INDEX OF PATENTS

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1923



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ALPHABETICAL LIST

OF

PATENTEES FOR THE YEAR 1923.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). **Includes patents, reissues, and designs.**

Registrants of Trade-Marks, Trade-Mark Applicants, and Registrants of Labels and of Prints and parties who have filed Disclaimers follow this in separate indexes, but precede the Alphabetical List of Inventions.

A. A. Simonds-Dayton Company, The. (See Anderson, Edward, assignor.)
A. B. C. Laboratories, Inc. (See Beidler, Ford E., assignor.)
A. B. C. Transit Refrigeration Company. (See Penwell, Lewis, assignor.)
A. C. Gas Register Company, The. (See Collins, W. T., and Adams, assignors.)
A C Spark Plug Company. (See Berge, Joseph, assignor.)
A. C. Spark Plug Company. (See Berge, Joseph and L. B., assignors.)
A C Spark Plug Company. (See Schmidt, Albert, assignor.)
A. & J. Manufacturing Company, The. (See Johnson, Edward H., assignor.)
A. & J. Manufacturing Co., The. (See Kail, Charles E., assignor.)
A. & L. Motor Corporation. (See Anderson, R. E., and Larson, assignors.)
A. P. W. Paper Co. (See Crandell, Willis S. assignor.)
A/S Cellulosepatenter. (See Morterud, Einar, assignor.)
A/S De Norske Saltverker. (See Goldschmidt, Victor M., assignor.)
A/S De Norske Saltverker. (See Isaachsen, Isak, assignor.)
A. S. Gilman Printing Company, The. (See Gilman, A. S., Bennett, and Kiesling, assignors.)
A/S Jens Nielsens Maskinfabrik. (See Henriksen, Jens M., assignor.)
A/S Telocle. (See Sinding-Larsen, Alf., assignor.)
A & Z Chain Company. (See Zetlin, Benjamin, assignor.)
Aab, William, assignor of one-half to F. Crone, New Ulm, Minn. Boring-bar tool. 1,456,351; May 22.
Aab, William, New Ulm, Minn. Wrist pin. 1,477,622; Dec. 18.
Aagaard, Chester S., Chicago, Ill. Paper. Des. 61,865; Feb. 6.
Aagaard, Chester S., Chicago, Ill. Paper. Des. 63,062; Oct. 2.
Aagaard, James C., Ord, Nebr. Stock-watering trough. 1,477,411; Dec. 11.
Aagaard, Otto W., Chicago, Ill. Auxiliary mouthpiece for telephones. 1,474,100; Nov. 13.
Aalborg, Christian, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Ceiling fan. 1,443,551; Jan. 30.
Aalto, Jaakko, Millinocket, Me. System of air compression. 1,443,198; Jan. 23.
Aarons, Abraham, New York, N. Y. Canopy for lighting fixtures. Des. 62,661; July 17.
Aarons, Abraham, New York, N. Y. Lighting fixture. Des. 62,660; July 17.
Aasen, Niels W., Christiania, Norway. Breath deflector. 1,475,105; Nov. 20.
Aba, Eugene, Los Angeles, Calif. Electrotherapeutic apparatus. 1,469,471; Oct. 2.
Abbaticchio, Albert, Latrobe, Pa. Single-match dispenser. 1,457,050; May 29.
Abbay, Fred T. (See Hackett, W. J., and Abbay.)
Abbe, George C., Lansdowne, assignor to The Baldwin Locomotive Works, Philadelphia, Pa. Coupling for equalizing apparatus for locomotives. 1,457,132; May 29.
Abbiuso, Joseph, Milford, Mass. Vehicle jack. 1,449,802; Mar. 27.
Abbott, Adrian O., jr., Detroit, Mich., assignor to Morgan & Wright. Heavy-truck-tire flap. 1,450,163; Apr. 3.
Abbott, Adrian O., jr. (See Tilton, G., and Abbott.)
Abbott, Albert F. (See Keddy, Clifford L., assignor.)
Abbott, Albert L., assignor to Ohio Automatic Sprinkler Company, Youngstown, Ohio. Sprinkler-head-testing device. 1,472,235; Oct. 30.
Abbott, Albert L., assignor to Ohio Automatic Sprinkler Company, Youngstown, Ohio. Testing device for automatic sprinkler heads, etc. 1,476,786; Dec. 11.
Abbott, Cecil C., Harbor Springs, and W. E., B. L., and I. L. Bassett, Detroit, Mich. Fire escape. 1,452,543; Apr. 24.
Abbott, Charles C., Pittsfield, Mass., assignor to General Electric Company. Diaphragm switch. 1,456,087; May 22.
Abbott, Charles C., Pittsfield, Mass., assignor to General Electric Company. Electric heater. 1,475,162; Nov. 27.
Abbott, Charles C., and E. D. Treanor, Pittsfield, Mass., assignor to General Electric Company. Winding machine. 1,444,441; Feb. 6.
Abbott, Charles M., Watertown, Mass. Dispensing device. 1,470,131; Oct. 9.
Abbott, Charles P., Allston, Mass. Sanitary attachment for telephone transmitters and the like. 1,474,186; Nov. 13.
Abbott, Charley, et al. (See Hull, Oliver L. and M. E., assignors.)
Abbott, Claude H., Lisbon, N. Dak. Draft regulator. 1,460,634; July 3.
Abbott, Claude L., Genoa, Nebr. Match holder. 1,443,199; Jan. 23.
Abbott, Dorothy, Covington, Ky. Statuette. Des. 61,748; Jan. 2.
Abbott, Franklin E., Buffalo, N. Y., assignor, by mesne assignments, to Bethlehem Steel Company of New York, Inc. Splice bar for rail joints. 1,460,742; July 3.
Abbott, Frederick J. (See Vance, Arlyn T., assignor.)
Abbott, George F., and C. A. Sands, assignors of ten per cent to said Abbott, twenty-seven and one-half per cent to said Sands, and sixty-two and one-half per cent to E. Graves, Lincoln, Nebr. Mud lug. 1,441,198; Jan. 9.
Abbott, Hugh, Hill City, S. Dak. Regulating mechanism for compressors. 1,468,987; Sept. 25.
Abbott Laboratories, The. (See Adams, R., and Volwiler, assignors.)
Abbott Laboratories, The. (See Young, Ferdinand H., assignor.)
Abbott Laboratories, The. (See Volwiler, Ernest H., assignor.)
Abbott Laboratories, The. (See Volwiler, E. H., and Adams, assignors.)
Abbott, Maurice J., assignor to American Can Company, New York, N. Y. Machine for treating fish. 1,463,111; July 24.
Abbott, Ralph W. (See Koehler, Henry W., assignor.)
Abbott, Reuben A., Lawrence, Mass. Mirror. 1,467,350; Sept. 11.
Abbott, Reuben E., and H. E. Beyster, assignors to Fisher Body Corporation, Detroit, Mich. Dry kiln. 1,473,755; Nov. 13.
Abbott, Richard H. S., and J. B. Close, London, England. Apparatus for molding plastic substances. 1,460,933; July 3.
Abbott, Walter H. (See Woelfel, George F., assignor.)
Abbott, William J. (See McNeill, A. M., and Abbott.)
Abbott, William T., Columbus, Ohio. Portable door fastener. 1,444,761; Feb. 6.
Abe, Kumakichi, Selma, Calif. Making edible malt and sprouts. 1,454,422; May 8.
Abel, Joseph C., Brooklyn, N. Y., assignor to American Car and Foundry Company, St. Louis, Mo. Tank-car valve-operating mechanism. 1,470,340; Oct. 9.

Abel, Siegfried. Berlin, Germany. Electric immersion liquid heater. 1,459,665; June 19.
Abel, Theodore, Cleveland, Ohio. Furnace-grate structure. 1,452,584; Apr. 24.
Abell, Arthur H., New York, assignor, by mesne assignments, to Eclipse Machine Company, Elmira Heights, N. Y. Engine-starting apparatus. 1,474,010; Nov. 10.
Abell, Rollin, Milton, Mass. Internal-combustion engine. 1,443,110; Jan. 23.
Aber, Ernest. (See Becker, E., and Aber.)
Aberle, Edward, West Nutley, N. J. Loose-leaf binder. 1,469,573; Oct. 2.
Abern, Halsey C., Norwich, N. Dak. Vaporizer. 1,440,811; Jan. 2.
Abernarty, Georgie S., et al. (See Rogers, Joseph C., assignor.)
Abernathy, Robert E., Concord, Ill. Automatic hog crate. 1,444,769; Feb. 13.
Abernethy, David, Philadelphia, Pa. Spreader for fishing lines. 1,464,163; Aug. 7.
Abildgaard, William, Chico, Calif. Fruit and nut harvester. 1,472,262; Oct. 30.
Abitz, Walter W. (See Anderson, A. M., and Abitz.)
Abraham, Clinton D., and G. L. Schwartz, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Wearing apparel impervious to acids and poisonous gases and making same. 1,468,791; Sept. 25.
Abraham, Edward C., Alameda, Calif. Window ventilator. 1,469,137; Sept. 25.
Abraham, Herbert, New York, N. Y., assignor to The Ruberoid Company. Self-spacing shingle. 1,442,379; Jan. 16.
Abraham, Herbert, New York, N. Y., assignor to The Ruberoid Company. Shingle strip. 1,453,373; May 1
Abraham, Herbert, New York, N. Y., assignor to The Ruberoid Company. Packaging shingles. 1,460,833; July 3.
Abraham, Herbert, New York, N. Y., assignor to The Ruberoid Co. Roofing element. 1,474,919; Nov. 13.
Abraham, Thomas M., Manquin, Va. Accelerator. 1,470,419; Oct. 9.
Abrahams, Gerdina K. (See Abrahams, John J. and G. K.)
Abrahams, John J., Grand Rapids, Mich. Hook and eye. 1,455,698; May 15.
Abrahams, John J. and G. K., Grand Rapids, Mich. Convertible child's vehicle. 1,449,255; Mar. 20.
Abrahams, Marks, Chicago, Ill. Safety holder. 1,459,429; June 19.
Abrahams, Saul, New York, N. Y. Vanity case. 1,446,779; Feb. 27.
Abram Cox Stove Company. (See Mott, Abram C., jr., assignor.)
Abram, Edmund W., London, England. Teapot, coffeepot, and the like. 1,440,947; Jan. 2.
Abram, Ira M., Dugger, assignor of one-fourth to C. Thomson, Farmersburg, Ind. Car pusher. 1,478,627; Dec. 25.
Abrames, Harvey, Norfolk, Va. Hydraulic piling. 1,451,753; Apr. 17.
Abramowitz, Joseph, Madison, assignor of one-half to J. J. Selb, Venice, Ill. Arch support. 1,467,630; Sept. 11.
Abrams, Herman, Philadelphia, Pa. Electric suspension lighting fixture. Des. 61,812; Jan. 23.
Abrams, Herman, Philadelphia, Pa. Electric suspension lighting fixture. Des. 61,813; Jan. 23.
Abrams, Herman, Philadelphia, Pa. Electric-light ceiling fixture. Des. 61,814; Jan. 23.
Abrams, Herman, Philadelphia, Pa. Electric suspension lighting fixture. Des. 61,815; Jan. 23.
Abrams, Herman, Philadelphia, Pa. Electric wall lighting bracket fixture. Des. 61,816; Jan. 23.
Abrams, Herman, Philadelphia, Pa. Electric wall lighting fixture. Des. 61,817; Jan. 23.
Abrams, Herman, Philadelphia, Pa. Electric suspension lighting fixture. Des. 61,818; Jan. 23.
Abrams, Herman, Philadelphia, Pa. Wall-bracket lighting fixture. Des. 62,355; May 15.
Abrams, Ida C., New Haven, Conn. Sink pan. 1,469,371; Oct. 2.
Abrams, John M., Brooklyn, N. Y. Resilient tire. 1,473,414; Nov. 6.
Abrams, John M., Brooklyn, N. Y. Eraser and pencil holder. 1,477,231; Dec. 11.
Abrams, Joseph M. (See McPherson, F. H., and Abrams.)
Abrasive Company. (See Allen, Thomas B., assignor.)
Absmeier, Carl, Grand Rapids, Mich. Pool-table register. 1,460,527; July 3.
Abso-Seal Joint Piston Ring Corporation. (See Wadell, Albert H., assignor.)
Abt, Hugo A. F., Chicago, Ill. Airship turn and transfer table. 1,446,440; Feb. 27.
Abtmeyer, Theodore. (See Johnson, C. W., and Abtmeyer.)
Abts, Methias W. (See Garrett, V. A., and Abts.)
Abzug, Nathan. (See Silberhartz, J., and Abzug.)
Accioly, Francisco de M., Rio de Janeiro, Brazil. Process and apparatus for the manufacture of nonpotable alcoholic liquid. 1,453,374; May 1.
Accola, Lorenz C., Canton, Mo. Trap. 1,461,743; July 17.
Accurate Tool Works. (See Ferguson, D., and Scheiwer, assignors.)
Ace Doughnut Machine Company. (See Alumbaugh, Frank C., assignor.)
Aceves, Julius G., assignor of one-half to F. P. Fahy, New York, N. Y. Speed-controlling apparatus for prime movers. 1,466,036; Aug. 28.
Acheson, Edward G., New York, N. Y. Lubricating oil. 1,448,246; Mar. 13.
Acheson, Edward G., New York, N. Y. Clay product and preparing same. 1,456,111; May 22.
Acheson, Edward G., New York, N. Y. Reflocculated product and preparing same. 1,456,112; May 22.
Acheson, Thomas F. (See Parker, Fred J., assignor.)
Achilli, Ruth. Columbus, Ohio. Apron. 1,470,341; Oct. 9.
Acito, Joseph, and P. Timen, assignors to Stap Co., New York, N. Y. Clasp. 1,457,133; May 29.
Acker, Irvin D., administrator. (See Acker, Julius J.)
Acker, Julius J., deceased; I. D. Acker, administrator, assignor of one-half to G. S. Goodwin, Chicago, Ill. Operating device for coupling pins. 1,467,295; Sept. 11.
Ackerman, Charles L. (See Meyers, William, assignor.)
Ackerman, Edward L., assignor to Joseph N. Smith & Company, Detroit, Mich. Automobile hood hinge. 1,454,257; May 8.
Ackerman, Edward H., Montclair, N. J. Wheel and tire construction. 1,465,201; Aug. 14.
Ackerman, Ernest W., Monroe, Mich. Shock absorber. 1,476,352; Dec. 4.
Ackerman-Quigley Printing Company. (See Weber, Arthur, assignor.)
Ackermann, Frank B. (See Steffan, W. C., Ackermann, and Greiner.)
Acki, Tokujiro, Tokyo-fu, Japan. Life preserver. 1,458,019; June 5.
Ackley, Kenneth A., Louisville, Ky. Carburetor. 1,461,470; July 10.
Ackley, Raymond E. (See Frazier, P., Pachter, Ackley, and Alger.)
Ackman, George, jr., Washington, D. C. Aerial device. 1,441,261; Jan. 9.
Acme Appliance Company. (See Engstrom, Ivan, assignor.)
Acme Artificial Silk Company. (See Huttinger, Charles A., assignor.)
Acme Cement Plaster Company. (See Pipe, Edward H., assignor.)
Acme Cushion Wheel Company. (See Cornfield, Noah, assignor.)
Acme Electrotype Company. (See Herr, Henry A., assignor.)
Acme Fishing Tool Company. (See Nutter, Orda D., assignor.)
Acme Knitting Machine & Needle Company. (See Stewart, Albert E., assignor.)
Acme Motor Shield Corporation. (See McMullen, Joseph B., assignor.)
Acme Products Company. (See Logan, William B., assignor.)
Acme Road Machinery Company. (See Cookinham, E. F., and Cook, assignors.)
Acme Road Machinery Co. (See Earle, Horatio S., assignor.)
Acme Staple Company. (See Michener, Elwood H., assignor.)
Acquaviva, Domenick, New York, N. Y. Percolator. 1,469,139; Sept. 25.
Acre, Ray E. (See Andrews, E. F., and Acre.)
Acre, Ray E., Wheaton, assignor to Universal Engineering Company, Maywood, Ill. Internal-combustion engine. 1,443,517; Jan. 30.
Actien Gesellschaft für Anilin Fabrikation. (See Grünhagen, Heinrich, assignor.)
Actien Gesellschaft für Anilin Fabrikation. (See Kaltwasser, O., and Kirberger, assignors.)
Actien Gesellschaft für Anilin Fabrikation. (See Lenger, Walter, assignor.)
Actien Gesellschaft für Anilin Fabrikation. (See Onnerts, P., and Peters, assignors.)
Actien Gesellschaft für Anilin Fabrikation. (See Onnertz, Paul, assignor.)
Actien Gesellschaft für Anilin Fabrikation. (See Onnertz, P., Peters, and Schwärtzel, assignors.)
Acton, Edward H., Niagara Falls, N. Y., assignor to Aluminum Company of America, Pittsburgh, Pa. Machine for casting metal pigs or bars. 1,472,623; Oct. 30.
Adair, Charles T., and C. G. Frederick, Kansas City, Mo. Surfacing machine. 1,463,303; July 31.
Adair, Montague, Brooklyn, N. Y. Controlling device for phonographs. 1,476,277; Dec. 4.
Adair, Thomas D., jr., Dorchester, assignor to Standard Thermometer Company, Roxbury, Boston, Mass. Speedometer driving mechanism. 1,441,471; Jan. 9.
Adair, Thomas W., Humble, Tex. Combination drill and tool holder. 1,454,611; May 8.
Adam Fisher Manufacturing Co. (See Graber, Henry P., assignor.)
Adam, Fred, Ford, and N. L. Adam, Sudbury, Ontario, Canada. Meat-slicing machine. 1,455,699; May 15.
Adam, Harry C., St. Louis, Mo. Holder for illuminating glassware. Des. 62,179; Apr. 3.
Adam, Harry C., St. Louis, Mo. Holder for illuminating glassware. Des. 62,180. Apr. 3.

Alphabetical list of patentees—Continued.

Adam, Harry C., St. Louis, Mo. Holder for illuminating glassware. Des. 62,181; Apr. 3.
Adam, Harry C., St. Louis, Mo. Holder for illuminating glassware. Des. 62,182; Apr. 3.
Adam, Harry C., St. Louis, Mo. Holder for illuminating glassware. Des. 62,183; Apr. 3.
Adam, Harry C., St. Louis, Mo. Lighting-fixture urn. Des. 61,957; Feb. 20.
Adam, Harry C., St. Louis, Mo. Lighting fixture. 1,455,375; May 15.
Adam, Harry C., St. Louis, Mo. Holder for illuminating glassware. Des. 62,662; July 17.
Adam, Harry C., St. Louis, Mo. Lighting fixture. Des. 62,666; July 17.
Adam, Matthew, Philadelphia, Pa. Sifting device. 1,457,292; June 5.
Adam, Matthews A. (See Legg, David A., assignor.)
Adam, Napoleon L. (See Adam, Fred and N. L.)
Adams, Aaron M., Philadelphia, Pa. Cord gripping and securing device. 1,454,717; May 8.
Adams, Adolph A., Philadelphia, Pa. Steel-ball-roughing machine. 1,449,483; Mar. 27.
Adams, Albert A., Davenport, Iowa. Self-adjusting bolt. 1,449,484; Mar. 27.
Adams, Arthur A., Brookline, and F. A. Emery, Wellesley Hills, Mass. Counter. 1,469,932; Oct. 9.
Adams, Arthur H., Galion, Ohio. Telephone-exchange system. 1,468,853; Sept. 25.
Adams, Arthur H., Sparkhill, assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for testing electrical coils. 1,445,260; Feb. 13.
Adams, Arthur J., assignor to The Fulton Company, Bay City, Mich. Manufacture of spokes. 1,457,808; June 5.
Adams, Benjamin D., Galesburg, Ill. Automobile accelerator pedal. 1,454,258; May 8.
Adams, Benjamin F., Tenafly, N. J., assignor to American Machinery Company, Philadelphia, Pa. Feed for powder in automatic packaging machines. 1,452,585; Apr. 24.
Adams, Charles, jr., Weehawken, N. J. Dry-pipe valve, 1,468,619; Sept. 25.
Adams, Clarence F., Dayton, Ohio. Electrolytic gas cell. 1,471,641; Oct. 23.
Adams, Claud W., Worcester, Mass. Coin-controlled bottle vending and ejecting mechanism. 1,441,650; Jan. 9.
Adams, Claude B. (See Collins, W. T., and Adams.)
Adams, Comfort A., Cambridge, Mass., assignor of one-half to F. S. Marden, Norfolk, Conn. Commutator. 1,467,467; Sept. 11.
Adams, Daniel, Newton, Mass. Combustion-controlling system. 1,474,754; Nov. 20.
Adams, Douglas A., Dunedin, Otago, New Zealand. Filing and binding documents and the like. 1,446,408; Feb. 20.
Adams, Edward A., Trumansburg, N. Y. Window board. 1,450,537; Apr. 3.
Adams, Edward J. (See Morris, George T., assignor.)
Adams, Edward M., jr., Sherbrooke, Quebec, Canada. Rope. 1,446,141; Feb. 20.
Adams, Edwin G., The Dalles, Oreg. Tractor. 1,451,194; Apr. 10.
Adams, Elliot Q., Berkeley, Calif., by mesne assignments dedicated to the People of the United States for their free use and enjoyment. Machine used for sublimation. 1,470,950; Oct. 16.
Adams, Elwin P., Jacksonville, Fla. Necktie. 1,475,672; Nov. 27.
Adams, Emmanuel I., Tacoma, Wash. Valve silencer. 1,446,142; Feb. 20.
Adams, Floyd W., East Orange, N. J., assignor to The Barrett Company. Veneer board and making same. 1,476,570; Dec. 4.
Adams, Frank A., Rochester, assignor to B. C. Olney, Rome, and F. C. Dailey, Rochester, N. Y. Coupling device. 1,446,143; Feb. 20.
Adams, Frank A., Rochester, assignor to B. C. Olney, Rome, and J. O. Dailey, Rochester, N. Y. Clothes-washing machine. 1,470,671; Oct. 16.
Adams, Frank H., Cleveland, Ohio, assignor, by mesne assignments, to Stromberg Motor Devices Company, Chicago, Ill. Air cleaning and heating attachment for internal-combustion engines. 1,463,416; July 31.
Adams, Frank J., New York, N. Y., assignor, by mesne assignments, of one-half to E. J. Marston, Greenwich, Conn., and one-half to H. A. Smith, Yonkers, N. Y. Projection picture screen and making same. 1,455,982; May 22.
Adams, Frederick. (See Anderson, C. C., and Adams.)
Adams, George C., San Francisco, Calif. Oil-burning furnace. 1,442,034; Jan. 16.
Adams, George W., San Antonio, Tex. Concrete mixer. 1,454,370; May 8.
Adams, Gridley, Chicago, Ill. Ironing board. 1,458,314; June 12.
Adams, Gridley, Chicago, Ill. Film-operating machine. 1,463,992; Aug. 7.
Adams, Gus, Brea, assignor of one-fourth to A. M. Strong, Los Angeles, Calif. Sucker-rod joint. 1,446,144; Feb. 20.
Adams, Harold A., Bakersfield, Calif. Motor meter. 1,457,481; June 5.
Adams, Harold S. (See Shepard, M. G., and Adams.)
Adams, Harry A., assignor to Allith-Prouty Company, Danville, Ill. Door-opening mechanism. 1,453,778; May 1.
Adams, Harry H., Chicago, Ill. Vehicle. 1,443,200; Jan. 23.
Adams, Henry J., Denver, Colo. Wheel. 1,462,754; July 24.
Adams, Henry T. (See Nachtrieb, Norman D., assignor.)
Adams, Herbert J., Battle Creek, Mich. Circle-gauging instrument. 1,461,569; July 10.
Adams, James L., jr. (See Smith, R. S., and Adams.)
Adams, James R., Philadelphia, Pa. Casting ingots and seal for ingot molds. 1,457,763; June 5.
Adams, John E., Rhinelander, Wis. Portable bungalow. 1,445,738; Feb. 20.
Adams, John Q., Muskegon, Mich. Device for facing automobile valve seats and the like. 1,471,471; Oct. 23.
Adams, John V. (See Jones, William E., assignor.)
Adams, Joseph E. (See Hewitt, J. N., and Adams, assignors.)
Adams, Joseph H., Flatbush, N. Y., assignor to The Texas Company, Houston, Tex. Apparatus for the conversion of oils. 1,445,281; Feb. 13.
Adams, Joseph H., Flatbush, N. Y., assignor to The Texas Company, Houston, Tex. Converting oils. 1,455,376; May 15.
Adams, Joseph H., Flatbush, N. Y., assignor to The Texas Company, Houston, Tex. Oil-converting apparatus. 1,455,377; May 15.
Adams, Joseph H., Flatbush, N. Y., assignor to The Texas Company, Houston, Tex. Apparatus for the conversion and transformation of liquids, fluids, and oils. 1,461,017; July 3.
Adams, Joseph H., Flatbush, N. Y., assignor to The Texas Company, Houston, Tex. Oil-converting process for the conversion and transformation of oils. 1,462,677; July 24.
Adams, Joseph H., Flatbush, N. Y., assignor to The Texas Company, Houston, Tex. Oil-converting apparatus. 1,462,678; July 24.
Adams, Joseph H., Flatbush, N. Y., assignor to The Texas Company, Houston, Tex. Oil-converting apparatus for the conversion and transformation of oils. 1,477,860; Dec. 18.
Adams, Julius F., Pittsburgh, Pa. Gas heater. 1,441,051; Jan. 2.
Adams, Julius F., Pittsburgh, Pa. Gas heater. Des. 61,796; Jan. 16.
Adams, Nathan H., Schenectady, N. Y., assignor to General Electric Company. Wear-resisting body. 1,477,797; Dec. 18.
Adams, Omer T., San Diego, Calif. Wind motor. 1,441,774; Jan. 9.
Adams, Ora L., Berkeley, Calif. Windshield wiper. 1,442,111; Jan. 16.
Adams, Ora L., Berkeley, Calif. Load-supporting connection for wheeled structures. 1,452,135; Apr. 17.
Adams, Pomeroy. (See Stogner, J. R., and Adams.)
Adams, Ralph R., Yonkers, N. Y. Radioactive spray material. 1,461,340; July 10.
Adams, Ralph R., Yonkers, N. Y. Razor. 1,478,160; Dec. 18.
Adams, Reginald M. (See Hinchman, Alva K., assignor.)
Adams, Robert B., Kempton, Pa. Nut lock. 1,455,700; May 15.
Adams, Robert R., Cincinnati, Ohio. Mechanical figure toy. 1,477,412; Dec. 11.
Adams, Roger. (See Volwiler, E. H., and Adams.)
Adams, Roger, Urbana, and E. H. Volwiler, assignors to The Abbott Laboratories, Chicago, Ill. N-butyl esters of para-amino benzoic acid. 1,440,652; Jan. 2.
Adams, Roy W., New Britain, Conn. Reciprocating power air pump. 1,450,345; Apr. 3.
Adams, Sydney G., Lewisham, England. Burglar and like alarm system. 1,442,508; Jan. 16.
Adams, Thomas O. (See Wise, W. J., and Adams.)
Adams, Thomas O., assignor to The Wise-McClung Manufacturing Company, New Philadelphia, Ohio. Adjustable brush for vacuum cleaners. 1,474,875; Nov. 20.
Adams, Victor, Chicago, Ill. Head for brooms and brushes. 1,457,414; June 5.
Adams, Victor L., Waco, Tex. Pressure-controlling device. 1,459,666; June 19.
Adams, Walter A., Rochester, N. Y. Sewing bench. Des. 62,097; Mar. 20.
Adams, Walter A., Rochester, N. Y. Sewing bench. Des. 62,356; May 15.
Adams, Walter J., and J. L. Cummings, Milwaukee, Wis. Parting compound. 1,441,199; Jan. 9.
Adams, Walter L., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Fishing reel. 1,468,128; Sept. 18.
Adams, Walter S., assignor to The J. G. Brill Company, Philadelphia, Pa. Running gear for vehicles. 1,449,927; Mar. 27.
Adams, Walter S., assignor to The J. G. Brill Company, Philadelphia, Pa. Car truck. 1,443,668; Jan. 30.
Adams, Walter S., assignor to The J. G. Brill Company, Philadelphia, Pa. Car truck. 1,458,673; June 12.

Adams, Walter S., assignor to The J. G. Brill Company, Philadelphia, Pa. Car truck. 1,458,674; June 12.
Adams, Walter S., assignor to The J. G. Brill Company, Philadelphia, Pa. Brake mechanism for car trucks. 1,475,733; Nov. 27.
Adams, William R., assignor of forty nine per cent to H. R. Murphy, San Francisco, Calif. Dishwashing machine. 1,440,761; Jan. 2.
Adams, William R., Plainfield, and H. L. Pound, North Plainfield, N. J., assignors to International Motor Company, New York, N. Y. Fixture for turning machines. 1,461,884; July 17.
Adams, William W., Washington, D. C. Indicator for punching machines. 1,470,519; Oct. 9.
Adams-Randall, Charles, New York, N. Y. Telegraphic receiving instrument. 1,461,568; July 10.
Adams & Westlake Company, The. (See Hamm, William S., assignor.)
Adams & Westlake Company, The. (See Hamm, W. S., and Giese, assignors.)
Adams & Westlake Company, The. (See Miller, Royal E., assignor.)
Adamski, Joseph M., Milwaukee, Wis. Pneumatic-cushion seat. 1,456,207; May 22.
Adamson, Alexander, Akron, Ohio. Clutch. 1,442,241; Jan. 16.
Adamson, Allan A., Brooklyn, N. Y., and W. F. Grupe, Hudson Heights, N. J. Paper-box machine. 1,445,654; Feb. 20.
Adamson, Charles E., Huntington, Ind. Appliance for producing and burning alcohol gas. 1,466,417; Aug. 28.
Adamson, Ernie, New York, N. Y. Power plant. 1,462,470; July 24.
Adamson Machine Company, The. (See Williams, Thomas H., assignor.)
Adamson, William M., New Brighton, N. Y. Separating device. 1,471,131; Oct. 16.
Adamy, Harry D., assignor to Merchants Gold Stamp Company, Wilkes-Barre, Pa. Trading stamp. Des. 63,063; Oct. 2.
Adatte, Albert L. (See Chanier, G. L., and Adatte.)
Adcock, Mary K., Winchester, Ky. Window attachment. 1,469,241; Oct. 2.
Addis, Arthur K., Leeds, Mass., assignor to Corticelli Silk Company. Separator for ring-spinning machines. 1,449,928; Mar. 27.
Addison, John. (See Eckart, George F., assignor.)
Addiss, Nathaniel A. (See Spangler, John H., assignor.)
Addograph Company. (See Crawley, Mansfield C., assignor.)
Addressograph Company. (See Duncan, J. S., and Hubbard assignors.)
Addressograph Company. (See Jackson, James P., assignor.)
Addy, John E., Winterset, Iowa. Hose elevating and supporting device. 1,468,620; Sept. 25.
Ade, Rudolph W., Indianapolis, Ind. Bedlamp shade. 1,468,451; Sept. 18.
Adell, John A., and A. H. Starrett, assignors to The L. S. Starrett Company, Athol, Mass. Hack saw. 1,473,803; Nov. 13.
Adelmann, Hans, assignor to Ham Boiler Corporation, New York, N. Y. Corned-beef cooker. 1,449,850; Mar. 27.
Adelmann, Hans, assignor to Ham Boiler Corp., New York, N. Y. Meat-loaf cooker. 1,458,507; June 12.
Adelmann, Hans, assignor to Ham Boiler Corp., New York, N. Y. Ham boiler. 1,461,509; July 10.
Adelmann, Hans, assignor to Ham Boiler Corporation, New York, N. Y. Clothesline pulley. 1,476,787; Dec. 11.
Adelmann, William, New York, N. Y. Flour sifter. 1,455,319; May 15.
Adelson, Edward. (See Adelson, Philip and E.)
Adelson, Philip and E., Cambridge, Mass. Carrousel. 1,451,605. Apr. 10.
Adenot, Marius, assignor to Société Lyonnaise d'Industrie Mécanique, Caluire, Rhone, France. Vehicle brake. 1,463,112; July 24.
Aderer, Alexander. (See Deserty, Alexander S., assignor.)
Adkins, Stephen J., Fort Worth, Tex. Lock. 1,472,861; Nov. 6.
Adkinson, William, Providence, assignor to H. & B. American Machine Company, Pawtucket, R. I. Combined doffer guard and oil-well cover. 1,452,673; Apr. 24.
Adland, Victor E., and L. H. Kamper, assignors to Troy Laundry Machinery Company, Ltd., Chicago, Ill. Dry-room tumbler. 1,453,266; May 1.
Adler, Alfons P., Clifton, N. J. Fork. Des. 63,047; Sept. 25.
Adler, Bruno, Dresden, Germany. Spray carburetor for internal-combustion engines. 1,457,134; May 29.
Adler, Charles, jr., Baltimore, Md. Railway-crossing signal. 1,470,043; Oct. 9.
Adler, John A., North Milwaukee, Wis. X-ray-film holder and examining frame. 1,478,504; Dec. 25.
Adler, Milton M., Newark, N. J. Pyrotechnical device. 1,441,551; Jan. 9.
Adler, Milton M., Newark, N. J. Pyrotechnical device. 1,441,552; Jan. 9.
Adolphsen, William T., Verona, Pa. Burner nozzle. 1,478,370; Dec. 25.
Adreon, Robert E., St. Louis, Mo., and C. P. Cass, Berkeley, Calif., assignors to The American Brake Company, St. Louis, Mo. Slack adjuster. 1,469,571; Oct. 2.
Adreon, Robert E., St. Louis, Mo., and C. P. Cass, Berkeley, Calif., assignors to The American Brake Company, St. Louis, Mo. Slack adjuster. 1,469,572; Oct. 2.
Adriance Machine Works, Inc. (See Ross, Hugh M., assignor.)
Adsit, Frank W., St. Paul, assignor to American Development Company, Minneapolis, Minn. Machine for forming storage-battery grid elements. 1,442,554; Jan. 16.
Adsit, George, assignor to Benjamin Eastwood Company, Paterson, N. J. Warping machine. 1,457,293; June 5.
Adsit, Frank W., St. Paul, Minn. Suspension tire. 1,475,925; Dec. 4.
Adsit, George, assignor to Benjamin Eastwood Company, Paterson, N. J. Quilling machine. 1,457,294; June 5.
Adsit, George, assignor to Benjamin Eastwood Company, Paterson, N. J. Beam support. 1,460,468; July 3.
Advance Furnace & Engineering Company. (See Kunits, Hannibal H., assignor.)
Advance Machine Company. (See Antoine, Alfred D., assignor.)
Advance Products Corporation. (See Lippert, A. C., and Sniko, assignors.)
Advance-Rumely Company. (See Ballentine, William I., assignor.)
Advance-Rumely Company. (See Mainland, John, assignor.)
Advance-Rumely Company. (See Ross, James, assignor.)
Advertisers' Art Studios, Inc. (See Major, Malcolm G., assignor.)
Aeberli, Adolf, Toronto, Ontario, and W. Dreyer, Lachine, Quebec, Canada. Carburetor. 1,461,104; July 10.
Aebly, Jacob A., West Concord, Minn. Air-power water pump. 1,453,486; May 1.
Aeby, Louis, East Chicago, Ind., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Carburizing material and making same. 1,454,612; May 8.
Aegerter, August S., Basel, Switzerland, assignor of one-half to F. Grunder, Rutti, Switzerland. Clinometer. 1,466,261; Aug. 28.
Aeolian Company, The. (See Dickinson, Joseph H., assignor.)
Aeolian Company, The. (See Head, Robert, assignor.)
Aeolian Company, The. (See Lescarboura, A. C., and Bond, assignors.)
Acolian Company, The. (See Snyder, Daniel F., assignor.)
Aeolian Company, The. (See Warner, Sterling W., assignor.)
Aeolian Company Limited, The. (See Reynolds, Reginald, assignor.)
Aero Pulverizer Company. (See Hirsch, Paul A., assignor.)
Aerobelle Company. (See Van Der Pyl, Edward, assignor.)
Aerofoto, N. Y. (See Messter, Oskar, assignor.)
Aeschbach, Walter, and H. A. Bussey, St. Louis, Mo. Thermostatic alarm. 1,442,509; Jan. 16.
Aesdale, Wilson J. (See Van Vickle, William H., assignor.)
Aetna Rubber Co., The. (See Campbell, Stanley T., assignor.)
Aetna Stamp Works, Inc. (See Smith, Frank E., assignor.)
Affel, Herman A. (See Espenschied, L., and Affel.)
Affel, Herman A., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Synchronizing system. 1,450,966; Apr. 10.
Affel, Herman A., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Means for ringing over multiplex transmission channels. 1,454,840; May 15.
Affel, Herman A., Brooklyn, N. Y., assignor to American Telephone and Telagraph Company. Selective circuit for multiplex transmission. 1,455,827; May 22.
Affel, Herman A., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Balancing circuits. 1,457,336; June 5.
Affel, Herman A., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Transmission regulation. 1,468,687; Sept. 25.
Affel, Herman A., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Carrier-transmission-routing arrangement. 1,469,869; Oct. 9.
Affel, Herman A., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Means for signaling over multiplex transmission channels. 1,472,035; Oct. 30.
Affel, Herman A., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Ringing channel for multiplex telephone systems. 1,472,821; Nov. 6.
Affel, Herman A., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Calling arrangement for radio systems. 1,472,822; Nov. 6.
Affel, Herman A., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Secret-communication system. 1,474,426; Nov. 20.
Affel, Herman A., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Demodulating apparatus. 1,476,678; Dec. 11.

Alphabetical list of patentees—Continued.

Affel, Herman A., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Signaling. 1,477,528. Dec. 18.
Agar, Alfred, et al., executors. (See Davidson, Samuel C.)
Agasote Millboard Co., The. (See Sutherland, D. M., jr., assignor.)
Agee, Philip C., Pomeroy, Wash. Brake-rod take-up. 1,458,793; June 12.
Agee, Wallace G., Louisville, assignor of one-half to M. Bell, Eminence, Ky. Hose supporter. 1,464,380; Aug. 7.
Agner, Raymond C., Burlington, Wis. Flexible conduit. 1,451,800; Apr. 17.
Agnew, George B. (See de Simone, Michele G., assignor.)
Agnew, James B., sr., Mount Union, Pa. Oil can. 1,476,668; Dec. 4.
Agnew, Thomas L. (See Helmick, M. J., and Agnew.)
Agopian, Levon A., Paris, France. Obtaining vitamines. 1,468,251; Sept. 18.
Agostini, Louis, Paris, France. Method and means for squeezing tubes of paper containing hair curlers and employed in the art of undulation. 1,471,582; Oct. 23.
Agostini, Louis G., Paris, France. Hair curler. 1,463,028; July 24.
Agronofsky, Abraham, St. Joseph, Mo. Combined scale and tongs. 1,455,828; May 22.
Ahara, Edwin H., assignor to Dodge Manufacturing Company, Mishawaka, Ind. Sheet-metal hanger. 1,472,236; Oct. 30.
Ahearn, John J., Palmer, N. Y. Ruler attachment. 1,453,900; May 1.
Ahearn, Michael F. (See Nacey, H. M., and Ahearn.)
Ahern, Albert M., St. Louis, Mo. Combined shipping tag and envelope sheet. 1,467,631; Sept. 11.
Ahern, Edmund L., Mount Gilead, Ohio. Bracket for supporting closet tanks. 1,464,398; Aug. 7.
Ahlbell Battery Container Corporation. (See Ahlgren, John M., assignor.)
Ahlbrecht, Gustave H., Newark, Ohio. Water power. 1,475,271; Nov. 27.
Ahlburg, Frank, assignor to Electric Fruit Marking Co., San Francisco, Calif. Fruit-marking machine. 1,471,440; Oct. 23.
Ahlering, Frederick E., Port Reading, N. J. Fountain shaving brush. 1,470,903; Oct. 16.
Ahlers, David E., Carlisle, Pa. Bolt and nut lock. 1,467,824; Sept. 11.
Ahlgren, John M., Indianapolis, Ind., assignor to Ahlbell Battery Container Corporation, Chicago, Ill. Means for sealing storage batteries. 1,448,247; Mar. 13.
Ahlquist, Eugene F., assignor to Security Envelope Company, Minneapolis, Minn. Safety envelope. 1,440,362; Jan. 2.
Ahlquist, Eugene F., Minneapolis, assignor to Security Envelope Company, South Minneapolis, Minn. Envelope. 1,455,419; May 15.
Ahlteen, Carl, Leavenworth, Kans. Sanitation appliance. 1,442,841; Jan. 23.
Ahlvin, John E., Joliet, Ill. Jamb fastening. 1,470,251; Oct. 9.
Aho, Emil, Owen, Wis. Grader. 1,476,031; Dec. 4.
Ahrens, Herman C., Cincinnati, Ohio. Sausage-stuffing apparatus. 1,470,371; Oct. 9.
Ahrens, Henry A., and H. B. Hiteshew, Cleveland, Ohio. Stove construction. 1,440,431; Jan. 2.
Ahrens, Lillian S., New York, N. Y. Toy dog. Des. 61,958; Feb. 20.
Aicher, Gustav, and U. S. McMillan, assignors to McMillan Process Company, San Francisco, Calif. Apparatus for defiberizing wood. 1,476,032; Dec. 4.
Aid, Frank E., Chillicothe, Ohio. Fastening device. 1,477,232; Dec. 11.
Aid Manufacturing Co. (See Eis, J. O., and Knauff, assignors.)
Aiken, Frank, Elkins Park, assignor to Atwater Kent Manufacturing Company, Philadelphia, Pa. Ignition apparatus. 1,458,375; June 12.
Aiken, Janet R., Branchville, Conn. Clay-modeling book. 1,458,508; June 12.
Aiken, Robert H., Winthrop Harbor, Ill. Erection of concrete buildings. 1,457,684; June 5.
Aiken, Thomas M., Pittsburgh, Pa. Safe. 1,440,948; Jan. 2.
Aikin, Cecil B. and F. W., Watertown, N. Y. Pulp-stone-dressing bur. 1,476,571; Dec. 4.
Aikin, Frank W. (See Aikin, Cecil B. and F. W.)
Aikman, Burton S., assignor to National Brake & Electric Company, Milwaukee, Wis. Pumping system. 1,462,159; July 17.
Aikman, Burton S., assignor to National Brake & Electric Company, Milwaukee, Wis. Pneumatic system. 1,462,842; July 24.
Aikman, Burton S., assignor to National Brake & Electric Company, Milwaukee, Wis. Unloader for compressors. 1,477,161; Dec. 11.
Aikman, Orville R., Salem, Ill. Stove. 1,465,202; Aug. 14.
Aimé, Luis, West Hoboken, N. J. Clothesline fastener. 1,460,333; June 26.
Aimone, Raimondo C., New Rochelle, N. Y., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph cabinet. Des. 63,386; Dec. 4.
Aimone, Raimondo C., New Rochelle, N. Y., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph cabinet. Des. 63,387; Dec. 4.
Ainsa, Richard A., El Paso, Tex. Antithief cage. 1,448,611; Mar. 13.
Ainsworth, Albert A., Brooklyn, N. Y. Filing device. 1,461,570; July 10.
Ainsworth, Chester D., Wollaston, assignor to S. B. Condit, jr., Boston, Mass. Time-limit device. 1,467,751; Sept. 11.
Ainsworth, Chester D., Wollaston, assignor to S. B. Condit, Brookline, Mass. Retardation device. 1,467,752; Sept. 11.
Ainsworth, Earnest D., Boneita Springs, S. Dak. Wheel puller and emergency hub. 1,462,843; July 24.
Ainsworth, George, Great Neck, N. Y. Loop for lighting fixtures. Des. 63,601; Dec. 25.
Ainsworth, George, Great Neck, N. Y. Arm for lighting fixtures. Des. 63,602; Dec. 25.
Ainsworth, George, Great Neck, N. Y. Husk for lighting fixtures. Des. 63,603; Dec. 25.
Ainsworth, George, Great Neck, N. Y. Loop for lighting fixtures. Des. 63,604; Dec. 25.
Ainsworth George, Great Neck, N. Y. Canopy for lighting fixtures. Des. 63,605; Dec. 25.
Ainsworth, George, Great Neck, N. Y. Socket cover for lighting fixtures. Des. 63,606; Dec. 25.
Ainsworth, George, Great Neck, N. Y. Ceiling light for lighting fixtures. Des. 63,607; Dec. 25.
Ainsworth, George R., Great Neck, N. Y. Globe for lighting fixtures. Des. 61,757; Jan. 9.
Ainsworth, George R., Great Neck, N. Y. Lighting fixture. 1,447,500; Mar. 6.
Ainsworth, George, Great Neck, N. Y., assignor to Beverly Lights Corporation, Providence, R. I. Wall plate for lighting fixtures. Des. 62,767; July 31.
Ainsworth, George, Great Neck, N. Y., assignor to Beverly Lights Corporation, Providence, R. I. Body shell for lighting fixtures. Des. 62,768; July 31.
Ainsworth, George, Great Neck, N. Y., assignor to Beverly Lights Corporation, Providence, R. I. Candle cup for lighting fixtures. Des. 62,811; Aug. 7.
Ainsworth, George, Great Neck, N. Y., assignor to Alfred Vester & Sons, Inc., Providence, R. I. Pendulet. Des. 63,250; Nov. 13.
Ainsworth, George, Great Neck, N. Y., assignor to Alfred Vester Sons, Inc., Providence, R. I. Combination socket cover and husk for lighting fixture. Des. 63,277; Nov. 20.
Ainsworth, Harry G., Kentland, Ind. Mechanical movement. 1,441,391; Jan. 9.
Ainsworth Manufacturing Company. (See Potter, Albert T., assignor.)
Ainsworth, Mark, Kansas City, Mo. Gate latch. 1,474,575; Nov. 20.
Ainsworth, Robert G., Denver, Colo. Weighing instrument. 1,444,995; Feb. 13.
Ainsworth, Robert G., Denver, Colo. Weighing instrument. 1,468,129; Sept. 18.
Air Brake Safety Appliance Company. (See Hellmann, L. F., and Baxter, assignors.)
Air Reduction Company. (See Anderson, James L., assignor.)
Air Reduction Company. (See Metzger, Floyd J., assignor.)
Air Reduction Company. (See Plumley, Stuart, assignor.)
Air Reduction Company. (See Roberts, M. H., and Van Nuys, assignors.)
Air Reduction Company. (See Wilkinson, Walter, assignor.)
Air Reduction Company, Incorporated. (See Anderson, J. L., and Plumley, assignors.)
Air Reduction Company, Incorporated. (See Napolitan, Francis J., assignor.)
Airo Metal Products Co. (See Crimp, John A., assignor.)
Airships Incorporated. (See Witmer, C. C., and Havens, assignors.)
Airtite Decoy Company. (See Moore, George H., assignor.)
Aisenstein, William, assignor to Wilmort Manufacturing Company, Chicago, Ill. Crumb sweeper. 1,461,814; July 17.
Aitchison, Peter, New Rochelle, N. Y., assignor to American Bank Note Company, New York, N. Y. Collecting mechanism for printed sheets. 1,477,024; Dec. 11.
Aitken, Andrew W., Springfield, Ohio. Internal-combustion engine. 1,442,510; Jan. 16.
Aitken, Andrew W., assignor to The Buffalo-Springfield Roller Company, Springfield, Ohio. Frame structure for road rollers. 1,446,409; Feb. 20.
Aitken, Andrew W., assignor to The Buffalo-Springfield Roller Company, Springfield, Ohio. Road roller. 1,470,315; Oct. 9.
Aitken, Charles H. W. (See Stoner, F., and Aitken.)
Aitkens, Eric H., Sydney, New South Wales, Australia. Rubber-cushion wheel. 1,459,430; June 19.
Ajax Forge Company, The. (See Hoffman, Paul, assignor.)
Ajax Manufacturing Company, The. (See Blakeslee, John R., assignor.)
Ajax Metal Company, The. (See Clamer, G. H., and Wyatt, assignors.)
Akard, John W., Fair Play, Mo. Demountable tire rim. 1,445,926; Feb. 20.
Aked, Thomas O., Toronto, Ontario, Canada. Combined yarn holder and darner. 1,448,175; Mar. 13.

Akemann, Walther, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Fire-control apparatus especially for naval guns. 1,452,015; Apr. 17.

Akemann, Walther, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Fire-direction apparatus for naval guns. 1,445,191; Feb. 13.

Akemann, Walther, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Apparatus for compensating the inaccuracy in training a gun due to the oblique position of the axis of the horizontal trunnion. 1,445,192; Feb. 13.

Akerly, Frank F., Chicago, Ill., assignor to Columbia Graphophone Manufacturing Company, Bridgeport, Conn. Automatic starting and stopping device for graphophones. 1,466,655; Sept. 4.

Akers, John McK. and W. C., assignors of one-third to L. T. Compton, Matewan, W. Va. Pneumatic support for vehicle bodies. 1,474,222; Nov. 13.

Akers, Milton K., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Phantomed signaling circuits. 1,472,451; Oct. 30.

Akers, Walter C. (See Akers, John M. and W. C.)

Akesson, Charles J., San Diego, Calif. Chair desk. 1,478,780; Dec. 25.

Akey, Meader R., Sacramento, and H. Katz, Oakland, Calif. Bending machine. 1,462,315; July 17.

Akins, Edwin J., Moundsville, W. Va Underdrilling bit. 1,463,566; July 31.

Akins, James C., assignor of one-half to A. P. Roberts, Beckville, Tex. Combined cut-out valve, priming device, and auxiliary air inlet for internal-combustion engines. 1,442,634; Jan. 16.

Akron Cultivator & Mfg. Co,, The. (See Roemer, Ralph R., assignor.)

Akron Lamp Company, The. (See Steese, J. C., and Hoff, assignors.)

Aktiebolaget Arca Regulatorer. (See Carlstedt, Ragnar, assignor.)

Aktiebolaget Ars. (See Hasait, Max, assignor.)

Aktiebolaget Baltic. (See Risberg, Johannes V. M., assignor.)

Aktiebolaget Bofors. (See Svensson, Svenning H., assignor.)

Aktiebolaget Bofors. (See Wennerstrom, Ernest J. T., assignor.)

Aktiebolaget Gebr. Arehns Mekaniska Verkstad. (See Ekström, G. C., and Örström, assignors.)

Aktiebolaget Gerh. Arehns Mekaniska Verkstad. (See von Segebaden, Ernest S. D., assignor.)

Aktiebolaget Kvafveindustri. (See Thorssell, C. T., and Lundën, assignors.)

Aktiebolaget Kvafveindustri. (See Thorssell, C. T., and Troell, assignors.)

Aktiebolaget Lean. (See Kindström, Carl, assignor.)

Aktiebolaget Ljungströms Angturbin. (See Broberg, Isidor, assignor.)

Aktiebolaget Ljungströms Angturbin. (See Ljungström, Fredrik, assignor.)

Aktiebolaget Ljungström Angturbin. (See Ljungstrom, F., and Broberg, assignors.)

Aktiebolaget Ljungströms Angturbin. (See Ljungstrom, F., Broberg, and Eriksson, assignors.)

Aktiebolaget Optimus. (See Nyström, Knut E. R., assignor.)

Aktiebolaget Precisionsmätt. (See Lundin, Carl W., assignor.)

Aktiebolaget Separator. (See Forsberg, Erik A., assignor.)

Aktiebolaget Stille-Werner. (See Nordin, Josef A., assignor.)

Aktiebolaget Svenska Kullagerfabriken. (See Staake, Emil, assignor.)

Aktiebolaget Svenska Kullagerfabriken. (See Winggvist, Erik H., assignor.)

Aktiebolaget Svenska Kullagerfabriken. (See Wingquest, Sven G., assignor.)

Aktiebolaget Svenska Kullagerfabriken. (See Wingquist, Sven G., assignor.)

Aktiebolaget Syrefast Murning. (See Ekström, Per G., assignor.)

Aktiebolaget Wigelius Motorer. (See Wigelius, Sven G., assignor.)

Aktiebolaget Wigelius Motorer. (See Wigelius, S. G., and Uhr, assignors.)

Aktiengesellschaft Brown, Boveri & Cie. (See Buchli, Jacob, assignor.)

Aktiengesellschaft Brown Boveri & Cie. (See Gaudenzi, Arthur, assignor.)

Aktiengesellschaft Brown Boveri & Cie. (See Jonas, J., and Seitz, assignors.)

Aktiengesellschaft, Brown Boveri & Cie. (See Meyer, Adolf, assignor.)

Aktiengesellschaft Brown, Boveri & Cie. (See Kubler, Johann, assignor.)

Aktiengesellschaft der Maschinenfabriken Escher Wyss & Cie. (See Guyer, H., and Rüegger, assignors.)

Aktiengesellschaft der Maschinenfabriken Escher Wyss & Cie. (See Weishäupl, Joseph, assignor.)

Aktiengesellschaft Kummler & Matter. (See Wirth-Frey, Elias, assignor.)

Aktiengeseuschaft vorm. Adolf Finze & Co. (See Förster, Paul, assignor.)

Aktieselskabet Labrador. (See Mejdell, Thor, assignor.)

Aktieselskapet Turbo-Separator. (See Rasch, Ludvik, assignor.)

Aktieselskapet Zink, et. al. (See Ræder, Björn, assignor.)

Aladdin Cinema Co. Inc. (See Carter, Clark E., assignor.)

Alarie, Frank C., Troy, N. Y. Internal-combustion engine. 1,464,164; Aug. 7.

Aland, Richard C., assignor of one-half to H. H. Knepper, Detroit, Mich. Oil-refining device. 1,471,374; Oct. 23.

Albach, Frank. (See Medart, P. S., and Albach.)

Albanese, Leo, Brooklyn, N. Y. Watch. 1,472,350; Oct. 30.

Albano, Ernesto, Turin, assignor to C. Ferreri, Carrù, Cuneo, Italy. Hydraulic whisk. 1,473,454; Nov. 6.

Albany Paper Mill Machinery Company. (See Crandell, Willis S., assignor.)

Albany Perforated Wrapping Paper Company. (See Crandell, Willis S., assignor.)

Alben, Frank L., and H. A. Houston, Wilkinsburg, Pa., assignors to Westinghouse Electric & Manufacturing Company. Integral cab-frame structure. 1,466,262; Aug. 28.

Alber, Eugen, Basel, Switzerland. Electric lamp. 1,465,293; Aug. 21.

Alberger, Alvan H., New York, N. Y. Driving mechanism for agitators. 1,450,660; Apr. 3.

Albert, August, Munich, Germany. Producing new aromatic compounds containing carbonylgroups with trivalent arsenic. Re15,557; Mar. 6.

Albert, August, Munich, Germany, assignor to The Roessler & Hasslacher Chemical Company, New York, N. Y. Producing new organic arsenic compounds. 1,472,778; Nov. 6.

Albert, Fred, Mexico, Me. Coal cart. 1,468,551; Sept. 18.

Albert, George D., Minneapolis, Minn. Vehicle trailer. 1,442,035; Jan. 16.

Albert, Samuel, New York, N. Y. Vanity case. 1,453,563; May 1.

Albert, Walter P., Newark, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Controlling system. 1,449,573; Mar. 27.

Albertoni, John A., Akron, Ohio. Mailing tube. 1,473,393; Nov. 6.

Alberts, Jacob L., New York, N. Y. Corset construction. 1,457,482; June 5.

Albertson, Etta. (See Greene, Ida, assignor.)

Albin, Fred L., Kiowa, Colo. Halter strap. 1,474,340; Nov. 20.

Albo, Agostino, and V. Masellis, San Jose, Calif. Gauge. 1,464,839; Aug. 14.

Alborn, Frans G., Milford, assignor, by mesne assignments, to The Locomobile Company, Bridgeport, Conn. Motor vehicle. 1,441,052; Jan. 2.

Alborn, Frans G., Milford, assignor, by mesne assignments to The Locomobile Company, Bridgeport, Conn. Housing for machinery. 1,444,020; Feb. 6.

Alborn, Frans G., Milford, assignor, by mesne assignments, to The Locomobile Company, Bridgeport, Conn. Lamp mounting for vehicles. 1,446,441; Feb. 27.

Alborn, Frans G., Milford, assignor, by mesne assignments, to The Locomobile Company, Bridgeport, Conn. Battery mounting and housing. 1,465,660; Aug. 21.

Albrecht, Carl A., Columbus, Ohio. Metallic grave vault. 1,473,534; Nov. 6.

Albrecht, Frederick M., Stratford, Conn. Tappet silencer. 1,475,557; Nov. 27.

Albrecht, John, Kewaunee, Wis. Box-making machine. 1,460,693; July 3.

Albrecht, George F., assignor to Woonsocket Machine & Press Co., Inc., Woonsocket, R. I. Cap bar for roving and spinning frames, etc. 1,443,111; Jan. 23.

Albrecht, George F., assignor to Woonsocket Machine & Press Co., Woonsocket, R. I. Weighting device for drawing frames. 1,449,929; Mar. 27.

Albright, Andrew, jr., Maplewood, N. J. Lather brush. 1,475,673; Nov. 27.

Albright, Chester E., Philadelphia, Pa., assignor to Revere Rubber Company. Table bolster for use in the treatment of skins and hides. 1,443,721; Jan. 30.

Albright, Donald S., assignor to The Limoges China Company, Sebring, Ohio. Ware rack. 1,441,718; Jan. 9.

Albright, Neil T., assignor to Kokomo Automotive Mfg. Co., Kokomo, Ind. Windshield wing. 1,469,372; Oct. 2.

Albright, Warren W., et al. (See Riddel, Sherrod, assignor.)

Albrighton, Walter R., Thornburg, Iowa. Camping cabinet. 1,478,371; Dec. 25.

Albury, Robert C., Tampa, Fla. Gasoline gauge and strainer. 1,456,352; May 22.

Alchemic Gold Company. (See McElroy, W. J., and Clarke, assignors.)

Alchemic Gold Company Inc. (See Satenstein, Sidney, assignor.)

Alco Deo Company. (See Hoffman, Alfred, assignor.)

Alcock, Frederick A., Armadale, near Melbourne, Victoria, Australia. Combined talking-machine cabinet and writing desk. 1,470,133; Oct. 9.

Aldeen, Wilhelm G., Rockford, Ill. Automatic screw machine. 1,474,132; Nov. 13.

Alden, Charles A., Steelton, Pa. Making railway frogs and product thereof. 1,442,919; Jan. 23.

Alphabetical list of patentees—Continued.

Alden, Charles A., Steelton, Pa. Railway frog and making same. 1,442,920; Jan. 23.
Alden, Herbert W., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Differential construction. 1,445,864; Feb. 20.
Alden, Herbert W., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Differential construction. 1,445,865; Feb. 20.
Alden, James B., assignor of one-half to L. Hanby, Van, Pa. Buggy spindle. 1,446,492; Feb. 27.
Alden, Vern E., Wilkinsburg, Pa., assignor to Westinghouse Electric and Manufacturing Company. Current-limiting reactance coil. 1,467,771; Sept. 11.
Aldendorff, Fritz, Berlin-Wilmersdorf, Germany. Telephone-exchange system. 1,459,175; June 19.
Aldendorff, Fritz, Wilmersdorf, Berlin, Germany. Automatic switch for interconnecting lines. 1,472,351; Oct. 30.
Alderman, Eugene R., Holyoke, Mass. Doffing apparatus. Re15,604; May 15.
Aldobilt Company. (See Harrington, Clinton O., assignor.)
Alden Company, The. (See Roe, Emil W. K., assignor.)
Aldrich, Alfred P., and G. R. Barksdale, Greenwood, S. C. Self-locking bolt for hasps. 1,440,949; Jan. 2.
Aldrich, James H., Oakland, Calif. Nut-shelling machine. 1,461,410; July 10.
Aldrich, Thomas B., assignor to Parke, Davis & Company, Detroit, Mich. Esters of trihalogentertiary butyl-alcohol and forming same. 1,443,552; Jan. 30.
Aldrich, Thomas B., assignor to Parke, Davis & Company, Detroit, Mich. Nitrobenzoic acid esters of trihalogentertiary butyl-alcohol. 1,451,357; Apr. 10.
Aldrich, William T., Chicopee, Mass., assignor to A. G. Spalding & Bros., New York, N. Y. Tennis racket. 1,472,202; Oct. 30.
Aldridge, Ernest W., Vinson, Okla. Mattress. 1,475,771; Nov. 27.
Aldridge, Harry G., assignor to Huther Bros. Saw Mfg. Co., Inc., Rochester, N. Y. Cutter head. 1,459,760; June 26.
Aldridge, William H., Winnipeg, Manitoba, Canada. Tire carrier. 1,446,535; Feb. 27.
Alexander, Albert M., Valley Mills, Tex. Foot accelerator. 1,453,651; May 1.
Alexander, Allan W., Pittston, Pa. Book hanger and protector. 1,442,112; Jan. 16.
Alexander, Armstead M., Independence, Mo. Confection and making the same. 1,459,078; June 19.
Alexander, Charles W., et al. (See Pearce, Charles E., assignor.)
Alexander, Claude H., Oxford, Pa. Device for pulling bearing cups, sleeves, and the like. 1,459,131; June 19.
Alexander, Duane W., Akron, Ohio. Automobile heater. 1,448,325; Mar. 13.
Alexander, Edward, Seattle, Wash. Collapsible stool. 1,477,233; Dec. 11.
Alexander and Garsed, Inc. (See Garsed, Edward T., assignor.)
Alexander, Harris, San Antonio, Tex. Tire. Des. 63,019; Sept. 18.
Alexander, Harry H., Westfield, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Recovering tin from impure ores. 1,461,957; July 17.
Alexander, Henry W., jr., Philadelphia, Pa. Candy mint. Des. 62,213; Apr. 17.
Alexander, Hugh, Cleveland, Ohio. Insect exterminator. 1,473,535; Nov. 6.
Alexander, Jesse F. (See Lucas, A. F. G., and Alexander.)
Alexander, John H., Victoria, British Columbia, Canada. Port light. 1,449,720; Mar. 27.
Alexander, John R., New Albany, Ind., assignor of one-half to T. Alexander, Toledo, Ohio. Vehicle signal. 1,453,428; May 1.
Alexander, John R., Memphis, Tenn. System for distributing packages. 1,457,204; May 29.
Alexander, John R., New Albany, Ind., assignor of one-third to T. Alexander, Toledo, Ohio. Railway signaling mechanism. 1,464,797; Aug. 14.
Alexander, Johnston R., Liverpool, assignor to J. G. A. Kitchen, Lancaster, G. H. Fraser, and J. R. O'Hanlon, Liverpool, England. Reversing rudders. 1,449,803; Mar. 27.
Alexander, Johnston R., Birkenhead, assignor to J. G. Kitchen, Lancaster, G. H. Fraser and J. R. O'Hanlon, Westwold, Liverpool, England. Outboard-motor driving, steering, and reversing mechanism. 1,467,521; Sept. 11.
Alexander, Mary, Harrow, England. Washing machine. 1,449,574. Mar. 27
Alexander, Peter P., Lynn, Mass., assignor to General Electric Company. Arc-welding apparatus. 1,440,711; Jan. 2.
Alexander, Robert E., Tulsa, Okla. Jack frame for oil wells. 1,466,573; Aug. 28.
Alexander, Thomas. (See Alexander, John R., assignor.)
Alexander, Truman J., Ashland, Ky. Nail-forming machine. 1,442,989; Jan. 23.
Alexander, William S., Elsmere, Del. Washer. 1,450,625. Apr. 3.
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Control system. 1,461,571; July 10.
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Unidirectional radio receiving system. 1,465,108; Aug. 14.
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Wireless signaling system. 1,465,961; Aug. 28.
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Wireless signaling system. 1,465,962; Aug. 28.
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. High-frequency signaling system. 1,466,263; Aug. 28.
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Radio receiving system. 1,477,413; Dec. 11.
Alford, Robert, Lenoir City, Tenn. Engine piston. 1,468,621; Sept. 25.
Alfreds, Torris H. (See Dean, J. H., and Alfreds.)
Alfrey, William T., Seattle, Wash. Setwork. 1,472,111; Oct. 30.
Alger, Harley C. (See Frazier, P., Pachter, Ackley and Alger.)
Algoma Steel Corporation, Limited. (See Stenbol, Carl, assignor.)
Alice, Princess Andrew of Greece, St. Cloud, France. Crimper. 1,459,132; June 19.
Alinall Manufacturing Company. (See Allen, Walter B., assignor.)
Alink, Benjamin F., Spring Valley, Minn. Insect-catching device. 1,474,427; Nov. 20.
All Metal Products Company. (See Schmidt, William F., assignor.)
Allan, Alexander, Middletown, R. I. Salvaging method and apparatus. 1,469,574; Oct. 2.
Allan, James M., et al. (See Creigh, John I., assignor.)
Allan, John R., Boston, assignor to Hanlon Locomotive Sander Company, Winchester, Mass. Engineer's valve for pneumatic sanders. 1,463,188; July 31.
Allan, John W., Minneapolis, Minn. Furnace. 1,446,145; Feb. 20.
Allan, Ronald G., Brisbane, Queensland, Australia. Silencer for use in connection with internal-combustion engines. 1,468,895; Sept. 25.
Allan, William G., Toronto, Ontario, Canada. Coupling. 1,441,200; Jan. 9.
Allan, William G., assignor to The Toronto Power Company, Limited, Toronto, Ontario, Canada. Electrolytic cell structure. 1,464,689; Aug. 14.
Allan, William G., assignor to The Toronto Power Company, Limited, Toronto, Ontario, Canada. Electrolytic apparatus. 1,464,840; Aug. 14.
Allard, Andrew J., assignor to The Sales Corporation, Washington, D. C. Automatic fluid-operated valve. 1,441,472; Jan. 9.
Allard, George M., Spokane, Wash. Gate mechanism. 1,469,351; Oct. 2.
Allard, J. Frank, Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,454,613; May 8.
Allard, J. Frank, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,467,220; Sept. 4.
Allard, Pierre, Paris, France. Machine for the manufacture of pipe by the action of centrifugal force. 1,465,153; Aug. 14.
Allbin, Sim E., assignor to Mayer Life Boat Co. Inc., Seattle, Wash. Lifeboat release. 1,475,617; Nov. 27.
Allbin, Sim E., assignor to Mayer Life Boat Co. Inc., Seattle, Wash. Lowering and raising drum for lifeboats. 1,477,529; Dec. 18.
Allbright, Edwin F., Wollaston, assignor, by mesne assignments, to Grid Flat Slab Corporation, Boston, Mass. Concrete construction. 1,476,572; Dec. 4.
Allbright-Nell Company, The. (See Buckham, Henry B., assignor.)
Allbright-Nell Co., The. (See Harris, John P., assignor.)
Allbright-Nell Co., The. (See Johnson, Walter J. O., assignor.)
Allbright-Nell Company, The. (See Kohlhepp, John W., assignor.)
Allbright-Nell Co., The. (See Lundell, Alvin O., assignor.)
Allcutt, Chester T., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Wireless receiving system. 1,440,432; Jan. 2.
Allcutt, Chester T., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrical measuring system. 1,443,553; Jan. 30.
Allcutt, Chester T., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Wireless amplifier. 1,450,275; Apr. 3.
Allcutt, Chester T., Wilkinsburg, Pa., assignor to Westinghouse Electric and Manufacturing Company. Lightning arrester. Re15,653; July 17.
Allcutt, Chester T., Wilkinsburg, Pa., assignor to Westinghouse Electric and Manufacturing Company. Protective device. 1,477,303; Dec. 11.
Allcutt, Chester T., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Protective device. 1,477,304; Dec. 11.
Allcutt, Chester T., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Discharge gap. 1,477,305; Dec. 11.

Allcutt, Chester T., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Protective device. 1,477,306; Dec. 11.
Allcutt, Chester T., Pittsburgh, Pa., assignor to Westinghouse Electric and Manufacturing Company. Protective device. 1,477,307; Dec. 11.
Allday, Clifford. (See Williams, Leslie E., assignor.)
Allebrand, Charles W., and C. G. Guyatt, Duquesne, Pa. Arm support. 1,451,561; Apr. 10.
Allegretti, Giacomo, Stockton, Calif. Method of and apparatus for making phonograph records. 1,462,729; July 24.
Alleman, John, assignor to A. Amsler, Philadelphia, Pa. Machine for cutting keyways. 1,465,460; Aug. 21.
Allen, Abbott, Dunellen, and T. J. Mumford, 2d, assignors, by mesne assignments, to R. S. Mumford, Plainfield, N. J. Molding machine. 1,474,612; Nov. 20.
Allen, Adolphus M., Minneapolis, Minn. Oil burner. 1,459,133; June 19.
Allen, Albert J. (See Johnson, Frans O., assignor.)
Allen, Alfred E., et al. (See Beingessner, Albert J., assignor.)
Allen, Arthur F., A. F. McCoy, New York, N. Y., and R. O. Sternberger, Newark, N. J., assignors to Tidewater Paper Mills Company, Brooklyn, N. Y. Skimming apparatus. 1,474,397; Nov. 20.
Allen Auto Specialty Company, The. (See Allen, William A., assignor.)
Allen, Basil M. (See House, Ernest W., assignor.)
Allen, Broadus S., Gaffney, S. C., assignor, by mesne assignments, to M. B. Lipscomb. Folding crate. 1,452,404; Apr. 17.
Allen, Byron, Southington, Conn. Drop board for drop presses. 1,455,420; May 15.
Allen, Calvin H., Mattapan, and A. C. Henderson, Brookline, Mass. Personal propelling device. 1,474,952; Nov. 20.
Allen, Charles, El Paso, Tex. Launder. 1,443,607; Jan. 30.
Allen, Charles, El Paso, Tex. Classifier and dewaterer. 1,447,610; Mar. 6.
Allen, Charles, El Paso, Tex. Slime-pulp thickener. 1,452,016; Apr. 17.
Allen, Charles, El Paso, Tex. Slime-pulp thickener. 1,472,317; Oct. 30.
Allen, Charles H., Attleboro, Mass. Collar button. 1,458,607; June 12.
Allen, Charles J., C. P. Wilden, and C. M. Wilden, Portland, Oreg. Mattress. 1,444,861; Feb. 13.
Allen, Charles L., Claremont, Va. Poultry nest. 1,477,861; Dec. 18.
Allen, Charles M. (See Lyon, Robert N., assignor.)
Allen, Charles R., assignor to The Ashtabula Bow Socket Company, Ashtabula, Ohio. Top for vehicles and the like. 1,464,193; Aug. 7.
Allen, Charles R., assignor to The Ashtabula Bow Socket Company, Ashtabula, Ohio. Foldable vehicle top. 1,470,589; Oct. 16.
Allen, Charles R., assignor to The Ashtabula Bow Socket Company, Ashtabula, Ohio. Top for vehicles and the like. 1,470,590; Oct. 16.
Allen, Charles S., Dawson, Ga. Tractor. 1,461,642; July 10.
Allen Company, The. (See Hodgetts, Harold W., assignor.)
Allen & Co. (See Rappleye, Frank A., assignor.)
Allen, David, New York, N. Y. Adjustable article receiver for vending machines. 1,450,058; Mar. 27.
Allen, David, New York, N. Y. Coin-changing mechanism. 1,460,878; July 3.
Allen, David, New York, N. Y. Vending machine. 1,460,879; July 3.
Allen, Edward B., Bridgeport, Conn., assignor to The Singer Manufacturing Company. Sewing machine for covering reenforced eyelets. 1,442,842; Jan. 23.
Allen, Edward B., assignor to The Newtown, Conn., Singer Manufacturing Company, Elizabeth, N. J. Stitch-forming mechanism for sewing machines. 1,454,500; May 8.
Allen, Edward B., Newtown, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Gauging device for buttonhole-stitching machines. 1,442,843; Jan. 23.
Allen, Edward E., Rutland, and P. M. M. Phelps, Fair Haven, Vt. Coffin. Des. 62,297; May 1.
Allen, Edward V., Waukegan, Ill. Automobile bumper. 1,455,514; May 15.
Allen, Edwin, assignor of one-half to E. J. King, Galesburg, Ill. Gate fastener. 1,467,990; Sept. 18.
Allen, Elizabeth O. (See Smith, Elmer W., assignor.)
Allen Engineering and Manufacturing Company, The. (See Allen, G. L., and Thompson, assignors.)
Allen, Ernest C., and G. F. Phillips, assignors to Eastman Kodak Company, Rochester, N. Y. Loading fixture for film holders. 1,458,262; June 12.
Allen, Eric C., Ashland, Ala. Advertising device. 1,443,201; Jan. 23.
Allen, Everette and F., Clare, Mich. Road and ditch machine. 1,444,490; Feb. 6.
Allen Filter Company, The. (See Mull, Edgar P., assignor.)
Allen, Florence K., et al. (See Barr, Clarence E., assignor.)
Allen, Florence K., et al. (See Barr, C. E., and Jackson, assignors.)
Allen, Floyd. (See Allen, Everette and F.)
Allen, Frank X., and S. Wilburn, Del Rio, Tex. Engine-cooling system. 1,443,859; Jan. 30.
Allen, George E., Philadelphia, Pa. Feed for thread winders. 1,448,509; Mar. 13.
Allen, George F., Oronogo, Mo. Hydrocarbon-oil burner. 1,450,881; Apr. 3.
Allen, James G., assignor to Allen Screen Company, Detroit, Mich. Window screen. 1,448,176; Mar. 13.
Allen, George H., Clinton, N. Y. Chicken feeder. 1,465,327; Aug. 21.
Allen, George L., Savannah, Ga. Pneumatic apparatus for cleaning, conveying, and recovering lint. 1,460,220; June 26.
Allen, George L., and R. C. Thompson, assignors to The Allen Engineering and Manufacturing Company, Savannah, Ga. Cleaning machine. 1,476,133; Dec. 4.
Allen, George N., and E. H. Benway, assignors to Walter A. Wood Mowing & Reaping Machine Company, Hoosick Falls, N. Y. Manure-spreader body construction. 1,462,996; July 24.
Allen, George P., Los Angeles, Calif. Spring suspension for motor vehicles, etc. 1,452,017; Apr. 17.
Allen, George W., Hyde Park, Boston, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Muffler. 1,457,809; June 5.
Allen, George W. H. (See Collins, W. D., and Allen.)
Allen, Grosvenor N., assignor to Oneida Community, Limited, Oneida, N. Y. Spoon or similar article. Des. 62,973; Sept. 4.
Allen, Grosvenor N., assignor to Oneida Community, Limited, Oneida, N. Y. Spoon or similar article. Des. 62,974; Sept. 4.
Allen, Grosvenor N., assignor to Oneida Community, Limited, Oneida, N. Y. Spoon or similar article. Des. 63,166; Oct. 30.
Allen, Grover C., Detroit, Mich. Bulb holder. 1,474,221; Nov. 13.
Allen, Herbert A., Jefferson Island, Mont. Wrench. 1,440,950; Jan. 2.
Allen, Hiram, Williamsburg, Kans. Rod coupling. 1,459,869; June 26.
Allen, Horace E., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Leer conveyer for sheet glass. 1,450,571; Apr. 3.
Allen, James B., Denver, Colo. Game. 1,474,504; Nov. 20.
Allen, James E., Highland Park, Ill. Container for rubber tires. 1,442,594; Jan. 16.
Allen, James M., et al., trustees. (See Allen, James M., assignor.)
Allen, James M., assignor of one-half to G. Mertens, St. Louis, Mo. Electrical apparatus for producing and collecting gases. 1,467,080; Sept. 4.
Allen, James M., assignor to J. M. Allen, F. P. Smith, and F. D. Tucker, as trustees for the Smith-Allen Battery Company, St. Louis, Mo. Storage battery. 1,474,313; Nov. 13.
Allen, John, Detroit, Mich. Automobile fender. 1,455,468; May 15.
Allen, John D., Philadelphia, Pa. Gearless differential. 1,446,325; Feb. 20.
Allen, John E., assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Tire. Des. 63,276; Nov. 20.
Allen, Joseph W., Clairton, Pa. Pressure regulator. 1,469,871; Oct. 9.
Allen, Julius L., Sacramento, Calif. Farm tractor. 1,459,608; June 19.
Allen, Lemuel L., Luling, Tex. Boll-weevil catcher. 1,466,106; Aug. 28.
Allen, Louis M., assignor to Western Electric Company, Incorporated, New York, N. Y. Controlling system. 1,459,431; June 19.
Allen, Luke, Little Rock, S. C. Movable headlight. 1,478,369; Dec. 25.
Allen Machine Company. (See Pearson, Morris A., assignor.)
Allen, Malcolm O., Newport, Tenn. Cleaner for meter-dial guards. 1,462,018; Apr. 17.
Allen Manufacturing and Welding Corporation, The. (See Schuman, Frank J., assignor.)
Allen, Myron F. (See Martin, C. W., and Allen.)
Allen, Napoleon B., New Hyde Park, N. Y. Hinge for curtain stretchers. 1,463,783; Aug. 7.
Allen, Neal, Pittsburg, Kans. Automatic tile-delivery table. 1,449,027; Mar. 20.
Allen, Neal, Pittsburg, assignor of two-thirds to J. F. Denison, Coffeyville, Kans. Automatic tile-cutting table. 1,476,479; Dec. 4.
Allen, Oglesby, jr., Chicago, Ill. Washing machine. 1,455,378; May 15.
Allen, Oglesby, jr., Chicago, Ill. Washing machine. 1,469,980; Oct. 9.
Allen, Oglesby, jr., assignor to Allen Specialty Company, Chicago, Ill. Spark plug. Re15,713; Nov. 6.
Allen Pressure System Co. Inc. (See Love, Samuel D., assignor.)
Allen, Robert, Woodcote, near Reading, England. Appliance for inserting piston rings or the like in their grooves or removing them therefrom. 1,464,056; Aug. 7.

Alphabetical list of patentees—Continued.

Allen, Robert. Woodcote, near Reading, England. Piston or piston valve. 1,475,772; Nov. 27.
Allen, Robert, Woodcote, Reading, England. Piston. 1,475,773; Nov. 27.
Allen, Robert C., Essington, Pa., assignor to Westinghouse Electric & Manufacturing Company. Turbine blading. 1,469,870; Oct. 9.
Allen, S. L. & Co. (See Mader, Joseph, assignor.)
Allen, S. L., & Co. (See Warren, William C., assignor.)
Allen, Scott E. (See Wiswell, O. N., and Allen.)
Allen Screen Company. (See Allen, James G., assignor.)
Allen Specialty Company. (See Allen, Oglesby, jr., assignor.)
Allen, Thomas B., Hamilton, Ontario, Canada, assignor to Abrasive Company, Philadelphia, Pa. Manufacturing aluminous abrasives. 1,448,586; Mar. 13.
Allen, Thomas G., Westminster, London, England. System of raising liquids. 1,444,442; Feb. 6.
Allen, Van Buren, Brooklyn, assignor of one-half to W. Klingberg and W. E. Klingberg, New York, N. Y. Prison lock. 1,454,145; May 8.
Allen, Victor M., Waverly, N. Y. Ventilating window shade. 1,470,044; Oct. 9.
Allen, W. P., et al., trustees. (See Paul, Christian F., jr., assignor.)
Allen, Walter B., Attleboro, Mass. Sanitary drinking device. 1,469,771; Oct. 9.
Allen, Walter B., assignor to Alinall Manufacturing Company, Worcester, Mass. Interior-wall finish. 1,477,096; Dec. 11.
Allen, Will D., Farmington, N. H. Enameling rack. 1,452,821; Apr. 24.
Allen, William A., et al. (See Allen, William A., assignor.)
Allen, William A., assignor to The Allen Auto Specialty Company, New York, N. Y. Radiator jacket. 1,449,367; Mar. 27.
Allen, William A., assignor to W. A. Allen and H. C. Stadtlander, Indianapolis, Ind. Taper gauge. 1,476,573; Dec. 4.
Allen, William G., Hartford, Conn. Punch press. 1,444,650; Feb. 6.
Allen, William G., Hartford, Conn. Feeding mechanism for dieing and other machines. 1,454,841; May 15.
Allen, William G., Salem, Oreg. Preserving fruit and the like. 1,467,746; Sept. 11.
Allen, William H., Cleveland, Ohio. Mausoleum. 1,453,375; May 1.
Allen, William H., Detroit, Mich. Polish for enameled surfaces. 1,474,133; Nov. 13.
Allen, William M. (See Bloom, David, assignor.)
Allen, William S., Chicago, Ill. Golf club. 1,455,379; May 15.
Alles, William J., and S. C. Probert, assignors to Dodge Brothers, Detroit, Mich. Cylinder-lapping machine. 1,472,379; Oct. 30.
Alles, William J., and S. C. Probert, assignors to Dodge Brothers, Detroit, Mich. Lapping-machine tool. 1,472,422; Oct. 30.
Alley, Joe D., Eagle Lake, Tex. Safety device for hydraulic presses. 1,441,775; Jan. 9.
Allgrunn, Carl G., assignor to Niagara Sprayer Co., Middleport, N. Y. Crop-dusting machine. 1,455,561; May 15.
Alliance Machine Company, The. (See Clark, Harold W., assignor.)
Alling, Francis W., Winsted, Conn. Hairpin holder. 1,465,619; Aug. 21.
Allingham, James, Chicago, Ill. Mechanical movement. 1,459,963; June 26.
All-In-One Manufacturing Company, Incorporated. (See Lieberthal, Robert H., assignor.)
Allion, George B., Wauseon, Ohio. Verminproof poultry perch. 1,443,333; Jan. 30.
Allis-Chalmers Manufacturing Company. (See Brown, Arthur J., assignor.)
Allis-Chalmers Manufacturing Company. (See Cheney, Herbert W., assignor.)
Allis-Chalmers Manufacturing Company. (See Dahlstrand, Hans P., assignor.)
Allis-Chalmers Manufacturing Company. (See Holthoff, Henry C., assignor.)
Allis-Chalmers Manufacturing Company. (See Jeffrey, Fraser, assignor.)
Allis Chalmers Manufacturing Company. (See Kollberg, Gustaf L., assignor.)
Allis-Chalmers Manufacturing Company. (See Kustermann, Walter W., assignor.)
Allis-Chalmers Manufacturing Company. (See Lieber, William H., assignor.)
Allis-Chalmers Manufacturing Company. (See Mortensen, Soren H., assignor.)
Allis-Chalmers Manufacturing Company. (See Motter, William N., assignor.)
Allis-Chalmers Manufacturing Company. (See Nagler, Forrest, assignor.)
Allis-Chalmers Manufacturing Company. (See Newhouse, Ray C., assignor.)
Allis-Chalmers Manufacturing Company. (See Nichols, Louis C., assignor.)
Allis-Chalmers Manufacturing Company. (See Patitz, Johann F. M., assignor.)
Allis-Chalmers Manufacturing Company. (See Powell, William H., assignor.)
Allis-Chalmers Manufacturing Company. (See Search, Charles E., assignor.)
Allis-Chalmers Manufacturing Company. (See Stemmler, Edwin F., assignor.)
Allis-Chalmers Manufacturing Company. (See Wilkinson, Nathan, assignor.)
Allis-Chalmers Manufacturing Company. (See Williamson, Robert B., assignor.)
Allis, Louis, Company, The. (See Barr, John M., assignor.)
Allison Bishopric. (See Cooper, Simon, assignor.)
Allison, Campbell, St. Louis, Mo. Railway rail. 1,478,161; Dec. 18.
Allison, Charles R., Peekskill, N. Y. Fire-resisting composition. 1,444,051; Feb. 6.
Allison Coupon Company. (See Jones, G. F., and Allison, assignors.)
Allison Experimental Company. (See Trosky, C. L., and Marsh, assignors.)
Allison, Fred, assignor to Ford Motor Company of Delaware, Detroit, Mich. Starting and lighting system. 1,478,196; Dec. 18.
Allison, James F., McMinnville, Tenn. Trap. 1,464,399; Aug. 7.
Allison, John H. (See Jones, G. F., and Allison.)
Allison, Thomas C., Hohenwald, Tenn. Automatic saw set. 1,466,328; Aug. 28.
Allison, Walter B., assignor to Harvey Rim and Wheel Company, Inc., Buffalo, N. Y. Disk wheel structure. 1,464,917; Aug. 14.
Allison, William S., Denver, Colo. Headlight lens. 1,445,282; Feb. 13.
Allith-Prouty Company. (See Adams, Harry A., assignor.)
Allith-Prouty Company. (See Graham, Henry H., assignor.)
Allith-Prouty Company. (See Older, Roy B., assignor.)
Allnutt, Benjamin F., Chicago, Ill. Filling tube for liquid receptacles. 1,451,136; Apr. 10.
Alloway, Alexander, Erie, assignor to Erie Art Metal Company, Millcreek Township, Erie County, Pa. Sheet-metal article. 1,474,923; Nov. 20.
Alloys Company, The. (See Newell, Minton H., assignor.)
Allport, Henry W., Chicago, Ill. Pocket stove. 1,475,163; Nov. 27.
Allred, Abraham L., Corydon, Iowa. Combination animal crate. 1,462,755; July 24.
All Rite Company. (See Murphy, Morton, assignor.)
Allshouse, Reuben R., Freedom, Pa. Metallic railway tie and chair. 1,450,967; Apr. 10.
Allsop, Thomas, and W. W. Sibson, assignors to The Philadelphia Drying Machinery Company, Philadelphia, Pa. Carpet-drying machine. 1,455,755; May 15.
Allsop, Thomas, and W. W. Sibson, assignors to The Philadelphia Drying Machinery Company, Philadelphia, Pa. Drying machine. 1,467,260; Sept. 4.
All-Steel-Equip Company. (See Carr, John E., assignor.)
Allward, Walter, Vancouver, Canada. Drill-holding magazine. 1,465,506; Aug. 21.
Allworth, Frank E., assignor to Kalamazoo Paper Box Company, Kalamazoo, Mich. Display box. 1,450,477; Apr. 3.
Allwright, Sidney E., Houston, Tex. Gauge. 1,460,563; July 3.
Ally Company. (See Bullock, Samuel A., assignor.)
Allyn, Harley H., Atlantic City, N. J. Self-sealing tire tube. 1,474,011; Nov. 13.
Allyn, Robert S., trustee. (See Clark, Norris E., assignor.)
Allyne-Zerk Company, The. (See Zerk, Oscar, assignor.)
Alm, Einar E., Stockholm, Sweden. Target-practice apparatus. 1,476,676; Dec. 11.
Alma Manufacturing Company of Baltimore City. (See Kerngood, Allen H., assignor.)
Almagro, Roberto, Habana, Cuba. Bagasse and liquid-fuel furnace. 1,478,418; Dec. 25.
Almedia, Jose M., assignor of one-half to F. W. Johnson, Rock Springs, Wyo. Pie cutter and crimper. 1,442,635; Jan. 16.
Almedia, Jose M., Rock Springs, Wyo. Rotary printing machine. 1,461,594; July 10.
Almes, William E., Racine, Wis. Vacuum tank for carburetor. 1,442,511; Jan. 16.
Almorth, Gustav A., Wallingford, Conn. Toilet seat. 1,441,719; Jan. 9.
Almquist, Leopold, assignor to American Car and Foundry Company, New York, N. Y. Cane car. 1,452,486; Apr. 24.
Almy, Charles A. (See Light, Henry B., assignor.)
Aloe, A. S. Company. (See Aloe, Albert S., assignor.)
Aloe, Albert S., assignor to A. S. Aloe Company, St. Louis, Mo. Advertising device. 1,466,107; Aug. 28.
Alonzi, Loreto, Chicago, Ill. Tea table. 1,463,540; July 31.
Alpern, Maxwell, assignor to American Engineering Company, Philadelphia, Pa. Stoker. 1,443,202; Jan. 23.
Alpiner, Benjamin W., Kankakee, Ill. Collapsible lap-board for card players. 1,462,471; July 24.
Alquist, Karl, New York, N. Y. Marine propeller brake. 1,442,844; Jan. 23.
Alquist, Karl, New York, N. Y. Gearing. 1,459,964; June 26.

Alquist, Karl, New York, N. Y. Gearing for marine propulsion and the like. 1,462,316; July 17.
Alsager, Arne O., Willow Creek Township, Lee County, Ill. Comb cleaner. 1,458,018; June 5.
Alschuler, Ernest, New York, N. Y. Battery hand lamp. 1,445,193; Feb. 13.
Alschuler, Ernest, St. Louis, Mo., assignor to United States Electric Manufacturing Corporation, New York, N. Y. Battery handlamp. 1,458,124; June 12.
Alseth, Stengrim, Minneapolis, Minn. Portable merry-go-round. 1,474,341; Nov. 20.
Alsfasser, Joseph, Chicago, Ill. Pressed-metal fastening bracket for pipe-damper regulators. 1,469,375; Oct. 2.
Alsop, James N., Owensboro, Ky., assignor to Packer's Meat Smoking Corporation, Chicago, Ill. Apparatus for producing smoke. 1,447,401; Mar. 6.
Alsop, Samuel, New York, N. Y. Filter. 1,472,896; Nov. 6.
Alspach, Chester B., Canal Winchester, Ohio. Hog feeder. 1,449,485; Mar. 27.
Alspaugh, James S., Portsmouth, Ohio. Gear-shifting mechanism. 1,456,496; May 29.
Alspaugh, James S., Portsmouth, Ohio. Gear-shift mechanism. 1,462,530; July 24.
Alston, Edward T. (See Turner, R. C., and Alston.)
Alstott, James W., assignor of one-half to A. Earl, Fort Dodge, Iowa. Advertising display device. 1,475,041; Nov. 20.
Altamura, Pasquale, assignor to Simplex Metal Spinning & Stamping Co Inc., New York, N. Y. Holder for electric-light fixtures. 1,477,798; Dec. 18.
Alten, Victor Graf v., Berlin-Wilmersdorf, Germany. Worm gearing. 1,449,205; Mar. 20.
Altenberg, George P., assignor to The Icy-Hot Bottle Company, Cincinnati, Ohio. Heat-insulated jar and casing therefor. 1,445,056; Feb. 13.
Altenburg, Arthur C., Milwaukee, Wis. Shirt sleeve with detachable cuff. 1,453,779; May 1.
Altenkirch, Edmund, Fredersdorf, near Alt-Landsberg, assignor to Siemens-Schuckertwerke Gesellschaft mit beschränkter Haftung, Siemensstadt, near Berlin, Germany. Refrigerating apparatus of the absorption type. 1,455,701; May 15.
Altenkirk, Frank J., St. Louis, Mo. Rubber heel. 1,470,045; Oct. 9.
Alter, Charles N., Alliance, Ohio. Electric switch. 1,452,333; Apr. 17.
Alter, Harry N., Chicago, Ill. Luminous pull-chain pendant. 1,444,296; Feb. 6.
Alter, Herbert F. (See Moore, W. E., Alter, Hanff, Eckley, and Wright.)
Alter, Julius M., Brooklyn, N. Y. Safety attachment for automobiles. 1,458,205; June 12.
Altfeld, Mandle. (See Raubert, Frank T., assignor.)
Altgelt, Herman E., New Braunfels, Tex., assignor to Oliver Chilled Plow Works, South Bend, Ind. Power-lift mechanism for plows. 1,453,537; May 1.
Altgelt, Herman E., assignor to Oliver Chilled Plow Works, South Bend, Ind. Clutch mechanism for power lifts. 1,466,202; Aug. 28.
Altgelt, Rudolph J., assignor to Oliver Chilled Plow Works, South Bend, Ind. Screw device. 1,448,426; Mar. 13.
Althaus, Heinrich, and J. Fangmann, Dyersville, Iowa. Counter and register. 1,454,614; May 8.
Althoff, Walter, assignor to Geneva Cutlery Corporation, Geneva, N. Y. Adapter for safety razors. 1,453,487; May 1.
Althouse, Wilson D., Philadelphia, Pa. Method of and apparatus for separating coal and like substances and impurities mingled therewith. 1,455,469; May 15.
Altman, Helen S., Elcho, Wis. Handle for pie pans. 1,462,880; July 24.
Altman, John B., Aurora, Ill. Windmill. 1,465,592; Aug. 21.
Altmann, George E., Washington, D. C. Drip-pan alarm. 1,449,575; Mar. 27.
Altmeier, Joseph, Evansville, Ind. Violin. 1,457,415; June 5.
Alton, Isaac S., Oxford, Kans. Elevator dump. 1,460,635; July 3.
Altorfer, Alpheus W., Peoria, assignor to Altorfer Bros. Co., East Peoria, Ill. Driving mechanism for washing machines. 1,460,191; June 26.
Altorfer Bros. Co. (See Altorfer, Alpheus W., assignor.)
Altschuler, Joseph, and D. Isnow, Los Angeles, Calif., assignors to Keyograph Corporation. Film-numbering machine. 1,448,906; Mar. 20.
Altwegg, Jean, Lyon, assignor to Societe Chimique des Usines du Rhone, Paris, France. Preparation of basic salicylate of aluminum. 1,447,501; Mar. 6.
Altz, Horace G., and F. F. Fearheiley, East Moline, Ill. Tire-valve tester. 1,472,712; Oct. 30.
Aluminum Company of America. (See Acton, Edward H., assignor.)
Alumbaugh, Frank C., St. Joseph, Mo., assignor, mesne assignments, to Ace Doughnut Machine Company, Springfield, Ill. Machine for making doughnuts. 1,447,166; Mar. 6.
Aluminum Company of America. (See Archer, R. S., and Jeffries, assignors.)
Aluminum Company of America. (See Edwards, Junius D., assignor.)
Aluminum Company of America. (See James, Lewis R., assignor.)
Aluminum Company of America. (See Salisbury, Robert F., assignor.)
Aluminum Company of America. (See Souder, Charles W., assignor.)
Aluminum Company of America. (See Varney, Theodore, assignor.)
Aluminum Manufactures, Incorporated. (See Brand, Harold H., assignor.)
Aluminum Manufactures, Inc. (See Guyot, Marius, assignor.)
Aluminum Manufactures, Incorporated. (See Hook, Henry C., assignor.)
Aluminum Manufacturers, Incorporated. (See Norton, Allen B., assignor.)
Aluminum Manufactures, Incorporated. (See Parkhurst, Frederic A., assignor.)
Aluminum Products Company. (See Reed, John L., assignor.)
Aluminum Seal Company. (See Shull, Frederick G., assignor.)
Aluminum Seal Company. (See Sharpe, John E., assignor.)
Aluminum Seal Company. (See Stockton, Frank W., assignor.)
Alvarado Mining and Milling Company. (See Hirt, Jules H., assignor.)
Alvarez, Justo, Flushing, N. Y. Shoe lace. 1,476,677; Dec. 11.
Alvarez, Miguel, Santiago, Chile. Rail joint. 1,473,330; Nov. 6.
Alvey Manufacturing Company. (See Bretzfelder, Ira L., assignor.)
Alvey Manufacturing Company. (See Rebstock, August, assignor.)
Alvord, Burt C., and C. A. Gilmer, Le Grand, Calif. Air moistener for internal-combustion engines. 1,444,897; Feb. 13.
Alvord, Earl B. (See Howard, H., and Alvord.)
Alward, George T. (See Noland, David E., assignor.)
Alwart, Paul J., Chicago, Ill. Screening apparatus. 1,457,810; June 5.
Aman, Josephine. (See Hartenstein, Willy, assignor.)
Amadon, Charles S., assignor to The J. N. Lapointe Company, New London, Conn. Broaching apparatus. 1,465,203; Aug. 14.
Amador, Joseph E., New York, N. Y. Safety fender for automobiles. 1,462,928; July 24.
Amato, Irving J., assignor of one-half to R. D. Tufts,
Amberg, Walter E., assignor to W. O. Peterson and B. L. Engelke, Chicago, Ill. Printing press. 1,456,292; May 22.
Amberton, Richard, London, England. Spring relief bolts and inclosures embodying same. 1,472,405; Oct. 30.
Ambler, George B., assignor to F. A. Whitney Carriage Company, Leominster, Mass. Filling-control mechanism for looms. 1,476,480; Dec. 4.
Ambrose, Joseph, assignor to Michigan Smelting and Refining Company, Detroit, Mich. Die-casting machine. 1,470,672; Oct. 16.
Ambursen, Nils F., Pittsburgh, Pa., assignor to Uni-Form Company. Means for supporting nailing strips. 1,466,264; Aug. 28.
Ambursen, Nils F., Pittsburgh, Pa., assignor to Uni-Form Company. Mold form. 1,470,673; Oct. 16.
Ambus, Harry, Cleveland, Ohio. Combined door opener and curtain carrier. 1,464,400; Aug. 7.
Amdursky, Samuel S., assignor to Taylor Instrument Companies, Rochester, N. Y. Automatic valve 1,461,010; July 3.
Amendola, Bartolomeo, San Francisco, Calif. Railway brake. 1,478,881; Dec. 25.
American Abrasive Metals Company. (See Napolitan, Francis J., assignor.)
American Airship Association. (See Link, Walter, assignor.)
American Arch Company. (See Denney, Guy C., assignor.)
American Arch Company. (See Himmelright, Raleigh, assignor.)
American Arch Company. (See Neff, John P., assignor.)
American Arch Company. (See Parish, Le Grand, assignor.)
American Arch Company. (See Willett, Alfred H., assignor.)
American Arch Company. (See Willett, A. H., and Martin, assignors.)
American Art Works. (See Riley, Ray P., assignor.)
American Atmos Corporation. (See Koehler, Frederick W., assignor.)
American Atomized Fuel Company. (See Gentine, Howard I., assignor.)
American Audioscope Co. (See Ries, Elias E., assignor.)
American Auto Lamp Co. (See Berk, William, assignor.)
American Automatic Connector Company, The. (See Barber, Martin A., assignor.)
American Automatic Train Control Corporation. (See Rudolph, Harold V., assignor.)
American Bakery Company. (See Welle, Albert F., assignor.)

Alphabetical list of patentees—Continued.

American Balsa Company. (See Broady, Harry W., assignor.)
American Balsa Company. (See Ranlett, David L., assignor.)
American Balsa Company. (See Welin, Axel, assignor.)
American Bank Note Company. (See Aitchison, Peter, assignor.)
American Bank Note Company. (See Marquardt, Frank C., assignor.)
American Bank Note Company. (See Smith, Amos H., assignor.)
American Bank Note Company. (See Voorhis, William H., assignor.)
American Bank Note Company. (See Woodhull, Daniel E., assignor.)
American Blower Company. (See Hull, Homer, assignor.)
American Blower Company. (See Slater, Emmett J., assignor.)
American Blower Company. (See Watkins, James A., assignor.)
American Bosch Magneto Corporation. (See Bosner, Adolph, assignor.)
American Bosch Magneto Corporation. (See Mayer, Carl A., assignor.)
American Bosch Magneto Corporation. (See Pauly, John, assignor.)
American Bosch Magneto Corporation. (See Rosner, Adolph, assignor.)
American Bosch Magneto Corporation. (See Schwarzmann, Wolfang E., assignor.)
American Box Board Company. (See Bonfield, Emmons W., assignor.)
American Brake Company, The. (See Adreon, R. E., and Cass, assignors.)
American Brake Shoe & Foundry Company, The. (See Jones, Harry, assignor.)
American Brake Shoe & Foundry Company, The. (See Nelson, Albert, assignor.)
American Brake Shoe & Foundry Company, The. (See Thompson, James S., assignor.)
American Bronze Corporation. (See Bramwell, Joseph W., assignor.)
American Buckle Company, The. (See Hodge, Robert J., assignor.)
American Bumper Company. (See McGowen, William R., assignor.)
American Button & Fastener Co. (See Elliott, William E., assignor.)
American Button & Fastener Co. (See Latham, Albert, assignor.)
American Can Co. (See Kratochvil, John, assignor.)
American Can Co. (See Symonds, Clarence M., assignor.)
American Can Company. (See Abbott, Maurice J., assignor.)
American Can Company. (See Butler, William F., assignor.)
American Can Company. (See Cullen, W. J., and Rutkowski, assignors.)
American Can Company. (See De Land, Daniel B., assignor.)
American Can Company. (See Fleischer, Paul W., assignor.)
American Can Company. (See Freundt, Louis J., assignor.)
American Can Company. (See Graham, Charles W., assignor.)
American Can Company. (See Hothersall, John M., assignor.)
American Can Company. (See Hunter, Felix, assignor.)
American Can Company. (See Leighton, George A., assignor.)
American Can Company. (See Miller, Henry, assignor.)
American Can Company. (See Nowack, Charles H., assignor.)
American Can Company. (See Schoendelen, Hugo, assignor.)
American Can Company. (See Taylor, William E., assignor.)
American Can Company. (See Thornburgh, Ivan D., assignor.)
American Can Company. (See Wheelwright, George W., assignor.)
American Can Company. (See Widell, Magnus E., assignor.)
American Can Company. (See Widell, M. E., and Jahr, assignors.)
American Can Company. (See Widell, M. E., and Smith, assignors.)
American Can Company. (See Wood, Frederick P., assignor.)
American Candy Co. (See Kuhn, Louis, assignor.)
American Car and Foundry Company. (See Abel, Joseph C., assignor.)
American Car and Foundry Company. (See Almquist, Leopold, assignor.)
American Car and Foundry Company. (See Auchincloss, William K., assignor.)
American Car and Foundry Company. (See Baird, William S., assignor.)
American Car and Foundry Company. (See Fischer, Charles C., assignor.)
American Car and Foundry Company. (See Flinn, Christopher, assignor.)
American Car and Foundry Company. (See Hervig, Richard, assignor.)
American Car and Foundry Company. (See Johnson, W. S., and Sheffer, assignors.)
American Car and Foundry Company. (See Kassler, Adolph, assignor.)
American Car and Foundry Company. (See Long, Frederick R., assignor.)
American Car and Foundry Company. (See Ostrander, Allen E., assignor.)
American Car and Foundry Company. (See Roa, William J., assignor.)
American Car and Foundry Company. (See Rohlfing, John M., assignor.)
American Car and Foundry Company. (See Scheibli, Robert J., jr., assignor.)
American Car and Foundry Company. (See Willoughby, Victor R., assignor.)
American Car and Foundry Company. (See Yent, Albert G., assignor.)
American Carbonic Machinery Company. (See Labus, O. A., and Peth, assignors.)
American Cartridge Company. (See Sherman, Harry E. and L. A., assignors.)
American Cast Iron Pipe Company. (See Moore, William D., assignor.)
American Cellulose and Chemical Manufacturing Company Limited. (See Richardson, Lawrence G., assignor.)
American Chain Company. (See Hoff, C. L., and Naugle, assignors.)
American Chain Company. (See Morris, William T., assignor.)
American Chain Company. (See Naugle, Girardus G., assignor.)
American Chain Company. (See Reyburn, John R., assignor.)
American Chain Company. (See Weston, Alonzo H., assignor.)
American Clock Corporation. (See Luttrell, P. S. and Roske, assignors.)
American Coach and Body Company, The. (See Roslund, Walter, assignor.)
American Concrete-Steel Company. (See Shore, Joseph R., assignor.)
American Concrete Tie Corporation. (See Dickey, William T., assignor.)
American Cotton Oil Company, The. (See Fulson, Charles H., assignor.)
American Cotton Oil Company, The. (See Ingram, John C., assignor.)
American Creosoting Company. (See Austin, H. E., and Cook, assignors.)
American Cyanamid Company. (See Cooper, Kenneth F., assignor.)
American Cystoscope Makers, Inc. (See Wappler, Reinhold H., assignor.)
American Dan Bottle Seal Corporation. (See Clark, W. L., and Hawkins, assignors.)
American Dan Bottle Seal Corporation. (See Nordstrom, Elof, assignor.)
American Development Company. (See Adsit, Frank W., assignor.)
American District Steam Company. (See Barnes, Eugene L., assignor.)
American District Telegraph Company. (See Hopkins, Richard M., assignor.)
American Dressler Tunnel Kilns, Inc. (See Irons, Gerald E., assignor.)
American Dressler Tunnel Kilns, Inc. (See Mitchell, Stephen A., assignor.)
American Dressler Tunnel Kilns, Inc. (See Robertson, Harry M., assignor.)
American Dressler Tunnel Kilns, Inc. (See Vincent, Laurence A., assignor.)
American Emblem Company. (See Wenigman, Carl B., assignor.)
American Encaustic Tiling Company. (See Lillibridge, Harry D., assignor.)
American Engineering Company. (See Alpern, Maxwell, assignor.)
American Engineering Company. (See James, George H., assignor.)
American Engineering Company. (See Laughlin, Myron P., assignor.)
American Engineering Company. (See Schultz, John L., assignor.)
American Equipment Company. (See Luce, Grafton E., assignor.)
American Equipment Company, The. (See Sullivan, William J., assignor.)
American Exchange National Bank of Duluth, executor. (See Gow, Alexander M.)
American Fabrics Company, The. (See Barnum, Harry B., assignor.)
American Fabrics Company. (See Hodgkins, Albert A., assignor.)
American Fabrics Company. (See Monk, Thomas, assignor.)

American Fabrics Company, The. (See Page, Samuel H., assignor.)
American Fabrics Company, The. (See Philips, Hans A., assignor.)
American Fastener Company. (See Kiessling, Max F., assignor.)
American Film Cleaning Machine Company. (See Cohen, Maxwell, assignor.)
American Film-Safe Corporation. (See Salmon, Edward W., jr., assignor.)
American Flyer Manufacturing Company. (See Frohne, Albin, assignor.)
American Forging and Socket Co. (See Rathbun, Edgar A., assignor.)
American Forging and Socket Co. (See Saunders, Walter S., assignor.)
American Foundry & Construction Company. (See Mitchell, Harbour, assignor.)
American Foundry & Manufacturing Company. (See Sanders, Joseph C., assignor.)
American Gas Machine Company. (See Rasmussen, Sophus, assignor.)
American Gasaccumulator Company. (See Fransson, Frans J., assignor.)
American Gasaccumulator Company. (See Medèn, Elof H., assignor.)
American Gauge Company. (See Harwood, John F., assignor.)
American Grinder Manufacturing Co. (See Drahonovsky, John B., assignor.)
American Hand Brake Company. (See Anderson, Harley E., assignor.)
American Hard Rubber Co. (See Schelhammer, Herman, assignor.)
American Hardware Corporation. (See Henry, William K., assignor.)
American Hardware Corporation. (See Hurd, Norman B., assignor.)
American Hardware Corporation. (See Parker, Charles I., assignor.)
American Hardware Corporation. (See Teich, Ernest L., assignor.)
American Heater Corporation. (See Stewart, William F., assignor.)
American Hominy Company. (See Atkinson, Frederick C., assignor.)
American Investigation Corporation. (See Bleistein, Walter, assignor.)
American Kron Scale Co. (See Barrett, Joseph C., assignor.)
American Lace Mfg. Co., The. (See Hucknall, Bert H. W., assignor.)
American Lace Paper Company. (See De Vries, George, assignor.)
American Lacing Hook Co. (See Havener, Arthur R., assignor.)
American Lady Corset Company. (See Siegel, Joseph, assignor.)
American Laundry Machinery Company, The. (See Benjamin, Dana H., assignor.)
American Laundry Machinery Company, The. (See Braley, Charles L., assignor.)
American Laundry Machinery Company, The. (See Colclough, William, assignor.)
American Laundry Machinery Company, The. (See Daly, M. E., and Cutter, assignors.)
American Laundry Machinery Company, The. (See Prestwich, Sydney, assignor.)
American Laundry Machinery Company. (See Snow, Arthur E., assignor.)
American Laundry Machinery Company, The. (See Tow, James O., assignor.)
American Laundry Machinery Company, The. (See Waream, C. E., and Benjamin, assignors.)
American Lead Pencil Company. (See Pfous, Frank, assignor.)
American Liquid Meter Company. (See Babos, Lacey, assignor.)
American Liquid Meter Company. (See Bassler, Carlos J., assignor.)
American Liquid Meter Company. (See Cade, Enos B., assignor.)
American Lithographic Company. (See Dietsche, Adolph, jr., assignor.)
American Lithographic Company. (See Hopkins, William L., assignor.)
American Litnographic Company. (See Phelps, Erastus R., assignor.)
American Machinery Company. (See Adams, Benjamin F., assignor.)
American Manganese Steel Company. (See Clark, John O., assignor.)
American Manganese Steel Company. (See Nichols, Wesley G., assignor.)
American Manganese Steel Company. (See Plant, John W., assignor.)
American Manganese Steel Company. (See Vanderhoef, Ellison E., assignor.)
American Manganese Steel Company. (See Young, Donald H., assignor.)
American Metal Cap Company. (See Hammer, Charles, assignor.)
American Metal Products Company. (See Zaiser, Carl J., assignor.)
American Metals Co. (See Gilman, George W., assignor.)
American Metals Co. (See Gilman, George W., jr., assignor.)
American Mining Tool Company. (See Hallander, John A., assignor.)
American Motor Body Company. (See Lambert, Albert L., assignor.)
American Motor Body Company. (See Stubblebine, Raymond F., assignor.)
American Multigraph Company, The. (See Bates, Albert H., assignor.)
American Multigraph Company, The. (See Bechtel, Albert J., assignor.)
American Multigraph Company, The. (See Chisholm, Clifton, assignor.)
American Multigraph Company. (See Gammeter, Harry C., assignor.)
American Multigraph Company, The. (See Osborn, Henry C., assignor.)
American Musical Supply Company. (See Hessmer, Frederick W., assignor.)
American Musifer Co. Inc. (See Matyas, Joseph.)
American Narrow Fabric Company. (See Hazelton, Carl J., assignor.)
American-National Company. (See Schibrowski, P. M., and Diemer, assignors.)
American Nicovici Drawing Instruments Corporation. (See Cosvovici, Nicolast B., assignor.)
American Optical Company. (See Arnold, Arthur A., assignor.)
American Optical Company. (See Bugbee, Lucian W., assignor.)
American Optical Company. (See Cozzens, Charles O., assignor.)
American Optical Company. (See Degrenier, Octave, assignor.)
American Optical Company. (See Dey, Gilbert S., assignor.)
American Optical Company. (See Hill, Harry W., assignor.)
American Optical Company. (See Johnston, George S., assignor.)
American Optical Company. (See Kreissl, Frank N., assignor.)
American Optical Company. (See Laabs, Max A., assignor.)
American Optical Company. (See Maynard, Albert E., assignor.)
American Optical Company. (See Maynard, A. E., and Gunning, assignors.)
American Optical Company. (See Moulton, H. R., and Tillyer, assignors.)
American Optical Company. (See Parsons, Harold K., assignor.)
American Optical Company. (See Pellow, Arthur, assignor.)
American Optical Company. (See Sangren, Harry A., assignor.)
American Optical Company. (See Schumacher, Elmer L., assignor.)
American Optical Company. (See Tillyer, Edgar D., assignor.)
American Optical Company. (See Tillyer, E. D., and Parsons, assignors.)
American Optical Company. (See Tillyer, E. D., and Wixted, assignors.)
American Optical Company. (See Tully, G. L., and Boutelle, assignors.)
American Optical Company. (See Wason, Robert M., assignor.)
American Optical Company. (See Wrighton, William J., assignor.)
American Piano Company. (See Chase, Joseph H., assignor.)
American Piano Company. (See Meahl, Philip J., assignor.)
American Piano Company. (See Stoddard, Charles F., assignor.)
American Piano Company. (See Werolin, Edwin S., assignor.)
American Platinum Works. (See Gaschke, George, assignor.)
American Potash Corporation. (See Charlton, H. W., and Shreve, assignors.)
American Protein Corporation. (See Atwood, Francis C., assignor.)
American Protein Corporation. (See Wescott, William B., assignor.)
American Pulley Company, The. (See Bowen, Russell H., assignor.)
American Radiator Company. (See Bliss, Sherwood C., assignor.)
American Radiator Company. (See Langworthy, Edward P., assignor.)
American Radiator Company. (See Mallory, Harry C., assignor.)
American Radiator Company. (See Marshall, Aquila B., assignor.)
American Radiator Company. (See Mertzanoff, André M., assignor.)

Alphabetical list of patentees—Continued.

American Radio & Research Corporation. (See Bush, Vannevar, assignor.)
American Radio & Research Corporation. (See Randall, Eugene F., assignor.)
American Radio & Research Corporation. (See Woodhull, S. T., and Waller, assignors.)
American Radium Appliance Company. (See Savoye, Herbert F., assignor.)
American Rail Joint Company. (See Hyle, Jacob A., assignor.)
American Reduction Company. (See Baxter, Burke M., assignor.)
American Road Machinery Company. (See Berry, Earl E., assignor.)
American Road Machinery Company. (See Polk, William D., assignor.)
American Rolling Mill Company, The. (See Beck, W. J., and Aupperle, assignors.)
American Rubber & Tire Co., The. (See Holloway, Le Roy P., assignor.)
American Rubber & Tire Company, The. (See Miller, Albert, assignor.)
American Safety Device Company. (See Chesebro, Denison P., assignor.)
American Sales Book Company. (See Bottle, Edward K., assignor.)
American Sales Book Company Limited. (See Hagemann, Louis F., assignor.)
American Sanitary Lock Co. (See Morgan, Donald C., assignor.)
American Scrubbing Equipment Company. (See Finnell, Walter S., assignor.)
American Seating Company. (See Hamilton, G. H. and Nuberg, assignors.)
American Seeding Machine Company, The. (See Huntington, H. H., and Cureton, assignors.)
American Seeding Machine Company, The. (See Rodgers, Robert S., assignor.)
American Shale Reduction Company. (See Postel, Carl, assignor.)
American Sheet and Tin Plate Company. (See Bennett, C. W., and Steele, assignors.)
American Sheet and Tin Plate Company. (See Jones, Llewellyn, assignor.)
American Sheet and Tin Plate Company. (See Kimball, G. C., and McIlvried, assignors.)
American Sheet and Tin Plate Company. (See McIlvried, Howard G., assignor.)
American Shoe Machinery Company. (See Wright, W. C., and Merrick, assignors.)
American Slicing Machine Co. (See Campbell, William J., assignor.)
American Slicing Machine Company. (See Hood, Ernest K., assignor.)
American Smelting and Refining Company. (See Alexander, Harry H., assignor.)
American Smelting & Refining Company. (See Call, B. G., and Wagstaff, assignors.)
American Smelting & Refining Company. (See Martin, Fred M., assignor.)
American Smelting and Refining Company. (See Thiele, Adolph A., assignor.)
American Steel Foundries. (See Bender, Frederic H., assignor.)
American Steel Foundries. (See Carscadin, Charles A., assignor.)
American Steel Foundries. (See Davis, James C., assignor.)
American Steel Foundries. (See Floyd, George G., assignor.)
American Steel Foundries. (See Hedgcock, William C., assignor.)
American Steel Foundries. (See Ishibashi, Katsuro, assignor.)
American Steel Foundries. (See Janney, Robert E. L., assignor.)
American Steel Foundries. (See Kinne, Edmund P., assignor.)
American Steel Foundries. (See Lamont, John A., assignor.)
American Steel Foundries. (See Lamont, J. A., and Stenberg, assignors.)
American Steel Foundries. (See Peycke, Armand H., assignor.)
American Steel Foundries. (See Sparrow, Arthur, assignor.)
American Steel Foundries. (See Whitney, Loren L., assignor.)
American Steel Foundries. (See Williams, William E.,
American Steel Package Company, The. (See Behringer, Grover F., assignor.)
American Steel and Wire Company. (See Hindmarsh, P. J., and Meaker, assignors.)
American Steel and Wire Company, The. (See Rose, George H., assignor.)
American Steel and Wire Company of New Jersey, The (See Boley, Ernst, assignor.)
American Steel and Wire Company of New Jersey, The. (See Brown, Edwin F., assignor.)
American Steel and Wire Company of New Jersey, The. (See Hindmarsh, Percival, assignor.)
American Steel and Wire Company of New Jersey, The. (See Hindmarsh, Percy J., assignor.)
American Steel and Wire Company of New Jersey, The. (See Hindmarsh, P. J., and Meaker, assignors.)
American Stove Company. (See Blackford, Atwell J., assignor.)
American Stove Company. (See Meacham, Benjamin E., assignor.)
American Stove Company. (See Moecker, H., jr., and Thompson, assignors.)
American Stove Company. (See Munzmer, Charles, assignor.)
American Stove Company. (See Nicolaus, F. G., and Roy, assignors.)
American Stove Company. (See Possons, M. A., and Blackford, assignors.)
American Stove Company. (See Stockstrom, Arthur, assignor.)
American Sugar Refining Company, The. (See Niese, Henry E., assignor.)
American Tap Bush Company. (See Rice, Frank E., assignor.)
American Tar Products Company. (See Puening, Franz, assignor.)
American Taximeter Company. (See Gluck, Julius, assignor.)
American Taximeter Company. (See Palmer, Brian C., assignor.)
American Telephone and Telegraph Company. (See Affel, Herman A., assignor.)
American Telephone and Telegraph Company. (See Bailey, Rand S., assignor.)
American Telephone and Telegraph Company. (See Barrows, L. D., and Darrow, assignors.)
American Telephone and Telegraph Company. (See Blackwell, Otto B., assignor.)
American Telephone and Telegraph Company. (See Bown, Ralph, assignor.)
American Telephone and Telegraph Company. (See Bown, R., and Nelson, assignors.)
American Telephone and Telegraph Company. (See Branson, David E., assignor.)
American Telephone and Telegraph Company. (See Carson, John R., assignor.)
American Telephone and Telegraph Company. (See Chapman, Arthur G., assignor.)
American Telephone and Telegraph Company. (See Clark, Alva B., assignor.)
American Telephone and Telegraph Company. (See Clark, A. B., and Crisson, assignors.)
American Telephone and Telegraph Company. (See Conlee, Carlton N., assignor.)
American Telephone and Telegraph Company. (See Crisson, George, assignor.)
American Telephone and Telegraph Company. (See Crisson, G., and Rose, assignors.)
American Telephone and Telegraph Company. (See Cushing, William A., assignor.)
American Telephone and Telegraph Company. (See Darrow, Leo H., assignor.)
American Telephone and Telegraph Company. (See Davidson, John, jr., assignor.)
American Telephone and Telegraph Company. (See Deardorff, Ralph W., assignor.)
American Telephone and Telegraph Company. (See Demarest, Charles S., assignor.)
American Telephone and Telegraph Company. (See Demarest, C. S., and Loynes, assignors.)
American Telephone and Telegraph Company. (See Dietze, Eginhard, assignor.)
American Telephone and Telegraph Company. (See Elsasser, Henry W., assignor.)
American Telephone and Telegraph Company. (See Espenschied, Lloyd, assignor.)
American Telephone and Telegraph Company. (See Espenschied, L., and Affel, assignors.)
American Telephone and Telegraph Company. (See Espenschied, L., and Bown, assignors.)
American Telephone and Telegraph Company. (See Espenschied, L., and Toomey, assignors.)
American Telephone and Telegraph Company. (See Haislip, R. A., and Matthews, assignors.)
American Telephone and Telegraph Company. (See Hamilton, Baxter P., assignor.)
American Telephone and Telegraph Company. (See Hamilton, Harold S., assignor.)
American Telephone and Telegraph Company. (See Hoyt, Ray S., assignor.)
American Telephone and Telegraph Company. (See Hudson, Earl A., assignor.)
American Telephone and Telegraph Company. (See Jacobs, Oliver B., assignor.)
American Telephone and Telegraph Company. (See Jacobsen, Morris, assignor.)
American Telephone and Telegraph Company. (See Jones, Alva L., assignor.)
American Telephone and Telegraph Company. (See Jones, George G., assignor.)
American Telephone and Telegraph Company. (See Kirkwood, Maclean, assignor.)
American Telephone and Telegraph Company. (See Martin, De Loss K., assignor.)
American Telephone and Telegraph Company. (See Martin, William H., assignor.)

American Telephone and Telegraph Company. (See Moody, John F., assignor.)
American Telephone and Telegraph Company. (See Morehouse, Lyman F., assignor.)
American Telephone and Telegraph Company. (See Osborne, Harold S., assignor.)
American Telephone and Telegraph Company. (See Parker, Ralzemond D., assignor.)
American Telephone and Telegraph Company. (See Parker, R. D., and Hamilton, assignors.)
American Telephone and Telegraph Company. (See Pike, Vernon B., assignor.)
American Telephone and Telegraph Company. (See Potts, Louis M., assignor.)
American Telephone and Telegraph Company. (See Rhodes, Frederick L., assignor.)
American Telephone and Telegraph Company. (See Rhodes, William A., assignor.)
American Telephone and Telegraph Company. (See Smith, Don, assignor.)
American Telephone and Telegraph Company. (See Sultzer, Morton, assignor.)
American Telephone and Telegraph Company. (See Thompson, George K., assignor.)
American Telephone and Telegraph Company. (See Toomey, John F., assignor.)
American Telephone and Telegraph Company. (See Toomey, J. F., and Harrison, assignors.)
American Telephone and Telegraph Company. (See Walton, Cecil E., assignor.)
American Telephone and Telegraph Company. (See Walton, Clifford J., assignor.)
American Telephone and Telegraph Company. (See Young, Rowland L., assignor.)
American Thermos Bottle Company. (See Hastedt, William R., assignor.)
American Thread Company, The. (See Clark, R. K. and Kroepel, assignors.)
American Thread Company, The. (See Hardman, Peter, assignor.)
American 3-Way Luxfer Prism Co. (See Sylvan, Joseph, assignor.)
American Time Lock Company. (See Young, Sanford C., assignor.)
American Tire Corporation, The. (See McCormish, William E., assignor.)
American Tool Work Company, The. (See Robinson, Albert E., assignor.)
American Toyland Creators, Inc. (See Wiebe, Sigurd J. A., assignor.)
American Twist Drill Co. (See Hoenscheid, P. J., assignor.)
American Type Founders Company. (See Kelly, William M., assignor.)
American Valve and Meter Company, The. (See Anderson, Frank C., assignor.)
American Water Supply Co. of New England. (See Bohlman, George J., assignor.)
American Whaley Engine Company. (See Whaley, William B. S., assignor.)
American White Gold Manufacturing Company. (See Schroetter, Arnold, assignor.)
American Wood Rim Company. (See Snyder, O. K., assignor.)
American Wringer Company, The. (See Keltie, George R., assignor.)
American Wringer Company. (See Kowalsky, Rudolf A., assignor.)
American Writing Paper Company. (See Armstrong, James H. A., assignor.)
American Writing Paper Company. (See Lynch, Charles W., assignor.)
American Zinc, Lead & Smelting Co. (See Pedersen, John E., assignor.)
Ames, Adelbert, jr., Tewksbury, Mass. Photograph and making the same. 1,460,122; June 26.
Ames, Butler. (See Gilinson, Philip, assignor.)
Ames, Butler, Lowell, Mass. Blade holder. 1,445,124; Feb. 13.
Ames, Butler, Lowell, Mass. Magneto. 1,456,113; May 22.
Ames, Butler, and P. J. Gilinson, Lowell, Mass.; said Gilinson assignor to said Ames. Electrical condenser. 1,444,534; Feb. 6.
Ames, Fessenden C., and H. L. Merrill, Nashua, N. H., assignors to I. F. Stevens, doing business as Maine Manufacturing Company, Nashua, N. H. Refrigerator. 1,466,440; Aug. 28.
Ames, Henry A., Milton, Mass., assignor to Standard Thermometer Company, Portland, Me. Driving joint for speedometers. 1,441,473; Jan. 9.
Amez-Droz, Louis F., Geneva, Switzerland. Copy carrier for writing machines, adding machines, and the like. 1,458,457; June 12.
Amico, James W., Rye, N. Y. Tire-tool method. 1,478,811; Dec. 25.
Amidano, Charles R., Boston, Mass. Buckle. 1,464,381; Aug. 7.
Amies, Joseph H., Philadelphia, Pa. Highway and similar foundation. 1,453,261; May 1.
Amies, Joseph H., Philadelphia, Pa. Preparing a cementitious composition. 1,470,674; Oct. 16.
Ammons, John I., Cupertino, Calif. Poultry fountain. 1,445,927; Feb. 20.
Amor, Reginald F. R., Leytonstone, London, England Portable casing for talking machines. 1,461,859; July 17.
Amores, Rosa M., Washington, D. C. Detachable and foldable lamp shade. 1,452,773; Apr. 24.
Amori, Joseph A., San Jose, Calif. Auxiliary air supply for fuel vaporizers. 1,477,989; Dec. 18.
Amphion Piano Player Company, The. (See Doman, Lewis B., assignor.)
Ampyr Manufacturing Company. (See Wilbur, Peter L., assignor.)
Amsden, Albert W., and W. D. Starrett, Athol, Mass., assignors to The L. S. Starrett Company. Combination and vise. 1,473,946; Nov. 13.
Amsler, Alfred, Rheinbuhl, Switzerland. Pressure-control valve. 1,467,522; Sept. 11.
Amsler, August. (See Alleman, John, assignor.)
Amsler, Walter O., Pittsburgh, Pa. Annealing furnace or leer. 1,453,116; Apr. 24.
Amsler, Walter O., Pittsburgh, Pa. Conveyer and leer-charging mechanism. 1,464,554; Aug. 14.
Amundson, Carl, Spring Grove, Minn. Piston-ring-groove carbon scraper. 1,462,895; July 24.
Anaconda Copper Mining Company. (See Elton, J. O., and Caples, assignors.)
Anaconda Copper Mining Company. (See Laist, Frederick, assignor.)
Anaconda Lead Products Company. (See Sperry, Elmer A., assignor.)
Anaconda Sales Company. (See Robinson, Thomas, assignor.)
Anakin, Arthur E., assignor to Anakin Protection Mfg. Co., Long Beach, Calif. Combined cigar lighter and flash light. 1,466,779; Sept. 4.
Anakin Protection Mfg. Co. (See Anakin, Arthur E., assignor.)
Anason, John H., Stirling, N. J. Attachment for typewriting machines. 1,452,822; Apr. 24.
Anatmos Metals and Furnace Corporation. (See Benjamin, George H., assignor.)
Anchelevich, Max, Evansville, Ind. Automobile radiator-repair device. 1,462,360; July 17.
Anchor Cap and Closure Corporation. (See Dinsmoor, John L., assignor.)
Anchor Cap & Closure Corporation. (See Luhrmann, George W., assignor.)
Anchor Cap & Closure Corporation. (See Ramsey, George, assignor.)
Anchor Cap & Closure Corporation. (See White, William P., assignor.)
Ancidoni, Alfred, Newark, N. J. Tire construction. 1,462,136; Apr. 17.
Ancker, Alfred K., and R. F. Morton, Denver, Colo. Fly swatter. 1,456,753; May 29.
Andale Engineering Company. (See Dyson, C. W., and Stuart, assignors.)
Andale Engineering Company. (See Winter, Oscar, assignor.)
Andeisen, Viggo W., assignor to Burson Knitting Company, Rockford, Ill. Pattern-control mechanism for knitting machines. 1,452,137; Apr. 17.
Andel, Frank J., Cleveland, Ohio. Outside brake bracket. 1,455,562; May 15.
Andel, Frank J., Cleveland, Ohio. Outside brake. 1,465,832; Aug. 21.
Anderegg, Gustavus A., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Current-controlling means for electric circuits. 1,442,460; Jan. 16.
Anderman, Roy E., Wapakoneta, Ohio. Auto jack. 1,474,223; Nov. 13.
Andersen, Aage F., Rolfe, Iowa. Salvage apparatus for raising sunken vessels. 1,468,622; Sept. 25.
Andersen, Albert, assignor to Automatic Electric Company, Chicago, Ill. Measured-service telephone system. 1,443,451; Jan. 30.
Andersen, Alfred R., assignor of one-half to J. F. Dominiski, Rock Springs, Wyo. Mounting for mine-car wheels. 1,459,134; June 19.
Andersen, Anders S., West Palm Beach, Fla. Cable-lubricating device. 1,471,583; Oct. 23.
Andersen, Andrew C., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Rotary-spindle lock. 1,465,461; Aug. 21.
Andersen, Andrew C., T. P. Archer, and P. W. Seiler, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Bolt. 1,470,951; Oct. 16.
Andersen, Carl A. J., Salt Lake City, Utah. Beet topper. 1,454,501; May 8.
Andersen, Christian S., Dwight, Ill. Work support. 1,453,901; May 1.
Andersen, Christopher C., Salt Lake City, Utah. Electric starter. 1,461,996; July 17.
Andersen, Gammel, Austin, Tex. Clip. 1,462,591; July 24.
Andersen, Johan M., assignor to Albert & J. M. Andersen Manufacturing Company, Boston, Mass. Electrical connection. 1,443,669; Jan. 30.
Anderson, Adrien L., Palo Alto, assignor to A. Taylor, San Francisco, Calif. Radiotelegraphy. 1,454,307; May 8.
Anderson, Albert C., Chicago, Ill. Displaying device. 1,449,804; Mar. 27.

Anderson, Albert & J. M., Manufacturing Company. (See Anderson, Alf E., assignor.)
Anderson, Albert L., Rockdale, Wis. Radiator. 1,444,297; Feb. 6.
Anderson, Alf E., Milton, assignor to Albert & J. M. Anderson Manufacturing Company, Boston, Mass. Trolley-wire support. 1,471,132; Oct. 16.
Anderson, Alfred, East Rutherford, N. J., assignor to The Flintkote Company, Boston, Mass. Sheet-guiding device for saturating tanks. 1,443,971; Feb. 6.
Anderson, Alfred A., Jamestown, N. Y. Joint fastening for furniture. 1,444,996; Feb. 13.
Anderson, Alfred O., Salt Lake City, Utah. Combined can opener and stopper. 1,466,108; Aug. 28.
Anderson, Andrew G., Chicago, Ill. Gauge. 1,449,368; Mar. 27.
Anderson, Andrew M., Hepburn, Iowa. Stapling machine. 1,441,474; Jan. 9.
Anderson, Anton, Port Washington, Wis. Concrete stair block. 1,450,404; Apr. 3.
Anderson, Anton A., Wilder, Minn. Sampling dipper. 1,466,920; Sept. 4.
Anderson, Arthur N. (See Saklatwalla, B. D., and Anderson.)
Anderson, Arvid M., and W. W. Abitz, assignors to Rockford Metal Specialty Company, Rockford, Ill. Apple corer. 1,448,652; Mar. 13.
Anderson, August, St. Paul, Minn. Concave for thrashing machines. 1,449,645; Mar. 27.
Anderson, August P., assignor to Anderson-Rees Refrigerating Machine Co., Chicago, Ill. Refrigerating apparatus. 1,478,162; Dec. 18.
Anderson, Augustus F., Bangor, Me. Egg beater. 1,463,493; July 31.
Anderson, Averil P., Bellevue, Pa. Lubricating system. 1,465,620; Aug. 21.
Anderson-Barngrover Mfg. Co. (See Anderson, Elmer S., assignor.)
Anderson-Barngrover Mfg. Co. (See Thompson, Albert R., assignor.)
Anderson Brake Appliance Company, The. (See Anderson, Harley E., assignor.)
Anderson, Cameron C., and F. Adams, Windsor, Ontario, Canada. Fumigator. 1,469,872; Oct. 9.
Anderson, Carl A., Boston, Mass. Boomerang thrower. 1,457,764; June 5.
Anderson, Carl D., assignor of one-fourth to L. Faust, one-fourth to E. S. Ekstrom, and one-fourth to C. E. Swenson, Rockford, Ill. Universal joint. 1,450,707. Apr. 3.
Anderson, Carl F., Brookfield, and L. W. Knapp, Berwyn, assignors to Conlon Electric Washer Company, Cicero, Ill. Woodworking machine. 1,459,965; June 26.
Anderson, Carl F., Brookfield, and L. W. Knapp, Berwyn, assignors, by mesne assignments, to Conlon Corporation, Cicero, Ill. Woodworking machine. 1,464,020; Aug. 7.
Anderson, Carl G., Boston, assignor to J. E. Swanson, Jamaica Plain, Mass. Making dies. 1,471,472; Oct. 23.
Anderson, Carl L., et al. (See Faust, Levin, assignor.)
Anderson, Carl L. (See Middagh, R. E., and Anderson.)
Anderson, Carl L., et al. (See Swenson, Carl E., assignor.)
Anderson, Carl L., assignor of one-fourth to L. Faust, one-fourth to E. S. Ekstrom, and one-fourth to C. E. Swenson, Rockford, Ill. Universal joint. 1,450,706; Apr. 3.
Anderson, Carl O., Brooklyn, N. Y. Pliers. 1,468,252; Sept. 18.
Anderson, Charles A., Chicago, Ill. Pump. 1,474,877; Nov. 20.
Anderson, Charles C., Cedar Rapids, Iowa, assignor to The Anderson Piston Company, Bowling Green, Ohio. Piston. 1,444,942; Feb. 13.
Anderson, Charles E., Chicago, and F. P. Perkins, Park Ridge, Ill. Automatic vacuum producer. 1,441,651; Jan. 9.
Anderson, Charles E., and L. Feldman, Sioux Falls, S. Dak. Life guard. 1,445,655; Feb. 20.
Anderson, Charles M., Waterloo, Iowa. Teat cup for milking machines. 1,476,788; Dec. 11.
Anderson, Charles T. (See Grieten, Frederick M., assignor.)
Anderson, Charles W., et al. (See Cooper, Daniel R., assignor.)
Anderson, Charles W., Brooklyn, N. Y. Power control for saw tables and the like. 1,450,906; Apr. 10.
Anderson, Christina, et al. (See Gutekunst, David W., assignor.)
Anderson, Clifton R. (See Farris, Grover C., assignor.)
Anderson, Conrad E., Detroit, Mich. Steel newel post. 1,472,897; Nov. 6.
Anderson, Coverdale S., Lesbury, and R. Wood, Alnwick, England. Roller, drum, sheave, pulley, and the like. 1,448,989; Mar. 20.
Anderson, Dennis M., Columbus, Ohio. Drain shelf. 1,477,799; Dec. 18.
Anderson, Duncan M., Mainz, Germany. Artificial arm. 1,458,923; June 19.
Anderson, E. D., Inc. (See Anderson, E. D., and Beckmann, assignors.)
Anderson, E. D., Inc. (See Beckmann, Carl, assignor.)
Anderson, Earl A., Cleveland, Ohio, assignor to General Electric Company. Light fixture. Des. 62,542; June 19.
Anderson, Edgar T., and W. Morgan, Scranton, Pa. Skimming device for coal jigs. 1,455,854; May 22.
Anderson, Edward, Minneapolis, Minn. Grain separator. 1,464,491; Aug. 14.
Anderson, Edward, assignor of one-tenth to J. H. Moorman, Denver, Colo. Lock. 1,455,770; May 22.
Anderson, Edward, assignor, by mesne assignments, to The A. A. Simonds-Dayton Company, Dayton, Ohio. Making ceramic products. 1,458,376; June 12.
Anderson, Edward, assignor, by mesne assignments, to The A. A. Simonds-Dayton Company, Dayton, Ohio. Storage battery. 1,458,377; June 12.
Anderson, Edward C. (See La Grandeur, A. J., and Anderson.)
Anderson, Elmer S., assignor to Anderson-Barngrover Mfg. Co., San Jose, Calif. Prune dipper and grader. 1,475,419; Nov. 27.
Anderson, Emil R., Chicago, Ill. Furnace grate. 1,459,870; June 26.
Anderson, Emil S., Chicago, Ill. Curtain stretcher. 1,441,901; Jan. 9.
Anderson, Emma V., Sioux City, Iowa. Folding table. 1,472,575; Oct. 30.
Anderson, Emmerick, Dayton, Ky. Shoe. 1,467,296; Sept. 11.
Anderson, Ernest. (See Nelson, John, assignor.)
Anderson, Ernest D., and C. Beckmann, assignors to E. D. Anderson, Inc., New York, N. Y. Box-making machine. 1,463,454; July 31.
Anderson, Ernst G. K., assignor, by mesne assignments, to Appleton Electric Co., Chicago, Ill. Lens mounting for lamp casings. 1,462,472; July 24.
Anderson, Ernst G. K., assignor, by mesne assignments, to Appleton Electric Co., Chicago, Ill. Automatic switch control for spotlamps. 1,462,473; July 24.
Anderson, Ernst G. K., assignor, by mesne assignments, to Appleton Electric Co., Chicago, Ill. Spot extension lamp. 1,469,981; Oct. 9.
Anderson, Ernst G. K., Chicago, Ill., assignor, by mesne assignments, to Appleton Electric Co. Mounting for universal spotlamps. 1,469,982; Oct. 9.
Anderson, Evald, Berkeley, assignor to International Precipitation Company, Los Angeles, Calif. Apparatus for the electrical separation of suspended material from gases. 1,444,997; Feb. 13.
Anderson, Evald, Los Angeles, Calif., assignor, by mesne assignments, to Western Precipitation Company. Making cement and by-products. 1,465,833; Aug. 21.
Anderson, Evald, Los Angeles, Calif., assignor, by mesne assignments, to Western Precipitation Company. Recovering potassium compound in connection with cement manufacture. 1,465,834; Aug. 21.
Anderson, Evald, and W. A. Schmidt, assignors to International Precipitation Company, Los Angeles, Calif. Apparatus for electrical separation of suspended particles from gases. 1,444,092; Feb. 6.
Anderson, Francis V., Racine, Wis. Tire tool. 1,469,138; Sept. 25.
Anderson, Frank, assignor to Barcalo Manufacturing Company, Buffalo, N. Y. Bedstead end frame. Des. 62,357; May 15.
Anderson, Frank C., Cincinnati, Ohio. Switch stand. 1,447,611; Mar. 6.
Anderson, Frank C., assignor to The American Valve and Meter Company, Cincinnati, Ohio. Switch stand. 1,463,140; July 24.
Anderson, Fred E., Osage City, Kans. Motor control. 1,477,926; Dec. 18.
Anderson, Fred E., assignor of one-half to A. Robert, Osage City, Kans. Disruptable pin for motor-starting devices. 1,466,780; Sept. 4.
Anderson, Fred E., assignor to D. S. Erickson, Osage City, Kans. Combined intake manifold and fuel preheater. 1,466,921; Sept. 4.
Anderson, Fred J., Bishop Hill, L. H. Cowden, Kewanee, and L. Ericson, Bishop Hill, Ill. Planter. 1,477,097; Dec. 11.
Anderson, Fritz A., assignor to Burdick Cabinet Company, Milton, Wis. Therapeutic appliance. 1,472,779; Nov. 6.
Anderson, George D., Hastings, Nebr. Flexible translucent sheet. 1,475,774; Nov. 27.
Anderson, George E., Montpelier, Vt. Adjustable keeper plate. 1,458,637; June 12.
Anderson, George H., Kalamazoo, Mich. Automatic valve means. 1,444,943; Feb. 13.
Anderson, George H., Kalamazoo, Mich. Vacuum heating system and automatic and safety control means therefor. 1,445,061; Feb. 13.
Anderson, George H., Kalamazoo, Mich. Automatic valve means. 1,461,885; July 17.
Anderson, George M., Inwood, Iowa. Eccentric hook. 1,449,576; Mar. 27.
Anderson, George W., St. Louis, Mo. Adjustable droplight support. 1,452,950; Apr. 24.
Anderson, Gideon, assignor to The West Gravitiser Corporation, New York, N. Y. Tilting table. 1,470,132; Oct. 9.
Anderson, Gustaf W. (See Howard, S. R., and Anderson.)
Anderson, Harley C. E., North Vancouver, British Columbia, Canada. Sun-sheltering cover for pneumatic tires. 1,472,033; Oct. 30.

Alphabetical list of patentees—Continued.

Anderson, Harley E., Chicago, Ill., assignor, by mesne assignments, to American Hand Brake Company. Holding device for car-brake mechanism. 1,465,328; Aug. 21.

Anderson, Harley E., assignor, by mesne assignments, to American Hand Brake Company, Chicago, Ill. Brake-operating mechanism. 1,468,691; Sept. 25.

Anderson, Harley E., assignor to The Anderson Brake Appliance Company, Chicago, Ill. Brake apparatus for railway and other vehicles. 1,467,701; Sept. 11.

Anderson, Harold N., Cleveland, Ohio. Apparatus for rolling gears by a new method. 1,460,528; July 3.

Anderson, Harry B., et al. (See Ashley, Erle G., assignor.)

Anderson, Harry F., et al. (See Hancock, Raymond F., assignor.)

Anderson, Harry F., Marion, Ind. Method and machine for constructing embossed glass plate. 1,465,507; Aug. 21.

Anderson, Harry T., assignor to Harry Vissering and Company, Chicago, Ill. Manufacture of drawbar yokes. 1,443,518; Jan. 30.

Anderson, Harry T., Butler, assignor to Standard Steel Car Company, Pittsburgh, Pa. Door-locking mechanism. 1,469,352; Oct. 2.

Anderson, Henry J., Anacortes, Wash. Berry carrier. 1,447,402; Mar. 6.

Anderson, Herman E. G., Indiana Harbor, Ind. Cow-tail holder. 1,467,221; Sept. 4.

Anderson, Herschel F., Huntsville, Ill. Mail-bag catcher and deliverer. 1,474,101; Nov. 13.

Anderson, Howard P., St. Louis, Mo. Cast-steel hopper for hopper-bottom cars. 1,444,443; Feb. 6.

Anderson, Howard P., St. Louis, Mo. Locomotive fire box. 1,446,081; Feb. 20.

Anderson, James. (See Pyle, D. F., and Anderson.)

Anderson, James, Wheeling, W. Va. Soot blower. 1,464,798; Aug. 14.

Anderson, James A., Morgan, Utah. Conveyer. 1,478,844; Dec. 25.

Anderson, James B., assignor to Pumpless Blow Torch Company, Pittsburgh, Pa. Blowtorch. 1,456,718; May 29.

Anderson, James B., Shaler Township, Allegheny County, assignor to Peoples Natural Gas Company, Pittsburgh, Pa. Gas burner. 1,456,754; May 29.

Anderson, James B., Shaler Township, Allegheny County, assignor to The Peoples Natural Gas Company, Pittsburgh, Pa. Valve. 1,477,023; Dec. 11.

Anderson, James C., Rutherford, N. J., assignor to Varley Duplex Magnet Company. Circuit breaker and controller. 1,445,261; Feb. 13.

Anderson, James C., Rutherford, N. J., assignor to Varley Duplex Magnet Company. Circuit breaker and controller. 1,445,262; Feb. 13.

Anderson, James G., Needham, assignor to Pressure Proof Piston Ring Company, Boston, Mass. Making resilient split rings. 1,450,346; Apr. 3.

Anderson, James L., Bayonne, N. J., assignor, by mesne assignments, to Air Reduction Company, Incorporated, New York, N. Y. Welding apparatus. 1,449,369; Mar. 27.

Anderson, James L., Bayonne, N. J., assignor, by mesne assignments, to Air Reduction Company, Incorporated, New York, N. Y. Permanent joint in fabricated form and making the same. 1,450,935; Apr. 10.

Anderson, James L., Bayonne, and S. Plumley, Westfield, N. J., assignors, by mesne assignments, to Air Reduction Company, Incorporated, New York, N. Y. Pressure regulator. 1,450,236; Apr. 3.

Anderson, James R., Hot Springs, Mont. Attachment for beds. 1,460,306; June 26.

Anderson, James W., administrator. (See Hill, Percy L.)

Anderson, James W., assignor to Anderson Manufacturing Company, San Francisco, Calif. Photographer's studio appliance. 1,474,809; Nov. 20.

Anderson, Jasper R., Fargo, N. Dak. Necktie holder. Des. 63,064; Oct. 2.

Anderson, John, Duluth, Minn. Indicator for washing machines. 1,441,821; Jan. 9.

Anderson, John, Massbach, Ill. Latch for gates. 1,447,705; Mar. 6.

Anderson, John, Charleston, Wash. Spark plug. 1,467,413; Sept. 11.

Anderson, John A., Geneseo, Ill. Attachment for bearings. 1,455,515; May 15.

Anderson, John F., Oakland, Calif. Canning machine. 1,455,013; May 15.

Anderson, John F., Oakland, Calif. Can exhauster. 1,455,014; May 15.

Anderson, John H., St. Paul, Minn. Sled knee. 1,473,415; Nov. 6.

Anderson, John M. S., Bridgeport, Conn. Toy fishing game. 1,473,603; Nov. 13.

Anderson, John N., Lawrence, Mass. Driver for spinning spools. 1,469,983; Oct. 9.

Anderson, John O., and O. P. Peterson, Ely, Minn. Charge preheating and vaporizing device. 1,445,194; Feb. 13.

Anderson, John O., and O. P. Peterson, Ely, Minn. Charge preheating and vaporizing device. 1,462,844; July 24.

Anderson, John R., Moline, Ill. Plane. 1,448,177; Mar. 13.

Anderson, Julius, Minneapolis, Minn. Quick-action vise. 1,475,618; Nov. 27.

Anderson, Leonard H., Bridgeport, Conn. Draw-chuck attachment. 1,453,117; Apr. 24.

Anderson, Leonidas E., Pittsburgh, Pa. Clutch. 1,440,575; Jan. 2.

Anderson, Lorenzo N., Hawkinsville, Ga. Self-serving store. 1,461,374; July 10.

Anderson, Louis W., Grand Rapids, Mich., assignor to The Tunnel & Sewer Machine Engineering Company, Buffalo, N. Y. Tunneling machine. 1,462,997; July 24.

Anderson, Louis W., Grand Rapids, Mich., assignor to The Tunnel & Sewer Machine Engineering Company, Buffalo, N. Y. Erector for tunnel structures. 1,478,163; Dec. 18.

Anderson, Louis W., Grand Rapids, Mich., assignor to The Tunnel & Sewer Machine Engineering Company, Buffalo, N. Y. Tunneling machine. 1,478,466; Dec. 25.

Anderson Manufacturing Company. (See Anderson, James W., assignor.)

Anderson, Martin, Randwick, near Sydney, New South Wales, Australia. Expanding and smoothing the bores in gun barrels. 1,455,771; May 22.

Anderson, Monroe, Pembroke, Ky. Powder sprayer. 1,464,799; Aug. 14.

Anderson Motor Company. (See Deas, Coon A., assignor.)

Anderson, Nathalia C., Franklin, Minn. Collapsible nest. 1,443,809; Jan. 30.

Anderson, Nelson G., Chicago, Ill. Refrigerating apparatus. 1,444,862; Feb. 13.

Anderson, Newton M., assignor, by mesne assignments, to T. Bemis, sr., T. Bemis, jr., and R. Bemis, trustees of Anderson Steam Vulcanizer Company, Indianapolis, Ind. Vulcanizer. Re15,701; Oct. 23.

Anderson, Niels K., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Temperature relay. 1,470,676; Oct. 16.

Anderson, Nils A., New York, N. Y. Tool for grinding electrical contact points. 1,458,459; June 12.

Anderson, Olaf A., and J. M. Macrae, assignors to Michigan Machine Co., Detroit, Mich. Means for resurfacing cylinders. 1,472,036; Oct. 30.

Anderson, Ole, assignor of one-half to H. Nilsson, Hammond, Ind. Wall panel. Des. 63,020; Sept. 18.

Anderson, Olof B., Marquette, Mich., assignor to E. H. Longyear Company, Minneapolis, Minn. Oil-saving device for oil wells. 1,472,952; Nov. 6.

Anderson, Oscar, East Gloucester, Mass. Holder for canvas stretcher frames. 1,456,861; May 29.

Anderson, Otto, Cleveland, Ohio. Steering-wheel lock. 1,445,866; Feb. 20.

Anderson, Peter, Owatonna, Minn. Pencil pin and clip. 1,451,413; Apr. 10.

Anderson, Peter A. (See Armstrong, P. M., and Anderson.)

Anderson Piston Company, The. (See Anderson, Charles C., assignor.)

Anderson, Raymond E., Boone, Iowa. Draft equalizer. 1,450,781; Apr. 3.

Anderson-Rees Refrigerating Machine Co. (See Anderson, August P., assignor.)

Anderson, Richard E., Portland, and O. G. Larson, Silverton, assignors to A. & L. Motor Corporation, Albany, Oreg. Valve mechansim for internal-combustion engines. 1,467,747; Sept. 11.

Anderson, Robert D., Enid, Okla. Gate. 1,441,322; Jan. 9.

Anderson, Robert H., Ambler, Pa., assignor to Asbestos Shingle, Slate & Sheathing Company. Apparatus for forming strips of asbestos-cement material. 1,458,675; June 12.

Anderson, Robert M., Como, Miss. Plow fender. 1,450,828; Apr. 3.

Anderson, Robert W., Covington, Ky. Rail mounting. 1,454,915; May 15.

Anderson, Roy H., St. James, Minn. Garment fastener. 1,459,966; June 26.

Anderson, Samuel R., Hardin, Ill. Dirigible headlight for vehicles. 1,464,125; Aug. 7.

Anderson, Swan F., Rockford, Ill. Hand tool. 1,476,033; Dec. 4.

Anderson, Swan F., and A. Farb, Rockford, Ill. Wrecking tool. 1,473,072; Nov. 6.

Anderson, Thomas F. (See Carpenter, R. F., and Anderson.)

Anderson, Thomas G. (See McCoy, H. A., and Anderson.)

Anderson, Tom D., San Jose, Calif. Bed. 1,452,104; Apr. 17.

Anderson, Ulrich, Wausau, Wis. Grinding machine. 1,460,934; July 3.

Anderson, Victor C., Minneapolis, Minn. Bucksaw frame. 1,470,372; Oct. 9.

Anderson, Vincent G., Kenosha, Wis., assignor, by mesne assignments, to F. C. Austin Machinery Company. Walking motion, propelling apparatus. 1,455,380; May 15.

Anderson, Virgil C., assignor to Federal Generator Association, Seattle, Wash. Vaporizer. 1,459,667; June 19.

Anderson, William C., Kansas City, Mo. Exposure timer. 1,474,342; Nov. 20.

Anderson, William F., Torrington, Wyo. Scraping tool. 1,443,860; Jan. 30.

Anderson, William M., Minneapolis, Minn. Valve-actuating rod for internal-combustion engines. 1,443,940; Feb. 6.

Alphabetical list of patentees—Continued.

Anderson, William M., Boyceville, Wis. Cow-tail holder. 1,470,046; Oct. 9.
Anderson, William P. (See Bryce, J. W., and Anderson.)
Anderson, Wilson D., Bremerton, Wash. Vending device. 1,450,829; Apr. 3.
Anderson, Wilson D., Bremerton, Wash. Vending device. 1,450,830; Apr. 3.
Andersson, Patrik, New York, N. Y. Photograph-printing machine. 1,476,574; Dec. 4.
Andlauer, Albert P., Kansas City, Mo. Reel. 1,467,523; Sept. 11.
Andrade, Cipriano, jr., New York, N. Y. Differential. 1,471,642; Oct. 23.
Andrade, Cipriano, jr., New York, N. Y. Differential. 1,472,452; Oct. 30.
Andrade, Cipriano, jr., New York, N. Y. Differential. 1,473,201; Nov. 6.
Andrade, Jules, Doubs, France. Combination of springs. 1,440,363; Jan. 2.
Andrae, Peter J., and A. W. Swanson, Seattle, Wash.; said Andrae assignor to said Swanson. Can opener. 1,441,652; Jan. 9.
Andraska, Frank, Marshfield, Wis. Tire chain. 1,452,405; Apr. 17.
André, Marie J. C., Paris, France. Pneumatic tire. 1,458,458; June 12.
Andrea, Agnes L., New York, N. Y., assignor to Nichols Dehydrator Corporation. Apparatus for desiccating food. 1,452,586; Apr. 24.
Andreas, Alex B., assignor to J. G. Howard, Chicago; Ill. Bottle-cap remover and sealer. 1,448,047; Mar. 13.
Andreasen, Andreas, Brooklyn, N. Y. Broom and mop hanger. 1,440,900; Jan. 2.
Andreau, Roland L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of phosphorus oxychloride. 1,462,732; July 24.
Andreau, Roland L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Refining camphor. 1,468,371; Sept. 18.
Andreau, Roland L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing terpenic alcohols. 1,478,690; Dec. 25.
Andreino, Hector, assignor to Society Fabriques des Moutres Zenith successeur de Fabriques des Moutres Zenith Georges Favre-Tacot & Cie., Le Locle, Switzerland. Magneto. 1,442,512; Jan. 16.
Andres, George S., Chicago, Ill. Attaching device. 1,455,516; May 15.
Andres, Lorraine F., Cincinnati, Ohio. Film-transporting box. 1,465,204; Aug. 14.
Andresen, August, Oakland, Calif. Combined buffer and bumper. 1,449,210; Mar. 20.
Andresen, Peter N., and P. J. Jeffway, Salem, Oreg. Dirigible headlight. 1,461,341; July 10.
Andresen, Viggo V. J., Copenhagen, Denmark. Dentifrice. 1,470,794; Oct. 16.
Andrew, Cecil D., Buxton, England. Chuck for lathes and the like. 1,456,293; May 22.
Andrew, George E. (See Robbins, Frank, assignor.)
Andrew, Joseph. (See Andrew, Richard E., assignor.)
Andrew, Leroy S. (See Bronson, George E., assignor.)
Andrew, Richard E., assignor of one-half to J. Andrew, Philadelphia, Pa. Trolley crossing. 1,450,276; Apr. 3.
Andrew, Thomas, Rochdale, England. Yarn package. 1,477,162; Dec. 11.
Andrew, Vaughan L., Superior, Wis. Wind-wheel hub for windmills. 1,465,404; Aug. 21.
Andrews, Benjamin, Houston, Tex. Apparatus for treating hydrocarbons. 1,464,918; Aug. 14.
Andrews, Charles, jr., assignor to Andrews Wire & Iron Works, Rockford, Ill. Bag holder. 1,442,113; Jan. 16.
Andrews, Charles, jr., Rockford, Ill., assignor, by mesne assignments, to The Washburn Company, Worcester, Mass. Handle for toasters and the like. 1,463,541; July 31.
Andrews, Charles W., Spokane, Wash. Portable house. 1,459,761; June 26.
Andrews, Charles W., Duluth, Minn. Complete gasification of solid fuel. 1,474,012; Nov. 13.
Andrews, Charlie M., assignor of one-half to G. E. Moore, Caryville, Tenn. Combined trolley frog and electric cut-out. 1,463,029; July 24.
Andrews, Dennis C., Cloquet, Minn. Wood chipper. 1,464,690; Aug. 14.
Andrews, Edgar J., Rupert, Idaho. Scraper attachment for tractors. 1,459,566; June 19.
Andrews, Edith F., and W. B. Sturgis, Chicago, Ill. Repeating mechanism for phonographs. 1,473,071; Nov. 6.
Andrews, Edward F., Maywood, Ill. Hydrometer. 1,453,488; May 1.
Andrews, Edward F., and R. E. Acre, Maywood, Ill. Single-unit generating plant. 1,447,371; Mar. 6.
Andrews, Frank W., Wapakoneta, Ohio. Auxiliary air valve for engines. 1,443,554; Jan. 30.
Andrews, Frederick A., Pequannock, N. J., assignor to The Esmond Mills, New York, N. Y. Blanket or similar article. Des. 62,078; Mar. 13.
Andrews, Frederick A., Pequannock, N. J., assignor to The Esmond Mills, New York, N. Y. Blanket or similar article. Des. 62,079; Mar. 13.
Andrews, Frederick A., Pequannock, N. J., assignor to The Esmond Mills, New York, N. Y. Blanket or similar article. Des. 62,080; Mar. 13.
Andrews, Frederick A., Pequannock, N. J., assignor to The Esmond Mills, New York, N. Y. Blanket or similar article. Des. 62,081; Mar. 13.
Andrews, Frederick A., Pequannock, N. J., assignor to The Esmond Mills, New York, N. Y. Blanket or similar article. Des. 62,082; Mar. 13.
Andrews, Frederick A., Pequannock, N. J., assignor to The Esmond Mills, New York, N. Y. Blanket or similar article. Des. 62,083; Mar. 13.
Andrews, Frederick A., Pequannock, N. J., assignor to The Esmond Mills, New York, N. Y. Blanket or similar article. Des. 62,084; Mar. 13.
Andrews, Frederick A., Pequannock, N. J., assignor to The Esmond Mills, New York, N. Y. Blanket or similar article. Des. 62,085; Mar. 13.
Andrews, Frederick A., Pequannock, N. J., assignor to The Esmond Mills, New York, N. Y. Blanket or similar article. Des. 62,086; Mar. 13.
Andrews, Frederick A., Pequannock, N. J., assignor to The Esmond Mills, New York, N. Y. Blanket or similar article. Des. 62,130; Mar. 27.
Andrews, Frederick A., Pequannock, N. J., assignor to The Esmond Mills, New York, N. Y. Blanket or similar article. Des. 62,131; Mar. 27.
Andrews, Frederick A., Pequannock, N. J., assignor to The Esmond Mills, New York, N. Y. Blanket or similar article. Des. 62,161; Apr. 3.
Andrews, Frederick A., Pequannock, N. J., assignor to The Esmond Mills, New York, N. Y. Blanket or similar article. Des. 62,162; Apr. 3.
Andrews, Frederick A., Brooklyn, assignor to The Esmond Mills, New York, N. Y. Blanket or similar article. Des. 62,252; Apr. 24.
Andrews, Fredrick B., Yonkers, N. Y. Lawn mower. 1,441,141; Jan. 2.
Andrews, Harry D., Cheyenne, Wyo. Hood attachment. 1,447,114; Feb. 27.
Andrews, John G., Murphysboro, Ill. Sanitary soap tray. 1,459,043; June 19.
Andrews, John M. (See Stanley, Charles O., assignor.)
Andrews, John S., Gary, Ind. Steam boiler. 1,459,648; June 19.
Andrews, John S., Gary, Ind. Combustion apparatus. 1,459,649; June 19.
Andrews, Leslie G., and R. R. Theis, Lincoln, Nebr. Key holder. 1,451,802; Apr. 17.
Andrews, Preston L., Brooklyn, N. Y. Envelope-fastening device. 1,474,876; Nov. 20.
Andrews, Richard, assignor of three-fourths to E. O. Zynda, Charles Town, W. Va. Paper tent. 1,448,821; Mar. 20.
Andrews, Roger W., Washington, D. C., assignor to Northern Equipment Company, Erie, Pa. Feeding water to boilers. 1,440,521; Jan. 2.
Andrews, Roger W., Pittsburgh, assignor to Northern Equipment Company, Erie, Pa. Boiler-feed-water regulator. 1,454,146; May 8.
Andrews, William G., Chicago, Ill. Machine and process for remilling finished flour to bleach same and open starch cells. 1,462,730; July 24.
Andrews Wire & Iron Works. (See Andrews, Charles, jr., assignor.)
Andrich, Herbert F., Detroit, Mich. Pneumatic-tire casing. 1,455,855; May 22.
Andrioli, Vittorio, Schenectady, N. Y. Expanding crosshead shoe. 1,475,337; Nov. 27.
Andrist, Loren W. R., Mankato, Minn. Camping kit. 1,441,475; Jan. 9.
Andrix, Harry, Adrian, Mich. Nut lock. 1,448,178; Mar. 13.
Andrus, Millard B., Draper, Utah. Beet topper. 1,465,798; Aug. 21.
Anekee, John. (See Faubert, V. T., Anekee, and Young.)
Anfindsen, Christian B., Charleroi, Pa. Kick-back car dump. 1,453,331; May 1.
Angel, Adrian W. (See Moll, W., and Angel.)
Angel, Albert, Cleveland, Ohio. Advertising apparatus. 1,465,753; Aug. 21.
Angel International Corporation. (See Stanley, Irving, assignor.)
Angeletti, Joseph M., New York, N. Y. Hair cutter. 1,445,057; Feb. 13.
Angell, Arnold A., Chicago, Ill. Method and apparatus for finishing leather. 1,463,542; July 31.
Angell, Chester M., assignor to Vesta Battery Corporation, Chicago, Ill. Handling, drying, and forming pasted battery plates. 1,451,801; Apr. 17.
Angell, Chester M., assignor to Vesta Battery Corporation, Chicago, Ill. Isolator for battery separators. 1,460,010; June 26.
Angell, Frank B., assignor of seven-sixteenths to A. Koenig, San Francisco, and one-eighth to C. F. Forester, Los Angeles, Calif. Can-opening device. 1,472,862; Nov. 6.
Angelus, Louis, New York, N. Y. Steaming cabinet. 1,453,967; May 1.
Angerer, Victor, Ridley Park, assignor to William Wharton, Jr., & Company, Incorporated, Easton, Pa. Switch tongue. 1,466,461; Aug. 28.
Angevine, G. U., Company, The. (See Angevine, Glenn U., assignor.)
Angevine, Glenn U., assignor to The G. U. Angevine Company, Chicago, Ill. Drapery hanger. 1,451,754; Apr. 17.

Angier, Edward H. (See Wheildon, William M., assignor.)
Angier, Edward H., Framingham, Mass. Bale. 1,468,130; Sept. 18.
Angier, Edward H., Framingham, Mass. Packaging articles. 1,476,319; Dec. 4.
Angier, Edward H., Framingham, and W. M. Wheildon, Ashland, Mass., said Wheildon assignor to said Angier. Package. 1,447,331; Mar. 6.
Angle Brace Collapsible Box Company. (See Beere, Arthur W., assignor.)
Angle, Glenn D., Dayton, Ohio. Adjustable coupling for magneto drives. 1,454,594; May 8.
Anglemyer, Williard A., Indianapolis, Ind. Shock absorber. 1,476,320; Dec. 4.
Anglim, Thomas H., Dunkirk, N. Y. Method and apparatus for pasteurizing milk. 1,468,871; Sept. 25.
Anglo American Mill Co. (See Lake, Edmund F., assignor.)
Angus, Arthur R., Minehead, England. Railway safe-running device. 1,443,304; Jan. 23.
Angus, Arthur R., Westminster, London, England. Control of trains. 1,443,305; Jan. 23.
Animated Picture Products Company. (See Saalburg, Charles W., assignor.)
Anko Manufacturing Company, The. (See Kohl, Theodore G., assignor.)
Anlauf, Carl, Pipestone, Minn. Walking stepladder. 1,467,245; Sept. 4.
Annison, Richard H., London, England. Piston-control mechanism. 1,463,785; Aug. 7.
Ansardi, Adam. (See Gravolet, J. D., and Ansardi.)
Ansart, Louis L., assignor to Underwood Computing Machine Company, New York, N. Y. Computing machine. 1,460,469; July 3.
Ansbacher Motorenfabrik Karl Bachmann Aktiengesellschaft. (See Kreissle, Hermann O., assignor.)
Anschutz & Co. (See Schuler, Max, assignor.)
Ansco Company. (See Bornmann, Carl., assignor.)
Ansco Company. (See Pausch, Oliver W., assignor.)
Anshen, Zalkind, Boston, Mass., assignor to Boston Jewelry Manufacturing Company. Crown setting for articles of jewelry. Des. 63,548; Dec. 18.
Ansley Aerial Company. (See Smith, Robert B., assignor.)
Ansley, Frederick C. R. (See Bedingfield, Charles H., assignor.)
Anson, Edward E., Clarksville, Ohio. Adjustable gate. 1,458,794; June 12.
Ansorge, Percy I., Brooklyn, N. Y. Lighting-fixture part. Des. 62,560; June 26.
Ansorge, Percy I., Brooklyn, N. Y. Lighting-fixture part. Des. 62,630; July 10.
Anspach, Charles, Brownlee, Nebr. Folding egg crate. 1,468,936; Sept. 25.
Anspach, Marcel, assignor to Societe Anonyme Belge "Saber" Entreprises & Revetements, Brussels, Belgium. Glass tile for covering walls. 1,454,842; May 15.
Anstead, George J., Baltimore, Md. Type-bar clip for typewriters. 1,443,065; Jan. 23.
Antal, John, Brooklyn, N. Y. Jewel case. Des. 63,445; Dec. 11.
Anthon, John H., San Francisco Calif. Game. 1,475,734; Nov. 27.
Anthon, John H., assignor of one-half to A. L. Slee, San Francisco, Calif. Antiskidding device. 1,447,004; Feb. 27.
Anthony, Alfred R., Detroit, Mich. Burner. 1,451,063; Apr. 10.
Anthony Company. (See Anthony, William C., assignor.)
Anthony Company, The. (See Dent, William H., assignor.)
Anthony Company, The. (See Martindell, Frank, assignor.)
Anthony Company, The. (See Morse, Albert W., assignor.)
Anthony Company, The. (See Wollheim, Walter E., assignor.)
Anthony, George H., Sykesville, Pa. Automatic tire pump. 1,448,248; Mar. 13.
Anthony, James T., East Orange, N. J. Washing machine. 1,459,079; June 19.
Anthony, Joseph W., Lynn, Mass. Leather-folding machine. 1,477,745; Dec. 18.
Anthony, Marcus O., New York, N. Y. Pin ticket. 1,451,486; Apr. 10.
Anthony, Marcus O., New York, N. Y., assignor to Continental Engineering Corporation, Omaha, Nebr. Rotary valve for internal-combustion engines. 1,454,423; May 8.
Anthony, Marcus O., New York, N. Y., assignor to Continental Engineering Corporation, Omaha, Nebr. Self-grinding poppet valve. 1,467,991; Sept. 18.
Anthony, Marcus O., Cleveland, Ohio, assignor to Continental Engineering Corporation, Omaha, Nebr. Rotary valve. 1,462,160; July 17.
Anthony, Riley E., Omaha, Nebr. Eccentric hook. 1,463,381; July 31.
Anthony, Thomas P., Edgewater Park, N. J. Pipe manufacture. 1,469,206; Oct. 2.
Anthony, Thomas P., Edgewater Park, N. J. Method and apparatus for forming pipe molds. 1,475,217; Nov. 27.
Anthony-Vail Tool & Machine Company. (See Vail, Charles H., assignor.)
Anthony, William C., assignor to Anthony Company, Streator, Ill. Body scoop. 1,468,951; Sept. 25.
Anthony, William C., assignor to Anthony Company, Streator, Ill. Rocker dumping body. Re15,690; Sept. 25.
Anthracite Separator Company. (See Pardee, Frank, assignor.)
Anti-Corrosion Engineering Company. (See Musselman, Joseph F., assignor.)
Antisell, Frank L., Perth Amboy, N. J. Electrolytic deposition of copper. 1,465,034; Aug. 14.
Antisell, Frank L., Perth Amboy, N. J. Pump or prime mover. 1,471,320; Oct. 23.
Antoine, Alfred D., assignor to Advance Machine Company, Chicago, Ill. Check-controlled machine. 1,452,721; Apr. 24.
Anton, Christopher L., Monongahela, Pa. Combination wrench and pipe cutter. 1,449,486; Mar. 27.
Anton, Ray. (See Sabbag, L. G., and Anton.)
Antonelli, Giuseppe, Turin, Italy. Shock absorber. 1,462,731; July 24.
Anyway Sweeper Manufacturing Company. (See Cohen, Harry, assignor.)
Apeldoornsche Machinefabriek en Melaalgieterij Voorheen Loog Landaal. (See Ferguson, George, assignor.)
Apffel, Charles, Cincinnati, Ohio. Knitting machine. 1,459,352; June 19.
Apgar, Marshall F. (See Hall, J. H., and Apgar.)
Apgar, Stanley, assignor to Taylor-Wharton Iron and Steel Company, High Bridge, N. J. Heat treatment of light castings. 1,462,460; July 17.
Apgar, Stanley, and G. R. Hanks, assignors to Taylor-Wharton Iron and Steel Company, High Bridge, N. J. Treatment of manganese steel castings. 1,466,636; Aug. 28.
Apollo Magneto Corporation. (See Schmid, Herman, assignor.)
Apothéloz, Charles, New York, N. Y. Tea and coffee strainer. 1,478,628; Dec. 25.
Appel, Eugene, Los Angeles, Calif. Water service. 1,445,058; Feb. 13.
Appel, Fred, et al. (See Webb, Benjamin F., assignor.)
Appel, Henry, Plainview, Minn. Box-cover fastener. 1,476,679; Dec. 11.
Appelgate, Herlin M., Brooklyn, assignor of one-half to I. Warner, New York, N. Y. Electric timer. 1,472,780; Nov. 6.
Appelhoff, Constantine, Dayton, Ohio. Outlet strainer. 1,467,772; Sept. 11.
Appelquist, Erik, Worcester, Mass., assignor to Rule Form Machine Company. Rule-form machine. 1,474,924; Nov. 20.
Appinger, Friedrich, and P. Bachhofer, Nuremberg, Germany. Adjustable screw spanner. 1,446,956; Feb. 27.
Apple, Grover C., Greensboro, N. C. Cap. 1,462,438; July 17.
Apple, Vincent G., Dayton, Ohio. Armature construction. 1,440,951; Jan. 2.
Apple, Vincent G., Dayton, Ohio. Dynamo-electric machine. 1,440,952; Jan. 2.
Apple, Vincent G., Dayton, Ohio. Current-controlling device. 1,449,370; Mar. 27.
Apple, Vincent G., Dayton, Ohio. Constructing armatures for dynamo-electric machines. 1,449,371; Mar. 27.
Apple, Vincent G., Dayton, Ohio. Tool for forming insulators. 1,453,118; Apr. 24.
Apple, Vincent G., Dayton, Ohio. Bearing. 1,474,134; Nov. 13.
Applebaum, Samuel B., assignor to The New Rochelle Permutit Company, New York, N. Y. Water-softening apparatus. 1,443,892; Jan. 30.
Appleberg, Edwin J., Chicago, Ill. Automatic change gear. 1,472,263; Oct. 30.
Appleby, Clarence K., Providence, R. I. Calculator. 1,440,364; Jan. 2.
Appleby, William H., Sandwich, Ontario, Canada. Tiltable and quick-detachable steering wheel. 1,444,898; Feb. 13.
Applegate, Daniel, Port Clinton, Ohio. Frictional gearing. 1,454,615; May 8.
Applegate, George H., Orlando, assignor of one-third to H. Tisell, Tampa, Fla., and one-third to A. D. Dalrymple, Mackinaw City, Mich. Combined locket and watch or clock. 1,446,082; Feb. 20.
Applegate, H. W. (See Shaw, John T., assignor.)
Appleton Electric Co. (See Anderson, Ernest G. K., assignor.)
Appleton, Ernest G., assignor to Chicago Fuse Mfg. Co., Chicago, Ill. Fuse plug. 1,475,558; Nov. 27.
Appleton Wood Products Co. (See Miller, Richard, assignor.)
Aptowicz, Leon, Brooklyn, N. Y. Ash sifter. 1,464,964; Aug. 14.
Aptowicz, Leon, Yonkers, N. Y. Sled. 1,475,529; Nov. 27.
Aquazone Laboratories, Inc. (See Brazelle, Benjamin, assignor.)
Aragose, Frank, North Adams, Mass. Spark plug. 1,452,177; Apr. 17.
Arbes, Peter J., Ada, Minn. Pants presser. 1,471,676; Oct. 23.
Arbuckle, Alexander J., Johannesburg, Transvaal, South Africa. Means for separating the liquid and solid components of mixtures of liquids and solids. 1,454,916; May 15.

Alphabetical list of patentees—Continued.

Arbuckle, Samuel F., Connersville, Ind., assignor to Monogram Lens Corporation, New York, N. Y. Headlight construction. 1,460,834; July 3.
Arbuckle, Samuel F., Detroit, Mich., assignor to Monogram Lens Corporation, New York, N. Y. Making light distributors and manufacturing the same uniformly in quantities. 1,460,835; July 3.
Arbuckle, Samuel F., Detroit, Mich., assignor to Monogram Lens Corporation, New York, N. Y. Glass-mold-burnishing process and apparatus. 1,460,836; July 3.
Arbuthnot, Earl H., Flora, Ill. Clamp. 1,465,329; Aug. 21.
Arcade Manufacturing Company. (See Tscherning, Henry, assignor.)
Arcadia Trailer Corporation. (See Burgess, Frank D., assignor.)
Arce, Manuel J., Buenos Aires, Argentina. Elastic wheel. 1,447,291; Mar. 6.
Arch Crown Mfg. Co. (See Wittstein, Charles T., assignor.)
Archer, Charles L., Des Moines, Iowa. Cord tire. 1,451,645; Apr. 10.
Archer, John, Toronto, Ontario, Canada. Water heater. 1,474,878; Nov. 20.
Archer, Lenah B., executrix. (See Burrows, Linus P.)
Archer, Robert S., and Z. Jeffries, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum-base alloy and treating it. 1,472,738; Oct. 30.
Archer, Robert S., and Z. Jeffries, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum-base alloy. 1,472,739; Oct. 30.
Archer, Robert S., and Z. Jeffries, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum-base alloy. 1,472,740; Oct. 30.
Archer, Thomas P. (See Andersen, A. C., Archer, and Seiler.)
Archer, Thomas P. (See Edgar, F. M., and Archer.)
Archibald, Eugene C., Council Bluffs, Iowa. Spring rope socket. 1,474,701; Nov. 20.
Archibald, Francis D., Mamaroneck, N. Y. Manufacture of nuts for screw bolts, etc. 1,473,777; Nov. 13.
Archibald, Whitney A., Bellingham, Wash. Log-loading jack. 1,475,559; Nov. 27.
Arden Mills, Inc. (See Feldman, Harold B., assignor.)
Ardner, Max, Lock Haven, Pa. Plumber's clamp. 1,465,330; Aug. 21.
Ardo, Joseph, assignor of one-half to K. Horvath, Newhall, W. Va. Manually-propelled flying machine. 1,451,385; Apr. 10.
Ardo, Joseph, and F. Melfo, Newhall, W. Va. Variable electric lamp. 1,464,346; Aug. 7.
Arend, Franz, J. Schwalb, and W. Sonnemann, Frankfort-on-the-Main, Germany. Fastening the scraper arms for mechanical roasting furnaces. 1,442,595; Jan. 16.
Arendt, Morton, New York, N. Y. Dynamo-electric machine. 1,476,575; Dec. 4.
Arendt, Morton, New York, N. Y., and E. V. Brown, New London, Conn. Hydrogen detector. 1,467,911; Sept. 11.
Arens, Fernando, Sao Paulo, Brazil. Machine for the manufacture of piping and the like by centrifugal castings. 1,469,242; Oct. 2.
Arensberg, Charles F. C., et al. (See Vogt, Clarence C., assignor.)
Arent, Arthur, assignor to Arthur Arent Laboratories, Inc., Des Moines, Iowa. Reducing inflammability of materials. 1,451,313; Apr. 10.
Arent, Arthur, Laboratories, Inc. (See Arent, Arthur, assignor.)
Arentz, Andrew C., et al. (See Gill, Charles H., assignor.)
Arentz, Hjalmar, Hellerup, Denmark. Machine for the cleansing of the bottoms and sides of floating ships. 1,471,935; Oct. 23.
Arey, Samuel E., and J. J. Hern, Fellows, Calif. Sucker-rod hanger. 1,440,712; Jan. 2.
Argenbright, David E. (See Magann, Douglas P., assignor.)
Arian, Edward D., assignor of one-third to C. D. Thomas and one-third to F. J. Rich, San Francisco, Calif.; F. J. Rich, administrator of said C. P. Thomas, deceased. Desiccator. 1,457,483; June 5.
Ariens, Frank A., and W. A. Wagner, Sioux City, Iowa. Animal trap. 1,443,334; Jan. 30.
Arkell Safety Bag Company. (See Wandel, Kurt, assignor.)
Arkell Safety Bag Company. (See Widmer, Howard G., assignor.)
Arkwright, Delaney, jr., Newton Falls, Ohio. Burner. 1,453,780; May 1.
Arledge, William W. (See Pue, W. A., and Sifford, assignors.)
Arleskie, William S., Pittston, Pa. Air brake. 1,471,815; Oct. 23.
Arm, Max, New York, N. Y. Lock. 1,452,406; Apr. 17.
Armagnat, Pierre J., Paris, France. Wavemeter. 1,460,636; July 3.
Armbroster, Frederick, Averne, N. Y. Window or door stop. 1,451,487; Apr. 10.
Armbrust, Charles W. (See Hogan, Ada, assignor.)
Armbruster, Charles E. H., Denver, Colo. Reflectoscope. 1,469,411; Oct. 2.
Armbruster, Charles E. H., Denver, Colo. Dynamic phoroptometers. 1,469,412; Oct. 2.
Armbruster, Ferdinand P., et al., trustees. (See Schmitz, Richard, assignor.)
Armengaud, Pierre, Courbevoie, France. Insulating handle for saucepans or other kitchen utensils. 1,455,760; May 15.
Armentrout, Luther E., Borderland, W. Va. Trolley and feed wire clamp. 1,450,347; Apr. 3.
Armor, James C., West View Borough, Pa. Arc-welding composition. 1,467,825; Sept. 11.
Armorcord Rubber Company, The. (See McLane, Joseph A., assignor.)
Armour Fertilizer Works. (See Meyers, Herbert H., assignor.)
Armour Grain Co. (See Fisk, Jesse F., assignor.)
Armour, John C., Montreal, Quebec, Canada. Portable electric lamp. 1,471,133; Oct. 16.
Armour Leather Company. (See Ertel, John, assignor.)
Arms, Leland J., Berkeley, Calif. Carton for folded tissue paper. 1,459,275; June 19.
Arms Products Company. (See Newton, Richard T., assignor.)
Armstrong, Arthur N., Oneida, N. Y. Manifold heater. 1,467,281; Sept. 4.
Armstrong, Charles D., assignor to Armstrong Cork Company, Pittsburgh, Pa. Rubber heel. Des. 61,885; Feb. 6.
Armstrong, Charles J., Austin, Tex. Quick-acting wrench. 1,456,208; May 22.
Armstrong Company, The. (See Armstrong, Harry H., assignor.)
Armstrong, Edward P. and H. W., Portland Oreg. Automatic saw-sharpening machine. 1,452,351; Apr. 17.
Armstrong, Edwin J., assignor to Ball Engine Company, Erie, Pa. Power shovel. 1,447,332; Mar. 6.
Armstrong, Edwin J., assignor of one-half to A. C. Vicary, Erie, Pa. Closure for oil-chamber openings. 1,448,718; Mar. 20.
Armstrong, Edwin J., assignor of one-half to A. C. Vicary, Erie, Pa. Locking device for power shovels and the like. 1,451,803; Apr. 17.
Armstrong, Eliot, Buffalo, assignor to Niagara Metal Stamping Corporation, Niagara Falls, N. Y. Luminous sign and the like. 1,446,241; Feb. 20.
Armstrong, Evan A. (See Harris, Archer H., assignor.)
Armstrong Farm Tractor Company. (See Armstrong, William A., assignor.)
Armstrong, Frank H., Auburn, assignor to Corona Typewriter Company, Inc., Groton, N. Y. Typewriting machine. 1,453,577; May 1.
Armstrong, Frank H., Auburn, assignor to Corona Typewriter Company, Inc., Groton, N. Y. Typewriting machine. 1,453,578; May 1.
Armstrong, Frank H., Auburn, assignor to Corona Typewriter Company, Inc., Groton, N. Y. Typewriting machine. 1,453,579; May 1.
Armstrong, Frank H., Auburn, assignor to Corona Typewriter Company, Inc., Groton, N. Y. Typewriting machine. 1,453,580; May. 1.
Armstrong, Frank H., Auburn, assignor to Corona Typewriter Company, Inc., Groton, N. Y. Typewriting machine. 1,453,581; May 1.
Armstrong, Frank H., Auburn, assignor to Corona Typewriter Company, Inc., Groton, N. Y. Typewriting machine. 1,453,582; May 1.
Armstrong, Frank H., Auburn, assignor to Corona Typewriter Company, Inc., Groton, N. Y. Segment carrier for typewriting machines. 1,461,717; July 17.
Armstrong, Frank H., Auburn, assignor to Corona Typewriter Company, Inc., Groton, N. Y. Typewriting machine. 1,461,718; July 17.
Armstrong, Frank H., Auburn, assignor to Corona Typewriter Company, Inc., Groton, N. Y. Typewriting machine. 1,461,719; July 17.
Armstrong, Frank H., Auburn, assignor to Corona Typewriter Company, Inc., Groton, N. Y. Typewriting machine. 1,461,720; July 17.
Armstrong, Harry H., assignor to The Armstrong Company, Los Angeles, Calif. Recovering condensable vapors from gases. 1,463,782; Aug. 7.
Armstrong, Harry Y., Springfield, Mass., assignor of one-half to W. L. Hall, Chicago, Ill. Envelope. 1,448,179; Mar. 13.
Armstrong, Henry W. (See Armstrong, Edward P. and H. W.)
Armstrong, Henry W., New Haven, assignor of one-half to H. Wyman, Plantsville, Conn. Hydraulic jack. 1,459,432; June 19.
Armstrong, James F., Elgin, Nebr., assignor to E. O. McMahon, Brunswick, Nebr. Foot accelerator attachment for automobiles. 1,441,053; Jan. 3.
Armstrong, James H. A., Holyoke, Mass., assignor to American Writing Paper Company. Making paper having the appearance of hand-made paper. 1,470,675; Oct. 16.
Armstrong, James R., Pittsburgh, and T. B. Wylie, Bellevue, Pa. Integrating and registering device for fluid meters. 1,476,576; Dec. 4.
Armstrong, John. (See Connell, J. W., and Armstrong.)
Armstrong, Louis E., Fort Dodge, Iowa. Plaster board. 1,475,674; Nov. 27.

Armstrong, Louis E., assignor to Plymouth Gypsum Company, Fort Dodge, Iowa. Plaster board. 1,445,813; Feb. 20.

Armstrong, Malcolm P., et al. (See Taylor, S. M., and Osborn, assignors.)

Armstrong, Oliver C. (See Stephenson, J. R., and Armstrong.)

Armstrong, Percy A. E., Loudonville, N. Y. Apparatus for electrical heating of fluids. 1,448,510; Mar. 13.

Armstrong, Percy A. E., Loudonville, N. Y. Heat-treated stable-surface alloy steel. 1,456,088; May 22.

Armstrong, Percy A. E., Loudonville, N. Y. Making tubular bodies. 1,461,018; July 10.

Armstrong, Percy A. E., Loudonville, N. Y. Electrical heating element. 1,467,562; Sept. 11.

Armstrong, Percy A. E., Loudonville, N. Y. Corrosion and heat resisting apparatus. 1,467,563; Sept. 11.

Armstrong, Percy A. E., Loudonville, N. Y. Means for preventing displacement of rollers in roller bearings. 1,469,991; Oct. 9.

Armstrong, Percy A. E., Loudonville, assignor to Ludlum Steel Company, Watervliet, N. Y. Alloy steel and articles made therefrom. 1,468,937; Sept. 25.

Armstrong, Percy A. E., Loudonville, and R. P. De Vries, Newtonville, N. Y.; said De Vries assignor to said Armstrong. Electrical heating element. 1,460,048; June 26.

Armstrong, Peter M., and P. A Anderson, Hamilton, Ontario, Canada. Sweeper. 1,447,115; Feb. 27.

Armstrong, Robert B., et al. (See Armstrong, Robert B., assignor.)

Armstrong, Robert B., assignor to R. B. Armstrong and R. & W. Hawthorn Leslie & Company, Limited, Newcastle-on-Tyne, England. Gear-transmission device. 1,475,468; Nov. 27.

Armstrong, Robert F., La Cygne, Kans. Gopher gun. 1,464,861; Aug. 14.

Armstrong Siddeley Motors Limited. (See Viale, Spirito M., assignor.)

Armstrong, Sir W. G., Whitworth & Company. (See Halliwell, Walter, assignor.)

Armstrong, Sir W. G., Whitworth, and Company Limited. (See Lee, H. W., and Swindale, assignors.)

Armstrong & White. (See White, Benjamin B., assignor.)

Armstrong, William A., Waco, Tex., assignor to Armstrong Farm Tractor Company, Dallas, Tex. Tractor. 1,461,997; July 17.

Arnal, Albert E., Paris, France. Artificial arm. 1,469,431; Oct. 2.

Arnaud, Benjamin A., assignor to Societe Lyonnaise de Compteurs d'Eau, Lyon, France. Water meter. 1,460,880; July 3.

Arndt, Franklin E., assignor to The Galion Iron Works &. Mfg. Co., Galion, Ohio. Stone spreader. 1,454,308; May 8.

Arndt, Franklin E., assignor to The Galion Iron Works & Mfg. Co., Galion, Ohio. Self-balanced turntable. 1,465,331; Aug. 21.

Arndt, Franklin E., assignor to The Galion Iron Works & Mfg. Co., Galion, Ohio. Conveyer and driving mechanism therefor. 1,477,234; Dec. 11.

Arneson, Oscar, Garretson, S. Dak. Lifting tongs. 1,451,606; Apr. 10.

Arnold, Albert A. (See Evers, A. J., and Sauvage, assignors.)

Arnold, Albert A., Oak Park, Ill. Pasteboard-box-making machine. 1,463,567; July 31.

Arnold, Arthur A., Hartford, assignor to Winchester Repeating Arms Company, New Haven, Conn. Hand-lamp. 1,454,530; May 8.

Arnold, Arthur A., assignor to American Optical Company, Southbridge, Mass. Lens holder. 1,461,078; July 10.

Arnold, Charles E., San Diego, Calif. Cigarette package. 1,448,326; Mar. 13.

Arnold, Charles L., and C. Edelen, Bardstown, Ky. Saw. 1,449,805; Mar. 27.

Arnold-Creager Company, The. (See Graham, Henry W. B., assignor.)

Arnold, Edward E., Coventry, assignor to The Nitrogen Corporation, Providence, R. I. Purifying mineral oils. 1,454,593; May 8.

Arnold, Edwin E., Pittsburgh, Pa., assignor to Rees Manufacturing Company. Ratchet-jack-shaft brake. 1,465,569; Aug. 21.

Arnold, Edwin E., assignor to Rees Manufacturing Company, Pittsburgh, Pa. Jack handle. 1,468,771; Sept. 25.

Arnold, Edwin E., Pittsburgh, Pa., assignor to Iron City Products Company. Lifting-jack. 1,465,570; Aug. 21.

Arnold, Edwin H., Coventry, and W. T. Wakeford, assignors to The Nitrogen Corporation, Providence, R. I. Drying gases. 1,463,279; July 31.

Arnold, Edwin H., Coventry, and W. T. Wakeford, assignors to The Nitrogen Corporation, Providence, R. I. Ammonia synthesis autoclave. 1,463,280; July 31.

Arnold, Frank K. (See Sévigné, H. A., and Arnold.)

Arnold, Frank M., Rozel, Kans. Drill hitch. 1,446,608; Feb. 27.

Arnold, Frank O., Duluth, Minn. Coupling. 1,461,958; July 17.

Arnold, Frederick A., San Diego, Calif. Vehicle lock. 1,444,161; Feb. 6.

Arnold, Harold D., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Thermionic amplifier circuit. 1,448,550; Mar. 13.

Arnold, Harold D., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Vacuum-tube amplifier. 1,465,332; Aug. 21.

Arnold, Harold D., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. System of telephony. 1,449,372; Mar. 27.

Arnold, Harold D., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electric discharge device. 1,456,528; May 29.

Arnold, Harry S. (See Lewellen, M. P., and Arnold.)

Arnold, Henry W., Sacramento, Calif., assignor to Old Mother Hubbard's Grocery Cupboard Corporation, San Francisco, Calif. Display and selling apparatus. 1,441,653; Jan. 9.

Arnold, Homer L., Arcata, Calif. Direction indicator. 1,453,902; May 1.

Arnold, Joseph, Ganshoren, near Brussels, Belgium. Device for the preservation and aseptic drawing off of liquids. 1,451,937; Apr. 17.

Arnold, Lyman, Lynn, Mass., assignor to General Electric Company. Regulating device. 1,459,967; June 26.

Arnold, Satterlee T., assignor to Southern Textile Machinery Company, Paducah, Ky. Electric sadiron. 1,470,047; Oct. 9.

Arnold, Stanley B., Chicago, Ill. Internal-combustion engine. 1,442,461; Jan. 16.

Arnold, Valentine, Woodville, Ohio. Limekiln. 1,442,845; Jan. 23.

Arnoldson, Arnold J., Elsinore, Utah. Resilient wheel. 1,455,517; May 15.

Arnoll, Arthur G., Glendale, Calif., assignor to National Carbon Company, Inc., New York, N. Y. Switch for portable lamps. 1,458,460; June 12.

Arnstein, Hugo, and C. M. Mardel, Oakland, Calif. Movable unloading platform. 1,459,080; June 19.

Arnstein, Karl, Friedrichshafen, Germany. Skeleton frame construction for airships and the like. 1,456,497; May 29.

Arnstein, Karl, assignor to the Firm Luftschiffbau Zeppelin Gesellschaft mit beschrankter Haftung, Friedrichshafen, Germany. Light-weight girder. 1,449,721; Mar. 27.

Arntz, Lew, Des Moines, Iowa. Device for preventing the loss of cuff buttons. 1,445,062; Feb. 13.

Arntz, Lew, Des Moines, Iowa. Bifocal lens. 1,445,063; Feb. 13.

Arntz, Lew, Des Moines, Iowa. Button structure. 1,470,342; Oct. 9.

Arntzen, Richard H., Serena, Ill. Gun. 1,448,587; Mar. 13.

Aronne, Louis. (See Rogati, A., and Aronne.)

Aronson, Louis V., Newark, N. J. Toy pistol. 1,446,536; Feb. 27.

Aronson, Louis V., Newark, N. J. Toy pistol. 1,446,537; Feb. 27.

Aronson, Louis V., Newark, N. J. Whirligig. 1,462,317; July 17.

Aronson, Saul. (See Wilkinson, E. E., and Aronson.)

Arragg, George M. (See Dyson, John, assignor.)

Arrenbrecht, John, Salem, Ohio. Demountable spring rim for vehicle wheels. 1,478,197; Dec. 18.

Arrighi, Maurice. (See Bottinelli, P. E., and Arrighi.)

Arrigoni, Ferdie, New York, N. Y. Oil cap. 1,461,436; July 10.

Arrington, Edna, Star, Oreg. Vehicle signal. 1,465,405; Aug. 21.

Arrousez, Frank P. (See Hollins, W. C., and Arrousez.)

Arrow Electric Company, The. (See Gates, Frederic P., assignor.)

Arrow Electric Company, The. (See Harrington, William H., assignor.)

Arrow Grip Manufacturing Co. (See Avery, True M., assignor.)

Arrowsmith, George M., Kansas City, Mo., assignor to J. W. Ivory, Philadelphia, Pa. Tooth separator. 1,456,294; May 22.

Arrowsmith, Robert, Homestead, Mont. Shock absorber. 1,461,959; July 17.

Arrowood, Jehu M., Valparaiso, Ind. Airplane. 1,459,942; June 26.

Arrowood, Milton W., Chicago, Ill., assignor to Ground Coal Engineering Corporation, Worcester, Mass. Feeding powdered fuel. 1,474,613; Nov. 20.

Arsenault, Roméo, M. Phillips, and L. Duchesneau, Capdela Madeleine, Quebec, Canada. Automobile wheel. 1,446,146; Feb. 20.

Art-Mosaic and Tile Company. (See Wright, R. E., and Barthel, assignors.)

Art Novelty Manufacturing Company. (See Eyman, Frank H., assignor.)

Arter, Roy C., assignor to The North Electric Manufacturing Company, Galion, Ohio. Machine-switching telephone system. 1,455,769; May 22.

Arter, William, Worcester, Mass. Starting and stopping mechanism. 1,445,283; Feb. 13.

Arthur, George T., assignor to The Holt Manufacturing Company, Stockton, Calif. Track link. 1,450,478; Apr. 3.

Arthur, Harry G. (See McClenathen, R., and Arthur.)

Arthur, Paul, Chicago, Ill. Composite heel. 1,475,042; Nov. 20.
Arthur, Richard S., assignor, by mesne assignments, to Utility Cabinet Company, Newark, N. J. Vending machine. 1,448,249; Mar. 13.
Arthur Trading Corporation. (See Hennech, Arthur B., assignor.)
Arthur, William, New Haven, Conn. Registering mechanism. 1,458,509; June 12.
Arthurs, Irvin, Bells Landing, Pa. Dirigible headlight. 1,454,260; May 8.
Artman, Joseph H., Laurel, Nebr. Automatic stock fountain. 1,461,744; July 17.
Arundel, Hubert. (See Higginson, J., and Arundel.)
Arvidson, Herman, Minneapolis, Minn. Necktie holder. 1,452,722; Apr. 24.
Arzinger, William F., Jersey City, N. J. Luminous pendant. 1,460,694; July 3.
Asanio, Stephen, and L. Marconi, New York, N. Y. Crab net. 1,447,502; Mar. 6.
Asbestos Shingle, Slate & Sheathing Company. (See Anderson, Robert H., assignor.)
Asbestos Shingle, Slate & Sheathing Company. (See Ledeloer, John W., assignor.)
Asbury, Dorsey F., Washington, D. C. Valve mechanism for internal-combustion engines. 1,478,596; Dec. 25.
Ascher, M., Silk Corporation. (See Wilkins, Jay Y., assignor.)
Aseltine, Fred E., assignor to General Motors Research Corporation, Dayton, Ohio. Method and means for incorporating an antiknock substance with a motor-fuel mixture. 1,467,222; Sept. 4.
Ash, Charles S., Geneva, N. Y. Vehicle wheel. 1,442,846; Jan. 23.
Ash, Charles S., Geneva, N. Y. Making wheel hubs. 1,471,134; Oct. 16.
Ash, Charles S., assignor to California Packing Corporation, San Francisco, Calif. Peeling fruits and vegetables. 1,453,781; May 1.
Ashbrooke, John T., New York, N. Y., assignor to The Bonnie-B Company, Inc. Display cabinet. Des. 62,663; July 17.
Ashby, Allen B., Bonners Ferry, Idaho. Forwarding envelope. 1,470,051; Oct. 9.
Asher, W. L., administrator. (See Van Slyke, Moses.)
Ashley, Arthur E., Boise, Idaho. Hood support. 1,454,595; May 8.
Ashley, Erle G., Memphis, Tenn., assignor of one-third to H. B. Anderson and one-third to D. R. Thomas, Memphis, Tenn. Woodworking machinery. 1,460,780; July 3.
Ashley, Frank M. (See Carmel, Joseph, assignor.)
Ashley, Frank M. (See Trust, H., and Ashley.)
Ashley, Frank M., New York, N. Y. Flexible shade for electric lamps. 1,465,333; Aug. 21.
Ashley, Frank R. (See Maclear, James R., assignor.)
Ashley, Frank R., Edgewater, Colo. Operating mechanism for awnings. 1,459,009; June 19.
Ashley, Frank R., Edgewater, Colo. Automatic gate-operating mechanism. 1,475,272; Nov. 27.
Ashley, Frank R., Denver, Colo. Interior awning control. 1,474,505; Nov. 20.
Ashley, Raymond T., Reno, Nev. Draft means. 1,460,564; July 3.
Ashlock, Ernest H., assignor of one-fourth to W. H. Sweetland and one-fourth to W. Rittenhouse, San Diego, Calif. Chiropractic adjustment machine. 1,455,320; May 15.
Ashmore, Leon H., Collingswood, N. J. Paper clip. 1,474,102; Nov. 13.
Ashtabula Bow Socket Company, The. (See Allen Charles R., assignor.)
Ashton, George, assignor to The Central Frog and Switch Company, Cincinnati, Ohio. Rail fastener. 1,445,059; Feb. 13.
Ashton, Hannah, executrix. (See Ashton, Orrell.)
Ashton, Orrell, deceased, Swampscott; H. Ashton, executrix, Wollaston, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Pulling-over machine. 1,445,656; Feb. 20.
Ashton, Orrell, deceased, Swampscott, by H. Ashton, executrix, Wollaston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 1,472,823; Nov. 6.
Ashton, William J. (See Suhler, Moses M., assignor.)
Ashton, William J., Dallas, Tex. Vending rack. 1,458,510; June 12.
Ashworth, Allen A., and R. V. Quick, assignors of one-third to (Dr.) S. L. Ashworth, Lincoln, Nebr. Oil gauge. 1,476,321; Dec. 4.
Ashworth, Asa. (See Ashworth, Harry G. and A.)
Ashworth, Asa, Salamanca, N. Y. Yarn cleaner 1,459,135; June 19.
Ashworth, Asa, assignor to International Textile Devices, Inc., Salamanca, N. Y. Yarn cleaner. 1,442,990; Jan. 23.
Ashworth, Edward M., Toronto, Ontario, Canada. Telephone system. 1,449,487; Mar. 27.
Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation. Paterson, N. J. Starting and stopping mechanism. 1,444,021; Feb. 6.
Ashworth, George B., Amsterdam, N. Y. Locomotive-grate shaker. 1,459,813; June 26.
Ashworth, Harry G. and A., assignors to International Textile Devices, Inc., Salamanca, N. Y. Drying machine for worsted tops, yarn, etc. 1,442,419; Jan. 16.
Ashworth, S. L., (Dr.). (See Ashworth, A. A., and Quick, assignors.)
Ask, George M., Corning, Calif. Power-transmitting mechanism. 1,453,903; May 1.
Aske, Irving E., Duluth, Minn. Heater or vaporizer. 1,452,105; Apr. 17.
Aske, Irving E., Duluth, Minn. Heater or vaporizer. 1,466,389; Aug. 28.
Aske, Leonard E., Duluth, Minn. Electric vaporizer. 1,451,673; Apr. 17.
Askin, Morris W., Washington, D. C. Toilet case. 1,453,332; May 1.
Askin, Thomas B. H., Denver, Colo., and G. H. Ruggles, Inspiration, Ariz., assignors to F. E. Marcy, Los Angeles, Calif. Ball-mill lining. 1,470,420; Oct. 9.
Askins, Joseph, Lima, Ohio. Vaporizer and mixer for internal-combustion engines. 1,460,470; July 3.
Asper, Albert, Parshall, N. Dak. Tractor control attachment. 1,442,114; Jan. 16.
Asper, Albert, Parshall, N. Dak. Combined board-setting and wrecking lever. 1,445,263; Feb. 13.
Aspinwall, Robert S., Detroit, Mich. Lighting fixture. Des. 62,561; June 26.
Asplin, William E., and H. A. Wisander, West Park, Ohio. Making baskets. 1,443,941; Feb. 6.
Asplund, Axel A., Auburn, N. Y. Pulverizer. 1,473,073; Nov. 6.
Asprooth, Axel Hj., assignor to Cotta Transmission Co., Rockford, Ill. Power take-off for change-speed transmission. 1,446,326; Feb. 20.
Asquith, Stead A., Los Angeles, Calif. Metal-working machine. 1,472,034; Oct. 30.
Asselin, James H., San Francisco, Calif. Tongue switch and mate for railways. 1,452,019; Apr. 17.
Asserson, Henry R., New York, N. Y. Concrete pile and the like. 1,469,611; Oct. 2.
Assistant Secretary of Agriculture of the United States of America. (See Reed, Jesse O., assignor.)
Assistant Secretary of Agriculture of the United States of America. (See Rogers, Lore A., assignor.)
Assistant Secretary of Agriculture of United States of America. (See Scheffer, T. H., and Couch, assignors.)
Assner, Samuel L. (See Whitaker, James, assignor.)
Associated Engineers Co. (See Gillespie, Edward S., assignor.)
Associated Equipment Company Limited, The. (See Edwards, Charles K., assignor.)
Associated Equipment Company, Limited. (See Edwards, C. K., and Batty, assignors.)
Associated Silver Company. (See Lasher, Thomas B., assignor.)
Assorati, Antenor, Paris, France. Press stud. 1,465,571; Aug. 21.
Aste, Anthony L., Brooklyn, N. Y. Device for use in shining shoes. 1,471,816; Oct. 23.
Astley, James F., Camden, N. J. Wrench. 1,470,421; Oct. 9.
Aston, Frank B., Elgin, Ill. Casket handle. Des. 62,358; May 15.
Aston, James, assignor to A. M. Byers Company, Pittsburgh, Pa. Manufacture of wrought iron. 1,469,373; Oct. 2.
Aston, James, assignor to A. M. Byers Company, Pittsburgh, Pa. Making wrought iron. 1,469,374; Oct. 2.
Astorloid Manufacturing Co. (See Greenwald, Isidor, assignor.)
Astrom, Carl P., East Orange, N. J., assignor to M. H. Treadwell Company. Metal structure and securing parts. 1,440,576; Jan. 2.
Astrom, Carl P., East Orange, N. J., assignor to McKneat Manufacturing Company. Oil burner. 1,458,378; June 12.
Astrom, John I., assignor to Fort Wayne Engineering & Manufacturing Co., Fort Wayne, Ind. Deep-well-pump head. 1,449,028; Mar. 20.
Aszklar, Edward J., Plantsville, Conn. Clam opener. 1,465,799; Aug. 21.
Atack, Frederick W., Charleston, W. Va. Purifying anthraquinone and its derivatives. 1,461,745; July 17.
Atack, Frederick W., Manchester, England, and C. W. Soutar, St. Andrews, Scotland. Intermediates and dyestuffs of the anthraquinone series. 1,452,774; Apr. 24.
Ateliers H. Cuenod, Societe Anonyme. (See Juillard, Ernest, assignor.)
Athenas, Harry, New York, N. Y. Portable electric combination drill. 1,475,153; Nov. 20.
Atherton, Charles N., and A. L. Salter, Wichita, Kans. Crank pin and shaft truing tool. 1,473,804; Nov. 13.
Atherton, Faxon D., jr., San Francisco, Calif. Copying device. 1,470,134; Oct. 9.
Atherton, George W., Livermore, Ky. Convertible drying kiln and crib. 1,477,682; Dec. 18.
Atherton, Reginald I., North Finchley, England. Apparatus for exhibiting pictures. 1,447,403; Mar. 6.
Athey, Isaac H., assignor, by mesne assignments, to Athey Truss Wheel Co., Chicago, Ill. Traction mechanism. 1,458,962; June 19.
Athey Truss Wheel Co. (See Athey, Isaac H., assignor.)

Athletic Health Chair Company. (See Lauer, William E., assignor.)
Atkins, Charles H., Palmer, assignor to Phoenix Sprinkler Company, Springfield, Mass. Thermostatic valve. 1,452,723; Apr. 24.
Atkins, Cora P., West Hartford, Conn. Parcel carrier. 1,471,817; Oct. 23.
Atkins, Davis C., Lexington, Ky. Miniature football game. 1,467,912; Sept. 11.
Atkins, Eugene M., Philadelphia, Pa. Billiard cue. 1,440,953; Jan. 2.
Atkins, Frank J., Davenport, Iowa. Oil burner. 1,452,020; Apr. 17.
Atkins, Harry C., assignor of one-half to R. J. Owens, Great Falls, Mont. Cue tip. 1,444,093; Feb. 6.
Atkins, James B., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Rim structure. Re. 15,533; Jan. 30.
Atkins, Joseph B., assignor to Atkins Safety Automatic Gate Company, South Bend, Ind. Railway gate. 1,448,478; Mar. 13.
Atkins Safety Automatic Gate Company. (See Atkins, Joseph, B., assignor.)
Atkinson, Charles E., Pine Lawn, assignor to E. E. Souther Iron Company, Wellston P. O., St. Louis County, Mo. Apparatus for crushing corrugated metal. 1,462,474; July 24.
Atkinson, Charles E., Pine Lawn, assignor to E. E. Souther Iron Company, Wellston P. O., St. Louis County, Mo. Crushing corrugated metal. 1,462,475; July 24.
Atkinson, Charles L., Cynthiana, Ky. Distributor for gas engines. 1,447,745; Mar. 6.
Atkinson, Christopher C., Hawkinsville, Ga. Railway-crossing signal. 1,471,877; Oct. 23.
Atkinson, Dale S., and J. McKenzie, Toronto, Ontario, Canada. Combined internal-combustion and turbine engine. 1,456,479; May 22.
Atkinson, Frederick C., Indianapolis, Ind. Preserving cottonseed. 1,455,016; May 15.
Atkinson, Frederick C., Indianapolis, Ind. Purifying acid liquor. 1,457,484; June 5.
Atkinson, Frederick C., Indianapolis, Ind. Corncob cellulose and preparation. 1,472,318; Oct. 30.
Atkinson, Frederick C., assignor to American Hominy Company, Indianapolis, Ind. Soap. 1,455,015; May 15.
Atkinson, George C., Georgetown, Tex. Resilient wheel. 1,458,020; June 5.
Atkinson, George T. (See Ross, M. J., and Atkinson.)
Atkinson, George W., Samuels, Idaho. Process and means for plucking poultry. 1,474,702; Nov. 20.
Atkinson, Le Roy E., assignor of thirty one-hundredths to F. J. Gurvine, San Jose, Calif. Parachute for aerial vessels. 1,465,835; Aug. 21.
Atkinson, Lloyd S., Las Vegas, Nev. Railway-signaling-equipment receptacle. 1,478,540; Dec. 25.
Atkinson, Norman E., Vancouver, British Columbia, Canada. Finger ring. 1,473,717; Nov. 13.
Atkinson, Thomas M., Cambridge, Mass., assignor to The Royston Paper Company, Milltown, N. J. Apparatus for and method of producing colored nature papers. 1,475,923; Nov. 27.
Atkinson, Truman L., assignor to Ludington Novelty Manufacturing Company, Ludington, Mich. Embroidery needle. 1,464,897; Aug. 14.
Atkinson, Willard S., Ashland, N. J., assignor to Atlantic Elevator Company, Philadelphia, Pa. Elevator control mechanism. 1,446,631; Feb. 27.
Atkinson, Willard S., Ashland, N. J., assignor to Atlantic Elevator Company, Philadelphia, Pa. Elevator buffer. 1,473,692; Nov. 13.
Atlantic Elevator Company. (See Atkinson, Willard S., assignor.)
Atlantic Refining Company, The. (See Johansen, Ernest M., assignor.)
Atlantic Refining Company, The. (See Lewis, Joseph W., assignor.)
Atlantic Refining Company, The. (See Nichols, Howard M., assignor.)
Atlantic Refining Company, The. (See Van Dyke, John W., assignor.)
Atlantic Tubing Company. (See Halliwell, William R., assignor.)
Atlas Axle Company. (See Whittingham, Richard A., assignor.)
Atlas Devices Company. (See Dinspel, William H., assignor.)
Atlas Devices Company, Inc. (See Gippert, Ernest R., assignor.)
Atlas Devices Company, Incorporated. (See Dinsfel, W. H., and Weigele, assignors.)
Atlas Engineering Company. (See Schmid, William P., assignor.)
Atlas Imperial Engine Company. (See Lorimer, John W., assignor.)
Atlas Imperial Engine Company. (See Olin, August, assignor.)
Atlas Imperial Engine Company. (See Warenskjold, Axel, assignor.)
Atlas Imperial Engine Company. (See Warenskjold, A., and Lorimer, assignors.)
Atlas Machine Works, Inc. (See Metzger, Harry C., assignor.)
Atlas Oil Burner Company. (See Mahan, George H., assignor.)
Atlas Powder Company. (See Carey, Claude H., assignor.)
Atlas Powder Company. (See Cook, Russell M., assignor.)
Atlas Powder Company. (See Grotta, Bennett, assignor.)
Atlas Powder Company. (See Hazeltine, Walter E., assignor.)
Atlas Powder Company. (See Long, Ralph A., assignor.)
Atlas Powder Company. (See Mitscherling, Waldemar O., assignor.)
Atlas Powder Company. (See Strane, Archibald J., assignor.)
Atlas Press Company. (See Collins, James G., assignor.)
Atlas Products Co. Inc. (See Whitman, W. C., and Goodridge, assignors.)
Atteberry, Alvin R., Springfield, Ill. Downdraft furnace. 1,477,927; Dec. 18.
Atterbury, Grosvenor, New York, N. Y. Cementitious sleeper or the like. 1,465,539; Aug. 21.
Attractive Publicity, Limited. (See Parkinson, Richard H., assignor.)
Attwater, Richard. (See Byrom, James G., assignor.)
Atwater, David, Westfield, Mass. Union suit. 1,475,560; Nov. 27.
Atwater Kent Manufacturing Company. (See Aiken, Frank, assignor.)
Atwater Kent Manufacturing Company. (See Evans, William A., assignor.)
Atwater Kent Manufacturing Company. (See Kingsford, Russell T., assignor.)
Atwell, Arthur G., Newport, R. I. Automatic stop for sound-reproducing machines. 1,445,814; Feb. 20.
Atwell, Frederick W., Lake Villa, Ill. Life-saving apparatus. 1,476,387; Dec. 4.
Atwell, Robert L., Charlotte, N. C. Traffic signal for vehicles. Re. 15,530; Jan. 23.
Atwood, Clarence B., Chicago, Ill. Burglar alarm. 1,456,209; May 22.
Atwood, Edwin W. (See Copeman, Lloyd G., assignor.)
Atwood, Ernest O., assignor, by mesne assignments, of one-half to Atwood Gas Saver Company, and one-half to J. W. Mehargue, Boise, Idaho. Internal-combustion engine. 1,465,154; Aug. 14.
Atwood, Eugene, assignor to Atwood Machine Company, Stonington, Conn. Spindle-driving mechanism. 1,443,335; Jan. 30.
Atwood, Eugene, assignor to Atwood Machine Company, Stonginton, Conn. Swift. 1,443,336; Jan. 30.
Atwood, Eugene, assignor to Atwood Machine Company, Stonington, Conn. Driving mechanism for spindles. 1,443,337; Jan. 30.
Atwood, Eugene assignor to Atwood Machine Company, Stonington, Conn. Spinning and twisting spindle. 1,443,452; Jan. 30.
Atwood, Francis C., Newton, assignor to Kalmus, Comstock & Wescott, Inc., Boston, Mass. Cannula and clamp. 1,452,863; Apr. 24.
Atwood, Francis C., Newton, assignor, by mesne assignments, to American Protein Corporation, Boston, Mass. Clamp. 1,472,380; Oct. 30.
Atwood Gas Saver Company et al. (See Atwood, Ernest O., assignor.)
Atwood, Harry N., Smithfield, N. C., assignor to Rubwood, Inc., Lawrence, Mass. Motor-cycle-wheel structure. 1,442,242; Jan. 16.
Atwood, Harry N., Smithfield, N. C., assignor to Rubwood, Inc., Lawrence, Mass. Vehicle wheel. 1,458,379; June 12.
Atwood, Harry N., Smithfield, N. C., assignor to Rubwood, Inc., Lawrence, Mass. Vehicle wheel. 1,458,380; June 12.
Atwood, Harry N., Smithfield, N. C., assignor to Rubwood, Inc., Lawrence, Mass. Pulley. 1,466,869; Sept. 4.
Atwood, Harry N., Boston, assignor to Rubwood, Inc., Lawrence, Mass. Producing vehicle wheels. 1,477,025; Dec. 11.
Atwood, Harry N., and G. B. Bains, 3d, Reading, Pa., assignors to Rubwood, Inc., Lawrence, Mass. Composite laminated structure. 1,448,180; Mar. 13.
Atwood, Leonard, Boston, Mass. Variable tractor wheel. 1,450,626; Apr. 3.
Atwood, Leonard, Boston, Mass. Internal-combustion engine. 1,471,321; Oct. 23.
Atwood Machine Company. (See Atwood, Eugene, assignor.)
Atwood Machine Company. (See Cowan, Charles H., jr., assignor.)
Atwood Machine Company. (See Cushman, J. E., and Stanton, assignors.)
Atwood, Walter H., Walden, N. Y. Tie presser. 1,450,831; Apr. 3.
Au-Miller, Cleve M., assignor of one-half to W. E. Shaffer, Mifflinburg, Pa. Vehicle elevator. 1,448,250; Mar. 13.
Aubé, Jean, Paris, France. Pulverizing apparatus. 1,467,913; Sept. 11.
Auble Die and Stamping Company. (See Auble, James H., and J. L., assignors.)
Auble, James H. and J. L., assignors to The Auble Die and Stamping Company, Cincinnati, Ohio. Method and apparatus for forming sheet-metal articles. 1,453,652; May 1.

Auble, James H. and J. L., assignors of two-ninths to N. Hirschberg and one-ninth to A. L. Weinstein, Cincinnati, Ohio. Press for forming sheet-metal forms. 1,443,408; Jan. 30.

Auble, James L. (See Auble, James H. and J. L.)

Auburn Rubber Co. (See Murray, Albert L., assignor.)

Auchincloss, William K., New York, N. Y., assignor to American Car and Foundry Company, St. Louis, Mo. Tank car. 1,452,487; Apr. 24.

Auchstetter, William. (See Bright, Albert E., assignor.)

Auclair, Joseph E., Stamford, Conn. Portable dog. 1,442,991; Jan. 23.

Audianne, Paul, assignor to Etablissents Kuhlmann, Paris, France. Apparatus for the manufacture of sulphuric anhydride. 1,450,661; Apr. 3.

Audiffren Refrigerating Machine Co. (See Karr, A. D., and Perkins, assignors.)

Audiphone Company of America. (See Reynolds, Egbert A. and D. A., assignors.)

Auerbach, Zemach, New York, N. Y. Foldable card. 1,457,135; May 29.

Auerbach, Zemach, New York, N. Y. Filing rack. 1,457,136; May 29.

Auñero, Michael A., Brooklyn, N. Y. Parking lamp. Des. 62,932; Aug. 28.

Augensen, August M., Grand Junction, Colo. Can-cap-seaming apparatus for varnish cans, etc. 1,460,398; July 3.

August, Edward E., Chicago, Ill. Rail joint. 1,477,990; Dec. 18

August, Johannes R. C., Halifax, England. Rivet or the like heating furnace. 1,475,218; Nov. 27.

Augustine, Addison E., Hackensack, N. J., assignor to Chester Machine Co. Inc., New York, N. Y. Bodily removable creasing and folding box mechanism for envelope-making machines. 1,445,815; Feb. 20.

Augustine, Addison E., Hackensack, N. J., assignor to Chester Machine Co., Inc., New York, N. Y. Elevator-control mechanism for envelope-making machines. 1,456,665; May 29.

Augustine, Addison E., Hackensack, N. J., assignor to Chester Machine Co. Inc., New York, N. Y. Removable drying-chain mechanism for envelope-making machines. 1,461,746; July 17.

Augustine, Addison E., Hackensack, N. J., assignor to Chester Machine Co. Inc., New York, N. Y. Feeler and counter mechanism for envelope-making machines. 1,464,306; Aug. 7.

Augustine, Addison E., Hackensack, N. J., assignor to Chester Machine Co., Inc., New York, N. Y. End-flap-folding mechanism for envelope-making machines. 1,473,693; Nov. 13.

Augustine, Benjamin F., assignor to Augustine Automatic Rotary Engine Company, Buffalo, N. Y. Rotary two-cycle superinduction engine. 1,442,596; Jan. 16.

Augustine Rotary Engine Company. (See Augustine, Benjamin F., assignor.)

Augustine, Roy W., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system. 1,440,365; Jan. 2.

Augustynowski, Mike. (See Koprowicz, Jan, assignor.)

Auld, Frederick H., Columbus, Ohio. Massaging device. 1,452,106; Apr. 17.

Auletta, Alfred, assignor of one-third to P. Paris, Bayonne, N. J. Shuttle-operating mechanism. 1,460,637; July 3.

Aultman, Riley J., Ovid, Mich. Tractor. 1,458,963; June 19.

Aumiller, Jacob, Mifflinburg, Pa. Pipe-lifting implement. 1,469,911; Oct. 9.

Aumiller, Sebastian J., New York, N. Y. Paper envelope. 1,448,104; Mar. 13.

Aupperle, James A. (See Beck, W. J., and Aupperle.)

Aurora Steel Products Company. (See Fohn, Adolph E., assignor.)

Ausbourne, Merritt W., Wisconsin Rapids, Wis. Self-locking hinge. 1,440,713; Jan. 2.

Auster, Arthur C., assignor to Auster Limited, Birmingham, England. Windshield hinge. 1,466,781; Sept. 4.

Auster Limited. (See Auster, Arthur C., assignor.)

Auster, Louis and M., New York, N. Y. Bathing cap. 1,465,706; Aug. 21.

Auster, Marie. (See Auster, Louis and M.)

Austin, Albert L., Cleveland, Ohio. Resilient noninflatable tire. 1,441,654; Jan. 9.

Austin, Arthur O., Barberton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Joint for articles of ceramic and similar materials and producing same. 1,456,960; May 29.

Austin, Arthur O., Barberton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Connecting joint. 1,477,800; Dec. 18.

Austin, Bascum O., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Resistor. 1,475,735; Nov. 27.

Austin, Charles L., jr., Brooklyn, N. Y. Internal-combustion engine. 1,469,031; Sept. 25.

Austin, Earle R., Breckenridge, Tex. Oil-saving stack for gas-flowing wells. 1,459,461; June 19.

Austin, Edward, Schenectady, N. Y., assignor to General Electric Company. Modulator. 1,449,878; Mar. 27.

Austin, F. C. (See Stahl, C. E., and Bentson, assignors.)

Austin, F. C., Machinery Company. (See Anderson, Vincent G., assignor.)

Austin, F. C., Machinery Company. (See Bentson, Hans J., assignor.)

Austin, F. C. Machinery Company. (See French, James C., assignor.)

Austin, F. C., Machinery Company. (See Loken, Truls, assignor.)

Austin, F. C., Machinery Company. (See Olsen, Halften E., assignor.)

Austin, F. C., Machinery Company. (See Russell, Leslie A., assignor.)

Austin, F. C., Machinery Company. (See Stahl, Charles E., assignor.)

Austin, F. C., Machinery Company. (See Woodin, Norman C., assignor.)

Austin, Frank H. (See Robertson, Robert, assignor.)

Austin, Harold E., Louisville, Ky., and J. C. Cook, Jeffersonville, Ind., assignors to American Creosoting Company, Louisville, Ky. Running gear for wheeled vehicles. 1,462,255; July 17.

Austin, Harold E., Louisville, Ky., and J. C. Cook, Jeffersonville, Ind., assignors to American Creosoting Company, Louisville, Ky. Platform for timber-preserving cylinders. 1,477,414; Dec. 11.

Austin, Henry F., New Orleans, La. Feeder for fountain pens. 1,451,314; Apr. 10.

Austin, John H., Albuquerque, N. Mex. Nut cracker, sheller, and separator. 1,459,609; June 19.

Austin, John S., administrator. (See Austin, Willis E.)

Austin, John T., assignor to The Austin Organ Company, Hartford, Conn. Combination organ stop action. 1,456,612; May 29.

Austin Machinery Company. (See Seidler, Alexander, assignor.)

Austin Manufacturing Co. (See Liddell, Moses V., assignor.)

Austin Organ Company, The. (See Austin, John T., assignor.)

Austin, Robert, Baltimore, Md. Identification clip for phonograph records. 1,471,716; Oct. 23.

Austin, Willis E., deceased, Minneapolis, Minn.; J. S. Austin, administrator. Pneumatic action for musical instruments. 1,454,259; May 8.

Austrian, Ralph B., assignor to Union Radio Corporation, New York, N. Y. Rheostat. 1,454,030; May 8.

Authier, Joseph O., assignor of one-half to H. B. Hungerford, Montreal, Quebec, Canada. Valve lock. 1,444,899; Feb. 13.

Authier, Leopold, Rosemont, Quebec, Canada. Cabinet for talking machines or the like. 1,464,593; Aug. 14.

Auto Betterment Corporation. (See Hartwell, Albert E., assignor.)

Auto-Bronk Inc. (See Rohan, James J., assignor.)

Auto Devices and Development Company, The. (See Rasmussen, Harry T., assignor.)

Auto Kontrol Lock Corporation. (See Liebmann, Alfred, assignor.)

Auto-Maid Manufacturing Company, The. (See Barringer, Worth R., assignor.)

Auto Mail Distributer, Inc., The. (See Briggs, Arthur J., assignor.)

Auto Mail Distributor, Inc., The, et al. (See Wittum, George F., assignor.)

Auto Pneumatic Action Company. (See Danquard, Thomas, assignor.)

Auto Specialties Manufacturing Company. (See Duffy, Thomas I., assignor.)

Auto Spring Control Company. (See Kettle, A. W., and Thayer, assignors.)

Auto Vacuum Freezer Company. (See White, Norman H., assignor.)

Auto-Wheel Coaster Company. (See Baumler, Charles A., assignor.)

Autocraft Corporation. (See Hinsdale, George G., assignor.)

Autokal Syndicate Limited. (See Russell-Clarke, Edward, assignor.)

Automac Company, The. (See Mackey, Albert G., assignor.)

Automat Molding and Folding Company, The. (See Beam, Frank E., assignor.)

Automatic Advertising Company. (See Frederick, Mabel, assignor.)

Automatic Appliance Company. (See Mapel, Lewis A., assignor.)

Automatic Company. (See Richardson, Rodney G., assignor.)

Automatic Electric Brake Company. (See Farmer, Robert Z., assignor.)

Automatic Electric Company. (See Andersen, Albert, assignor.)

Automatic Electric Company. (See Baer, Fred L., assignr.)

Automatic Electric Company. (See Blessing, John G., assignor.)

Automatic Electric Company. (See Fahrenfeld, Frederick W., assignor.)

Automatic Electric Company. (See Fales, Edward D., assignor.)

Automatic Electric Company. (See Homrighous, John H., assignor.)

Automatic Electric Company. (See Keith, Alexander E., assignor.)
Automatic Electric Company. (See Korthäuer, Theodor, assignor.)
Automatic Electric Company. (See Lomax, Clarence E., assignor.)
Automatic Electric Company. (See Martin, Talbot G., assignor.)
Automatic Electric Company. (See Martin, T. G., and Willis, assignors.)
Automatic Electric Company. (See Nelson, Martin L., assignor.)
Automatic Electric Company. (See Newforth, Frank, jr., assignor.)
Automatic Electric Company. (See Owen, William W., assignor.)
Automatic Electric Company. (See Powell, Winfred T., assignor.)
Automatic Electric Company. (See Ray, A. J., and Chapin, assignors.)
Automatic Electric Company. (See Ray, A. J., and Obergfell, assignors.)
Automatic Electric Company. (See Richardson, Rodney G., assignor.)
Automatic Electric Company. (See Setter, Micheal, assignor.)
Automatic Electric Company. (See Smith, Arthur B., assignor.)
Automatic Electric Company. (See Wicks, John, assignor.)
Automatic Electric Company. (See Willis, Bernard D., assignor.)
Automatic Electric Heater Company. (See Clark, Warren F., assignor.)
Automatic Electric Shoe Polishing Machine Company, The. (See Harris, Clifford A., assignor.)
Automatic Furnace Oxidator and Manufacturing Company, The. (See Miller, J. J. A., and Weigele, assignors.)
Automatic-Inserting Machine Corporation. (See Penney, H. D., Whiteman, and Russ, assignors.)
Automatic Machinery Company. (See Hallock, G. H., Frederick, and Purcell, assignors.)
Automatic Machinery Company. (See Purcell, Benjamin H., assignor.)
Automatic Packing & Labeling Company. (See Gwinn, George W., assignor.)
Automatic Railway Mail Exchange Company. (See Hupp, Albert, assignor.)
Automatic Recording Safe Company, The. (See Fisher, Charles, assignor.)
Automatic Refrigerating Company, The. (See Lundgaard, Ivar, assignor.)
Automatic Refrigerating Company, The. (See Marshall, Henry H., assignor.)
Automatic Safety Car Step Company. (See Blake, Fred D., assignor.)
Automatic Straight Air Brake Company. (See Neal, Spencer G., assignor.)
Automatic Telephone Manufacturing Company. (See Hudd, Alfred E., assignor.)
Automobile Clock Company. (See Hemmarlund, Lloyd A., assignor.)
Automobile Valves Co., The. (See Burtnett, Everett R., assignor.)
Automotive Accessories, Inc. (See Hubbard, Burtt J., assignor.)
Automotive Gas Producer Corporation. (See Smith, David J., assignor.)
Automotive Radiator Machine Company. (See Schulz, Clyde E., assignor.)
Automotive Supply Company, Inc. (See Suekert, Harold C., assignor.)
Automotive Valves Co., The. (See Burtnett, Everett R., assignor.)
Autopoint Manufacturing Company. (See Keeran, Charles R., assignor.)
Autopoint Manufacturing Company. (See Roach, Jesse E., assignor.)
Autoquip Mfg. Co. (See Wirth, Carl, assignor.)
Autosales Corporation. (See Brandt, John, assignor.)
Autosales Corporation. (See Coseglia, Anthony, assignor.)
Autosales Corporation. (See Grover, Albert D., assignor.)
Autosales Corporation. (See Grover, A. D., and Barber, assignors.)
Autosales Corporation. (See Wittenberg, Alexander, assignor.)
Autowhirl Corporation. (See Lancaster, S. C., and Hjermstad, assignors.)
Autrey, Herbert S. (See Balazs, R. J., and Autrey.)
Avenson, Lorenzo M., St. Paul, and J. L. Hagie, Minneapolis, Minn. Label for poisonous containers. 1,464,347; Aug. 7.
Avera, Arch U., Florence, Ala. Tractor. 1,457,647; June 5.
Averill, Elias M., Sparta, Mich. Folding crate. 1,447,055; Feb. 27.
Averill, William H., Boston, assignor of one-half to A. C. Erisman, Brookline, Mass. Fountain pen. 1,472,576; Oct. 30.
Avery, Arch E., Michigantown, Ind. Fishing reel. 1,459,567; June 19.
Avery, B. F., and Sons. (See Techmer, Fred W. A., assignor.)
Avery, Clyde H., Boston, Mass. Singletree. 1,447,404; Mar. 6.
Avery Company. (See Bartholomew, John B., assignor.)
Avery, Emmett C., Hutchinson, Kans. Saw rig. 1,473,536; Nov. 6.
Avery, George A., and F. Bamblett, Detroit, Mich. Cleaning scale from metals. 1,442,243; Jan. 16.
Avery, Henry W., Cleveland, Ohio. Pipe thread protector. 1,461,595; July 10.
Avery, Irving F., assignor to Jacob Press Sons, Chicago, Ill. End-gate construction. 1,446,083; Feb. 20.
Avery, Roger L., Chicago, Ill. School furniture. 1,443,942; Feb. 6.
Avery, Thomas L., Phoenix, Ariz. Subgrader attachment. 1,447,503; Mar. 6.
Avery, Thomas L., Phoenix, Ariz. Scarifier attachment for subgraders. 1,447,504; Mar. 6.
Avery, True M., Glens Falls, N. Y. Lifting jack. 1,441,961; Jan. 9.
Avery, True M., assignor to Arrow Grip Manufacturing Co., Inc., Glens Falls, N. Y. Hook fastener. 1,451,315; Apr. 10.
Avery, True M., assignor to Arrow-Grip Manufacturing Co., Inc., Glens Falls, N. Y. Antiskid attachment for wheels. 1,468,097; Sept. 18.
Avery, William C., Honolulu, Hawaii. Paper-feeding apparatus for typewriters. 1,443,698; Jan. 30.
Avery, W. & T., Limited. (See Gilbert, Arthur S., assignor.)
Avey, George S., Cincinnati, Ohio. Automobile top stay strap. 1,457,685; June 5.
Avon Sole Company. (See Cary, William H., assignor.)
Avvocato, Joseph, Brooklyn, N. Y. Spoons, knives, forks, or similar articles of tableware. Des. 62,359; May 15.
Awalt, George A., Minneapolis, Minn. Adjustable storm-window holder. 1,473,416; Nov. 6.
Axelman, Harry W. (See Axelman, Mayer and H. W.)
Axelman, Mayer and H. W., Chicago, Ill. Spring bracing means for bags, etc. 1,443,112; Jan. 23.
Axelman, Mayer and H. W., Chicago, Ill. Suitcase, bag, or similar article. Des. 63,168; Oct. 30.
Axelson, Charles F., Los Angeles, Calif., assignor to Axelson Machine Co. Swing-jaw chuck. 1,455,017; May 15.
Axelson Machine Co. (See Axelson, Charles F., assignor.)
Axford and De Shields. (See Cawthron, George, assignor.)
Axilrod, Meyer, assignor to Axilrod Power Transmission Company, Philadelphia, Pa. Friction-drive controlling mechanism. 1,471,717; Oct. 23.
Axilrod Power Transmission Company. (See Axilrod, Meyer, assignor.)
Axiotes, Anthony A., Newport, R. I. Lobster trap. 1,455,381; May 15.
Axle Lock Corporation. (See Siegel, Ernest, assignor.)
Axt, George J., Nutley, N. J. Attachment for hemmers. 1,466,574; Aug. 28.
Axtell, Jay M., Fort Worth, Tex. Self-lubricating pitman rod. 1,471,818; Oct. 23.
Ayars, Charles H., assignor to Ayars Machine Company, Salem, N. J. Can-filling machine. 1,459,492; June 19.
Ayars, Charles H., assignor to Ayars Machine Company, Salem, N. J. Can-filling machine. 1,468,253; Sept. 18.
Ayars, Charles H., assignor to Ayars Machine Company, Salem, N. J. Can-filling machine. 1,468,254; Sept. 18.
Ayars, Charles H., assignor to Ayars Machine Company, Salem, N. J. Can-filling machine. 1,475,675; Nov. 27.
Ayars, Charles H., assignor to Ayars Machine Company, Salem, N. J. Can-filling machine. 1,476,278; Dec. 4.
Ayars Machine Company. (See Ayars, Charles H., assignor.)
Aydelotte, William M., New York, N. Y. Filing device. 1,467,294; Sept. 11.
Ayers, Augustine R. (See Lofgren, J., and Ayers.)
Ayers, Augustine R., and R. S. Miller, Cleveland, Ohio. Railway-freight-car door. 1,475,917; Nov. 27.
Ayers, Dee, and H. D. Fossett, Mount Vernon, Mo. Animal poke. 1,450,237; Apr. 3.
Ayers, Dee, and H. D. Fossett, Mount Vernon, Mo. Churn. 1,450,238; Apr. 3.
Ayers, Eugene M. (See Tucker, J. R., and Ayers.)
Ayers, Lorenz K., St. Louis, Mo. Bleaching barytes. 1,458,461; June 12.
Ayers, Norman, New Straitsville, Ohio. Lever mechanism. 1,455,421; May 15.
Aygarn, Christopher L., assignor, by mesne assignments, to M. G. Aygarn, Morris, Ill. Vehicle dump. 1,442,847; Jan. 23.
Aygarn, M. G. (See Aygarn, Christopher L., assignor.)
Aylward, D. E., et al. (See Barnstable, Edward S., assignor.)
Aymar, Gordon C., assignor to Danya, Inc., New York, N. Y. Jar. Des. 63,117; Oct. 9.
Aymar, John W., jr., New York, N. Y. Resilient heel. 1,476,436; Dec. 4.
Ayres, Charles S., Riverton, N. J., assignor to Chas. S. Ayres, Inc., Camden, N. J. Foldable hand bag. 1,474,879; Nov. 20.
Ayres, Chas. S., Inc. (See Ayres, Charles S., assignor.)
Ayres, Elwood B. (See Schwartz, W. M., and Ayres.)

Ayres, Elwood B., assignor to The Philadelphia Textile Machinery Company, Philadelphia, Pa. Skin-drying boards. 1,450,782; Apr. 3.
Ayres, Elwood B., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Apparatus for drying skins, etc. 1,464,348; Aug. 7.
Ayres, Elwood B., assignor to Proctor & Schwartz, Inc., Philadelphia, Pa. Drier. 1,472,741; Oct. 30.
Ayres, Eugene E., jr., Chester, assignor to The Sharples Specialty Company, Philadelphia, Pa. Resolving emulsions. 1,454,616; May 8.
Ayres, Eugene E., jr., Chester, assignor to The Sharples Specialty Company, Philadelphia, Pa. Prevention of the formation of emulsions. 1,454,617; May 8.
Ayres, Eugene E., jr., Chester, assignor to The Sharples Specialty Company, Philadelphia, Pa. Producing stable emulsions of edible oils. 1,467,081; Sept. 4.
Ayres, Hiram D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for stretching textile material. 1,468,351; Sept. 18.
Ayres, John E. (See Spiker, T. A., and Ayres.)
Ayres, Webb W., assignor of three-eighths to R. W. White and two-eighths to A. A. Merry, Rochester, N. Y. Method and apparatus for illumination. 1,457,485; June 5.
Ayres, William C., Pontiac, Mich. Miter box. 1,465,800; Aug. 21.
Azcona, Alberto, Magdalena, Mexico. Combined ruler and blotter. 1,460,935; July 3.

B. and B. Manufacturing Company. (See Balthasar, Harry G., assignor.)
B-B Manufacturing and Drilling Company. (See Mathews, Samuel J., assignor.)
B. G. Tertilwerke G. m. b. H. (See Trenckmann, Erich and B., assignors.)
B. & J. Manufacturing Company, The. (See Jackson, George E., assignor.)
B. O. T. Mfg. Co. (See Florey, Tilghman J., assignor.)
Babb, Charles S., Chicago, Ill., assignor to The Barber Asphalt Company, Philadelphia, Pa. Melting kettle. 1,466,637; Aug. 28.
Babbitt, Charles E., South Portland, assignor to Hamlin Rocking Grate Co., Portland, Me. Rocking and dumping grate. 1,457,416; June 5.
Babbitt, Earl H., Edgewater, Colo. Medicinal compound for cows. 1,470,795; Oct. 16.
Babbitt, Isaac N. (See Smith, Frederick G., assignor.)
Babbitt, Jesse J., Elkhart, Ind. Saxophone and clarinet mouthpiece. 1,467,524; Sept. 11.
Babbitt, Ralph M., Kalamazoo, Mich. Antislip device for motor-vehicle wheels. 1,476,353; Dec. 4.
Babcock, Basil P., assignor to Sprague Canning Machinery Company, Chicago, Ill. Measuring device for can-filling machines. 1,444,052; Feb. 6.
Babcock, Everett P. (See Sonnekes, Frederick J., assignor.)
Babcock, Florain D., Iowa Falls, Iowa. Nonwrecker. 1,446,820; Feb. 27.
Babcock, Henry W., Bloomington, Ill. Comb. 1,451,562; Apr. 10.
Babcock, Lawrence R., Kelly, N. Mex. Railway tie. 1,445,739; Feb. 20.
Babcock, Leland A., assignor to Sprague Canning Machinery Company, Chicago, Ill. Finishing machine. 1,454,031; May 8.
Babcock, Leland A., assignor to Sprague Canning Machinery Company, Chicago, Ill. Apparatus for processing pumpkin and like material. 1,457,417; June 5.
Babcock, Leland A., assignor to Sprague Canning Machinery Company, Chicago, Ill. Fruit-disintegrating machine. 1,458,315; June 12.
Babcock, Linn B., St. Louis, Mo. Angle meter. 1,444,444; Feb. 6.
Babcock, Wilbert L., assignor to The Waterbury Brass Goods Corporation, Waterbury, Conn. Cover plate for plug receptacles. 1,467,261; Sept. 4.
Babcock & Wilcox Company, The. (See Harter, Isaac, assignor.)
Babcock & Wilcox Company, The. (See Jacobus, David S., assignor.)
Babcock & Wilcox Company, The. (See Jacobus, Davis S., assignor.)
Babcock & Wilcox Company, The. (See Kupa, Emil, assignor.)
Babcock & Wilcox Company, The. (See Pratt, Arthur D., assignor.)
Babcock & Wilcox Company, The. (See Sargent, Frederick, assignor.)
Babcock & Wilcox Company. (See Whittam, Benjamin B., assignor.)
Babcock & Wilcox Company, The. (See Witz, Henri E., assignor.)
Babcock & Wilcox Company. See Witz, Henry, assignor.)
Babel, Henry C., Buffalo, N. Y. Inner tube for tires. 1,440,860; Jan. 2.
Babel, Henry C., Buffalo, N. Y. Handle for automobile battery boxes. 1,442,115; Jan. 16.
Babel, Raymond. (See Vareaux, P., and Babel.)
Babemdreer, Albert, Biloxi, Miss. Apparatus for the manufacture of oyster liquor. 1,444,094; Feb. 6.
Babeuf, Louis P., Gravelbourg, Saskatchewan, Canada. Snap and buckle. 1,475,420; Nov. 27.
Babiarz, John, New Salem, Pa. Cashier protector. 1,462,781; July 24.
Babic, Steven. (See Pochila, Franz, assignor.)
Babies Dispensary & Hospital of Cleveland, The. (See Gerstenberger, Henry J., assignor.)
Babka, Joseph J., Berwyn, Ill. Vibrating screen. 1,448,181; Mar. 13.
Babos, Lacey, assignor to American Liquid Meter Company, Portland, Oreg. Fractional counter. 1,453,538; May 1.
Bac-Lite Corporation, The. (See Ellithorpe, Gilbert S., assignor.)
Bacallao y Villar, Vicente. (See Llompart y Valdés, M., and Bacallao y Villar.)
Baccellieri, Raffaele, Philadelphia, Pa. Fruit crusher. 1,463,238; July 31.
Bach, Neils P., Millburn, N. J., assignor to Perfect Vacuum Canning Company, New York, N. Y. Method of and apparatus for sealing containers. 1,475,469; Nov. 27.
Bacharach, Herman, Pittsburgh, Pa., assignor to Bacharach Industrial Instrument Company. Protecting hood or casing. 1,445,060; Feb. 13.
Bacharach, Herman, Pittsburgh, Pa., assignor to Bacharach Industrial Instrument Company. Pressure gauge. 1,468,854; Sept. 25.
Bacharach Industrial Instrument Company. (See Bacharach, Herman, assignor.)
Bache-Wiig, Bertha M., executrix. (See Bache-Wiig; Carl.)
Bache-Wiig, Carl, deceased, Portland, Me.; M. Bache-Wiig, executrix. Preparing pulp. 1,455,471; May 15.
Bachert, Adam. (See Newhard, Monte W., assignor.)
Bachhofer, Paul. (See Appinger, F., and Bachhofer.)
Bachle, Andrew, Detroit, Mich. Vehicle window. 1,456,961; May 29.
Bachler, Christian F., Philadelphia, Pa. Steam and water boiler. 1,463,455; July 31.
Bächli, Ernst, Lauffohr, near Brugg, Switzerland. Braiding machine. 1,475,981; Dec. 4.
Bachman, Harry L., assignor to The Weinman Pump Manufacturing Co., Columbus, Ohio. Steam-heating system. 1,470,796; Oct. 16.
Bachman, Hugo J., Denver, Colo. Poppet valve. 1,467,414; Sept. 11.
Bachman, Joseph E. and R. A., Bethlehem, Pa. Chain link. 1,453,088; Apr. 24.
Bachman, Ray A. (See Bachman, Joseph E. and R. A.)
Bachman, Roy G., Chicago, Ill. Waterproof building material. 1,466,462; Aug. 28.
Bachman, Rudolph W., assignor to U. S. Slicing Machine Company, Laporte, Ind. Sharpener for slicing machines. 1,461,105; July 10.
Bachmann Bros. (See Morris, Francis A., assignor.)
Bachofen, Theodor, West Hoboken, N. J. Knife for pile-fabric looms. 1,443,670; Jan. 30.
Bachofen, Theodor, West Hoboken, N. J. Rotary cutter for pile-fabric looms. 1,443,671; Jan. 30.
Bachofen, Theodor, West Hoboken, N. J. Pile-cutter knife. 1,463,239; July 31.
Backer, Christian B., Bergen, Norway. Producing a protective coating on objects of magnesium or magnesium alloys. 1,451,755; Apr. 17.
Backhaus, Arthur A., Baltimore, Md., assignor to U. S. Industrial Alcohol Co. Producing high-grade esters. 1,454,462; May 8.
Backhaus, Arthur A., Baltimore, Md., assignor to U. S. Industrial Alcohol Co. Esterification. 1,454,463; May 8.
Backhaus, Arthur A., Baltimore, Md., assignor to U. S. Industrial Alcohol Co. Liquid fuel for motors. 1,474,135; Nov. 13.
Bachrik, Joseph, Smithdale, Pa. Railway tie plate and anticreeper. 1,443,699; Jan. 30.
Backscheider, Nicholas A., Clifton, Ky. Ignition timer. 1,469,243; Oct. 2.
Backstay Machine & Leather Company, The. (See Schemmel, Robert C., assignor.)
Backus, Hubert V., assignor to L. A. Young Industries, Inc., Detroit, Mich. Wire-straightening machine. 1,475,736; Nov. 27.
Bacon, Allan H., St. Louis, Mo. Lock. 1,446,632; Feb. 27.
Bacon, Allan H., St. Louis, Mo. Cuff button. 1,458,164; June 12.
Bacon Bros. Co., The. (See Bacon, Charles F., assignor.)
Bacon, Charles F., assignor to The Bacon Bros. Co., Toledo, Ohio. Rug manufacture. 1,452,776; Apr. 24.
Bacon, Charles J. (See Kraft, F. G., and Bacon.)
Bacon, Charles V., Mahwah, N. J. Recovering iron oxide and other products from spent iron sludge. 1,455,060; May 15.
Bacon, Chester A., assignor to Bowen Products Corporation, Auburn, N. Y. Lubricating device. 1,452,775; Apr. 24.
Bacon, Frank W., Los Angeles, Calif. Mileage chart. 1,477,801; Dec. 18.
Bacon, Frederic W. (See McCloskey, Alfred C., assignor.)
Bacon, Frederick J. (See Winship, E. O., and Bacon.)
Bacon, Raymond F., New York, C. H. Kidwell, New Brighton, N. Y., and P. H. Bascom, Boundbrook, N. J., assignors, by mesne assignments, to Van Heusen Products, Inc. Fabric-treating machine. 1,469,765; Oct. 9.

Bacon, William M., assignor to E. S. Kyle, Chicago, Ill. Printing machine. 1,447,333; Mar. 6.
Bacon, William M., assignor to E. S. Kyle, Chicago, Ill. Printing machine. 1,447,334; Mar. 6.
Badcock, Fred, assignor of one-half to R. W. H. Kane, London, England. Implement for truing crank pins and effecting like operations. 1,468,952; Sept. 25.
Baddiley, James, J. B. Payman, and H. Wignall, assignors to British Dyestuffs Corporation, Limited, Manchester, England. Manufacture of orthosulphonic acids of aromatic amines. 1,441,655; Jan. 9.
Baddiley, James, J. B. Payman, and E. G. Bainbridge, assignors to British Dyestuffs Corporation Limited, Manchester, England. Manufacture of 1.4 naphthol sulphonic acid. 1,452,481; Apr. 17.
Badenhausen, John P. (See Osbourn, Millard P., assignor.)
Bader, Marcel, and C. Sunder, Alsatia, France, assignors of one-half to Durand & Huguenin, S. A., Basel, Switzerland. Products for dyeing and printing textile materials and in general for pigmentation of various substrata and the manufacture of the same. 1,448,251; Mar. 13.
Badge, Francis J. (See Keller, J. F., and Badge.)
Badger Manufacturing Corporation. (See Hathaway, C. H., and Starck, assignors.)
Badger Rubber Works, The. (See Githens, Herbert A., assignor.)
Badger Rubber Works, The. (See Pratt, Benjamin H., assignor.)
Badische Anilin & Soda Fabrik. (See Bosch, C., Dehnel, and Kircher, assignors.)
Badische Anilin & Soda-Fabrik. (See Gaus, W., Meiser, and Eberhardt, assignors.)
Badische Anilin- & Soda-Fabrik. (See Kačer, Filip, assignor.)
Badische Anilin & Soda Fabrik. (See Kunz, Max A., assignor.)
Badische Anilin & Soda Fabrik. (See Luttringhaus, A., and Blangey, assignors.)
Bado, Santino, Mount Vernon, N. Y. Pipe protector. 1,457,295; June 5.
Badois, Louis, Paris, France. Clutch. 1,444,361; Feb. 6.
Badois, Louis, Paris, France. Fountain pen. 1,457,765; June 5.
Badowski, Alfred, Charleston, W. Va. Pressure gauge for pneumatic tires. 1,471,323; Oct. 23.
Badowski, Alfred, Charleston, W. Va., assignor, by mesne assignments, to Tiregage Valve Corporation, Charleston, W. Va. Pressure gauge for tires. 1,471,322; Oct. 23.
Badowski, Alfred, Charleston, W. Va., assignor to Tirometer Valve Corporation of America, Charleston, W. Va. Tire-stem pressure gauge. 1,471,324; Oct. 23.
Badowski, Alfred, Charleston, W. Va., assignor to Tirometer Valve Corporation of America, Charleston, W. Va. Tire-stem pressure gauge. 1,471,325; Oct. 23.
Badsky, Raymond E., Wichita, Kans. Variable-speed transmission mechanism for air compressors. 1,446,284; Feb. 20.
Baechle, Nicholas W., Cincinnati, Ohio. Coaster brake. 1,464,465; Aug. 7.
Baeder, Gustav A., Chicago, Ill. Condiment holder. 1,463,543; July 31.
Baehr, George, Pittsburgh, Pa. Mill for rolling shapes. 1,448,371; Mar. 13.
Baehr, George, Pittsburgh, Pa. Finishing roll. 1,458,381; June 12.
Baehr, George, Coraopolis, Pa. Deformed bar. 1,460,040; June 26.
Baehr, George, Coraopolis, Pa. Feed-control device for die rolls. 1,469,575; Oct. 2.
Baehr, George, Coraopolis, Pa. Mill for rolling shapes. 1,474,880; Nov. 20.
Baehr, Gustave, Paris, France. Collapsible hood or roof of vehicles. 1,463,030; July 24.
Baekeland, Leo H., Yonkers, assignor, by mesne assignments, to Bakelite Corporation, New York, N. Y. Potentially reactive composition and making same. 1,442,420; Jan. 16.
Baer, Carl A., Philadelphia, Pa. Combined power and transmission unit. 1,472,624; Oct. 30.
Baer, Carl J., Riverside, Ill. Boat. 1,445,467; Feb. 13.
Baer, Carl J., Riverside, Ill. Boat-propelling means. 1,451,563; Apr. 10.
Baer, Carl J., St. Louis, Mo. Boat-propelling means. 1,452,059; Apr. 17.
Baer, David H. (See Galpin, G., and Baer.)
Baer, Fred L., Berwyn, assignor to Automatic Electric Company, Chicago, Ill. Interoffice trunk circuits for telephone systems. 1,463,934; Aug. 7.
Baer, John, Toronto, Ontario, Canada. Elevator lock. 1,458,871; June 12.
Baer, Maurice J., assignor to The Baer & Wilde Company, Attleboro, Mass. Snap button. 1,455,281; May 15.
Baer, Richard, New York, N. Y. Combination lock. 1,472,577; Oct. 30.
Baer, Walter C., Toledo, Ohio. Lamp bracket. 1,452,138; Apr. 17.
Baer & Wilde Company, The. (See Baer, Maurice J., assignor.)
Baewskin, Abraham, Chicago, Ill. Welding or soldering composition. 1,472,781; Nov. 6.
Bager, Savante R. W. M. (See Ferris W., and Bager.)
Bager, Svante R. W. M., assignor to Bucyrus Company, South Milwaukee, Wis. Fair lead for drag-line excavators. 1,445,468; Feb. 13.
Bager, Svante R. W. M., South Milwaukee, O. F. Kaeser, Milwaukee, and W. Lehman, assignors to Bucyrus Company, South Milwaukee, Wis. Creeping-traction mounting for railway-type excavators. 1,448,372; Mar. 13.
Bager, Svante R. W. M., W. Lehman, and F. C. Ruhloff, assignors to Bucyrus Company, South Milwaukee, Wis. Excavator front-end construction. 1,454,032; May 8.
Bagg, Harry W., New Berlin, N. Y. Device for preventing cows from lying down. 1,447,505; Mar. 6.
Bagg, Hollis B., Watertown, assignor to Scovill Manufacturing Company, Waterbury, Conn. Scale. 1,472,037; Oct. 30.
Bagge, Gustaf F., New York, N. Y. Electric-display-controlling mechanism. 1,478,691; Dec. 25.
Baginley, John A., Hoquiam, Wash. Doorbell. 1,461,019; July 10.
Bagley, Joseph C., Beloit, Ala. Combined shovel, torch, and match holder. 1,451,195; Apr. 10.
Bagshaw, W. H., Co. (See Stevens, Royal A., assignor.)
Bahl, Errold G., Lincoln, Nebr. Elevator control. 1,460,091; June 26.
Bahls, Otto, assignor to O. B. Electric Vehicles, Inc., Long Island City, N. Y. Reversing and control switch. 1,450,572; Apr. 3.
Bahmann Iron Works Company, The. (See Cite, Joseph D., assignor.)
Bahnsen, John T., Dodge Center, Minn. Lawn mower. 1,441,720; Jan. 9.
Bahr, August T. J., Detroit, Mich., assignor of one-half to C. B. Kline, Dormont, Pa. Lug ring. 1,451,804; Apr. 17.
Bahr, August T. J., Murphysboro, Ill., assignor of one-fourth to R. A. Hatfield, one-fourth to J. J. Gallagher, three-eighths to F. Heiberg, and one-eighth to C. Franks, St. Louis, Mo. Three-way faucet. 1,469,612; Oct. 2.
Bahr, Joseph C., St. Louis, Mo. Pocket lock for garments. 1,451,196; Apr. 10.
Bahr, William E., Washington, D. C. Adjustable flue cleaner for heat radiators. 1,448,048; Mar. 13.
Bahrs, John. (See Hubbard, E., and Bahrs.)
Bail, Emil A., Lausa, near Dresden, Germany, assignor to Waldes & Co. Inc., New York, N. Y. Snap fastener. 1,449,080; Mar. 20.
Bailey, Albert E., Nashua, N. H. Conveyer system. 1,461,106; July 10.
Bailey, Allie E., Chicago, Ill. Garment. 1,440,954; Jan. 2.
Bailey, Amos, Ottumwa, Iowa. Beet topper. 1,467,415; Sept. 11.
Bailey, Anna D., New York, N. Y. Adjustable dress form. 1,447,372; Mar. 6.
Bailey, Banks & Biddle Company, The. (See Meell, George A., assignor.)
Bailey, Charles F., Lawton, England. Tunnel oven or kiln for firing pottery and other ware. 1,465,572; Aug. 21.
Bailey, Charles F., Lawton, England. Kiln for firing pottery and other ware. 1,465,573; Aug. 21.
Bailey, Charles H., assignor to Fuller & Warren Co., Troy, N. Y. Combination coal and gas range. 1,475,775; Nov. 27.
Bailey, Charles W., Philadelphia, Pa. Ring. Des. 62,975; Sept. 4.
Bailey, Chester I., Greenwood, Mo., assignor to L. H. Oberreich, Indianapolis, Ind. Shock absorber. 1,474,810; Nov. 20.
Bailey, Claude B., Wyandotte, assignor to McCord Manufacturing Company, Detroit, Mich. Gasket. 1,442,421; Jan. 16.
Bailey, E. G. (See Castle, W. E., and Hansard, assignors.)
Bailey, Edwin W., Lawley, Ala. Backband hook. 1,444,762; Feb. 6.
Bailey, Ellen, Detroit, Mich. Butter container. 1,445,816; Feb. 20.
Bailey, Emmett L., assignor of one-half to R. L. Bailey, Williamson, W. Va. Rotary car dump. 1,465,661; Aug. 21.
Bailey, Enoch M., Albion, Ill. Intermittent electric-light flasher. 1,441,902; Jan. 9.
Bailey, Ethel M., Yreka, Calif. Suture box. 1,459,943; June 26.
Bailey, George, jr., Martel, Ohio. Atomizing gasket for internal-combustion engines. 1,449,256; Mar. 20.
Bailey, George A., Manning, Iowa. Animal poke. 1,469,492; Oct. 2.
Bailey, Halsted, Pittsfield, Mass., assignor to General Electric Company. Electrical apparatus. 1,444,445; Feb. 6.
Bailey, Hubert, New York, N. Y. Coupling. 1,473,537; Nov. 6.
Bailey, Hugh R., Carver, Mass. Cranberry separator. 1,448,479; Mar. 13.
Bailey, James F., Columbia, S. C. Wrench. 1,447,831; Mar. 6.
Bailey, James F., Columbia, S. C. Wrench. 1,447,832; Mar. 6.

Alphabetical list of patentees—Continued.

Bailey, James F., Columbia, S. C. Cotton tramper or packer. 1,743,455; Nov. 6.
Bailey, James G., Delavan, assignor to Rotary Spreader, Mason City, Ill. Manure spreader. 1,452,139; Apr. 17.
Bailey, John M., Pittsburgh, Pa. Spectacles. 1,471,996; Oct. 23.
Bailey, Joseph K., assignor to Bayco Decoy Company, Inc., New Orleans, La. Decoy duck. 1,469,613; Oct. 2.
Bailey, Joseph O., Atlanta, Ga. Riveting machine. 1,450,198; Apr. 3.
Bailey, Laurel L., assignor of one-half to R. G. Hall, Terre Haute, Ind. Wrench. 1,477,928; Dec. 18.
Bailey, Percy T., Middletown, R. I. Fencepost attachment. 1,460,936; July 3.
Bailey, Rand S., Montclair, N. J., assignor to American Telephone and Telegraph Company. Telephone-exchange system. 1,470,611; Oct. 16.
Bailey, Rand S., Montclair, N. J., assignor to American Telephone and Telegraph Company. Machine-switching telephone-exchange system. 1,478,419; Dec. 25.
Bailey, Robert L. (See Bailey, Emmett L., assignor.)
Bailey, Sylvester H., Superior, Wis. Container. 1,475,776; Nov. 27.
Bailey, Theodore A., Orlando, Fla. Dentifrice and floss container. 1,466,982; Sept. 4.
Bailey, Tillman, Nashville, Tenn. Composition for polishes. 1,473,947; Nov. 13.
Bailey, Walter C., Long Beach, assignor to Regan Forge & Engineering Company, Los Angeles, Calif. Casing and tubing hook. 1,457,648; June 5.
Bailey, Walter W., Vancouver, British Columbia, Canada. Producing staples. 1,443,828; Jan. 30.
Bailey, Willis F., Decatur, Ill. Coffeepot. 1,449,966; Mar. 27.
Bailhe, George, Fort Wayne, Ind. Throttle-control apparatus for motor vehicles. 1,473,754; Nov. 13.
Bailhe, George, Fort Wayne, Ind. Combined brake and throttle pedal. 1,473,984; Nov. 13.
Bailie, William R., Mesa, Wash. Head yoke. 1,472,541; Oct. 30.
Bailie, William R., Mesa, Wash. Calf weaner. 1,472,542; Oct. 30.
Baille-Barrelle, André H., Paris, France. Manufacture
Baillot, Georges, Embourg, near Liege, Belgium. Four-cylinder compound locomotive. 1,471,677; Oct. 23.
Bailly, Emile W., Haverhill, Mass. Wood-heel-turning machine. 1,472,625; Oct. 30.
of coke for metallurgical uses. 1,458,964; June 19.
Bailly, Louis, assignor to The Ohio Municipal Equipment Company, Columbus, Ohio. Vacuum cleaner. 1,459,968; June 26.
Bailly, Marcel, Paris, France. Reenforced soap. 1,478,882; Dec. 25.
Baily, Franklin L., Los Angeles, Calif. Ventilated hand protector for guns. 1,451,137; Apr. 10.
Bain, Charles W., Indianapolis, Ind. Pneumatic-tire protector. 1,460,781; July 3.
Bain, Joseph G., Pittsburgh, and L. M. Stempel, Dormont, assignors to Lewis Foundry & Machine Company, Pittsburgh, Pa. Bridling apparatus. 1,474,755; Nov. 20.
Bain, Joseph S., Cedar Rapids, Iowa. Seed-corn drier. 1,456,295; May 22.
Bain, William J., Barnsdall, Okla. Automobile jack foot. 1,474,428; Nov. 20.
Bainbridge, Empson H. (See Jerabek, C., and Bainbridge.)
Bainbridge, Ernest G. (See Baddiley, J., Payman, and Bainbridge.)
Baine, James C., assignor to Excelsior Cycle Company, Michigan City, Ind. Bicycle frame. Des. 62,351; May 15.
Baines, Joseph, et al. (See Prosser, William J., assignor.)
Baines, Joseph E., Pittsburgh, and J. P. Bosle, Mount Oliver, assignors to National Tube Company, Pittsburgh, Pa. Roller chuck. 1,446,538; Feb. 27.
Bains, George B., 3d. (See Atwood, H. N., and Bains.)
Bair, Leigh J., New York, N. Y. Timer. 1,446,371; Feb. 20.
Baird, Cassius M. C., Chicago, Ill. Hose construction. 1,453,823; May 1.
Baird Company, The. (See Baird, Frank C. and W. S., assignors.)
Baird-Daniels Co. et al. (See Popper, Joseph, assignor.)
Baird-Daniels Company Incorporated, et al. (See Popper, Joseph, assignor.)
Baird, Dudley, Berkeley, Calif., assignor to General Chemical Company, New York, N. Y. Rabbling arm for roasting furnaces. 1,460,658; July 3.
Baird, Frank C., Champaign, and W. S. Baird, Decatur, assignors to The Baird Company, Champaign, Ill. Locking differential. 1,447,116; Feb. 27.
Baird, Frank T., Blue Island, Ill. Charging rack. 1,454,033; May 8.
Baird, Melville B., deceased, Kansas City, Mo.; A. H. Steele, administrator, assignor to J. C. W. Bland, Tulsa, Okla. Vending machine. 1,444,863; Feb. 13.
Baird, Melville B., deceased, and G. A. Walls, Kansas City, Mo.; A. H. Steele, administrator; said administrator and said Walls assignors to J. C. W. Bland, Tulsa, Okla. Vending machine. 1,460,123; June 26.
Baird, Parker K., Spokane, Wash. Fourdrinier machine. 1,442,848; Jan. 23.
Baird, William S. (See Baird, Frank C. and W. S.)
Baird, William S., Decatur, Ill. Snapping mechanism for corn-harvesting machines. 1,466,870; Sept. 4.
Baird, William S., Elmhurst, N. Y., assignor to American Car and Foundry Company, St. Louis, Mo. Clasp-brake rigging. 1,470,343; Oct. 9.
Baisden, Charles H., Logan, W. Va. Grab pick. 1,478,198; Dec. 18.
Baisden, Edward J., New York, N. Y. Pump. 1,469,140; Sept. 25.
Baisi, Joseph, assignor of one-half to A. Melli, New York, N. Y. Drive and coaster brake construction. 1,471,538; Oct. 23.
Baisley, Charles T., North Edgecomb, Me., assignor to Manhattan Electrical Supply Co. Inc., New York, N. Y. Telephone receiver. 1,452,334; Apr. 17.
Baitinger, John M., St. Paul, Minn. Feeding people. 1,442,211; Jan. 16.
Baits, Stuart G. (See Fekete, S. I., and Baits.)
Baits, Stuart G. (See Whisler, R. H., and Baits.)
Baity, George W. (See Sullivan, D. M., and Baity.)
Baitz, George F., Philadelphia, Pa. Combination display and vending device. 1,462,024; July 17.
Bake Ice Machine Company. (See Hoeschen, Henry A., assignor.)
Bakelite Corporation. (See Baekeland, Leo H., assignor.)
Bakels, William C., Midland Park, N. J. Tool for removing from or applying differential gears to their axles. 1,463,031; July 24.
Baker, A. T., & Company. (See Sohn, John W., assignor.)
Baker, Andrew S., Gilroy, Calif. Toy horse. 1,457,205; May 29.
Baker, Arthur F., Oakland, Calif., assignor to The Perfecto Gear Differential Co., Seattle, Wash. Driving mechanism for motor cars. Re15,711; Oct. 30.
Baker, Arthur R., assignor, by mesne assignments, to C. G. McCutchen, Indianapolis, Ind. Mounting for magneto igniters. 1,446,442; Feb. 27.
Baker Brothers. (See Hallenbeck, George E., assignor.)
Baker, Carey W., assignor to Packard Electric Company, Limited, St. Catharines, Ontario, Canada. Temperature-indicating device. 1,463,189; July 31.
Baker Casing Shoe Company. (See Baker, Reuben C., assignor.)
Baker, Charles C., assignor of one-half to J. J. Smith, Pittsburgh, Pa. Attachment for partial plates or removable bridges. 1,473,661; Nov. 13.
Baker, Charles E., assignor to The Universal Pattern & Model Company, Hartford, Conn. Child's vehicle. Des. 62,769; July 31.
Baker, Charles I., Glenshaw, Pa. Storage water-heating system. 1,441,201; Jan. 9.
Baker, Charles I., Orland, Calif. Portable shelter. 1,473,074; Nov. 6.
Baker, Charles R., Evanston, Ill. Automobile jacking device. 1,445,928; Feb. 20.
Baker & Company. (See Maeulen, F., and Van Allen, assignors.)
Baker, Coston S., Chicago, Ill. Spare-tire container. 1,456,962; May 29.
Baker, David S., Greenwich, Conn. Drying apparatus. 1,465,071; Aug. 14.
Baker, Dexter C., assignor to Baker-Hansen Manufacturing Company, Oakland, Calif. Air compressor. 1,456,089; May 22.
Baker, Fenner B., assignor, by mesne assignments, to Superior Hand Embroiderer Corporation, New York, N. Y. Embroidery needle. 1,452,544; Apr. 24.
Baker, Floyd, Cicero, assignor to Sears, Roebuck & Co., Chicago, Ill. Ironing table. 1,410,252; Oct. 9.
Baker, Frank E. (See Cave, Walter T., assignor.)
Baker, George, Swinton, England. Tire and hoop rolling mill. 1,442,636; Jan. 16.
Baker, George W., Jeannette, Pa., assignor to Northwestern Expanded Metal Company, Chicago, Ill. Machine for making ribbed expanded metal. 1,443,555; Jan. 30.
Baker, George W., jr., Brooklyn, N. Y. Slipper. Des. 61,758; Jan. 9.
Baker, Gilbert L., Oakdale, Calif. Lock for automobiles. 1,477,026; Dec. 11.
Baker, Guy O., Atlantic, Iowa. Unloading device. 1,452,021; Apr. 17.
Baker-Hansen Manufacturing Company. (See Baker, Dexter C., assignor.)
Baker, Harry G., Worcester, Mass. Loop attachment for suspenders. 1,441,476; Jan. 9.
Baker Ice Machine Company. (See Hoeschen, Henry A., assignor.)
Baker Iron Works. (See De Camp, Roy L., assignor.)
Baker, J. M., et al. (See Bloodgood, James H., assignor.)
Baker, James B., deceased, New York, N. Y.; M. L. Baker and Guaranty Trust Company of New York, executors. Picture-hanging attachment. 1,442,036; Jan. 16.
Baker, James F., assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Plait distributor. 1,446,147; Feb. 20.
Baker, James L. (See Wright, F. J., and Baker.)
Baker, James W., Santa Cruz, Calif. Pie or cake cutter and gauge. 1,442,679; Jan. 16.
Baker, John A., Westport, Conn. Leaching and apparatus therefor. 1,447,637; Mar. 6.
Baker, John C., Nutley, N. J. Bleaching paper pulp. 1,468,693; Sept. 25.

Baker, John F. L., assignor to The Wickes Boiler Company, Saginaw, Mich. Making boiler headers. 1,468,692; Sept. 25.
Baker, John H., York, Pa. Tobacco cutting and separating machine. 1,471,936; Oct. 23.
Baker, John R. (See Neal, George D., assignor.)
Baker, Joseph, & Sons, Limited. (See Prescott, William E., assignor.)
Baker, Joseph, Sons and Perkins Company. (See Head, Ronald, assignor.)
Baker, Joseph, Sons & Perkins Limited. (See Thlee, Frederick C., assignor.)
Baker, Joseph, Sons & Perkins Limited, Messrs. (See Smith, Harold, assignor.)
Baker, Linnaeus E., assignor to Wayne Oil Tank and Pump Company, Fort Wayne, Ind. Displacement element for liquid containers. 1,457,811; June 5.
Baker, Linnaeus E., assignor to Wayne Tank & Pump Company, Fort Wayne, Ind. Stop mechanism. 1,471,995; Oct. 23.
Baker, Littleton S., Pasadena, Calif. Ant poison. 1,450,128; Mar. 27.
Baker, Louis E., assignor of one-fourth to A. J. Martin, one-fourth to J. H. Brock, and one-fourth to A. E. Harroun, Blum, Tex. Insect and worm catcher. 1,450,538; Apr. 3.
Baker, M. Lindsay, et al., executors. (See Baker, James B.)
Baker, Murray & Imbrie, Inc. (See Disch, Frank, assignor.)
Baker, N. L., Manufacturing Company. (See Baker, Norman L., assignor.)
Baker, Newton D., Secretary of War, trustee. (See Uphoff, Leslie S., assignor.)
Baker, Norman G., Muscatine, Iowa. Whistle. 1,449,211; Mar. 20.
Baker, Norman G., Muscatine, Iowa. Holder for photographic paper. 1,452,996; Apr. 24.
Baker, Norman L., assignor to N. L. Baker Manufacturing Company, Philadelphia, Pa. Gas-stove burner. 1,444,770; Feb. 13.
Baker, Olaf. (See Scribner, E. W., and Baker.)
Baker, Percy W., London, England. Thermally-actuated electric switch. 1,445,657; Feb. 20.
Baker-Perkins Manufacturing Corporation. (See Eggert, Gustav B., assignor.)
Baker, Ralph H., Attleboro, assignor to V. H. Blackinton & Co., Attleboro Falls, Mass. Chain. 1,442,637; Jan. 16.
Baker, Reuben C., Coalinga, assignor to Baker Casing Shoe Company, Los Angeles, Calif. Pitman end. 1,475,531; Nov. 27.
Baker, Roy A. (See Maxwell, Myrtle, assignor.)
Baker, Roy J. (See Raymond, Harry B., and Baker.)
Baker Rubber Cement Co. (See Currier, Andrew E., assignor.)
Baker, Stanley H., Manchester, England. Lamp shade. 1,477,991; Dec. 18.
Baker, Stephen D., New York, N. Y. Combination soap and toothbrush holder. Des. 63,549; Dec. 18.
Baker, Thomas W. (See Magee, Frederick W., assignor.)
Baker, Thomas W., Lewiston, Idaho. Floor or wall ground. 1,470,797; Oct. 16.
Baker, Walter R. G., Schenectady, N. Y., assignor to General Electric Company. Electrical apparatus. 1,445,929; Feb. 20.
Baker, Walter R. G., Schenectady, N. Y., assignor to General Electric Company. High-frequency signaling system. 1,449,722; Mar. 27.
Baker, Walter R. G., Schenectady, N. Y., assignor to General Electric Company. High-frequency signaling system. 1,455,099; May 15.
Baker, Walter R. G., Schenectady, N. Y., assignor to General Electric Company. Signal-transmitting system. 1,475,164; Nov. 27.
Baker, Webster E. B., York, Pa. Ribbon for typewriting and similar machines. 1,445,469; Feb. 13.
Baker, Wedworth V., Detroit, Mich. Toy building element. 1,446,868; Feb. 27.
Baker, William A., assignor of one-third to F. A. Ramler, Toledo, Ohio. Telethermometer. 1,444,771; Feb. 13.
Baker, William E., Erie, Pa. Antifriction bearing. 1,446,633; Feb. 27.
Baker, William E., assignor to Wonder Trap Co. Inc., Waco, Tex. Animal trap. 1,472,423; Oct. 30.
Baker, William H., Newton, Kans. Calendar. 1,452,407; Apr. 17.
Baker, William H., Montreal, Quebec, Canada. Fusible link. 1,456,686; May 29.
Baker, William H., Montreal, Quebec, Canada. Sprinkler. 1,474,061; Nov. 13.
Bakke, Reier A., Redtop, Minn. Flytrap. 1,473,538; Nov. 6.
Bakken, Andrew H., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Refillable fuse. 1,440,433; Jan. 2.
Bakken, Andrew H., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Tank-lifting truck. 1,440,434; Jan. 2.
Bakken, Ole K., Northwood, N. Dak. Station selector. 1,452,903; Apr. 24.
Bakken, Tollef O., Bode, Iowa. Oil can. 1,459,871; June 26.
Balaziuk, Michael, Revloc, Pa. Combination tool. 1,441,903; Jan. 9.
Balazs, Rudolph J. and H. S. Autrey, Cleveland, Ohio, assignors to Houston Pneumatic Puncture Proof Wheel Company, Houston, Tex. Cushioned vehicle wheel. 1,453,614; May 1.
Balcerwicz, Julius G., assignor of one-half to K. H. Reynier, Grand Rapids, Mich. Interlocking chain links. 1,464,919; Aug. 14.
Balch, Alfred T., assignor to H. F. Crawford Manufacturing Company, Brockton, Mass. Shank stiffener for shoe soles. 1,468,855; Sept. 25.
Balch, Alfred T., assignor to H. F. Crawford Manufacturing Company, Brockton, Mass. Shank stiffener for shoe soles. 1,468,856; Sept. 25.
Balch, Alfred T., Brockton, and C. A. Wright, Whitman, assignors to L. M. Jackson, Brockton, Mass. Power press. 1,464,963; Aug. 14.
Balch, Samuel W., Montclair, N. J. Combined sidereal and mean solar timepiece. 1,459,710; June 26.
Balcke, Walter H., Winchester, assignor to National Company, Cambridge, Mass. Dancing toy figure. 1,451,805; Apr. 17.
Balcker, Marten, assignor to J. Nelson, Chicago, Ill. Rotary compressor. 1,451,859; Apr. 17.
Balcker, Martin, Chicago, Ill., assignor of one-fourth to R. W. Glasner and three-fourths to Marquette Tool and Manufacturing Company, Chicago, Ill. Variable-speed transmission. 1,443,782; Jan. 30.
Balcom, Alexander F., Worcester, Mass. Baseball game. 1,447,335; Mar. 6.
Balcom, Charles A. (See Reynolds, Joy S., assignor.)
Balcom, Clarence G., Noroton Heights, Conn. Pin inserter and remover for Ford valves. 1,467,914; Sept. 11.
Balcom, Frederick J., Binghamton, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon heels. 1,464,555; Aug. 14.
Balcom, Raymond A., Akron, Ohio. Heating apparatus. 1,452,864; Apr. 24.
Baldock, G. R., & Co. Limited. (See Harrison, George W., assignor.)
Baldridge, Albert S. (See Dixon, S., and Baldridge.)
Baldridge, Charles W. (See McFarland, Harvey P., assignor.)
Baldridge, Joseph E., Avalon, Pa. Dental tool holder. 1,451,806. Apr. 17.
Baldt Anchor & Chain Company. (See Powell, Norris D., assignor.)
Baldwin, Clarence D. (See Elderton, R., and Baldwin.)
Baldwin Company, The. (See Tower, Herschel E., assignor.)
Baldwin, Edward C., Boston, Mass. Stand for paper drinking cups. 1,467,082; Sept. 4.
Baldwin, Elnora E., Rand, Colo. Hair curler. 1,454,718; May 8.
Baldwin, Frederic E., Philadelphia, Pa. Carburetor. 1,452,488; Apr. 24.
Baldwin, Frederic E., Philadelphia, Pa. Closure for fruit and other wide-mouthed jars. 1,457,418; June 5.
Baldwin, Frederick M., Los Angeles, Calif. Three-way safety auto signal. 1,458,316; June 12.
Baldwin, Frederick W., Baddeck, Nova Scotia, Canada. Target. 1,444,491; Feb. 6.
Baldwin, Harry A., South Greensburg, Pa. Apparatus for assembling bricks and units for building purposes. 1,440,366; Jan. 2.
Baldwin, James V., et al. (See Van Hise, Lester E., assignor.)
Baldwin, John L., Washington, D. C. Scaffold. 1,462,439; July 17.
Baldwin, Joseph A., Baltimore, Md. Portable metallic building. 1,468,100; Sept. 18.
Baldwin Locomotive Works, The. (See Abbe, George C., assignor.)
Baldwin Locomotive Works, The. (See Bleibtreu, Hermann, assignor.)
Baldwin Locomotive Works, The. (See Farquhar, Henry S., assignor.)
Baldwin Locomotive Works, The. (See Sykes, J. P., and Stover, assignors.)
Baldwin, Loul H., Oklahoma, Okla. Expansive underreamer. 1,470,316; Oct. 9.
Baldwin, Louis W., Jersey City, N. J. Pneumatic tire. 1,474,429; Nov. 20.
Baldwin, Morton S., assignor to Detroit Forging Company, Detroit, Mich. Vehicle top. 1,477,623; Dec. 18.
Baldwin, Robert L., Canon City, Colo. Combined paper cutter and letter opener. 1,463,786; Aug. 7.
Baldwin, Robert L., Canon City, Colo. Animal trap. 1,463,787; Aug. 7.
Baldwin, Tuthill & Bolton. (See Tuthill, Victor M., assignor.)
Baldwin, William H., Middletown, Conn. Tractor lawn mower. 1,451,807; Apr. 17.
Baldwin, William H., and C. T. Plummer, Duluth, Minn. Snare drum. 1,446,327; Feb. 20.
Bale, Horace, Springfield, Ill. Handle-attaching means. 1,445,470; Feb. 13.
Bales, Edward R., Centralia, Ill. Lubricating device. 1,463,661; July 31.
Bales, Ivan. (See Pearce, O., and Bales.)

Alphabetical list of patentees—Continued.

Balhorn, Hans. (See Herz, R., and Balhorn.)
Balison, Paul A., and I. G. Stateropoulos, Grantwood, N. J. Container closure and pouring spout. 1,447,117; Feb. 27.
Balke, Clarence W., Highland Park, assignor to Fansteel Products Company, Inc., North Chicago, Ill. Method and apparatus relating to the production of metals. 1,464,862; Aug. 14.
Balke, Paul, and G. Leysieffer, Troisdorf, Germany. Record for gramophones and the like. 1,456,047; May 22.
Balke, Paul, and G. Leysieffer, Troisdorf, near Cologne, Germany. Producing vulcanite-like plastic materials. 1,468,222; Sept. 18.
Balkwill, Stephen, Cleveland, Ohio. Railway crossing. 1,440,955; Jan. 2.
Balkwill, Stephen, Cleveland, Ohio. Railway rail connection. 1,443,722; Jan. 30.
Ball, Albert P., Royal Oak, and F. Zenker, Highland Park, assignors to Square D Company, Detroit, Mich. Electrical switch. 1,453,696; May 1.
Ball, Charles M., jr., Loveland, Colo. Coupling for electric-light fixtures. 1,453,233; Apr. 24.
Ball Engine Company. (See Armstrong, Edwin J., assignor.)
Ball, Frederic J., Brooklyn, N. Y. Mixer. 1,471,643; Oct. 23.
Ball, Frederick L., Maidstone, England. Bearing. 1,449,488; Mar. 27.
Ball, George E., Bridgeport, Conn., assignor to Gorham Manufacturing Company of Providence, Providence, R. I. Sandwich plate, tray, platter, or similar article. Des. 61,990; Feb. 27.
Ball, Guy M., Spokane, Wash. Intake manifold for internal-combustion engines. 1,454,596; May 8.
Ball, H. A. (See Salter, Horace E., assignor.)
Ball, James R. and W. H., Chicago, Ill.; said W. H. Ball assignor to said James R. Ball. Creasing device for trousers. 1,474,993; Nov. 20.
Ball, John P., Chicago, Ill. Aeroplane gun mounting. 1,451,197; Apr. 10.
Ball, John P., Chicago, Ill. Starting device for treating liquids. 1,452,335; Apr. 17.
Ball, John P., Chicago, Ill. Apparatus for and method of treating sewage. 1,456,046; May 22.
Ball, John R. (See Rogers, Homer S., assignor.)
Ball, Joseph A. (See Comstock, D. F., and Ball.)
Ball, Louise C., New York, N. Y. Floss holder for dental use. 1,442,380; Jan. 16.
Ball, Pearl V., and R. H. Waller, Nashville, Tenn. Automatic ignition plug. 1,466,943; Sept. 4.
Ball and Socket Manufacturing Company, The. (See Goddard, Charles A., assignor.)
Ball, William H. (See Ball, James R. and W. H.)
Ballak, John F., St. Louis, Mo. Clutch control. 1,476,578; Dec. 4.
Ballantine, Norman S. (See Lamb, William A., assignor.)
Ballantine, William B., London, England. Workable metal article. 1,460,049; June 26.
Ballard, Albert M., Yale, Okla., assignor to Sun Oil Company, Philadelphia, Pa. Oil and gas separator. 1,471,088; Oct. 16.
Ballard, Harrie A., assignor to General Shoe Machinery Company, Boston, Mass. Shoe-tree. 1,467,915; Sept. 11.
Ballard, Harrie A., assignor to General Shoe Machinery Company, Boston, Mass. Shoe-tree. 1,469,171; Sept. 25.
Ballard, Herbert T., Norristown, Pa. Knitted fabric. Des. 61,868; Feb. 6.
Ballard, Herbert T., Norristown, Pa. Fabric. Des. 62,051; Mar. 13.
Ballard, Herbert T., Norristown, Pa. Knitted rib fabric. Des. 62,976; Sept. 4.
Ballard, Herbert T., Norristown, Pa. Knitting machine. 1,470,677; Oct. 16.
Ballard, Herbert T., Norristown, Pa. Knitting-machine head. 1,470,678; Oct. 16.
Ballard, Milton, H., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Cutting and punching. 1,441,202; Jan. 9.
Ballard, Milton H., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Press. 1,467,297; Sept. 11.
Ballard, Milton H., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Clutch. 1,475,926; Dec. 4.
Ballard, Milton H., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Press. 1,476,680; Dec. 11.
Ballard, William E., Birmingham, Ala. Plow clevis. 1,444,824; Feb. 13.
Ballard, William R., Haubstadt, Ind. Sash fastener. 1,445,429; Feb. 13.
Ballaž, Peter, West New York, N. J. Threadless bolt. 1,478,093; Dec. 18.
Ballenger, Edgar G., Atlanta, Ga. Vaporizer. 1,440,956; Jan. 2.
Ballenger, John L., Greenville, S. C. Portable stair. 1,475,777; Nov. 27.
Ballentine, Edward W., Toledo, Ohio. Snap fastener. 1,443,611; Jan. 30.
Ballentine, William I., Laporte, Ind., assignor to Advance-Rumely Company. Flexible motor support. 1,463,568; July 31.

Ballew, Elmer L., Chicago, Ill. Electric-sign-flashing apparatus. 1,452,178; Apr. 17.
Balliet, Aaron H., Allentown, Pa. Circular box for cigars. 1,455,983; May 22.
Ballinger, Albert E. (See Ballinger, George W. and A. E.)
Ballinger, George W., and A. E., Upland, Ind. Table. 1,471,678; Oct. 23.
Ballman, Edwin C., St. Louis, Mo., assignor to Valley Electric Company, Wilmington, Del. Rotor for induction motors. 1,478,164; Dec. 18.
Ballou, B. A., & Company. (See Ballou, Frederick A., jr., assignor.)
Ballou, B. A., & Company Inc. (See Morehouse, Eugene, assignor.)
Ballou, Cleveland A., Newton, Mass. Ash pan. 1,445,471; Feb. 13.
Ballou, Frederick A., jr., assignor to B. A. Ballou & Company Inc., Providence, R. I. Neck-chain fastener. 1,445,817; Feb. 20.
Ballou, Frederick A., jr., assignor to B. A. Ballou & Company Inc., Providence, R. I. Neck chain. 1,477,235; Dec. 11.
Ballou, John M. (See Balzer, V. W., and Ballou.)
Balls, William L., Manchester, England. Apparatus for grading or separating fibers according to their length. 1,452,352; Apr. 17.
Balls, William L., and F. Hutchins, Manchester, England. Apparatus for grading or separating fibers according to their length. 1,452,353; Apr. 17.
Ballweg, John H., Portland, Oreg. Lamp. 1,470,135; Oct. 9.
Balme, Joseph F., jr., Boston, Mass. Railway tie and rail fastening. 1,475,106; Nov. 20.
Balmer, John H., Newark, N. J. Toothbrush and tumbler supporting fixture. Des. 62,389; May 22.
Balmer, Robert, Toronto, Ontario, Canada. Destruction of refuse. 1,442,116; Jan. 16.
Balmer, Robert, Toronto, Ontario, Canada. Apparatus for the destruction of refuse. 1,460,565; July 3.
Balmer, Robert, Toronto, Ontario, Canada. Refuse-disposal plant. 1,460,566; July 3.
Balogh, Maria, Buffalo, N. Y. Illuminated automobile license plate. 1,477,415; Dec. 11.
Balsam, Maurice M., Brooklyn, N. Y. Lathe tool. 1,466,265; Aug. 28.
Balsillie, John G., Melbourne, Australia. Reflector for use in light projectors. 1,470,798; Oct. 16.
Balson, Adrian C., Philadelphia, Pa. Toy bank. 1,443,943; Feb. 6.
Balsley, Eugene A. (See Fey, Frank E., assignor.)
Balter, Louis, New York, N. Y. Dental tray. 1,455,518; May 15.
Balter, Louis., assignor to Balter Tray Manufacturing Co., Inc., New York, N. Y. Dental tray. 1,477,098; Dec. 11.
Balter Tray Manufacturing Co. (See Balter, Louis, assignor.)
Balthasar, Harry G., assignor to B. and B. Manufacturing Company, St. Louis, Mo. Whistle. 1,462,161; July 17.
Baltich, Urosh, Gary, Ind. Toy. 1,468,223; Sept. 18.
Baltimore Gas Appliance & Manufacturing Company, The. (See Longfellow, Martin W., assignor.)
Baltimore Trust Company, trustee. (See Scott, Alexander A., assignor.)
Baltimore Tube Company. (See Bradley, R. E., and Webber, assignors.)
Baltimore Tube Company. (See Morse, Charles S., assignor.)
Balwick, Louis H. Oakland, Calif. Fruit grader. 1,448,990; Mar. 20.
Balz, George A., Rahway, N. J. Coke oven or carbonizing furnace. 1,443,161; Jan. 23.
Balzano, Saverio, et al. (See Marrazzo, Domenico, assignor.)
Balzer-Alber, Wilhelm. (See Jenny, K. K., and Balzer-Alber.)
Balzer, Charles A. (See Voss, H. W., and Balzer.)
Balzer, Vernon W., and J. M. Ballou, assignors to I. L. Shogran, Los Angeles, Calif. Electric flashing device. 1,446,780; Feb. 27.
Balzereit, George H., Philadelphia, Pa. Ice-cream cabinet. 1,447,005; Feb. 27.
Bambara, Charles F., Chicago, Ill. Washing apparatus. 1,459,136; June 19.
Bamber, William, Sutton, England. Display box. 1,472,953; Nov. 6.
Bamblett, Frederick. (See Avery, G. A., and Bamblett.)
Bamford, Cyril J. (See Bamford, Joseph and C. J.)
Bamford, Frank L., Detroit, Mich. Toasting machine. 1,458,021; June 5.
Bamford, John W., & Son, Inc. (See Bamford, John W., assignor.)
Bamford, John W., assignor to John W. Bamford & Son, Inc., Providence, R. I. Endless belt drive. 1,442,037; Jan. 16.
Bamford, Joseph and C. J., Uttoxeter, England. Driving gear for converging shafts. 1,442,513; Jan. 16.
Banan, Horace F., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Thermostat. 1,458,924; June 19.

Banbury, Fernley H., Ansonia, assignor to Birmingham Iron Foundry, Derby, Conn. Machine for treating rubber and other heavy plastic material. 1,449,930; Mar. 27.

Banch, Ladislaus B., Cleveland, Ohio. Internal-combustion engine. 1,448,182; Mar. 13.

Bancroft, Charles C., New Orleans, La. Reducing bituminous material to dust. 1,441,904; Jan. 9.

Bancroft, Frank H., assignor to P. Derby & Co., Inc., Gardner, Mass. Upholstery. 1,460,399; July 3.

Bancroft, Frank H., Gardner, assignor to P. Derby & Co., Inc., Worcester, Mass. Wood-bending apparatus. 1,461,471; July 10.

Bancroft, John S. and M. C. Indahl, assignors to Lanston Monotype Machine Company, Philadelphia, Pa. Typographic composing machine. 1,449,489; Mar. 27.

Band, Stephen W., San Francisco, assignor of one-half to W. Hackett, Oakland, Calif. Locking bolt. 1,452,777; Apr. 24.

Bander, George T., et al. (See Stringer, Melvin, assignor.)

Bandman, Albert, New York, N. Y. Syringe. 1,471,644; Oct. 23.

Bands, William H., Southmont Borough, Pa. Muffler. 1,466,037; Aug. 28.

Banes, Chesley V., Kinross, Iowa. Flytrap. 1,442,992; Jan. 23.

Banes, Chesley V., Kinross, Iowa. Fastener for automobile chains. 1,472,038; Oct. 30.

Banes, Walter D., Germantown, Pa., assignor to General Pressed Metal Company. Actuating device. 1,470,910; Oct. 16.

Bang, George A., St. Louis, Mo. Refrigerating apparatus. 1,448,183; Mar. 13.

Bangert, Adolph, Union Hill, N. J. Combination tool. 1,458,511; June 12.

Bangert, Adolph, Union Hill, N. J. Combination tool. 1,469,472; Oct. 2.

Bangert, Adolph, and F. May, New York, N. Y.; said F. May assignor of his entire right to C. May, Jersey City, N. J. Wrench. 1,460,837; July 3.

Banghart, George E., Olney, Ill. Hand embroidery needle. 1,453,262; May 1.

Bangs, Owen M., Brooklyn, N. Y. Reenforced seal. 1,472,381; Oct. 30.

Bania, Frank, Detroit, Mich. Ironing board. 1,457,661; June 5.

Banker, Oscar H., assignor to Racine Tool and Machine Company, Racine, Wis. Broaching machine. 1,467,525; Sept. 11.

Bankers Box Company. (See Fellowes, Harry L., assignor.)

Banks, Alfonso A., New York, N. Y. Mailing tube. 1,440,957; Jan. 2.

Banks, Alfonso A., New York, N. Y. Flypaper. 1,459,711; June 26.

Banks, Alfonso A., New York, N. Y. Tie press. 1,473,662; Nov. 13.

Banks, Alfonso A., New York, N. Y. Towel rack. 1,476,034; Dec. 4.

Banks, George L. and M. R., Los Angeles, Calif. Cord control. 1,465,334; Aug. 21.

Banks, Joseph H., North Andover, Mass. Chain holder. 1,449,257; Mar. 20.

Banks, Joseph L., Baltimore, Md. Heat transmission. 1,462,079; July 17.

Banks, Joseph L., Baltimore, Md. Vehicle. 1,465,248; Aug. 21.

Banks, Lee H., Lacamp, La. Door for freight cars. 1,462,565; July 24.

Banks, Mary R. (See Banks, George L. and M. R.)

Banks, Northrop, Lamar, Mo. Toilet attachment for automobiles. 1,454,618; May 8.

Banks, William H. (See Robertson, Colin, assignor.)

Banks, William H., Winthrop, Mass. Railway guard for station platforms. 1,448,327; Mar. 13.

Banneyer, Joseph. Chicago, Ill. Sign. 1,476,943; Dec. 11.

Bannister, Bryant. (See Hopwood, J. M., and Bannister.)

Bannister, Bryant, Pittsburgh, Pa. Pressure regulator. 1,450,783; Apr. 3.

Bannister, Bryant, Pittsburgh, Pa., assignor to Bannister Motor Appliance Company. Carburetor. 1,465,574; Aug. 21.

Bannister Motor Appliance Company. (See Bannister, Bryant, assignor.)

Bannon, Frank A., assignor of two-thirds to R. Keller and one-third to W. A. Thornton, Dallas, Tex. Lubricating, cleaning, and painting apparatus. 1,460,695; July 3.

Bannon, Russell E., Springfield, Mass. Holder for nursing bottles. 1,461,342; July 10.

Banowetz, Mathias B., Charlotte, Iowa. Bearing holder. 1,460,011; June 26.

Banting, Frederick G., C. H. Best, Toronto, Ontario, and J. B. Collip, Edmonton, Alberta, assignors to the Governors of the University of Toronto, Toronto, Ontario, Canada. Extract obtainable from the mammalian pancreas or from the related glands in fishes, useful in the treatment of diabetes mellitus, and preparing it. 1,469,994; Oct. 9.

Bantle, Ralphael, St. Louis, Mo. Toy. 1,463,032; July 24.

Banwarth, William, Gary, S. Dak. Automobile spring. 1,442,849; Jan. 23.

Banzhaf, Edwin J. (See Wenderhold, William, assignor.)

Banzhof, Charles P., assignor of three-quarters to The Fidelity Electric Company, Lancaster, Pa. Centrifugal electrical switch. 1,444,825; Feb. 13.

Bar Zim Toy Manufacturing Co. Inc. (See Bartholomae, William, assignor.)

Barab, Jacob, Atlantic City, N. J., assignor to Hercules Powder Company, Wilmington, Del. Detonator. 1,458,925; June 19.

Barabas, Joseph, Rome, N. Y. Cooking utensil. 1,464,965; Aug. 14.

Barach, Louis V. (See Seeman, C. E., and Barach.)

Baranoff, Andrian J., Los Angeles, Calif. Combination tube expander, beader, and cutter. 1,478,692; Dec. 25.

Barany, Edmund R., Brooklyn, N. Y., assignor to Franco Electric Corporation. Lens ring. 1,447,405; Mar. 6.

Barany, Edmund R., Brooklyn, N. Y., assignor to Franco Electric Corporation. Flash light. 1,448,353; Mar. 13.

Barany, Edmund R., New York, N. Y., assignor to Franco Electric Corporation. Flash light. 1,448,354; Mar. 13.

Barany, Edmund R., Brooklyn, N. Y., assignor to Franco Electric Corporation. Flash-light-battery thrust cap. 1,460,150; June 26.

Barany, Edmund R., Brooklyn, N. Y., assignor to Franco Electric Corporation. Flash light. 1,466,350; Aug. 28.

Barany, Edmund R., and L. B. Manson, New York, N. Y., assignors to Franco Electric Corporation. Flash light. 1,448,352; Mar. 13.

Barany, Edmund R., New York, and W. S. Pritchard, Mount Vernon, N. Y., assignors to Franco Electric Corporation. Flash light. 1,441,822; Jan. 9.

Barany, Edmund R., Brooklyn, N. Y., assignor to Franco Electric Corporation. Flash light. 1,460,149; June 26.

Barbarou, Marius J. B., Paris, France. Speed reducer for aviation engines. 1,449,029; Mar. 20.

Barbarou, Marius J. B., Paris, France. Clutch device for motor vehicles. 1,461,343; July 10.

Barbarou, Marius J. B., Paris, France. Carburetor. 1,462,782; July 24.

Barbarou, Marius J. B., Paris, France. Stopper for reservoirs, radiators, and the like. 1,462,783; July 24.

Barbarou, Marius J. B., Paris, France. Coupling device for vehicles. 1,465,294; Aug. 21.

Barbee Wire and Iron Works. (See Young, Le Roy S., assignor.)

Barber, Albert E., Chicago, Ill. Shaft coupling. 1,472,782; Nov. 6.

Barber, Allan J., Woonsocket, R. I. Abacus frame. 1,441,323; Jan. 9.

Barber Asphalt Company, The. (See Babb, Charles S., assignor.)

Barber Asphalt Company, The. (See Browne, Frank A., assignor.)

Barber Asphalt Company, The. (See Miller, John S., jr., assignor.)

Barber Asphalt Paving Company, The. (See Forrest, C. N., Hayden, and Douthett, assignors.)

Barber Asphalt Paving Company, The. (See Monrath, Gustav, assignor.)

Barber-Colman Company. (See Colman, Howard D., assignor.)

Barber-Colman Company. (See Peterson, Burt A., assignor.)

Barber, Earl E. (See Grover, A. D., and Barber.)

Barber, Frank W., Chicago, Ill. Cable tightener. 1,476,026; Dec. 4.

Barber, Howard M., Stonington, Conn., assignor to C. B. Cottrell & Sons Company, New York, N. Y. Sheet collecting and associating mechanism. 1,450,573; Apr. 3.

Barber, Howard M., Stonington, Conn., assignor to C. B. Cottrell & Sons Company, New York, N. Y. Sheet collecting and associating mechanism. 1,450,574; Apr. 3.

Barber, Howard M., Stonington, Conn., assignor to C. B. Cottrell & Sons Company, New York, N. Y. Machine for cutting and feeding sheets of different lengths from a continuous web. 1,468,452; Sept. 18.

Barber, Howard M., Stonington, Conn., assignor to C. B. Cottrell & Sons Company, New York, N. Y. Means for and method of applying antioffset material to freshly-printed sheets. 1,470,344; Oct. 9

Barber, Howard M., Stonington, Conn., assignor to C. B. Cottrell & Sons Company, New York, N. Y. Means for and method of applying antioffset material to freshly-printed sheets. 1,470,345; Oct. 9.

Barber, Howard M., Stonington, Conn., assignor to C. B. Cottrell & Sons Company, New York, N. Y. Folding mechanism. 1,473,202; Nov. 6.

Barber, James T., Brooklyn, N. Y. Latch device for skid chains and the like. 1,450,199; Apr. 3.

Barber, Lee W., and E. W. Webb, assignors to Standard Car Truck Company, Chicago, Ill. Side bearing. 1,448,719; Mar. 20.

Barber, Lewis R., assignor to Lisenby Manufacturing Company, Fresno, Calif. Paper-feed mechanism. 1,466,922; Sept. 4.

Alphabetical list of patentees—Continued.

Barber, Martin A., Cleveland, Ohio, assignor, by mesne assignments, to The American Automatic Connector Company, Wyoming, Del. Removable nipple and gasket. 1,475,530; Nov. 27.
Barber, William J., assignor of one-half to E. M. Kline, Cleveland, Ohio. Gas burner. 1,443,338; Jan. 30.
Barbet, Emile A., Paris, France. Process and apparatus for the recovery of the vapors of volatile liquids from aeriform mixtures. 1,452,778; Apr. 24.
Barbet, Pierre A., Paris, France. Continuous sulphonation of benzene, applicable to impure benzenes. 1,459,081; June 19.
Barbey, Henri, Schiltigheim, France. Machine for cutting up fruit and vegetables of all kinds, especially potatoes. 1,457,137; May 29.
Barbey, Jacob W. (See Taylor, W. H., Downs, and Barbey.)
Barbezieux, Albert, Paris, France. Steadying device for vehicles. 1,444,022; Feb. 6.
Barbieri, Cesare, New York, N. Y., assignor to The Vortex Mfg. Co. Sundae dish and manufacture. 1,450,832; Apr. 3.
Barbieri, Cesare, New York, N. Y., assignor to The Vortex Manufacturing Company. Holder and method of transferring stacked sundae cups from cup-stacking machines into cartons. 1,454,261; May 8.
Barbieri, Cesare, New York, N. Y., assignor to The Vortex Manufacturing Co., Chicago, Ill. Ejector mechanism for paper-cup dispensers. 1,466,923; Sept. 4.
Barbour, John E., Paterson, N. J. Smudging apparatus. 1,449,490; Mar. 27.
Barbour, Samuel A., Paterson, N. J. Wound package. 1,454,573; May 8.
Barchardt, Edward, et al. (See Latta, William W., assignor.)
Barchus, Charles, Natchez, Miss. Piston-ring holder. 1,478,724; Dec. 25.
Barclay, Arthur E. (See Nathan, A. J., and Barclay.)
Barene, Otto E., Brooklyn, N. Y. Coal conveyer. 1,478,812; Dec. 25.
Barcalo Manufacturing Company. (See Anderson, Frank, assignor.)
Bard, Everett, Water Valley, Ky. Jar-cover crimper. 1,469,403; Oct. 2.
Bardo, John H. (See Bardo, William C. and J. H.)
Bardo, William C. and J. H., Arkansas City, Kans. Removable overtread for pneumatic tires. 1,441,262; Jan. 9.
Bardons & Oliver. (See Hornberger, Earl J., assignor.)
Bare, Darius D., West Jefferson, N. C. Mill. 1,456,353; May 22.
Barényi, Árpád, Berlin-Lichterfelde, and P. Kaemmerer, Charlottenburg, Germany. Electric starter for internal-combustion engines. 1,476,322; Dec. 4.
Barfield, Ernest A., Macon, Ga. Grate basket. 1,443,612; Jan. 30.
Barfield, Ernest A., Macon, Ga. Grate. 1,467,702; Sept. 11.
Barger, William B., et al. (See Wood, Joseph C., assignor.)
Bargsley, Sam L. (See Heckman, James, assignor.)
Barili, Arthur E. H., assignor to E. W. Wallace, Chicago, Ill. Dial indicator. 1,446,437; Feb. 20.
Barilko, John G. (See Simbol, Harry, assignor.)
Bark, Benjamin, Isleworth, England. Lighting accessory for wickless burners or stoves. 1,475,778; Nov. 27.
Barkelew, James T., Monterey Park, Calif. Tractor cultivator. 1,455,984; May 22.
Barkowski, John. (See Bootrym, Adam, assignor.)
Barks, Frank C. (See Morris, Octavius J., assignor.)
Barks, Frank S., assignor to Lincoln Steel and Forge Company, St. Louis, Mo. Mine car. 1,460,696; July 3.
Barks, Frank S., assignor to Lincoln Steel and Forge Company, St. Louis, Mo. Mine-car coupler. 1,462,188; July 17.
Barks, Frank S., assignor to Lincoln Steel and Forge Company, St. Louis, Mo. Journal box. 1,467,292; Sept. 4.
Barker, Albert G. (See Dieterle, Edward P., assignor.)
Barker, Alice C., Allston, Boston, Mass. Attachment for garment hangers. 1,467,298; Sept. 11.
Barker Asphalt Paving Company, The. (See Monrath, Gustav, assignor.)
Barker, Edwin R., South Bend, Ind. Timer. 1,469,032; Sept. 25.
Barker, Frederick W. (See Curran, John J., assignor.)
Barker, George E., Aberdeen, S. Dak. Decoy. 1,452,631; Apr. 24.
Barker, George M., Macon, Ga. Basket-cover fastener. 1,467,891; Sept. 11.
Barker, George R., Joliet, assignor to W. E. Pratt, Chicago, Ill. Wrench. 1,452,951; Apr. 24.
Barker, James, Detroit, Mich. Index tab. 1,475,165; Nov. 27.
Barker, Joseph E., Denver, Colo. Lock switch for automobile ignition. 1,474,506; Nov. 20.
Barker, Leroy A. (See Maxwell, W., and Barker.)
Barker, Lyle M., Hayden, Ariz. Method and apparatus for concentration of ore. 1,447,006; Feb. 27.
Barker, Percy E., assignor to The Van Dorn Iron Works Company, Cleveland, Ohio. Dump truck. 1,471,511; Oct. 23.
Barker, Philip, Kohala, Hawaii. Pneumatically-operated cutting tool. 1,467,262; Sept. 4.
Barker, Sarah F. (See Williams, C. B., and Barker.)
Barker, Theodore E. (See Skaer, A. H., Barker, and Clark.)
Barker, Thomas J., Kansas City, Mo. Rubber-tire core. 1,470,048; Oct. 9.
Barker, Walter M., Portland, Oreg. Reversing mechanism for reciprocating members. 1,468,896; Sept. 25.
Barker, William T., Angola, Ind. Shaft-locking means. 1,476,437; Dec. 4.
Barker, Wendell A., deceased, Elkhart, Ind., R. B. Ferreby, administrator. Locking device for screws. 1,445,818; Feb. 20.
Barkley, Danford, assignor to Stephen Sanford & Sons, Inc., Amsterdam, N. Y. Carpet. Des. 62,933; Aug. 28.
Barkley, Vernor T., Pittsburgh, Pa. Hoisting cage. 1,467,223; Sept. 4.
Barkman, Harley, Rochester, Ind. Camp bed. 1,445,195; Feb. 13.
Barkschat, Henry. (See Gorrell, W. R., and Barkschat.)
Barkschat, Henry, Los Angeles, assignor of one-half to E. B. Blinn, Pasadena, Calif. Forming hollow concrete bodies. 1,474,881; Nov. 20.
Barksdale, George R. (See Aldrich, A. P., and Barksdale.)
Barksdale, George R., and P. B. Wilson, Greenwood, S. C.; said Wilson assignor to said Barksdale. Automatic roving check. 1,462,896; July 24.
Barkstrom, Charles E., Chicago, Ill. Organ pipe. 1,458,382; June 12.
Barley, Albert C., Kalamazoo, Mich. Windshield. 1,469,873; Oct. 9.
Barlough, Stephen L., Saginaw, Mich. Reversing device for motor cycles. 1,469,984; Oct. 9.
Barlow, George H., et al. (See Seley, Charles C., assignor.)
Barlow, Harry, and J. E. H. Mathies, East Moline, Ill. Mail-bag delivery and receiving crane. 1,452,234; Apr. 17.
Barlow, Lester P., New Haven, Conn. Radiator device for gas engines. 1,460,360; June 26.
Barlow, Thaddeus S., New York, N. Y. Means for controlling the gas pilot lights of water-gas machines. 1,441,905; Jan. 9.
Barlow, William L., Clear Lake, Iowa. Crate for catching and holding hogs. 1,455,101; May 15.
Barna, Andrew, jr., Chicago, Ill. Cigar or cigarette lighter. 1,469,912; Oct. 9.
Barna, John, New London, Conn. Storage-battery plate. 1,463,788; Aug. 7.
Barnaby, Stanley. (See Hadley, F. V., Barnaby, and Clark.)
Barnard, Arthur F., et al. executors. (See Crowden, John C. T.)
Barnard, Arthur E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Recovering residual anthraquinone from a sulphonation mass. 1,474,507; Nov. 20.
Barnard, Dudley J., Barking, England. Grab. 1,477,530; Dec. 18.
Barnard, Harry L., Mount Pocono, and C. A. Nauman, jr., Cresco, Pa.; said Nauman assignor to said Barnard. Wagon-body brace. 1,467,263; Sept. 4.
Barnard, Samuel G., Seattle, Wash. Fuel-Feed-Control System. 1,447,459; Mar. 6.
Barnard, Thomas H., Toronto, Ontario, Canada. Strain clamp. 1,460,567; July 3.
Barnard, William F., Marion, Ind. Station stop device. 1,452,022; Apr. 17.
Barnebl, August J., jr., Newark, N. J., assignor to The Dorr Company. Valve. 1,447,007; Feb. 27.
Barnes, Albert E., assignor, by mesne assignments, to Kritikson Bros., Inc., Chicago, Ill. Check protector. 1,452,674; Apr. 24.
Barnes, Arthur B., assignor to Barnes Electric Manufacturing Company, New York, N. Y. Lamp fixture and socket construction. 1,465,836; Aug. 21.
Barnes, Brown E., assignor to Williamette Iron & Steel Works, Portland, Oreg. Pulley block. 1,462,630; July 24.
Barnes, Brown E., assignor to Williamette Iron & Steel Works, Portland, Oreg. Pulley block. 1,462,631; July 24.
Barnes, Charles R., Rochester, N. Y. Zone fare system. 1,457,488; June 5.
Barnes, Edward, et al. (See Dickens, William, assignor.)
Barnes, Edward A., assignor to California Cap Company, Oakland, Calif. Recovering oxalic acid. 1,468,792; Sept. 25.
Barnes Electric Manufacturing Company. (See Barnes, Arthur B., assignor.)
Barnes, Eugene A., jr. (See Brown, Harry V., assignor.)
Barnes, Eugene L., Seattle, Wash., assignor to American District Steam Company, North Tonawanda, N. Y. Fuel-stoking structure. 1,455,756; May 15.
Barnes, Eugene L., Buffalo, assignor to American District Steam Company, North Tonawanda, N. Y. Liquid-measuring structure. 1,455,757; May 15.
Barnes, Eugene L., Buffalo, assignor to American District Steam Company, North Tonawanda, N. Y. Fuel-stoking structure. 1,469,172; Sept. 25.

Barnes, Gerard C., and J. R. Morgan, Coogee, New South Wales, Australia. Centrifugal separator. 1,478,660; Dec. 25.
Barnes, Harold B., Denver, Colo. Electric switch. Re. 15,548; Feb. 20.
Barnes, Harold S. (See Bonneville, J. H., and Barnes.)
Barnes, Henry, Cleveland, Ohio. Toothbrush. 1,476,579; Dec. 4.
Barnes, James, New Kensington, Pa. Building block. 1,450,784; Apr. 8.
Barnes, John A., West New Brighton, assignor to The Superheater Company, New York, N. Y. Boiler with superheater. 1,454,100; May 8.
Barnes, John H., Norwich, Conn. Railway tie. 1,465,406; Aug. 21.
Barnes, John S., assignor to Wire Products Corporation, Ann Arbor, Mich. Weaving wire fabrics. 1,454,619: May 8
Barnes, John S., assignor to Wire Products Corporation, Ann Arbor, Mich. Wire fabric. 1,467,416; Sept. 11.
Barnes, Joseph B., Clark, Mo. Nut lock. 1,475,779; Nov. 27.
Barnes, Mamie A., et al. (See Dickens, William, assignor.)
Barnes Manufacturing Company. (See Gorman, James C., jr., assignor.)
Barnes, Ned E., Willis, Tex. Rail brace. 1,446,957; Feb. 27.
Barnes, Riley R. (See Crannell, Charles W., assignor.)
Barnes, Rufus F., Springfield, Mass. Nut-tapping machine. 1,461,171; July 10.
Barnes, Samuel C. (See Nalley, William L., assignor.)
Barnes, Wallace Company, The. (See Cook, Raymond W., assignor.)
Barnes, Walter C., Chicago, Ill., and W. O. Barnes, Leominster, Mass. Instrument for measuring the height of liquids. 1,454,531; May 8.
Barnes, William M., Circleville, Ohio. Antifriction roller bearing for wheels. 1,443,829; Jan. 30.
Barnes, William O. (See Barnes, Walter C. and W. O.)
Barnes, William, Zanesville, Ohio, assignor to J. W. De Camp, Blackwell, Okla. Mold. 1,465,724; Aug. 21.
Barnett, Edward J. (See Clark, F. H., and Barnett.)
Barnett, Gertrude, San Francisco, Calif. Teapot. Des. 63,065; Oct. 2.
Barnett, Harry, Helena, Mont. Automobile wheel lock. 1,477,929; Dec. 18.
Barnett, L. C. (See Phelps, Frank, assignor.)
Barnett, Lyman R., Missoula, Mont. Clasp. 1,451,316; Apr. 10.
Barnett, Robert K., Philadelphia, Pa. Elevator conveyer. 1,470,663; Oct. 16.
Barnett, William, Portland, Oreg. Automobile lock. 1,470,662; Oct. 16.
Barnett, William H., Knoxville, Tenn. Sewing machine. 1,452,632; Apr. 24.
Barnett, William H., Knoxville, Tenn. Sewing machine. 1,452,633; Apr. 24.
Barnette, John S., jr., Broughton, Pa. Safety device for street-car trailers. 1,473,718; Nov. 13.
Barney, Edwin E. (See Barr, J. H., and Barney.)
Barney, Edwin E., New Rochelle, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,456,296; May 22.
Barney, Edwin E., New Rochelle, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,458,125; June 12.
Barney, Edwin E., New Rochelle, N. Y., assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,473,920; Nov. 13.
Barney, Edwin E., New Rochelle, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,475,619; Nov. 27.
Barney, Louis D., Chicago, Ill. Lawn sprinkler. 1,462,256; July 17.
Barney, Philip, Tecumseh, Ontario, Canada. Child's cot. 1,478,725; Dec. 25.
Barney, Walter T., and O. Hovden, Point Loma, Calif.. Toy sailboat. 1,449,030; Mar. 20.
Barnhart, Curtis E., Auburn, Nebr. Automatic air coupler. 1,471,231; Oct. 16.
Barnhart, Loren G. (See Van Ness, Frank A., assignor.)
Barnhart, William E., and M. E. Lohr, Johnstown, Pa. Concrete-block-molding machine. 1,475,532; Nov. 27.
Barnhurst, Henry G., Allentown, Pa., assignor to Fuller Engineering Company. Pulverized-fuel Furnace. 1,452,952; Apr. 24.
Barnia, Frank I., assignor of one-half to M. Barnia, Merrill, Wis. Artificial minnow. 1,451,436; Apr. 10.
Barnia, Mathilde. (See Barnia, Frank, I., assignor.)
Barnickel, Wm. S., & Company. (See Barnickel, William S., assignor.)
Barnickel, William S., assignor to Wm. S. Barnickel & Company, St. Louis, Mo. Treating petroleum emulsions. 1,467,831; Sept. 11.
Barnstable, Edward S., Nokomis, assignor of one-half to D. E. Aylward and one-half to J. W. Busker, Livingston, Ill. Miner's carbide-lamp holder. 1,454,034; May 8.
Barnum, Harry B. Stratford, Conn., assignor to The American Fabrics Company. Lace. Des. 63,446; Dec. 11.
Barnum, Thomas E., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Controller for electric motors. 1,446,443; Feb. 27.
Barnum, Thomas E., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Motor controller. 1,462,476; July 24.
Baron, Bernhard, London, and G. F. Bull, Birmingham, England. Box or container for tobacco cartridges. 1,478,165; Dec. 18.
Baron, Charles S., Tiffin, Ohio. Top for containers. 1,461,375; July 10.
Baron, Mary C., Hampden Meadows, R. I. Brooder. 1,440,958; Jan. 2.
Baron, Mary C., Hampden Meadows, R. I. Brooder. 1,454,946; May 15.
Baroody, Assad M., Danville, Va. Milk-bottle closure. 1,462,462; July 17.
Barr, Archibald, and W. Stroud, assignors to Barr and Stroud, Limited, Glasgow, Scotland. Mountings for the support of instruments on board ship. 1,441,477; Jan. 9.
Barr, Archibald, and W. Stroud, assignors to Barr and Stroud, Limited, Anniesland, Glasgow, Scotland. Apparatus for testing and recording the efficiency of range-finder operators. 1,450,907; Apr. 10.
Barr, Archibald, and W. Stroud, assignors to Barr and Stroud, Limited, Glasgow, Scotland. Speed-controlling device. 1,453,119; Apr. 24.
Barr, Archibald, and W. Stroud, assignors to Barr and Stroud, Limited, Glasgow, Scotland. Optical apparatus for measuring small angles. 1,455,772; May 22.
Barr, Archibald, and W. Stroud, assignors to Barr and Stroud, Limited, Anniesland, Glasgow, Scotland. Mechanism for producing motions representing a function of two independent variables in calculating apparatus. 1,460,221; June 26.
Barr, Charles H., assignor to The Torrington Company, Torrington, Conn. Vacuum-cleaner demonstrator. 1,449,931; Mar. 27.
Barr, Clarence E., assignor of one-fourth to F. K. Allen, one-fourth to W. M. Mervin, and one-half to T. E. Jackson, Detroit, Mich. Electric heater. 1,467,667; Sept. 11.
Barr, Clarence E., and T. E. Jackson, Detroit, Mich. Electric toaster. Des. 62,012; Feb. 27.
Barr, Clarence E., and T. E. Jackson, assignors of one-fourth to F. K. Allen and one-fourth to W. M. Mervin, Detroit, Mich. Electric toaster. 1,466,656; Sept. 4.
Barr, Edward B., assignor of one-half to G. T. Warhurst, Newton, Kans. Locomotive exhaust nozzle. 1,471,584; Oct. 23.
Barr, Harry P., East Orange, N. J., assignor to C. P. Fiske, Newton, Mass. Brick. 1,456,048; May 22.
Barr, Harry R., Philadelphia, assignor of one-third to C. B. Zacharias and one-third to W. E. Byers, Chambersburg, Pa. Vanity case. 1,460,192; June 26.
Barr, James, Beaver, Pa. Opener. 1,455,702; May 15.
Barr, John H., New York, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,447,638; Mar. 6.
Barr, John H., New York, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,455,519; May 15.
Barr, John H., New York, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,461,510; July 10.
Barr, John H., New York, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,461,511; July 10.
Barr, John H., New York, and E. E. Barney, New Rochelle, assignors to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,447,639; Mar. 6.
Barr, John M., assignor to The Louis Allis Company, Milwaukee, Wis. Speed controller. 1,477,862; Dec. 18.
Barr, Lester S., Washington, D. C. Spoon holder for bottles. 1,443,861; Jan. 30.
Barr, Louis D., Tacoma, Wash. Child's vehicle. 1,445,472; Feb. 13.
Barr, Louis D., Tacoma, Wash. Hobbyhorse toy. 1,461,020; July 10.
Barr, Sidney U., Brooklyn, N. Y. Window. 1,446,372; Feb. 20.
Barr, Sidney U., Brooklyn, N. Y. Window. 1,459,668; June 19.
Barr and Stroud, Limited. (See Barr, A., and Stroud, assignors.)
Barr and Stroud, Limited. (See French, James W., assignor.)
Barratt, William T., Bennington, Vt. Stop motion for knitting machines. 1,461,172; July 10.
Barre, Marius J. (See Ward, W. E., and Barre.)
Barrera, Carlos O., Tuckahoe, N. Y. Aerial vehicle. 1,456,210; May 22.
Barrett, Arthur M., Chicago, Ill. Forming folded strips of material. 1,455,061; May 15.
Barrett, Arthur M., Winnetka, Ill. Lifting truck. 1,459,044; June 19.
Barrett, Charles, New York, N. Y. Electric sealing device. 1,449,081; Mar. 20.
Barrett, Clarence E. (See Mooney, Frank H., assignor.)
Barrett Company, The. (See Adams, Floyd W., assignor.)
Barrett Company, The. (See Craver, Augustus E., assignor.)

Alphabetical list of patentees—Continued.

Barrett Company, The. (See Dennis, Clark M., assignor.)
Barrett Company, The. (See Downs, C. R., and Stupp, assignors.)
Barrett Company, The. (See Downs, Charles R., assignor.)
Barrett Company, The. (See Gould, David F., assignor.)
Barrett Company, The. (See Miller, Stuart P., assignor.)
Barrett Company, The. (See Miller, S. P., and Hess.)
Barrett Company, The. (See Miller, S. P., and Hill, assignors.)
Barrett Company, The. (See Perry, Ray P., assignor.)
Barrett Company, The. (See Snyder, E. R., and Mortimer, assignors.)
Barrett Company, The. (See Weisberg, Louis, assignor.)
Barrett, Dwight O., Springfield, Ohio. Engine cylinder and head. 1,443,893; Jan. 30.
Barrett, Glenn J., Grand Rapids, Mich., assignor, by mesne assignments, to Remington Typewriter Company, Ilion, N. Y. Combined typewriting and adding machine. 1,459,814; June 26.
Barrett, Harry A. (See Reddig, C. H., and Barrett.)
Barrett, Harry D., Niles, Mich. Oiling system. 1,478,094; Dec. 18.
Barrett, John E. (See Barrett, John F. and J. E., and Wyatt.)
Barrett, John F., Newport, John E. Barrett, Katoomba, and F. A. Wyatt, Newport, New South Wales, Australia. Feathering mechanism for paddle-type stream motors and propellers. 1,465,593; Aug. 21.
Barrett, John H., Cleveland, Ohio. Removable sadiron stand. 1,443,339; Jan. 30.
Barrett, Joseph C., Brooklyn, assignor to American Kron Scale Co., New York, N. Y. Weighing scale. 1,448,427; Mar. 13.
Barrett, Joseph N. (See Wolcott, Robeson B., assignor.)
Barrett, Leon J., Worcester, Mass. Pruning shears. 1,454,917; May 15.
Barrett, Richard L., Chicago, Ill. Grease cup. 1,444,362; Feb. 6.
Barrett, Roy, Palmyra, N. Y. Burglar alarm. 1,451,414; Apr. 10.
Barrett, William C., La Grange, Ill. Curtain fixture. 1,441,823; Jan. 9.
Barrett, William N., Meadville, Pa. Arch support. 1,464,841; Aug. 14.
Barrick, Donald C., assignor to The Union Metal Manufacturing Company, Canton, Ohio. Foundry flask. 1,459,137; June 19.
Barrie, William S., and L. Chadwick, Selwyn, via Townsville, Queensland, Australia. Aromatic hydrocarbon cement. 1,455,598; May 15.
Barrier, Michael T., Lancaster, Calif. Stake-holding device for trucks, trailers, and the like. 1,461,107; July 10.
Barrier, Raymond, Lubbock, Tex. Reeling device. 1,470,373; Oct. 9.
Barringer, Worth R., Grand Junction, Colo., assignor to The Auto-Maid Manufacturing Company. Vacuum cleaner. 1,445,930; Feb. 20.
Barron, Andrew J., Cincinnati, Ohio, assignor to The Cincinnati Horse Shoe & Iron Company. Automobile truck construction. 1,442,244; Jan. 16.
Barron, Andrew J., Cincinnati, Ohio, assignor to Cincinnati Horse Shoe & Iron Company. Automobile spring-supporting mechanism. 1,460,782; July 3.
Barron, Andrew J., and H. E. Crow, Cincinnati, Ohio, assignors to The Cincinnati Horse Shoe & Iron Company. Platform-spring suspension for automobiles. 1,457,138; May 29.
Barrow, A. C., & Company. (See Barrow, Alfred C., assignor.)
Barrow, Alfred C., assignor to A. C. Barrow & Company, Lynchburg, Va. Patch pocket. 1,457,812; June 5.
Barrow, Alfred C., assignor to A. C. Barrow & Company, Lynchburg, Va. Pocket. 1,457,813; June 5.
Barrow, John B., Macon, Ga. Chain-carrier mechanism for dry kilns. 1,478,883; Dec. 25.
Barrow, Thaddeus J., Riverside, Calif. Newspaper holder. 1,448,328; Mar. 13.
Barrows, Donald S., Rochester, assignor to The T. H. Symington Company, New York, N. Y. Draft-rigging backstop. 1,446,027; Feb. 20.
Barrows, Donald S., Rochester, N. Y., assignor to The T. H. Symington Company, New York, N. Y. Draft-rigging backstop. 1,446,028; Feb. 20.
Barrows, Donald S., Rochester, assignor to The T. H. Symington Company, New York, N. Y. Journal box. 1,458,741; June 12.
Barrows, Donald S., Rochester, assignor to The T. H. Symington Company, New York, N. Y. Draft-rigging backstop. 1,458,742; June 12.
Barrows, Donald S., Rochester, assignor to The T. H. Symington Company, New York, N. Y. Journal box. 1,458,743; June 12.
Barrows, Donald S., Rochester, assignor to The T. H. Symington Company, New York, N. Y. Draft rigging. 1,474,224; Nov. 13.
Barrows, Donald S., Rochester, assignor to The T. H. Symington Company, New York, N. Y. Draft-gear follower block. 1,474,225; Nov. 13.
Barrows, Earle M., Minneapolis, Minn. Shotgun shell. 1,457,337; June 5.
Barrows, Frank W., assignor to Columbia Graphophone Manufacturing Company, Bridgeport, Conn. Safety ejector for dictaphones and the like. 1,456,354; May 22.
Barrows, Leon D., and L. H. Darrow, New York, N. Y., assignors to American Telephone and Telegraph Company. Selective connection of trunk lines. 1,457,338; June 5.
Barrows, Robert Y., Inc. (See Barrows, Robert Y., assignor.)
Barrows, Robert Y., Rutherford, N. J., assignor to Robert Y. Barrows, Inc. Receptacle. 1,470,049; Oct. 9.
Barrows, Walter A., assignor to The Justrite Measuring Machine Company, Belvidere, Ill. Measuring and dispensing machine. 1,472,112; Oct. 30.
Barrs, Edward, London, England. Process and apparatus for coking the discharged material from low-temperature distillation apparatus. 1,460,638; July 3.
Barry, Arthur E. (See Davignon, E. A., Barry, and Greenhalgh.)
Barry Company. (See Barry, Nicholas, assignor.)
Barry, Gerald G., Chicago, Ill. Metal wheel. 1,440,435; Jan. 2.
Barry, Gerald G., Chicago, Ill. Metal wheel. 1,473,694; Nov. 13.
Barry, Howard F., assignor to The Ideal Utilities, Chicago, Ill. Scrubbing machine. 1,473,778; Nov. 13.
Barry, James J., Brooklyn, N. Y. Fish scaler. 1,456,666; May 29.
Barry, John M., Belfast, Ireland. Glare screen for vehicles. 1,470,800; Oct. 16.
Barry, Joseph, Brooklyn, N. Y. Outlet box. 1,441,054; Jan. 2.
Barry, Joseph W., deceased, Everett, Mass.; J. C. O'Malley, administrator. Cock. 1,447,231; Mar. 6.
Barry, Louis J. (See Macfarlane, S. B., and Barry.)
Barry, Michael J., Newark, N. J. Flat-tire alarm. 1,465,837; Aug. 21.
Barry, Nicholas, assignor to Barry Company, Muscatine, Iowa. Water-jet head attachment for button-blank-cutting machines. 1,452,779; Apr. 24.
Barsamian, Alfred G., Seattle, Wash. Automatic retaining and release valve for air brakes. 1,447,706; Mar. 6.
Barsby, Stuart C., and W. L. Smith, Denver, Calo. Pedal-locking device for automobiles. 1,444,298; Feb. 6.
Barstow, Edwin O. (See Dow, H. H., Griswold, and Barstow.)
Barstow, Edwin O., assignor to The Dow Chemical Company, Midland, Mich. Making benzoic acid and salts thereof. 1,463,190; July 31.
Barstow, Edwin O., and P. Cottringer, assignors to The Dow Chemical Company, Midland, Mich. Insecticide and making same. 1,466,983; Sept. 4.
Barsumian, George S., Oak Park, Ill. Cleaning rugs. 1,465,249; Aug. 21.
Bart, Thomas E., assignor to The Murdock Manufacturing and Supply Company, Cincinnati, Ohio. Railway water-service device. 1,464,165; Aug. 7.
Bart, Blasius, East Orange, N. J., assignor to Swiss Anode Corporation. Electroplating anode. 1,467,083; Sept. 4.
Bartels, Carl. (See Mosler, M., and Bartels.)
Bartels, Carl, assignor to The Mosler Safe Company, Hamilton, Ohio. Bolt and mounting therefor. 1,444,446; Feb. 6.
Bartels, Carl P. (See Goldsmith, G. M., and Bartels.)
Bartels, Louis E. (See Neunaber, J. F., and Bartels.)
Bartels, Theodore B., San Francisco, Calif. Sample case. 1,456,613; May 29.
Barter, Clarence E., Honolulu, Hawaii, assignor to California Packing Corporation, San Francisco, Calif. Machine for removing meat from pineapple shells. 1,444,535; Feb. 6.
Barth, Albert G. (See Sherwood, S. H., and Barth.)
Barth, Fritz, Barmen-Rittershausen, Germany. Protective device for the jointed ends of bands. 1,464,800; Aug. 14.
Barth, Champ J., and J. R. Pierce, Minneapolis, Minn. Ring. Des. 62,977; Sept. 4.
Barth, Champ J., and J. R. Pierce, Minneapolis, Minn. Ring. Des. 62,978; Sept. 4.
Barth, Champ J., and J. R. Pierce, Minneapolis, Minn. Ring. Des. 62,979; Sept. 4.
Barth, Champ J., and J. R. Pierce, Minneapolis, Minn. Ring. Des. 62,980; Sept. 4.
Barth, Julian. (See Pickard, G. W., and Barth.)
Barth, Karl, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Self-discharging wagon. 1,474,703; Nov. 20.
Barthel, Oliver E., Detroit, Mich. Motor suspension. 1,457,486; June 5.
Barthel, Oliver E. (See Wright, R. E., and Barthel.)
Barthel, Oliver E., Detroit, Mich. Brake rigging. 1,473,456; Nov. 6.
Barthelemy, dit Paul Cans, Antoine J. M., Paris, France. Fire escape. 1,463,149; July 31.
Barthels Manufacturing Co. (See Orthmann, Alfred, assignor.)
Bartholdy, Max, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Caliper gauge. 1,465,295; Aug. 21.
Bartholdy, Max, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Gauge. 1,448,373; Mar. 13.

Bartholomae, William, assignor to Bar-Zim Toy Manufacturing Co., Inc., New York, N. Y. Musical instrument. 1,444,722; Feb. 6.
Bartholomae, William, assignor to Bar Zim Toy Manufacturing Co. Inc., New York, N. Y. Musical toy. 1,453,968; May 1.
Bartholomae, William, assignor to Bar-Zim Toy Manufacturing Company, Inc., New York, N. Y. Flute or similar musical wind instrument. 1,447,919; Mar. 6.
Bartholome, Charles L., Terre Haute, Ind. Ejector for cigarette or cigar holders. 1,473,663; Nov. 13.
Bartholomew, Bruce, Berkeley, Calif. Geometrical instrument. 1,464,633; Aug. 14.
Bartholomew, Cassius M., Columbus, Ohio. Ring-twirling toy. 1,444,095; Feb. 6.
Bartholomew, Frank J. (See Hechenbleikner, I., and Bartholomew.)
Bartholomew, Frank K., and J. A. Ramage, McGregor, Iowa. Dustless carrier. 1,477,930; Dec. 18.
Bartholomew, Harry G., London, England. Facsimile transmission system. 1,454,719; May 8.
Bartholomew, John B., assignor to Avery Company, Peoria, Ill. Motor-propelled lister cultivator. 1,448,991; Mar. 20.
Bartholomew, John B., assignor to Avery Company, Peoria, Ill. Power-driven implement vehicle. 1,449,137; Mar. 20.
Bartholomew, John B., assignor to Avery Company, Peoria, Ill. Motor cultivator. 1,449,138; Mar. 20.
Bartholomew, John B., assignor to Avery Company, Peoria, Ill. Motor-propelled agricultural implement. 1,449,139; Mar. 20.
Bartholomew, John B., assignor to Avery Company, Peoria, Ill. Carbureting apparatus for internal-combustion engines. 1,462,845; July 24.
Bartholomew, John R., Berkeley, Calif., assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Automotive brake mechanism. 1,469,551; Oct. 2.
Bartholomew, Roy J. (See Coats, E. O., and Bartholomew.)
Bartholomew, Sidney A. (See Miller, Alexander, assignor.)
Bartholomew, Thomas, Columbus, Ohio. Fishing tackle. 1,465,707; Aug. 21.
Bartholomew, William, assignor to Troy Laundry Machinery Co., Ltd., Chicago, Ill. Tool. 1,446,444; Feb. 27.
Barthuli, Henry, Fresno, Calif. Land leveler. 1,441,621; Jan. 9.
Bartle, James W., and S. Roberts, assignors to The Hat Manufacturers Supply Company Limited, Stockport, England. Sweatband for hats. 1,443,862; Jan. 30.
Bartlemay, Arlie, assignor to The Red Cross Manufacturing Co., Bluffton, Ind. Bearing. 1,473,138; Nov. 6.
Bartlett, Fred C., Cromwell, Iowa. Crate. 1,471,232; Oct. 16.
Bartlett, Harry O., assignor to Bower & Bartlett, Inc., Washington, D. C. Laundry apparatus. 1,468,552; Sept. 18.
Bartlett, John E., assignor to Bar-Trex Mfg. Co. Inc., Birmingham, Ala. Device for feeding paper slips. 1,446,285; Feb. 20.
Bartlett, Francis A., Stamford, Conn. Cutting bur. 1,461,376; July 10.
Bartlett, George P. (See Lewin, J. A., and Bartlett.)
Bartlett, Harold W., Alvarado, assignor to Continental Salt and Chemical Company, San Francisco, Calif. For preparing salt and the like. 1,459,082; June 19.
Bartlett, Kent W., Hammond, Ind. Apparatus for softening water. 1,471,718; Oct. 23.
Bartlett, Samuel B., Carthage, N. C. Tobacco-drying furnace. 1,444,321; Feb. 6.
Bartlett, Thomas H., Long Beach, Calif. Combination tool. 1,478,629; Dec. 25.
Bartlett, William A., Baltimore, Md. Trolley. 1,471,135; Oct. 16.
Bartlett, William D., assignor to The Ross Manufacturing Company, Cleveland, Ohio. Holder for wheel dressers. 1,474,614; Nov. 20.
Bartley, Joseph S., Denver, Colo. Grinding mill. 1,457,487; June 5.
Bartley, Victor, and J. B. Worthington, Oklahoma, Okla. Grinding and boring machine. 1,460,342; June 26.
Bartlouney, Sheckry S., Dover, N. H. Vehicle signal. 1,449,258; Mar. 20.
Bartman, Daniel, Larned, Kans. Poultry roost. 1,470,799; Oct. 16.
Bartmann, Ludwig, Berlin, Germany, assignor to N. V. Maatschappij tot Exploitatie van Bartmann Patenten, 's Gravenhage, Netherlands. Feeding device for disintegrating machines or similar working machines. 1,476,868; Dec. 11.
Bartmess, Meigs W., assignor to The National Screw and Manufacturing Company, Cleveland, Ohio. Centrifugally-operated circuit-controlling device. 1,476,790; Dec. 11.
Barto, Alphonso V., Bronxville, N. Y. Carrier. 1,462,897; July 24.
Bartolacelli, Delindo, Daly City, Calif. Padlock. 1,464,194; Aug. 7.
Bartolowsky, Jerome, Oakland, Calif. Harmonica with bellows. 1,448,184; Mar. 13.
Barton, Archilles A., Los Angeles, Calif. Pump piston. 1,441,478; Jan. 9.
Barton, Arthur A., Chicago, Ill. Parachute control. 1,477,163; Dec. 11.
Barton, Charles, Ford City, Ontario, Canada, assignor to Swedish Crucible Steel Company, Detroit, Mich. Electric-wire fixture. 1,458,263; June 12.
Barton, Charles N., assignor of one-fourth to F. N. Reynolds, one-fourth to F. K. Murphy, Indianapolis, Ind., one-twelfth to E. M. Dinnin, New York, N. Y.; one-twelfth to M. E. Davis, and one-twelfth to M. E. Reynolds, Indianapolis, Ind. Sectional journal box and hub liner. 1,442,422; Jan. 16.
Barton, Charles N., assignor of one-fourth to F. N. Reynolds, one-fourth to F. K. Murphy, one-twelfth to M. E. Davis and one-twelfth to M. E. Reynolds, Indianapolis, Ind., and one-twelfth to E. M. Dinnin, New York, N. Y. Sectional journal box and hub liner. 1,462,929; July 24.
Barton, Charles N., Indianapolis, Ind. Cutting link for coal-cutting chains. 1,469,576; Oct. 2.
Barton, George. (See Taft, E. P., and Barton.)
Barton, Jack, Parkmill, near Swansea, Wales. Safety-razor-blade-sharpening device. 1,456,355; May 22.
Barton, Joseph T., and E. J. O'Leary, Chicago, Ill. Printer's type planer. 1,442,038; Jan. 16.
Barton, Kirtland C., National City, Ill. Mat or cloth for oil cakes. 1,466,109; Aug. 28.
Barton, Louis E., and C. J. Kinzie, assignors to The Titanium Alloy Manufacturing Company, Inc., Niagara Falls, N. Y. Separating zircon from undesired substances. 1,451,004; Apr. 10.
Barton, Robert W., Chicago, Ill. Combined flywheel and suction fan. 1,450,936; Apr. 10.
Barton, Robert W., Chicago, Ill. Method of and means for the production and use of steam. 1,450,405; Apr. 3.
Barton, Theodore V., New York, N. Y. Combined foot brake and accelerator-control mechanism for automobiles. 1,457,489; June 5.
Barton, William A., and A. A. De Lewis, Chattanooga, Tenn. Yarn-cleaning device. 1,448,612; Mar. 13.
Bartosz, Joseph A., Turner, Oreg. Flax-puller attachment for binders. 1,451,317; Apr. 10.
Bartram, Edward E., Los Angeles, Calif. Top. 1,469,151; Sept. 25.
Bar-Trex Mfg. Co. Inc. (See Bartlett, John E., assignor.)
Baruch, Samuel, New York, N. Y. Antirattling device for vehicles. 1,470,952; Oct. 15.
Barwald, Mont W., Jacksonville, Fla. Piston. 1,462,501; July 24.
Barwell, John W., J. Ward, N. Nelson, J. Hingher, W. E. Booth, and W. L. Blows, assignors to Blatchford Calf Meal Company, Waukegan, Ill. Feeder for mills. 1,457,490; June 5.
Barwicki, John, New York, N. Y. Rat trap. 1,440,901; Jan. 2.
Barz, Robert H., Stockton, Calif. Headlight lens. 1,453,539; May 1.
Bar-Zim Toy Manufacturing Company. (See Bartholomae, William, assignor.)
Bascom, Perry H. (See Bacon, R. F., Kidwell, and Bascom.)
Basel, Frank, assignor of one-half to P. Halloran, Minneapolis, Minn. Convertible valley and hip composition shingle. 1,461,886; July 17.
Bäseler, Wolfgang, Lichtenchain (Schwarzburg-Rudolstadt), assignor to the Firm of Deutsch-Luxemburgische Bergwerks- und Hutten-Aktiengesellschaft, Dortmund, Germany. Double compound of railway lines. 1,469,145; Sept. 25.
Baseman, Ernest. (See Pollard, A. L., and Baseman.)
Basford, Harold R., San Francisco, Calif. Folding bed frame. 1,476,279; Dec. 4.
Bash, James H., Foxburg, Pa. Brake-operating means. 1,440,902; Jan. 2.
Bash Oil and Refining Company. (See Hoge, Daniel W., assignor.)
Bashara, Joseph F. (See Bashara, Samuel F. and J. F.)
Bashara, Samuel F., Houston, Tex. Drill bit. 1,465,407; Aug. 21.
Bashara, Samuel F., Houston, Tex. Snap hook. 1,468,131; Sept. 18.
Bashara, Samuel F., Houston, Tex. Combination drill bit and core-taking device. 1,477,933; Dec. 18.
Bashara, Samuel F. and J. F., Houston, Tex. Drill bit. 1,477,932; Dec. 18.
Bashara, Samuel F., and C. Paggi, assignors to Texas Reclaim Oil Association, Houston, Tex. Drill bit. 1,477,931; Dec. 18.
Bashara, Samuel F. and J. F., Houston, Tex. Drill bit. 1,476,481; Dec. 4.
Bashaw, William A., Wilkinsonville, Mass. Shuttle spring. 1,466,418; Aug. 28.
Bashford, Raymond I., Cleveland Heights, assignor to The Grasselli Powder Company, Cleveland, Ohio. Polymerizing glycerin. 1,467,299; Sept. 11.
Bashwiner, Charles, Jamaica, assignor to Fort Orange Paper Company, Castleton, N. Y. Display box. 1,454,424; May 8.
Basilio, Gennaro, New Haven, Conn. Combined window-shade bracket and curtain-pole support. 1,452,865; Apr. 24.

Alphabetical list of patentees—Continued.

Basini, Caleb R., Carteret, N. J. Window scaffold. 1,475,780; Nov. 27.
Bass, Andrew J. (See Long, J., and Bass.)
Bass, G. H., & Company. (See Meyer, Paul G., assignor.)
Bass, Jacob. (See Hershcowitz, D., and Bass.)
Bass, Peter, Chicago, Ill. Combination tractor plow. 1,447,273; Mar. 6.
Bass, Rubin, Brooklyn, N. Y. Presser for velour, bolivia, etc. 1,453,697; May 1.
Bass, Walter G., London, England. Theater and like seat, chair, and the like. 1,474,226; Nov. 13.
Bassaler, Pierre, assignor to Houbigant, Inc., New York, N. Y. Combined bottle and cap. Des. 62,315; May 8.
Bassett, Bert L. (See Abbott, C. C., and Bassett.)
Bassett, Charles H., Bridgeport, Conn. Lathe dog. 1,470,346; Oct. 9.
Bassett, Cyrus W. (See Schenck, C., Bassett, and Ibach.)
Bassett, Harry P., Cynthiana, Ky. Acetylizing cellulose. 1,466,329; Aug. 28.
Bassett, Irvin L. (See Abbott, C. C., and Bassett.)
Bassett, Preston R., assignor to The Sperry Gyroscope Company, Brooklyn, N. Y. Means for maintaining the focus of arc projectors. 1,466,419; Aug. 28.
Bassett, Preston R., assignor to E. A. Sperry, Brooklyn, N. Y. Indicating the presence and percentage of hydrogen. 1,467,084; Sept. 4.
Bassett, Robert S., Buffalo, N. Y. Liquid meter. 1,458,965; June 19.
Bassett, Robert S., Buffalo, N. Y. Liquid meter. 1,460,471; July 3.
Bassett, Willard E. (See Abbott, C. C., and Bassett.)
Bassett, William T., Richmond, Va. Fire escape. 1,472,203; Oct. 30.
Bassett, William W., Billings, Mont. Rack. 1,477,416; Dec. 11.
Bassick Company, The. (See Bassick, William R., assignor.)
Bassick Company, The. (See Cummins, Norman W., assignor.)
Bassick Company, The. (See Herold, Walter F., assignor.)
Bassick Company, The. (See Johnson, John A., assignor.)
Bassick Company, The. (See Moore, Raymond G., assignor.)
Bassick Manufacturing Company. (See Bradbury, Clifford C., assignor.)
Bassick Manufacturing Company, The. (See Cummins, Norman W., assignor.)
Bassick Manufacturing Company, The. (See Davis, Ernest W., assignor.)
Bassick Manufacturing Company, The. (See Fesler, Douglas F., assignor.)
Bassick Manufacturing Company, The. (See Manzel, Charles W., assignor.)
Bassick Manufacturing Company, The. (See Skelly, Bernard H., assignor.)
Bassick Manufacturing Company, The. (See Winkley, Frank D., assignor.)
Bassick, William R., assignor to The Bassick Company, Bridgeport, Conn. Automobile hood clamp. 1,462,477; July 24.
Bassler, Carlos J., assignor to American Liquid Meter Company, Portland, Oreg. Fluid meter. 1,458,383; June 12.
Bassler, Carlos J., assignor to American Liquid Meter Company, Portland, Oreg. Controlling device for meters. 1,476,944; Dec. 11.
Bassler, Edwin M., Milwaukee, Wis. Hot-blast heater. 1,476,789; Dec. 11.
Bassler, Edwin M., Milwaukee, Wis. Kiln and burner therefor. 1,457,339; June 5.
Bassler, Edwin M., Milwaukee, Wis. Paper-making machine. 1,470,953; Oct. 16.
Basso, James, jr., Panama, Ill. Steam heater for automobiles. 1,449,741; Mar. 27.
Bastarache, Peter B., Beverly, Mass. Rim tool. 1,449,806; Mar. 27.
Bastheim, Gustave, Pittsburgh, Pa. Pin, brooch, bracelet, finger ring, or article of similar nature. Des. 62,439; June 5.
Bastheim, Gustave, Pittsburgh, Pa. Wrist-watch casing. Des. 62,598; July 3.
Bastian, Arthur J., Wilkinsburg, Pa., assignor to Western Electric & Manufacturing Company. Gear wheel. 1,472,147; Oct. 30.
Bastian-Blessing Company, The. (See Bastian, Charles L., assignor.)
Bastian Bros. Company. (See Mitchel, C. F., and Lechleitner, assignors.)
Bastian, Charles L., assignor to The Bastian-Blessing Company, Chicago, Ill. Sirup jar. 1,461,960; July 17.
Bastian, Edward. (See Groh, George, assignor.)
Bastian, George, assignor of one-half to A. Von Endt, Marion, Ohio. Reed-stoning machine. 1,441,392; Jan. 9.
Bastiansen, Otto, assignor to Wearite Children's Underwear Manufacturing Corporation, Brooklyn, N. Y. Underwaist. 1,454,262; May 8.
Batchelder, Asa F., Scotia, N. Y., assignor to General Electric Company. Mounting for electric motors. 1,462,998; July 24.
Batchell, George W., Wellsburg, W. Va. Leer. 1,473,897; Nov. 13.
Batcheller, Birney C., Brooklyn, N. Y., assignor to Bemis Bro. Bag Co., St. Louis, Mo. Sheet accumulator. 1,467,300; Sept. 11.
Batcheller, Hugh W., assignor of one-half to H. F. Farrell, Worcester, Mass. Antifriction bearing for bicycle crank shafts, etc. 1,457,954; June 5.
Batchelor, Horton, Boston, Mass. Apparatus for generating gas. 1,442,993; Jan. 23.
Bate, James, Ypsilanti, Mich. Die-casting machine. 1,458,795; June 12.
Bate, John W., Racine, Wis. Extension handle. 1,444,448; Feb. 6.
Bate, John W., Racine, Wis. Screw jack. 1,444,447; Feb. 6.
Bate, Warwick G., Newton Falls, Ohio. Spare-tire cover for automobiles. 1,461,021; July 10.
Bateman, Charles E., Minneapolis, Minn. Floor mat. 1,446,328; Feb. 20.
Bateman and Companies, Inc. (See Willis, L., and Woodworth, assignors.)
Bateman, Ennis F., Dallas, Tex. Accelerator for internal-combustion engines. 1,477,683; Dec. 18.
Bateman, Fred. H., Hayward, Calif. Screw-cap feeding and applying machine. 1,446,686; Feb. 27.
Bateman, William M., Newark, Del. Chain link. 1,440,436; Jan. 2.
Batenburg, Peter J. F., assignor to Mitchell Motors Company, Inc., Racine, Wis. Torque-tube mounting. 1,445,125; Feb. 13.
Bates, Adelmer M. (See Hartman, C. H., and Bates.)
Bates, Adelmer M., assignor to Bates Valve Bag Company, Chicago, Ill. Bag-forming-tube package. 1,455,382; May 15.
Bates, Adelmer M., assignor to Bates Valve Bag Company, Chicago, Ill. Making and filling bags. 1,455,383; May 15.
Bates, Adelmer M., assignor to Bates Valve Bag Company, Chicago, Ill. Forming and preparing bag tubes for use in making filled bags. 1,455,384; May 15.
Bates, Adelmer M., assignor to Bates Valve Bag Company, Chicago, Ill. Bag form. Re15,605; May 15.
Bates, Adelmer M., Chicago, Ill. Recording scale. 1,463,770; July 31.
Bates, Albert H., Cleveland Heights, assignor to The American Multigraph Company, Cleveland, Ohio. Embossing machine. 1,448,374; Mar. 13.
Bates, Albert H., Cleveland Heights, assignor to The American Multigraph Company, Cleveland, Ohio. Embossing machine. 1,448,375; Mar. 13.
Bates, Albert J., Chicago, Ill., assignor to Bates Expanded Steel Truss Co., Wilmington, Del. Automatic hydraulic control valve for expanding machines. 1,455,062; May 15.
Bates, Albert J. and W. A., Chicago, Ill., assignors to Bates Expanded Steel Truss Co., Wilmington, Del. Machine for straightening structural members. 1,465,408; Aug. 21.
Bates, Arthur, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening-inserting machine. 1,450,164; Apr. 3.
Bates, Arthur, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 1,469,244; Act. 2.
Bates, Arthur, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 1,472,039; Oct. 30.
Bates, Arthur, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Mechanism for sorting and delivering articles. 1,473,604; Nov. 13.
Bates, Arthur, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe-trimming machine. 1,474,398; Nov. 20.
Bates, Arthur, and W. T. Minett, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Pulling-over machine. 1,453,263; May 1.
Bates, Charles G., Minneapolis, Minn. Uniform standard-form cabinet. 1,446,148; Feb. 20.
Bates, Chester M., Elverson, assignor, by mesne assignments, to Livingood Manufacturing Corporation, Lebanon, Pa. Folding stove. 1,466,463; Aug. 28.
Bates, Eddo V., Lowell, Mass. Point-to-point breast for wool cards. 1,478,630; Dec. 25.
Bates, Edmund C., assignor to The Buckeye Jack Manufacturing Company, Alliance, Ohio. Lifting jack. 1,458,676; June 12.
Bates, Edmund C., assignor to The Buckeye Jack Manufacturing Company, Alliance, Ohio. Lifting jack. 1,446,112; Feb. 20.
Bates Expanded Steel Truss Co. (See Bates, Albert J., assignor.)
Bates Expanded Steel Truss Co. (See Bates, Albert J. and W. A., assignors.)
Bates, Finis L., Memphis, Tenn. Nut lock. 1,447,056; Feb. 27.
Bates, Frank C., Kansas City, Mo. Liquid-vending machine. 1,455,742; May 15.
Bates, George T., assignor to Illinois Watch Case Company, Elgin, Ill. Display box. Des. 63,444; Dec. 4.
Bates, James N. (See Knowles, M. M., and Bates.)
Bates, Langdon B., Thomaston, Me. Knife. 1,451,607; Apr. 10.

Bates, Lindon W., Mount Lebanon, N. Y. Fuel and producing same. 1,447,008; Feb. 27.
Bates, Lindon W., Mount Lebanon, N. Y. Treating stable mobile fuels. 1,444,723; Feb. 6.
Bates Manufacturing Company, The. (See Haupt, William F., assignor.)
Bates, Otis M., Friendship, Tenn. Foldable chicken crate or coop. 1,477,624; Dec. 18.
Bates, Roy, Nevada, Mo. Bank check and check book. 1,453,234; Apr. 24.
Bates, Roy, Nevada, Mo. Check perforator. 1,453,235; Apr. 24.
Bates, Samuel A., St. Louis, Mo. Surgical appliance. 1,470,707; Oct. 16.
Bates, Thomas O., Liverpool, England. Machinery for making wafer biscuits, cup wafers, and similar articles from liquid. 1,460,307; June 26.
Bates Valve Bag Company. (See Bates, Adelmer M., assignor.)
Bates Valve Bag Company. (See Pomeroy, Le Dru R., assignor.)
Bates, Walter A. (See Bates, Albert J. and W. A.)
Bates, Walter A., Enid, Okla. Bearing-race remover. 1,473,075; Nov. 6.
Bath, John, & Co. (See Bath, J., and Gray, assignors.)
Bath, John, & Co. (See Bath, John, assignor.)
Bath, John, Worcester, Mass. Mechanism for grinding taps. 1,469,985; Oct. 9.
Bath, John, assignor to John Bath & Co. Inc., Worcester, Mass. Adjustable gauge. 1,477,531; Dec. 18.
Bath, John, assignor to John Bath & Co., Inc., Worcester, Mass. Adjustable gauge. 1,478,541; Dec. 25.
Bath, John, and H. F. Clifford, Worcester, Mass.; said Clifford assignor to said Bath. Combined reamer and tap. 1,475,561; Nov. 27.
Bath, John, Worcester, and W. E. Gray, Hyde Park, Mass., assignors to John Bath & Co., Inc. Adjustable gauge. 1,476,681; Dec. 11.
Bathke, Henry H., Oconto, Wis. Cheese hoop and follower sterilizing washer. 1,458,384; June 12.
Bathrick, Charles E., assignor to South Bend Motors Company, South Bend, Ind. Unitary transmission and pump for motor-driven fire engines. 1,463,569; July 31.
Bathrick, Charles E. and A. C. Mecklenburg, South Bend, assignors to Stutz Fire Engine Company, Indianapolis, Ind. Automatic relief valve. 1,449,646; Mar. 27.
Batinovich, Joe G. (See Gross, Anton F., assignor.)
Batson, John, Murphysboro, Ill. Combined light support, garment and hat rack. Des. 63,550; Dec. 18.
Battaline, Palmer R., Hartford, Conn. Tire spreader. 1,469,473; Oct. 2.
Batten, Gideon C., Cincinnati, Ohio. Wheelbarrow-handle guard. 1,463,191; July 31.
Battenfeld, Julius J., et al. (See Misner, Edgar D., assignor.)
Batter, Frank, Linnton, Oreg. Portable mountain-air sanitarium. 1,466,652; Aug. 28.
Batter, Frank, Portland, Oreg. Timing apparatus for mountain-air sanitariums. 1,466,653; Aug. 28.
Batterman, David W., Bird in Hand, Pa. Motor vehicle. 1,475,781; Nov. 27.
Battin, Harold T., New York, N. Y. Warning valve. 1,443,830; Jan. 30.
Battista, Joseph, Indianapolis, Ind. Pocket. 1,448,252; Mar. 13.
Battle Creek Bread Wrapping Machine Co. (See Brownell, Charles O., assignor.)
Battle, Mary W., Denver, Colo. Menu-card holder. 1,464,021; Aug. 7.
Batts, John T., Grand Rapids, Mich. Endless-carrier garment-supporting structure. 1,456,963; May 29.
Batts, John T., Grand Rapids, Mich. Packing and shipping case for garments. 1,450,708; Apr. 3.
Batts, John T., Grand Rapids, Mich. Packing and shipping case for garments. 1,455,063; May 15.
Batty, Dudley E. (See Edwards, C. K., and Batty.)
Batty, Elijah H., Lincoln, Nebr. Collapsible automobile tent, garage, or house frame. 1,450,129; Mar. 27.
Baty, Ernest J. (See Cox, K., Kerr, and Baty.)
Bauck, Wesley H., Camden, N. J. Towel rack. 1,476,027; Dec. 4.
Bauder, John, Cincinnati, Ohio. Toy vehicle. 1,443,114; Jan. 23.
Baudino, John, Herrin, Ill. Combined cap and antisplash device for gasoline tanks. 1,470,136; Oct. 9.
Baudino, John, Herrin, Ill. Antisplash device for tanks. 1,477,746; Dec. 18.
Baudot, Joseph, Paris, France. Pump, compressor, and motor. 1,461,998; July 17.
Bauer, August F., Kansas City, Mo. Meat chopper. 1,442,994; Jan. 23.
Bauer & Black. (See Jenkins, William F., assignor.)
Bauer & Black. (See Tainsh, William A., assignor.)
Bauer Brothers Company, The. (See Bauer, Louis E., assignor.)
Bauer Brothers Company, The. (See Maloney, Daniel, assignor.)
Bauer, Carl E., Hammond, Ind. Producing fulcrums. 1,452,489; Apr. 24.
Bauer, Charles, New York, N. Y. Nonbreakable refuse can. 1,453,824; May 1.
Bauer, Ernst, and W. A. Turbayne, assignors to U. S. Light & Heat Corporation, Niagara Falls, N. Y. System of electrical distribution. 1,442,320; Jan. 16.
Bauer, Frederick C., Philadelphia, Pa. Toy railway. 1,472,783; Nov. 6.
Bauer, George J., Pawtucket, and F. B. Carlson, Providence, R. I. Link for expansible bracelets. 1,461,203; July 10.
Bauer, John, Detroit, Mich. Storm shield. 1,455,829; May 22.
Bauer, John, Detroit, Mich. Storm shield. 1,455,830; May 22.
Bauer, John, Detroit, Mich. Storm shield. 1,472,287; Oct. 30.
Bauer, John G. (See Roeling, H. W., Kern, Bauer, and Catalano.)
Bauer, John W. and L. E., Havre de Grace, Md. Can opener. 1,443,783; Jan. 30.
Bauer, Julius J., Chicago, Ill. Building block. 1,450,013; Mar. 27.
Bauer, Lawrence E. (See Bauer, John W., and L. E.)
Bauer, Louis E., assignor to The Bauer Brothers Company, Springfield, Ohio. Attrition mill. 1,468,436; Sept. 18.
Bauer, Martha V., Washington, D. C. Refrigerator. 1,468,098; Sept. 18.
Bauer, Perry S., Chicago, Ill. Steering gear. 1,478,013; Dec. 18.
Bauer, Perry S., Chicago, Ill. Tilting steering wheel. 1,459,493; June 19.
Bauer, Wilhelm, Opladen, near Cologne, assignor to Farbenfabriken vorm. Friedr. Bayer and Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Indigoid vat dye. 1,466,687; Sept. 4.
Bauer, William J., New York, F. O. Wierth, and A. S. Meadoff, Brooklyn, assignors to Queen Automatic Phonograph Co. Inc., New York, N. Y. Tone modulator for phonographs. 1,464,739; Aug. 14.
Bauermeister, Fred E., Columbus, Ohio. Steering-wheel lock. 1,454,663; May 8.
Bauersfeld, Walther, assignor to the Firm of Carl Zeiss, Jena, Germany. Cinematographic apparatus. 1,443,672; Jan. 30.
Bauersfeld, Walther, assignor to the Firm of Carl Zeiss, Jena, Germany. Compensating device for cinematographs. 1,469,474; Oct. 2.
Bauersfeld, Walther, assignor to the Firm Carl Zeiss, Jena, Germany. Copying device. 1,478,693; Dec. 25.
Bauert, William H., Roseville, near Sydney, New South Wales, Australia. Automatic additional air valve for combustion engines. 1,453,236; Apr. 24.
Baughman, Ray W., Los Angeles, Calif. Street-sweeping apparatus. 1,447,336; Mar. 6.
Baughn, Charles O., Belleville, Ark. Headlight-lens holder and antirattler. 1,466,944; Sept. 4.
Baughn, Roscoe N., and J. E. Fulmer, Conway, Ark. Wiring for ignition systems. 1,476,577; Dec. 4.
Bauhaus, Louis B., Santa Barbara, Calif. Valve-grinding apparatus. 1,440,522; Jan. 2.
Baum, Gustav, assignor to the Firm of Chemische Fabrik Weissenstein G. m. b. H., Carinthia, Austria. Anode for forming percompounds. 1,477,099; Dec. 11.
Baum, Harold A., assignor to The Safety Electric Company, Chicago, Ill. Electric-lamp bulb. Des. 62,052; Mar. 13.
Bauman, Arthur E., Akron, Ohio. Resilient wheel. 1,460,783; July 3.
Bauman, Arthur E., Akron, Ohio. Spring tire. 1,462,440; July 17.
Bauman, Carl, Pine Island, Minn. Locomotive. 1,471,089; Oct. 16.
Bauman, Julius C., Miles, Tex. Animal trap. 1,453,615; May 1.
Baumann, Frank J. (See Keller, W. F., and Baumann.)
Baumann, Gottfried P., assignor to Ideal Stitcher & Manufacturing Company, Chicago, Ill. Stitching machine. 1,462,898; July 24.
Baumann, Gustav, Rahway, and J. Hopta, Avenel, N. J. Rotary internal-combustion engine. 1,463,784; Aug. 7.
Baumann, John R., Red Wing, Minn. Rail joint. 1,443,831; Jan. 30.
Baumann, Karl, Urmston, England, assignor to Westinghouse Electric & Manufacturing Company. System of ventilation. 1,453,333; May 1.
Baumann, Karl, Urmston, England, assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company. Air pump for condensers. 1,459,433; June 19.
Baumann, Milton C., assignor to Dayton-Wright Company, Dayton, Ohio. Rudder control. 1,462,531; July 24.
Baumann, Milton C., assignor to Dayton-Wright Company, Dayton, Ohio. Airplane construction. 1,476,438; Dec. 4.
Baumann, Richard, Stuttgart, Germany. Hardness-testing device. 1,465,927; Aug. 28.
Baumeister, William H., Spencer, Iowa. Antiskid chain. 1,478,420; Dec. 25.
Baumer, John C., assignor to H. Strong, Rochester, N. Y. Fruit seeder. 1,466,080; Aug. 28.
Baumer, John C., assignor to H. Strong, Rochester, N. Y. Making needles for fruit seeders. 1,466,081; Aug. 28.
Baumgardner, Carl W., Tiffin, Ohio. Septic tank. 1,458,796; June 12.

Alphabetical list of patentees—Continued.

Baumgardner, Charles R., Kansas City, Mo. Valve. 1,464,022; Aug. 7.
Baumgart, August, Lind, Wash. Life-saving boat. 1,463,662; July 31.
Baumgarten & Co. (See Carroll, Arthur B., assignor.)
Baumgarten, Edward J., Canton, assignor of one-half to The Beans Spring Company, Massillon, Ohio. Die. 1,474,882; Nov. 20.
Baumgartner, Daniel F., Chatfield, Ohio. Tile-perforating mechanism; 1,445,740; Feb. 20.
Baumgartner, John A., South Bend, Ind. Meat-cutting machine. 1,451,674; Apr. 17.
Baumgartner, John A., South Bend, Ind. Meat-cutting machine. 1,451,675; Apr. 17.
Baumgartner, Walter J., assignor to Duplex Engine Governor Company Inc., Brooklyn, N. Y. Internal-combustion engine. 1,473,394; Nov. 6.
Baumhover, Herbert A., Dubuque, Iowa. Wall construction. 1,452,107; Apr. 17.
Baumler, Charles A., Buffalo, assignor to Auto-Wheel Coaster Company, Inc., North Tonawanda, N. Y. Vehicle wheel. 1,443,113; Jan. 23.
Baunach, Charles G. (See Graebert, Rudolph R., assignor.)
Baur, Hugo J., Chicago, Ill., assignor to Johnson Fare Box Company. Universal change maker. 1,465,409; Aug. 21.
Baur, Philip J., Philadelphia, Pa. Batter-weighing machine. 1,478,199; Dec. 18.
Bauret, René, assignor to La Societe: Usines Metallurgiques de la Basse-Loire, Paris, France, Siege Social. Production of basic steel. 1,464,634; Aug. 14.
Bauret, René, assignor to La Société dite: Usines Metallurgiques de la Basse-Loire, Paris, France. Production of basic steel. 1,459,712; June 26.
Baus, Richard E., Detroit, Mich., assignor to The Studebaker Corporation. System for loading automobiles in freght cars. 1,456,173; May 22.
Bausch & Lomb Optical Company. (See Drescher, Theodore B., assignor.)
Bausch & Lomb Optical Company. (See Kandler, E., and Sabel, assignors.)
Bausch & Lomb Optical Company. (See Powell, John R., assignor.)
Bauschard, John H., Erie, Pa. Catch basin. 1,471,819; Oct. 23.
Bausert, Harold C., Brooklyn, N. Y. Electric cooker and melting pot. 1,462,224; July 17.
Baush Machine Tool Company. (See Moore, Francis A., assignor.)
Baush Machine Tool Company. (See Root, Virgil A., assignor.)
Bausman, Alonzo L., assignor to National Equipment Company, Springfield, Mass. Plaque board. 1,458,966; June 19.
Bausman, Alonzo L., Chicopee, assignor to National Equipment Company, Springfield, Mass. Candy-making apparatus. 1,478,866; Dec. 25.
Bausman, Alonzo L., assignor to National Equipment Company, Springfield, Mass. Feeding mechanism for reducing apparatus. 1,478,867; Dec. 25.
Bautz, Jindřich. (See Kriegerbeck, V., and Bautz.)
Bauwens, Seraphine F., Chicago, Ill., assignor to Wirebounds Patents Company. Wire-joining tool. 1,469,711; Oct. 2.
Bauwens, Seraphine F., Chicago, Ill., assignor to Wirebounds Patents Company. Wire-joining tool. 1,476,388; Dec. 4.
Bawden, Fred M. (See Cheetham, Arthur, assignor.)
Baxa, James F., Chicago, Ill. Antiskid device. 1,466,082; Aug. 28.
Baxley, Thomas A., Lawton, Okla. Gas-well capper and casing puller. 1,442,638; Jan. 16.
Baxter, Albert V., assignor to Erasmic Company Limited. Warrington, England. Bottle. Des. 61,840; Jan. 30.
Baxter, Allan, Motherwell, Scotland. Valve for feed-water supply to steam generators and the like. 1,478,320; Dec. 18.
Baxter, Burke M., Cleveland, Ohio, assignor to American Reduction Company, Pittsburgh, Pa. Mechanism for the recovery of paper stock. 1,451,522; Apr. 10.
Baxter, Ernest A., St. Paul's, Ontario, Canada. Hen's nest. 1,452,141; Apr. 17.
Baxter, Ernest W., Van Wert, Ohio. Accelerator for automobiles. 1,470,211; Oct. 9.
Baxter, Francis K., jr., San Francisco, Calif. Cabinet. 1,448,822; Mar. 20.
Baxter, Harold G., Baldwin, N. Y., assignor to Westinghouse Electric & Manufacturing Company. Snap switch. 1,466,266; Aug. 28.
Baxter, Harold G., Baldwin, N. Y., assignor to Westinghouse Electric & Manufacturing Company. Tumbler switch. 1,473,805; Nov. 13.
Baxter, Joseph W., Eugene, Oreg. License plate. 1,476,580; Dec. 4.
Baxter, Kenneth S., assignor to Sheet Steel Products Company, Michigan City, Ind. Vehicle sash door. 1,453,825; May 1.
Baxter, Richard C., E. F. Galloway, and H. E. Gray, assignors of one-fourth to Jones & Davis, Athens, Tenn. Automobile tire holder. 1,476,581; Dec. 4.
Baxter, William C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Cutting machine. 1,469,245; Oct. 2.
Baxter, William L., Beverly, Mass. Shoe or similar article. Des. 62,687; July 24.
Baxter, William W. (See Hellmann, L. F., and Baxter.)
Bay State Optical Company. (See McKinstry, G. W., and Siddall, assignors.)
Bayard, Frederick W., Chester, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treating oils. 1,474,136; Nov. 13.
Bayco Decoy Company. (See Bailey, Joseph K., assignor.)
Bayer, Arthur O., Philadelphia, Pa. Textile fabric. Des. 63,447; Dec. 11.
Bayer, Josef, Barmen, Germany. Seal for hoop-iron ends. 1,474,883; Nov. 20.
Bayerische Motoren Werke Aktiengesellschaft. (See Friz, Max, assignor.)
Bayler, Louis H., Los Angeles, Calif. Valve-spring lifter. 1,445,609; Feb. 13.
Bayles, Lewis C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Column or support for rock drills. 1,450,709; Apr. 3.
Bayles, Lewis C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Air-feed control for rock drills. 1,452,140; Apr. 17.
Bayles, Lewis C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Automatic air-feed and rotation-motor control for rock drills. 1,472,040; Oct. 30.
Bayles, Lewis C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Oiling device for rock drills. 1,472,424; Oct. 30.
Bayles, Lewis C., and F. M. Slater, Easton, Pa., assignors to Ingersoll-Rand Company, Jersey City, N. J. Locking device for independent rotation motors. 1,472,382; Oct. 30.
Bayless, William O., Knoxville, Tenn. Locking device for automobiles. 1,462,999; July 24.
Bayley, Guy L., Chappaqua, N. Y. Transmission. 1,464,691; Aug. 14.
Bayley, Harry P. (See Ross, Mark A., assignor.)
Baylis, Albert W., Bay Shore, N. Y. Bedspread. Des. 63,212; Nov. 6.
Baylis, Albert W., Bay Shore, N. Y. Bedspread. Des. 63,213; Nov. 6.
Baylis, Albert W., Bay Shore, N. Y. Bedspread. Des. 63,214; Nov. 6.
Baylis, Albert W., Bay Shore, N. Y. Bedspread. Des. 63,215; Nov. 6.
Baylis, Albert W., Bay Shore, N. Y. Bedspread. Des. 63,216; Nov. 6.
Baylis Company, The. (See Baylis, Robert N., assignor.)
Baylis, Harry R., Seattle, Wash. Hairpin. 1,450,785; Apr. 3.
Baylis, Robert N., assignor to The Baylis Company, Bloomfield, N. J. Brush-holder retainer. 1,444,363; Feb. 6.
Baylor, William, Lester Manor, Va. Bin. 1,446,609; Feb. 27.
Baynard, William H. (See Eddins, S. A., and Baynard.)
Bayot, Jose M., Urbana, Ill. Intermittent circuit-closing switch. 1,471,512; Oct. 23.
Bazeley, Arthur J., assignor to The National Malleable Castings Company, Cleveland, Ohio. Buffer. 1,476,869; Dec. 11.
Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for marking shoe uppers. 1,448,185; Mar. 13.
Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Folding machine. 1,472,041; Oct. 30.
Beach, Carl A., Denver, Colo. Automobile cabinet. 1,474,704; Nov. 20.
Beach, Chester H., Racine, Wis., assignor to Wisconsin Electric Company. Universal multiple-speed grinder. 1,443,453; Jan. 30.
Beach, Chester H., Racine, Wis., assignor to Wisconsin Electric Company. Valve grinder. 1,471,769; Oct. 23.
Beach, Clarence E., Binghamton, N. Y. Signaling system. 1,467,301; Sept. 11.
Beach, Edgar, assignor of one-half to B. M. Harlow, Caledonia, Nova Scotia, Canada. Spring wheel. 1,449,723; Mar. 27.
Beach, Fitch H. and F. S., Charlotte, Mich. Bucket. 1,453,540; May 7.
Beach, Fitch H. and F. S., Charlotte, Mich. Wheel scraper. 1,458,512; June 12.
Beach, Fred S. (See Beach, Fitch H. and F. S.)
Beach, H. D., Company, The. (See Pfous, Frank, assignor.)
Beach, Harry L., Coshocton, Ohio. Display case. Des. 62,812; Aug. 7.
Beach, Henry L., New York, N. Y. Reminder signal. 1,475,782; Nov. 27.
Beach, Howard L. (See Clark, C. H., and Beach.)
Beach, Howard L., Mount Lebanon, Pa., assignor to Clark Car Company. Control valve. 1,474,756; Nov. 20.
Beach, Mally P., Ridgefield, Conn. Utilitarian toy and doll. 1,442,761; Jan. 16.
Beach, Mally P., Ridgefield, Conn. Headgear. 1,477,934; Dec. 18.
Beach, W. S. (See Farnsworth, A. J., and St. Claire, assignors.)
Beacham, Walter C., Clayton, Mo. Combined door stop and holder. 1,456,114; May 22.

Beacon Motor Lamp Manufacturing Company. (See Rippner, Harry A., assignor.)
Beadle, Ella M., Lyons, N. Y. Combined hemmer and tucker. 1,471,719; Oct. 23.
Beadle, Francis P. H., East Boldre, England. Variable-camber aerofoils for aircraft. 1,457,955; June 5.
Beadle, George W., Stamford, Conn., assignor to International Paper Company. Machine for making tubular article. 1,444,096; Feb. 6.
Beadles, John M., Los Angeles, Calif. Fountain-pen attachment. 1,476,582; Dec. 4.
Beagle, William J., assignor to The Stever-Beagle Corporation, Syracuse, N. Y. Windshield cleaner. 1,445,473; Feb. 13.
Beal, Carroll N. (See Beal, Fay C. and C. N.)
Beal, Fay C. and C. N., San Francisco, Calif. Suspension device for endless tractor flights. 1,443,556; Jan. 30.
Beal, Herman L., Brookline, Mass. Rubber heel and fastening device. 1,448,049; Mar. 13.
Beal, Ralph R., Palo Alto, assignor to A. Taylor, San Francisco, Calif. Radiotelegraphy. 1,473,719; Nov. 13.
Beale, Charles M., Minneapolis, Minn. Collar-retaining device. 1,458,797; June 12.
Beale, James M., Peekskill, N. Y. Life guard for vehicles. 1,464,594; Aug. 14.
Beale, Samuel C., Los Angeles, assignor to H. J. Forgy, trustee, Santa Ana, Calif. Beet-harvesting machine. 1,476,945; Dec. 11.
Beall, Charles R., Swissvale, and R. M. Gilson, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Overload-circuit breaker. 1,475,166; Nov. 27.
Beall, George H. (See McFarland, Joseph E., assignor.)
Beall, John C. W. (See Fuller, Percy W., assignor.)
Beall, William L., Chattanooga, Tenn., assignor to International Harvester Company. Clamp for cultivator tools. 1,461,302; July 10.
Beals, Edward C. (See Ikoma, Frank, assignor.)
Beals, Eugene M., assignor to Universal Visible Calculator Company, Pittsburgh, Pa. Calculator device. 1,446,687; Feb. 27.
Beals, Henry, Noblesville, Ind. Nostril protector. 1,441,906; Jan. 9.
Beam, Edwin C., Newark, N. J., assignor to Motor Starter & Air Pump Company. Compressor. 1,471,820; Oct. 23.
Beam, Frank E., assignor to The Automat Molding & Folding Company, Toledo, Ohio. Molding machine for plastic materials. 1,456,174; May 22.
Beam, Frank E., assignor to The Automat Molding and Folding Company, Toledo, Ohio. Carton. 1,460,124; June 26.
Beam, Frank E., assignor to The Automat Molding and Folding Company, Toledo, Ohio. Package-forming machine. 1,462,566; July 24.
Beam, John T., Sulphur, Okla. Tongs. 1,464,232; Aug. 7.
Beaman, Floyd H., et al. (See Thompson, William, assignor.)
Beaman, Vane. (See Strawmyer, W. A., and Beaman.)
Bean, Frank E., Reasnor, Iowa. Combined car and tractor starter. 1,449,724; Mar. 27.
Bean, Louis A., assignor to C. L. Senter, Denver, Colo. Automatically-controlled spotlight. 1,454,228; May 8.
Bean, Louis A., Denver, Colo. Direction indicator for automobiles. 1,478,542; Dec. 25.
Bean, Roscoe, Berea, Ohio. Refacing tool. 1,460,838; July 3.
Bean Spray Pump Co. (See Cushman, Everett B., assignor.)
Beans, John F., Canton, assignor to The Beans Spring Company, Massillon, Ohio. Automobile bumper. 1,450,165; Apr. 3.
Beans, John F., Canton, assignor to The Beans Spring Company, Massillon, Ohio. Spring forming and quenching machine. 1,457,340; June 5.
Beans Spring Company, The (See Beans, John F., assignor.)
Beans Spring Company, The. (See Baumgarten, Edward J., assignor.)
Bear, Edward, New York, N. Y. Clothesline fastener. 1,463,456; July 31.
Bear & Wilde Company, The. (See Wilde, Eben F., assignor.)
Bearce, Alexis W., Niagara Falls, N. Y., assignor to William A. Rogers, Limited. Display appliance. 1,467,302; Sept. 11.
Beard, Frank A., Columbus, Ohio. Theatrical device. 1,474,576; Nov. 20.
Beard, Harry L., and H. A. Strealy, Lewisburg, W. Va. Chain fastener. 1,476,583; Dec. 4.
Beard, James, Pasadena, Calif. Heater. 1,449,311; Mar. 20.
Beard, James, Pasadena, Calif. Gas heater. 1,449,312; Mar. 20.
Beard, James, Pasadena, Calif. Liver-treating device. 1,464,898; Aug. 14.
Beard, Jasper L. (See Walton, O. J., and Beard.)
Beard, Lawrence O., Lancaster, Pa. Micrometer calipers. 1,452,780; Apr. 24.
Beard, Lawrence O., Lancaster, Pa. Micrometer caliper. 1,462,130; July 17.
Beardslee Chandelier Manufacturing Company. (See Dvorak, Anton, assignor.)
Beardslee Chandelier Manufacturing Company. (See Mettler, John C., assignor.)
Beardsley, Charles S., Canton, Ohio. Razor strop. 1,468,491; Sept. 18.
Beardsley, Elmer O., assignor to The Beardsley & Piper Company, Chicago, Ill. Portable molding machine. 1,472,784; Nov. 6.
Beardsley, Elmer O., and W. F. Piper, assignors to The Beardsley & Piper Company, Chicago, Ill. Molding machine. 1,476,134; Dec. 4.
Beardsley, Elmer O., and W. F. Piper, assignors to The Beardsley & Piper Company, Chicago, Ill. Molding machine. 1,476,135; Dec. 4.
Beardsley, George A., East Orange, and D. Wardell, Newark, N. J., assignors to Hazel-Atlas Glass Company, Wheeling, W. Va. Vacuumizing machine. 1,469,874; Oct. 9.
Beardsley, Paul R., et al., trustees. (See Warren, John R., assignor.)
Beardsley & Piper Company, The. (See Beardsley, E. O., and Piper, assignors.)
Beardsley & Piper Company, The. (See Beardsley, Elmer O., assignor.)
Beardsley & Piper Company, The. (See Friis, P., and Wahlen, assignors.)
Beardsley, Robert, Chicago, Ill. Imitation parchment board and making the same. 1,471,021; Oct. 16.
Beardsley, Robert, Chicago, Ill. Shade holder. 1,471,022; Oct. 16.
Bearings Company of America, The. (See Lehmann, Otto H., assignor.)
Bearman, John, Birmingham, Ala. Wave motor. 1,446,286; Feb. 20.
Bears, Daniel S., assignor to the Firm Reliance Manufacturing Co., Providence, R. I. Belt buckle. 1,464,966; Aug. 14.
Beasley, Jes T. (See Carver, A. J., and Beasley.)
Beasley, John W., jr., Los Angeles, Calif. Aeroplane block for take-off stands. 1,440,812; Jan. 2.
Beasley, Thomas, Merton, England. Surgical truss and the like. 1,473,539; Nov. 6.
Beaton, Angus, Medicine Hat, Alberta, Canada. Animal poke. 1,453,334; May 1.
Beaton, G., & Son, (1919) Limited. (See Wenham, George H., assignor.)
Beatty, Thaddeus C., Lynnville, Iowa. Sanitary roost and nest. 1,447,460; Mar. 6.
Beatty, William E., Bayside, assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and means for secret signaling. 1,454,532; May 8.
Beatty, William E., Bayside, Long Island, assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and means for secret signaling. 1,464,086; Aug. 7.
Beatty, William E., Bayside, assignor to Western Electric Company, Incorporated, New York, N. Y. Repeating method and system. 1,470,954; Oct. 16.
Beatty, William G., Fergus, Ontario, Canada. Wringer. 1,456,529; May 29.
Beatty, William G., Fergus, Ontario, Canada. Transmission gear. 1,466,782; Sept. 4.
Beatty, William T., Flossmoor, Ill. Combination blade extension and wing for road machines. 1,466,464; Aug. 28.
Beauchamp, Archie, et al. (See Forsman, Andrew, assignor.)
Beauchamp, Emil, et al. (See Forsman, Andrew, assignor.)
Beauchamp, Frederick A., Berkeley, Calif. Process and apparatus for recovery of precious metals. 1,451,454; Apr. 10.
Beauchamp, James K., Kansas City, Mo. Oil burner. 1,459,969; June 26.
Beauchamp, Louis H., Weston, Colo. Bird and animal trap. 1,466,520; Aug. 28.
Beaujon, Charles A., Canaan, Conn. Sheet-metal spool. 1,453,826; May 1.
Beaulieu, John, Malden, Mass. Coin bank. 1,441,324; Jan. 9.
Beaumont, R. H., Company. (See Hale, William E., assignor.)
Beaupré, John P., Butte, Mont., assignor of one-third to G. E. Smiley, La Junta, Colo., and one-third to P. E. Beaupré, Butte, Mont. Pump. 1,468,897; Sept. 25.
Beaupré, Phillip E., et al. (See Beaupré, John P., assignor.)
Beauregard, Leander P., Chicopee, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Calendering rubber. 1,469,875; Oct. 9.
Beauregard, Victor, Boston, assignor of one-half to J. Hughes, Somerville, Mass. Egg lifter. 1,464,967; Aug. 14.
Beavan, James F., Binghamton, N. Y. Timer brush. 1,460,937; July 3.
Beaver, Charles J., Hale; Arthur F. W. Richards, Brooklands, and E. A. Claremont, High Legh, assignors to W. T. Glover and Company Limited, Manchester, England. Detective and protective device for electric cables. 1,443,613; Jan. 30.

Beaver Company, The. (See Schlitzer, Frank C., assignor.)
Beaver, Hermann L., Philadelphia, Pa. Steel peb. 1,453,120; Apr. 24.
Beaver Machine & Tool Company. (See Belmont, R. A., and Downing, assignors.)
Beaver Machine & Tool Company. (See Downing, John B., assignor.)
Beaver Machine and Tool Co. (See Pape, Herman G., assignor.)
Beaver Products Company. (See Speer, Alexander S., assignor.)
Beaver Products Company, The. (See Utzman, Clarence W., assignor.)
Beaver Seal Jar Cap Company. (See Beavers, Elmer, assignor.)
Beavers, Elmer, Los Angeles, Calif., assignor to Beaver Seal Jar Cap Company, Norristown, Pa. Fruit-jar cap. Des. 63,551; Dec. 18.
Beavon, Alfred S., Glasgow, Scotland. Apparatus for carbureting air. 1,465,890; Aug. 21.
Bebler, Elwood Los Angeles, Calif. Bomb-projecting gun. 1,478,597; Dec. 25.
Becherer, George, jr., assignor to Empire Stamping Tool & Manufacturing Company, St. Louis, Mo. Compound progressive punch and dies. 1,462,733; July 24.
Bechhold, Heinrich, Frankfort-on-the-Main, Germany. Filter. 1,473,331; Nov. 6.
Bechtel, Albert J., Shaker Heights, assignor to The American Multigraph Company, Cleveland, Ohio. Mechanism for making printing-strip holders. 1,468,271; Sept. 18.
Bechtel, William F., Lehigh, Iowa. Mail-bag catcher. 1,458,022; June 5.
Bechtol, Archie H., and W. A. Tratsch, Memphis, Tenn. Amusement device. 1,454,947; May 15.
Bechtold, Reuben E., and A. W. Mellowes, Detroit, Mich., assignors, by mesne assignments, to Delco-Light Company. Automatic regulating and controlling device. 1,478,421; Dec. 25.
Bechtold, William S., Newark, N. J. Hairpin. 1,450,239; Apr. 3.
Bechtold, William S., Newark, N. J. Mirror, brush, or similar article. Des. 62,562; June 26.
Bechtold, William S., Newark, N. J. Mirror, brush, or similar article. Des. 62,664; July 17.
Beck, Adolf, K. Gersbach, Bitterfeld, and O. H. Weber, Griesheim-on-the-Main, assignors to the Firm: Chemische Fabrik Griesheim-Elektron, Frankfort-on-the-Main, Germany. Casting oxidizable metals. 1,463,609; July 31.
Beck, Albert, Chicago, Ill., assignor to McGill Metal Products Company. Selective change maker. 1,462,679; July 24.
Beck, Andrew L., Orlando, Fla. Calculator. 1,473,948; Nov. 13.
Beck, Arthur R., Ames, assignor of one-half to R. J. Beck, Sioux City, Iowa. Oil can. 1,464,556; Aug. 14.
Beck, Charles C., St. Louis, Mo. Marker for graves and the like. 1,444,449; Feb. 6.
Beck, Charles W., Detroit, Mich. Flexible coupling. 1,458,608; June 12.
Beck, Charles W., assignor to Beck-Frost Corporation, Detroit, Mich. Oil-can holder. 1,458,609; June 12.
Beck, Charles W., assignor to The Beck-Frost Corporation, Detroit, Mich. Priming cup. 1,458,610; June 12.
Beck, Edwin M., Greensburg, Ind. Electroplating anode. 1,474,460; Nov. 20.
Beck, Erasmus W., Griffin, Ga. Pneumatic pump. 1,453,904; May 1.
Beck, Ernest T., assignor to International Silver Company, Meriden, Conn. Spoon or similar article. Des. 63,448; Dec. 11.
Beck, Ernst G. (See Weber, Johann M., assignor.)
Beck, Frank H., Larchmont, N. Y. Pencil-display holder. Des. 62,269; May 1.
Beck, Franklin G., and W. D. Saunders, St. Louis, Md. Railway-gate-actuating apparatus. 1,447,506; Mar. 6.
Beck, Fritz, Nuremberg, Germany. Cerium pocket lighter. 1,462,191; July 17.
Beck-Frost Corporation. (See Beck, Charles W., assignor.)
Beck, Jenie, et al. (See Beck, Peter, assignor.)
Beck, Matthias A., Milwaukee, Wis., assignor to Milwaukee Electric Crane & Mfg. Co., Incorporated, Millbrook, N. Y. Safety-limit switch for electric hoists. 1,454,827; May 8.
Beck, Michael, Minneapolis, Minn. Flying machine. 1,443,519; Jan. 30.
Beck, Michael, Minneapolis, Minn. Fuel vaporizer for explosive engines. 1,472,264; Oct. 30.
Beck, Peter, assignor of one-fourth to M. Jorgenson, one-fourth to J. Jorgeson, and one-fourth to J. Beck, Racine, Wis. Ironing and drying device. 1,441,776; Jan. 9.
Beck, Riley J. (See Beck, Arthur R., assignor.)
Beck, Robert C., Brooklyn, N. Y., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Oil-well heater. 1,477,802; Dec. 18.
Beck, Wesley J., and J. A. Aupperle, assignors to The American Rolling Mill Company, Middletown, Ohio. Corrosion-resistant alloy. 1,449,373; Mar. 27.
Beck, William, Tulsa, Okla. Explosive container. 1,444,998; Feb. 13.
Beck, William E., Dolton, Ill. Automatic window lock. 1,467,564; Sept. 11.
Beck, William M., Elwood, Ind. Track device for automatic train control. 1,461,792; July 17.
Becke, Béla, Farrell, Pa. Fruit crusher. 1,449,933; Mar. 27.
Beckenbauer, Ludwig, Munich, Germany. Adjusting mechanism for calculating machines. 1,474,137; Nov. 13.
Becker, Albert W., Windsor, Conn. Electric lamp. 1,459,083; June 19.
Becker, August M., New York, N. Y. Window cleaner. 1,473,395; Nov. 6.
Becker Bros. (See Becker, Oliver E., assignor.)
Becker, Edmund H. (See Martus, M. L., Ross, and Becker.)
Becker, Edmund H., assignor to The Waterbury Battery Co., Waterbury, Conn. Primary battery. 1,450,059; Mar. 27.
Becker, Edward J., and R. F. Stoeser, Cincinnati, Ohio. Vehicle lifting device. 1,447,373; Mar. 6.
Becker, Edwin, and E. Aber, Racine, Wis. Adjustable metal-ticket changer. 1,461,022; July 10.
Becker, Elizabeth, Dayton, Ohio. Flour sifter. 1,440,861; Jan. 2.
Becker, Emil, assignor to E. G. Bek, Pforzheim, Germany. Auxiliary device for inserting leaves of solder into the joints of the links of wire chains. 1,478,813; Dec. 25.
Becker, Erich, Bad Sooden, Germany. Burner for the thorough combustion of liquid fuel. 1,476,136; Dec. 4.
Becker, Erich, Bad Sooden, Germany. Furnace for liquid fuel. 1,455,186; May 15.
Becker, Frank E., New York, N. Y. Belt buckle. 1,467,703; Sept. 11.
Becker, Fred C., Jeannette, assignor to Westmoreland Specialty Company, Grapeville, Pa. Clamping mechanism. 1,467,992; Sept. 18.
Becker, Frederick W., and J. Lagner, Hyde Park, Mass. Illuminating device for automobiles. 1,454,465; May 8.
Becker, Georg, Magdeburg, Germany. Conveyer-trough. 1,447,507; Mar. 6.
Becker, George. (See Higerd, F. A., and Becker.)
Becker, George D., Saginaw, Mich. Pipe wrench. 1,456,480; May 22.
Becker, Harry E. (See Robertson, W. J., and Becker.)
Becker, Henry. (See Wright, M., and Becker.)
Becker, Howard I., Schenectady, N. Y., assignor to General Electric Company. Amplifier. 1,457,814; June 5.
Becker, Jacob J. (See Ladd, John H., assignor.)
Becker, John A., Nampa, Idaho. Waste receptacle. 1,478,884; Dec. 25.
Becker, John H., Mansfield, Ohio. Grease plug. 1,449,934; Mar. 27.
Becker, Joseph, Houston, Tex. Cabinet. 1,450,575; Apr. 3.
Becker, Joseph, West Hoboken, N. J. Attachment for dental articulators. 1,458,967; June 19.
Becker, Oliver E. (See Halvorsen, Albert J., assignor.)
Becker, Oliver E., Oak Park, assignor to Becker Bros., Chicago, Ill. Brush for electrical machinery and making same. 1,448,511; Mar. 13.
Becker, Max, Los Angeles, Calif. Auto-windshield attachment. 1,452,904; Apr. 24.
Becker, Paul, East Cleveland, Ohio. Window construction. 1,461,023; July 10.
Becker, Theodor, Dusseldorf, Germany. Process and device for producing hollow blocks for manufacturing seamless tubes. 1,455,703; May 15.
Becker, Walter H., Bruneau, Idaho. Individual recording device for shipping purposes. 1,456,583; May 29.
Becker, William. (See Knudtson, Edward G., assignor.)
Beckert, Albert R., Lynn, Mass., assignor to General Electric Company. Supporting device for needles or pointers. 1,467,972; Sept. 11.
Beckert, Frank R., Schenectady, N. Y., assignor to General Electric Company. Electrical apparatus. 1,449,725; Mar. 27.
Becket, Frederick M., Niagara Falls, N. Y., assignor to Union Carbide & Carbon Research Laboratories, Inc. Welding rod. 1,452,781; Apr. 24.
Becket, Frederick M., assignor to Electro Metallurgical Company, Niagara Falls, N. Y. Alloy. 1,461,643; July 10.
Becket, Frederick M., New York, and C. E. McQuigg, Flushing, N. Y., assignors to Electro Metallurgical Co. Chrome-iron sheet or article and making same. 1,454,464; May 8.
Beckett, Arthur L., Okmulgee, Okla. Baseball calendar. 1,443,520; Jan. 30.
Beckett, John R., Somerville, Mass. Truing device for grinding disks. 1,463,033; July 24.
Beckette, Edmund S., East St. Louis, Ill., assignor to Commonwealth Steel Company, St. Louis, Mo. Drawbar pocket. 1,459,276; June 19.
Beckley-Ralston Co., The. (See Rector, Harlan S., assignor.)
Beckman, Herbert S., Los Angeles, Calif. Electric control system for vehicle direction indicators. 1,476,791; Dec. 11.
Beckman, Jacob H., Oakland, Calif. Box handle. 1,472,508; Oct. 30.
Beckman, Jacob H., Oakland, Calif. Water heater. 1,473,002; Nov. 6.

Beckman, Oswald E., Mediapolis, Iowa. Air-vent attachment. 1,447,057; Feb. 27.

Beckmann, Carl. (See Anderson, E. D., and Beckmann.)

Beckmann, Carl, assignor to E. D. Anderson, Inc., New York, N. Y. Labeling machine. 1,446,733; Feb. 27.

Beckmann, Carl, assignor to E. D. Anderson, Inc., New York, N. Y. Feed regulator. 1,463,457; July 31.

Beckmann, Carl, assignor to E. D. Anderson, Inc., New York, N. Y. Corn plaster. 1,476,682; Dec. 11.

Beckmann, Ernst, Berlin-Dahlem, Germany, assignor, by mesne assignments, to The Chemical Foundation, Inc. Preparing a fodder from straw or other materials characterized by their contents of raw fibers. 1,472,319; Oct. 30.

Beckmann, Ernst, Berlin-Dahlem, Germany, assignor, by mesne assignments, to The Chemical Foundation, Inc. Preparing a fodder from straw or other materials characterized by their contents of raw fiber. 1,472,320; Oct. 30.

Beckmann, Ernst, Berlin-Dahlem, Germany, assignor, by mesne assignments, to The Chemical Foundation, Inc. Preparing a fodder from straw or other materials characterized by their contents of raw fibers. 1,472,321; Oct. 30.

Beckmann, Ernst, Berlin-Dahlem, Germany, assignor, by mesne assignments, to The Chemical Foundation, Inc. Preparing a fodder from straw—e. g., of corn or legumes. 1,472,322; Oct. 30.

Beckmann, Ernst, Berlin-Dahlem, Germany, assignor, by mesne assignments, to The Chemical Foundation, Inc. Preparing a fodder from straw, etc. 1,442,321; Jan. 16.

Beckmann, Ernst, Berlin-Dahlem, Germany, assignor, by mesne assignments, to The Chemical Foundation, Inc. Preparing a fodder from straw and similar materials. 1,442,322; Jan. 16.

Beckwith, Arthur C., assignor to Chicago Lubricator Company, Chicago, Ill. Automatic fluid-pressure-controlling device. 1,467,417; Sept. 11.

Beckwith, Arthur C., assignor to Chicago Lubricator Company, Chicago, Ill. Automatic controlling device. 1,467,418; Sept. 11.

Beckwith, Carl F. (See Morrison, Vaughn E., assignor.)

Beckwith, Charley G., Cleveland, and W. E. Davis, Lakewood, Ohio. System of street lighting and apparatus therefor. 1,466,110; Aug. 28.

Beckwith Company. (See Howes, George W., assignor.)

Beckwith, Henry C., assignor to The John F. Byers Machine Company, Ravenna, Ohio. Hoisting machine. 1,450,882; Apr. 3.

Beckwith, Louis. (See Burroughs, Harry E., assignor.)

Beckwith, Louis I. (See Towle, James M., assignor.)

Beckwith, Walter C., Fostoria, Ohio. Safe and vault protector. 1,451,974; Apr. 17.

Becton, Dickinson & Co. (See Schwidetzky, Oscar O. R., assignor.)

Bedaux, Charles E., Cleveland, Ohio. Game apparatus. 1,444,772; Feb. 13.

Beddingfield, John A., Fort Valley, Ga. Automobile tire rim. 1,450,786; Apr. 3.

Beddingfield, William T., Meridian, Miss. Automobile drive gear. 1,470,317; Oct. 9.

Bedell, Charles H., Groton, Conn., assignor to Electric Boat Company. Compensating system for compasses. 1,448,050; Mar. 13.

Bedell, Lester D., Bethlehem, Pa. Apparatus for operating furnace doors. 1,448,480; Mar. 13.

Bedford, Clayton W., assignor to Goodyear Tire & Rubber Company, Akron, Ohio. Accelerator for the vulcanization of caoutchouc substances. 1,477,805; Dec. 18.

Bedford, Clayton W., and R. L. Sibley, assignors to The Goodyear Tire & Rubber Company, Akron, Ohio. Thiocarbanilide derivative. 1,477,803; Dec. 18.

Bedford, Clayton W., and R. L. Sibley, assignors to The Goodyear Tire & Rubber Company, Akron, Ohio. Production of thiocarbanilide. 1,477,804; Dec. 18.

Bedford, Frederick, Stratton, Nebr. Lamp-reflector attachment. 1,453,739; May 1.

Bedford, Reginald A., Sheffield, England. Manufacture of hollow steel or iron bars, tubes, shafts, rock drills, and the like. 1,455,856; May 22.

Bedingfield, Charles H., Maple, assignor to F. C. R. Ansley, St. Catharines, Ontario, Canada. Combined spark intensifier and detector for internal-combustion engines. 1,451,808; Apr. 17.

Bedingfield, John A., Fort Valley, Ga. Automobile tire rim. 1,450,787; Apr. 3.

Bednarz, Edward, Everett, Wash. Signal for vehicles. 1,458,023; June 5.

Bedwin, Clark D., Long Beach, Calif. Valve for automatic water heaters. 1,461,644; July 10.

Bedworth, Robert E. (See Pilling, N. B., and Bedworth.)

Bee, William E., assignor to Palmer-Bee Company, Detroit, Mich. Trolley. 1,447,169; Mar. 6.

Bee, William E., and W. E. Simpson, assignors to Palmer-Bee Company, Detroit, Mich. Trolley switch. 1,447,167; Mar. 6.

Bee, William E. and W. E. Simpson, assignors to Palmer-Bee Company, Detroit, Mich. Crane. 1,447,168; Mar. 6.

Beebe, Albert E., Cathay, N. Dak. Propulsion means for flying machines. 1,464,233; Aug. 7.

Beebe, Albert E., Cathay, N. Dak. Apparatus for marine propulsion. 1,447,527; Mar. 6.

Beebe, Charles S., Tomahawk, Wis. Sled. 1,450,424; Apr. 3.

Beebe, Daniel S., Oak Park, Ill., assignor to The Vitrolite Company, Parkersburg, W. Va. Tool for cutting glass while in a plastic state. 1,457,491; June 5.

Beebe, Gaylord W., Clayton, Ga. Inking device. 1,444,053; Feb. 6.

Beebe, Louis M., Kansas City, Mo. Caster. 1,451,250; Apr. 10.

Beeby, Frank F., assignor to Cement-Gun Construction Company, Chicago, Ill. Conserving and repairing chimneys. 1,469,712; Oct. 2.

Beeby, Frank F., assignor to Cement-Gun Construction Company, Chicago, Ill. Protected pile and making it. 1,476,584; Dec. 4.

Beeby, John H., Ottawa, Ontario, Canada. Oven. 1,461,999; July 17.

Beeby, John H., Ottawa, Ontario, Canada. Gas burner. 1,466,291; Aug. 28.

Beecher, Milton F. (See Jeppson, G. N., and Beecher.)

Beecher, Milton F. (See Klein, A. A., and Beecher.)

Beecher, Milton F., and M. C. Booze, assignors to Norton Company, Worcester, Mass. Ceramic bonded carbide article, and making same. 1,444,162; Feb. 6.

Beecher, Milton F., and M. C. Booze, assignors to Norton Company, Worcester, Mass. Laminated superrefractory article. 1,448,684; Mar. 13.

Beecken, Charles, New York, N. Y. Rope clamp. 1,457,051; May 29.

Beede, Herbert G., Pawtucket, R. I. Ring twisting or spinning device. 1,450,348; Apr. 3.

Beehler, Elmer G., Yuma, Colo. Automotive test unit. 1,452,905; Apr. 24.

Beekman, Ross C., Kansas City, Kans. Sanitary power-driven carpet beater. 1,449,491; Mar. 27.

Beeler, Elvy W., Durango, Colo. Paper trimmer. 1,476,234; Dec. 4.

Beem, John C., Sawtelle, Calif. Milking machine. 1,464,490; Aug. 7.

Beeman Tractor Company. (See Peters, Cornelius A., assignor.)

Beeman Tractor Company. (See Phelps, Spencer H., assignor.)

Beere, Arthur W. (See Clews, C. E., and Beere.)

Beere, Arthur W., assignor to Angle Brace Collapsible Box Company, Limited, Auckland, New Zealand. Wire-bending machine. 1,472,543; Oct. 30.

Beers, Edward C., Rochester, N. Y. Range. 1,457,686; June 5.

Beers, Louis G., assignor to New Jersey Wire Cloth Company, Trenton, N. J. Wire basket and post therefor. 1,464,801; Aug. 14.

Beers, William H., Portland, Oreg. Pipe-bending machine. 1,450,317; Apr. 3.

Beetem, Frank G., Philadelphia, Pa. Radio receiving apparatus. 1,473,417; Nov. 6.

Beezley, Reginald R., Memphis, Tenn. Decarbonizing torch. 1,458,968; June 19.

Begas, Gottfried, Berlin, Germany. Anchor. 1,449,082; Mar. 20.

Beggs, Charles A., Rice Lake, Wis. Dirigible headlight for automobiles and analogous vehicles. 1,477,417; Dec. 11.

Beggs, Henry C., Fort Morgan, Colo. Head gate. 1,453,429; May 1.

Beggs, Leslie W., Wilmington, Del. Garbage destroyer. 1,459,713; June 26.

Begley, William J., Arverne, N. Y. Vehicle signaling device. 1,455,064; May 15.

Bégot, Louis H. E., Paris, France. Metal-piercing apparatus. 1,464,146; Aug. 7.

Begtrup, Frederick L. (See Knapp, E., Dickerson, and Begtrup.)

Behan, Thomas W., Binghamton, N. Y. Clothes wringer. 1,457,419; June 5.

Behan, Thomas W., and H. W. Doughty, Binghamton, N. Y. Driving mechanism for washing machines. 1,476,792; Dec. 11.

Béhar, Manoël F., U. S. Army. Gun and ammunition therefor. 1,470,591; Oct. 16.

Behlen, George A., assignor of one-half to C. C. Rush, Greenville, S. C. Automatic record-transferring mechanism for phonographs. 1,456,614; May 29.

Behn, Adolph and J. G. Schmitt, Brooklyn, N. Y. Power transmission for automotive vehicles. 1,447,746; Mar. 6.

Behnke, Leo R., Childress, Tex. Piston ring. 1,475,783; Nov. 27.

Behr, Leo, assignor to Leeds & Northrup Company, Philadelphia, Pa. Automatic control apparatus. 1,474,884; Nov. 20.

Behrend, Bernard A., Brookline, Mass. Speed-changing mechanism. 1,470,050; Oct. 9.

Behrens, Heinrich, Brunswick, Germany. Device for distributing pulverulent or granular material continuously supplied in a controlled stream. 1,462,847; July 24.

Behrens, Henry G., assignor to Tonk Manufacturing Company, Chicago, Ill. Crate for piano benches and the like. 1,444,651; Feb. 6.

Behrens, Philip H., assignor of one-half to F. E. Jones, San Diego, Calif. Phonograph. 1,446,539; Feb. 27.

Behrens, Richard L. (See Schou, T., and Behrens.)

Behringer, Emil, Brooklyn, N. Y. Radiator. 1,472,954; Nov. 6.

Behringer, Emil, Brooklyn, N. Y. Radiator-pipe hanger 1,472,955; Nov. 6.

Behringer, Grover F., assignor to The American Steel Package Company, Defiance, Ohio. Bung for metallic receptacles. 1,459,903; June 26.

Behringer, Grover F., assignor to The American Steel Package Company, Defiance, Ohio. Bung for metallic receptacles. 1,467,916; Sept. 11.

Behrman, Abraham S. (See Hughes, W. J., and Behrman.)

Behrman, Marcus B., New York, assignor to Lox Seal Corporation, Brooklyn, N. Y. Lather brush. 1,461,344; July 10.

Behrns, Harry, Quinter, Kans. Punctureproof tire. 1,447,009; Feb. 27.

Behrsin, August, Los Angeles, Calif. Oil-drip plate for oil burners. 1,473,203; Nov. 6.

Beidler, Ford E., assignor A. B. C. Laboratories, Inc., New York, N. Y. Liquid-treating instrument. 1,446,029; Feb. 20.

Beierbach, Hans, Mannheim, Germany. Building unit. 1,450,240; Apr. 3.

Beightol, Ward D., Fort Dodge, Iowa. Grease shield for brake drums. 1,473,664; Nov. 13.

Beingessner, Albert, et al. (See Beingessner, Albert J., assignor.)

Beingessner, Albert J., assignor of one-third to A. Beingessner and one-third to A. E. Allen, Calgary, Alberta, Canada. Weed puller. 1,451,455; Apr. 10.

Beisel, William J., Port Richmond, N. Y. Spring wheel. 1,452,782; Apr. 24.

Beisel, William J., Port Richmond, N. Y. Spring wheel. 1,453,541; May 1.

Beisel, William J., Port Richmand, N. Y. Spring wheel. 1,453,542; May 1.

Beisel, William J., Port Richmond, N. Y. Spring wheel. 1,462,441; July 17.

Beisel, William J., Port Richmond, N. Y. Spring wheel. 1,463,192; July 31.

Beitman, Albert B., Cleveland, Ohio. Weather strip. 1,461,079; July 10.

Bek, Ernst G. (See Becker, Emil, assignor.)

Bek, Ernst G. (See Bittrolf, Wilhelm, assignor.)

Bek, Ernst G. (See Weber, Johann M., assignor.)

Bek, Ernst G. (See Weber, J. M., and Betz, assignors.)

Bek, Ernst Gideon, Manufacturing Company. (See Winkler, J., and König, assignors.)

Belair, Albert, Montreal, Quebec, Canada. Shackle. 1,475,256; Nov. 27.

Belais, David, Inc. (See Lautz, Frederick C., assignor.)

Belanger, Albert P. D., Chicago, Ill. Drier. 1,446,869; Feb. 27.

Bélanger, Angus, and F. P. Riches, Montreal, Quebec, Canada. Calipers. 1,460,275; June 26.

Belanger, Cyrille, and J. Caron, Quimby, Me. Railway construction. 1,454,101; May 8.

Belanger, Theodore, assignor to Champlain Silk Mills, Whitehall, N. Y. Spindle for cop tube. 1,447,170; Mar. 6.

Belcher Aerial Manufacturing Company. (See Belcher, Osmond T., assignor.)

Belcher, Daniel, Webster Groves, assignor to Bemis Bro. Bag Company, St. Louis, Mo. Sheet accumulator. 1,458,317; June 12.

Belcher, Donald. (See Eustis, F. A., and Belcher.)

Belcher, Donald. (See Eustis, F. A., Hayward, Schleicher, and Belcher.)

Belcher, Donald, Boston, and F. A. Eustis, Milton, Mass., assignors of one-half to C. P. Perin, New York, N. Y., and one-half to said Eustis. Purifying solutions of iron and recovering metals from such solutions. 1,456,615; May 29.

Belcher, Frederick P. (See Belcher, Walter E., assignor.)

Belcher, Huett J. (See McGreer, R., and Belcher.)

Belcher, Osmond T., Los Angeles, Calif., assignor to Belcher Aerial Manufacturing Company. Rudder and elevator assembly for aeroplanes. 1,452,060; Apr. 17.

Belcher, Walter E., Teulon, Manitoba, Canada, assignor to F. P. Belcher, Winnipeg, Manitoba, Canada. Safety hitch. 1,443,832; Jan. 30.

Belchner, Tilla, et al. (See Harris, Romaine R., assignor.)

Belcia, Ross I., Ged, La. Engine-controlled clutch-releasing means. 1,470,272; Oct. 9.

Beldam, William R., London, England. Semimetallic packing. 1,464,234; Aug. 7.

Belden, Arthur, Harvard, Nebr. Watering device. 1,446,493; Feb. 27.

Belden, Clements G., Baltimore, Md., assignor to The Crown Cork and Seal Company of Baltimore City. Packaging apparatus. 1,455,037; May 15.

Belden, Edward H., assignor, by mesne assignments, to The Willys-Overland Company, Toledo, Ohio. Internal-combustion engine. 1,442,995; Jan. 23.

Belden, Edward H., assignor, by mesne assignments, to The Willys-Overland Company, Toledo, Ohio. Internal-combustion engine. 1,448,781; Mar. 20.

Belden, Edward H., assignor to The Willys-Overland Company, Toledo, Ohio. Tractor. 1,452,262; Apr. 17.

Belden, Edward H., assignor to The Willys-Overland Company, Toledo, Ohio. Steering means for tractors. 1,452,263; Apr. 17.

Belden, Edward H., assignor, by mesne assignments, to The Willys-Overland Company, Toledo, Ohio. Motor vehicle. 1,454,597; May 8.

Belden, Edward H., assignor, by mesne assignments, to The Willys-Overland Company, Toledo, Ohio. Lubricating system. 1,459,815; June 26.

Belden, Edward H., assignor, by mesne assignments, to The Willys-Overland Company, Toledo, Ohio. Brake-control mechanism. 1,464,920; Aug. 14.

Belden, Edward H., assignor, by mesne assignments, to The Willys-Overland Company, Toledo, Ohio. Brake mechanism. 1,468,453; Sept. 18.

Belden, Edward H., assignor to The Willys-Overland Company, Toledo, Ohio. Steering-gear support. 1,474,103; Nov. 13.

Belden, Edward H., assignor, by mesne assignments, to The Willys-Overland Company, Toledo, Ohio. Speedometer. 1,478,372; Dec. 25.

Belden, Edward H., assignor, by mesne assignments, to The Willys-Overland Company, Toledo, Ohio. Frame construction. 1,478,373; Dec. 25.

Belden, Edward H., and H. E. Rhoads, assignors, by mesne assignments, to The Willys-Overland Company, Toledo, Ohio. Wheel-supporting frame structure. 1,442,996; Jan. 23.

Belden, Russell D., assignor to Madison Tire & Rubber Company, Inc., Buffalo, N. Y. Nonskid tire tread. Des. 63,278; Nov. 20.

Belding, Warren S., Philipsburg Borough, Pa. Telescope rifle sight. 1,450,349; Apr. 3.

Belding, Warren S., Philipsburg, Pa. Telescope rifle sight. 1,459,944; June 26.

Beldon, Ben B. (See Hammett, Elbert A., assignor.)

Belford, James A., Dayton, Ohio. Lock-spindle lock. 1,449,967; Mar. 27.

Belger, Otto A. (See Böhmer, Max, assignor.)

Belgian American Coke Ovens Corporation. (See Goffart, Paul, assignor.)

Belin, Edouard, Paris, France. Transmission apparatus. 1,443,066; Jan. 23.

Belisle, Conrad, Manchester, N. H., assignor to Draper Corporation, Hopedale, Mass. Filling-replenishing loom. 1,446,445; Feb. 27.

Béliveau, Frank X., Boutin, Saskatchewan, Canada. Whip holder. 1,447,058; Feb. 27.

Belk, Charles R., Pittsburgh, Pa. Hinge. 1,459,872; June 26.

Belk, Harold F., East St. Louis, Ill. Swing. 1,472,578; Oct. 30.

Belknap, Charles B., Detroit, Mich. Dishwashing apparatus. 1,460,400; July 3.

Belknap, Edwin D., Spring Lake, N. J. Address-printing machine. 1,473,169; Nov. 6.

Bell, Asa L., and T. E. Raines, Shreveport, La. Fishing tool. 1,457,139; May 29.

Bell, Benjamin F. T., Taunton, Mass. Wire-insulation cutter and stripper. 1,452,634; Apr. 24.

Bell, Charles M., Schenectady, N. Y. Cab turret. 1,472,265; Oct. 30.

Bell, Chester A., assignor to General Fire Extinguisher Company, Providence, R. I. Pipe-anchoring means. 1,466,292; Aug. 28.

Bell, Dillwyn M., Chicago, Ill. Key lock. 1,456,584; May 29.

Bell, Edward M., Mill Spring, N. C. Gearless differential. 1,477,236; Dec. 11.

Bell, Ellen W., Los Angeles, Calif. Producing artificial flower petals. 1,458,513; June 12.

Bell, Elwood G., Chicago, Ill. Waterproof cigarette case. 1,462,846; July 24.

Bell, Frank J., Cleveland, Ohio. Electroplating machine. 1,442,514; Jan. 16.

Bell, Frederick J. T., Ashton-under-Lyne, England. Coping carriage. 1,454,206; May 8.

Bell, Frederick J. T. and H. C., Ashton-under-Lyne, England. Rotary lock-stitch sewing machine. 1,469,066; Sept. 25.

Bell, Frederick J. T. and H. C., Mossley, England. Lock-stitch sewing machine. 1,474,138; Nov. 13.

Bell, George, Jesmond, Newcastle-upon-Tyne, England. Metallic rope. 1,465,801; Aug. 21.

Bell, George A., Belmont, N. H. Clutch-lever stop for motor vehicles. 1,448,105; Mar. 13.

Bell, George G., Ashland, Ky. Dental tool. 1,451,809; Apr. 17.

Bell, Godfrey, Los Angeles, Calif. Automobile emergency-brake-lever lock. 1,446,610; Feb. 27.

Bell, Hardy C. (See Bell, Frederick J. T. and H. C.)

Bell, Harry L., and H. G. Coulson, assignors to Coeur d'Alene Hardware & Foundry Co., Incorporated, Wallace, Idaho. Centrifugal pump. 1,475,676; Nov. 27.

Bell, Harvey W., Ardsley-on-the-Hudson, N. Y., assignor to The Beloyt Corporation, Dover, Del. Flexible coupling. Re15,519; Jan. 9.

Bell, Harvey W., Yonkers, N. Y., assignor to The Beloyt Corporation, Dover, Del. Universal joint. 1,450,350; Apr. 3.

Bell, Harvey W., Yonkers, N. Y., assignor to The Beloyt Corporation, Dover, Del. Spring suspension. 1,458,318; June 12.

Bell, Harvey W., Ardsley-on-Hudson, and H. L. Hoyt, jr., Great Neck, N. Y., assignors to The Beloyt Corporation, Dover, Del. Spring shackle. 1,471,473; Oct. 23.
Bell, Hayden N., Chicago, Ill. Alarm attachment for vehicles. 1,443,723; Jan. 30.
Bell, Horace, Erie, Pa. Carrier for containers and the like. 1,459,192; June 19.
Bell, James A. H., Toledo, Ohio. Light-cleaning apparatus. 1,455,773; May 22.
Bell, John E. (See Grace, Lynn J., assignor.)
Bell, John H., South Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Signaling system. 1,461,204; July 10.
Bell, John H., South Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Printing telegraphy. 1,472,453; Oct. 30.
Bell, John T., Redford, Mich. Tractor appliance for trucks. 1,453,782; May 1.
Bell, Leslie G., and M. Grimm, Montreal, Quebec, Canada. Signal. 1,452,455; Apr. 17.
Bell, Lorenzo W., assignor of one-half to W. H. Gatlin, Carrollton, Mo. Hog feeder. 1,443,203; Jan. 23.
Bell, Louis, West Newton, assignor to E. N. Goding, trustee, Newton, Mass. Headlight lens. 1,456,585; May 29.
Bell, Louis, West Newton, assignor to E. N. Goding, trustee, Newton, Mass. Dual supplementing headlight. 1,471,679; Oct. 23.
Bell, Louis, West Newton, and C. A. R. Lundin, Cambridge, Mass. Periscopic system. 1,445,284; Feb. 13.
Bell, Louis, Newton, and W. G. Wolfe, Greenwood, Mass. Photographic lens. 1,446,634; Feb. 27.
Bell Manufacturing Company. (See Belling, Bernard A., assignor.)
Bell, Margaret J., Wellsville, Ohio. Culinary device. 1,440,437; Jan. 2.
Bell, Maurice. (See Agee, Wallace G., assignor.)
Bell, Thomas H., and J. G. Schoenleber, New York, N. Y. Torch. 1,450,908; Apr. 10.
Bell, Thomas H., and J. G. Schoenleber, New York, N. Y. Aeroplane. 1,454,828; May 8.
Bell, Thomas H., New York, and J. G. Schoenleber, Brooklyn, N. Y. Spring rim. 1,454,829; May 8.
Bell, Wilbur, Marengo, Iowa. Stamp-inking pad. 1,455,472; May 15.
Bell, Willard J., Newaygo, Mich. Sifting-testing machine. 1,450,166; Apr. 3.
Bell, William C., Baltimore, Md. Crank shaft and connecting-rod bearing. 1,451,608; Apr. 10.
Bell, William G., Philadelphia, Pa. Tip for crutches. 1,464,057; Aug. 7.
Bell, William M., Portsmouth, Ohio. Automatic cut-off valve mechanism for welding and cutting torches. 1,442,039; Jan. 16.
Bell, William T., Concord, N. H. Link mat. 1,448,907; Mar. 20.
Bellamy, Arthur H. and C. H., Philadelphia, Pa. Manual knitting device. 1,442,040; Jan. 16.
Bellamy, Charles H. (See Bellamy, Arthur H. and C. H.)
Bellamy, Harry T., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Switchboard incandescent lamp. 1,478,014; Dec. 18.
Belleville Casket Co. (See Bien, William J., assignor.)
Belleville, Edwin A. (See Bellville, F., Belleville, and Henderson.)
Belleville Stove and Range Company. (See Schmale, Ernest, assignor.)
Bellew, Ralph D., Lexington, Nebr. Climbing figure toy. 1,441,055; Jan. 2.
Belli, Charles J., Geneva, Switzerland, assignor of one-half to the Firm Societe Anonyme des Ateliers de Secheron, Secheron, near Geneva, Switzerland. Resilient and electrically insulating coupling for electric machines. 1,446,287; Feb. 20.
Belling, Bernard A., assignor to Bell Manufacturing Company, Beaver Dam, Wis. Signpost. 1,466,465; Aug. 28.
Bellinger, Burt J., Dexter, N. Y. Making paper pulp. 1,463,000; July 24.
Bellingham, John, et al. (See McCandlish, William H., assignor.)
Belliss and Morcom, Limited. (See Holliday, Peter A., assignor.)
Bellon, Henry, Chicago, Ill. Eye chaplet. 1,446,446; Feb. 27.
Bellon, Henry, Chicago, Ill. Chaplet. 1,448,186; Mar. 13.
Bellow, Abraham, Leeds, England. Chainstitch sewing machine. 1,466,466; Aug. 28.
Bellows, Philip, assignor to Dampney Company of America, Boston, Mass. Tube-painting machine. 1,455,065; May 15.
Bellows, Walter C., assignor to A. Finestone, Montreal, Quebec, Canada. Soap flaker and distributor. 1,444,773; Feb. 13.
Bellows, Warren S., assignor to Walden-Worcester, Inc., Worcester, Mass. Valve-grinding tool. 1,450,788; Apr. 3.
Bellringer, Sidney M., assignor to Wayne Tool Manufacturing Company, Waynesboro, Pa. Reamer. 1,470,679; Oct. 16.
Belluche, Elmer W., Watertown, Mass., assignor to George R. Swart & Company, Inc., New York, N. Y. Sheet feeder. 1,478,374; Dec. 25.
Belluche, Frank R. (See Upham, B. F., Belluche, and Hornig.)
Belluomini, John V., and A. L. Lucot, Jackson, Calif. Automobile top and windshield coupling. 1,445,064; Feb. 13.
Bellville, Frank, E. A. Belleville, and R. S. Henderson, Twin Falls, Idaho. Gas apparatus. 1,461,377; July 10.
Belmont, Ralph A., New York, N. Y., and J. B. Downing, assignors to Beaver Machine & Tool Company, Newark, N. J. Electric switch. 1,455,985; May 22.
Belnap, Lewie L., Oakland, Calif. Insect trap. 1,455,100; May 15.
Beloyt Corporation, The. (See Bell, Harvey W., assignor.)
Beloyt Corporation, The. (See Bell, H. W., and Hoyt, assignor.)
Belsinger, Samuel P. (See Shurick, Edward P., assignor.)
Belt, Joseph O., Joplin, Mo. Inner-tube protector. 1,468,099; Sept. 18.
Beltrami, Marco, Framingham, Mass. Snow-removing device. 1,449,259; Mar. 20.
Belvoir, Thomas B. (See Kelly, C., and Belvoir.)
Bem, Arthur L., Manitowoc, Wis. Truck. 1,474,811; Nov. 20.
Bemben, Jan. (See Mliczek, Franciszek, assignor.)
Bement, Alburto, Chicago, Ill. Air moistener. 1,456,417; May 22.
Bemis Bro. Bag Co. (See Batcheller, Birney C., assignor.)
Bemis Bro. Bag Company. (See Belcher, Daniel, assignor.)
Bemis, George W., Worcester, Mass. Bellows valve. 1,454,207; May 8.
Bemis, Kenneth E., Minneapolis, Minn. Automobile curtain window frame. 1,441,777; Jan. 9.
Bemis, Ruth, et al., trustees. (See Anderson, Newton M., assignor.)
Bemis, Sarah E., Philadelphia, Pa. Corset. 1,458,319; June 12.
Bemis, Thomas, jr., et al., trustees. (See Anderson, Newton M., assignor.)
Bemis, William J., Schenectady, N. Y. Hook for crane sling chains. 1,459,816; June 26.
Bemisderfer, Harvey O., Hammond, Ind., assignor to Central Railway Signal Company, Pittsburgh, Pa. Railway signal torpedo. 1,452,997; Apr. 24.
Benbow, James D., assignor to Western Wheeled Scraper Company, Aurora, Ill. Controlling mechanism for dump cars. 1,456,049; May 22.
Benbow, James D., assignor to Western Wheeled Scraper Company, Aurora, Ill. Air-controlling valve mechanism. 1,456,050; May 22.
Benbow, James D., assignor to Western Wheeled Scraper Company, Aurora, Ill. Controlling mechanism for dump cars. 1,477,747; Dec. 18.
Bench, Thomas C. (See Mitchell, Charles H., assignor.)
Benckenstein, Charles H., Vinton, La. Tubing spider. 1,460,401; July 3.
Benckenstein, Charles H., Vinton, La. Tubing spider. 1,460,402; July 3.
Bencker, Franz. (See Kuhne, H., and Bencker.)
Benczalski, Wojciech, Hoquiam, Wash. Laundry hanger. 1,457,956; June 5.
Bendall, Robert L., Bournemouth, England. Wall. 1,448,613; Mar. 13.
Bender, Ernest G., and L. F. Graf, assignors to R. A. Cook, Independence, Iowa. Eye-testing device. 1,459,353; June 19.
Bender, Frederic H., assignor to American Steel Foundries, Chicago, Ill. Drawbar yoke. 1,450,167; Apr. 3.
Bender, Frederick W., Cape Charles, Va. Potato-bug and aphis exterminator. 1,457,420; June 5.
Bender, George W., assignor to Mudge & Company, Chicago, Ill. Ventilator. 1,469,577; Oct. 2.
Bender, Henry W., Brooklyn, N. Y. Piston. 1,478,368; Dec. 25.
Bender, Lillian M., San Francisco, Calif. Flesh-reducing garment. 1,478,095; Dec. 18.
Bender, Lonnie S., Kansas City, Mo. Cream lifter. 1,450,789; Apr. 3.
Bender, Lonnie S., Kansas City, Mo. Animal trap. 1,471,090; Oct. 16.
Bender, Robert C., Davenport, Iowa. Shipping card. 1,448,992; Mar. 20.
Bendernagel, William H., Queens, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone transmission system. 1,472,237; Oct. 30.
Bendix, Vincent, Chicago, Ill. Engine starter. 1,466,945; Sept. 4.
Bendix, Vincent, Chicago, Ill. Engine starter. 1,467,602; Sept. 11.
Bendix, Vincent, Chicago, Ill. Engine starter. 1,468,623; Sept. 25.
Bendix, Vincent, Chicago, Ill. Engine starter. 1,475,677; Nov. 27.
Bendix, Vincent, Chicago, Ill. Engine starter. 1,477,863; Dec. 18.
Bendixen, Peter, Davenport, assignor to Bettendorf Company, Bettendorf, Iowa. Journal-box lid. 1,472,785; Nov. 6.
Bendlin, Alfred W., Milwaukee, Wis. Adjustable bracket. 1,460,697; July 3.
Bendlin, Alfred W., Milwaukee, Wis. Ash receiver. 1,468,372; Sept. 18.
Benedek, Victor, Chicago, Ill. Coffeepot. 1,453,489; May 1.

Alphabetical list of patentees—Continued.

Benedict, Arthur E., South Norwalk, Conn. Flush valve. 1,446,329; Feb. 20.
Benedict, Edward. (See Reynolds, Arthur W., assignor.)
Benedict, George H., Chicago, Ill., assignor to Powers Photo Engraving Company, New York, N. Y. Means for cooling photomechanical printing plates. 1,472,454; Oct. 30.
Benedict, George W., assignor to Mid-West Manufacturing Company, Minneapolis, Minn. Sizing tool. 1,476,035; Dec. 4.
Benedict, Hershel A., East Orange, and E. M. Moller, Jersey City, N. J. Electric-circuit-control apparatus. 1,467,748; Sept. 11.
Benedict, Hershel A., East Orange, and E. M. Moller, Jersey City, N. J. Door-closing device and lock. 1,477,992; Dec. 18.
Benedict, Stanley R. (See Bock, J. C., and Benedict.)
Benedict, T. N., Mfg. Co. (See Saunders, Albert F., assignor.)
Benefield, Robert T., Indianapolis, Ind. Permutation lock for automobiles. 1,466,871; Sept. 4.
Beneke & Kropf Mfg. Co. (See Hain, Benjamin T., assignor.)
Benenato, Stella, Phoenix, Ariz. Envelope. 1,453,616; May 1.
Benensohn, Samuel, Chicago, Ill. Powder bag. 1,468,132; Sept. 18.
Benevento, Giuseppe S., Donora, Pa. Hand-embroidery implement. 1,469,353; Oct. 2.
Bengtsson, Bror J., Kallered, Sweden. Holder for cleaning needles for vaporizing burners or the like. 1,478,936; Dec. 25.
Bengy, Gale D. (See Bledsoe, Robert C., assignor.)
Benham, William T., Norwood, Ohio, assignor to The Mosler Lock Company, Covington, Ky. Combination lock. 1,451,036; Apr. 10.
Benish, Edward A., St. Louis, Mo. Carrying tray. 1,441,393; Jan. 9.
Benjamin, Bert R., Oak Park, assignor to International Harvester Company, Chicago, Ill. Machine key. 1,460,222; June 26.
Benjamin, Bert R., Oak Park, and C. Pearson, Chicago, Ill., assignors to International Harvester Company. Automatic pitman. 1,446,111; Feb. 20.
Benjamin, Bert R., Oak Park, W. Webber, La Grange, and C. Pearson, Chicago, Ill., assignors to International Harvester Company. Motor binder. 1,464,740; Aug. 14.
Benjamin, Chester W., Lakewood, assignor to The Wellman-Seaver-Morgan Company, Cleveland, Ohio. Manipulator for rolling mills. 1,447,274; Mar. 6.
Benjamin, Dana H. (See Waream, C. E., and Benjamin.)
Benjamin, Dana H., Cleveland Heights, assignor to The American Laundry Machinery Company, Norwood, Ohio. Hosiery press. 1,440,862; Jan. 2.
Benjamin Eastwood Company. (See Adsit, George, assignor.)
Benjamin Electric Manufacturing Company. (See Benjamin, Reuben B., assignor.)
Benjamin Electric Manufacturing Company. (See Benjamin, R. B., and Detrick, assignors.)
Benjamin Electric Manufacturing Company. (See Benjamin, R. B., and Harris, assignors.)
Benjamin Electric Manufacturing Company. (See Benjamin, R. B., and Phillips, assignors.)
Benjamin Electric Manufacturing Company. (See Clarke, Albert E., assignor.)
Benjamin Electric Manufacturing Company. (See Hopkins, Charles L., assignor.)
Benjamin Electric Manufacturing Company. (See Wolcott, Robeson B., assignor.)
Benjamin Engineering Company, The. (See Benjamin, Merrill G., assignor.)
Benjamin, Ephrem, Denver, Colo. Fluid-operated brake. 1,448,908; Mar. 20.
Benjamin, George H., New York, N. Y. Dehydrating vegetable, animal, and other materials. 1,448,512; Mar. 13.
Benjamin, George H., New York, N. Y. Tunnel kiln. 1,474,616; Nov. 20.
Benjamin, George H., assignor to Anatmos Metals and Furnace Corporation, New York, N. Y. Furnace for melting and casting. 1,462,899; July 24.
Benjamin, George R., Jersey City, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Method of and apparatus for operating synchronous telegraph systems. 1,447,747; Mar. 6.
Benjamin, George R., Jersey City, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Method of and apparatus for operating synchronous telegraph systems. 1,447,748; Mar. 6.
Benjamin, George R., Jersey City, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Automatic telegraph system. 1,461,645; July 10.
Benjamin, Jack, New Kensington, Pa. License-plate holder, tail light, and parking light. 1,457,206; May 29.
Benjamin, John M., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Actuating mechanism for work supports. 1,460,362; July 3.
Benjamin & Johnes. (See Roth, Isidor, assignor.)
Benjamin, Merrill G., Poland, assignor to The Benjamin Engineering Company, Cleveland, Ohio. Governor. 1,474,615; Nov. 20.
Benjamin, Oscar P., assignor to Capitol Brass Works, Detroit, Mich. Combined sink bibb. Des. 62,864; Aug. 14.
Benjamin, Reuben B., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Lamp-shade holder. 1,442,850; Jan. 23.
Benjamin, Reuben B., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Lamp guard. 1,444,054; Feb. 6.
Benjamin, Reuben B., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Electric switch. 1,444,055; Feb. 6.
Benjamin, Reuben B., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Water-gauge-lighting fixture. 1,445,264; Feb. 13.
Benjamin, Reuben B., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Pull switch. 1,449,807; Mar. 27.
Benjamin, Reuben B., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Electric switch. 1,459,494; June 19.
Benjamin, Reuben B., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Automobile lamp. 1,464,166; Aug. 7.
Benjamin, Reuben B., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Electrical connecting device. 1,465,410; Aug. 21.
Benjamin, Reuben B., assignor to Benjam Electric Manufacturing Company, Chicago, Ill. Electric-lighting device. 1,469,034; Sept. 25.
Benjamin, Reuben B., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Electric switch. 1,474,013; Nov. 13.
Benjamin, Reuben B., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Electric bell. 1,474,014; Nov. 13.
Benjamin, Reuben B., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Lamp socket. 1,474,015; Nov. 13.
Benjamin, Reuben B., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Electrical receptacle. 1,476,036; Dec. 4.
Benjamin, Reuben B., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Railway signal lantern. 1,476,037; Dec. 4.
Benjamin, Reuben B., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Electrical connecter device. 1,478,166; Dec. 18.
Benjamin, Reuben B., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Waterproof electric fitting. 1,478,167; Dec. 18.
Benjamin, Reuben B., and E. A. Detrick, assignors to Benjamin Electric Manufacturing Company, Chicago, Ill. Switch. 1,447,171; Mar. 6.
Benjamin, Reuben B., Chicago, Ill., and T. H. Harris, Dayton, Ohio, assignors to Benjamin Electric Manufacturing Company, Chicago, Ill. Electrical switch. 1,447,172; Mar. 6.
Benjamin, Reuben B., Chicago, and P. D. Phillips, Elmhurst, assignors to Benjamin Electric Manufacturing Company, Chicago, Ill. Electric-lamp socket. 1,453,827; May 1.
Benjamins, Israel, Brooklyn, N. Y. Means for securing window sashes in position. 1,460,361; July 3.
Benkö, Rezsö, Budapest, Hungary. Iodine compound and making same. 1,440,813; Jan. 2.
Benner, Arthur M., Olympia, Wash. Drawer. 1,453,121; Apr. 24.
Benner, Harry P. (See Egloff, G., and Benner.)
Benner, James, et al. (See Helm, Emerson B., assignor.)
Benner, Joseph C., Webb City, Mo. Remagnetizing apparatus. 1,444,299; Feb. 6.
Benner, Raymond C. (See French, H. F., and Benner.)
Benner, Raymond C., Bayside, N. Y., assignor to Union Carbide & Carbon Research Laboratories, Inc. Making storage-battery plates. 1,467,749; Sept. 11.
Benner, Stanley J., and C. V. J. Diehl, Hazleton, Pa. Chain-link construction. 1,470,318; Oct. 9.
Bennett, Albert J., Chicago, Ill. Comb cleaner. 1,450,576; Apr. 3.
Bennett, Alexander M., Bellaire, assignor to F. Bennett, Pontiac, Mich. Splint. 1,462,000; July 17.
Bennett, Amos, Chesapeake, Ohio, and J. H. Hatchett, Huntington, W. Va. Sectional rim. 1,455,857; May 22.
Bennett, Ashley C., Minneapolis, Minn. Suction cleaner. 1,461,173; July 10.
Bennett, Ashley C., assignor to I. E. Bennett, Minneapolis, Minn. Air cleaner. 1,461,174; July 10.
Bennett, Ashley C., assignor to I. E. Bennett, Minneapolis, Minn. Carburetor. 1,462,034; July 24.
Bennett, Ashley C., assignor to I. E. Bennett, Minneapolis, Minn. Intake manifold. 1,463,035; July 24.
Bennett, Ashley C., Minneapolis, Minn. Air cleaner. 1,464,741; Aug. 14.
Bennett, Augustus A. (See McWhorter, E. D., and Bennett.)
Bennett, Charles C., Los Angeles, Calif. Distance fare or wage chart. 1,459,176; June 19.
Bennett, Charles W., and L. C. Steele, assignors to American Sheet and Tin Plate Company, Pittsburgh, Pa. Magnetic conveyer. 1,444,999; Feb. 13.

Bennett, Clarence W., New York, N. Y. Steering head for velocipedes. 1,444,774; Feb. 13.

Bennett, Edward O. (See Winks, J. O., and Bennett.)

Bennett, Edwin O., Bakersfield, Calif. Pumping power for wells. 1,467,773; Sept. 11.

Bennett, Frank. (See Bennett, Alexander M., assignor.)

Bennett, Frank S., Schenectady, N. Y., assignor to General Electric Company. Valve mechanism. 1,456,090; May 22.

Bennett, Frank S., Schenectady, N. Y., assignor to General Electric Company. Governing mechanism. 1,471,315; Oct. 16.

Bennett, George R., Pittsburgh, Pa. Mining machine. 1,470,520; Oct. 9.

Bennett, George R., assignor to A. M. Hanauer, Pittsburgh, Pa. Conveying system. 1,444,775; Feb. 13.

Bennett, George W., Cincinnati, Ohio. Gas vent for containers. 1,459,704; June 19.

Bennett Injector Company. (See Wood, A. J., assignor.)

Bennett, Irene E. (See Bennett, Ashley C., assignor.)

Bennett, Jack T., Glasgow, Scotland. Device for use with beds. 1,468,624; Sept. 25.

Bennett, Jackson A., Los Angeles, Calif. Adjustable drainage fitting for water-closets, etc. Re15,595; May 8.

Bennett, James C., Detroit, Mich. Combined primer and gas-saving device. 1,450,883; Apr. 3.

Bennett, John C., et al. (See Haubert, Leo, assignor.)

Bennett, Joseph A., assignor to H. F. Griffin, Cleveland, Ohio. Floating reamer. 1,440,903; Jan. 2.

Bennett, Morris H., Waterbury, Conn., assignor to Scovill Manufacturing Company. Electric furnace. 1,478,375; Dec. 25.

Bennett, Samuel C. (See Gilman, A. S., Bennett, and Kiesling.)

Bennett, Sandy B., San Diego, Calif., and D. M. Hudson, Bend, Oreg. Winding reel. 1,446,410; Feb. 20.

Bennett, Tom M., Irvington, N. Y. Air-moistener attachment for fans. 1,464,401; Aug. 7.

Bennett, William H., Charlotte, N. C. Portable motor-driven meat saw. 1,453,335; May 1.

Bennett, Wilson, Wellington, New Zealand. Making an alloying alloy. 1,441,479; Jan. 9.

Bennett, Wilson, Wellington, New Zealand. Producing a rustless iron alloy. 1,458,568; June 12.

Bennie, George, Bute, Scotland. System of aerial transport. 1,459,495; June 19.

Benningfield, Thomas, Coats, Kans., assignor of one-third to A. Lancaster, Alva, Okla. Signal. 1,464,058; Aug. 7.

Bennington, Earl T., Colonial Heights, Ohio. Rail coupling. 1,454,948; May 15.

Bennington Scale Mfg. Co. (See Tyler, Warren C., assignor.)

Bennitt, William B., Ashton-on-Mersey, England, assignor to Westinghouse Electric & Manufacturing Company. Pawl and ratchet gearing. 1,440,438; Jan. 2.

Benois, Edouard P., Paris, France, assignor to Coty, Inc., New York, N. Y. Bottle. Des. 63,351; Nov. 27.

Benois, Edouard P., Paris, France, assignor to Coty, Inc., New York, N. Y. Bottle. Des. 63,352; Nov. 27.

Benois, Edouard P., Paris, France, assignor to Coty, Inc., New York, N. Y. Paper. Des. 63,353; Nov. 27.

Benois, Edouard P., Paris, France, assignor to Coty, Inc., New York, N. Y. Bottle. Des. 63,354; Nov. 27.

Benoit, Antonio, J. L. Mahieu, and H. H. Duchesne, assignors to Benoit & Mathieu, Montreal, Canada. Amplifier. 1,468,437; Sept. 18.

Benoit, Antonio, J. L. Mathieu, and H. H. Duchesne, assignors to Benoit & Mathieu, Montreal, Quebec, Canada. Amplifier. 1,469,876; Oct. 9.

Benoit, Felix E. (See Thoresen, A. S., and Benoit.)

Benoit & Mathieu. (See Benoit, A., Mathieu, and Duchesne, assignors.)

Benoit and Mathieu. (See Charuest, P., and Duchesne, assignors.)

Benoit & Mathieu. (See Duchesne, H. H., and Charuest, assignors.)

Benoit, Wilfred J., Diacut, and G. L. Pierce, Lowell, Mass. Ring-testing machine. 1,446,149; Feb. 20.

Bensa, Felice, Genoa, Italy. Oxidizing ammonia and recovering acid as alkali-metal salts. 1,458,969; June 19.

Benskin, Harley, Newton, Iowa. Engine. 1,449,726; Mar. 27.

Benson, Aaron. (See Massey, A., and Benson.)

Benson, Andrew, Sterling, Ill. Disk wheel. 1,456,965; May 29.

Benson, Andrew, Sterling, Ill. Resilient tire. 1,456,966; May 29.

Benson, Andrew O., Los Angeles, Calif. Wheel. 1,444,492; Feb. 6.

Benson, Bradley L. (See Winks, John O., assignor.)

Benson, Bradley L. (See Winks, J. O., and Bennett, assignors.)

Benson, Carl, Youman, Colo. Sickle hanger. 1,462,001; July 17.

Benson, Carl N., New York, N. Y., assignor to The Skayef Ball Bearing Company. Bearing mounting. 1,451,523; Apr. 10.

Benson, Cyril L. (See Downey, O. F., and Benson.)

Benson, Edwin P., New York, N. Y. Stub binding and envelope for check books. 1,456,616; May 29.

Benson, Elof, Newton Highlands, assignor of one-half to F. H. Williams, Boston, Mass. Detection of submerged objects. 1,473,332; Nov. 6.

Benson, Ernest, Valley City, N. Dak. Crate. 1,474,508; Nov. 20.

Benson, Harry F. (See Griffiths, F. H., and Benson.)

Benson, Harry F., Holyoke, Mass., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Hydraulic condenser and aspirator. 1,444,097; Feb. 6.

Benson, Harry F., Holyoke, Mass., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Tank pump. 1,444,944; Feb. 13.

Benson, Harry F., Holyoke, Mass., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Steam-heating system. 1,449,742; Mar. 27.

Benson, Henry R., Sedro Woolley, Wash. Choker hook. 1,446,781; Feb. 27.

Benson, Leon C., Philadelphia, Pa. Trombone attachment. 1,453,122; Apr. 24.

Benson, Lewis E., Los Angeles, and T. R. Rose, Calexico, Calif. Transmitting mechanism. 1,445,474; Feb. 13.

Benson, Mary D., New York, N. Y. Combined bib and apron or similar article. Des. 62,270; May 1.

Benson, Matthew P., Troy, and M. M. Wiener, New York, N. Y. Manufacture of brushes. 1,465,919; Aug. 21.

Benson, Ragnar O., Brooklyn, N. Y. Printer's cut or die. Des. 62,875; Aug. 21.

Benson, Robert S., West Paris, Me. Wire-embedding tool. 1,447,059; Feb. 27.

Benson, Thomas, Washington, D. C. Cord tightener for awning operators. 1,472,742; Oct. 30.

Benson, Thomas E. (See Nichols, William B., assignor.)

Benson, Thomas W., assignor to Miller Lock Company, Philadelphia, Pa. Detachable keyhole seal for padlocks. 1,460,472; July 3.

Benson, Victor A., San Jose, Calif. Building construction. 1,451,198; Apr. 10.

Benson, Wade E., Baton Rouge, La. Coal box. 1,458,024; June 5.

Benson, William E., Wilmington, Mass. Method of and apparatus for producing waterproofed receptacles. 1,461,024; July 10.

Bent, Arthur S., Los Angeles, Calif. Conduit. 1,443,162; Jan. 23.

Bent, Leavitt N., Holly Oak, assignor to Hercules Powder Company, Wilmington, Del. Making storage-battery elements. 1,463,864; Aug. 7.

Bentfield, Anton J., Barnum, Minn. Resilient wheel. 1,441,553; Jan. 9.

Bentkamp, August, New York, N. Y. Pompon. 1,475,784; Nov. 27.

Bentley, Alvis R., Phil Campbell, Ala. Portable hayrack. 1,456,356; May 22.

Bentley, Anson J., Niles, Ohio. Freezing can. 1,465,335; Aug. 21.

Bentley, Anson J., Niles, Ohio. Freezing can. 1,465,336; Aug. 21.

Bentley, Frank T., Platteville, Wis. Strainer. 1,460,308; June 26.

Bentley, Jetson O., Schenectady, N. Y. Incense burner. 1,450,790; Apr. 3.

Bentley, John H., et al. (See Brown, William H. A., assignor.)

Bentley, Mollie, Oran, Iowa. Toy building block. 1,440,367; Jan. 2.

Bentley, Oliver D. H., Norfolk, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Counter-rotation turboblower. 1,462,592; July 24.

Bentley, Robert H., assignor to The Hart & Hegeman Manufacturing Company, Hartford, Conn. Electric snap switch. 1,466,267; Aug. 28.

Benton, George W., Conneaut, Ohio. Reenforced D-handle. 1,443,863; Jan. 30.

Benton, Harry O., Bayonne, N. J., assignor to Standard Development Company. Corking machine. 1,469,614; Oct. 2.

Benton, Henry, Elizabethport, N. J. Furnace grate. 1,456,418; May 22.

Bentson, Hans J. (See Stahl, C. E., and Bentson.)

Bentson, Hans J., Kenosha, Wis., assignor, by mesne assignments, to F. C. Austin Machinery Company. Machine for making ditches. 1,467,828; Sept. 11.

Bentson, Victor L., assignor to National Progress Club, San Francisco, Calif. Emblem, button, brooch, fob, or similar article. Des. 62,371; May 15.

Bentz, Harry, Montclair, N. J. Drying apparatus. 1,462,025; July 17.

Benvie, Herbert, Meriden, Conn. Switch for electric irons. 1,470,523; Oct. 9.

Benway, Eugene H. (See Allen, G. N., and Benway.)

Benzine Condensation Co. (See Boecler, Albert, assignor.)

Beran, Albert, Hirschwang, Austria. Rolling mill for manufacturing corrugated pasteboard, sheet metal, and the like. 1,450,351; Apr. 3.

Berard, Remi J., Woonsocket, R. I. Vaporizer for internal-combustion engines. 1,464,899; Aug. 14.

Berardi, John B., Bridgeport, Conn. Automobile tire tread. Des. 61,759; Jan. 9.

Berbecker & Rowland Manufacturing Company. (See Schaefer, William, assignor.)

Berberich, George. (See Berberich, Lorenz and G.)

Berberich, Lorenz and G., Pittsburgh, Pa. Broom. 1,475,620; Nov. 27.

Bercioux, Eugene, New York, N. Y. Machine for facing mouthpieces of musical wind instruments. 1,452,953; Apr. 24.

Bercka, Nilsen, Buenos Aires, Argentina. Artificial teeth. 1,451,005; Apr. 10.

Berczik, John, Daisytown, Pa. Safety railway joint. 1,464,235; Aug. 7.

Berdolt, Frank, Coxsackie, N. Y. Shipping container. 1,444,450; Feb. 6.

Beregh, Theodore J., New York, N. Y. Feed-control-stopping mechanism for paper-folding machines. 1,446,030; Feb. 20.

Bereman, John W., Wichita, Kans. Folding table. 1,455,066; May 15.

Berend, Ludwig, Amoneburg, near Biebrich-on-the-Rhine, Germany. Preparing colloidal metals and metalloids and compounds of same. 1,460,012; June 26.

Berendes, Rudolf, and F. Lange, Elberfeld, assignors to Farbenfabriken vorm. Friedr. Bayer and Co., Leverkussen, near Cologne-on-the-Rhine, Germany. Pharmaceutical product. 1,454,372; May 8.

Berendsen, Henry A., Bangor, Pa. Folding stocking stretcher. 1,465,205; Aug. 14.

Berens, Conrad, jr., New York, N. Y. Medicine dropper. 1,459,354; June 19.

Berenson, Israel, Boston, Mass. Traffic signal. Des. 63,449; Dec. 11.

Berenstein, Frank, Chelsea, assignor to Panther Rubber Manufacturing Company, Stoughton, Mass. Shoe heel. Des. 62,599; July 3.

Berg, Alfred J. (See Clark, Ewen A., assignor.)

Berg, Andrew, assignor to The Coulter & McKenzie Machine Company, Bridgeport, Conn. Wire-chain-making machines. 1,469,173; Sept. 25.

Berg, Carl O., Everett, Mass., assignor to United Metal Seal Company. Machine for providing closures with seals. 1,477,418; Dec. 11.

Berg, Dana, Fort Collins, Colo. Sound box for phonographs. 1,471,233; Oct. 16.

Berg, Elwin H., Everleth, Minn. Weather stripping. 1,440,368; Jan. 2.

Berg, Emil G., Ashburnham, assignor of one-half to C. Hedstrom, Gardner, Mass. Adjustable nut for micrometers. 1,477,935; Dec. 18.

Berg, Franz W. (See Pedersen, Anton, assignor.)

Berg, Fred C., assignor to E. P. Plaugher, Coalinga, Calif. Pump. 1,453,653; May 1.

Berg, Gustaf A., Los Angeles, Calif. Bottle-washing machine. 1,455,774; May 22.

Berg, Hans, assignor to Grand Rapids Chair Company, Grand Rapids, Mich. Buffet. Des. 63,021; Sept. 18.

Berg, John, Pasadena, Calif. Steel eraser. 1,451,938; Apr. 17.

Berg, Julius I., Berg, N. Dak. Patch for pneumatic tires. 1,456,115; May 22.

Berg, Karl A. T., Hoganas, Sweden. Pneumatic tool driven by pulsating air. 1,458,569; June 12.

Berg, Linas, Coleraine, Minn. Driving-box-shoe hanger. 1,473,949; Nov. 13.

Berg, Maurice O., Chicago, Ill. Speed-change worm transmission. 1,463,001; July 24.

Berg, Morris J., St. Paul, Minn. Felt for sewing machines. 1,446,688; Feb. 27.

Berg, Oliver J., Oak Park, Ill. Dispensing device for liquids. 1471,441; Oct. 23.

Berg, Richard O. (See Berg, Simon and R. O.)

Berg, Simon, assignor to Michigan Steel Tube Products Company, Detroit, Mich. Machine for sizing tubing. 1,468,272; Sept. 18.

Berg, Simon and R. O., assignors to Michigan Steel Tube Products Company, Detroit, Mich. Automatic reverser. 1,476,793; Dec. 11.

Berg, Steen A., Bridgeport, Conn. Flushometer. 1,465,575; Aug. 21.

Berg, Werner A. P., Kobe, Japan. Generating mixed gas in twin generators. 1,476,235; Dec. 4.

Bergamo, Louis J., et al. (See Gill, Charles H., assignor.)

Bergander, John F., Chicago, Ill. Phonograph. 1,451,358; Apr. 10.

Berge, Franz R. L., Port Angeles, Wash. Resonance device for banjos. 1,461,596; July 10.

Berge, Joseph, assignor to A C. Spark Plug Company, Flint, Mich. Flexible driving shaft. 1,444,231; Feb. 6.

Berge, Joseph, assignor to A C Spark Plug Company, Flint, Mich. Temperature-compensating means for speedometers. 1,450,909; Apr. 10.

Berge, Joseph, and L. B. Berge, assignors to A. C. Spark Plug Company, Flint, Mich. Electrical connecter for spark plugs. 1,476,028; Dec. 4.

Berge, Louis B. (See Berge, Joseph and L. B.)

Bergen, George B., Milwaukee, Wis. Pencil. 1,467,282; Sept. 4.

Bergen, Harry S., Toledo, Ohio. Workholding device. 1,478,096; Dec. 18.

Bergen, Harry S., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 1,443,163; Jan. 23.

Bergen, Harry S., assignor to Toledo Scale Company, Toledo, Ohio. Scale-platform lifting mechanism. 1,453,376; May 1.

Bergen, Harry S., Toledo, Ohio, assignor to Gardner Machine Company, South Beloit, Ill. Grinding machine. 1,466.872; Sept. 4.

Bergen, William V., and A. C. Shute, Hillsboro, Oreg. Highway signal. 1,467,892; Sept. 11.

Bergens, William J., assignor to The Novelty Patents Company, Chicago, Ill. Extension curtain rod. 1,455,102; May 15.

Bergeon, Paul, Grenoble, France. Steam-heating appliance. 1,450,833; Apr. 3.

Bergeon, Paul, Grenoble, France. Electrical heating apparatus. 1,456,755; May 29.

Berger, Alfred A. R., Brooklyn, N. Y. Shearing device. 1,449,159; Mar. 20.

Berger Bros. Company. (See Rigby, Thomas, assignor.)

Berger, Carl, Karlsbad, Czechoslovakia. Two-cycle internal-combustion engine. 1,461,080; July 10.

Berger, Francis. (See Blanc, M., and Berger.)

Berger, Frank P., et al. (See Carey, Bert C., assignor.)

Berger, Gustav W., and C. Jedele, Newark, N. J. Shield for side cars. 1,457,891; June 5.

Berger, Joseph, New York, N. Y. Resilient vehicle wheel. 1,449,743; Mar. 27.

Berger, Joseph G., and A. G. Gardner, Rayton, Ohio. Combination woodworker's tool. 1,448,187; Mar. 13.

Berger, Joseph P., Uvalde, Tex. Windmill attachment. 1,476,323; Dec. 4.

Berger, Richard G., Bridgeport, Conn. Repressing disk sound records. 1,448,376; Mar. 13.

Berggren, Eric N., Chicago, Ill. Shutter-actuating mechanism. 1,472,786; Nov. 6.

Bergfeld, J. A. (See Cleveland, David P., assignor.)

Bergholz, August F. (See Johnson, C. O., and Bergholz.)

Berglof, Knut, Buffalo, N. Y. Igniter. 1,474,661; Nov. 20.

Berglof, Peter, Isanti, Minn. Dividend washer. 1,450,014; Mar. 27.

Berglund, Gust A., Joliet, Ill. Food-slicing machine. 1,478,200; Dec. 18.

Bergman, Axel G., New York, N. Y., assignor to Elmer Ordnance Corporation, East Orange, N. J. Grenade gun. 1,445,126; Feb. 13.

Bergman, Edward, assignor to C. Brandes, Inc., New York, N. Y. Winding chuck. 1,468,625; Sept. 25.

Bergman, Edward, New York, N. Y., assignor to C. Brandes, Incorporated. Tool for assembling spool heads on electromagnet cores. 1,470,212; Oct. 9.

Bergman, Olof F., Gary, Ind., assignor, by mesne assignments, to J. E. McKenna, Antigo, Wis. Can opener. 1,464,167; Aug. 7.

Bergman, William G., Point Place, Ohio. Recuperator. 1,474,016; Nov. 13.

Bergmann, Theodor, Gaggenau, Germany. Machine pistol. 1,450,834; Apr. 3.

Bergner, Frederick. (See Hockley, Marion J., assignor.)

Bergren, Anton C., Jamestown, N. Y. Yarn cleaner. 1,458,917; June 12.

Bergstein, Samuel, Middletown, Ohio. Paper box. 1,465,411; Aug. 21.

Bergstein, Samuel, assignor to Interstate Folding Box Company, Middletown, Ohio. Paper folding box. 1,461,961; July 17.

Bergstrom, Axel, Hoquiam, Wash., and A. E. Greene, Seattle, Wash., assignors to Greene Process Metal Company, St. Louis, Mo. Ladle hanger. 1,446,031; Feb. 20.

Bergstrom, Carl O., and P. de Clamecy, assignors to B. F. Sturtevant Company, Boston, Mass. Dynamo-electric machine. 1,449,577; Mar. 27.

Bergström, Johan E., Christiania, Norway, assignor to G. Stahle, Stockholm, Sweden. Milling machine. 1,453,654; May 1.

Bergstrom, John, Dupont, Wash. Truck and attachment therefor. 1,475,785; Nov. 27.

Bergström, Jonah E., Christiania, Norway, assignor to G. Stahle, Stockholm, Sweden. Milling machine. 1,456,756; May 29.

Bergvall, Jakob L., assignor of one-half to R. De Trentini, New York, N. Y. Ticket holder. 1,466,924; Sept. 4.

Bergve, Einar, Christiania, Norway. Tooth paste. 1,467,024; Sept. 4.

Berk, F. W. and Company. (See Briscoe, Henry V. A., assignor.)

Berk, William, assignor to American Auto Lamp Co., Inc., New York, N. Y. Lamp support. 1,456,297; May 22.

Berkel, Joseph, New York, N. Y. Wheel rim and tire. paper pulp stock to insure uniform consistency. 1,478,321; Dec. 18.

Berkeley, Laurence J., Milwaukee, Wis., assignor to The P & M Company, Chicago, Ill. Rail anchor. 1,440,523; Jan. 2.

Berkeley, Laurence J., Milwaukee, Wis., assignor to The P & M Company, Chicago, Ill. Rail anchor. 1,440,524; Jan. 2.

Berkeley, Laurence J., Milwaukee, Wis., assignor to The P & M Company, Chicago, Ill. Rail anchor. 1,440,525; Jan. 2.

Berkeley, Laurence J., Milwaukee, Wis., assignor to The P & M Company, Chicago, Ill. Rail anchor. 1,440,526; Jan. 2.

Berkeley, Laurence J., Milwaukee, Wis., assignor to The P & M Company, Chicago, Ill. Rail anchor. 1,462,162; July 17.

Berkeley, Laurence J., Youngstown, Ohio, assignor to The P & M Company, Chicago, Ill. Rail anchor. 1,454,309; May 8.

Berkes, Ernst P., Pfeddersheim, near Worms-on-the-Rhine, Germany. Hollow building tile. 1,462,593; July 24.
Berkey, George P., Wisconsin Rapids, Wis. Treating 1,472,238; Oct. 30.
Berkins, Clarence A., Minneapolis, Minn. Gas generator and burner. 1,444,451; Feb. 6.
Berkins, Clarence A., Minneapolis, Minn. Hydrocarbon burner. 1,444,766; Feb. 6.
Berkley, Oscar V., Barbourville, Ky. Vehicle headlight. 1,451,318; Apr. 10.
Berkley, Richard H., Plainville, Mass., assignor to Whiting & Davis Company. Machine for cutting link mesh. 1,440,762; Jan. 2.
Berkley, Richard H., Plainville, Mass., assignor to Whiting & Davis Company. Blow-out patch. 1,444,579; Feb. 6.
Berkley, Richard H., Plainville, Mass., assignor to Whiting & Davis Company. Machine for making link mesh. 1,478,694; Dec. 25.
Berkowitz, Harry A., Wilkes-Barre, Pa. Ice scraper for rails. 1,464,921; Aug. 14.
Berks Engineering Company, Inc. (See Rahm, Robert C., assignor.)
Berkshire, Clarence R., San Francisco, Calif. Cleaning tool. 1,458,612; June 12.
Berkshire Magneto Company. (See Shaw, E. T., and Petronin, assignors.)
Berkson, Harry, Chicago, Ill. Reversible necktie. 1,456,757; May 29.
Berlien, Corwin M., Burkburnett, assignor of one-half to The Texhoma Oil & Refining Company, Wichita Falls, Tex. Standing valve. 1,451,676; Apr. 17.
Berlien, John, St. Louis, Mo. Steering-wheel lock for automobiles. 1,447,010; Feb. 27.
Berlien, John, St. Louis, Mo. Steering wheel for automobiles and the like. 1,464,635; Aug. 14.
Berlin, George C. (See Sebree, C. H., and Berlin.)
Berliner, Emile, Washington, D. C. Helicopter. 1,472,148; Oct. 30.
Berlow, Harry, New York, N. Y. Holder. 1,445,475; Feb. 13.
Berman, Joseph, Baltimore, Md. Bridle for brooms and similar devices. 1,457,815; June 5.
Berman, Morris, Mattapan, Mass. Clamp. 1,455,067; May 15.
Berman, Morris, assignor to Reliance Metal Spinning & Stamping Company, Brooklyn, N. Y. Socket cover. 1,464,402; Aug. 7.
Berman, Paul, Wilmington, Del. Ash sifter. 1,453,583; May 1.
Berman, Theodore G., Antigo, Wis. Light support. 1,454,147; May 8.
Berman, William O., Camden, N. J. Cap. 1,446,411; Feb. 20.
Bermes, John W. (See Patrick, H. E., Peterson, and Bermes.)
Bernard, Bernard M., Sioux City, Iowa. Combination smoker's set. 1,472,149; Oct. 30.
Bernard, James L., Beaver, Pa. Riveter. 1,463,146; July 24.
Bernard, Joseph F., et al. (See Goldstone, Frederick G., assignor.)
Bernard, Pierre J. H., Montreal, Quebec, Canada. Radiator. 1,460,881; July 3.
Bernard, Roy J., assignor, by mesne assignments, to The Kemper-Thomas Company, Norwood, Ohio. Sign. 1,448,823; Mar. 20.
Bernard, William A., assignor to The William Schollhorn Company, New Haven, Conn. Hand tool. 1,446,540; Feb. 27.
Bernard, William A., assignor to The William Schollhorn Company, New Haven, Conn. Hand tool. 1,475,273; Nov. 27.
Bernardin, Alfred L., deceased, Evansville, Ind.; M. T. Bernardin, administratrix. Bottle cap and making the same. 1,442,597; Jan. 16.
Bernardin, Mary T., administratrix. (See Bernardin, Alfred L.)
Bernardo, Charles L., New York, N. Y. Closure for bottles. 1,473,540; Nov. 6.
Bernat, Adolph and I., Kansas City, Mo. Arch support. 1,456,758; May 29.
Bernat, Isaac. (See Bernat, Adolph and I.)
Bernat, Raoul, Bordeaux, France. Pneumatic jack. 1,454,010; May 1.
Bernau, Frederick W., assignor to Ellis Adding Typewriter Company, Newark, N. J. Locking means for accumulator controls. 1,471,770; Oct. 23.
Bernays, Ely. (See Herz, Gustave L., assignor.)
Berndt, Frank, Galveston, Tex. Elevating and loading device. 1,450,015; Mar. 27.
Berner, August, Nuremberg, Germany. Picking and rock-drilling machine. 1,477,684; Dec. 18.
Bernett, Willis J., Kansas City, Mo. Fuel mixer for explosion motors. 1,447,640; Mar. 6.
Berngartt, Bernard M. and M. M., Baltimore, Md. Dust cap for valve stems. 1,470,319; Oct. 9.
Berngartt, Maurice M. (See Berngartt, Bernard M. and M. M.)
Bernhard, Benjamin S., Boston, Mass. Door closer and check. 1,478,376; Dec. 25.
Bernhard, Benjamin S., Boston, Mass. Door closing and checking mechanism. 1,478,377; Dec. 25.
Bernhard, Hans, Berne, Switzerland. Pencil sharpener. 1,469,432; Oct. 2.
Bernier, Anthime, Montreal, Quebec, Canada. Metal tie and rail chair. 1,441,263; Jan. 9.
Bernier, Leah E., Kelso, Wash. Bed bathing apparatus. 1,451,437; Apr. 10.
Berninghaus, Eugene, Cincinnati, Ohio. Enameling. 1,452,635; Apr. 24.
Berninghaus, Eugene, assignor to The Eugene Berninghaus Company, Cincinnati, Ohio. Barber chair. 1,473,541; Nov. 6.
Berninghaus, Eugene Company, The. (See Berninghaus, Eugene, assignor.)
Berninghaus, Julius A., St. Louis, Mo. Electric heater. 1,466,111; Aug. 28.
Bernstein, Abraham. (See Witsaman, George H., assignor.)
Bernstein, Barnet, Gloucester, Mass. Mothproof bag. 1,463,002; July 24.
Bernstein, Harold, assignor to Samuel Bernstein & Sons, New York, N. Y. Embroidered sleeve panel for children's suits. Des. 61,819; Jan. 23.
Bernstein, Henry A., New York, N. Y. Arch and ankle support. 1,441,907; Jan. 9.
Bernstein, Isaac, Oakland, Calif. Working garment. No. 1,441,622; Jan. 9.
Bernstein, Jake, Athens, Ga. Self-righting signal post. 1,443,204; Jan. 23.
Bernstein, Johann E., Dresden, assignor to the Firm Zündfidibuspatentverwertungsgesellschaft m. b. H., Berlin, Germany. Match. 1,445,476; Feb. 13.
Bernstein, Maurice, San Francisco, Calif. Reenforced plastic container. 1,471,680; Oct. 23.
Bernstein, Samuel, New York, N. Y. Insect-powder gun. 1,451,138; Apr. 10.
Bernstein, Samuel & Sons. (See Bernstein, Harold, assignor.)
Bernstein, William, Jamaica Plain, assignor to Panther Rubber Manufacturing Company, Stoughton, Mass. Mold for rubber heels. 1,465,775; Aug. 21.
Berold, Frederick H., Cincinnati, Ohio. Printing plate and making the same. 1,459,669; June 19.
Berolzheimer, Clarence P., Chicago Heights, Ill. Tip for braid or the like. 1,465,754; Aug. 21.
Berrenberg, Reinold, Boston, Mass. High-vacua pump. 1,476,482; Dec. 4.
Berrer, August, Feuerbach, Germany, assignor to Fortuna Machine Company, New York, N. Y. Skiving machine. 1,458,677; June 12.
Berry, Anna E. (See Berry, Seneca L., assignor.)
Berry, Arthur F., London, England. Electric fuse, heating element, and the like. 1,478,845; Dec. 25.
Berry, Benjamin F., assignor to Berry Machine Company, St. Louis, Mo. Feed table for presses and the like. 1,444,776; Feb. 13.
Berry, Charles H., Detroit, Mich. Compensating gauge. 1,444,098; Feb. 6.
Berry, Charles H., Detroit, Mich. Absolute pressure gauge. 1,444,099; Feb. 6.
Berry, Charles L. (See Quist, John, assignor.)
Berry, Clarence J., Cleveland, Ohio, assignor to General Electric Company. Controlling means. 1,449,212; Mar. 20.
Berry, Cullye T., near Dayton, Ohio. Interchangeable and adjustable sign. 1,455,103; May 15.
Berry, Earl E., assignor to American Road Machinery Company, Inc., Kennett Square, Pa. Scarifier. 1,473,003; Nov. 6.
Berry, Frederick E., Hayes, England. Electric transformer arrangement. 1,467,829; Sept. 11.
Berry, George A., Modesto, Calif. Truss. 1,454,720; May 8.
Berry, George S., et al. (See Kotzebu, Meinhard H., assignor.)
Berry, Gaspard, Brussels, Belgium. Internal-combustion engine. 1,462,848; July 24.
Berry, George W., Wakefield, assignor to Berry Hinge Limited, London, England. Production of hinges and other like articulated articles. 1,456,862; May 29.
Berry, Harold R., Brooklyn, N. Y., assignor to Petroleum Research and By-Products Company, Wilmington, Del. Gas making. 1,453,655; May 1.
Berry, Herbert H., Springfield, Mass. Distributing-box connection for electrical conductors. 1,460,698; July 3.
Berry, Herbert H., London, England. Imitation fire. 1,470,253; Oct. 9.
Berry, Henry J., assignor of one-half to E. S. Bryant, Detroit, Mich. Pump cylinder and valves therefor. 1,476,794; Dec. 11.
Berry Hinge Limited. (See Berry, George W., assignor.)
Berry, Howard, Welwyn, England. Manufacture of artificial stone, cement, or the like. 1,456,667; May 29.
Berry, Jesse H., Arlington, Mass. Windshield ventilator. 1,440,714; Jan. 2.
Berry, Luther T., San Francisco, Calif. Windshield cleaner. 1,464,236; Aug. 7.
Berry Machine Company. (See Berry, Benjamin F., assignor.)
Berry, Reni S. (See Gilman, F. L., and Wilson, assignors.)
Berry, Reni S. (See Rushton, E. T., and Berry.)

Berry, Seneca L., assignor to A. E. Berry, Sunnyvale, Calif. Cooker. 1,445,196; Feb. 13.
Berryman, Grover C., Los Angeles, Calif. Leakproof inner tube. 1,455,775; May 22.
Berryman, William R., Brooklyn, N. Y. Shuttle bobbin. 1,466,521; Aug. 28.
Bertelson, Axel E., Chicago, Ill. Means for obtaining spherical relief in pictures. 1,464,636; Aug. 14.
Berthelon, Edmond, Ax-les-Thermes, France. Furnace. 1,473,665; Nov. 13.
Berthelot, Charles, Paris, France. Utilizing gases containing hydrogen sulphite in the separation of metals. 1,468,988; Sept. 25.
Berthet, Charles, assignor to Muzzy-Lyon Company, Detroit, Mich. Making bearings or the like. 1,441,325; Jan. 9.
Berthet, Georges V. M., Paris, France. Foot arch. 1,470,592; Oct. 16.
Berthiaume, Alvarez. (See Berthiaume, Evariste and A.)
Berthiaume, Evariste and A., St. Hyacinthe, Quebec, Canada, assignors to Ovide Brouillard, Montreal, Quebec, Canada. Rossing machine. 1,465,621; Aug. 21.
Berthier, André V. P. M., Neuilly-sur-Seine, France, assignor to United States Machine Gun Company, Boston, Mass. Firearm. 1,446,635; Feb. 27.
Berthier, André V. P. M., Neuilly-sur-Seine, France, assignor to United States Machine Gun Company, Boston, Mass. Firearm. 1,456,482; May 22.
Berthold, George, Bridgeville, Pa. Nut lock. 1,473,170; Nov. 6.
Bertholini, Giuseppe. (See Merli, C., and Bertolini.)
Bertolini, Giuseppi. (See Merli, Carlo, and Bertolini.)
Bertram, August G., New York, N. Y. Valve-actuating mechanism. 1,477,419; Dec. 11.
Bertram, Jacob P., assignor to Shur-On Optical Company, Inc., Rochester, N. Y. Ophthalmic mounting. 1,440,439; Jan. 2.
Bertrand, Frederic E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole-channeling machine. 1,454,880; May 15.
Bertrand, Frederic E., Lynn, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Wax-thread sewing machine. 1,459,388; June 19.
Bertrand, Frederic E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Thread-waxing device. 1,465,776; Aug. 21.
Bertrand, John A., Los Angeles, assignor, by direct and mesne assignments, of one-half to A. Reed, Los Angeles, and one-half to W. A. Koch, San Francisco, Calif. Abrasive expansion reamer. 1,444,763; Feb. 6.
Bertrand, Leon J. A., Paris, France. Safety clasp for chains of all sizes and collars. 1,467,917; Sept. 11.
Bertsch, John C., Tulsa, Okla. Gas expansion and absorption process and apparatus therefor. 1,452,061; Apr. 17.
Berwick, David, et al. (See Storch, Samuel, assignor.)
Berwick, William H., Syracuse, N. Y. Calculating machine. 1,464,403; Aug. 7.
Berzon, Louis. (See Brezin, J., and Berzon.)
Berzon, Louis, assignor of one-third to himself, one-third to J. Brezin, and one-third to W. Kosakoff, Philadelphia, Pa. Spooling machine. 1,461,205; July 10.
Besaw, Jerry H., Huntington, Mass. Chain connector. 1,464,195; Aug. 7.
Besch, Joseph, Albany, N. Y. Brake-lever handle guard. 1,455,563; May 15.
Bese, John B., Alsen, N. Dak. Road fence. 1,468,553; Sept. 18.
Beselin, Raymond L., Omaha, Nebr. Advertising device. 1,447,749; Mar. 6.
Beskin, Morris, et al. (See Newbauer, Falentine, assignor.)
Beskow, Bernhard M., Miami, Fla. Gulf-stroke register. 1,454,263; May 8.
Beskow, Bernhard M., Miami Beach, Fla. Folding chair. 1,468,872; Sept. 25.
Beskow, Bernhard M., Miami, Fla. Golf-stroke register. 1,470,904; Oct. 16.
Besly, Charles H., & Company. (See Miller, John, jr., assignor.)
Bess, Gustavus, Scappoose, Oreg. Aeroplane. 1,451,415; Apr. 10.
Bessemer Gas Engine Company, The. (See Shepherd, Harold F., assignor.)
Besser, Jesse H. (See Besser, Herman and J. H.)
Besser, Herman and J. H., Alpena, Mich. Door for mixing machines. 1,452,823; Apr. 24.
Bessesen, Alfred N., Minneapolis, Minn. Fluid-pressure device. 1,471,091; Oct. 16.
Bessesen, Alfred N., sr., Minneapolis, Minn. Surgical retractor. 1,456,116; May 22.
Bessesen, Alfred N., Minneapolis, Minn. Fluid-pressure device. 1,476,946; Dec. 11.
Bessette, Francis P., Wichita, Kans. Screen-door insect brush and destroyer. 1,471,585; Oct. 23.
Bessey, James A., jr., Marcellus, N. Y. Switch for controlling ignition circuits. 1,468,793; Sept. 25.
Bessinger, Frank F., Cleveland, Ohio. Piston ring. 1,475,366; Nov. 27.
Bessler, Frank E., Akron, Ohio. Tire. Des. 61,797; Jan. 16.
Bessolo, William L., Long Beach, Calif. Pipe tongs. 1,447,920; Mar. 6.
Bessom, Earl A., assignor to The Wheeler-Schebler Carburetor Co., Indianapolis, Ind. Carburetor. 1,453,490; May 1.
Besson, Frank S., Washington, D. C. Testing bituminous paving mixtures. 1,457,015; May 29.
Besson, Frank S., Washington, D. C. Making bituminous paving mixtures. 1,464,488; Aug. 7.
Bessteel Products Company. (See Herle, Chester A., assignor.)
Best, Albert A., Chicago, Ill. Bushing for radiators. 1,458,678; June 12.
Best, Charles H. (See Banting, F. G., Best, and Collip.)
Best, Clarence L., San Leandro, assignor to The Holt Manufacturing Company, Stockton, Calif. Steering device for track-laying tractors. 1,442,555; Jan. 16.
Best, Frank E., Inc. (See Best, Frank E., assignor.)
Best, Frank E., assignor to Frank E. Best, Inc., Seattle, Wash. Padlock. 1,451,860; Apr. 17.
Best, Frank E., assignor to Frank E. Best, Inc., Seattle, Wash. Key-cutting machine. 1,458,217; June 12.
Best, W. N., Furnace and Burner Corporation. (See Best, William N., assignor.)
Best, William N., Brooklyn, assignor, by mesne assignments, to W. N. Best Furnace and Burner Corporation, New York, N. Y. Fireplace gas heater. 1,447,508; Mar. 6.
Besta, Adalbert, and H. Lent. Duisburg-Ruhrort, Germany. Method of and system for utilizing heat. 1,471,821; Oct. 23.
Bethel, Albert R., Mintola, assignor to Illinois Glass Company, Bridgeton, N. J. Valve mechanism for glass machines. 1,460,363; July 3.
Bethel, Claude, Wilkinsburg, and T. S. Scott, Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company. Current-collecting device. 1,448,377; Mar. 13.
Bethel, Claude, Wilkinsburg, and T. S. Scott, Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company. Current-collecting device. 1,448,378; Mar. 13.
Bethenod, Joseph, Paris, France. High-frequency signaling system. 1,473,921; Nov. 13.
Bethke, Fred, and E. Hicke, Visalia, Calif. Game. 1,458,798; June 12.
Bethke, Harvey R., Milwaukee, Wis. Combination household article. 1,440,904; Jan. 2.
Bethke, Walter, Walburg, Tex. Instrument board and engine brace. 1,450,794; Apr. 3.
Bethlehem Foundry & Machine Company. (See Lehman, John G., assignor.)
Bethlehem Shipbuilding Corporation. (See Neitzel, Frank E., assignor.)
Bethlehem Shipbuilding Corporation, Ltd. (See Neitzel, Frank E., assignor.)
Bethlehem Steel Bridge Corporation. (See Hilpert, Meier G., assignor.)
Bethlehem Steel Company. (See Coffey, John J., assignor.)
Bethlehem Steel Company. (See Comstock, George S., jr., assignor.)
Bethlehem Steel Company. (See Entwisle, E. F., and Howells, assignors.)
Bethlehem Steel Company. (See Entwisle, E. F., Howell, and Leach, assignors.)
Bethlehem Steel Company. (See Fulda, Edward, assignor.)
Bethlehem Steel Company. (See Hilpert, Meier G., assignor.)
Bethlehem Steel Company. (See Hummell, Howard H., assignor.)
Bethlehem Steel Company. (See Lachman, Maurice, assignor.)
Bethlehem Steel Company. (See Madden, James P., assignor.)
Bethlehem Steel Company. (See Morgan, Rees C., assignor.)
Bethlehem Steel Company. (See Schenck, Charles, assignor.)
Bethlehem Steel Company. (See Schenck, C., and Fine, assignors.)
Bethlehem Steel Company. (See Schenck, C., Bassett, and Ibach, assignors.)
Bethlehem Steel Company. (See Underwood, Charles E., assignor.)
Bethlehem Steel Company. (See Wheaton, Ezra A., assignor.)
Bethlehem Steel Company. (See Wilder, Ralph E., assignor.)
Bethlehem Steel Company of New York, Inc. (See Abbott, Franklin E., assignor.)
Bethlehem Steel Products Company. (See Hildebrand, Henry Y., assignor.)
Betteloni, Vittorio, Florence, Italy. Compressed-air water elevator. 1,458,514; June 12.
Bettendorf Company. (See Bendixen, Peter, assignor.)
Bettendorf Company, The. (See Clasen, Claus J. W., assignor.)
Betterly, Roland O. (See Hughes, C. C., and Betterly.)
Bettien, Julius, Baltimore, Md. Means for operating valves. 1,448,720; Mar. 20.
Bettinardi, Anton, Jersey City, N. J. Clothesline clamp. 1,472,042; Oct. 30.
Betts, Arthur L. (See Davis, A., jr., and Betts.)

Betts, Benjamin B., St. Louis, Mo. Rail anticreeper. 1,447,406; Mar. 6.
Betts, Benjamin B., St. Louis, Mo. Rail anticreeper. 1,458,970; June 19.
Betts, Clarence A., and C. S. Ott, Kansas City, Mo. Form-registering box for color printing. 1,443,810; Jan. 30.
Betts, James H., Brightwaters, N. Y. Electrical apparatus for illuminating and decorating Christmas trees and similar uses. 1,456,091; May 22.
Betts, Louis J., Warren, Pa. Traffic marker. 1,469,146; Sept. 25.
Betts Sole Protector Company. (See Betts, William H., assignor.)
Betts, William, Johnson City, N. Y. Vending machine. 1,460,882; July 3.
Betts, William H., assignor to Betts Sole Protector Company, St. Louis, Mo. Combined punching and forming press. 1,457,816; June 5.
Betulander, Gotthilf A., Villastad, and N. G. Palmgren, Stockholm, Sweden, assignors to The Relay Automatic Telephone Company, Limited, London, England. Circuit arrangement for telephone plants. 1,475,562; Nov. 27.
Betz, Charles, St. Louis, Mo. Wall-board seam and fastening strip. 1,471,442; Oct. 23.
Betz, Karl. (See Weber, J. M., and Betz.)
Betz, William G., assignor to Straube Piano Company, Hammond, Ind. Automatic music-roll carrier and centering device for pneumatic musical instruments. 1,444,364; Feb. 6.
Beuc, Jacob. (See Mesker, F. Smith, and Beuc.)
Beucler, Harvey L., Lake Park, Minn. Potato-cutting machine. 1,449,260; Mar. 20.
Beuhler, George, et al. (See Oberjohann, Henry F., assignor.)
Bevan, Alexander, Providence, R. I. Egg beater. 1,461,962; July 17.
Bevan, Edward J., deceased. (See Cross, C. F., and Bevan.)
Bevans, James W., Hackensack, N. J. Child's toothbrush. Des. 63,608; Dec. 25.
Beverly Lights Corporation. (See Ainsworth, George, assignor.)
Beverly Lights Corporation. (See Warman, Percy S., assignor.)
Bevis, Glen D., Marion, Ohio. Air coupling. 1,449,261; Mar. 20.
Beyer, Edward F. (See Ellison, C. F., and Beyer.)
Beyer, Emil, Newark, N. J. Implement for removing jar tops. 1,450,168; Apr. 3.
Beyer, Henry A., Corona, assignor to Paragon Can & Cap Company, Inc., Brooklyn, N. Y. Metal box. 1,464,237; Aug. 7.
Beyl, Emil A., Minneapolis, Minn. Backstop for elevators and the like. 1,462,318; July 17.
Beyland, Sidney A., Long Meadow, assignor, by mesne assignments, to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Telephone system. Re15,636; June 26.
Beynon, Rees, and J. C. Hintz, Chicago, Ill., assignors to Dryden Rubber Company. Adjusting mechanism for trimmers. 1,462,478; July 24.
Beyster, Henry E. (See Abbott, R. E., and Beyster.)
Bezanson, Osborne, assignor to Merrimac Chemical Company, Woburn, Mass. Treating acid sludge. 1,459,084; June 19.
Bezer, Henry, Arlington, N. J Highway-crossing protection. 1,467,303; Sept. 11.
Bharucha, Dosabhoy E., Bombay, India. Propelling attachment for bicycles. 1,442,556; Jan. 16.
Bialick, Michael H., Saginaw, Mich. Cigar holder and ash receptacle. 1,450,910; Apr. 10.
Bialy, Pete. (See Mark, L., and Bialy.)
Bianchi, Alfred A. (See Fenlon, Michael J., assignor.)
Bibb, Otis, Louisville, Ky. Bag closure. 1,463,113; July 24.
Bibolini, Corrado. (See Muzzi, A., Bibolini, and Vincina.)
Bice, Ivor C., Clandeboye, Ontario, Canada. Safety crank. 1,462,002; July 17.
Bickel, Earl S. R., and P. de Barthe, Philadelphia, Pa., assignors, by mesne assignments, to National Society Daughters of the American Colonists, Washington, D. C. Badge or similar emblem. Des. 61,886; Feb. 6.
Bickel, Henry F., Plainfield, N. J., and B. J. Minnier, Watertown, N. Y. Lubricator. 1,446,412; Feb. 20.
Bickel, Henry F., Plainfield, N. J., assignor to New York Air Brake Company. Train-pipe connector. 1,460,364; July 3.
Bickel, Wilhelm, Stuttgart, Germany. Hydraulic oil press. 1,454,721; May 8.
Bickell, George H., Brookline, assignor to The Holtzer-Cabot Electric Company, Roxbury, Mass. Electric gong. 1,471,878; Oct. 23.
Bicker, Edgar B., St. Louis, Mo. Die for making and securing sheet-metal hinges. 1,447,200; Mar. 6.
Bicker, Edgar B., St. Louis, Mo. Hinge. 1,461,175; July 10.
Bickers, Hubert C., et al. (See Downey, Charles M., assignor.)
Bickett, Leroy M., Watertown, Wis. Mold for rubber mats, etc. 1,453,123; Apr. 24.
Bickford, A. M., & Sons, Limited. (See Hendry, James, assignor.)
Bickham, Alla B., Lenoir, La. Baby home. 1,449,968; Mar. 27.
Bickley, Ross M., assignor to Heyl & Patterson, Inc., Pittsburgh, Pa. Picking table. 1,473,333; Nov. 6.
Biczak, Walter, assignor of one-half to C. Frederick, Hamilton, Ontario, Canada. Keyless lock. 1,456,530; May 29.
Biddinger, Frank E., Nashville, Tenn. Ice-cutting implement. 1,474,343; Nov. 20.
Biddle, Benjamin J., Montville, N. J. Combination tool. 1,455,564; May 15.
Biddle-Gaumer Company. (See Dusseau, Thomas L., assignor.
Biddlecombe, Frank G. L. (See Chapman, A. W., and Biddlecombe, assignor.)
Bidwell, George L., Riegelsville, Pa. Cylinder paper-making machine. 1,463,544; July 31.
Bidwell, Paul W., Easthampton, assignor to B. F. Perkins & Son, Inc., Holyoke, Mass. Apparatus for testing and recording the strength of materials. 1,448,782; Mar. 20.
Bidwell, Paul W., Easthampton, assignor to B. F. Perkins & Son, Inc., Holyoke, Mass. Cloth-piling machine. 1,478,846; Dec. 25.
Biebusch, William H. (See Carty, Frank, assignor.)
Biederman, Charles H., assignor of one-half to The O. Armleder Company, Cincinnati, Ohio. Cranking means for starting internal-combustion motors. 1,444,864; Feb. 13.
Biegler, Edward N., Chicago, Ill. Building construction. 1,472,956; Nov. 6.
Biehl, Bernard, sr. (See Harding, T., and Biehl.)
Biel, A. J. (See Pennell, Edwin R., assignor.)
Biele, Carl F., Montclair, N. J. Adjustable jamb unit. 1,458,025; June 5.
Bieler, Oscar, Pittsburgh, Pa. Car-unloading apparatus. 1,469,246; Oct. 2.
Bielhen, Henry G., St. Joseph, Mo. Kafir-corn harvester. 1,445,383; Feb. 13.
Bielitz, Charles C., Brooklyn, N. Y. Signal for automobiles. 1,456,967; May 29.
Bien, William J., assignor to Belleville Casket Co., Belleville, Ill. Burial casket. 1,471,023; Oct. 16.
Bieneck, Joseph, San Antonio, Tex. Trench defense. 1,461,963; July 17.
Bienenstok, Edgar A., assignor to Milwaukee Tank Works, Milwaukee, Wis. Oil-vapor burner. 1,446,150; Feb. 20.
Bienenstok, Edgar A., assignor to Milwaukee Tank Works, Milwaukee, Wis. Portable liquid pump for oil containers. 1,450,406; Apr. 3.
Bienville Manufacturing Company. (See Madere, Ernest H., assignor.)
Bierbaum, John H., et al. (See Hachmann, Frederick, assignor.)
Bierbaum, John H., et al. (See Hachmann, F., and Sickmann, assignors.)
Bierbrauer, Paul, and I. D. Peters, Wausau, Wis., Headlight dimmer. 1,460,309; June 26.
Bierman, F. H., et al. (See Strite, George T., assignor.)
Bierman, Frank H., Minneapolis, Minn. Lawn-mower-sharpening machine. 1,444,100; Feb. 6.
Bierman, Harry C., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Composite article and forming the same. 1,440,440; Jan. 2.
Biersach, Paul C., Milwaukee, Wis. Grave marker. 1,466,112; Aug. 28.
Bierschbach, Leander, Mount Pleasant, Mich. Safety attachment for tractors. 1,453,264; May 1.
Biersdorf, Mathew F., Los Angeles, Calif. Liquid sprayer. 1,470,111; Oct. 9.
Biffle, George T., Nashville, Tenn. Compartment mail box. 1,445,658; Feb. 20.
Biflex Products Company. (See Ericson, Melvin B., assignor.)
Biflex Products Company. (See Ericson, Willard E., assignor.)
Bigby, Louis I. M., and J. R. Meikle, assignors to Thomas Meadows & Co. Limited, London, England. Packing case. 1,469,615; Oct. 2.
Bigelow, Ellsworth L., assignor of one-half to L. O. Bigelow, Pittsburgh, Pa. Wheel. 1,444,452; Feb. 6.
Bigelow, Frank B., assignor to Murphy Iron Works, Detroit, Mich. Furnace sectional dead grate with brick inserts. 1,455,858; May 22.
Bigelow, Frank B., assignor to Murphy Iron Works, Detroit, Mich. Suspended arch construction for furnaces. 1,463,240; July 31.
Bigelow, Frank B., assignor to Murphy Iron Works, Detroit, Mich. Arch construction for furnaces. 1,463,241; July 31.
Bigelow, Lewis O. (See Bigelow, Ellsworth L., assignor.)
Bigelow, Roy S., assignor to Goodman Manufacturing Company, Chicago, Ill. Drier-car-handling apparatus. 1,469,376; Oct. 2.
Bigelow-Hartford Carpet Company. (See Enis, Joseph, assignor.)
Bigelow-Hartford Carpet Company. (See Sauer, Emil G., assignor.)
Biggam, Harry F., assignor to The Biggam Trailer Co., Milwaukee, Wis. Trailer coupling. 1,460,839; July 3.
Biggam Trailer Co., The. (See Biggam, Harry F., assignor.)

Biggs, Benjamin, Seattle, Wash. Ventilator attachment for ranges. 1,463,242; July 31.
Biggs Boiler Works Company, The. (See Holloway, Le Roy P., assignor.)
Biggs, Carl R. (See Biggs, Earl R. and C. R.)
Biggs, Earl R. and C. R., Clinton, Ind. Electric-circuit support. 1,466,925; Sept. 4.
Biggs, John M., Helena, Ark. Attachment for furniture. 1,450,662; Apr. 3.
Biggs, Joseph F., Richmond, Va. Amplifier for talking machines. 1,450,241; Apr. 3.
Biggs, Joseph F., Richmond, Va. Talking-machine cabinet. Des. 62,132; Mar. 27.
Biggs, Joseph F., Richmond, Va. Talking-machine cabinet. Des. 62,133; Mar. 27.
Biggs, Robert H., St. Catharines, Canada. Combination string holder and advertising device. 1,451,251; Apr. 10.
Biggs, Thomas G., Lake Providence, La. Index tag. 1,465,576; Aug. 21.
Bigham, Herbert V., Roaring Springs, Tex. Flower stand. Des. 63,168; Oct. 30.
Bigham, Herbert V., Roaring Springs, Tex. Flower stand. Des. 63,169; Oct. 30.
Bigler, Edward A., Auburn, Ill. Automatic gate. 1,476,354; Dec. 4.
Bigney, S. O., & Company. (See Payette, Joseph A., assignor.)
Bihlmire, Otto L., Baroda, Mich., assignor, by mesne assignments, to Gidelite Mfg. Co., Chicago, Ill. Automobile radiator cap. Des. 63,355; Nov. 27.
Bijur, Joseph, New York, N. Y., assignor to Bijur Motor Appliance Company. Electrical apparatus. 1,443,205; Jan. 23.
Bijur, Joseph, New York, N. Y., assignor to Bijur Motor Appliance Company. Means and method for starting airplane engines and the like. 1,457,687; June 5.
Bijur Motor Appliance Company. (See Bijur, Joseph, assignor.)
Bijur Motor Appliance Company. (See Hirsch, Morris, assignor.)
Bijur Motor Appliance Company. (See Marcus, Charles, assignor.)
Bijur Motor Appliance Company. (See Woolson, Lionel M., assignor.)
Bika, Vincent. (See Thierjung, Mathew, assignor.)
Bilan, John, Flint, Mich. Spring wheel. 1,448,513; Mar. 13.
Bilan, John, Flint, Mich. Vehicle spring. 1,456,117; May 22.
Bilan, John, Flint, Mich. Fan structure for air-cooled motors. 1,476,137; Dec. 4.
Bilbrey, George L., Hermitage Springs, Tenn. Poultry coop. 1,478,695; Dec. 25.
Bilbrough, Charles F. S., Burnham-on-Crouch, England. Detachable fastener. 1,456,118; May 22.
Bilgere, George A., St. Louis, Mo. Steering gear. 1,476,870; Dec. 11.
Bilham, William C., Southampton, England. Tire for wheels of road vehicles. 1,472,383; Oct. 30.
Bilhuber, Paul H., Douglaston, N. Y. Tractor board for player pianos and organs. 1,459,355; June 19.
Billger, Alonzo E., Indianapolis, Ind. Pneumatic bell ringer. 1,474,925; Nov. 20.
Billings, Cecil M., Brooklyn, N. Y., assignor to Delmore Manufacturing Co. Inc., New York, N. Y. Motor vehicle. 1,471,879; Oct. 23.
Billings, Frank. (See Greenleaf, Robert P., assignor.)
Billings, Frank, and R. P. Greenleaf, Cleveland, Ohio; said Greenleaf assignor to said Billings. Loading machine. 1,442,117; Jan. 16.
Billings, Frank, and R. P. Greenleaf, Cleveland, Ohio; said Greenleaf assignor to said Billings. Loading machine. 1,444,056; Feb. 6.
Billings, Frank, and R. P. Greenleaf, Cleveland, Ohio; said Greenleaf assignor to said Billings. Loading machine. 1,447,275; Mar. 6.
Billings, Frank, and R. P. Greenleaf, Cleveland, Ohio; said Greenleaf assignor to said Billings. Loading machine. 1,464,742; Aug. 14.
Billings, Frederick C., Milwaukee, Wis. Music-roll-supporting clamp. 1,441,824; Jan. 9.
Billings, John R., jr., Durham, N. C. Grain door. 1,450,792; Apr. 3.
Billings, Josiah Q., Hammond, La. Tractor attachment. 1,456,668; May 29.
Billingsley, Percy L., Orlando, Fla. Mortising device. 1,449,083; Mar. 20.
Billingsley, Percy L., Orlando, Fla. Mortising or slotting device. 1,449,084; Mar. 20.
Billé, Léon, Nogent, France. Making pipes of cement. 1,441,908; Jan. 9.
Billman Obed C. (See Solomon, J., and Billman.)
Billman, Obed C. (See Stump, Ira E., assignor.)
Billman, Obed C., Cleveland, assignor of one-half to H. H. Troxel, Wooster, Ohio. Pencil. 1,461,437; July 10.
Billmeyer, Harry, Washingtonville, Pa. Safety snap hook. 1,456,264; May 22.
Bilstein, Louis C., West Orange, N. J., assignor to United States Radium Corporation. Application of luminous compounds. 1,467,132; Sept. 4.
Binard, Edouard, Brussels, Belgium. High-frequency self-induction coil. 1,466,441; Aug. 28.
Bindas, Mike, assignor of one-fourth to D. Kornofyl, East Hammond, Ind. Saw-gumming device. 1,441,825; Jan. 9.
Bindel, Friedrich W., Hamburg, Germany. Device for welding chain links, rings, and the like. 1,452,023; Apr. 17.
Binder, Carl A. (See Rolle, Karl F. A., assignor.)
Binder, Joseph. (See Rein, Gottfried H., assignor.)
Binder, Louis, Newark, N. J. Box. 1,442,515; Jan. 16.
Binder, Louis, Newark, N. J. Box. 1,447,276; Mar. 6.
Binder, Louis, Newark, N. J. Blank for and forming box bodies. 1,447,277; Mar. 6.
Binder, Thomas W., Trenton, N. J. Kitchen appliance. 1,445,867; Feb. 20.
Bindschedler, Emile, Philadelphia, Pa., and G. Juer, Hopewell, Va., assignors to Tubize Artificial Silk Company of America, Wilmington, Del. Manufacturing artificial silk and other products from nitrocellulose. 1,441,203; Jan. 9.
Bindschedler, Emile, Philadelphia, Pa., and G. Juer, Hopewell, Va., assignors to Tubize Artificial Silk Company of America, Wilmington, Del. Manufacturing artificial silk and other product from nitrocellulose. 1,441,204; Jan. 9.
Bindschedler, Emile, Philadelphia, Pa., and G. Juer, Hopewell, Va., assignors to Tubize Artificial Silk Company of America, Wilmington, Del. Manufacturing artificial silk and other products from nitrocellulose. 1,441,205; Jan. 9.
Bines, William H., assignor to The Firestone Tire and Rubber Company, Akron, Ohio. Apparatus for treating rubber. 1,456,211; May 22.
Binford, Orlando, Citronelle, Ala. Die nut. 1,465,337; Aug. 21.
Bingay, Robert V., Pittsburgh, Pa., assignor to Pittsburgh Transformer Company. Protection of alternating-current-distributing circuits. 1,450,425; Apr. 3.
Bingay, Robert V., Pittsburgh, Pa., assignor to Pittsburgh Transformer Company. Transformer. 1,458,126; June 12.
Bingay, Robert V., Pittsburgh, Pa., assignor to Pittsburgh Transformer Company. Safety relief device. 1,459,817; June 26.
Bingay, Robert V., Pittsburgh, Pa., assignor to Pittsburgh Transformer Company. Transformer-controlling means. 1,463,304; July 31.
Bingay, Robert V., Pittsburgh, Pa., assignor to Pittsburgh Transformer Company. Forming transformer structures. 1,472,863; Nov. 6.
Bingay, Robert V., Pittsburgh, Pa., assignor to Pittsburgh Transformer Company. Tank structure. 1,473,595; Nov. 6.
Bingay, Robert V., Pittsburgh, Pa., assignor to Pittsburgh Transformer Company. Transformer. 1,476,138; Dec. 4.
Bingay, Robert V., Pittsburgh, Pa., assignor to Pittsburgh Transformer Company. Water-cooled transformer. 1,474,757; Nov. 20.
Bingay, Robert V., Pittsburgh, Pa., assignor to Pittsburgh Transformer Company. Transformer-tank cover. 1,475,533; Nov. 27.
Bingham, George W., assignor to Widescope Camera Co., Newark, N. J. Motion-picture device. 1,462,784; July 24.
Bingham, Jeremiah, assignor to The Bock Bearing Company, Toledo, Ohio. Forming rollers for roller bearings. 1,446,447; Feb. 27.
Bingham, John R., Tacoma, Wash. Fishing bait. 1,476,139; Dec. 4.
Bingham, Joseph, Lurgan, assignor to W. Heney, Belfast, Ireland. Sewing machine. 1,471,720; Oct. 23.
Bing-Werke, vorm. Gebr. Bing A.-G. (See Weidlich, Kunz, assignor.)
Binkley, J. Lee. (See Watson, Shelly L., assignor.)
Binkley, Robah J. (See Hartburg, Herman L., assignor.)
Binks, Harry D., River Forest, Ill. Atomizing nozzle. 1,448,106; Mar. 13.
Binks, Harry D., River Forest, Ill. Adjustable spray nozzle. 1,452,264; Apr. 17.
Binney & Smith Co. (See Milliken, William H., jr., assignor.)
Binnington, John G., St. Louis, and H. E. Mahan, Independence, Mo. Spindle bolt. 1,448,685; Mar. 13.
Binns, Charles F., Alfred, N. Y. Brick or tile for furnace construction. 1,456,498; May 29.
Binns, Edward H., et al. (See Primoshic, Frank, assignor.)
Binns, Edward H., Pittsburgh, Pa. Shoe. 1,478,467; Dec. 25.
Binns, Edward H. and R. H., Pittsburgh, Pa. Shoe-string-holding cuff. 1,453,036; Apr. 24.
Binns, Edward H. and R. H., Pittsburgh, Pa. Holder. 1,460,743; July 3.
Binns, Edward H. and R. H., Pittsburgh, Pa. Mounting member. 1,477,100; Dec. 11.
Binns, Edward H. and R. H., Pittsburgh, Pa. Detachable shoe cuff. 1,478,468; Dec. 25.
Binns, Ralph H., et al. (See Primoshic, Frank, assignor.)
Binns, William B., assignor of one-half to J. D. Mander, Bingley, York, England. Textile spinning and twisting process. 1,457,817; June 5.
Bins, Frank M., Butte, Mont. Coupling for canvas lubing. 1,440,814; Jan 2.

Biondi, William A. (See Dalton, D. J., and Biondi.)
Bioscope Improvements Limited. (See Way, Edward J., assignor.)
Bippart, Achill, South Orange, N. J. Bar pin. 1,468,255; Sept. 18.
Birch, Chester W., Chicago, Ill. Swing hanger. 1,476,038; Dec. 4.
Birch, Ezekial B., Pittsburgh, Pa. System of electrical distribution. 1,457,052; May 29.
Birch, Gustaf B. (See Cameron, J. A., and Birch.)
Bircher, Eugene A., Rochester, N. Y. Fermentation seal. 1,474,461; Nov. 20.
Birchy, R. O., et al. (See Busby, Robert S.)
Bird, A. M. (See Conley, Joseph M., assignor.)
Bird, Benjiman M., G. C., and D. P., assignors of one-half to J. B. Bridgman, Maitland, Mo. Burial vault. 1,460,223; June 26.
Bird, Charles E. (See Erickson, Marcus A., assignor.)
Bird, Charles E., Minneapolis, Minn. Tractor. 1,453,265; May 1.
Bird, Charles S., East Walpole, Mass. Shingle. 1,447,750; Mar. 6.
Bird, Charles S., assignor to Bird & Son, Incorporated, East Walpole, Mass. Wall board. 1,477,532; Dec. 18.
Bird, Clement K., and H. B. Washburn, St. Paul, Minn. Apparatus for correcting malocclusion. 1,468,731; Sept. 25.
Bird, David P. (See Bird, Benjiman M., G. C., and D. P.)
Bird, Eugene H., Hillside, N. J., assignor to The Koppers Company, Pittsburgh, Pa. Gas-purifying apparatus. 1,478,543; Dec. 25.
Bird, Frank M., Oakland, Calif. Valve-grinding tool. 1,459,356; June 19.
Bird, George C. (See Bird, Benjiman M., G. C., and D. P.)
Bird Machine Company. (See Clarke, Ralph S., assignor.)
Bird, Peter E., Jenkintown, Pa. Razor sharpener. 1,469,147; Sept. 25.
Bird, Ralph B., Oakland, Calif. Hand roller. 1,461,815; July 17.
Bird, Reginald W., Framingham, assignor to The Flintkote Company, Boston, Mass. Shingle strip. 1,478,544; Dec. 25.
Bird & Son, Incorporated. (See Bird, Charles S., assignor.)
Bird & Son, Inc. (See Summer, Warren E., assignor.)
Bird, William C. (See Wood, G. B., Bird, and Packard.)
Birdsall, Edwin H., Thornton, Iowa. Foot accelerator. 1,459,317; June 19.
Birdsall, Edwin H., Thornton, Iowa. Radiator air circulation-control device. 1,459,318; June 19.
Bireley, Joseph W., and G. A. Walters, Detroit, Mich. Automobile lock. 1,441,826; Jan. 9.
Birhanzl, Otto W., assignor to The Warner and Swasey Company, Cleveland, Ohio. Flexible guard for machine tools. 1,461,887; July 17.
Birkholz, Benjamin L., Colonia, N. J. Controlling mechanism for toilet stools. 1,451,524; Apr. 10.
Birkigt, Marc, Bois-Colombes, France. Machine provided with valves. 1,457,957; June 5.
Birmingham Iron Foundry. (See Banbury, Fernley H., assignor.)
Birmingham Iron Foundry, The. (See Gordon, William A., assignor.)
Birmingham, Michael R., Yonkers, N. Y. Attachment for pile-fabric looms. 1,444,232; Feb. 6.
Birmingham, Michael R., Yonkers, N. Y. Attachment for pile-fabric looms. 1,444,233; Feb. 6.
Birnbaum-Shestakoff, Alexander S. (See Shvachka, J. K., and Birnbaum-Shestakoff.)
Biro, Steven, Windsor, Ontario, Canada. Safety hatpin. Des. 61,820; Jan. 23.
Bisbing, Charles F. (See Weinberg, I. H., and Bisbing.)
Bisch, Floyd, Philadelphia, Pa. Combined signal and license-display device. 1,462,953; July 24.
Bischof, Ulrich, assignor to Firm Gebr. Staubli, Horgen, Switzerland. Sheet-stitching machine. 1,440,369; Jan. 2.
Bischof, Ulrich, assignor to the Firm Gebr. Staubli, Horgen, Switzerland. Laying on apparatus for book-fastening machines. 1,440,370; Jan. 2.
Bischof, Ulrich, assignor to Gebr. Staubli, Horgen, Switzerland. Laying-on apparatus for book-fastening machines. 1,458,026; June 5.
Bisey, Sunker A., New York, N. Y. Nozzle mechanism. 1,477,204; Dec. 11.
Bisey, Sunker A., New York, N. Y. Assembly mechanism. 1,477,205; Dec. 11.
Bishop, Adelmer A., deceased, Racine, Wis.; E. M. Bishop, administratrix. Truck. 1,470,254; Oct. 9.
Bishop, Arthur H., New York, N. Y. Camp and lunch kit. 1,458,679; June 12.
Bishop & Babcock Company. (See Patton, Hal T., assignor.)
Bishop, Carlotta, and D. E. Brinsmade, Derby, Conn. Fastener. 1,440,653; Jan. 2.
Bishop, Columbus H., El Reno, Okla. Egg turner. 1,478,201; Dec. 18.
Bishop, Emma M., administratrix. (See Bishop, Adelmer A.)
Bishop, Eugene R. (See Whall, R. A., and Bishop.)
Bishop, George E., Cleveland, Ohio. Folding vehicle top. 1,445,659; Feb. 20.
Bishop, George E., Cleveland, Ohio. Automobile inclosure. 1,460,529; July 3.
Bishop, George E., Cleveland, Ohio. Automobile top frame. 1,475,421; Nov. 27.
Bishop, James A., Denver, Colo. Power generation. 1,456,212; May 22.
Bishop, Jesse J., Elyria, Ohio. Differential mechanism for automobile rear axles. 1,474,399; Nov. 20.
Bishop, John A., Clearwater, Fla. Fluid-fuel burner. 1,460,473; July 3.
Bishop, John E., Milo, Me. Mounting structure for shafts. 1,449,969; Mar. 27.
Bishop, Joseph T., Toledo, Ohio. Automobile testing apparatus. 1,452,783; Apr. 24.
Bishop, Joseph T., assignor of one-half to J. A. Pecord, Toledo, Ohio. Vessel locating and recovering means. 1,459,714; June 26.
Bishop, Joseph W., Muskegon, Mich. Audiphone. 1,478,545; Dec. 25.
Bishop, Joseph W., Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Phonograph. 1,473,004; Nov. 6.
Bishop, Joseph W., Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Phonograph. 1,473,005; Nov. 6.
Bishop, Joseph W., Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Motor. 1,476,683; Dec. 11.
Bishop, Mary E., Brooklyn, N. Y., assignor to Decorative Arts League, Jersey City, N. J. Lamp. Des. 63,388; Dec. 4.
Bishop, Newton J., Washington, D. C. Gate. 1,449,262; Mar. 20.
Bishop, Newton J., Washington, D. C. Curtain holder. 1,450,539; Apr. 3.
Bishop, Samuel H., and J. Q. Slye, Washington, D. C. Support for moth-repellent holders. Re15,588; May 1.
Bissell, Carl H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Switch and housing construction therefor. 1,440,654; Jan. 2.
Bissell, Carl H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Lamp-guard attachment for conduit outlet boxes. 1,441,554; Jan. 9.
Bissell, Carl H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Operating mechanism for inclosed push-button switches. 1,446,636; Feb. 27.
Bissell, Carl H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Service entrance cap. 1,446,821; Feb. 27.
Bissell, Carl H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Plug receptacle. 1,470,956; Oct. 16.
Bissell, Carl H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Plug receptacle. 1,474,758; Nov. 20.
Bissell, Carl H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Plug receptacle. 1,475,678; Nov. 27.
Bissell, Carl H., and R. E. Jones, assignors to Crouse-Hinds Company, Syracuse, N. Y. Quick-break switch. 1,465,412; Aug. 21.
Bissell, David J., jr., assignor to Otis Automatic Train Control Incorporated, Spokane, Wash. Manually-operable valve for automatic train-control apparatus. 1,474,187; Nov. 13.
Bissell, Don W., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Production of triphenylmethane dye. 1,478,015; Dec. 18.
Bissell, George A., Minot, N. Dak. Water meter. 1,477,748; Dec. 18.
Bisset, David L., assignor to P. Lyall & Sons Construction Company, Limited, Montreal, Quebec, Canada. Chuck jaw. 1,454,148; May 8.
Bisson, Fernand, Paris, France. Automatic lighter. 1,467,603; Sept. 11.
Bitgood, Frederick S., Buttonwillow, Calif. Furnace. 1,447,337; Mar. 6.
Bitondi, John D., Hartford, Conn. Rolling-screen guide. 1,465,802; Aug. 21.
Bitter, Reuben H., assignor to The Thal & Bitter Co., Toledo, Ohio. Spotlight mounting. 1,472,509; Oct. 30.
Bittler, Edward R., Skuylkill Haven, Pa. Automobile dash attachment. 1,451,646; Apr. 10.
Bittner, Edward E., Chicago, Ill. Apparatus for cutting trenches. 1,465,622; Aug. 21.
Bittrolf, Wilhelm, assignor to E. G. Bek, Pforzheim, Germany. Manufacture of chain meshwork and chains. 1,478,814; Dec. 25.
Biver, Julius, Alameda, and J. S. Kosch, San Bruno, Calif. Feeding attachment for printing presses. 1,442,997; Jan. 23.
Bivins, Luther R. (See Patterson, J. L., and Bivins.)
Bixby, Walter. (See Hathaway, E. F., and Bixby.)
Bixler, Jacob M., and A. B. Grout, Baltimore, Md. Theft-preventing device for motor vehicles. 1,446,242; Feb. 20.
Bixler, Lewis S., Kenton, Ohio. Toy pistol. 1,467,918; Sept. 11.
Bjorge, Oscar B., assignor to Clyde Iron Works, Duluth, Minn. Automatic brake. 1,449,851; Mar. 27.
Bjork, Nils, et al., trustees. (See Hill, Ernst V., assignor.)

Bjorklund, Eric G., assignor to The Lake Torpedo Company, Bridgeport, Conn. Torpedo guide for torpedo tubes. 1,451,319; Apr. 10.

Bjorklund, John, Raymond, Mont. Cigar holder. 1,445,620; Feb. 20.

Bjorklund, William A., and A. Holmquist, Hoopeston, assignors to Sprague Canning Machinery Company, Chicago, Ill. Filling machine. 1,446,611; Feb. 27.

Bjorkquist, Sigurd, Blaney, Mich. Bottle cap. 1,455,068; May 15.

Blabon, George W. Company, The. (See Cartwright, Frank, assignor.)

Blacet, Duke N. A. (See Griffiths, F. J., and Blacet.)

Blacke, Hans H., Hellerup, near Copenhagen, Denmark. Auxiliary Diesel-engine compressor. 1,446,541; Feb. 27.

Black Bros. Company. (See Black, John, assignor.)

Black, Cecil W. S. (See Bradshaw, E. A., Black, and Nicholls.)

Black, Charles H., Scottdale, Pa. Safety protective envelope. 1,450,130; Mar. 27.

Black, Eric A., Orange, N. J. Warp and jack thread-break-stopping device. 1,478,016; Dec. 18.

Black, Frank A., Detroit, and F. D. Stanly, Grand Rapids, Mich. Flush-tank mold. 1,476,684; Dec. 11.

Black, Isaac T., Galt, Ontario, Canada. Stove. 1,473,666; Nov. 13.

Black, John, assignor to Black Bros. Company, Mendota, Ill. Veneer taping machine. 1,443,784; Jan. 30.

Black, John C., Destrehan, La., assignor of one-half to J. W. Weir, Fillmore, Calif. Process and apparatus for refining petroleum oil. 1,447,118; Feb. 27.

Black, John C., Destrehan, La. Process and apparatus for the production of low-boiling-point hydrocarbons. 1,456,419; May 22.

Black, John S., Olivette, assignor to Simmons Hardware Company, St. Louis, Mo. Knife-polishing machine. 1,459,085; June 19.

Black, Joseph J., assignor to The Master Tire & Rubber Company, Dayton, Ohio. Tire. Des. 63,022; Sept. 18.

Black, Lee J., Beaumont, Tex. Gripping device. 1,443,673; Jan. 30.

Black, Lee J., Beaumont, Tex. Hydraulic swivel. 1,478,097; Dec. 18.

Black, Leslie G., Sioux City, Iowa. Air-brake mechanism. 1,461,025; July 10.

Black, Nathaniel S., Newtonville, Mass. Float valve. 1,476,029; Dec. 4.

Black, Roe, Gem, Nebr. Process and apparatus for dispensing liquids. 1,468,989; Sept. 25.

Black, Roy, Cleveland, Ohio. Loader. 1,443,557; Jan. 30.

Black, Samuel D., and A. G. Decker, Baltimore, Md., assignors, by mesne assignments, to The Maryland Trust Company, trustee. Pumping apparatus. 1,463,305; July 31.

Black, Stanley D. (See Mathews, F., and Black.)

Black, V. E., Company. (See Kollstede, George, assignor.)

Black, V. E., Company Incorporated. (See Kollstede, George, assignor.)

Black, Walter M., Eaton, Ind. Float valve. 1,470,213; Oct. 9.

Black, Wesley A., Spartanburg, S. C. Slasher. 1,462,442; July 17.

Black, William. (See Browne, J. T., and Black.)

Blackall, Robert H., Pittsburgh, Pa., assignor to Ratchet Brake Company. Ratchet-brake mechanism. 1,452,784; Apr. 24.

Blackburn, Allen H., Hayward, Calif. Saw gauge. 1,459,873; June 26.

Blackburn, Arthur H., Downers Grove, and F. E. Fleming, Chicago, Ill., assignors to The Underfeed Stoker Company of America, Chicago, Ill. Side-dump underfeed furnace. 1,472,579; Oct. 30.

Blackburn, Bruce B., St. Petersburg, Fla. Storage-battery connection. 1,456,420; May 22.

Blackburn, Henry F., Breckenbridge, and E. L. McMillen, Ranger, Tex. Oil-discharge jet. 1,444,411; Feb 6.

Blackburn, Jasper, Webster Groves, Mo. Gear selecting and changing device. 1,455,161; May 15.

Blackburn, Jasper, Webster Groves, Mo. Gear selecting and shifting device for motor vehicles. 1,455,162; May 15.

Blackburn, Jasper, St. Louis, Mo. Expanding screw anchor. 1,455,163; May 15.

Blackburn, Jasper, St. Louis, Mo. Push plug for electric sockets. 1,469,913; Oct. 9.

Blackburn, Jasper, assignor to The Blackburn Patent Steering Wheel Company, St. Louis, Mo. Controlling device for motor-driven vehicles. 1,447,751; Mar. 6.

Blackburn Patent Steering Wheel Company, The. (See Blackburn, Jasper, assignor.)

Blackburn-Smith Corporation, The. (See Kaufman, Irvin H., assignor.)

Blackford, Atwell J. (See Possons, M. A., and Blackford.)

Blackford, Atwell J., Cleveland, Ohio, assignor to American Stove Company, St. Louis, Mo. Wickless oil burner. 1,452,354; Apr. 17.

Blackinton, Ernest D., Groton, and G. E. Smith, Waterford, Conn. Portable cab. 1,469,713; Oct. 2.

Blackinton, W. H., & Co. (See Baker, Ralph H., assignor.)

Blackman, Mabel, assignor to A. S. Joseph, New York, N. Y. Overshoe for horses. 1,453,905; May 1.

Blackman, Mabel, assignor of one-half to L. K. Hosier and one-half to E. McKee, New York, N. Y. Record lifter for talking machines. 1,464,023; Aug. 7.

Blackman, Mabel, L. K. Hosier, and E. B. McKee, New York, N. Y.; said Blackman assignor to said Hosier and said McKee. Drinking-glass holder. 1,468,256; Sept. 18.

Blackmore, Henry S., deceased, Mount Vernon, N. Y.; I. Blackmore and S. L. Tingley, administrators. Pigment and paint. 1,460,699; July 3.

Blackmore, Isabelle, et al., administrators. (See Blackmore, Henry S.)

Blackmore, Lloyd, Highland Park, assignor to General Motors Corporation, Detroit, Mich. Farm tractor. 1,461,716; July 10.

Blackmore, Lloyd, Highland Park, assignor to General Motors Corporation, Detroit, Mich. Internal-combustion engine. 1,475,927; Dec. 4.

Blackstone Manufacturing Company. (See Oberg, Gunnard A., assignor.)

Black-Strap Fuel and Potash Products Company. (See Hildebrandt, Paul G., assignor.)

Blackwelder, Bert R., Laporte, Ind. Tire fabric. 1,457,892; June 5.

Blackwell, Charles, St. Louis, Mo. Metal-casing wheel. 1,458,971; June 19.

Blackwell, Daniel W., San Diego, Calif. Catch. 1,455,104; May 15.

Blackwell, Elmer C., Stone Hill, Mo. Transmission gear. 1,445,741; Feb. 20.

Blackwell, Henry F., assignor to M. A. Blackwell, Highland, N. Y. Plant-propagation cell or container. 1,446,113; Feb. 20.

Blackwell, Maude A. (See Blackwell, Henry F., assignor.)

Blackwell, Otto B., Garden City, N. Y., assignor to American Telephone and Telegraph Company. Signaling system. 1,441,827; Jan. 9.

Blackwell, Otto B., Garden City, N. Y., assignor to American Telephone and Telegraph Company. Voice-operated relay. 1,453,430; May 1.

Blackwell, Otto B., Garden City, N. Y., assignor to American Telephone and Telegraph Company. System for attaining uniform attenuation. 1,454,011; May 1.

Blackwell, Otto B., Garden City, N. Y., assignor to American Telephone and Telegraph Company. Telephone repeater. 1,474,430; Nov. 20.

Blackwell, Roland R., Petrolia, Ontario, Canada. Apparatus for dressing bits and rimmers. 1,458,320; June 12.

Blackwood, Edward W., St. Louis, Mo. Inhaler. 1,455,385; May 15.

Blackwood, Harry L., Salem, Oreg. Vaporizer for liquid fuel. 1,462,361; July 17.

Blackwood, William, Pontiac, Mich. Plumber's fitting. 1,442,998; Jan. 23.

Blades, Robert, Chicago, Ill. Skinning knife. 1,470,255; Oct. 9.

Blades, Robert, Chicago, Ill. Meat hanger and apparatus for applying the same. 1,473,204; Nov. 6.

Blaese, Howard T., Philadelphia, Pa. Supplementary front for stove ovens. 1,449,160; Mar. 20.

Blaha, Ludwig, Lyndhurst, N. J. Attachment for sound reproducing devices. 1,471,092; Oct. 16.

Blaine, Joseph R., assignor to Miehle Printing Press and Manufacturing Company, Chicago, Ill. Water fountain. 1,472,626; Oct. 30.

Blaine, Joseph R., assignor to Miehle Printing Press and Manufacturing Company, Chicago, Ill. Inking mechanism. 1,472,898; Nov. 6.

Blaine, Walter E., assignor to Packard Motor Car Company, Detroit, Mich. Hydrocarbon motor. 1,455,986; May 22.

Blair, Ethel I., Kansas City, Mo. Lantern. 1,464,743; Aug. 14.

Blair, Frank M., assignor to The Cree-Becker Oil Tool Company, Newark, Ohio. Casing elevator. 1,451,199; Apr. 10.

Blair, J. C., Company. (See McSheehy, Bartholomew E., assignor.)

Blair, James B., deceased; O. M. Blair, administratrix, assignor, by mesne assignments, to O. M. Blair, Decatur, Ill. Automobile signal. 1,467,993; Sept. 18.

Blair, James S., and J. M. Braham, Washington, D. C. Manufacture of guanidine salts. 1,441,206; Jan. 9.

Blair, Jean W., New York, N. Y. Pipe-repair clamp. 1,460,224; June 26.

Blair, Joseph H., Bowling Green, Mo. Drafting instrument. 1,447,612; Mar. 6.

Blair, Lones, Oakland, Calif. Yarn holder. 1,450,835; Apr. 3.

Blair, Ora M., administratrix. (See Blair, James B.)

Blair, Ora M. (See Blair, James B., assignor.)

Blair, Robert S. (See Dieterich, Ludwig M., assignor.)

Blair, Robert S., et al. (See Lowry, William, assignor.)

Blair, Robert S., Sound Beach, Conn. Shucking vegetable product. 1,445,742; Feb. 20.

Blair, Robert S., Sound Beach, Conn. Fluid meter. 1,463,865; Aug. 7.

Blair, Robert S., Sound Beach, Conn. Nonslipping device. 1,469,766; Oct. 9.

Blair, Robert S., Sound Beach, Conn. Construction for internal-combustion engines. 1,472,899; Nov. 6.

Blair, Robert S., Sound Beach, Conn. Fender for vehicles. 1,476,039; Dec. 4.
Blair, Robert S., Stamford, Conn. Fluid meter. 1,467,565; Sept. 11.
Blair, Robert S., Sound Beach, and B. D. Wells, Danbury, Conn.; said Wells assignor to said Blair. Temperature-controlled switch. 1,467,085; Sept. 4.
Blair, Rolandis A., Fort Wayne, Ind., assignor to The P & M Company, Chicago, Ill. Rail anchor. 1,461,258; July 10.
Blair, Rolandis A., Fort Wayne, Ind., assignor to The P & M Company, Chicago, Ill. Rail anchor. 1,461,259; July 10.
Blair, Rolandis A., Fort Wayne, Ind., assignor to The P & M Company, Chicago, Ill. Rail anchor. 1,461,260; July 10.
Blair, Rolandis A., Fort Wayne, Ind., assignor to The P & M Company, Chicago, Ill. Rail anchor. 1,461,261; July 10.
Blair, Shiras A., Indianapolis, Ind. Automatic sound-reproducing instrument. 1,472,743; Oct. 30.
Blair, William L., Chicago, Ill. Bookrest. 1,470,052; Oct. 9.
Blaise, Edward, Brooklyn, N. Y. Cabinet for talking machine records. 1,474,017; Nov. 13.
Blaise, George, Kenedy, Tex. Hose clamp. 1,447,956; Mar. 13.
Blake, Arthur N., Ironton, assignor to New Method Stove Company, Mansfield, Ohio. Radiant gas heater. Des. 61,887; Feb. 6.
Blake, C. C. Incorporated. (See Blake, Charles C., assignor.)
Blake, C. C., Incorporated. (See Foster, Edward E., assignor.)
Blake, C. C., Incorporated. (See Small, Lewis F., assignor.)
Blake, Charles C., Brookline, Mass., assignor to C. C. Blake, Incorporated, Boston, Mass. Outsole-stitching machine. 1,443,724; Jan. 30.
Blake, Charles C., Brookline, assignor to C. C. Blake, Incorporated, Boston, Mass. Rounding machine. 1,476,040; Dec. 4.
Blake, Dennis B. D., Quincy, Ill. Shock absorber. 1,455,743; May 15.
Blake, Dennis B. D., Quincy, Ill. Shock absorber. 1,465,206; Aug. 14.
Blake, Edward M., assignor to K. Bruchsaler, San Francisco, Calif. Conduit fastener for outlet boxes. 1,475,338; Nov. 27.
Blake, Eli J., Buffalo, N. Y., assignor to Gould Coupler Company. Regulating and circuit-controlling apparatus. 1,452,587; Apr. 24.
Blake, Eliza M., executrix. (See Cross, C. F., and Bevan.)
Blake, Fred D., Charlotte, N. C., assignor to Automatic Safety Car Step Company, Atlanta, Ga. Safety car step. 1,449,031; Mar. 20.
Blake, George A., New Bedford, Mass. Valve for controlling the flow of fluids. 1,442,516; Jan. 16.
Blake, George W., Manufacturing Company, The. (See Blake, George W., assignor.)
Blake, George W., assignor to The George W. Blake Manufacturing Company, Wyandotte, Mich. Fly-swatting device. 1,468,373; Sept. 18.
Blake, Nelson C., Woonsocket, R. I. Picker-stick check. 1,448,909; Mar. 20.
Blake, Robert A., trustee and legal representative. (See Capell, George M.)
Blake, Robert A., et al., legal representatives. (See Capell, George M.)
Blake, Vernon E. (See Foltz, Leroy S., assignor.)
Blakely, William W., Detroit, Mich. Securing device for vehicles. 1,478,505; Dec. 25.
Blakely, William W., and G. C. Fedderman, Detroit, Mich.; said Fedderman assignor to said Blakely. Vehicle anchoring device. 1,466,442; Aug. 28.
Blakeslee, George S., Chicago, Ill. Washing machine. 1,462,734; July 24.
Blakeslee, George S., Oak Park, Ill. Washing machine. 1,462,735; July 24.
Blakeslee, George S., Oak Park, Ill. Washing machine. 1,469,207; Oct. 2.
Blakeslee, Henry J., assignor to The States Company, Hartford, Conn. Pyrometer. 1,441,207; Jan. 9.
Blakeslee, John R., Cleveland, Ohio. Making spherical articles. 1,469,174; Sept. 25.
Blakeslee, John R., assignor to The Ajax Manufacturing Company, Cleveland, Ohio. Drop hammer. 1,468,953; Sept. 25.
Blakeslee, Raymond C., Milwaukee, Wis. Telegraph repeater. 1,448,824; Mar. 20.
Blakesley, Francis S., Chicago, Ill. Shoulder for haversacks, etc. 1,444,652; Feb. 6.
Blakoe, Robert, London, England. Friction driving gear for motor vehicles, motor boats, and aircraft. 1,455,704; May 15.
Blalock, James D., et al. (See Colgan, John P., assignor.)
Blalock, Joseph E., Salisbury, N. C. Car-door fastener. 1,450,242; Apr. 3.
Blanc, Gian A., Rome, Italy. Treatment of silicates with acids in order to obtain saline solutions free from silica. 1,443,674; Jan. 30.
Blanc, Marius, and F. Berger, St. Etienne, France. Pruning implement. 1,468,554; Sept. 18.
Blanchard, Adna F., Providence, R. I. Catch for jewelry. 1,441,208; Jan. 9.
Blanchard, Adna F., Cranston, assignor to Ideal Jewelry Manufacturing Company, Providence, R. I. Flexible bracelet. 1,467,468; Sept. 11.
Blanchard, George N., assignor to Colmar Burner Co., San Francisco, Calif. Furnace. 1,470,680; Oct. 16.
Blanchard, George N., assignor to Colmar Burner Company, San Francisco, Calif. Safety mechanism for furnaces. 1,477,027; Dec. 11.
Blanchard, George N., and C. F. Colmar, assignors to Colmar Burner Company, San Francisco, Calif. Hydrocarbon generator and burner. 1,458,680; June 12.
Blanchard, Horace J., et al. (See Folgert, Joseph W., assignor.)
Blanchard, James A. (See McCown, T. D., and Blanchard.)
Blanchard, P., & Sons. (See Wyrick, Solomon A., assignor.)
Blanchard, William N., East St. Louis, Ill. Valve. 1,451,037; Apr. 10.
Blanck & Co. (See Langenegger, John, assignor.)
Blanco, Jose M., Newark, N. J. Vegetable slicer. 1,452,724; Apr. 24.
Bland, J. C. W. (See Baird, Melville B., assignor.)
Bland, J. C. W. (See Baird, M. B., and Walls, assignors.)
Bland, Joseph F., Winston-Salem, N. C. Stop for disk records for talking machines. 1,447,921; Mar. 6.
Bland, Silas Z., Neoga, Ill. Timing device for cream testers. 1,461,964; July 17.
Blandy, William H. P., Indian Head, Md., and R. K. Turner, Washington, D. C., assignors to the Government of the United States. Director elevating mechanism. 1,474,759; Nov. 20.
Blaney, Francis R. (See MacDonald, W. J., Blaney, and MacDonald.)
Blangey, Louis. (See Lüttringhaus, A., and Blangey.)
Blank, Jacob, Los Angeles, Calif. Convertible camp case. 1,476,389; Dec. 4.
Blank, Robert, Columbus, Ohio, assignor to Solar-Sturges Mfg. Co. Fireproof wastecan. 1,443,833; Jan. 30.
Blank, Robert, Columbus, Ohio, assignor to Solar-Sturges Mfg. Co. Fireproof wastecan. 1,443,834; Jan. 30.
Blankenberg, William J., Buffalo, N. Y. Moving-picture machine. 1,458,911; June 12.
Blankenberg, William J., assignor to The Perfect Projector Machine Company, Buffalo, N. Y. Motion-picture-projecting machine. 1,463,417; July 31.
Blankenburg, Johannes, Berlin, Germany, assignor, by mesne assignments, to Naamlooze Vennootschap Finanzieele Maatschapij "Driebergen," Amsterdam, Netherlands. Device for amplifying telephone currents and other electric oscillations. 1,453,584; May 1.
Blankenhagen, Albert, Akron, Ohio. Portable scaffold. 1,474,462; Nov. 20.
Blankenhorn, Fred H. (See Swanson, Swan J., assignor.)
Blankenship, Tony, assignor of one-half to J. J. Davis, Kincaid, Ill. Nut lock. 1,459,818; June 26.
Blasauf, John F., and L. V. Hose, San Francisco, Calif. Automobile camp bed and means for carrying same. 1,466,984; Sept. 4.
Blaser, George U., assignor to Kelly Springfield Tire Company, Cumberland, Md. Vehicle tire. Des. 63,097; Oct. 2.
Blaskie, Bernard J., and H. E. Bleier, Mishawaka, Ind. Pencil holder. 1,478,170; Dec. 18.
Blass, Carl J., assignor to The Lakewood Engineering Company, Lakewood, Ohio. Coupling. 1,453,059; Apr. 24.
Blatch, Francis H. (See Wilmot, G. W., and Blatch.)
Blatchford Calf Meal Company. (See Barwell, J. W., Ward, Nelson, Hingher, Booth, and Blows, assignors.)
Blatecky, Joe, Racine, Wis. Planting machine. 1,454,949; May 15.
Blatter, John W. (See Mitchell, S. J., Gabbert, and Blatter.)
Blattner, Carl F. (See Hennessy, J. E., and Blattner.)
Blattner, David G., assignor to Western Electric Company, Incorporated, New York, N. Y. Transmission system. 1,459,434; June 19.
Blattner, David G., assignor to Western Electric Company, Incorporated, New York, N. Y. Testing circuits. 1,472,455; Oct. 30.
Blau, Ernst, Ratibor, Germany. Curve-forming rest for machine tools. 1,459,874; June 26.
Blaufuss, George, Napa, Calif. Water filter. 1,475,534; Nov. 27.
Blauhorn, Emanuel, Vienna, Austria. Injector. 1,457,140; May 29.
Blauvelt, Frederic D., Glen Ridge, N. J. Valve. 1,478,815; Dec. 25.
Blaw, Jacob B., Atlantic City, N. J. Adjustable fire-hose-nozzle support. 1,444,900; Feb. 13.
Blaw, Jacob B., Atlantic City, N. J. Adjustable fire-nozzle support. 1,451,006; Apr. 10.
Blaw-Knox Company. (See Brynoldt, Christian, assignor.)
Blaw-Knox Company. (See Knox, Luther L., assignor.)
Blaw-Knox Company. (See Lehman, Irvin F., assignor.)
Blaw-Knox Company. (See Lorterman, Howard B., assignor.)

Alphabetical list of patentees—Continued.

Blaw-Knox Company. (See McArthur, Charles D., assignor.)
Blaw-Knox Company. (See Rawley, Wayne, assignor.)
Blaw-Knox Company. (See Shipman, William P., assignor.)
Blaw-Knox Company. (See Venable, William M., assignor.)
Bleadon, J. J. (See Collins, George, assignor.)
Bleakley, David E., Oakland, Calif. Concentrator. 1,443,608; Jan. 30.
Bledsoe, Howard F., Ellensburg, Wash. Inner tube. 1,455,038; May 15.
Bledsoe, Robert C., assignor of one-half to G. D. Bengy, Liggett, Ky. Dumping vehicle. 1,476,871; Dec. 11.
Bleecker, Warren F., Boulder, Colo. Impervious material and its production. 1,462,003; July 17.
Bleecker, Warren F., Boulder, Colo. Concentrating carnotite ores. 1,478,631; Dec. 25.
Bleecker, Warren F., assignor to The Tungsten Products Company, Boulder, Colo. Extraction of vanadium and radium from carnotite ores. 1,445,660; Feb. 20.
Bleecker, Warren F., assignor to The Tungsten Products Company, Boulder, Colo. Electric furnace. 1,469,033; Sept. 25.
Bleibtreu, Hermann, assignor to The Baldwin Locomotive Works, Philadelphia, Pa. Powdered-fuel burner. 1,454,664; May 8.
Bleier, Herman E. (See Blaskie, B. J., and Bleier.)
Bleistein, Walter, Koenigswusterhausen, Germany, assignor, by mesne assignments, to American Investigation Corporation, New York, N. Y. Stateroom, drawing room, and similar compartment. 1,441,909; Jan. 9.
Blekastad, Karl S., Stillwater, Wash. Baby carrier. 1,464,404; Aug. 7.
Bleloch, William E. (See Stockman, Harry A., assignor.)
Blériot, Louis, Suresnes, France. Aeroplane or the like. 1,441,056; Jan. 2.
Blessen, Frederick G., Creston, Nebr. Harvester. 1,457,341; June 5.
Blessing, Charles B., assignor to Blessing Electric and Manufacturing Company, Chicago, Ill. Casing for fruit-juice extractor. Des. 63,066; Oct. 2.
Blessing Electric and Manufacturing Company. (See Blessing, Charles B., assignor.)
Blessing, John G., assignor to Automatic Electric Company, Chicago, Ill. Impulse transmitter for automatic telephone systems. 1,444,777; Feb. 13.
Blest, Minot C., Bellevue, assignor to Pressed Steel Car Company, Pittsburgh, Pa. Brake mechanism. 1,473,006; Nov. 6.
Blevans, James L. D., Dallas, Tex. Boot and liner for automobile and similar casings. 1,460,659; July 3.
Blevins, John A., et al. (See Hachmann, F., and Sickmann, assignors.)
Blewitt, Mary A., New York, and E. W. Petterson, Yonkers, N. Y. Invalid support. 1,448,783; Mar. 20.
Bley, Benjamin B., Waco, Tex. Set of playing cards. Des. 62,466; June 12.
Bley, Julius, Duval, Saskatchewan, Canada. Packer and hitch therefor. 1,463,243; July 31.
Blin, Jules A., Paris, France. Metal bedstead. 1,478,937; Dec. 25.
Blinn, Edmund B. (See Barkschat, Henry, assignor.)
Bliss Brothers Company. (See Foley, John F., assignor.)
Bliss, Clyde H., Birmingham, Ala. Continuous brick-molding machine. 1,440,715; Jan. 2.
Bliss, Clyde H., Birmingham, Ala. Stripping and conveying mechanism for continuous brick and tile machines. 1,440,716; Jan. 2.
Bliss, Donald M. (See Sherman, H. B., and Bliss.)
Bliss, Donald M., assignor to H. B. Sherman Manufacturing Co., Battle Creek, Mich. Starting switch. 1,442,517; Jan. 16.
Bliss, Donald M., assignor to H. B. Sherman Manufacturing Co., Battle Creek, Mich. Combined bushing-retaining screw and lubricator. 1,470,801; Oct. 16.
Bliss, E. W., Company. (See Duston, Ernest W., assignor.)
Bliss, E. W., Company. (See Gabriel, Charles R., assignor.)
Bliss, E. W., Company. (See Klocke, William, assignor.)
Bliss, E. W., Company. (See Malm, Axel C. V., assignor.)
Bliss, E. W., Company. (See Patrick, I., and Holstead, assignors.)
Bliss, E. W., Co. (See Towne, Walter M., assignor.)
Bliss, Elsie S., Brookline, Mass. Shade. 1,459,715; June 26.
Bliss, George H., assignor to H. B. Cushman, Malden, Mass. Cover for butter tubs, etc. 1,442,462; Jan. 16.
Bliss, Herbert R., Niagara Falls, N. Y. Sealing fiber shipping cases. 1,452,588; Apr. 24.
Bliss, John, London, England. Burner for fluid fuel. 1,462,680; July 24.
Bliss, Sherwood C., Buffalo, N. Y., assignor to American Radiator Company, Chicago, Ill. Mold-material-projecting machine. 1,472,957; Nov. 6.
Bliss, William L., Niagara Falls, N. Y., assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Car-heating system. 1,440,655; Jan. 2.
Bliss, William L., assignor to U. S. Light & Heat Corporation, Niagara Falls, N. Y. Automobile starter and generator. 1,442,791; Jan. 16.
Bliss, William L., assignor to U. S. Light & Heat Corporation, Niagara Falls, N. Y. System of electrical distribution. 1,471,093; Oct. 16.
Blitch, John B. S., Beach, Ga. Device for securing mailable matter. 1,459,716; June 26.
Blixt, Terry. (See Frozeth, E. E., and Blixt.)
Bloch, Jacob, et al. (See Wagner, Albert G., assignor.)
Bloch, L. D., & Co. (See Strich, Harold J., assignor.)
Blocker, Preston B., Silver City, N. Mex. Tire chain. 1,471,586; Oct. 23.
Blocker, Samuel J., Mexia, Tex. Radiator cap. 1,441,326; Jan. 9.
Blodgett, Frank C., assignor of one-half to F. J. Seidl, Minneapolis, Minn. Grain-cleaning machine. 1,477,028; Dec. 11.
Blodgett, George R., M. E. Cheney, Brooklyn, and R. T. Hurley, New York, N. Y. Making spark plugs. 1,451,677; Apr. 17.
Blodgett, John E., Holland, Mass. Gear construction. 1,468,794; Sept. 25.
Blombach, Daniel, Keene, N. H. Attachment for weaving machines. 1,441,962; Jan. 9.
Blomberg, Tage R., Huvudsta, Sweden. Roller cage for roller bearings. 1,443,340; Jan. 30.
Blomquist, August E. R., assignor to The Blomquist-Eck Machine Company, Cleveland, Ohio. Metal-working machinery. 1,448,721; Mar. 20.
Blomquist, August E. R., Cleveland, Ohio, assignor to Kelsey Wheel Company, Inc., Detroit, Mich. Wheel-making machine. 1,459,010; June 19.
Blomquist-Eck Machine Company, The. (See Blomquist, August E. R., assignor.)
Blomster, Albert G., San Diego, Calif. Smoking pipe. 1,468,795; Sept. 25.
Blomster, Albert G., San Diego, Calif. Smoking pipe. 1,477,029; Dec. 11.
Blomstran, William G., Menominee, Mich. Universal vise and vise jaw. 1,459,717; June 26.
Blomstrom, Charles, Minneapolis, Minn. Bath and scrubbing cloth holder. 1,467,086; Sept. 4.
Blong, Thomas J., St. Louis, Mo. Electro-heat-radiating device for water-heating systems. 1,456,863; May 29.
Blonigen, Peter G., Roscoe, Minn. Self-feeder for corn shredders. 1,443,206; Jan. 23.
Blood, Bryant H., Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Gauge. 1,440,441; Jan. 2.
Blood, Bryant H., Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Adjustable limit gauge. 1,440,442; Jan. 2.
Blood, Bryant H., Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Gauge. 1,470,802; Oct. 16.
Blood, Bryant H., Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Work support for measuring machines. 1,477,206; Dec. 11.
Blood, Bryant H., Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Gauge. 1,477,533; Dec. 18.
Blood, Bryant H., Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Adjustable ring gauge. 1,477,534; Dec. 18.
Blood, Burr B., assignor, by mesne assignments, to Jewel Phonoparts Company, Chicago, Ill. Tone arm for phonographs. 1,468,224; Sept. 18.
Blood, Charles W. H., Winthrop, and C. G. Osteman, assignors to S. A. Woods Machine Company, Boston, Mass. Side-head construction for matchers and the like. 1,456,864; May 29.
Blood, Harold L., Plainfield, N. J., assignor to Niles-Bement-Pond Company, New York, N. Y. Broaching mechanism. 1,454,102; May 8.
Blood, Harold L., Plainfield, N. J., assignor to Niles-Bement-Pond Company, New York, N. Y. Planer and system of motor control therefor. 1,458,613; June 12.
Blood, Harold L., Plainfield, N. J., assignor to Niles-Bement-Pond Company, New York, N. Y. Lathe-controlling mechanism. 1,469,354; Oct. 2.
Blood, Harold L., Plainfield, N. J., assignor to Niles-Bement-Pond Company, New York, N. Y. Planer and system of motor control therefor. 1,472,824; Nov. 6.
Blood, Harold L., Plainfield, N. J., assignor to Niles-Bement-Pond Company, New York, N. Y. Click box. 1,475,274; Nov. 27.
Blood, Oscar M., Herman, Minn. Drag. 1,473,457; Nov. 6.
Bloodgood, James H., assignor to J. M. Baker and H. L. Dolive, Tampa, Fla. Universal woodworking tool. 1,457,492; June 5.
Bloodgood, Vivian C. (See Hawkins, W. G., and Bloodgood.)
Bloodgood, Vivian C. (See Hawkins, W. G., Bloodgood, and Donnellan.)
Bloom, August L., Margie, Minn. Belt buckle. 1,464,147; Aug. 7.
Bloom, David, Berkeley, assignor of one-fourth to W. M. Allen, San Francisco, Calif. Closure for containers. 1,459,277; June 19.
Bloom, Edgar J., Tiffin, Ohio. Force pump. 1,451,861; Apr. 17.
Bloom, Edgar J., Tiffin, Ohio. Force pump. 1,470,347; Oct. 9.
Bloom, Edward, Paterson, N. J. Loom. 1,460,050; June 26.

Bloom, Joseph, New York, N. Y. Stitch wheel for knitting machines. 1,475,045; Nov. 20.

Bloom, Ottis G., Wilkes-Barre, Pa. Shock absorber. 1,475,044; Nov. 20.

Bloomfield, Arthur E., and L. L. French, assignor to Whit-Field Map Company, Incorporated, Rochester, N. Y. Holder for maps, charts, or the like. 1,443,558; Jan. 30.

Bloomfield, Sophia P. (See Gray, Everett E., assignor.)

Bloomquist, Bernhardt W., Seattle, Wash. Vertical-control device for airplanes. 1,468,772; Sept. 25.

Bloss, Guy E., Portland, Oreg. Tire case. 1,459,319; June 19.

Bloss, Richard R., assignor to The International Derrick & Equipment Company, Columbus, Ohio. Bull-wheel structure for drilling rigs. 1,477,237; Dec. 11.

Bloss, Walter R., Muscle Shoals, Ala. Crane hook. 1,471,094; Oct. 16.

Blosser, John E. (See Tong, J. T., and Blosser.)

Blossfeld, Emil, Oakland, Calif. Wood-core-wall-board machine. 1,450,060; Mar. 27.

Blot, Lucien P., assignor to The Peck, Stow & Wilcox Co., Southington, Conn. Bench vise. 1,452,062; Apr. 17.

Blount, Arlington A., assignor to Sleeper & Hartley, Inc., Worcester, Mass. Coiling machine. 1,453,431; May 1.

Blount, Benjamin H., Houston, Tex. Ice receptacle. 1,453,266; May 1.

Blount, Blanton E., Palestine, Tex. Dirt-road drag. 1,440,717; Jan. 2.

Blount, Frank R., Punta Gorda, Fla. Container for cakes, crackers, and the like. 1,443,207; Jan. 23.

Blount Plow Works. (See Phelps, Spencer H., assignor.)

Blows, Wilbur L. (See Barwell, J. W., Ward, Nelson, Hingher, Booth, and Blows.)

Blublaze Motor Specialties Corp. (See Shearer, Vance, assignor.)

Blue, Chilton W., assignor to Janney & Company, Montgomery, Ala. Meter box. 1,459,462; June 19.

Blue Island Specialty Company. (See Montag, Christopher F., assignor.)

Bluemel, Gustave, assignor to Furguson Furnace Company, Toledo, Ohio. Heater and kindler. 1,455,069; May 15.

Bluemel, Gustave, Toledo, Ohio. Automatic rotary heating furnace. 1,474,705; Nov. 20.

Blum, David. (See Kissner, H., and Blum.)

Blum, George W., San Francisco, Calif. Camera. 1,470,708; Oct. 16.

Blum, Joseph K., Greenburgh, assignor to K-B Pulverizer Company, Inc., New York, N. Y. Hammer adjustment. 1,459,568; June 19.

Blum, Joseph K., Greenburgh, assignor to K.-B. Pulverizer Company, New York, N. Y. Disintegrator. 1,469,877; Oct. 9.

Blum, Julius, Ardsley-on-Hudson, N. Y. Nonslipping, cleanable tread. 1,441,327; Jan. 9.

Blum, Mat, Chicago, Ill. Fruit gatherer. 1,447,957; Mar. 13.

Blume, Louis F., Pittsfield, Mass., assignor to General Electric Company. Winding machine. 1,444,453; Feb. 6.

Blumenthal, Israel C., New York, N. Y. Hand bag. 1,467,919; Sept. 11.

Blumenthal, Maurice, Brooklyn, N. Y. Means for and method of producing concrete piles. 1,443,306; Jan. 23.

Blumenthal, Maurice, Brooklyn, N. Y. Waterproof concrete pile. 1,447,407; Mar. 6.

Blumenthal, Maurice, Brooklyn, N. Y. Concrete pile and forming same. 1,449,032; Mar. 20.

Blumenthal, Maurice, Brooklyn, N. Y. Combination container. 1,467,632; Sept. 11.

Blumenthal, Maurice, Brooklyn, N. Y. Tire wrapper. 1,470,138; Oct. 9.

Blunk, Heinrich. (See Imhoff, K., and Blunk.)

Blunt, James G., Schenectady, N. Y. Truck-box cellar. 1,457,893; June 5.

Blunt, James G., Schenectady, N. Y. Hub liner for railway vehicles. 1,457,894; June 5.

Blunt, Lawrence C., Denver, Colo. Making candy. 1,467,351; Sept. 11.

Blustein, Harry, and E. E. Rhodes, Charleston, W. Va. Hammer. 1,443,864; Jan. 30.

Blye, Harold, Grand Rapids, Mich. Hardware construction. 1,441,394; Jan. 9.

Blyth, Charles E., Dunchurch, near Rugby, England. Machine for the production of powdered fuel. 1,446,151; Feb. 20.

Bo, Sigurd, assignor to Cinder Products Corporation, Lockport, N. Y. Making plastic bodies from coal ashes and a plastic body made from such method. 1,466,083; Aug. 28.

Boa, Robert G. C., Herkimer, assignor to Remington Accounting Machine Corporation, New York, N. Y. Calculating machine. 1,462,567; July 24.

Boal, Arthur R., and C. O'Brien, New York, N. Y. Display case. 1,476,872; Dec. 11.

Boals, Harry R., assignor to Corning Glass Works, Corning, N. Y. Mold. 1,449,808; Mar. 27.

Board, Jason W., Buffalo, W. Va. Crosstie. 1,442,598; Jan. 16.

Boardman, Albert, Hamilton, Ontario, Canada, assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for treating glass. 1,472,456; Oct. 30.

Boardman, Charles H., Columbus, Ohio. Crib. 1,465,413; Aug. 21.

Boardman, Charles H., Columbus, Ohio. Crib. 1,465,414; Aug. 21.

Boardman, Sidney R., Los Angeles, Calif. Washing machine. 1,471,234; Oct. 16.

Boatright, Lenore, Sausalito, Calif. Doll. Des. 62,189; Apr. 10.

Boatsman, Carl E., et al. (See Boatsman, Deark J., assignor.)

Boatsman, Deark J., assignor of twenty-four one-hundredths to C. E. Boatsman and twenty-five one-hundredths to R. A. Burch, Elk, Wash. Vehicle brake. 1,476,439; Dec. 4.

Bobb, John W., Hillsboro, Ohio. Automobile spring. 1,464,238; Aug. 7.

Bobbitt, James F., Greenwood, Miss. Toy vehicle. 1,474,577; Nov. 20.

Bobek, John, Trevorton, Pa. Knife lock. 1,454,665; May 8.

Bobeldyk, Marinus, Armour, S. Dak. Indicator for grain spouts. 1,459,463; June 19.

Bobenhouse, Herman H., et al. (See Whitcomb, James, assignor.)

Bobseine, Frank J., Gowanda, N. Y. Gutter-cleaning device for stables. 1,441,555; Jan. 9.

Bocci, Thomas L. (See Fippins, Benjamin F., assignor.)

Bock Bearing Company, The. (See Bingham, Jeremiah, assignor.)

Bock Bearing Company, The. (See Close, Lyman W., assignor.)

Bock Bearing Company, The. (See Flaherty, John F., assignor.)

Bock, Everett M., Elkhart, Ill. Railway-crossing signal. 1,463,758; July 31.

Bock, Herman, assignor of one-half to J. Sander, Milwaukee, Wis. Traffic signal. 1,448,379; Mar. 13.

Bock, Joseph C., Brooklyn, and S. R. Benedict, New York, N. Y. Combined colorimeter nephelometer. 1,456,964; May 29.

Bock, William, Racine, Wis. Guide for match plates. 1,458,206; June 12.

Bockhoff, William F., assignor to The National Automatic Tool Company, Richmond, Ind. Universal joint. 1,442,921; Jan. 23.

Bockisch, Heinrich, Poughkeepsie, deceased, by G. W. Gittins, administrator, assignor to Welte-Mignon Corporation, New York, N. Y. Automatic musical instrument. 1,440,763; Jan. 2.

Bockisch, Heinrich, deceased, Poughkeepsie, by G. W. Gittins, administrator, assignor to Welte-Mignon Corporation, New York, N. Y. Note sheet for automatic musical instruments. 1,470,550; Oct. 9.

Bockisch, Heinrich, deceased, Poughkeepsie, by G. W. Gittins, administrator, assignor to Welte-Mignon Corporation, New York, N. Y. Starting device for synchronizers. 1,470,551; Oct. 9.

Bockover, Walter L., and J. W. McNamara, Tipton, Ind. Mat. 1,457,141; May 29.

Bockshe, Ely, assignor to Modern Grinder Mfg. Co., Milwaukee, Wis. Grinder. 1,464,595; Aug. 14.

Bockstege, Fred W., Evansville, Ind. Combination sideboard and china cabinet. Des. 62,934; Aug. 28.

Bockstege, Fred W., Evansville, Ind. Folding table. Des. 62,935; Aug. 28.

Boda, Joseph, assignor, by mesne assignments, to Moline Plow Company, Incorporated, Moline, Ill. Power lift for plows. 1,472,627; Oct. 30.

Boda, Lee M. (See Boda, William J., assignor.)

Boda, William J., Dayton, assignor of one-half to L. M. Boda, Columbus, Ohio. Window structure. 1,447,408; Mar. 6.

Boddie, Clarence A. (See Bradshaw, W. M., and Boddie.)

Boddie, Clarence A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Grinder regulator system. 1,442,041; Jan. 16.

Boddie, Clarence A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Grinder regulator system. 1,442,042; Jan. 16.

Boddie, Clarence A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Furnace-regulator system. 1,449,578; Mar. 27.

Boddie, Clarence A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Furnace-regulator system. 1,449,579; Mar. 27.

Boddie, Clarence A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Furnace-regulator system. 1,449,879; Mar. 27.

Boddie, Clarence A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Furnace-regulator system. 1,449,880; Mar. 27.

Boddie, Clarence A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Furnace-regulator system. 1,449,881; Mar. 27.

Boddie, Clarence A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Furnace-regulator system. 1,449,882; Mar. 27.

Boddie, Clarence A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Furnace-regulator system. 1,449,883; Mar. 27.

Boddie, Clarence A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Furnace-regulator system. 1,449,884; Mar. 27.

Boddie, Clarence A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Furnace-regulator system. 1,449,885; Mar. 27.

Boddie, Clarence A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Furnace-regulator system. 1,449,886; Mar. 27.

Boddie, Clarence A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Furnace-regulator system. 1,449,887; Mar. 27.

Boddie, Clarence A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Furnace-regulator system. 1,449,888; Mar. 27.

Boddie, Clarence A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Furnace-regulator system. 1,449,889; Mar. 27.

Boddie, Clarence A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Furnace-regulator system. 1,449,890; Mar. 27.

Boddie, Clarence A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Voltage-regulator system. 1,470,682; Oct. 16.

Boddie, Clarence A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric regulator system. 1,475,737; Nov. 27.

Boddie, Clarence A., Wilkinsburg, Pa., assignor to West inghouse Electric & Manufacturing Company. Regulator for regenerative control systems. 1,448,380; Mar. 13.

Boddie, Clarence A., Pittsburgh, and R. E. Cullings, Wilkinsburg, Pa., assignors to Westinghouse Electric & Manufacturing Company. Regulator system. 1,470,681; Oct. 16.

Boddy, Harry V., Marceline, Mo. Lubricating journal box for car axles. 1,462,736; July 24.

Bodge, William. (See Parks, F. J., and Bodge.)

Bodker, Martin H., Butte, Mont. Kitchen cabinet. 1,448,253; Mar. 13.

Boeder, Ludwig A., F. Kummer, and F. Paull, Lucerne, Switzerland. Apparatus for printing the postage on goods to be mailed. 1,446,152; Feb. 20.

Bodman, John W., Western Springs, Ill., assignor to William Garrigue & Company, Inc., New York, N. Y. Manufacturing soap. 1,473,396; Nov. 6.

Bodmar, Friedrich, Ostbahn, near Berlin, Germany. Preserving wood. 1,473,899; Nov. 13.

Bodnar, Frank R., Bridgeport, Conn. Window-sash lock. 1,453,698; May 1.

Bodnar, John, Springfield, Mass. Can opener. 1,451,320; Apr. 10.

Body, Paul E., Walkerville, Ontario, Canada. Container cap. 1,458,027; June 5.

Boe, Harry F. (See Waile, J. H., and Boe.)

Boe, Helmer J., Chicago, and B. J. Egert, Brookfield, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Stop mechanism. 1,459,435; June 19.

Boechat, Lucien, Rittman, Ohio. Manicuring tool. 1,473,007; Nov. 6.

Boeckly, Paul. (See Mayer, H., Schlatter, and Boeckly.)

Boecler, Albert, Malmo, Sweden, assignor to Benzine Condensation Co. Inc., New York, N. Y. Producing seamless articles of caoutchouc. 1,475,738; Nov. 27.

Boehm, Rudolph A., assignor to Rickert-Shafer Company, Erie, Pa. Screw-cutting machine. 1,470,683; Oct. 16.

Boehme, Herman O., New York, N. Y. Soldering machine. 1,478,696; Dec. 25.

Boehmer, Frank. (See Wieland, George E. M., assignor.)

Boehncke, Frank E., Woodhaven, N. Y. Window screen. 1,478,168; Dec. 18.

Boehringer, Joseph A., Buffalo, N. Y. Banjo piano. 1,467,087; Sept. 4.

Boehringer Sohn Chemische Fabrik. (See Stenzl, Hans, assignor.)

Boenning, William M., Manitowoc, Wis. Vehicle shock absorber. 1,440,905; Jan. 2.

Boenning, William M., Manitowoc, Wis. Snubber. 1,446,958; Feb. 27.

Boesch, Harry L., Washington, D. C., assignor to the Government of the United States. Torpedo. 1,440,577; Jan. 2.

Boesche, Charles R. (See Mitchell, C. F., and Boesche.)

Böessner, Otto, Munich, Germany. Link belt. 1,441,556; Jan. 9.

Boettcher, Arthur H. (See Jennings, James J., assignor.)

Boettcher, William J. F., Chicago, Ill. Cue-trimming machine. 1,441,395; Jan. 9.

Boettner, John F., Watson, Mo. Team-operated wagon brake. 1,465,803; Aug. 21.

Bogard, Frank T., assignor to R. H. Marchant, Oakland, Calif. Flexible attachment for trolley poles. 1,463,244; July 31.

Bogardus, Leonard R., assignor to Packard Motor Car Company, Detroit, Mich. Dynamometer-control apparatus. 1,477,474; Dec. 11.

Bogart, Charles W., assignor to Russell, Burdsall & Ward Bolt and Nut Company, Port Chester, N. Y. Tap. 1,458,614; June 12.

Bogart, Edward, et al. (See Lemoigne, William, assignor.)

Bogaty, Hermann. (See Schwartz, W. M., and Bogaty.)

Bogdanov, Anton. (See Dupcza, Peter A., assignor.)

Boge, Adolf, Solingen, Germany. Lock. 1,472,043; Oct. 30.

Boggan, James B. (See Martin, H. L., Noah, and Boggan.)

Boggess, James H., assignor to Longdin-Brugger Company, Fond du Lac, Wis. Curtain-carrying attachment for vehicles. 1,456,669; May 29.

Boggio, Guisto, Royalton, Ill. Bottle closure. 1,471,937; Oct. 23.

Boggs, Angus G., deceased, San Francisco, Calif.; M. H. Boggs, executrix. Water-heating apparatus. 1,465,109; Aug. 14.

Boggs, Atwood L., Brookline, Mass. Fish cooler and carrier. 1,465,110; Aug. 14.

Boggs, Atwood L., assignor to Perfection Cooler Company, Stoughton, Mass. Knockdown stool. 1,467,830; Sept. 11.

Boggs, Mae H., executrix. (See Boggs, Angus G.)

Boggs Mfg. Corp. (See Hoxter, Allen T., assignor.)

Bogh, Fred A. et al. (See Childs, George J., assignor.)

Bogie, George M., and A. Smithson, Glenwood, Minn. Horseshoe. 1,451,007; Apr. 10.

Bogle, John C. (See Sands, R. G., Bogle, and Folds.)

Bogle, John C., Oak Park, assignor to Cook Electric Company, Chicago, Ill. Renewable electric fuse. 1,443,865; Jan. 30.

Bogle, John C., Oak Park, assignor to Frank B. Cook Company, Chicago, Ill. Fuse. 1,469,767; Oct. 2.

Bogley, Reuben A., Washington, D. C. Hat holder. 1,458,638; June 12.

Bogsrud, Thorvald, and A. R. Henriksen, Holen, Norway. Sanitary device for water-closets and the like. 1,443,205; Jan. 23.

Bogusch, Emil G., assignor of one-fourth to C. E. Wisner, Detroit, Mich. Internal-combustion engine. 1,474,617; Nov. 20.

Bogusky, Antoni, New York, N. Y. Meat oven. 1,444,945; Feb. 13.

Bohan, William J., St. Paul, Minn. Car construction. 1,457,296; June 5.

Bohannon, Charles R., assignor of one-half to G. E. Watson, Highland Park, Ky. Internal-combustion engine. 1,466,783; Sept. 4.

Bohannon, Wilson, Inc. (See Sauerbrei, William N., assignor.)

Bohart, George S., Washington, D. C., assignor to G. H. Whittingham, trustee, Baltimore, Md. Dye and making same. 1,464,802; Aug. 14.

Bohart, George S., Washington, D. C., assignor to G. H. Whittingham, trustee, Baltimore, Md. Dyeing. 1,464,803; Aug. 14.

Bohland, Carl P., St. Paul, Minn. Washing bowl. 1,467,994; Sept. 18.

Böhle, Karl, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the Ruhr, Germany. Press for stamping flanged end plates and the like. 1,446,373; Feb. 20.

Böhle, Karl, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Swaging press. 1,451,756; Apr. 17.

Böhle, Karl, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Press for producing hollow bodies. 1,470,593; Oct. 16.

Böhle, Karl, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Press for manufacturing sheet metal and plates with turned-up outer edges. 1,456,586; May 29.

Bohlin, Arvid, Trenton, N. J. Knife sharpener. 1,462,080; July 17.

Bohlin, Nels and S. Forner, Chicago, Ill. Transmission gearing for motor vehicles. 1,477,208; Dec. 11.

Bohlman, Ernest A., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Desk-stand base. 1,450,169; Apr. 3.

Bohlman, Ernest A., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Switchboard lamp. 1,469,208; Oct. 2.

Bohlman, Ernest A., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Key. 1,472,787; Nov. 6.

Bohlman, George J., Medford, assignor to American Water Supply Co. of New England, Boston, Mass. Paper cup. 1,448,329; Mar. 13.

Böhm, Ludwig. (See Ruhland, Max, assignor.)

Böhme, Kurt, Berlin-Siemensstadt, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Selecting switch for use in telephone systems. 1,450,352; Apr. 3.

Böhmer, Max, Chemnitz, Germany, assignor to O. A. Belger, Newtonville, Mass. Wool-combing machine. Re15,528; Jan. 16.

Bohmker, John C., Kankakee, assignor to Sears, Roebuck and Co., Chicago, Ill. Spreader. 1,445,265; Feb. 13.

Bohmker, John C., and J. Geistwhite, Kankakee, assignors to Sears, Roebuck and Co., Chicago, Ill. Double-disk harrow. 1,442,599; Jan. 16.

Bohn, Herman W. (See Stuetzel, A., and Bohn.)

Bohner, Clyde C., Chicago, Ill., assignor to General Electric Company. Glassworking mold. 1,462,362; July 17.

Bohnert, C. & W. (See Weber, Georg, assignor.)

Bohnhardt, Charles F. H., assignor to The Crown Cork and Seal Company of Baltimore City, Baltimore, Md. Process of and apparatus for renovating coated metal sheets. 1,457,688; June 5.
Bohock, Joseph J., assignor of thirty-five per cent to C. Kyff and thirty per cent to A. Purcell, Yonkers, N. Y. Color box. 1,462,479; July 24.
Bohr, Henry B., assignor to The Julian & Kokenge Company, Cincinnati, Ohio. Shoe. 1,461,793; July 17.
Bohrer, Stuart A., Chicago, Ill. Reversible cuff. 1,444,901; Feb. 13.
Bohrmann, William C., Belvedere, Calif. Abrasive device. 1,469,404; Oct. 2.
Bohue, William A. (See Peirson, C. H., and Bohue.)
Boice, Harry. (See Dudley, P. E., and Boice.)
Boice, William T., Nashua, Iowa. Combined pencil sharpener and holder. 1,474,885; Nov. 20.
Boileau, Walter K., Baltimore, Md., assignor to Pittsburgh Oil Refining Corporation. Treating brake and transmission bands. Re. 15,543; Feb. 20.
Boirault, Louis, Paris, France. Brake-operating device for railway vehicles. 1,440,443; Jan. 2.
Boirault, Louis, Paris, France. Brake-operating mechanism. 1,445,065; Feb. 13.
Boisset, Charles, New Orleans, La. Cork-inserting machine. 1,474,227; Nov. 13.
Boisvert, Joseph L., Bourbonnais, Ill. Poultry nest. 1,461,303; July 10.
Boitnott, Samuel H., Roanoke, Va. Direction indicator for motor vehicles. 1,455,422; May 15.
Bojtos, Dezsö, Roebling, N. J. Waterproof boot. 1,469,291; Oct. 2.
Boker Cutlery & Hardware Company. (See Redman, Charles H., assignor.)
Boker, H., & Co., Inc. (of N. J.). (See Redman, Walter H., assignor.)
Böker, Hermann Heinrich, & Co. (See Grimme, Johannes, assignor.)
Boker, Vitus A., Minneapolis, Minn. Check protector. 1,441,778; Jan. 9.
Bolan, James, Boston, Mass. Two-part piston for internal-combustion engines. 1,463,245; July 31.
Boland, William P. (See Dougherty, John J., assignor.)
Bolander, John A., Berkeley, Calif. Banjo. 1,454,620; May 8.
Bolander, L. Ph., & Son. (See Bolander, Louis P. assignor.)
Bolander, Louis P., assignor to L. Ph. Bolander & Son, San Francisco, Calif. Revolving flagpole truck. 1,448,825; Mar. 20.
Bolander, Louis P., assignor to L. Ph. Bolander & Son, San Francisco, Calif. Counterbalanced flagpole. 1,470,320; Oct. 9.
Bole, Robert E., Los Angeles, Calif. Grinding and polishing machine. 1,442,381; Jan. 16.
Bolei, Jesse, Stockton, Ill. Hook. 1,475,046; Nov. 20.
Bolek, John J. (See Ryzowicz, L., and Bolek.)
Boléns, Coite H., et al., administrators. (See Bowser, Augustus.)
Bolens, Harry W., Port Washington, Wis. Chair iron. 1,459,138; June 19.
Boley, Ernst, Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Continuously cleaning and drawing wire. 1,470,374; Oct. 9.
Boley, Ernst, Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Continuous-wire-drawing bench. 1,470,375; Oct. 9.
Boley, Warren, Lodi, Ohio. Cable hanger. 1,469,578; Oct. 2.
Bolf, John, Miles, Tex. Animal poke. 1,446,959; Feb. 27.
Bolf, John, Miles, Tex. Animal trap. 1,452,355; Apr. 17.
Bolgár, Sándor, Vienna, Austria, assignor to J. Breyer, Nashville, Tenn. Chain and making same. 1,452,408; Apr. 17.
Bolger, Edward, New York, N. Y. Oiling device. 1,469,616; Oct. 2.
Bolger, Robert S. (See Masury, A. F., and Bolger.)
Bolger, Robert S., New York, N. Y. Laminated spool. 1,445,931; Feb. 20.
Bolger, Robert S., assignor to International Motor Company, New York, N. Y. Motor-truck sprinkler and flusher. 1,448,910; Mar. 20.
Bolger, Robert S., assignor to International Motor Company, New York, N. Y. Extension ladder. 1,457,100; May 29.
Bolger, Robert S., assignor to International Motor Company, New York, N. Y. Aerial extension ladder. 1,470,139; Oct. 9.
Bolin, John H. (See Rawson, Myron R., assignor.)
Bolinder, Erik A., Stockholm, Sweden. Making barrels and casks. 1,476,041; Dec. 4.
Bolitho, John B., et al. (See Goldstone, Frederick G., assignor.)
Bolkesjö, Leif T., Notodden, Norway. Turning indicator for automobiles. 1,454,012; May 1.
Boll, William H. P., assignor to Phoemco Limited, Sydney, New South Wales, Australia. Collapsible container. 1,443,614; Jan. 30.
Boller, George C. and W. B., Loomis, Calif. Fruit-press crate and cleat-positioning machine. 1,452,866; Apr. 24.
Boller, George C., Loomis, and E. Clarenbach, Gridley, Calif. Spoke tightener. 1,470,137; Oct. 9.
Boller, Warren B. (See Boller, George C. and W. B.)
Bolles, Robert O., et al., trustees. (See Snodgrass, C. W., and Whitmoyer, assignors.)
Bollheimer, Rhinehard, and E. T. Wilkens, Fort Loramie, Ohio. Wheeled grader. 1,460,225; June 26.
Bolling, Bartlett, jr., Charlotte, N. C. Method of and means for separating granular material. 1,445,197; Feb. 13.
Bollinger, Charles, Chicago, Ill. Draft gauge. 1,443,785; Jan. 30.
Bollinger, Frederick A., Akron, Ohio. Tire tread. Des. 63,279; Nov. 20.
Bollman, Grover E., Sugarcreek, Ohio. Tractor hitch. 1,462,930; July 24.
Bollman, Hermann, Hamburg, Germany. Obtaining lecithin from vegetable raw materials. 1,464,557; Aug. 14.
Bollman, Roland R., Cincinnati, Ohio, assignor to C. F. Hagan, Bristol, Va. Fuel-supply apparatus for internal-combustion engines. 1,441,209; Jan. 9.
Bollmann, Hermann, Hamburg, Germany. Distilling apparatus. 1,449,313; Mar. 20.
Bollmann, Hermann, Hamburg, Germany. Countercurrent apparatus. 1,474,062; Nov. 13.
Bolls, William W., Washington, D. C. Bead threading or display box. 1,467,352; Sept. 11.
Bolte, Joseph G., Davenport, Iowa. Tractor steering mechanism. 1,461,965; July 17.
Bolton, George J., Sayre, Pa. Toy. 1,455,473; May 15.
Bolton, George W., Detroit, Mich. Artificial bait. 1,477,864; Dec. 18.
Bolton, Jack R. (See Williams, J. D., Bolton, and Strune.)
Boltshauser, Heinrich, Zurich, Switzerland. Steam-turbine-driven locomotive. 1,464,024; Aug. 7.
Boltshauser, Heinrich, Zurich, Switzerland. Steam-driven locomotive. 1,465,111; Aug 14.
Bomar, Harry J. (See Wagnon, W. P., and Bomar.)
Bombardie, Charles H., Chicago, Ill., assignor to Wirebounds Patents Company, Kittery, Me. Machine for use in making boxes. 1,463,382; July 31.
Bombrini Parodi-Delfino. (See Ferrari, Fabio, assignor.)
Bommer, Emil, Brooklyn, N. Y. Hinge. 1,447,641; Mar. 6.
Bonamy, Edward L. (See Elliott, P. J., and Bonamy.)
Bonanno, Lucille B., New York, N. Y., assignor to The Lowell Company, Lowell, Mass. Apparatus for molding the facial muscles. 1,443,725; Jan. 30.
Bond, Alexander R. (See Lescarboura, A. C., and Bond.)
Bond, Alexander R. (See Walker, J. B., and Bond.)
Bond, James E., Sawtelle, Calif. Burglar alarm. 1,461,206; July 10.
Bond, James W., assignor of one-half to W. J. Taylor, Columbia, S. C. Brace for radius rods. 1,450,426; Apr. 3.
Bond, Joe, Bessemer, Ala. Barbecue stove. 1,463,935; Aug. 7.
Bond, John S., Milwaukee, Wis., assignor to Worthington Pump and Machinery Corporation. Tube mill. 1,444,191; Feb. 6.
Bond, Joseph T., Phoenix, assignor, by mesne assignments, to Oswego Falls Corporation, Fulton, N. Y. Machine for making paper container bodies and the like. 1,478,098; Dec. 18.
Bond, Joseph W., Philadelphia, Pa., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,468,773; Sept. 25.
Bond Manufacturing Corporation. (See Bond, William G., assignor.)
Bond, William G., assignor to Bond Manufacturing Corporation, Wilmington, Del. Process of and apparatus for manufacturing articles of comminuted cork. 1,453,617; May 1.
Bondi, James, Buffalo, N. Y. Mold for cement blocks. 1,460,403; July 3.
Bondy, Richard S. (See Feder, Louis H., assignor.)
Bone, Benjamin F., et al. (See Dungan, John E., assignor.)
Bone, David R., Oglesby, Tex. Apparatus for hydrating lime. 1,469,209; Oct. 2.
Bonel, Spiro S., Detroit, Mich., assignor, by mesne assignments, to The Willys-Overland Company, Toledo, Ohio. Vehicle body construction and upholstery therefor. Re15,725; Nov. 27.
Bonelli, George A., Kingman, Ariz. Molding plastic structures and apparatus for use in same. 1,455,039; May 15.
Bonelli, George A., Kingman, Ariz. Spiral-wire-forming device. 1,471,235; Oct. 16.
Bonelli, Louis, Upper Montclair, N. J. Shoe tool. 1,451,288; Apr. 10.
Boner, Hans, Madulein, Switzerland. Saw for sawing trees. 1,450,540; Apr. 3.
Bonetto, Domenico, Roanoke, Ill. Fluid-motor system. 1,471,095; Oct. 16.
Boney, Ashton M. (See Bunker, J. W., and Boney.)
Bonfield, Emmons W., assignor to American Box Board Company, Grand Rapids, Mich. Shipping crate. 1,449,374; Mar. 27.
Bongiorni, Frank. (See Raggio, J., and Bongiorni.)
Bongirno, Andrew, Brooklyn, N. Y. Toy cat. Des. 62,214; Apr. 17.
Bonham, Charles, San Francisco, Calif. Sash-cord fastener. 1,471,938; Oct. 23.

Alphabetical list of patentees—Continued.

Bonheim, Frank M., St. Louis, Mo. Siphoning device. 1,465,207; Aug. 14.

Bonhôte, Gérald. (See de Montmollin, G., Spieler, and Bonhôte.)

Boniface, Arthur, New York, N. Y., assignor to Norton Company, Worcester, Mass. Slipproof stair unit. 1,458,681; June 12.

Bonifacino, Lawrence C., and M. B. Irby, Baltimore, Md. Tire armor. 1,456,421; May 22.

Boniger, Emil C., Davenport, Iowa. Mold for concrete blocks. 1,459,945; June 26.

Bonilla, Ralph S., New York, N. Y. Lock. 1,473,076; Nov. 6.

Bonin, Clement F., Denmark, Wis. Woodworking machine. 1,454,264; May 8.

Bonine, Charles E., Melrose Park, and H. W. Stauffer, Manheim, assignors to J. H. Moseman, Lancaster, Pa. Milk-can-washing machine. 1,475,535; Nov. 27.

Bonine, Charles E., Melrose Park, and H. W. Stauffer, Manheim, assignors to J. H. Moseman, Lancaster, Pa. Machine for washing milk cans or similar receptacles. 1,475,536; Nov. 27.

Boninsegni, Riccardo, Florence, Italy. Transmitting and reversing gear. 1,462,900; July 24.

Bonk, Frank, jr., Ripon, Wis. Automatic loop setter for motion-picture machines. 1,472,628; Oct. 30.

Bonk, Frank J., and A. W. Stewart, Ripon, Wis. Automatic electric-circuit-control mechanism. 1,461,207; July 10.

Bonnard, Georges, Plombieres, St. Marcel, France. Refining tin and antimony. 1,475,422; Nov. 27.

Bonnell, Dorothy, Winchester, Ky. Gaseous-fuel mixer. 1,453,656; May 1.

Bonnell, William A., Brooklyn, N. Y. Junction box and knock-out therefor. 1,477,806; Dec. 18.

Bönnelycke, Emil, Washington, D. C. Chart. 1,458,264; June 12.

Bonner-Charter Motor Company. (See Bonner, Clarence E., assignor.)

Bonner, Clarence E., New York, N. Y., assignor to Bonner-Charter Motor Company, Chicago, Ill. Lubricating system. 1,459,819; June 26.

Bonner, Fred W., Pottstown, Pa. Nonglare eyeshield. 1,462,532; July 24.

Bonner, Richard S., La Grange, Ark. Cotton-thinning machine. 1,472,288; Oct. 30.

Bonnet, François, Villefranche-sur-Saone, France. Molding apparatus for compressed blocks. 1,461,860; July 17.

Bonnet, Frederick C., Hamburg, N. Y., and R. Franklin, Durant, Okla. Oil-well fishing tool. 1,455,237; May 15.

Bonnet, Louis, Perpignan, France, assignor to J. Paisseau, Paris, France. Manufacture of artificial pearls. 1,466,575; Aug. 28.

Bonneville, Joseph H., Stamford, Conn., and H. S. Barnes, Yonkers, N. Y. Manifolding envelopes. 1,469,878; Oct. 9.

Bonney, Bick R., assignor to Stroud and Company, Omaha, Nebr. Steering means for drawn vehicles. 1,421,757; Apr. 17.

Bonney, George C. (See MacBride, G. W., and Bonney.)

Bonney, John C. G., Brooklyn, N. Y. Window-washing apparatus. 1,454,373; May 8.

Bonnie-B Company, The. (See Ashbrooke, John T., assignor.)

Bonom, Alfred, Paterson, N. J. Propelling blades for reversible steam turbines. 1,468,555; Sept. 18.

Bonom, Alfred, Paterson, N. J. Flexible and insulating, supporting, and reenforcing rings for crown blades of turbines. 1,468,694; Sept. 25.

Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 1,449,161; Mar. 20.

Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 1,450,243; Apr. 3.

Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 1,455,776; May 22.

Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 1,455,777; May 22.

Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 1,456,531; May 29.

Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 1,457,421; June 5.

Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 1,458,385; June 12.

Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 1,458,386; June 12.

Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Metal car roof. 1,459,436; June 19.

Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 1,460,568; July 3.

Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 1,461,721; July 17.

Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 1,478,632; Dec. 25.

Bonsall, Charles D., assignor to P. H. Murphy Company, Parnassus, Pa. Carline. 1,461,704; July 10.

Bonser, Fred, Colorado Springs, Colo. Grasping instrument. 1,453,543; May 1.

Bonsiakos, Michael, San Francisco, Calif. Aeroplane construction. 1,457,871; June 5.

Bonta, Arthur K., deceased, New York, N. Y.; M. W. Bonta, executrix. Starter for combustion engines. 1,440,815; Jan. 2.

Bonta, Mary W., executrix. (See Bonta, Arthur K.)

Boock, Arthur, Tripp, S. Dak. Tire remover. 1,473,397; Nov. 6.

Boock, Gustave J., Conyngham, assignor of one-half to E. G. Hines, Drums, Pa. Foot accelerator for tractors. 1,466,688; Sept. 4.

Booker, Charles A., Minier, Ill. Hand rest. 1,457,958; June 5.

Booker, Walter D., Wawanesa, Manitoba, Canada. Heating device. 1,444,102; Feb. 6.

Bookhout, James R. (See Bookhout, John J. and J. R.)

Bookhout, John J. and J. R., Dallas, Tex. Underreamer. 1,449,314; Mar. 20.

Books, Joseph, McKeesport, Pa. Clamp. 1,446,374; Feb. 20.

Bookwalter, Albert E., Coeur d'Alene, Idaho. Ore separator. 1,461,647; July 10.

Boome, Alexander. (See Kramer, L., and Boome.)

Boome, Alexander, Chicago, Ill. Work driver for lathes. 1,444,724; Feb. 6.

Boomershine, Adam, assignor of one-half to J. C. Slager, Dayton, Ohio. Oil retainer for journal boxes. 1,460,809; July 3.

Boomsliter, Charles C., Grand Rapids, Mich. Differential gear for automobiles. 1,472,629; Oct. 30.

Boon, Wilfred L., North Attleboro, Mass. Tube-capping machine. 1,446,542; Feb. 27.

Boone, Albert, Sawtelle, Calif. Auxiliary air supply 1,457,207; May 29.

Boone, Clarence E., Long Beach, Calif. Wave motor. 1,461,747; July 17.

Boone Heater Corporation. (See Boone, Robert, assignor.)

Boone, Robert, Asbury Park, N. J., assignor, by mesne assignments, to Boone Heater Corporation, New York, N. Y. Lighting device for gas. 1,453,906; May 1.

Booraem, John F., New York, N. Y. Wall construction. 1,454,310; May 8.

Booraem, John F., Greenwich, Conn. Swimming-pool construction. 1,461,026; July 10.

Booraem, John F., Greenwich, Conn. Protecting ceramic swimming-pool structures. 1,464,804; Aug. 14.

Boorum & Pease Company. (See Von Auw, Alwin, assignor.)

Boos, Casper M. B., Chicago, Ill. Silo-door frame. 1,461,208; July 10.

Boos, Orlando J., Los Angeles, Calif. Conveyer. 1,454,809; May 8.

Boosalis, Gus N., et al. (See Simmons, Alfred K., assignor.)

Boosted, Henry J., Kenosha, Wis. Tire pump. 1,456,719; May 29.

Booth, Benjamin W., Ketchikan, Alaska. Animal trap. 1,467,832; Sept. 11.

Booth, Charles H. (See McCormish, William E., assignor.)

Booth, Christopher S., Camp Point, Ill. Book holder. 1,440,656; Jan. 2.

Booth, Christopher S., Camp Point, Ill. Writing instrument. 1,441,828; Jan. 9.

Booth, Earl C., assignor to Holcomb & Hoke Mfg. Co., Indianapolis, Ind. Vending-machine housing. Des. 63,609; Dec. 25.

Booth, George W., Islington, Ontario, Canada. Tunnel kiln. 1,474,063; Nov. 13.

Booth, Henry S., Manchester, England. Rotary engine. 1,447,833; Mar. 6.

Booth, James W. and T. C., Corlass, Keighley, England. Loom shuttle. 1,475,679; Nov. 27.

Booth, John S., Dallas, Tex. Hat tray. 1,445,743; Feb. 20.

Booth, John T., Birmingham, England. Internal-combustion engine. 1,447,752; Mar. 6.

Booth, John T., Birmingham, England. Internal-combustion engine. 1,468,225; Sept. 18.

Booth, John W., Trenton, Ontario, Canada. Needle chuck for sound reproducers. 1,461,176; July 10.

Booth, Joseph B. S., Sidcup, England, assignor to Lanston Monotype Machine Company, Philadelphia, Pa. Typographic composing machine. 1,465,296; Aug. 21.

Booth, Levis M., Plainfield, N. J. Manufacturing paper or pulp. 1,443,454; Jan. 30.

Booth, Sheldon M., Chicago, Ill. Means to withdraw surface water from bathing beaches and resorts. 1,456,759; May 29.

Booth, Wallace W., Brooklyn, N. Y. Furnace bridge wall. 1,467,566; Sept. 11.

Booth, Wallace W., Brooklyn, N. Y. Auxiliary closure for doorways of freight cars. 1,469,914; Oct. 9.

Booth, Walter E. (See Barwell, J. W., Ward, Nelson, Hingher, Booth, and Blows.)

Booth, Wilfred E., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical-wave transmission system. 1,470,955; Oct. 16.

Booth, William N., Detroit, Mich. Wheel boring and facing machine. 1,459,011; June 19.

Booth, William N., Detroit, Mich. Forming vehicle wheels. 1,464,495; Aug. 14.

Booth, William N., Detroit, Mich. Metallic felly for vehicle wheels. 1,469,768; Oct. 9.

Booth, William N., Detroit, Mich. Metallic felly and rim for vehicle wheels. 1,469,769; Oct. 9.

Booth, William N., Detroit, Mich. Driving lug for demountable rims of vehicle wheels. 1,475,167; Nov. 27.

Booth, William T., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Protective device. 1,462,026; July 17.

Booth, William T., East Orange, N. J., and W. A. Boyd, Brooklyn, assignors to Western Electric Company, Incorporated, New York, N. Y. Antenna system. 1,464,168; Aug. 7.

Boothe, Gardner L., executor. (See Janney, Robert E. L.)

Bootrym, Adam, assignor of one-half to J. Barkowski, Scranton, Pa. Brickmaking machine. 1,446,330; Feb. 20.

Boots, Edgar W. (See Tolla, T., and Boots.)

Boott Mills. (See Flather, Frederick A., assignor.)

Booz, Frank P. (See Bradley, J. A., and Booz.)

Booze, Macdonald C. (See Beecher, M. F., and Booze.)

Booze, Macdonald C., assignor to Norton Company, Worcester, Mass. Nonslip quartz tile. 1,451,456; Apr. 10.

Booze, Macdonald C., assignor to Norton Company, Worcester, Mass. Ceramic article and making the same. 1,459,357; June 19.

Borax Consolidated Limited. (See Kelly, Albert A., assignor.)

Borax Consolidated Limited. (See Kelly, Andrew, assignor.)

Borcherdt, Walter O., Austinville, Va., assignor to The New Jersey Zinc Company, New York, N. Y. Concentration of minerals. 1,445,989; Feb. 20.

Borcherdt, Walter O., Austinville, Va., assignor to The New Jersey Zinc Company, New York, N. Y. Concentration of oxidized ores. 1,446,375; Feb. 20.

Borcherdt, Walter O., Austinville, Va., assignor to The New Jersey Zinc Company, New York, N. Y. Flotation of minerals. 1,446,376; Feb. 20.

Borcherdt, Walter O., Austinville, Va., assignor to The New Jersey Zinc Co, New York, N. Y. Treatment of concentrates. 1,446,377; Feb. 20.

Borcherdt, Walter O., Austinville, Va., assignor to The New Jersey Zinc Company, New York, N. Y. Filtration of ore pulps. 1,446,378; Feb. 20.

Borcherdt, Walter O., Austinville, Va., assignor to The New Jersey Zinc Company, New York, N. Y. Wet process of classifying comminuted material. 1,448,514; Mar. 13.

Borcherdt, Walter O., Austinville, Va., assignor to The New Jersey Zinc Company, New York, N. Y. Treatment of minerals. 1,448,515; Mar. 13.

Borcherdt, Walter O., Austinville, Va., assignor to The New Jersey Zinc Company, New York, N. Y. Concentration of minerals. 1,454,838; May 8.

Borchert, Fred L. (See Borchert, William and F. L.)

Borchert, William and F. L., assignors to The Tagit Company, Rockford, Ill. Staple-tag-affixing machine. 1,442,212; Jan. 16.

Borchert, William and F. L., assignors to The Tagit Company, Rockford, Ill. Tag-affixing machine. 1,467,469; Sept. 11.

Borden, Charles R. C., Brookline, Mass. Valve. 1,468,273; Sept. 18.

Borden Company, The. (See Charland, Louis J., assignor.)

Borden Company, The. (See Hopkins, Archibald E., assignor.)

Borden Company, The. (See Nonneman, Ira W., assignor.)

Borden Company, The. (See Ried, Henrita F. H., assignor.)

Borden Company, The. (See Taylor, Burt E., assignor.)

Borden, Edward R., assignor to Mudge & Company, Chicago, Ill. Power-transmission device. 1,469,579; Oct. 2.

Bore, Johan, and A. Skoglund, Gottenborg, assignors to C. A. A. Westerberg, Stockholm, Sweden. Steam cleansing device for locomotive boilers or the like. 1,463,494; July 31.

Borel, Charles, Geneva, Switzerland, assignor to J. E. A. Trub, New York, N. Y. System of building construction. 1,473,418; Nov. 6.

Borelli, Albert, San Francisco, Calif. Barrel for locks. 1,463,495; July 31.

Boren, Earl E. (See Rodman, H., and Boren.)

Borg, Carl W., Aberdeen, Wash. Artificial bait. 1,467,750; Sept. 11.

Borg, Fredrik G., Chicago, Ill. Steel truss. 1,467,224; Sept. 4.

Borg, Fredrik G., Chicago, Ill. Concrete bulkhead or retaining wall. 1,467,470; Sept. 11.

Borges, Alfredo E., Fortaleza, Ceara, Brazil. Power brake for railway cars. 1,457,766; June 5.

Borgfeldt, George & Co. (See Sander, Alfred H., assignor.)

Borgo, Edmondo M., Turin, Italy. Pump with variable output. 1,445,285; Feb. 13.

Boring, John W., and G. A. Wagoner, Gibsonville, N. C. Coin assorter. 1,458,515; June 12.

Borja y Dizon, Benito, Manila. Eyeglass attachment. 1,467,358; Sept. 11.

Borkey, Stephen F., Detroit, Mich. Piston ring. 1,475,680; Nov. 27.

Borland, Bruce, Chicago, Ill. Car seal. 1,440,764; Jan. 2.

Borlase, William J., Philadelphia, Pa. Bag holder. 1,456,175; May 22.

Borlase, William J., Philadelphia, Pa. Bag holder. 1,476,045; Dec. 4.

Borlels, August, Raspeburg, Baltimore, Md. Scissors sharpener. 1,471,136; Oct. 16.

Borlenghi, Louis, et al. (See Garland, George F., assignor.)

Borman, Paul C., Cincinnati, Ohio. Mounting pictures. 1,442,639; Jan. 16.

Born, William F., Lakewood, Ohio. Garbage incinerator. 1,461,108; July 10.

Borne, John F., and G. A. Galloway, Buffalo, N. Y. Bottle stopper. 1,448,051; Mar. 13.

Bornmann, Carl, assignor to Ansco Company, Binghamton, N. Y. Finder for folding cameras. 1,445,198; Feb. 13.

Bornmann, Carl, assignor to Ansco Company, Binghamton, N. Y. Film-spool carriage. 1,464,558; Aug. 14.

Bornschein, Georg, Bautzen, Germany. Laying-on and removing device for platen printing presses. 1,446,379; Feb. 20.

Borokoff, Louis, Brooklyn, N. Y. Bottle. Des. 62,053; Mar. 13.

Borough, Willard L. (See Lorraine, D. G., and Borough.)

Borowsky, Peter. (See Majka, S., and Borowsky.)

Börresen, Adolf H., Mjondalen, and K. Holter, Skoien, near Christiana, Norway. Water-supplying device for pulp-screening machines. 1,468,695; Sept. 25.

Borreson, Borre H., Minneapolis, Minn. Card and tag holder. 1,478,598; Dec. 25.

Borromite Company of America, The. (See Lee, Yong K., assignor.)

Borroni, Amatore. (See Conti, A., and Borroni.)

Borroughs, Joseph N., Oakland, Calif. Machine for folding towels. 1,463,918; Aug. 7.

Bors-Koefoed, Axel. (See Clement, Clement A, assignor.)

Borst, Andrew J., jr., Buffalo, N. Y. Traction device for vehicle wheels. 1,446,870; Feb. 27.

Borst, Andrew J., jr., Buffalo, N. Y. Antiskid device for vehicle wheels. 1,461,378; July 10.

Borst, Andrew J., jr., Buffalo, N. Y. Motor vehicle. 1,476,355; Dec. 4.

Borst, Joseph F. and W., Brooklyn, N. Y. Brush for talking machines. 1,442,680; Jan. 16.

Borst, Joseph F. and W., Brooklyn, N. Y. Brush for talking machines. 1,464,405; Aug. 7.

Borst, Joseph F. and W., Brooklyn, N. Y. Table for talking machines. 1,466,576; Aug. 28.

Borst, William. (See Borst, Joseph F. and W.)

Borstelman, Henry L., Lyon Mountain, N. Y. Tonic-applying comb. 1,475,786; Nov. 27.

Bort, Katherine S., Washington, D. C. Cosmetic cream. 1,476,483; Dec. 4.

Borton, Frederick W., Miami, Fla. Electric soldering iron. 1,456,760; May 29.

Borzykowski, Benno, Paris, France. Apparatus for the production of threads. 1,450,131; Mar. 27.

Boscato, Vittorio, Diano Marina, Italy. Ignition starting device for ignition magnetos. 1,445,661; Feb. 20.

Bosch, Carl, Ludwigshafen-on-the-Rhine, E. Dehnel, Rossen, near Marseburg, and C. Kircher, assignors, by mesne assignments, to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Bavaria, Germany. Conversion of ammonia into ammonium chloride. 1,453,060; Apr. 24.

Bosch, Herman J., New York, N. Y. Drying appliance. 1,455,238; May 15.

Bosch, Robert, Aktiengesellschaft. (See Fischer, Otto, assignor.)

Bosch, Robert, Aktiengesellschaft. (See Friedrichs, Ernst.)

Bosch, Robert, Aktiengesellschaft. (See Hörig, Heinrich, assignor.)

Boschke, George W., San Francisco, Calif. Railway-track spike. 1,440,444; Jan. 2.

Bosco, George B., Chicago, Ill. Form clamp. 1,445,286; Feb. 13.

Bosco, George B., Chicago, Ill. Form clamp. 1,454,502; May 8.

Bosco, George B., Chicago, Ill. Form clamp. 1,475,424; Nov. 27.

Bose, August Z., Willits, Calif. Flour sifter. 1,468,454; Sept. 18.

Bose, Frederick J., Norristown, Pa. Smoking mixture. 1,462,480; July 24.

Bosle, Jacob P. (See Baines, J. E., and Bosle.)

Bosley, Milton W., Baltimore, Md. Grip conduit for electric conductors. 1,444,057; Feb. 6.

Alphabetical list of patentees—Continued.

Boss, John C., Elkhart, Ind. Apparatus for drying brick and other clay articles. 1,468,990; Sept. 25.
Boss Washing Machine Company, The. (See Dietz, William C. F., assignor.)
Boss, William, St. Paul, Minn. Humidifier. 1,472,150; Oct. 30.
Bosse-Ford Company. (See Ford, Clarence W., assignor.)
Bosse, Frederick J., Morristown, Pa. Adhesive tape. 1,441,656; Jan. 9.
Bosselmann, Richard, Berlin, Germany. Pressure-regulating device for intermediate steam-withdrawal installations. 1,464,596; Aug. 14.
Bosserman, Archibald A., Greenville, Va., assignor to The Cleveland Chain & Manufacturing Company, Cleveland, Ohio. Chain-link connector. 1,442,043; Jan. 16.
Bossert, William F., Utica, N. Y. Semaphore. 1,449,580; Mar. 27.
Bosshard, John J., assignor to The Hill Pump Valve Company, Chicago, Ill. Automatic screw machine. 1,467,304; Sept. 11.
Bosshard, Theodore, Brooklyn, N. Y. Cherry and confection center depositing apparatus. 1,473,458; Nov. 6.
Bosshardt, Edwin. (See Dinkelspiel, L., and Bosshardt.)
Bosshart, John W., and E. W. Mackison, Louisville, Ky. Dust collector. 1,459,610; June 19.
Bossi, Enea, assignor to Self Feeding Vaporizer Corporation, New York, N. Y. Intake manifold for internal-combustion engines. 1,471,822; Oct. 23.
Bossini, Raoul F., London, England. Coffee-making machine. 1,473,898; Nov. 13.
Bossu, Pierre P., Neuilly-sur-Seine, assignor to Societe Anonyme des Etablissements L. Bleriot, Paris, France. Means for transmitting motion. 1,449,263; Mar. 20.
Bost, William D., Los Angeles, H. M. Miller, South Pasadena, and G. W. Garwood, El Monte, assignors to National Peeling Machine Company, Los Angeles, Calif. Apparatus for peeling fruits and vegetables. 1,468,873; Sept. 25.
Bostater, Herbert L. (See Williams, S. B., jr., and Bostater.)
Bostedo, Louis G., Chicago, Ill. Propulsion device. 1,460,051; June 26.
Bostedo, Louis G., Chicago, Ill. Oil-burning furnace. 1,469,770; Oct. 9.
Bostock, Francis J. (See Brown, P., and Bostock.)
Boston, Gilbert H., Gainesville, Tex. Garment hanger and presser. 1,441,057; Jan. 2.
Boston Insulated Wire and Cable Company. (See Burley, H. B., and Rooney, assignors.)
Boston Jewelry Manufacturing Company. (See Anshen, Zalkind, assignor.)
Boston Machine Works Company. (See Osgood, Walter P., assignor.)
Boston Machine Works Company. (See Osgood, W. P., Smith, and Peabody, assignors.)
Boston Pencil Pointer Company. (See Wilson, Allen P., assignor.)
Boston Rubber Shoe Company. (See Lawrence, G. L., jr., and Field, assignors.)
Boston Tool and Manufacturing Company. (See Reinhard, Frank A., assignor.)
Bostroem, August. (See Schwartz, S. R., and Bostroem.)
Bostroem, August, assignor to S. R. Schwartz, New York, N. Y. Column for a lamp. Des. 61,760; Jan. 9.
Bostrom, Earnst A., assignor to Pomona Products Company, Griffin, Ga. Roasting machine. 1,452,409; Apr. 17.
Bostrom, Earnst A., assignor to Pomona Products Company, Griffin, Ga. Coring machine. 1,463,114; July 24.
Bostrom, Philip, Gooding, Idaho. Harness-trace support and assembly. 1,455,705; May 15.
Bostwick, Edward C., Laurium, Mich. Brush clamp. 1,477,685; Dec. 18.
Bostwick, Edwin G. (See Palc, S., and Bostwick.)
Bostwick, Rolla B., et al. (See Jacobs, James J., assignor.)
Boswell, Fletcher O., Philadelphia, Pa. Vehicle wheel. 1,457,142; May 29.
Boswell, George G. F., Indianapolis, Ind. Combined shock absorber and rebound check for motor-propelled vehicles. 1,462,737; July 24.
Boswell, George G. F., Indianapolis, Ind. Rebound-check shock absorber. 1,462,738; July 24.
Boswell, James G., Weeks, La. Mill. 1,447,834; Mar. 6.
Boswell, William C., Baltimore, Md. Electric sadiron. 1,471,823; Oct. 23.
Bosworth, Alfred W., Boston, Mass. Powdered modified-milk substitute. 1,450,836; Apr. 3.
Bosworth, Arthur H., Wichita, Kans. Container. 1,463,663; July 31.
Bosworth, George P., Central Falls, assignor to Hemphill Company, Pawtucket, R. I. Stitch-length-controlling mechanism for knitting machines. 1,448,653; Mar. 13.
Bosworth, George P., assignor to Hemphill Company, Central Falls, R. I. Hosiery and making the same. 1,449,375; Mar. 27.
Bosworth, George P., assignor to Hemphill Company, Central Falls, R. I. Spring-needle presser. 1,450,937; Apr. 10.
Bosworth, George P., assignor to Hemphill Company, Central Falls, R. I. Glove and making the same. 1,454,019; May 1.
Bosworth, George P., assignor to Hemphill Company, Central Falls, R. I. Knitted glove and making the same. 1,458,102; June 5.
Bosworth, George P., assignor to Hemphill Company, Central Falls, R. I. Sinker or web-holder cam mechanism for knitting machines. 1,458,103; June 5.
Bosworth, George P., Central Falls, assignor to Hemphill Company, Pawtucket, R. I. Hosiery and making the same. 1,459,496; June 19.
Bosworth, George P., Central Falls, assignor to Hemphill Company, Pawtucket, R. I. Hosiery and making the same. 1,459,497; June 19.
Bosworth, George P., assignor to Hemphill Company, Central Falls, R. I. Stocking and making same. 1,476,042; Dec. 4.
Bosworth, George P., assignor to Hemphill Company, Central Falls, R. I. Stocking and making same. 1,476,043; Dec. 4.
Bosworth, Percy B., assignor to The Victor Rubber Company, Springfield, Ohio. Pneumatic-tire tread. Des. 62,936; Aug. 28.
Bosworth, William G., New York, N. Y. Roller. 1,452,824; Apr. 24.
Botella, Jacques, Paris, France. Collapsible automobile top. 1,463,193; July 31.
Botella, Jacques, Paris, France. Motor-car body and collapsible top therefor. 1,465,594; Aug. 21.
Bothe, Andreas, Oreland, assignor to Kleen Products Company Inc., North Wales, Pa. Spoon or similar article. Des. 61,869; Feb. 6.
Bothwell, Henry R., assignor to S. Newman, Cincinnati, Ohio. Vise. 1,454,993; May 15.
Bott, Edward C., Bienville, La. Lid for cans. 1,477,936; Dec. 18.
Bott, George R., New Rochelle, assignor to Norma Company of America, Long Island City, N. Y. Cage for antifriction bearings. 1,459,718; June 26.
Bott, Wister P., Bernice, La. Dispensing apparatus. 1,469,879; Oct. 9.
Böttcher, Paul, jr., Altona-Bahrenfeld, near Hamburg, Germany. Differential gear for motor cars. 1,476,044; Dec. 4.
Bottinelli, Paul E., and M. Arrighi, West New York, N. J. Speed gearing. 1,473,459; Nov. 6.
Bottle, Edward K., Elmira, N. Y., assignor to American Sales Book Company, Limited, Toronto, Ontario, Canada. Manifolding salesbook. 1,458,265; June 12.
Bottome, Edgar M., Moundsville, W. Va., assignor to The Palm Brothers Company, New York, N. Y. Plate or similar article. Des. 62,688; July 24.
Bottome, Edgar M., Moundsville, W. Va., assignor to The Palm Brothers Company, New York, N. Y. Plate or similar article. Des. 62,689; July 24.
Bottome, Edgar M., Moundsville, W. Va., assignor to The Palm Brothers Company, New York, N. Y. Plate or similar article. Des. 62,690; July 24.
Bottomley, Clarence D., Charlotte, Mich. Electric switch. 1,468,192; Sept. 18.
Bottomley, Clarence D., Charlotte, Mich. Electric switch. 1,473,950; Nov. 13.
Bottone, Victor R., assignor of one-half to J. S. McAleer, Philadelphia, Pa. Connecter. 1,475,257; Nov. 27.
Bouchard, Emile E., Burlington, Vt. Curtain for automobiles. 1,457,649; June 5.
Bouché, William F., Lancaster, N. Y., assignor to Gould Coupler Company. Dynamo-driving means. 1,454,035; May 8.
Boucher, Cyril A., Joplin, Mo. Attachment for cigar-bunching machines. 1,478,726; Dec. 25.
Boucher, Pierre J., Kensington, London, England. Machine for capping bottles or the like. 1,452,410; Apr. 17.
Boudeman, Dallas, jr., Kalamazoo, Mich. Shock absorber. 1,469,915; Oct. 9.
Boudreaux, Edouard, Paris, France. Lead molding used in galvanoplasty. 1,458,570; June 12.
Bougher, Jacob, Sabetha, Kans. Quilting frame. 1,446,689; Feb. 27.
Bougher, Samuel C., Philadelphia, Pa. Rotary brush. 1,460,883; July 3.
Boughner, Harry R. (See Sage, R. W., and Boughner.)
Boughton, George B., St. Louis, Mo. Garage door and operating means therefor. 1,447,060; Feb. 27.
Bouillon, Charles, Paris, France. Treatment of residual waters. 1,476,685; Dec. 11.
Boulanger, Aimé, Normandin, Quebec, Canada. Hoisting device. 1,478,272; Dec. 18.
Bouldin, Clarence R., McKenzie, Tenn. Plow. 1,460,013; June 26.
Boulia, Victor, Orwell, Vt. Milk-bottle carrier. 1,457,342; June 5.
Boulter, Royal L., Los Angeles, Calif. Mechanism for sharpening razor blades. 1,475,367; Nov. 27.
Boulton, Charles W., Waltham, Mass. Chaplet. 1,454,013; May 1.
Boumphrey, Geoffrey M., Baycliffe, Lymm, England. Sound-reproducing machine. 1,469,152; Sept. 25.
Bounds, Benjamin F., Pondcreek, Okla. Terrestrial planetarium. 1,478,099; Dec. 18.
Bourassa, Joseph C. E., Montreal, Quebec, Canada. Truck. 1,455,987; May 22.
Bourassa, William, Lewiston, Me. Bobbin. 1,440,959; Jan. 2.

Bourbeau, Alfred L., Lawrence, Mass. Automatic window latch. 1,463,866; Aug. 7.
Bourcet, Paul. (See Chevalier, J. M. A., Bourcet, and Regnault.)
Bourdon, Edmond N., Chicago, Ill. Ice-cream cabinet. 1,468,133; Sept. 18.
Bourgon, Joseph H., Detroit, Mich., assignor to Studebaker Corporation. Hub cap. Des. 62,163; Apr. 3.
Bourjois, A., & Co. (See Douglas, Bernard M., assignor.)
Bourlier, Emile B., Louisville, Ky. Metal front for automobile and truck bodies. 1,471,771; Oct. 23.
Bourn, Stephen W., Bristol, R. I. Machine for cutting sheet rubber. 1,445,990; Feb. 20.
Bourn, Stephen W., Providence, R. I. Machine for making flexible tubular armor. 1,452,356; Apr. 17.
Bourn, Stephen W., Providence, R. I. Forming outsole for rubber footwear. 1,471,587; Oct. 23.
Bourn, Stephen W., Providence, R. I. Machine for making outsoles for rubber footwear. 1,471,588; Oct. 23.
Bourne, Charles L., Minneapolis, Minn. Treating concrete aggregate. 1,458,387; June 12.
Bournonville, Eugene M., Jersey City, N. J. Rotary valve. 1,472,113; Oct. 30.
Bournonville Rotary Valve Motor Company. (See Smith, Carlisle F., assignor.)
Bourque, David, assignor to G. W. J. Murphy Company, Amesbury, Mass. Turnbutton fastener. 1,455,758; May 15.
Bourque, David, assignor to G. W. J. Murphy Company, Amesbury, Mass. Fastener for automobile hoods and the like. 1,472,630; Oct. 30.
Bourque, David, Rocky Hill, assignor to G. W. J. Murphy Company, Merrimac, Mass. Machine for drilling buttons. 1,475,787; Nov. 27.
Boutelle, William H. (See Tully, G. L., and Boutelle.)
Boutin, Leo, New York, N. Y. Switch box. 1,454,722; May 8.
Bouton, Edgar M. (See Harvey, A. L., and Bouton.)
Bouton, Edgar M., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control system. 1,448,381; Mar. 13.
Bouton, Edgar M., Wilkinsburg, Pa., assignor to Westing house Electric & Manufacturing Company. Electromagnet. 1,451,525; Apr. 10.
Bouton, Edgar M., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control system. 1,461,512; July 10.
Bouton, Edgar M., East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Motor-control system. 1,448,382; Mar. 13.
Bouton, Edgar M., Wilkinsburg, and R. Pruger, Pittsburgh, Pa., assignors to Westinghouse Electric & Manufacturing Company. Brake. 1,472,151; Oct. 30.
Bouton, William E., Schenectady, N. Y. Reenforced awning seams. 1,448,516; Mar. 13.
Boutte, Octave J., assignor of one-half to J. D. McCall, Beaumont, Tex. Nut lock. 1,460,884; July 3.
Bouwman, Johannes T., assignor to Naamlooze Vennootschap "Ago" Maatschappij voor het Drogen, Verwerken en Veredelen Van Hout, The Hague, Netherlands. Dyeing or coloring wood and like fibrous material under pressure. 1,447,528; Mar. 6.
Bouza, Vicente, Highland Park, Mich. Bed attachment. 1,440,906; Jan. 2.
Boyard, William H., assignor of one-third to G. O. Moore, Los Angeles, Calif. Adjustable joint. 1,449,140; Mar. 20.
Boyard, William H., assignor of one-third to G. O. Moore, Los Angeles, Calif. Adjustable joint. 1,449,141; Mar. 20.
Bové, Ramon, New York, N. Y. Hair-waving appliance. 1,471,880; Oct. 23.
Bové, Ramon, New York, N. Y. Hair-waving appliance. 1,471,881; Oct. 23.
Bovee, David W., Waterloo, Iowa. Pipe connection. 1,467,833; Sept. 11.
Bovender, Alley C., Northwilkesboro, N. C. Motor-vehicle attachment. 1,453,618; May 1.
Bovuls, Cecil H., Louisville, Ky. Bifurcated-garment former and drier. 1,466,695; Sept. 4.
Bowden, Frank E., Fresno, Calif. Combination bed, table, and article carrier for automobiles. 1,476,280; Dec. 4.
Bowden, Garry, New York, N. Y. Safety attachment for automobile axle joints. 1,443,972; Feb. 6.
Bowden, George H., Westminster, London, England. Setting of steam boilers. 1,476,236; Dec. 4.
Bowden, Junius A., Los Angeles, Calif., assignor to A. Schrader's Son, Inc., New York, N. Y. Self-registering pressure gauge. 1,465,725; Aug. 21.
Bowden, Junius A., Los Angeles, Calif., assignor to A. Schrader's Son, Inc., Brooklyn, N. Y. Self-registering pressure gauge. 1,465,726; Aug. 21.
Bowden, Junius A., Los Angeles, Calif., assignor to A. Schrader's Son, Incorporated, Brooklyn, N. Y. Dust-cap spring. 1,469,880; Oct. 9.
Bowden, Junius A., Los Angeles, Calif., assignor to A. Schrader's Son, Incorporated, Brooklyn, N. Y. Spring means for dust caps. 1,469,881; Oct. 9.
Bowden, Junius A., Los Angeles, Calif., assignor to A. Schrader's Son, Incorporated, Brooklyn, N. Y. Spring insert for dust caps. 1,469,882; Oct. 9.
Bowden, Junius A., Los Angeles, Calif., assignor to A. Schrader's Son, Incorporated, Brooklyn, N. Y. Pressure gauge. 1,473,171; Nov. 6.
Bowden, J. D. (See Mountford, William J., assignor.)
Bowden, O. H. (See Shown, Finley C., assignor.)
Bowden, Thomas, Forest City, Pa. Toy vehicle. 1,452,636; Apr. 24.
Bowdle, Montraville H., assignor to F. M. Davis, Chicago, Ill. Tax-sales register. 1,472,900; Nov. 6.
Bowe, Charles F., assignor of forty-eight one-hundredths to J. M. Wilson, Canton, Ohio. Rail chair. 1,471,772; Oct. 23.
Bowe, Edward V., San Diego, Calif. Combination clothes hanger and trousers creaser. 1,463,003; July 24.
Bowe, Edward V., San Diego, Calif. Garment-supporting belt. 1,464,744; Aug. 14.
Bowe, Elbert I., Huron, S. Dak. Fan control for motor
Bowell, George B., High Barnet, assignor of one-half to G. R. Redgrave, London, England. Means for the projection of cinematograph films. 1,476,237; Dec. 4. vehicles. 1,453,124; Apr. 24.
Bowen, Claude C., Brainerd, Minn. Self-tilting cover. 1,443,615; Jan. 30.
Bowen, Clinton A., assignor to Corning Glass Works, Corning, N. Y. Glass-melting pot. 1,471,824; Oct. 23.
Bowen, David R., assignor to Farrel Foundry & Machine Company, Ansonia, Conn. Rubber mixer or like machine. 1,457,343; June 5.
Bowen, David R., and C. F. Schnuck, assignors to Farrel Foundry and Machine Company, Ansonia, Conn. Mixing or masticating heavy plastic material. 1,460,938; July 3.
Bowen, Edward J., et al. (See Cable, Henry C., assignor.)
Bowen, Frank, Monett, Mo. Figure toy. 1,463,194; July 31.
Bowen, Frank C. (See Leonard, Frank B., assignor.)
Bowen, George G. (See Duley, Charley A., assignor.)
Bowen, George G., C. A. Duley and R. B. Ross, Ivan, Tex. Fishing tool for deep wells. 1,467,604; Sept. 11.
Bowen, George H., Boston, Mass. Electrical plug and socket extension unit. 1,476,586; Dec. 4.
Bowen, Herbert N., Lakeview, Minn. Screen holder. 1,471,773; Oct. 23.
Bowen, Manley A., Fresno, Calif. Support for telephone receivers. 1,454,533; May 8.
Bowen, Michael B., assignor to Faries Manufacturing Company, Decatur, Ill. Lighting fixture. Des. 63,356; Nov. 27.
Bowen Products Corporation. (See Bacon, Chester A., assignor.)
Bowen Products Corporation. (See Skelly, Bernard H., assignor.)
Bowen, Robert A., Spokane, Wash. Box-car door. 1,468,796; Sept. 25.
Bowen, Russell H., assignor to American Pulley Company, Philadelphia, Pa. Wheel disk and the like. 1,448,355; Mar. 13.
Bowen, Russell H., assignor to The American Pulley Company, Philadelphia, Pa. Sash pulley. 1,472,765; Oct. 30.
Bower & Bartlett, Inc. (See Bartlett, Harry O., assignor.)
Bower, Ferdinand A., Flint, assignor to General Motors Corporation, Detroit, Mich. Brake mechanism for motor vehicles. 1,469,247; Oct. 2.
Bower, Ferdinand A., and B. Cataline, Flint, Mich., assignors to General Motors Corporation, Detroit, Mich. Coarse-pitch spiral bevel gear. 1,455,706; May 15.
Bower, George W., Schenectady, N. Y., assignor to General Electric Company. Ear for trolley wires. 1,442,851; Jan. 23.
Bower, George W., Schenectady, N. Y., assignor to General Electric Company. Crossover for overhead-trolley lines. 1,457,689; June 5.
Bower, George W., Schenectady, N. Y., assignor to General Electric Company. Trolley switch. 1,477,807; Dec. 18.
Bower, John T., Greencastle, Ind. Combined-space economizing metallic furniture. 1,443,067; Jan. 23.
Bower, Lewis E. (See Duffy, Thomas I., assignor.)
Bower, Lyda S., Covington, Ga. Color-mixing device. 1,451,810; Apr. 17.
Bower, Robert F., Detroit, Mich. Vehicle traffic signal. 1,455,778; May 22.
Bower, Robert F., assignor to Bower Roller Bearing Company, Detroit, Mich. Roller-bearing cage. 1,466,689; Sept. 4.
Bower Roller Bearing Company. (See Bower, Robert F., assignor.)
Bower, Thomas F., Farmdale, Ohio. Drive shaft. 1,449,142; Mar. 20.
Bowerman, Joseph A., Wilbraham, assignor to The Fisk Rubber Company Chicopee Falls, Mass. Valve pad for inner tubes and making same. 1,456,357; May 22.
Bowers, Claude E., Los Angeles, Calif. Canopy for electric outlet boxes. 1,464,637; Aug. 14.
Bowers, David, executor. (See Wootten, Charles T.)
Bowers, Edward, Paducah, Ky. Roller-skate wheel. 1,471,236; Oct. 16.
Bowers, Frank, assignor to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 1,465,387; Aug. 21.

Alphabetical list of patentees—Continued.

Bowers, George W., Mannington, W. Va. Closet mold and molding. 1,447,529; Mar. 6.
Bowers, Henry A., Indiana, Pa. Laundry stand. 1,444,725; Feb. 6.
Bowers, James W., Pearlington, Miss., assignor of one-half to W. D. McCurdy, Toronto, Ohio. Gate latch. 1,445,000; Feb. 13.
Bowers, Joseph J., San Francisco, Calif. Making pneumatic crutch pads. 1,442,518; Jan. 16.
Bowers, Roscoe H., East Canton, assignor of one-half to R. E. Hay, Canton, Ohio. Clamping screw. 1,442,118; Jan. 16.
Bowers, Sallie B., Kansas City, Mo. Elbow cuff. 1,452,998; Apr. 24.
Bowers, William H., et al. (See Marshall, Walker E., assignor.)
Bowes, Edward L., Chicago, Ill. Electrically-actuated camera shutter. 1,444,365; Feb. 6.
Bowes, John J., jr. (See Bronson, A. E., and Bowes.)
Bowes, Walter H., Stamford, Conn. Serial-numbering mechanism for postmarking machines, etc. 1,447,753; Mar. 6.
Bowes, Walter H., Stamford, Conn. Yieldable support for rollers of postmarking and stamp-canceling machines. 1,453,783; May 1.
Bowes, Walter H., Stamford, Conn. Postmarking and stamp-canceling machine. 1,470,231; Oct. 9.
Bowie, Clifford P., Berkeley, Calif., and M. J. Gavin, Boulder, Colo. Apparatus for the treatment of naturally-occurring hydrocarbon-containing materials. 1,453,037; Apr. 24.
Bowker, Harold G., assignor to Topp-Stewart Tractor Co., Clintonville, Wis. Tractor leg. 1,474,400; Nov. 20.
Bowler, John R., Los Angeles, Calif. Valve. 1,443,675; Jan. 30.
Bowler, John R., New Brighton, N. Y. Detonating device 1,443,676; Jan. 30.
Bowles, Byron E., Council Bluffs, Iowa. Knife sharpener. 1,451,526; Apr. 10.
Bowles, Charles D., Des Moines, Iowa. Carburetor attachment. 1,456,213; May 22.
Bowles, Charles E., Pulaski, Va. Spittoon and waste flush. 1,457,053; May 29.
Bowles, Joseph P., West New Brighton, N. Y. Button. 1,460,840; July 3.
Bowlus, Claude A., Birmingham, Mich. Ignition device. 1,464,307; Aug. 7.
Bowlus, Claude A., Birmingham, Mich. Circuit breaker. 1,466,012; Aug. 28.
Bowlus, George G., Burkittsville, Md. Salve or ointment. 1,470,422; Oct. 9.
Bowlus, Lauren M., San Luis Obispo, Calif. Ice box for fish and other sea food. 1,451,416; Apr. 10.
Bowman, A. B. (See Wright, William D., assignor.)
Bowman, Albert, et al. (See Marshall, Walker E., assignor.)
Bowman, Cornelius R., and C. E. Yates, Allentown, Pa. Locking device for carburetors. 1,475,275; Nov. 27.
Bowman, Elva, Fort Wayne, Ind. Chiropractic table. 1,478,816; Dec. 25.
Bowman, Forest G. (See Vance, C. D., and Bowman.)
Bowman, Francis H., Lynn, Mass., assignor to General Electric Company. Electrical recording instrument. 1,463,004; July 24.
Bowman, Frank C., Broadway, Va. Broom bridle. 1,443,811; Jan. 30.
Bowman, Frank L., Morgantown, W. Va. Penholder. 1,441,779; Jan. 9.
Bowman, George S., assignor to M. H. Bowman, James Post Office, Md. Receptacle closure and seal. 1,459,437; June 19.
Bowman, Glenn F., et al. (See Vogt, Clarence C., assignor.)
Bowman, Herman N., assignor to Western Electric Company, Incorporated, New York, N. Y. Magnetic coil. 1,472,631; Oct. 30.
Bowman, Lester J. Elkton, Oreg. Socket wrench. 1,448,428; Mar. 13.
Bowman, Levi M., assignor of one-eighth to F. W. Henderson, Tulsa, Okla. Light-modifying means for headlights. 1,442,463; Jan. 16.
Bowman, Lewis H., Fenn, Idaho. Flue top. 1,463,664; July 31.
Bowman, Louis G., Chicago, Ill. Drill-guide attachment for chucks. 1,471,137; Oct. 16.
Bowman, Mary H. (See Bowman, George S., assignor.)
Bowman, Newton K., Bowdil, Ohio. Mining-machine bit. 1,462,681; July 24.
Bowman, Newton K., North Lawrence, Ohio. Bonding plug. 1,449,727; Mar. 27.
Bowman, Oliver S., Colorado Springs, Colo. Triune heat equipment for the home. 1,459,762; June 26.
Bowman, Robert L., Knoxville, Tenn., and G. R. Penn, Washington, D. C., assignors to said Robert L. Bowman. Machine for making paper tubes. 1,464,968; Aug. 14.
Bowman, Samuel, Redondo Beach, Calif. Water-cooling apparatus for gas engines. 1,458,321; June 12.
Bowman, William S., Orangeville, Pa. Game apparatus. 1,471,375; Oct. 23.
Bown, Charles E., Dayton, Ohio. Conduit coupling. 1,443,455; Jan. 30.
Bown, Charles E., Dayton, Ohio. Grease gun. 1,454,574; May 8.
Bown, Ralph. (See Espenschied, E., and Bown.)
Bown, Ralph. (See Espenschied, L., and Bown.)
Bown, Ralph, East Orange, N. J., assignor to American Telephone and Telegraph Company. Radio signaling system. 1,475,219; Nov. 27.
Bown, Ralph, and E. L. Nelson, East Orange, N. J., assignors to American Telephone and Telegraph Company. Radio wire connecting circuits. 1,472,289; Oct. 30.
Bowne, Emma R. (See Divelbiss, Newton C., assignor.)
Bowser, Augustus, deceased, by C. H. Bolens and C. S. Fair, administrators, Fort Wayne, Ind. Liquid-dispensing apparatus. Re15,606; May 15.
Bowser, James G., Columbus, Kans. Constructing mats. 1,471,376; Oct. 23.
Bowzer, Augustus M., Lynn, Mass. Robe confiner. 1,447,374; Mar. 6.
Boyan, Thomas J., and F. L. Eklund, assignors to Portsmouth Auto Body Company, Portsmouth, N. H. Automobile running board. 1,467,471; Sept. 11.
Boyce, A. Earl, et al. (See Donaldson, Elizabeth C., assignor.)
Boyce, Edwin, Pine Bluff, Ark. Rim and tire. 1,444,653; Feb. 6.
Boyce, Guy W., Slick, Okla. Casing spear. 1,474,886; Nov. 20.
Boyce, Harrison H., Forest Hills, N. Y. Temperature-indicating instrument for motor-vehicle radiators. 1,451,527; Apr. 10.
Boyce, Harrison H., Forest Hills, N. Y. Water-level indicator for automobile radiators. 1,461,722; July 17.
Boyce, Harrison H., Jericho, N. Y. Temperature-indicating system and apparatus for internal-combustion engines. 1,454,149; May 8.
Boyce, James, et al. (See Hancock, Raymond F., assignor.)
Boyce, John E., Yonkers, N. Y., assignor to Otis Elevator Company, Jersey City, N. J. Correcting device for floor controllers. 1,452,490; Apr. 24.
Boyce, Roy M., Stockton, Calif. Oscillating backrest. 1,444,536; Feb. 6.
Boyd, Alexander H. (See Brenizer, Orson W., assignor.)
Boyd, Charles T., and G. S. Hershey, Columbus, Ohio. Powder puff. 1,453,038; Apr. 24.
Boyd, David C., assignor to The Galion Iron Works & Mfg. Co., Galion, Ohio. Chip distributor. 1,454,575; May 8.
Boyd, F. L. (See Minney, Arthur W., assignor.)
Boyd, Gurney E., Pasadena, Calif. Violin support. 1,477,030; Dec. 11.
Boyd, Harold A. (See Boyd, Thomas A. and H. A.)
Boyd, James C., Pitcairn, Pa. Sign. 1,458,516; June 12.
Boyd, John C., St. Louis, Mo. Last for use in forming and leveling soles. 1,465,338; Aug. 21.
Boyd, John S., Co. (See Boyd, John S., assignor.)
Boyd, John S., Co. (See Boyd, John S. and T. F., assignors.)
Boyd, John S., assignor to John S. Boyd Co., Inc., Williamstown, Mass. Textile fabric. Des. 63,067; Oct. 2.
Boyd, John S., assignor to John S. Boyd, Inc., Williamstown, Mass. Textile fabric. Des. 63,068; Oct. 2.
Boyd, John S., assignor to John S. Boyd Co., Inc., Williamstown, Mass. Textile fabric. Des. 63,069; Oct. 2.
Boyd, John S., assignor to John S. Boyd Co., Inc., Williamstown, Mass. Textile fabric. Des. 63,389; Dec. 4.
Boyd, John S., assignor to John S. Boyd Co., Inc., Williamstown, Mass. Textile fabric. Des. 63,390; Dec. 4.
Boyd, John S., assignor to John S. Boyd Co., Inc., Williamstown, Mass. Textile fabric. Des. 63,391; Dec. 4.
Boyd, John S., assignor to John S. Boyd Co., Inc., Williamstown, Mass. Textile fabric. Des. 63,392; Dec. 4.
Boyd, John S., assignor to John S. Boyd Co., Inc., Williamstown, Mass. Textile fabric. Des. 63,393; Dec. 4.
Boyd, John S., assignor to John S. Boyd Co., Inc., Williamstown, Mass. textile fabric. Des. 63,394; Dec. 4.
Boyd, John S. and T. F., assignors to John S. Boyd Co. Inc., Williamstown, Mass. Textile fabric. Des. 62,467; June 12.
Boyd, John S. and T. F., assignors to John S. Boyd Co. Inc., Williamstown, Mass. Textile fabric. Des. 62,468; June 12.
Boyd, John S. and T. F., assignors to John S. Boyd Co. Inc., Williamstown, Mass. Textile fabric. Des. 62,469; June 12.
Boyd, John S. and T. F., assignors to John S. Boyd Co. Inc., Williamstown, Mass. Textile fabric. Des. 62,531; June 19.
Boyd, John S. and T. F., assignors to John S. Boyd Co. Inc., Williamstown, Mass. Textile fabric. Des. 62,600; July 3.
Boyd, John S. and T. F., assignors to John S. Boyd Co. Inc., Williamstown, Mass. Textile fabric. Des. 62,601; July 3.
Boyd, John S. and T. F., assignors to John S. Boyd Co. Inc., Williamstown, Mass. Textile fabric. Des. 62,602; July 3.

Boyd, John S. and T. F., assignors to John S. Boyd Co., Inc., Williamstown, Mass. Textile fabric. Des. 62,813; Aug. 7.

Boyd, Lemuel W., Madison, Ill. Railway-car door stop and seal. 1,458,388; June 12.

Boyd, Maxim B., New York, N. Y. Aeroplane. 1,444,058; Feb. 6.

Boyd, Robert A., Birmingham, Ala. Combined fruit squeezer and ice shaver and mold. 1,446,114; Feb. 20.

Boyd, Stanley M., Chicago, Ill., assignor to Signode System, Inc. Seal and method of making the same. 1,444,103; Feb. 6.

Boyd, Thomas A. and H. A., Shettleston, near Glasgow, Scotland. Cop and pirn winding machine. 1,469,986; Oct. 9.

Boyd, Thomas A. and H. A., Shettleston, Glasgow, Scotland. Cheese-winding machine. 1,473,172; Nov. 6.

Boyd, Thomas F. (See Boyd, John S. and T. F.)

Boyd, Walter A. (See Booth, W. T., and Boyd.)

Boyden, John C., Elmwood Place, Ohio. Combined shade-roller and curtain-pole fixture. 1,459,611; June 19.

Boye, James H., Chicago, Ill. Curtain fixture. 1,456,214; May 22.

Boye Needle Company. (See Flannery, John L., assignor.)

Boye Needle Company, The. (See Carlson, Gustav A., assignor.)

Boyer, Buford A., and A. Krofft, Hemple, Mo. Vault or safe locking mechanism. 1,473,985; Nov. 13.

Boyer, Charles A., Winona Lake, Ind. Fishing reel. 1,471,377; Oct. 23.

Boyer, Fernand, Paris, France. Pile-thread holder for pile-carpet machines. 1,444,580; Feb. 6.

Boyer, Frederick G. L., assignor to The Computing Scale Company, Dayton, Ohio. Scale and auxiliary controller. 1,449,162; Mar. 20.

Boyer, George A., assignor of one-half to M. I. Heron and one-half to N. C. Heron, Los Angeles, Calif. Grease retainer for journal bearings. 1,460,939; July 3.

Boyer, Oliver, Spencerville, Ohio. Corn husker. 1,461,748; July 17.

Boyer, Thomas A., Gainesville, Tex. Vehicle wheel. 1,451,528; Apr. 10.

Boykin, Burwell, jr., Beaumont, Tex. Rotary for well drilling. 1,449,647; Mar. 27.

Boykin, Herbert C. (See Ritchie, O. N., and Boykin.)

Boyle, Alfred S., Cincinnati, Ohio. Floor waxer and polisher. 1,451,200; Apr. 10.

Boyle, Charles H., New Haven, Conn. Seeding device for grapefruit. 1,454,311; May 8.

Boyle, Elizabeth F. (See Ferris, Nunez C., assignor.)

Boyle, Hugh, Brooklyn, N. Y. Apparatus for conditioning couch rolls. 1,460,365; July 3.

Boyle, James C., Flint, Mich. Ford brake-clutch connector. 1,451,488; Apr. 10.

Boyle, James C., Flint, Mich. Automobile gear-shift control. 1,469,580; Oct. 2.

Boyle, James M., U. S. Army. Optical system. 1,454,950; May 15.

Boyle, Jennie H. G., San Francisco, Calif. Educational device. 1,445,819; Feb. 20.

Boyle, John L., Boston, Mass. Combined talking and picture-exhibiting machine. 1,448,784; Mar. 20.

Boyle, John T., Randolph, Mass. Ornamental transparency. 1,462,481; July 24.

Boyle, Peter J., Saginaw, Mich. Beet harvester. 1,458,615; June 12.

Boyle, Rudolph B., Kansas City, Mo. Automatic reel for electric devices. 1,442,999; Jan. 23.

Boyler, Emanuel J., New Haven, assignor to A. J. Tanner, North Haven, Conn. Opener for cans and like containers. 1,474,064; Nov. 13.

Boynton, Alexander, San Antonio, Tex. Bailer. 1,464,239; Aug. 7.

Boynton, Alexander, San Antonio, Tex. Flowing device for oil wells. 1,470,053; Oct. 9.

Boynton, Phillip F., Yonkers, N. Y., assignor to Helburn Thompson Company, Salem, Mass. Leather, skins, hides, imitation leather, or article of similar nature. Des. 62,876; Aug. 21.

Boynton, Stanley E., Rochester, N. Y., assignor to Fitz-Empire Double Pivot Last Company, Auburn, Me. Last. 1,447,232; Mar. 6.

Boynton, Vern K. (See Perry, R. S., Webster, and Boynton.)

Boysen, Iwer, New York, N. Y. Taking pictures. 1,460,744; July 3.

Boyuls, Cecil H., Louisville, Ky. Shirt-ironing machine. 1,466,690; Sept. 4.

Boyuls, Cecil H., Louisville, Ky. Ironing garments. 1,466,691; Sept. 4.

Boyuls, Cecil H., Louisville, Ky. Collar-band holder. 1,466,692; Sept. 4.

Boyuls, Cecil H., Louisville, Ky. Ironing machine. 1,466,693; Sept. 4.

Boyuls, Cecil H., Louisville, Ky. Collar-ironing machine. 1,466,694; Sept. 4.

Bozard, Harrison B., Hamilton, Ontario, Canada, and C. W. Robinson, Auburn, N. Y., assignors, by mesne assignments, to International Harvester Company, Chicago, Ill. Power-lift drill. 1,452,286; Apr. 17.

Bozarth, William H., Vineland, N. J. Oil burner for furnaces. 1,453,907; May 1.

Bozarth, William H., Vineland, N. J. Oil burner for stoves. 1,453,908; May 1.

Bozeman, John F. (See Weathersby, H. B., and Bozeman.)

Brabant, William H., Sheboygan, Wis. Night latch. 1,447,754; Mar. 6.

Brace, Porter H., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Terminal for electric furnaces. 1,456,865; May 29.

Brace, Porter H., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Means for replenishing the electrolyte of electrolytic cells. 1,475,739; Nov. 27.

Brach, Emil J., Chicago, Ill. Molding machine. 1,442,119; Jan. 16.

Brach, L. S. (See Knapp, Jacob, assignor.)

Brach, Leon S., East Orange, N. J. Lightning arrester. 1,458,611; June 12.

Bracht, Carl F., Twin Brooks, S. Dak. Brood-sow muzzle. 1,459,904; June 26.

Bracht, George H., Cleveland, Ohio. Interchangeable steel-type holder. 1,471,443; Oct. 23.

Brack, Ernst G., Winterthur, Switzerland. Apparatus for preparing and multiplying light copies. 1,466,696; Sept. 4.

Brack, Susannah W., Wichita Falls, Tex. Sink for kitchen cabinets. 1,464,638; Aug. 14.

Bracke, Robert F. (See Bradbury, Clifford C., assignor.)

Bracke, Robert F., Chicago, Ill., assignor of one-half to C. L. Stokes, Los Angeles, Calif. Electrical contact and operating same. 1,445,066; Feb. 13.

Bracken, Horace S., Johnstown, assignor of one-half to J. V. Symons, Westmont, Pa. Marking machine. 1,443,164; Jan. 23.

Bracken, Silas D., Johnstown, Pa. Ice-cream-cutting machine. 1,455,988; May 22.

Bracken, William A., Woodward, Okla. Multirecord sound-reproducing machine. 1,442,640; Jan. 16.

Brackett, Charles N., Memphis, Tenn. Filling device. 1,454,208; May 8.

Brackett, Frank A., Manchester, N. H., assignor to W. H. McElwain Company, Boston, Mass. Constant-pressure press. 1,445,744; Feb. 20.

Brackett, George F., Sequim, Wash. Hoe. 1,475,362; Nov. 27.

Brackett, John C., Milwaukee, Wis., assignor to Ingersoll-Rand Company, Jersey City, N. J. Loading machine. 1,442,852; Jan. 23.

Brackett, Quincy A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Resistor element. 1,451,529; Apr. 10.

Brackett, Quincy A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Gap ionizer. 1,477,308; Dec. 11.

Bradburn, Curtis E., and A. Finke, Garden City; said Bradburn assignor of his entire right to W. Wonn, Garden City, Kans. Brake. 1,475,538; Nov. 27.

Bradburn, Stanley W., Hammond, Ind. Silencing device for valve mechanism. 1,445,287; Feb. 13.

Bradbury, Albert E. (See Mather, Allan G., assignor.)

Bradbury, Burke, Schenectady, N. Y., assignor to General Electric Company. Radio receiving system. 1,443,209; Jan. 23.

Bradbury, Clifford C., Oak Park, assignor of one-half to R. F. Bracke, Chicago, Ill. Toy railroad system. 1,444,654; Feb. 6.

Bradbury, Clifford C., Oak Park, assignor to Bassick Manufacturing Company, Chicago, Ill. Coupling. 1,468,732; Sept. 25.

Braddick, Bernard L., Washington, D. C. Combined field oven and cooking utensil. 1,460,639; July 3.

Braddock, Edward I., Winchester, Mass. Gear chain. 1,463,789; Aug. 7.

Bradfield, Edmund S., Media, Pa. Shock-absorbing device. 1,458,517; June 12.

Bradford, Arthur M. (See Sears, D. C., and Bradford.)

Bradford, Charles M., Boston, and D. W. Bunker, Brookline, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Safety device. 1,450,407; Apr. 3.

Bradford Dyers' Association Limited. (See Graham, Jesse, assignor.)

Bradford Dyers' Association Limited. (See Wrigley, John H., assignor.)

Bradford, James L., assignor to De Forest Radio Telephone & Telegraph Company, New York, N. Y. Electron-emitting cathode and making the same. 1,453,267; May 1.

Bradford, Owen. (See Miller, W. O., and Bradford.)

Brading, Dennis A., Chicago, Ill. Electrolytic cell. 1,452,589; Apr. 24.

Bradley, Arthur B. (See Carr, J., and Bradley.)

Bradley, C. E., Corporation. (See La Sares, George C., assignor.)

Bradley, Charles E, Montclair, and S. M. Cadwell, Leonia, N. J., assignors to The Naugatuck Chemical Company. Treating rubber and products obtained thereby. 1,444,865; Feb. 13.

Bradley, Charles E., Montclair, N. J., and J. G. Coffin, Hempstead, N. Y., assignors to General Rubber Company. Apparatus for supplying a drying medium. 1,466,443; Aug. 28.

Alphabetical list of patentees—Continued.

Bradley, Francis, and H. L. Frevert, Philadelphia, Pa. Armor plate and making same. 1,457,101; May 29.
Bradley, Francis, and H. L. Frevert, Philadelphia, Pa. Armor plate and making same. 1,457,102; May 29.
Bradley, Francis, and H. L. Frevert, Philadelphia, Pa. Armor plate and making same. 1,457,103; May 29.
Bradley, George R., Brooklyn, N. Y. Power declinkering apparatus. 1,452,336, Apr. 17.
Bradley, Harry L., assignor, by mesne assignments, to The Reliance Company, Milwaukee, Wis. Pressure rheostat. 1,464,025; Aug. 7.
Bradley, Jacob A., and F. P. Booz, Milwaukee, Wis. Spring wheel. 1,449,213; Mar. 20.
Bradley, James. (See Robinson, R. M., and Bradley.)
Bradley, John H., Philadelphia, Pa. Crib. 1,475,537; Nov. 27.
Bradley, John W., Buffalo, N. Y. Molder's chaplet. 1,459,464; June 19.
Bradley, Joseph B., Miami, Fla. Nail puller. 1,452,545; Apr. 24.
Bradley, Linn, East Orange, N. J., assignor to Research Corporation, New York, N. Y. Apparatus for separating tar from gases. 1,473,806; Nov. 13.
Bradley, Linn, East Orange, N. J., assignor to Research Corporation, New York, N. Y. Rectifying system. 1,445,662; Feb. 20.
Bradley, Paul L., Los Angeles, Calif. Lens mounting. 1,460,334; June 26.
Bradley Pulverizer Company. (See Gibson, W. A., and Needham, assignors.)
Bradley Pulverizer Company. (See Needham, Charles E., assignor.)
Bradley, Ralph A., Ottawa, Kans. Oscillating valve for internal-combustion engines. 1,461,472; July 10.
Bradley, Richard S., Los Angeles, Calif. Reflector and lamp support. 1,471,939; Oct. 23.
Bradley, Ross E., and C. R. Webber, assignors to Baltimore Tube Company, Inc., Baltimore, Md. Treating metal. 1,474,953; Nov. 20.
Bradley, Seymour M., assignor to The English & Mersick Co., New Haven, Conn. Latch for vehicle doors. 1,468,954; Sept. 25.
Bradley, Stephen A. (See Finch, Nathan W., assignor.)
Bradley, Theodore F., Cranford, N. J. Delivering paints, varnishes, and the like. 1,478,017; Dec. 18.
Bradley, Thomas F., Amherst, Mass. Double-seal envelope. 1,448,429; Mar. 13.
Bradley Washfountain Co. (See Schlesinger, Louis, assignor.)
Bradner, Donald B., Edgewood, Md. Making phosgene. 1,457,493; June 5.
Bradner, Hosea T. (See Lees, Ernest J., assignor.)
Bradshaw, Andrew W. (See Zolman, W. E., and Bradshaw.)
Bradshaw, Charles E., Waterbury, Conn. Buckle. 1,454,534; May 8.
Bradshaw, Ernest A., C. W. S. Black, and A. P. Nicholls, North Sydney, New South Wales, Australia. Device for locking demountable tire-carrying rims to road vehicles, etc. 1,474,139; Nov. 13.
Bradshaw, Grant D., Pittsburgh, Pa. Furnace. 1,476,142; Dec. 4.
Bradshaw, Richard. (See Whittaker, J., Bradshaw, and Briggs.)
Bradshaw, William H., Lansdowne, assignor to Main Belting Company, Philadelphia, Pa. Endless belt and making same. 1,442,922; Jan. 23.
Bradshaw, William H., Lansdowne, assignor to Main Belting Company, Philadelphia, Pa. Belt fastener. 1,443,210; Jan. 23.
Bradshaw, William M., Wilkinsburg, and C. A. Boddie, Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company. Speed-regulator system. 1,477,309; Dec. 11.
Bradstad, Joseph W., Oak Park, Ill. Reenforcing form for wall structures. 1,448,330; Mar. 13.
Brady, Archie E., Houston, assignor of one-half to J. P. Rogers, Harris County, Tex. Automatic fishing tool. 1,477,535; Dec. 18.
Brady Electric & Manufacturing Company. (See Brady, William P., assignor.)
Brady, Frank, Denver, Colo. Hydrocycle. 1,462,027; July 17.
Brady, James E., New York, N. Y. Partition. 1,463,246; July 31.
Brady, Oatman J., et al. (See Marsh, Gerald, assignor.)
Brady, Sanford C., Bartlesville, Okla. Pump. 1,464,639; Aug. 14.
Brady, Thomas. Bayonne, N. J. Conveyer apparatus. 1,465,155; Aug. 14.
Brady, Thomas J., Astoria, N. Y. Auxiliary-clutch-pedal control. 1,476,585; Dec. 4.
Brady, Walter L., Dehue, W. Va. Trolley-wire hanger. 1,470,423; Oct. 9.
Brady, William P., assignor to Brady Electric & Manufacturing Company, New Britain, Conn. Windshield cleaner. 1,448,517; Mar. 13.
Braender, Walter P., Passaic, N. J. Container. 1,477,686; Dec. 18.
Brændstrup, Knud P. (See Jensen, A. M., and Brændstrup.)
Braff, Joseph. (See Braff, Theodor, assignor.)
Braff, Theodor, Vienna, Austria, assignor of one-half to J. Braff, Cleveland, Ohio. Food product and making same. 1,462,163; July 17.
Bragdon, Herbert J., Alton, assignor to The Chicago Stopper Company, Chicago, Ill. Stopper for bottles and the like. 1,463,570; July 31.
Bragdon, Herbert J., Alton, assignor to The Chicago Stopper Company, Chicago, Ill. Receptacle stopper. 1,466,113; Aug. 28.
Bragg, Caleb S. (See Kliesrath, Victor W., assignor.)
Bragg, Frederick A., Springfield, Mass. Railway tie. 1,473,205; Nov. 6.
Bragg, Gilbert A., Salt Lake City, Utah, assignor to Metals Recovery Company, New York, N. Y. Selective flotation of minerals. 1,478,697; Dec. 25.
Braham, Joseph M. (See Blair, J. S., and Braham.)
Braillard, Raymond. (See Goldschmidt, R. B., and Braillard.)
Brain, George. (See Kirk, C. J., and Brain.)
Brainard, George C. (See Foster, H. J., Gruenfeldt, and Brainard.)
Brainard, George C., assignor to The Hydraulic Pressed Steel Company, Cleveland, Ohio. Sheet-metal chime. 1,445,384; Feb. 13.
Brainard, Pearl H., Macomb, Ill. Heat-insulated container. 1,477,101; Dec. 11.
Braine, Bancroft G., assignor to The Rail Joint Company, New York, N. Y. Insulated rail joint. 1,446,690; Feb. 27.
Braine, Bancroft G., assignor to The Rail Joint Company, New York, N. Y. Splice bar for rail joints. Re15,668; Aug. 7.
Brainerd, Edward R., Los Angeles, Calif. Davenport. 1,464,900; Aug. 14.
Braisted, Harry P., Woodmont, assignor to The John Hugo Manufacturing Company, New Haven, Conn. Toy. Des. 62,603; July 3.
Brake, Leonard V., Orange City, Iowa. Egg tray and turner for incubator. 1,442,245; Jan. 16.
Brakeley, Joseph, Freehold, N. J. Wagon-body-dumping apparatus. 1,446,331; Feb. 20.
Brakers, John D., St. Louis Park, assignor of fifty-one one-hundredths to G. B. J. Massey, Minneapolis, Minn. Bait-casting device. 1,469,883; Oct. 9.
Braley, Charles L., assignor of one-half to C. F. Noftzger, Chicago, Ill. Laundry truck. 1,444,059; Feb. 6.
Braley, Charles L., Chicago, Ill., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Shirt-pressing machine. Re15,728; Dec. 11.
Bramberry, Harry M., assignor to Piston Research Corporation, Norfolk, Va. Metallic piston packing. Re15,610; May 22.
Bramblett, Thomas L., Fort Worth, Tex. Acetylene-gas generator. 1,476,484; Dec. 4.
Brame, George W., St. Louis, Mo. Folding swing. 1,463,571; July 31.
Bramley, Matthew F., Cleveland, Ohio. Lantern cage. 1,474,401; Nov. 20.
Bramwell, Joseph W., assignor to American Bronze Corporation, Berwyn, Pa. Alloy and making same. 1,446,332; Feb. 20.
Bran Products Company. (See Mininberg, Nathan, assignor.)
Brand, Adolph L. (See Phelps, Byron, assignor.)
Brand, Frederick F., Pittsfield, Mass., assignor to General Electric Company. Electrical apparatus. 1,471,096; Oct. 16.
Brand, Harold H., assignor, by mesne assignments, to Aluminum Manufactures, Incorporated, Cleveland, Ohio. Sectional core. 1,449,085; Mar. 20.
Brand, Harold H., assignor, by mesne assignments, to Aluminum Manufactures, Incorporated, Cleveland, Ohio. Metal mold. 1,463,247; July 31.
Brand, James C. (See Chase, L. W., McGeachin, and Brand.)
Brand, James J. C., Sydney, New South Wales, Australia. Apparatus for firing furnaces with powdered fuel. 1,471,681; Oct. 23.
Brand, John M., Columbus, Ohio. Pole support. 1,459,438; June 19.
Brand, William F., and E. O. Quarnstrom, Chicago, Ill. Carbon remover. 1,473,605; Nov. 13.
Brandel, Frank J., and F. H. Richert, Buffalo, N. Y. Upholstery spring. 1,476,046; Dec. 4.
Brandell, Claus O., Chicago, Ill. Block machine. 1,475,168; Nov. 27.
Brandenberg, John, and W. W. Smith, Sault Ste. Marie, Mich. Traffic signal. 1,465,708; Aug. 21.
Brandenberger, Carl F., Fort Madison, Iowa. Pump. 1,442,641; Jan. 16.
Brandenberger, Heinrich, Vienna, Austria. Method and machine for planing helical teeth, more particularly for bevel gears. 1,460,640; July 3.
Brandenberger, Jaques E., assignor to La Societe La Cellophane, Siège Social, Paris, France. Photographic film with a carrier permeable to water. 1,450,479; Apr. 3.
Brandenberger, Jaques E., assignor to La Societe La Cellophane, Paris, France. Production of sensitive films for photographic purposes. 1,452,785; Apr. 24.
Brandenburg, Francis C., Piqua, Ohio. Cutter for emery-wheel-dressing tools. 1,441,780; Jan. 9.
Brandes, C., Inc. (See Bergman, Edward, assignor.)
Brandes, C., Inc. (See Dietrich, Frederick, assignor.)

Brandes, Paul H., Bridgeport, Conn. Child's vehicle. 1,449,163; Mar. 20.
Brandock, Andrew S., Pueblo, Colo. Wedgeless driving box. 1,452,235; Apr. 17.
Brandon, Arthur H., assignor to The Deep Well Engineering Company, Toledo, Ohio. Fishing apparatus for wells. 1,473,606; Nov. 13.
Brandon, Thomas A., Winnemucca, Nev. Gun. 1,449,033; Mar. 20.
Brandriff, Daniel, Short Beach, Branford, assignor to Malleable Iron Fittings Company, Branford, Conn. Control valve mechanism. 1,465,540; Aug. 21.
Brandt, Carl A. (See Nyquist, A. R., and Brandt.)
Brandt, Charles D., New York, N. Y. Air pump. 1,441,829; Jan. 9.
Brandt, Edmund S. R., Newport, R. I., and T. B. Myers, Marshall, Tex. Torpedo. 1,440,578; Jan. 2.
Brandt, Friedrich W., and C. M. Wiles, Columbus, Tex. Combined axle and wheel. 1,447,011; Feb. 27.
Brandt, Fokko, Kansas City, Mo., assignor to The Brandt & Krell Engineering Company, Kansas City, Kans. Hook fastening for derrick braces. 1,473,835; Nov. 13.
Brandt, George, Tiffin, Ohio. Door hanger. 1,443,521; Jan. 30.
Brandt, Harold G. (See McHewitt, W., and Brandt.)
Brandt, John, New York, assignor to Autosales Corporation, Long Island City, N. Y. Vending machine. 1,477,238; Dec. 11.
Brandt & Krell Engineering Company, The. (See Brandt, Fokko, assignor.)
Brandt, Oliver. (See Dix, Fred G., assignor.)
Brandtjen & Kluge, Incorporated. (See Kluge, Abel and E., assignors.)
Brandts, Edmund, Celina, Ohio. Standing lamp. Des. 62,877; Aug. 21.
Brandts, Richard, Charlottenburg, near Berlin, Germany. Wind screen for motor cars and the like. 1,448,785; Mar. 20.
Brandwood, Thomas. (See Brandwood, John and T.)
Brandwood, John and T., Bury, England. Bleaching, dyeing, or other fluid treatment of yarns wound in the form of cheeses. 1,454,312; May 8.
Brandwood, John, T., and J., Elton, Bury, England. Bleaching of yarn wound in compact form. 1,472,958; Nov. 6.
Brandwood, Joseph. (See Brandwood, John, T., and J.)
Brandwood, Thomas. (See Brandwood, John, T., and J.)
Branham, Charles T., Valley Center Township, Pawnee County, Kans. Fencemaker's tool. 1,476,587; Dec. 4.
Brann, Alfred, Seattle, Wash. Violin. 1,475,423; Nov. 27.
Brann, Harry H., and G. H. Tenbrook, assignors to Haviside Company, San Francisco, Calif. Ship's ladder. 1,447,613; Mar. 6.
Brannigan, George T., assignor to The Connecticut Web and Buckle Company, Bridgeport, Conn. Buckle. 1,454,666; May 8.
Brannon, Herbert E. (See Weinberg, L. C., and Brannon.)
Branson, David E., Danville, Ind., assignor to American Telephone and Telegraph Company. Secret signaling system. 1,470,594; Oct. 16.
Branson, John D., Ashboro, N. C. Attachment for hand trucks. 1,446,032; Feb. 20.
Branson, Thomas, assignor to Sibson & Stern, Inc., Philadelphia, Pa. Reenforcing fabric for tires. 1,451,975; Apr. 17.
Bransky, Oscar E. (See Humphreys, Rogers, and Bransky.)
Branston, George W. (See Brewer, F. A., and Branston.)
Branstool, William L., Chicago, Ill. Demountable rim for wheels. 1,457,016; May 29.
Branstrator, Clement G., Bushnell, Ill. Quick-releasable device for demountable rims. 1,441,657; Jan. 9.
Brantford Computing Scales Ltd. (See McGregor, James D., assignor.)
Brasacchio, Nick F., Tampa, Fla. Lathe. 1,477,102; Dec. 11.
Brasche, Ferdinand F., Edwardsville, assignor of one-third to C. Holding and one-third to W. Palecek, Collinsville, Ill. Automatic mine-car cager. 1,461,513; July 10.
Braselton, Chester H., Toledo, Ohio, assignor to K. B. Mathes, Batavia, N. Y. Manufacturing shoes or similar articles of foot apparel. 1,444,826; Feb. 13.
Brasher, Albert. (See Leimberger, E. L., and Brasher.)
Brasington, John M., Cheraw, S. C. Fertilizer distributor. 1,447,292; Mar. 6.
Brasket, Thomas C., assignor to E. N. Hill, Anderson, Ind. Locking means for automobiles. 1,442,120; Jan. 16.
Brass Goods Mfg. Co. (See Brill, Hazel, assignor.)
Brassington, William B., Port Richmond, N. Y. Valve. 1,471,444; Oct. 23.
Bratt, Barnadus P., Baker, Oreg. Loading and unloading apparatus. 1,457,054; May 29.
Braucher, William B., Chicago. Ventilator. 1,457,959; June 5.
Braude, Paul, New York, N. Y. Fire extinguisher. 1,458,972; June 19.
Brauer, Adolph K., deceased; S. D. Brauer, executrix, assignor to S. D. Brauer, Los Angeles, Calif. Lawn and garden sprinkling apparatus. 1,459,012; June 19.
Bräuer, Georg. (See Gunzel, A., and Bräuer.)
Bräuer, Reinhold, Dusseldorf, Germany. Safe. 1,467,419; Sept. 11.
Brauer, Serena D., executrix. (See Brauer, Adolph K.)
Braun-Brüning & Co. (See Schröder, Edmund, assignor.)
Braun, Carl F., San Francisco, Calif. Three-way bypass valve. 1,442,782; Jan. 16.
Braun, Carl F., San Francisco, Calif. Heat exchanger. 1,442,783; Jan. 16.
Braun, Carl F., San Francsco, Calif. Water-cooling tower. 1,442,784; Jan. 16.
Braun, Charles O., Brillion, Wis. Extension table top. 1,442,464; Jan. 16.
Braun, Henry. (See Flender, John W., assignor.)
Braun, Louis. (See White, Charles C., assignor.)
Braun, Otho N., Montgomery, L. F. Nichols, Handley, and E. L. Underwood, London, W. Va. Mail-bag-delivering apparatus. 1,469,405; Oct. 2.
Braun, Philip N., assignor to The Prosperity Co. Inc., Syracuse, N. Y. Garment-pressing machine. 1,465,727; Aug. 21.
Braun, Walter, Columbus, assignor to The Jennison-Wright Company, Toledo, Ohio. Adjustable felly guard. 1,467,774; Sept. 11.
Braun, William F. H., Philadelphia, Pa. Meat holder. 1,456,866; May 29.
Braun, William A., Dover, Ohio, assignor to Dover Manufacturing Company. Pack for electrical heating elements. 1,452,954; Apr. 24.
Braunstein, Aron, San Antonio, Tex. Sanitary nonrefilling paper bottle. 1,474,228; Nov. 13.
Braunstein, Aron, San Antonio, Tex. Automatic paper-container-making machine. 1,474,229; Nov. 13.
Braunstein, Roger, Paris, France. Apparatus for effecting the extraction successively of sheets of paper contained in a magazine and for folding such sheets. 1,458,462; June 12.
Braunstein, Roger, Paris, France. Apparatus for effecting the gripping, the extraction, and the folding of sheets of paper contained in a magazine. 1,458,463; June 12.
Brautigam, John M. (See Bright, M. C., and Brautigam.)
Brautigam, Ernest W., Coeur d'Alene, Idaho. Pulling device. 1,466,784; Sept. 4.
Brawner, Jeptha E., Kingsbury, Tex. Boll-weevil catcher. 1,446,871; Feb. 27.
Bray, William J., San Francisco, Calif., assignor to Schmidt Lithograph Company. Fruit-box blank. 1,468,696; Sept. 25.
Brazee, Raymond L., assignor to The Hampden Toy Company, Westfield, Mass. Folding lunch box. 1,462,225; July 17.
Brazelle, Benjamin, assignor to Aquazone Laboratories, Inc., Los Angeles, Calif. Supersaturating liquids. 1,469,581; Oct. 2.
Brazelton, Isaac, et al. (See Folgert, Joseph W., assignor.)
Breaker, Harry O., Winthrop, assignor to Industrial Furnace Corporation, Boston, Mass. Forging furnace. 1,448,701; Mar. 13.
Breakey, Arnold, East Orange, N. J., and C. F. Pietsch, Malvern, N. Y. Safety razor. 1,469,715; Oct. 2.
Brecel, Edward, assignor of one-fourth to P. Dzmitrowicz, Brooklyn, N. Y. Camper's combination utensil. 1,452,337; Apr. 17.
Bréchot, Adolphe, Paris, France. Refuse-destructor furnace. 1,463,790; Aug. 7.
Brecht, George S., Baltic, assignor to A. L. Stewart, Canton, S. Dak. Snowplow. 1,462,901; July 24.
Brecht, Gus V., Butchers' Supply Company. (See Deacon, Edward F., assignor.)
Breck, George D., Cleveland, Ohio, L. W. Breck, and J. Schmauss, Buffalo, N. Y. Air brake. 1,464,640; Aug. 14.
Breck, Lawrence W. (See Breck, George D. and L. W., and Schmauss.)
Bredannaz, Alphonse F., Toronto, Ontario, Canada. Knitting machine. 1,468,697; Sept. 25.
Breece, Roy W., Arkansas City, Ark. Wheel. 1,446,543; Feb. 27.
Breeden, Howard H., Millville, N. J. Safety device for inflating pneumatic tires. 1,462,081; July 17.
Breeden, William S., Millville, N. J. Bottle. Des. 63,610; Dec. 25.
Breeding, Delson, Tulsa, Okla. Control head. 1,450,968; Apr. 10.
Breeding, Edgar E., Wellington, Ill. Hairpin. 1,447,409; Mar. 6.
Breeding, Robert G., Cincinnati, Ohio. Liquid-fuel-burning appliance. 1,458,266; June 12.
Breen, Anna, Dyersburg, Tenn. Ice box. 1,464,641; Aug. 14.
Breen, James P., Rockport, Mass. Level winder for reels. 1,448,786; Mar. 20.
Breer, Carl, Summit, N. J. Dishwasher. 1,461,473; July 10.
Breer, Carl, Summit, N. J. Dish-holding tray. 1,461,474; July 10.
Breer, Carl, Summit, N. J. Line tightener. 1,467,420; Sept. 11.
Breese, Charles P., Norfolk, Va. Radial ball bearing. 1,443,115; Jan. 23.
Breese, Charles P., Dayton, Ohio. Field engine starter. 1,471,379; Oct. 23.

Breeze, Alfred B., assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio. Making reach rods. 1,467,264; Sept. 4.

Bregeat Corporation of America. (See Brégeat, Jean H., assignor.)

Brégeat, Jean H., Paris, France, assignor to Bregeat Corporation of America, Wilmington, Del. Recovery of ether. 1,455,707; May 15.

Bregman, Harry, Lorain, Ohio, assignor to The Steel Stamping Company. Mop head. 1,447,338; Mar. 6.

Breisch, Edgar W., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Rectifier. 1,473,807; Nov. 18.

Breitenstein, Albert F., assignor to The Geometric Tool Co., New Haven, Conn. Rotary die head. 1,446,734; Feb. 27.

Breitenstein, Albert F., assignor to The Geometric Tool Co., New Haven, Conn. Self-opening die head. 1,456,720; May 29.

Breitling, Ernst, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Cash register or calculating machine. 1,477,420; Dec. 11.

Breitling, Ernst, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Zeroizing device for cash registers or calculating machines. 1,477,536; Dec. 18.

Breitling, Ernst, and E. Ostmeyer, Essen, assignors to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Cash register. 1,463,195; July 31.

Breitzke, Charles D., Madison, Wis. License-plate holder and illuminator. 1,464,969; Aug. 14.

Brekelmans, Franciscus J., assignor to Van Dyck Stumpers, Eindhoven, Netherlands. Angle-lath-cutting machine. 1,463,791; Aug. 7.

Brell, Julius, J., New York, N. Y. Snap fastener. 1,450,938. Apr. 10.

Bremer, Christian F., Tampa, Fla. Cigar-assorting device. 1,465,462; Aug. 21.

Bremer, Christian F., Tampa, Fla. Smoker. 1,477,993; Dec. 18.

Bremer, Hugo E., Neheim, Westphalia, Germany. Steering gear for motor vehicles. 1,453,432; May 1.

Brendel, Fred G. and L. M., White Lake, Mich. Dimmer for automobile headlights. 1,447,707; Mar. 6.

Brendel, Louise M. (See Brendel, Fred G. and L. M.)

Brendel, Oskar, Nuremberg, Germany. System for utilizing waste heat of coke. 1,446,960; Feb. 27.

Brendlinger, Joseph E. (See Schillinger, Oscar M., assignor.)

Brenizer, Orson W., assignor of one-half to A. H. Boyd, Philadelphia, Pa. Hair curler. 1,445,266; Feb. 13.

Brenizer, Orson W., assignor of one-fifth to A. V. Groupe, Philadelphia, Pa. Cable support. Re15,581; Apr. 17.

Brenk, Ernest L., Cicero, Ill. Externally-operable inclosed safety-type switch. 1,453,740; May 1.

Brennan, Frank C., Cohoes, N. Y. Combination starter and ignition switch. 1,446,413; Feb. 20.

Brennan, James F. (See Chapman, F. J., and Brennan.)

Brennan, John S., Milwaukee, Wis. Burner-drum-lifting means. 1,454,265; May 8.

Brennan, William J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Press. 1,465,339; Aug. 21.

Brennan, William J., Swampscott, assignor to Coin Sorting and Counting Company, Boston, Mass. Device for operating upon coins. 1,468,874; Sept. 25.

Brenne, Richard, assignor to Kaestner & Hecht Company, Chicago, Ill. Guide shoe for elevators. 1,460,404; July 3.

Brenneman, Royal, Francesville, Ind. Fish box. 1,446.612; Feb. 27.

Brenner, Fredrick N., Tell City, Ind. Band-saw guide and guard. 1,452,179; Apr. 17.

Brenner, Herman D., assignor of one-fourth to H. T. Spiesberger, one-fourth to M. M. Cohn, and one-fourth to C. A. Cohn, Chicago, Ill. Cloth folding and measuring machine. 1,446,494; Feb. 27.

Brenner, Herman D., assignor of one-fourth to H. T. Spiesberger, one-fourth to M. M. Cohn, and one-fourth to C. A. Cohn, Chicago, Ill. Cloth examining and measuring machine. 1,446,495; Feb. 27.

Brenner, Herman D., assignor of one-fourth to H. T. Spiesberger, one-fourth to M. M. Cohn, and one-fourth to C. A. Cohn, Chicago, Ill. Cloth examining and measuring machine. 1,446,496; Feb. 27.

Brenner, John H., Douglas, Wyo. Piston ring. 1,458,207; June 12.

Brenner, Ralph F., and F. A. Murrin, assignors to H. C. Fry Glass Company, Rochester, Pa. Coffeepot. 1,472,901; Nov. 6.

Brenzinger, Julius, Fairfield, assignor to The Max Ams Machine Company, Bridgeport, Conn. Seaming machine. 1,445,288; Feb. 13.

Breon, Cora L. (See Breon, Maurice P., assignor.)

Breon, Maurice P., assignor to C. L. Breon, Newport News, Va. Tire remover. 1,442,519; Jan. 16.

Bresch, Joseph, Rosemont, N. J. Throw-off mechanism for ribbon looms. 1,475,047; Nov. 20.

Bresee, Wright D., Los Angeles, Calif. Keyhole guard. 1,468,955; Sept. 25.

Breslavsky, Hyman, Brooklyn, N. Y. Finger ring. Des. 63,070; Oct. 2.

Breslavsky, Hyman, Brooklyn, N. Y. Finger ring. Des. 63,280; Nov. 20.

Bressler, Robert E., Hammond, Ind. Automotive material excavating, moving, and surfacing machine. 1,472,580; Oct. 30.

Brest, Jacob J., New York, N. Y. Burglar alarm. 1,450,132; Mar. 27.

Bretan, Benni, et al. (See Zweig, H., and Schneiderman, assignors.)

Breth, Maximilian, New York, N. Y. Cloth-cutting machine. 1,445,820; Feb. 20.

Breth, Robert L., Butler, Pa. Valve tool. 1,446,822; Feb. 27.

Bretos y Claveria, Manuel, Santiago, Cuba. Lock for cases. 1,445,489; Feb. 13.

Bretschneider, Max, Plauen, Germany. Means for producing beaded embroidery on embroidering machines. 1,441,557; Jan. 9.

Bretschneider, Max, Plauen, Germany. Embroidery needle for use in connection with multineedle embroidery machines. 1,443,456; Jan. 30.

Bretsnyder, Ferdinand C., St. Louis, Mo. Oil burner. 1,453,257; Apr. 24.

Brett, James J. (See Miller, Robert J., assignor.)

Brett Manufacturing Company. (See Loomis, Evarts G., assignor.)

Bretzfelder, Ira L., assignor to Alvey Manufacturing Company, St. Louis, Mo. Conveyer. 1,473,808; Nov. 13.

Breuker & Kessler Company. (See Kessler, Harry C., assignor.)

Breul, Richard A., Bridgeport, Conn. Transformable walking stick. 1,475,740; Nov. 27.

Breuninger, George F., Newark, N. J. Display rack. 1,465,891; Aug. 21.

Brewer, Carlos W., Minneapolis, Minn. Heating apparatus. 1,467,088; Sept. 4.

Brewer, Frank A., and G. W. Branston; said Brewer assignor of his entire right to F. A. Brewer, jr., Vancouver, British Columbia, Canada. Ball-pulverizing mill. 1,452,786; Apr. 24.

Brewer, Frank A., jr. (See Brewer, F. A., and Branston, assignors.)

Brewer, Frank G., Hunter, N. Dak. Vegetable cutter. 1,452,546; Apr. 24.

Brewer, Harry, Sidney, Nebr. Air-pump pressure-regulating device. 1,461,379; July 10.

Brewer, Henry, Wilmette, Ill., assignor to Leeds & Northrup Company, Philadelphia, Pa. Measuring and indicating apparatus. Re15,597; May 15.

Brewer, Henry, Wilmette, Ill., assignor to Leeds & Northrup Company, Philadelphia, Pa. Measuring and indicating apparatus. Re15,617; June 5.

Brewer, John F. (See Pyle, A. C., and Brewer.)

Brewer, Johnson, Ferris, Tex. Flour sifter. 1,472,204; Oct. 30.

Brewer, Oscar Z., Spokane, Wash. Timing mechanism. 1,460,405; July 3.

Brewer, Robert, Dayton, Ohio. Hot-spot manifold. 1,476,281; Dec. 4.

Brewer, Robert W. A., Indianapolis, Ind. Fuel manifold. 1,456,176; May 22.

Brewer-Titchener Corporation, The. (See Conine, Ernest E., assignor.)

Brewer-Titchener Corporation, The. (See Haagland, Robroy C., assignor.)

Brewer-Titchener Corporation, The. (See Winans, Daniel M., assignor.)

Brewer, William H. S., Epsom, New Zealand. Kettle-lid-raising means. 1,455,070; May 15.

Brewington, Philip J., Temple, Tex. Float ball. 1,457,055; May 29.

Brewster, Charles W., assignor to The Brewster-Goldsmith Corporation, Inc., New York, N. Y. Spark plug. 1,447,278; Mar. 6.

Brewster-Goldsmith Corporation. (See Brewster, Charles W., assignor.)

Brewster, Harry C., Shreveport, La. Oil-well-drilling machine. 1,449,581; Mar. 27.

Brewster, Harry C., Shreveport, La. Drilling machine. 1,462,098; July 17.

Brewster, James C., Fort Madison, Iowa. Window-washer platform. 1,458.744; June 12.

Brewster, Jane G. (See Day, E. W., and Dougherty, assignors.)

Brewster, Joseph F., Clarendon, Va., and W. G. Raines, jr., Jackson, Miss., assignors to the Government of the United States and to the People of the United States. Employing decolorizing carbons annd other adsorbing materials. 1,447,461; Mar. 6.

Brewster, Louise H., Lexington, Mass. Woven fabric or similar article. Des. 61,866; Feb. 6.

Brewster, Louise H., Lexington, Mass. Woven fabric or similar article. Des. 61,867; Feb. 6.

Brewster, Oswald C. (See Porter, C. A., and Brewster.)

Brewster, William D., Syracuse, assignor to National Brake Company Incorporated, Buffalo, N. Y. Car-brake-operating mechanism. 1,444,104; Feb. 6.

Breyer, Frank G. (See Singmaster, J. A., and Breyer.)

Breyer, Frank G., Palmerton, and C. W. Farber, Bowmanstown, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Manufacture of lithopone. 1,446,637; Feb. 27.

Breyer, Frank G., and W. H. Finkeldey, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Manufacture of dry-battery cans. 1,451,758; Apr. 17.
Breyer, Frank G., J. P. Hubbell, and D. M. Kerr, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Roasting sulphide ores. 1,463,867; Aug. 7.
Breyer, Julius. (See Bolgár, Sándor, assignor.)
Breyer, Robert, assignor to Phoenix Knitting Works, Milwaukee, Wis. Safety device. 1,446,823; Feb. 27.
Brezin, Joseph, et al. (See Berzon, Louis, assignor.)
Brezin, Joseph, and L. Berzon, assignors of one-third to said J. Brezin, one-third to said L. Berzon, and one-third to W. Kosakoff, Philadelphia, Pa. Bag-frame lock. 1,445,663; Feb. 20.
Brhel, John W., (See Palmer, H. D., and Brhel.)
Briais, Henry E., New York, N. Y. Differential for motor vehicles. 1,453,909; May 1.
Brice, Arthur W., Rochester, and W. Hamann, Irondequoit, N. Y., assignors to United Shoe Machinery Corporation, Paterson, N. J. Folding machine. 1,466,697; Sept. 4.
Brickell, Eli F., Bradford, Pa. Ventilating-sash lock. 1,442,642; Jan. 16.
Bricken, John, Chicago, Ill. Pencil. Des. 62,878; Aug. 21.
Bricken, John, Chicago, Ill. Pencil. 1,478,018; Dec. 18.
Bricker, Abraham H., Brooklyn, N. Y. Trousers. 1,459,498; June 19.
Brickhouse, James G. (See Holadia, Thomas F., assignor.)
Briddell, Charles D., Crisfield, Md. Producing oyster tongs. 1,471,378; Oct. 23.
Briddell, Charles D., Crisfield, Md. Forming die. 1,472,406; Oct. 30.
Briddell, Charles D., Crisfield, Md. Machine for shaping tong handles. 1,472,510; Oct. 30.
Briddes, William, Darby, Pa. Building block. 1,466,985; Sept. 4.
Bridgers, John D., Florence, S. C. Reatomizer attachment for internal-combustion engines. 1,463,496; July 31.
Bridges, Josiah S., Chicago, Ill. Detachable holder for dental impression trays. 1,461,209; July 10.
Bridges, Lewis B., Brooklyn, assignor to Ramp Buildings Corporation, New York, N. Y. Building. 1,444,322; Feb. 6.
Bridges, Lewis B., Brooklyn, assignor to Ramp Buildings Corporation, New York, N. Y. Building. 1,444,323; Feb. 6.
Bridges, Ray G., Toronto, Ontario, Canada. Electric heating element. 1,474,887; Nov. 20.
Bridgeford, John J. (See van de Pol, Alfons H., assignor.)
Bridgeford, John J., Philadelphia, Pa. Steam-boiler furnace. 1,456,119; May 22.
Bridgman, J. B. (See Bird, Benjiman M., G. C., and D. P., assignors.)
Bridgman, Percy W., Cambridge, Mass. Electrical sound-detecting apparatus. 1 446,544; Feb. 27.
Bridgeport Brass Company. (See Clark, Walter R., assignor.)
Bridgeport Brass Company. (See Limont, Alexander W., assignor.)
Bridgeport Chain Company, The. (See Hotchkiss, Howard F., assignor.)
Bridgeport Metal Goods Manufacturing Company, The. (See Loveman, William R., assignor.)
Bridgwater, Herbert E., Syracuse, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,442,792; Jan. 23.
Bridgwater, Herbert E., Syracuse, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,467,995; Sept. 18.
Bridgwater, Herbert E., Syracuse, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,467,996; Sept. 18.
Bridgwater, Herbert E., Syracuse, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,468,274; Sept. 18.
Bridwell, Samuel F., and J. F. Kennedy, Terre Haute, Ind. Controlling system for mine-blasting operations. 1,444,827; Feb. 13.
Bried, Julien A., Oakland, Calif. Friction-clutch mechanism. 1,471,721; Oct. 23.
Bried, Julien A., Oakland, Calif., assignor to H. C. White Company, North Bennington, Vt. Velocipede driving part. 1,469,884; Oct. 9.
Briehl, John H., Stitzer, Wis. Milk-can closure. 1,473,951; Nov. 13.
Brier, Henry, Dartford, England. Receiver of refrigerating apparatus. 1,452,999; Apr. 24.
Brierton, Benjamin E., and J. H. Tinder, Birmingham, Ala. Optometrical method and instrument. 1,468,797; Sept. 25.
Brierty, Michael J., Chicago, Ill. Electrically-controlled mechanism. 1,467,704; Sept. 11.
Briese, George L. and E. B. Martin, Minneapolis, Minn. Lock nut. 1,448,952; Mar. 20.
Brigden, Arthur, Birmingham, Ala. Boll-weevil machine. 1,458,799; June 12.
Brigden, Arthur, Birmingham, Ala. Boll-weevil machine. 1,458,800; June 12.
Brigg, Walter J., Epping, New South Wales, Australia. Boot or shoe. 1,466,611; Aug. 28.
Briggs, Arthur J., assignor to The Auto Mail Distributer, Inc., Syracuse, N. Y. Feeding and imprinting mechanism for mail and other units. 1,452,867; Apr. 24.
Briggs, Arthur J., assignor to The Auto Mail Distributer, Inc., Syracuse, N. Y. Mail-distributing apparatus. 1,453,125; Apr. 24.
Briggs, Budgar, Briggsville, Ark. Gate hinge. 1,442,557; Jan. 16.
Briggs, D. F., Company. (See Slaiger, Henry, assignor.)
Briggs, Eugene C., Norwood, Mass. Phonograph-record file. 1,455,565; May 15.
Briggs, Harry E., Anderson, Ind. Dispensing apparatus. 1,468,275; Sept. 18.
Briggs, Joseph, deceased. (See Whittaker, J., Bradshaw, and Briggs.)
Briggs Manufacturing Company. (See Maise, Herman C., assignor.)
Briggs, Marion W., Monmouth, Ill. Furnace damper. 1,443,000; Jan. 23.
Briggs, Millison, administratrix. (See Whittaker, J., Bradshaw, and Briggs.)
Briggs & Stratton Co. (See Soreng, Edgar M., assignor.)
Briggs, William P., New Bedford, Mass. Fuse plug. 1,455,566; May 15.
Brigham, Arthur A., Boston, Mass. Thread-splicing machine. 1,459,875; June 26.
Bright, Albert E., assignor of one-half to W. Auchstetter, Idagrove, Iowa. Wagon attachment. 1,453,910. May 1.
Bright, Fred W., Murfreesboro, Tenn. Ensilage follower. 1,471,940; Oct. 23.
Bright, George B., Detroit, Mich. Ice-can filler. 1,447,614; Mar. 6.
Bright, Martin C., and J. M. Brautigam, Indianapolis, Ind. Traveling tire-vulcanizing system. 1,448,481; Mar. 13.
Brightbill, David, Lebanon, Pa. Sausage-stuffing machine. 1,469,377; Oct. 2.
Brightman, G. F., et al. (See Brightman, Harrison M., assignor.)
Brightman, H. L., et al. (See Brightman, Harrison M., assignor.)
Brightman, Harrison M., assignor of one-fourth to G. F. Brightman, one-fourth to H. L. Brightman, and one-fourth to J. H. Brightman, Columbus, Ohio. Manufacturing acorn nuts. 1,456,215; May 22.
Brightman, Harrison M., assignor of one fourth to G. F. Brightman, one-fourth to H. L. Brightman, and one-fourth to J. H. Brightman, Columbus, Ohio. Feeding and sorting device. 1,456,216; May 22.
Brightman, Harrison M., assignor of one-fourth to G. F. Brightman, one-fourth to H. L. Brightman, and one-fourth to J. H. Brightman, Columbus, Ohio. Shaft-straightening apparatus. 1,456,217; May 22.
Brightman, Harrison M., assignor of one-fourth to G. F. Brightman, one-fourth to H. L. Brightman, and one-fourth to J. H. Brightman, Columbus, Ohio. Conveyer apparatus. 1,456,218; May 22.
Brightman, J. H., et al. (See Brightman, Harrison M., assignor.)
Brighton Mills. (See Pearson, W. H., and Brighton, assignors.)
Brilhart, William W., Indiana, Pa. Optical lens. 1,448,052; Mar. 13.
Brill, Abram, Spartanburg, S. C. Service box for switches. 1,472,152; Oct. 30.
Brill, Frank. (See Young, W. A., and Brill.)
Brill, Hazel, Brooklyn, assignor to Brass Goods Mfg. Co., New York, N. Y. Container. Des. 62,098; Mar. 20.
Brill, J. G., Company, The. (See Adams, Walter S., assignor.)
Brill, J. G., Company, The. (See Brooks, James A., assignor.)
Brill, J. G., Company, The. (See Dennis, Charles F., assignor.)
Brill, Max, New York, N. Y. Hand bag. Des. 62,199; Apr. 10.
Brillo Manufacturing Co. (See Loeb, Milton B., assignor.)
Brillouin, Leon N., Paris, France. Telephone and wireless-telegraphy installation. 1,465,250; Aug. 21.
Brimson, James H., assignor to Brimson Transmission Company, Saginaw, Mich. Variable-speed device. Re15,614; May 29.
Brimson Transmission Company. (See Brimson, James H., assignor.)
Brinck, John R., Moline, Ill. Sun shield and shade for motor vehicles. 1,442,121; Jan. 16.
Brindley, Joseph F., assignor to Hodges Finishing Company, East Dedham, Mass. Cloth-piling machine. 1,452,825; Apr. 24.
Brine, Percival F., Boston, Mass., assignor to Oil Wells Renewal Company, Chicago, Ill. Electrical heater for oil wells. 1,457,690; June 5.
Briner, Frank, Chester, Pa., assignor to Penn Seaboard Steel Corporation, New York, N. Y. Casting steel frames. 1,474,888; Nov. 20.
Briner, Frank, assignor to Penn Seaboard Steel Corporation, Chester, Pa. Feeding head. 1,474,889; Nov. 20.
Briney, Ottis R., Cleveland, Ohio. Locking means for guide bushings. 1,465,181; Aug. 14.

Briney, Ottis R., Pontiac, Mich. Guide bushing. 1,465,209; Aug. 14.

Briney, Ottis R., Pontiac, Mich. Guide bushing. 1,465,236; Aug. 14.

Brink, Charles R., Buffalo, assignor of one-half to L. D. Brink, Hornell, N. Y. Self-adjusting bearing. 1,447,339; Mar. 6.

Brink, Lewis D. (See Brink, Charles R., assignor.)

Brink, William, Henryetta, Okla. Gasoline recovery. 1,477,103; Dec. 11.

Brinker, Jesse E., and C. P. McNeil, assignors to Standard Oil Company, Whiting, Ind. Candle-shaping machine. 1,474,890; Nov. 20.

Brinkerhoff, Frederic H., Clinton, Iowa. Differential diaphragm. 1,473,173; Nov. 6.

Brinkman, Carl F., Milwaukee, Wis. Collapsible coat hanger. 1,453,000; Apr. 24.

Brinkman, Louis H., Glen Ridge, assignor, by mesne assignments, to General Seamless Tube Company, Bloomfield, N. J. Drawing Monel and other hard metals. 1,440,527; Jan. 2.

Brinkman, Louis H., Glen Ridge, assignor, by mesne assignments, to General Seamless Tube Company, Bloomfield, N. J. Metal-drawing apparatus and method. 1,442,213; Jan. 16.

Brinkman, Louis G., assignor to The Safety Automatic Toy Company, Dayton, Ohio. Toy pistol. 1,472,153; Oct. 30.

Brinley, John W., Lincoln, Nebr. Signal for motor cars. 1,477,104; Dec. 11.

Brinsmade, Daniel E. (See Bishop, C., and Brinsmade.)

Brinton, W. P. et al. (See Neilly, Daniel H., assignor.)

Brinton, Willard C., New York, N. Y. Curve record system. 1,461,710; July 10.

Briody, Bernard, Chicago, Ill., assignor to Truscon Steel Company, Youngstown, Ohio. Contraction joint for roadways. 1,460,841; July 3.

Briody, Thomas P., Bethlehem, Pa. Music-leaf turner. 1,446,333; Feb. 20.

Brion, Adolph E. (See Mietzelfeld, Otto, assignor.)

Brisben, Ernest J., East Cleveland, Ohio. Sole tip. 1,458,218; June 12.

Brisbin, George L., Punxsutawney, Pa. Collar-fastening device. 1,473,460; Nov. 6.

Brisbois, Odilon, Chicago, Ill. Electric starter for internal-combustion engines. 1,451,530; Apr. 10.

Brisbois, Odilon, Chicago, Ill. Engine starter. 1,466,926; Sept. 4.

Briscoe, Henry V. A., assignor to himself and F. W. Berk and Company, Limited, London, England. Separating solids by crystallization from solvents. 1,443,616; Jan. 30.

Briscoe & Stahl Co. (See Stahl, Rodolphe, assignor.)

Brissey, Forrest L., Oakland, Calif. Amusement device. 1,445,477; Feb. 13.

Bristol Aeroplane Company Limited, The. (Thurston, Albert P., assignor.)

Bristol Company, The. (See Petitjean, Charles W., assignor.)

Bristol, Edgar H., assignor to The Foxboro Company Foxboro, Mass. Liquid head gauge. 1,452,142; Apr. 17.

Bristol, John I. D., et al. (See Welch, Thomas H., assignor.)

Bristol, William H., Waterbury, Conn. Synchronous operation of entertainment apparatus. 1,452,063; Apr. 17.

Bristol, William H., Waterbury, Conn. Multiple sound-reproducing apparatus. 1,468,455; Sept. 18.

Bristol, William H., Waterbury, Conn. Thermoelectric couple. 1,468,456; Sept. 18.

Bristow, John A. (See Wofford, G. M., and Bristow.)

Britan, Harlan M., Ojus, Fla. Trap. 1,464,559; Aug. 14.

British Arc Welding Company, Limited. (See Ogden, Herbert, assignor.)

British Dyestuffs Corporation Limited. (See Baddiley, J., Payman, and Bainbridge, assignors.)

British Dyestuffs Corporation Limited. (See Baddiley, J., Payman, and Wignall, assignors.)

British Dyestuffs Corporation Limited. (See Fairbrother, T. H., and Renshaw, assignors.)

British Dyestuffs Corporation Limited. (See Segaller, D., and Peacock, assignors.)

British Dyestuffs Corporation, Limited. (See Wyler, Max, assignor.)

Britt, Joseph, New York, N. Y. Welding electrode holder. 1,472,581; Oct. 30.

Brittain, George E., assignor to I. L. Keith, Haverhill, Mass. Leather-skiving machine. 1,446,033; Feb. 20.

Brittain, John E., Guilford, Mo. Disk-sharpening machine. 1,463,665; July 31.

Britten, Edwin F., jr., Maplewood, N. J., assignor to Monroe Calculating Machine Company, New York, N. Y. Overthrow check for calculating machines. 1,462,061; July 17.

Britten, Edwin F., jr., Maplewood, N. J., assignor to Monroe Calculating Machine Company, New York, N. Y. Carry mechanism for registers. 1,462,058; July 17.

Britten, Edwin F., jr., Maplewood, N. J., assignor to Monroe Calculating Machine Company, New York, N. Y. Automatic carriage-raising means for calculating machines. 1,462,059; July 17.

Britten, Edwin F., jr., Maplewood, N. J., assignor to Monroe Calculating Machine Company, New York, N. Y. Carry-set mechanism for calculating machines. 1,462,060; July 17.

Britten, Edwin F., jr., Maplewood, N. J., assignor to Monroe Calculating Machine Company, New York, N. Y. Calculating machine. 1,474,230; Nov. 13.

Britten, Frank S., South English, Iowa. Disk scraper and fender. 1,457,960; June 5.

Britton, George W. (See Sweet, M. A., and Britton.)

Britton, Glenn B., assignor to The Firestone Tire and Rubber Company, Akron, Ohio. Process and apparatus for treating rubber. 1,440,371; Jan. 2.

Britton, Reginald P. L., assignor to Griffiths Bros. & Company. London Limited, London, England. Fluid composition for compounding, impregnating, and coating. 1,477,938; Dec. 18.

Britzwein, Christian F., assignor of one-half to C. H. Voss, St. Louis, Mo. Fishing-line float. 1,469,885; Oct. 9.

Brix, Harold, assignor to Sharp & Smith, Chicago, Ill. Detachable-blade knife. 1,458,104; June 5.

Brixey, Austin D., New York, N. Y., assignor to Ordinator Company, Inc. Adjustable shade support. 1,454,830; May 8.

Brizendine, Samuel T., Kansas City, Mo. Resilient wheel. 1,448,107; Mar. 13.

Brizgis, Wladislaus, Turners Falls, Mass. Support for pictures or the like. 1,448,024; Mar. 13.

Broad, William, Beaver Falls, Pa. Electric switch, 1,451,008; Apr. 10.

Broadmeyer, Albert, assignor to The W. O. Hickok Mfg. Company, Harrisburg, Pa. Paper-feeding apparatus. 1,441,910; Jan. 9

Broadmeyer, Albert, assignor to W. O. Hickok Manufacturing Company, Harrisburg, Pa. Ruling apparatus. 1,449,376; Mar. 27.

Broadmeyer, Albert, assignor to The W. O. Hickok Manufacturing Company, Harrisburg, Pa. Paper-feeding apparatus. 1,449,377; Mar. 27.

Broadmeyer, Albert, assignor to The W. O. Hickok Mfg. Co., Harrisburg, Pa. Paper-ruling mechanism. 1,468,798; Sept. 25.

Broadwell, Edward H., Longmeadow, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Tire. Des. 63,251; Nov. 13.

Broady, Harry W., Bayside, N. Y., assignor to American Balsa Company, Inc. Apparatus for lowering and raising ships' boats. 1,465,787; Aug. 21.

Broady, Harry W., Bayside, N. Y., assignor to American Balsa Company, Inc. Device for securing and releasing lifeboats. 1,473,274; Nov. 6.

Broady, Harry W., Bayside, N. Y., assignor to American Balsa Company, Inc. Lowering and raising apparatus for ships' boats. 1,478,546; Dec. 25.

Broberg, Isidor. (See Ljungstrom, F., and Broberg.)

Broberg, Isidor. (See Ljungstrom, F., Broberg, and Eriksson.)

Broberg, Isidor, Skarsatra, Lidingon, assignor to Aktiebolaget Ljungströms Angturbin, Stockholm, Sweden. Balancing device between two coupled carriages for effecting desired wheel pressure. 1,456,587; May 29.

Broberg, Isidor, Skarsatra, Lidingon, assignor to Aktiebolaget Ljungströms Angturbin, Stockholm, Sweden. Coal bunker for locomotives. 1,467,997; Sept. 18.

Brobst, Ulysses S. G., Fresno, Calif. Headlight dimmer. 1,451,321; Apr. 10.

Brobst, William E., jr., Noblesville, Ind. Food machine. 1,458,872; June 12.

Broch, Albert T., New York, N. Y. Gas heater. 1,469,714; Oct. 2.

Brock, Edward J., St. Louis, Mo. Water purifier. 1,459,820; June 26.

Brock, Edward L., administrator. (See Brock, Matthias.)

Brock, J. H., et al. (See Baker, Louis E., assignor.)

Brock, John M., Brooklyn, N. Y. Acetylene lamp. 1,461,572; July 10.

Brock, Matthias, deceased, Boston, by E. L. Brock, Beverly, Mass., administrator, assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe-bottoming machine. 1,470,595; Oct. 16.

Brock, Max, assignor to I. B. Kleinert Rubber Company, New York, N. Y. Powder puff and cover therefor. 1,462,257; July 17.

Brock, Max, assignor to I. B. Kleinert Rubber Company, New York, N. Y. Powder puff. 1,462,258; July 17.

Brock, Max, assignor to I. B. Kleinert Rubber Company, New York, N. Y. Powder puff. 1,462,259; July 17.

Brock, Max, assignor to I. B. Kleinert Rubber Company, New York, N. Y. Powder puff. 1,462,260; July 17.

Brock, Nicholas V. D. (See Irwin, C. W., and Brock.)

Brock, Richard E., Wooster, Ohio, assignor, by mesne assignments, to Mackintosh-Hemphill Company, Pittsburgh, Pa. Continuous tube rolling mill. Re15,692; Oct. 2.

Brock, Verita B., Bridgeport, Tex. Sheet-placing machine. 1,447,958; Mar. 13.

Brocker, Frederick C., assignor of one-half to S. C. Farnham, Oakland, Calif. Nonglare device for headlights. 1,468,276; Sept. 18.

Brockett, Frederick G., and C. C. Wright, Chicago, Ill.; said Brockett assignor to said Wright. Connecting head for multiple telephone and other circuits. 1,466,351; Aug. 28.
Brockman, Joseph W., assignor to The Cincinnati Last Company, Cincinnati, Ohio. Shoe last. 1,457,872; June 5.
Brockmann, Christian H., Union Center, Wis. Draft equalizer. 1,443,457; Jan. 30.
Brockmeier, William A., Yuma, Colo. Telephone-circuit breaker. 1,477,939; Dec. 18.
Brockmiller, Frederick W. A., St. Petersburg, Fla. Ornamental fountain. 1,454,150; May 8.
Brockney, James L., and E. George, Detroit, Mich. Spark plug. 1,460,745; July 3.
Brockson, James W., assignor of one-half to P. L. McWhorter, Middletown, Del. Tractor. 1,461,027; July 10.
Brockson, Sigurd. (See Gallagher, M. L., and Brockson.)
Brockton Welting Co. (See Dunham, Arthur E., assignor.)
Brockway, Carl P., assignor to Industrial Research Corporation, Toledo, Ohio. Adjustable high resistance. 1,445,610; Feb. 13.
Brockway, Carl P., assignor to Industrial Research Corporation, Toledo, Ohio. Carburetor. 1,456,219; May 22.
Brockway, Carl P., assignor to Industrial Research Corporation, Toledo, Ohio. Two-cycle engine for bicycles. 1,456,220; May 22.
Brockway, Carl P., assignor to Industrial Research Corporation, Toledo, Ohio. Engine-starting mechanism. 1,456,493; May 22.
Brockway, Carl P., assignor to Industrial Research Corporation, Toledo, Ohio. Two-cycle engine. 1,473,602; Nov. 6.
Broderick & Bascom Rope Co. (See Knopp, Louis A., assignor.)
Brodesser, Peter H., Milwaukee, Wis. System of control for electric elevators. 1,460,569; July 3.
Brodeur, Magloire, Providence, R. I. Machine for covering tire rings. 1,463,868; Aug. 7.
Brodeur, Maurice, Montreal, Quebec, Canada. Apparatus for transmitting words. 1,453,741; May 1.
Brodin, Arvid, Los Angeles, Calif. Reserve carrier for automobiles. 1,463,792; Aug. 7.
Brodner, John, Seattle, Wash. Automatic feeder. 1,450,710; Apr. 3.
Broga, Wilson C. (See Hudson, C. J., and Broga.)
Brogan, Byard F., Philadelphia, Pa. Finger ring. Des. 63,552; Dec. 18.
Brogan, James A. et al. (See Mayo, Benjamin F., assignor.)
Brogan, James A., Lawrence, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Nail and nail string. 1,440,579; Jan. 2.
Brogan, James A., Lawrence, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening-inserting machine. 1,447,233; Mar. 6.
Brogan, James A., Lawrence, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Finishing the edges of perforations. 1,450,244; Apr. 3.
Brogan, James A., Lawrence, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method and apparatus for producing nail strings. 1,472,044; Oct. 30.
Brogan, James A., Lawrence, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Reel. 1,473,607; Nov. 13.
Brogan, Patrick F. et al. (See Mayo, Benjamin F., assignor.)
Brogden, Ernest M., assignor to Brogdex Company, Winter Haven, Fla. Apparatus for the sizing and distribution of fruit. 1,457,143; May 29.
Brogden, Joah, Melrose Park, assignor to David Lupton's Sons Company, Philadelphia, Pa. Window-sash-assembling apparatus. 1,445,664; Feb. 20.
Brogden, Joah, Melrose Park, assignor to David Lupton's Sons Company, Philadelphia, Pa. Pipe-bending machine. 1,473,756; Nov. 13.
Brogden, Thomas W. E., Dungannon, Ireland. Springing of road vehicles and the like. 1,470,424; Oct. 9.
Brogdex Company. (See Brogden, Ernest M., assignor.)
Brogdex Company. (See Haworth, Albert, assignor.)
Brogger, Ivar W., Newark, N. J., assignor to Standard Electric Manufacturing Company. Electrical measuring instrument. 1,452,590; Apr. 24.
Brogger, Ivar W., Newark, N. J., assignor to Standard Electric Manufacturing Company. Electrical measuring instrument. 1,452,591; Apr. 24.
Broido, Benjamin N., assignor to The Superheater Company, New York, N. Y. Superheater. 1,474,065; Nov. 13.
Brolliar, Clara B. (See Collamer, Clara B.)
Broluska, Amel B. and H. A., assignors of one-third to C. Cailliau, Detroit, Mich. Electric machine. 1,465,251; Aug. 21.
Broluska, Amel B. and H. A., assignors of one-third to C. Cailliau, Detroit, Mich. Fuel heater for internal-combustion engines. 1,467,225; Sept. 4.
Broluska, Harry A. (See Broluska, Amel B. and H. A.)
Brombacher, Julius, Los Angeles, Calif. Automatic fluid control. 1,461,262; July 10.
Bromberg, Oscar F. R., Los Angeles, Calif. Combined tire valve and pressure gauge. 1,478,506; Dec. 25.
Bromley, Henry S. (See Glazier, E. F., and Bromley.)
Bromley, Thomas C., and W. Cavers, Leicester, assignors to Mellor Bromley & Co. Limited, Minotaur Works, Leicester, England. Circular rib-knitting machine. 1,461,693; July 10.
Bron, Alte, Amsterdam, Netherlands. Device for sinking holes in the soil. 1,445,289; Feb. 13.
Bronander, Wilhelm B., Montclair, N. J. Internal-combustion engine. 1,460,474; July 3.
Bronander, Wilhelm B., Montclair, N. J. Internal-combustion engine. 1,460,475; July 3.
Bronnert, Emile, Mulhouse, France. Manufacture of viscose silk. 1,458,389; June 12.
Bronnert, Emile, Mulhouse, France. Manufacture of artificial silk. 1,463,793; Aug. 7.
Bronnert, Emile, Mulhausen, France. Manufacture of artificial silk. 1,464,805; Aug. 15.
Bronnert, Emile, Mulhouse, France. Manufacture of viscose silk. 1,471,513; Oct. 23.
Bronson, Adelbert E., Cleveland, Ohio. Steering-wheel mechanism. 1,475,928; Dec. 4.
Bronson, Adelbert E., Cleveland, Ohio, and J. J. Bowes, jr., Pensacola, Fla. Closure member for liquid containers. 1,464,692; Aug. 14.
Bronson, Fred L., Wichita Falls, Tex. Fender brace for automobiles, carriages, and the like. 1,457,144; May 29.
Bronson, Fred L., Wichita Falls, Tex. Adjustable fender brace. 1,461,304; July 10.
Bronson, George E., Beacon Falls, assignor of thirty per cent to L. S. Andrew, Naugatuck, Conn. Collapsible form. 1,470,612; Oct. 16.
Bronstein, Samuel, St. Paul, Minn. Nonstretchable mattress. 1,468,277; Sept. 18.
Brook, Albert Z., Mountain Grove, Mo. Match box. 1,459,278; June 19.
Brook, Irvie C. (See Rand, W. M., Brook, and Butler.)
Brooke, Alec, Glasgow, Scotland. Button. 1,458,873; June 12.
Brooke, George A., jr., Germantown, Pa. Automatic pressure control. 1,462,164; July 17.
Brooke, Lloyd A., Washington, D. C., assignor to H. E. Durham Motor Company, Seattle, Wash. Internal-combustion engine. 1,449,086; Mar. 20.
Brooke, William L., assignor to Kut Kwik Saw Company, Oakland, Calif. Motor meat saw. 1,448,188; Mar. 13.
Brooker, Eugene D., New York, N. Y. Hæmocytometer and method of making the same. 1,474,812; Nov. 20.
Brooker, Henry, London, England. Coin-freed apparatus for delivering parts from a strip. 1,445,478; Feb. 13.
Brooker, Henry T., Southend-on-Sea, England. Apparatus for playing race games. 1,462,189; July 17.
Brookes, Elijah, Stoke-on-Trent, England. Machine for use in the manufacture of teacups, breakfast cups, beakers, and other vessels or articles of pottery. 1,465,577; Aug. 21.
Brookes, John, and A. E. Tolley, Halesowen, England. Artificial teeth. 1,461,305; July 10.
Brookfield, William B., Syracuse, N. Y. Making high-speed steel. 1,446,153; Feb. 20.
Brookins, Earl, Glendale, Calif. Cut-out for mufflers of explosive engines. 1,468,492; Sept. 18.
Brooklyn Shield & Rubber Company. (See Rand, Le Roy H., assignor.)
Brookman, John H., et al. (See Slauson, Stephen A., assignor.)
Brookner, William W. (See Mercer, John F., assignor.)
Brooks, Andrew J. (See King, O. M., and Brooks.)
Brooks, Benjamin T. (See Eldred, B. E., and Brooks.)
Brooks, Benjamin T., Bayside, N. Y., assignor to Chadeloid Chemical Company. Making organic oxides. 1 446,872; Feb. 27.
Brooks, Benjamin T., Bayside, N. Y., assignor to Chadeloid Chemical Company. Making chlorhydrins of organic liquids. 1,446,873; Feb. 27.
Brooks, Benjamin T., Bayside, N. Y., assignor to Chadeloid Chemical Company. Dehydrating chlorhydrins. 1,446,874; Feb. 27.
Brooks, Benjamin T., Bayside, N. Y., assignor, by mesne assignments, to Carbide and Carbon Chemicals Corporation. Manufacture of chlorhydrin. 1,465,595; Aug. 21.
Brooks, Benjamin T., Bayside, assignor to Mathieson Alkali Works, New York, N. Y. Purification of brines. 1,475,563; Nov. 27.
Brooks, Boultbee, assignor to J. B. Brooks and Company Limited, Birmingham, England. Cycle seat. 1,442,643; Jan. 16.
Brooks, Charles, Washington, D. C., dedicated, by mesne assignments, to the People of the United States. Preserving apples. 1,450,408; Apr. 3.
Brooks, Charles W., assignor of one-half to A. W. Cobb, Huntsville, Ala. Boll-weevil exterminator. 1,472,544; Oct. 30.
Brooks, Chester K., Mentor, assignor to The National Malleable Castings Company, Cleveland, Ohio. Shock-absorbing mechanism. 1,452,725; Apr. 24.
Brooks, Edward, Atlanta, Ga. Attachment for baling presses. 1,456,265; May 22.
Brooks, Edward J., East Orange, N. J. Seal. 1,468,352; Sept. 18.
Brooks, George S., Gary, Ind. Retort volatilization of zinc. 1,471,774; Oct. 23.

Alphabetical list of patentees—Continued.

Brooks, George W., Topeka, Kans. Pressed-steel window sill. 1,445,067; Feb. 13.
Brooks, Harry, Uniontown, Pa. Potato knife. 1,477,421; Dec. 11.
Brooks, Harry J. W., assignor to J. M. Graham, Vancouver, British Columbia, Canada. Headlight lens. 1,449,809; Mar. 27.
Brooks, Herbert C., Clapham, London, assignor of one-half to H. F. Warbey, Highfield, Esher, Surrey, England. Machine for applying adhesive medium to envelopes, wrappers, and the like. 1,471,722; Oct. 23.
Brooks, Howard K., New York, N. Y. Golf-stroke counter. 1,460,842; July 3.
Brooks, J. B., and Company Limited. (See Brooks, Boultbee, assignor.)
Brooks, J. B., and Company Limited. (See Champ, G. H., and Kay, assignors.)
Brooks, J. B., and Company Limited. (See Lawrence, Arthur H., assignor.)
Brooks, James A., assignor to The J. G. Brill Company, Philadelphia, Pa. Car truck. 1,449,935; Mar. 27.
Brooks, James G., Omaha, Nebr. Floor waxer and polisher. 1,461,723; July 17.
Brooks, James H., Bridgeport, Conn., assignor of one-half to W. H. Douglas, New York, N. Y. Shock absorber. 1,442,022; Jan. 9.
Brooks, Lewis C., assignor, by mesne assignments, to The National Paper Can Company, Milwaukee, Wis. Paper can or carton. 1,462,443; July 17.
Brooks, Percy C., St. Johnsbury, Vt. Cutting implement. 1,444,324; Feb. 6.
Brooks, Robert A., Chicago, Ill. Flushing apparatus. 1,469,891; Oct. 9.
Brooks, Rufus M., Roseburg, Oreg. Tape feed and moistening machine. 1,456,859; May 22.
Brooks, Stacy D., Macklin, Saskatchewan, Canada. Harness construction. 1,478,507; Dec. 25.
Brooks, Thomas J., Sheridan, Pa. Method of and apparatus for detecting faulty engine construction. 1,451,386; Apr. 10.
Brooks, Thomas J., Nashville, Tenn. Standing mechanism for motor vehicles. 1,476,588; Dec. 4.
Brooks, Thomas O., Dallas, Tex., and A. H. Buck, Kansas City, Mo. Service structure. 1,468,956; Sept. 25.
Brooks, Wallace L., Schenectady, N. Y., assignor to General Electric Company. Lamp socket. 1,444,454; Feb. 6.
Brooks, Wallace L., Schenectady, N. Y., assignor to General Electric Company. Rheostat. 1,466,293; Aug. 28.
Brooks, Winfred M., South Orange, N. J. Sealing means. 1,453,268; May 1.
Brooks, Winfred M., South Orange, N. J. Sealing means. 1,465,072; Aug. 14.
Brooks, Winfred M., South Orange, N. J. Sealing means. 1,471,445; Oct. 23.
Broomall, Samuel E., Wilmington, Del. Traction appliance for vehicle wheels. 1,472,511; Oct. 30.
Broome, Ernest L., Tarrytown, N. Y. Detachable cigar band. 1,460,641; July 3.
Brophy, Charles B. (See Parsons, Theophilus, assignor.)
Brophy, John J., Philadelphia, Pa. Machine for treating textile materials or products. 1,457,297; June 5.
Brophy, John P., Cleveland, Ohio. Signal device for vehicles. 1,462,319; July 17.
Brophy, Oscar, Philadelphia, Pa. Method for separating magnetic materials. 1,453,699; May 1.
Brophy, Oscar, Philadelphia, Pa. Fruit-juice extractor. 1,454,918; May 15.
Broquier, Pablo. (See Emery, Gustav H., assignor.)
Broquist, Alben V., Chisago City, Minn. Aeroplane. 1,443,973; Feb. 6.
Broshar, Samuel H. (See Carr, V. B., and Broshar.)
Brosious, Adam, Sunbury, Pa. Safety grab hook. 1,478,727; Dec. 25.
Brosius, Edgar E., Pittsburgh, Pa. Automatic replay and record shift for phonographs. 1,460,940; July 3.
Broskie, Charles C., Stone, Ky. Phonograph diaphragm and sound box. 1,453,336; May 1.
Bross, Ernest E., assignor to The Traub Manufacturing Company, Detroit, Mich. Ring. Des. 62,470; June 12.
Brossman, Kathryn R., New York, N. Y. Flower holder. Des. 62,471; June 12.
Brother, William, Salt Lake City, Utah. Fluid clutch mechanism. 1,451,139; Apr. 10.
Brothers, Eli, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Upper-pulling machine. 1,441,210; Jan. 9.
Brothers, Eli, Lynn, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Relasting machine. 1,470,613; Oct. 16.
Brotz, Anton F., assignor to Kohler Company, Kohler, Wis. Regulator for generators. 1,472,788; Nov. 6.
Brotz, Anton F., assignor to Kohler Company, Kohler, Wis. Multiple-unit system of engine-driven generators. 1,476,686; Dec. 11.
Broughton, George A. (See Holland, I. G., and Broughton.)
Broughton, Walter C., Kansas City, Mo. Knockdown concrete building. 1,460,941; July 3.
Broughton, Walter C., Kansas City, Mo. Roof structure. 1,470,054; Oct. 9.
Brouillard, Ovide. (See Berthiaume, Evariste and A., assignors.)
Broun, Fleming D., New York, and W. R. McAlevey, Brooklyn, assignors, by mesne assignments, to "The Only Package Pie," Incorporated, New York, N. Y. Packaged food product. 1,446,782; Feb. 27.
Brow, J. S., et al. (See Neilly, Daniel H., assignor.)
Browand, Benjamin T., Cleveland, Ohio. Milling cutter. 1,468,857; Sept. 25.
Brower, Charles H., Philadelphia, Pa. Truck. 1,471,446; Oct. 23.
Brower, Edward W., Flushing, N. Y. Table for computing excess-baggage rates. 1,466,444; Aug. 28.
Brown, Albert J. (See Brown, Orian V., F. T., and A. J.)
Brown, Albert S., Omaha, Nebr. Emergency sectional tire. 1,478,885; Dec. 25.
Brown, Alexander C., and H. Gillett; said Brown assignor to The Brown Hoisting Machinery Company, Cleveland, Ohio. Building sections. 1,476,485; Dec. 4.
Brown, Alexander T., Syracuse, N. Y. Tractor plow. 1,446,826; Feb. 27.
Brown, Alexander T., Syracuse, N. Y. Driving-axle construction. 1,446,827; Feb. 27.
Brown, Alexander T., Syracuse, N. Y. Motor vehicle. 1,449,649; Mar. 27.
Brown, Alexander T., Syracuse, N. Y. Agricultural machine. 1,451,140; Apr. 10.
Brown, Alexander T., assignor to Brown-Lipe Gear Company, Syracuse, N. Y. Gear-shifting mechanism. 1,446,824; Feb. 27.
Brown, Alexander T., assignor to The Brown-Lipe Gear Company, Syracuse, N. Y. Gear-shifting mechanism. 1,446,825; Feb. 27.
Brown, Alexander T., assignor to Brown-Lipe Gear Company, Syracuse, N. Y. Driving axle construction. 1,447,959; Mar. 13.
Brown, Alexander T. and C. S., Syracuse, N. Y. Motor agricultural machine. 1,449,648; Mar. 27.
Brown, Alexander T. and C. S., Syracuse, N. Y. Air-cooled internal-combustion engine and electric generator plant. 1,451,201; Apr. 10.
Brown, Alfred C., Lewisham, London, England. Blotting appliance. 1,443,866; Jan. 30.
Brown, Alfred C., assignor to The Stearns & Foster Company, Lockland, Ohio. Batting. 1,442,793; Jan. 23.
Brown, Arthur J., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Dynamo-electric machine. 1,458,121; June 5.
Brown, Arthur J., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Winding-securing means for dynamo-electric machines. 1,476,947; Dec. 11.
Brown, Arthur L., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Soldering flux. 1,444,946; Feb. 13.
Brown & Bigelow. (See Fischer, Howard L., assignor.)
Brown & Bigelow. (See Harris, Blaine H., assignor.)
Brown & Bigelow. (See Kristofek, Frank J., assignor.)
Brown & Bigelow. (See Welcker, Paul H., assignor.)
Brown, Brazelton T., assignor of one-half to T. H. Komstohk, Indianapolis, Ind. Pattern mechanism for castings. 1,443,341; Jan. 30.
Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Feeler mechanism for looms. 1,453,828; May 1.
Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Feeler mechanism for looms. 1,471,305; Oct. 16.
Brown, Chalmers S., Lima, Ohio. Locking device. 1,473,986; Nov. 13.
Brown, Charles A. (See Luce, Grafton E., assignor.)
Brown, Charles A., Louisville, Ky. Coil-box protector. 1,443,001; Jan. 23.
Brown, Charles F., Greeneville, Tenn. Machine for sharpening law mowers. 1,448,518; Mar. 13.
Brown, Charles F., Greeneville, Tenn. Lawn-mower sharpener. 1,448,519; Mar. 13.
Brown, Charles F., and R. L. Tedesco, Weymouth, Mass. Fish-scaling apparatus. 1,440,960; Jan. 2.
Brown, Charles H., Breckenridge, Tex., Fishing tool. 1,462,099; July 17.
Brown, Charles H., Breckenridge, Tex. Fishing tool. 1,469,493; Oct. 2.
Brown, Charles H., Breckenridge, Tex. Fishing tool. 1,472,713; Oct. 30.
Brown, Charles H., Breckenridge, Tex. Collapsible socket. 1,472,714; Oct. 30.
Brown, Charles S. (See Brown, Alexander T. and C. S.)
Brown, Charles S., Ponca City, Okla. Distilling-vat scraper. 1,441,058; Jan. 2.
Brown, Charles S., Glenmont, Ohio. Collapsbile box. 1,467,089; Sept. 4.
Brown, Charles T. (See Brown, Winton E. and C. T.)
Brown, Charles T. (See King, Melbert, assignor.)
Brown, Charles T., St. Louis, Mo. Shock absorber. 1,442,246; Jan. 16.
Brown, Charles W., Cleveland, Ohio. Signal. 1,457,818; June 5.
Brown, Chauncey D., Warrenton, Va. Brake mechanism for automobiles. 1,470,905; Oct. 16.
Brown, Chisholm R., Somerton, and H. H. Hinds, Sydney, New South Wales, Australia, assignors to Emerson Brantingham Company, Rockford, Ill. Churn. Re. 15,677; Aug. 21.

Brown, Christopher, Charleroi, Pa, assignor to Pittsburgh Plate Glass Company. Corner-rounding machine. 1,475,741; Nov. 27.
Brown, Christopher, Charleroi, Pa., assignor to Pittsburgh Plate Glass Company. Machine for smoothing and polishing bevels. 1,475,742; Nov. 27.
Brown, Clarence J., Chicago, Ill. Bait. 1,441,059; Jan. 2.
Brown, Clarence O., and H. B. Walker, Lancaster, assignors, by mesne assignments, to The Fairfield Engineering Co., Marion, Ohio. Feeder for loading and unloading machines. 1,473,779; Nov. 13.
Brown, Claude E., Santa Ana, Calif. Releasing device for well tools. 1,471,775; Oct. 23.
Brown, Commodore P., Ronceverte, W. Va. Wrench. 1,455,423; May 15.
Brown, Commodore P., Ronceverte, W. Va. Bit clamp. 1,455,424; May 15.
Brown Company. (See Byers, Horace G., assignor.)
Brown Company. (See Cox, John T., assignor.)
Brown Company. (See Ebie, E., and Richter, assignors.)
Brown Company. (See Ek, Arvid, assignor.)
Brown Company. (See Parker, Howard, assignor.)
Brown Company. (See Richter, George A., assignor.)
Brown Company. (See Richter, G. A., and McMurtrie, assignors.)
Brown Company. (See Richter, G. A., and Wightman, assignors.)
Brown Company. (See Sherman, John C., assignor.)
Brown, Dalton E., Lancaster, Ohio. Artificial tree. 1,478,728; Dec. 25.
Brown, Daniel H. (See Royal, R. R., and Brown.)
Brown, David B., Bellingham, Wash. Safety-razor-blade resharpener. 1,455,567; May 15.
Brown, Davis, assignor to Hadfield Penfield Steel Company, Bucyrus, Ohio. Dry pan. 1,476,145; Dec. 4.
Brown, Derrell E., Mondamin, Iowa. Illuminating device for burial caskets. 1,457,650; June 5.
Brown, Dewees E. (See McCullough, O., and Brown.)
Brown, Dock W., et. al. (See Goodwin, Adolphus D., assignor.)
Brown, E. W. (See Rote, Charles V., assignor.)
Brown, Earl, Laurel, Iowa. Attachment for harrows. 1,478,886; Dec. 25.
Brown, Earle W., Elyria, Ohio. Dust catcher. 1,448,430; Mar. 13.
Brown, Edmund N., and A. M. Lambert, San Francisco, Calif., assignors to Majestic Electric Development Company. Waffle and hot-cake iron. 1,450,277; Apr. 3.
Brown, Edwin F., Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Wire-block stripper. 1,477,687; Dec. 18.
Brown, Edward V. (See Arendt, M., and Brown.)
Brown, Ellis E., Springmont, Pa. Flexible coupling. 1,455,425; May 15.
Brown, Eric F., Buxton, Iowa. Mouth washbasin attachment. 1,456,841; May 29.
Brown, Eugene L., jr., assignor to R. E. S. Geare, Chicago, Ill. Chain grate. 1,455,040; May 15.
Brown, Eugene L., jr., assignor to R. E. S. Geare, Chicago, Ill. Feed gate for automatic stokers. 1,455,041; May 15.
Brown, Eugene P. (See McNeil, C. P., and Brown.)
Brown, Fay C., Iowa City, Iowa. Selenium crystals and preparing the same. 1,456,532; May 29.
Brown, Francis H. (See Ogden, Sidney H., assignor.)
Brown, Francis H., Glen Olden, Pa., assignor to Petroleum Heat and Power Company, Boston, Mass. Burner 1,451,811; Apr. 17.
Brown, Francis H., Glen Olden, Pa., assignor to Petroleum Heat and Power Company, Boston, Mass. Burner. 1,451,812; Apr. 17.
Brown, Francis H., Glen Olden, Pa., assignor to Petroleum Heat and Power Company, Boston, Mass. Regulating apparatus. 1,455,860; May 22.
Brown, Francis H., Glen Olden, assignor, by mesne assignments, to The Hagan Corporation, Pittsburgh, Pa. Apparatus for controlling combustion. 1,463,142; July 24.
Brown, Francis H., Glen Olden, Pa., assignor to Petroleum Heat and Power Company, Boston, Mass. Regulating mechanism. 1,476,795; Dec. 11.
Brown, Francis H., Glen Olden, Pa., assignor to Petroleum Heat and Power Company, Boston, Mass. Apparatus for regulating combustion. 1,460,366; July 3.
Brown, Francis H., Philadelphia, assignor, by mesne assignments, to The Hagan Corporation, Pittsburgh, Pa. Controlling combustion. 1,463,141; July 24.
Brown, Francis H., Ridley Park, assignor, by mesne assignments, to The Hagan Corporation, Pittsburgh, Pa. Controlling combustion. 1,463,143; July 24.
Brown, Frank A. (See Koss, William E., assignor.)
Brown, Frank A. (See Richmond, William A. and F. P., assignors.)
Brown, Frank C., and E. E. Nason, State Center, Iowa. Tractor hitch. 1,442,247; Jan. 16.
Brown, Frank E., Seattle, Wash. Sign. 1,455,474; May 15.
Brown, Frank T. (See Brown, Orian V., F. T., and A. J.)
Brown, Frank W., Wilkinsburg, and A. R. Marshall, assignors to Central Railway Signal Company, Pittsburgh, Pa. Railway signal torpedo. 1,458,745; June 12.
Brown, Fred, et al. (See Leahy, Herbert V., assignor.)
Brown, Fred E., assignor to Zenite Metal Company, Indianapolis, Ind. Windshield. 1,456,221; May 22.
Brown, Frederick E., assignor to National Tube Company, Pittsburgh, Pa. Metal-shaping machine. 1,474,066; Nov. 13.
Brown, Frederick M. (See Clark, Winthrop A., assignor.)
Brown, Frederick S., Torrington, Conn. Pipe cleaner. 1,477,207; Dec. 11.
Brown, George H., Portland, Oreg. Drag saw. 1,475,788; Nov. 27.
Brown, George R., Los Angeles, Calif. Valve cap. 1,440,718; Jan. 2.
Brown, George S., and L. M. Carpenter, Jewett City, assignors of one-third to G. Ely, Norwich, Conn. Receptacle for transporting yarn, rovings, or the like. 1,442,600; Jan. 16.
Brown, Gregory, assignor to Norton Company, Worcester, Mass. Grinding-fluid-circulating system. 1,455,187; May 15.
Brown, Gregory, and A. Turner, assignors to Norton Company, Worcester, Mass. Machine-table-reversing mechanism. 1,456,968; May 29.
Brown, Harold, Dacoma, Okla. Animal poke. 1,455,861; May 22.
Brown, Harold D., New York, N. Y. Acoustic device. 1,453,969; May 1.
Brown, Harry E., assignor to Brown Machine Company, Grenola, Kans. Underreamer. 1,454,843; May 15.
Brown, Harry H. (See Smith, H. A., and Brown.)
Brown, Harry J., Montreal, Canada. Trunk hatbox. 1,448,722; Mar. 20.
Brown, Harry M., New Kensington, Pa. Car coupler. 1,462,190; July 17.
Brown, Harry M., New Kensington, Pa. Car coupling. 1,469,355; Oct. 2.
Brown, Harry M., Union, N. Y. Automobile wheel. 1,472,352; Oct. 30.
Brown, Harry N., Peterborough, England. Spring hub. 1,447,410; Mar. 6.
Brown, Harry P., assignor of one-half to W. E. Powers, Boston, Mass. Gaiter. 1,463,357; July 31.
Brown, Harry V., assignor, by mesne assignments, of one-half to E. A. Barnes, jr., Oklahoma, Okla. Machine for making brick. 1,442,122; Jan. 16.
Brown, Harvey, assignor of one-half to A. H. Schaefer, Buffalo, N. Y. Keyhole guard. 1,457,017; May 29.
Brown, Haughton, Minneapolis, Minn. Broom. 1,454,831; May 8.
Brown, Henry A., assignor of one-third to G. E. Shinkle and one-third to F. M. White, Huntington, W. Va. Re and de railing device. 1,465,963; Aug. 28.
Brown, Henry J., Cleveland, Ohio. Medicinal preparation. 1,474,140; Nov. 13.
Brown, Herman E., Kingston, N. Y., and J. H. Stover, Nutley, N. J., assignors, by mesne assignments, to Multi-Fabric Corporation, New York, N. Y. Waterproof sheet material and making the same. 1,459,499; June 19.
Brown, Herman E., Kingston, N. Y., and J. H. Stover, Nutley, N. J., assignors, by mesne assignments, to Multi-Fabric Corporation, New York, N. Y. Production of coated fabrics and the like. 1,465,541; Aug. 21.
Brown Hoisting Machinery Company, The. (See Brown, A. C., and Gillett, assignors.)
Brown Hoisting Machinery Company, The. (See Case, John P., assignor.)
Brown Hoisting Machinery Company, The. (See Jacob, Brent C., assignor.)
Brown, Howard S., et al. (See Duder, John, assignor.)
Brown, Hudson, Chicago, Ill. Railway gate. 1,468,278; Sept. 18.
Brown, Hugh F. (See Errett, T. A., and Brown.)
Brown Instrument Company, The. (See Brown, Richard P., assignor.)
Brown Instrument Company. (See Brown, R. P., and Frey, assignors.)
Brown, Isaac, New York, N. Y. Dental impression guide. 1,478,019; Dec. 18.
Brown, Isaac M., Youngstown, Ohio. Direction indicator. 1,453,237; Apr. 24.
Brown, James A., Boston, Mass. Rotary explosive engine. 1,478,378; Dec. 25.
Brown, James H., New York, N. Y., and S. Norden, Auburn, R. I., assignors to said Brown. Foot mobile. 1,440,372; Jan. 2.
Brown, James M., Philadelphia, Pa. Spool. 1,455,779; May 22.
Brown, James M., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Switching device. 1,448,383; Mar. 13.
Brown, James M., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Circuit-interrupting device. 1,448,384; Mar. 13.
Brown, James M., assignor to Westinghouse Electric & Manufacturing Company, Pittsburgh, Pa. Bus-bar-supporting structure. 1,472,154; Oct. 30.
Brown, James M., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Clamp. 1,475,744; Nov. 27.
Brown, James W., San Diego, Calif. Automobile tool-box support. 1,451,202; Apr. 10.
Brown, Jeremiah E., Brooklyn, N. Y. Swing. 1,460,843; July 3.

Alphabetical list of patentees—Continued.

Brown, John C., Minneapolis, Minn. Insect trap. 1,454,667; May 8.
Brown, John F., Sidney, Manitoba, Canada. Water trap. 1,440,719; Jan. 2.
Brown, John F., Phenix, R. I. Running-board footplate. 1,464,970; Aug. 14.
Brown, John H., Springfield, Mass. Receipt protector. 1,446,638; Feb. 27.
Brown, John H., assignor to C. Hadaway, Vancouver, British Columbia, Canada. Kettle. 1,478,729; Dec. 25.
Brown, John M., Houston, Tex. Apparatus for treating pickles. 1,441,481; Jan. 9.
Brown, John W., Denver, Colo. Continuously-operating air-pressure filter. 1,446,448; Feb. 27.
Brown, John W., Fort Wayne, Ind. Carburetor attachment. 1,454,503; May 8.
Brown, John W., Fort Scott, Kans. Combined collar and muzzle. 1,474,231; Nov. 13.
Brown, John W., jr., Philadelphia, Pa. Drilling machine. 1,467,526; Sept. 11.
Brown, John W., and J. N. Fitzsimmons, Newark, Ohio. Cord holder. 1,459,763; June 26.
Brown, Joseph R., Fresnillo, Mexico. Airtight pipe coupling. 1,472,290; Oct. 30.
Brown, Julius A., Peekskill, N. Y. Stylus for phonograph reproducers. 1,454,951; May 15.
Brown, Julius A., assignor to E. Loomis, Peekskill, N. Y. Stylus mounting for reproducers. 1,469,451; Oct. 2.
Brown, Julius A., assignor to E. Loomis, Peekskill, N. Y. Spring stylus mounting for phonographs. 1,469,452; Oct. 2.
Brown, Kenneth C., Hinsdale, assignor to Winslow Safety High Pressure Boiler Company, Chicago, Ill. Steam-propelled vehicle. 1,441,658; Jan. 9.
Brown, Laura A. (See Brown, William, assignor.)
Brown, Leo B. (See Lewis, F. J., and Brown.)
Brown Lipe Chapin Company. (See Ormsby, Donald D., assignor.)
Brown-Lipe Gear Company. (See Brown, Alexander T., assignor.)
Brown, London, Willow, assignor to L. R. England, Carter, and J. F. Vinson, Willow, Okla. Tire casing. 1,449,582; Mar. 27.
Brown, Louis C., Sasakwa, Okla. Game appliance. 1,459,389; June 19.
Brown Machine Company. (See Brown, Harry E., assignor.)
Brown, Mary E. (See Lindsay, Robert F., assignor.)
Brown, Mary M., Elberton, Ga. Attachment for music sheets. 1,456,670; Mar. 29.
Brown, Max. (See Currier, Andrew E., assignor.)
Brown, Max. (See Gleason, Frederick J., assignor.)
Brown, Max, Boston, Mass. Innersole. 1,473,695; Nov. 13.
Brown, Milo, Anderson, Ind. Protracting square. 1,455,708; May 15.
Brown, Mortimer J., assignor to The Pacific R. & H. Chemical Corporation, Los Angeles, Calif. Purifying liquid hydrocyanic acid. 1,444,300; Feb. 6.
Brown, Myer. (See Hitchcock, George E., assignor.)
Brown, Myron A., New York, N. Y. Swinging and sliding door construction. 1,472,457; Oct. 30.
Brown, Obediah H., Oxford, N. J. Tire guard. 1,471,237; Oct. 16.
Brown, Ole and S., Minneapolis, Minn. Auto-table lunch case. 1,444,455; Feb. 6.
Brown, Oliver W., and C. O. Henke, Bloomington, Ind. Manufacture of azoxy, azo, hydrazo, and amino compounds. 1,451,489; Apr. 10.
Brown, Oliver W., and C. O. Henke, Bloomington, Ind. Manufacture of aromatic amino compounds. 1,456,969; May 29.
Brown, Omer, Connersville, Ind. Plowshare. 1,475,743; Nov. 27.
Brown, Orian V., F. T., and A. J., Dale, Ind. Log-loading device. 1,447,201; Mar. 6.
Brown, Orin C., et al. (See Marshall, Walker E., assignor.)
Brown, Oscar E., Buffalo, N. Y. Nonskid attachment for vehicle tires. 1,440,580; Jan. 2.
Brown, Oscar E., Buffalo, N. Y. Adjustable chain hook. 1,459,670; June 19.
Brown, Percy, and F. J. Bostock, Huddersfield, England, assignors to Timken-Detroit Axle Company. Worm gearing. 1,440,907; Jan. 2.
Brown, Peter N., Mosman, near Sydney, new South Wales, Australia. Cylinder-shape slip-lid container boxes. 1,445,068; Feb. 13.
Brown, Phelps, Springfield, Mass. Actuating mechanism for magnetos. 1,472,545; Oct. 30.
Brown, Phelps, and I. E. Hendrickson, assignors to Wico Electric Company, Springfield, Mass. Trip finger for magnetos. 1,472,546; Oct. 30.
Brown Process Company. (See Jones, Richard G., assignor.)
Brown, Reinhardt H., assignor to Outing Kumfy-Kab Company, Laporte, Ind. Wheel mounting for vehicles. 1,446,243; Feb. 20.
Brown, Richard H., Indianapolis, Ind. Gasoline-line lock for cars. 1,449,378; Mar. 27.
Brown, Richard H., New York, N. Y. Electric hair drier. 1,451,151; May 8.
Brown, Richard P., assignor to The Brown Instrument Company, Philadelphia, Pa. Electric signaling and controlling apparatus. 1,443,165; Jan. 23.
Brown, Richard P., assignor to The Brown Instrument Company, Philadelphia, Pa. Furnace-regulating apparatus. 1,443,166; Jan. 23.
Brown, Richard P., assignor to The Brown Instrument Company, Philadelphia, Pa. Recording instrument. 1,446,961; Feb. 27.
Brown, Richard P., assignor to Brown Instrument Company, Philadelphia, Pa. Control apparatus. 1,459,821; June 26.
Brown, Richard P., and C. P. Frey, assignors to Brown Instrument Company, Philadelphia, Pa. Method of and apparatus for measuring electrical resistance. 1,460,530; July 3.
Brown, Richard P., and C. P. Frey, assignors to The Brown Instrument Company, Philadelphia, Pa. Optical pyrometer. 1,476,486; Dec. 4.
Brown, Robert, assignor to The Parsons Company, Newton, Iowa. Side cutter for trenching machines. 1,477,940; Dec. 18.
Brown, Robert B., assignor to T. Mark and A. E. McDonald, San Francisco, Calif. Vehicle propulsion means. 1 447,119; Feb. 27.
Brown, Robert M. (See Schaefer, C. P., and Brown.)
Brown, Robert R., and G. M. Peterson, Seattle, Wash. Shock absorber. 1,467,090; Sept. 4.
Brown, Robert S., London, England. Closure for bottles, tins, jars, containers, and receptacles. 1,471,139; Oct. 16.
Brown, Robert S., London, England. Closure for bottles, tins, jars, containers, and receptacles. 1,471,140; Oct. 16.
Brown, Roland W., New York, N. Y. Self opening and delivering envelope. 1,467,291; Sept. 4.
Brown, Russell S., Brooklyn, assignor to Newman Clock Company, Inc., New York, N. Y. Time register. 1,442,044; Jan. 16.
Brown, Samuel C. B., Amite, La. Resilient tire construction. 1,454,036; May 8.
Brown & Sharpe Manufacturing Company. (See Parker, John W., assignor.)
Brown & Sharpe Manufacturing Co., The. (See Tabor, Albert B., assignor.)
Brown and Sharpe Manufacturing Company. (See Townsend, Herbert E., assignor.)
Brown & Sharpe Mfg. Co. (See Graves, Benjamin P., assignor.)
Brown Shoe Company Incorporated. (See Roblee, Robert A., assignor.)
Brown, Silas O., Sulphur Springs, Tex. Cotton-chopper attachment for cultivators. 1,456,359; May 22.
Brown, Sol, assignor to Dunbar Molasses & Syrup Co., New Orleans, La. Sirup can. 1,457,614; June 5.
Brown, Sophie. (See Brown, Ole and S.)
Brown, Spencer K., Syracuse, N. Y. Socket-wrench head. 1,442,123; Jan. 16.
Brown, Spencer K., Syracuse, N. Y. Surface-finishing machine. 1,475,681; Nov. 27.
Brown, Sylvanus W. (See Smith, M. A., and Brown.)
Brown, Theodore P., assignor to Simplex Player Action Company, Worcester, Mass. Automatic musical instrument. 1,452,491; Apr. 24.
Brown, Theophilus, assignor to Deere and Company, Moline, Ill. Tractor. 1,441,480; Jan. 9.
Brown, Theophilus, assignor to Deere and Company, Moline, Ill. Motor cultivator. 1,451,672; Apr. 10.
Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Wheel. 1,467,999; Sept. 18.
Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Motor cultivator. 1,471,138; Oct. 16.
Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Motor cultivator. 1,476,687; Dec. 11.
Brown, Thomas. (See Rudall, R. J., Brown, and Williams.)
Brown, Thomas E., Chicago, Ill. Internal-combustion or gas engine. 1,474,954; Nov. 20.
Brown, Thomas E., New York, and T. E. Brown, jr., Yonkers, N. Y. Bascule bridge. 1,470,140; Oct. 9.
Brown, Thomas E., jr. (See Brown, Thomas E. and T. E., jr.)
Brown, Vernon, and J. H. Pengilly, Los Angeles, Calif. Relay. 1,478,547; Dec. 25.
Brown, Victor F. (See Powell, James F., assignor.)
Brown, Walter A., Los Angeles, Calif. Separating hydrocarbons from water. 1,472,384; Oct. 30.
Brown, Walter A., Los Angeles, Calif. Separating hydrocarbons from water. 1,472,385; Oct. 30.
Brown, Walter C., Nevada, Iowa. Filling means for gasoline tanks. 1,449,492; Mar. 27.
Brown, Walter H., Pasadena, Calif. Low-pressure alarm for pneumatic tires. 1,453,657; May 1.
Brown, Wilbur F., Charleston, W. Va., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Raw-material conveyer for feeding glass furnaces. 1,473,008; Nov. 6.
Brown, William, Annandale, New South Wales, Australia. Combustion engine. 1,467,998; Sept. 18.
Brown, William, assignor to L. A. Brown, St. Louis, Mo. Fan. 1,465,928; Aug. 28.
Brown, William A., Philadelphia, Pa. Heat-focusing device for combined electric lamps, heaters, and blowers. 1,457,873; June 5.

Brown, William A., Philadelphia, Pa. Counterbalancing and oscillating device for electric heaters and lamps. 1,457,874; June 5.
Brown, William, Company. (See Sullivan, James J., assignor.)
Brown, William F. (See Pedigo, Sanford I., assignor.)
Brown, William F., assignor of one-half to J. L. Lyons, Little Rock, Ark. Thrashing machine. 1,464,863; Aug. 14.
Brown, William H., Cleveland, Ohio. Vehicle spring shackle and means for lubricating same. 1,476,440; Dec. 4.
Brown, William H. A., assignor of one-half to H. G. Clark and one-half to J. H. Bentley, Chicago, Ill. Cleaning device. 1,474,994; Nov. 20.
Brown, William L., Wichita, Kans. Electrically-heated display cabinet. 1,458,127; June 12.
Brown, William P. (See Errett, T. A., and Brown.)
Brown, William T. S., East Point, Ga. Knockdown container. 1,468,340; Sept. 18.
Brown, William W., Schenectady, N. Y., assignor to General Electric Company. Electromagnetic switch. 1,466,268; Aug. 28.
Brown, Winton E. and C. T., Sacramento, Calif. Atomizer. 1,476,589; Dec. 4.
Browne, Alfred L., East Orange, N. J. Elastic-fluid-controlling device. 1,450,245; Apr. 3.
Browne, Anna H., executrix. (See Browne, Arthur B.)
Browne, Arthur B., deceased, Detroit, Mich.; A. H. Browne, executrix. Friction clutch. 1,461,573; July 10.
Browne, Arthur B., deceased, Hartford, Conn.; A. H. Browne, executrix. Friction clutch. 1,472,114; Oct. 30.
Browne, Frank A., Wayne, assignor to The Barber Asphalt Company, Philadelphia, Pa. Mixing apparatus. 1,466,638; Aug. 28.
Browne, Frank A., Wayne, assignor to The Barber Asphalt Company, Philadelphia, Pa. Mixing apparatus. 1,466,639; Aug. 28.
Browne, Harry T., and F. L. Diard, assignors of one-third to W. J. Potter, Mobile, Ala. Film protector. 1,446,691; Feb. 27.
Browne, John T., and W. Black, Hamilton, New Zealand. Means for use in the molding of concrete building blocks. 1,474,813; Nov. 20.
Browne, Mayotta, San Francisco, Calif. Doll. Des. 61,959; Feb. 20.
Browne, Norton, Chelan, Wash. Automobile signal. 1,453,911; May 1.
Browne, Ralph C., Salem, Mass. Electrical relay. 1,474,344; Nov. 20.
Brownell, Charles O., assignor to Battle Creek Bread Wrapping Machine Co., Battle Creek, Mich. Wrapping machine. 1,468,626; Sept. 25.
Brownell, Leigh E., St. Paul, Minn., assignor, by mesne assignments, to Brownell Wildfire Battery Co. Inc. Composition of matter. 1,468,957; Sept. 25.
Brownell Wildfire Battery Co. (See Brownell, Leigh E., assignor.)
Browning, Fletcher W., Kingsport, Tenn. Abrading machine. 1,453,742; May 1.
Browning, George. (See Jacoby, Vennie, assignor.)
Browning, George, assignor to Lee Razor Manufacturing Company, Chicago, Ill. Safety-razor case. 1,445,868; Feb. 20.
Browning, George M., New York, N. Y. Toothpick and making same. 1,462,062; July 17.
Browning, John M., Ogden, Utah. Rear sight for firearms. 1,455,071; May 15.
Browning, John M., Ogden, Utah. Firearm. 1,457,961; June 5.
Browning, John M., Ogden, Utah. Firearm. 1,464,864; Aug. 14.
Brownlee, Roy H., and R. H. Uhlinger, Pittsburgh, Pa. Special carbon black. 1,478,730; Dec. 25.
Broxton, George, Pittsburgh, Pa. Socket wrench. 1,456,358; May 22.
Broyles, William O., Birmingham, Ala. Shock-absorbing bed. 1,444,726; Feb. 6.
Brozyk, George J., Orleans, N. Y. Auto direction signal. 1,442,644; Jan. 16.
Brubacker, Howard C., Rodney, Ontario, Canada. Inside pocket iron. 1,451,813; Apr. 17.
Brubaker, John H., Grand Rapids, Mich. Device employed in finishing and retouching photographic negatives and the like. 1,466,038; Aug. 28.
Brubaker, William A., assignor to The Lyon Rubber Co., Incorporated, Akron, Ohio. Automobile tire. Des. 62,532; June 19.
Brubaker, William L., Enola, Pa. Multiple tapping machine. 1,465,112; Aug. 14.
Bruce, Edwin L., jr., Little Rock, Ark. Bundle protector. 1,445,932; Feb. 20.
Bruce, James L. (See Worcester, S. A., Bruce, and Farnham.)
Bruce Macbeth Engine Company, The. (See Simler, James B., assignor.)
Bruce, Murray L., Milan, Ind. Transmission band. 1,473,009; Nov. 6.
Bruce, Olof L., Minneapolis, Minn. Manicuring device. 1,464,642; Aug. 14.
Bruce, William H., Lansdowne, Pa. Syringe. 1,450,016; Mar. 27.
Bruce, William J., New York, N. Y. Food product and manufacturing. 1,443,458; Jan. 30.
Bruce, William J., Escanaba, Mich. Demountable rim for automobile wheels. 1,478,633; Dec. 25.
Bruce, William J. W., Cheshire, England. Drain trap. 1,453,743; May 1.
Bruch, Clement A., Warrensburg, Mo. Emblem holder. 1,467,834; Sept. 11.
Bruchey, John H., Baltimore, Md. Machine for counting pills and the like. 1,448,826; Mar. 20.
Bruchhauser, Charles H. (See Hileman, Willis W., assignor.)
Bruchsaler, Karl. (See Blake, Edward M., assignor.)
Brucker, Ferdinand F., Akron, Ohio, assignor to The Miller Rubber Company. Tire-building apparatus. 1,443,939; Jan. 30.
Bruckner, Albert, Etna, Pa. Apparatus for making cement blocks. 1,448,911; Mar. 20.
Bruckner, Charles C., Jersey City, N. J., assignor to Bruckner Mfg. Co., Inc. Engraving machine. 1,462,682; July 24.
Bruckner Mfg. Co. (See Bruckner, Charles C., assignor.)
Brude, Aimé, Lyon, France. Machine for the manufacture of gimp threads. 1,445,199; Feb. 13.
Bruder, Albert A., Holly, Mich. Furnace or stove. 1,453,544; May 1.
Bruder, Edmund, Chicago, assignor to J. Glos, Elmhurst, Ill. Game apparatus. 1,474,618; Nov. 20.
Bruecker, John, Fort Wayne, Ind. Headlight. 1,448,025; Mar. 13.
Brueckner, Julius R., assignor to Gibb Instrument Company, Detroit, Mich. Alternating-current transformer. 1,470,214; Oct. 9.
Brueggeman, Albert L., Newark, N. J. Steam boiler. 1,472,045; Oct. 30.
Bruewer, Harry, assignor to The Corcoran Manufacturing Company, Norwood, Ohio. Automobile fender package. 1,441,264; Jan. 9.
Bruhn, Christian N., Cedar Falls, Iowa. Egg crate. 1,470,215; Oct. 9.
Bruhn, Gustav A., Harburg-on-the-Elbe, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Automatic weighing apparatus for loose materials. 1,451,759; Apr. 17.
Bruhn, J. H. (See Eisbach, Aloysius A., assignor.)
Bruine, Maurice R. J., New York, N. Y., assignor to Faurot-Scope Corporation. Motor-vehicle signal. Des. 62,390; May 22.
Brulotte, Leonidas J., Toronto, Ontario, Canada. Pulley. 1,471,097; Oct. 16.
Brumfield, Thomas R., assignor of one-third to E. M. Graff and one-third to E. L. Walton, Danville, Va. Tobacco container. 1,477,105; Dec. 11.
Brummel, A. O. (See Wittig, Harry F., assignor.)
Brummel, Henry E., Boonville, Mo. Closure-operating means. 1,444,105; Feb. 6.
Brummer, Harold M., New York, N. Y. Garment-securing strap. 1,464,126; Aug. 7.
Brump, Herbert L., assignor to The Dayton Fan & Motor Company, Dayton, Ohio. Short-circuiting device. 1,458,682; June 12.
Brundage, James W., Akron, Ohio. Bath-cap-reenforcing machine. 1,458,801; June 12.
Brundage, James W., assignor to The Miller Rubber Company, Akron, Ohio. Fringe-cutting machine. 1,448,723; Mar. 20.
Brundage, James W., assignor to The Miller Rubber Co., Akron, Ohio. Selvage-edge-cutting machine. 1,472,547; Oct. 30.
Brundige, Edward, Chicago, Ill. Vehicle spring. 1,453,061; Apr. 24.
Brunell, Homer A. (See Burtnett, Everett R., assignor.)
Brunell, William J., Detroit, Mich. Skate sharpener. 1,466,785; Sept. 4.
Brunelli, Domenico, Philadelphia, Pa. Acoustic cabinet. Des. 63,071; Oct. 2.
Brunelli, James, Brooklyn, N. Y. Cloth pressing and steaming device. 1,453,433; May 1.
Bruner, Herbert A. (See Coover, G. B., and Bruner.)
Bruner, Louis N., New York, and S. D. Olsen, Brooklyn, N. Y. Glass-tube spinning and drawing apparatus. 1,458,518; June 12.
Bruner, Reuben G., Windsor, Ontario, Canada. Weeder. 1,459,139; June 19.
Bruner, Reuben G., Windsor, Ontario, Canada. Wheel. 1,461,475; July 10.
Brunet, Maurice, assignor to Maison Detilleux, Société Anonyme, Liege, Belgium. Governor for steam engines. 1,455,568; May 15.
Brunett, Dewitt A., Minneapolis, Minn. Hot-air furnace. 1,444,163; Feb. 6.
Brunhoeber, George H., assignor of one-half to J. Fletcher, Ponca City, Okla. Water trap. 1,471,941; Oct. 23.
Brunhoff, Edward, Cincinnati, Ohio. Display and advertising apparatus. 1,464,597; Aug. 14.
Bruninga, John H., assignor, by mesne assignments, to Spyroseal Manufacturing Company, St. Louis, Mo. Making piston rings. 1,450,200; Apr. 3.
Bruninga, John H., assignor to Standard Heel & Counter Co., St. Louis, Mo. Floor mat. 1,464,026; Aug. 7.

Brunk, Oscar E. W., assignor to J. J. Marx, St. Louis, Mo. Pad for pressing machines. 1,452,726; Apr. 24.
Brunka, Herman, Marion, Ind. Flush valve. 1,466,946; Sept. 4.
Brunka, Oscar, Fort Wayne, Ind. Rug reenforcement. 1,457,921; June 5.
Brunken, Henry, Brooklyn, N. Y. Cutting machine. 1,465,113; Aug. 14.
Brunker, George N., Pocatello, Idaho. Movable headlight. 1,447,120; Feb. 27.
Brunner, Albert H., Marion, Ill. Cooking utensil. 1,472,205; Oct. 30.
Brunner, Harold E., Larchmont, N. Y. Manufacturing antifriction bearing rings. 1,451,531; Apr. 10.
Brunner, Harold E., Larchmont, N. Y., assignor to The Hess-Bright Manufacturing Company. Antifriction bearing. 1,448,189; Mar. 13.
Brunner, Harold E., Larchmont, N. Y., assignor to The Hess-Bright Manufacturing Company. Spinning spindle. 1,452,180; Apr. 17.
Brunner, Harold E., Larchmont, N. Y., and W. Jetter, Collingswood, N. J., assignors to The Hess-Bright Manufacturing Company. Journal bearing. 1,468,134; Sept. 18.
Brunner, Herbert R., assignor, by mesne assignments, to Van Kannel Revolving Door Company, New York, N. Y. Air-preheating device for furnaces. 1,478,731; Dec. 25.
Brunner, Herbert R., assignor, by mesne assignments, to Van Kannel Revolving Door Company, New York, N. Y. Air-preheating device for furnaces and the like. 1,478,732; Dec. 25.
Bruno, Joseph N., Chicago, Ill. Coin-deposit receptacle. 1,454,919; May 15.
Brunswick-Balke-Collender Company, The. (See Bishop, Joseph W., assignor.)
Brunswick-Balke-Collender Company, The. (See Davenport, H. P., and Whelan, assignors.)
Brunswick-Balke-Collender Company, The. (See Hine, Cicero, assignor.)
Brunswick-Balke-Collender Company, The. (See Matteson, Jesse O., assignor.)
Brunswick-Balke-Collender Company, The. (See Miller, Charles P., assignor.)
Brunswick-Balke-Collender Company. (See Miller, John O., assignor.)
Brunswick-Balke-Collender Company, The. (See Nystrom, Martin, assignor.)
Brunswick-Balke-Collender, The. (See Redfield, Howard A., assignor.)
Brunswick, Edmond L. (See Christensen, H., and Brunswick.)
Brunswick-Kroeschell Company. (See Whitaker, Richard, assignor.)
Brunzel, Eugene A., Brooklyn, N. Y. Trousers. 1,465,415; Aug. 21.
Brusa, Silvio, Milan, Italy. Pressure-casting apparatus. 1,444,828; Feb. 13.
Brush, Alanson P., Detroit, Mich. Manifold for multicylinder internal-combustion engines. 1,443,944; Feb. 6.
Brush, Alanson P., Detroit, Mich. Lubricating system. 1,466,445; Aug. 28.
Brush, Alanson P., Detroit, Mich. Crank shaft and balancing the same. 1,466,446; Aug. 28.
Brush, Alanson P., Detroit, Mich. Steering-wheel brake. 1,470,803; Oct. 16.
Brush, Alanson P., Detroit, Mich. Internal-combustion engine. 1,472,426; Oct. 30.
Brush, Alanson P., Detroit, Mich. Transmission mechanism for automobiles. Re15,738; Dec. 25.
Brush, Alanson P., and O. M. Nacker, Detroit Mich. Differential gearing. 1,446,545; Feb. 27.
Brush, Bert H. (See Jones, M. W., and Brush.)
Brush, Mittie T., Dublin, N. H. Reenforced fabric for aircraft. 1,442,323; Jan. 16.
Brust, Charles A., jr., El Dorado, Ark. Well fishing tool. 1,474,232; Nov. 13.
Brust, Joseph F., Brooklyn, N. Y. Adjustable water-discharge device. 1,467,133; Sept. 4.
Brutnell, Brightie E., executrix. (See Keating, Robert M.)
Bruyère, Joanny G. (See Proton, C. A., and Bruyère.)
Bryan, Artis C., Syracuse, N. Y. Lever lock. 1,469,406; Oct. 2.
Bryan, Eugene C., Kissimmee, Fla. Fruit container. 1,445,479; Feb. 13.
Bryan, Eugene C., Kissimmee, Fla. Fruit container. 1,445,480; Feb. 13.
Bryan, Eugene C., and P. J. Sones, Haines City, Fla. Screw-holding device for automobile drive casings. 1,474,233; Nov. 13.
Bryan, George A., Peru, Ind., assignor to Bryan Harvester Company. Liquid-fuel burner. 1,462,261; July 17.
Bryan Harvester Company. (See Bryan, George A., assignor.)
Bryan, John H., Moline, Kans. Tractor clutch control. 1,477,422; Dec. 11.
Bryan, Joseph T., assignor of one-half to L. W. Culver, Seaford, Del. Device for blowing out oil pipes. 1,477,239; Dec. 11.
Bryan, William G., Sydney, assignor to T. S. Gurr, P. B. Sheather, Mosman, near Sydney, and C. R. Sweetman, Randwick, near Sydney, New South Wales, Australia. Hub brake for motor vehicles. 1,453,126; Apr. 24.
Bryant, Clarence R., Chicago, Ill. Wrench. 1,466,947; Sept. 4.
Bryant, Clarence R., Chicago, Ill. Ratchet wrench. 1,466,948; Sept. 4.
Bryant, Claude H., and R. A. Osborn, Lincoln, Me. Caster. 1,445,747; Feb. 20.
Bryant Electric Company, The. (See Goodridge, Gilbert W., assignor.)
Bryant Electric Company. (See Skoda, Frank J., assignor.)
Bryant Electric Company, The. (See Stendahl, Ludwig, assignor.)
Bryant Electric Company, The. (See Thomas, George B., assignor.)
Bryant, Ellsworth S. (See Berry, Henry J., assignor.)
Bryant, Elmer J., assignor to The Taft Peirce Manufacturing Company, Woonsocket, R. I. Adjustable limit gauge. 1,448,356; Mar. 13.
Bryant, Frederic J., New York, N. Y. Ladder. 1,474,760; Nov. 20.
Bryant, Frank J., West Brookfield, Mass. Movable hoisting device. 1,454,881; May 15.
Bryant, George W., New York, N. Y. Window-cleaner's life net. 1,461,648; July 10.
Bryant, James E. (See Murray, Edward W., assignor.)
Bryant, John H., Danbury, Conn. Lawn sweeper. 1,448,385; Mar. 13.
Bryant, John P., Chicago, Ill. Eyelet tack. 1,462,262; July 17.
Bryant, Ralph. (See Richardson, Wilber D., assignor.)
Bryant, Robert B., Gaffney, S. C. Pin or badge. Des. 62,472; June 12.
Bryant, Stanley C., Chicago, Ill. Electric-circuit controller. 1,453,089; Apr. 24.
Bryant, William A. (See Whaler, H. T., and Bryant.)
Bryce Brothers Company. (See McCracken, B., and Pirott, assignors.)
Bryce, James W., Binghamton, N. Y., assignor to The International Time Recording Company of New York. Indicating mechanism for time recorders. 1,447,293; Mar. 6.
Bryce, James W., Binghamton, N. Y., assignor, by mesne assignments, to Dayton Scale Company, Dayton, Ohio. Weighing scale. 1,469,987; Oct. 9.
Bryce, James W., Bloomfield, and W. P. Anderson, Bogota, N. J., assignors to International Time Recording Company, Endicott, N. Y. Recorder. 1,469,988; Oct. 9.
Bryden, John A., assignor of one-third to U. R. McCutchen and one-third to J. A. Hall, Springfield, Ill. Liquid-dispensing apparatus. 1,469,617; Oct. 2.
Bryden-Neverslip Company. (See Paff, John, assignor.)
Bryden-Neverslip Company. (See Whitaker, R., jr., and Snyder, assignors.)
Brydone-Jack, Katherine S., Glacier, British Columbia, Canada. Doll. 1,442,248; Jan. 16.
Bryen, George J., Duquesne, Pa. Rolling-mill ragging mechanism. 1,463,036; July 24.
Bryner, Harry C., et al. (See Whitcomb, James, assignor.)
Brynoldt, Christian, Pittsburgh, Pa., assignor to Blaw-Knox Company. Method of and apparatus for constructing tunnels and the like. 7,450,577; Apr. 3.
Brynteson, Alfred, St. Paul, Minn. Piston. 1,466,786; Sept. 4.
Bryson, Charles W., assignor to H. L. Wadsworth, Cleveland, Ohio. Sand-mixing device. 1,469,886; Oct. 9.
Bryson, Walter D., Ridley Park, Pa., assignor to Fibre Container Company. Folding box. 1,470,141; Oct. 9.
Bryson, Walter S., et al. (See Dungan, John E., assignor.)
Brzozowski, Edward. (See Plochocki, Anthony, assignor.)
Brzykcy, Antoni, Minneapolis, Minn. Windmill. 1,455,862; May 22.
Bubb, Albert C., Baltimore, Md. Coupling device. 1,465,804; Aug. 21.
Bubb, Lewis W., St. Louis, assignor to J. M. Williams, Webster Groves, Mo. Gas burner. 1,467,472; Sept. 11.
Buc, Hyym E. (See Johns, C. O., and Buc.)
Buc, Hyym E., Roselle, N. J., assignor, by mesne assignments, to Standard Development Company. Purification of isopropyl ether. 1,442,520; Jan. 16.
Buc, Hyym E., Roselle, N. J., assignor, by mesne assignments, to Standard Development Company. Dehydration of alcohol. 1,455,072; May 15.
Buch, Paul H., and H. M. Groff, Trenton, N. J. Refrigerating apparatus. 1,471,098; Oct. 16.
Buchan, Hugh G. (See Dawson, James C., assignor.)
Buchan, Hugh G., Newark, N. J. Spring binder. 1,443,522; Jan. 30.
Buchan, Hugh G., St. Louis, Mo. Fastening headed articles in place. 1,443,523; Jan. 30.
Buchanan, James L. (See Sauzedde, C., and Buchanan.)
Buchanan, Judson, Chattanooga, Tenn., assignor, by mesne assignments, to International Harvester Company, Chicago, Ill. Apparatus for making chilled castings. 1,477,423; Dec. 11.
Buchanan, Stephen L., and F. J. Lytton, Coeburn, Va. Jack prop. 1,457,145; May 29.

Buchenau, John C., De Witt, N. Y. Adjustable form tie and spacer. 1,451,457; Apr. 10.
Buchenberg, Alvin E., Toledo, Ohio. Starting and ignition system for internal-combustion engines. 1,440,528; Jan. 2.
Buchenberg, Alvin E., Toledo, Ohio. Generator. 1,475,918; Nov. 27.
Buchenberg, Alvin E., assignor to Electric Auto-Lite Corporation, Toledo, Ohio. Battery terminal. 1,458,901; June 12.
Buchenberg, Alvin E., assignor to Industrial Research Corporation, Toledo, Ohio. Engine starter. 1,459,358; June 19.
Bucher & Gibbs Plow Company. (See Ringle, H. G., and Stewart, assignors.)
Bucher, John W., Denver, Colo. Filters. 1,465,156; Aug. 14.
Bucher, William W., Chicago, Ill., assignor, by mesne assignments, to Kohler Company, Kohler, Wis. Automatic electric-lighting unit. 1,448,190; Mar. 13.
Bucher, William W., Chicago, Ill., assignor, by mesne assignments, to Kohler Company, Kohler, Wis. Automatic power-unit control. 1,450,793; Apr. 3.
Buchholz, John P. (See Kurrus, Joseph A., assignor.)
Buchholz, Otto. (See Keller, G. J., and Buchholz.)
Büchi, Alfred. Winterthur, Switzerland. Two-stroke-cycle internal-combustion engine and scavenging and charging process thereof. 1,477,994; Dec. 18.
Buchi, Robert, Chicago, Ill. Apple slicer. 1,466,114; Aug. 28.
Buchli, Jacob, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Electrode steam boiler. 1,466,013; Aug. 28.
Buchman, Vernon L., Trenton, N. J. Resilient tire. 1,458,267 · June 12.
Buchmann, Jacob L., Erie, Pa. Lubricator for air compressors. 1,476,390; Dec. 4.
Buchner, Louis B., Caldwell, N. J., Convertible baby crib and seat for automobiles. 1,451,532; Apr. 10.
Buchsbaum, Samuel, Chicago, Ill. One-piece cuff button. 1,444,023; Feb. 6.
Buchwitz, William, Brooklyn, assignor to Golding Bros. Company, New York, N. Y. Fabric. Des. 61,888; Feb. 6.
Buchwitz, William, Brooklyn, assignor to Golding Bros. Company, New York, N. Y. Fabric. Des. 62,054; Mar. 13.
Buck, Albert H. (See Brooks, T. O., and Buck.)
Buck, Arthur W., St. Louis, Mo. Means for causing registration of röntgenographs. 1,445,290; Feb. 13.
Buck, Arthur W., St. Louis, Mo. Dental film mount. 1,454,152; May 8.
Buck, Arthur W., St. Louis, Mo. Apparatus for reducing secondary radiation from Röntgen rays. 1,465,340; Aug. 21.
Buck, Charles, Germantown, Pa. Spark-plug wrench. 1,465,929; Aug. 28.
Buck, Charles P., Topeka, Kans. Sheet-metal-bending machine. 1,463,383; July 31.
Buck, Clarence M. (See Flick, H., and Buck.)
Buck, Claude W., La Crosse, Ind. Speed-controlling valves. 1,449,583; Mar. 27.
Buck, Edward, Middleton Junction, England. Apparatus for pressing cop and like tubes upon spindles. 1,460,310; June 26.
Buck, Fred, assignor to The Lufkin Rule Company, Saginaw, Mich. Joint for folding rules. 1,455,042; May 15.
Buck, Fred, assignor to The Lufkin Rule Company, Saginaw, Mich. Folding rule. 1,460,784; July 3.
Buck, Herman J., Ellwood City, Pa. Bread-cooling apparatus. 1,474,619; Nov. 20.
Buck, Herman J., assignor to Mathews Gravity Carrier Company, Ellwood City, Pa. Antifriction bearing for gravity carriers. 1,445,821; Feb. 20.
Buck, James L., Sherman, Tex. Carpenter's tool. 1,448,787; Mar. 20.
Buck, James W., New York, N. Y. Mechanical bird. 1,450,480; Apr. 3.
Buck, Porter A., et al. (See Jermin, Frank, assignor.)
Buck's Stove & Range Company. (See Templeton, Jones T., assignor.)
Buckbee, John C., Chicago, Ill. Shaking screen. 1,441,558; Jan. 9.
Buckeye Brass and Manufacturing Company, The. (See Selker, Harry, assignor.)
Buckeye Iron and Brass Works. (See Fulson, Charles H., assignor.)
Buckeye Iron & Brass Works. (See Sheppard, Orlando, jr., assignor.)
Buckeye Iron and Brass Works. (See Trace, Russell A., assignor.)
Buckeye Jack Manufacturing Company, The. (See Bates, Edmund C., assignor.)
Buckeye Traction Ditcher Company, The. (See Krupp, Leo A., assignor.)
Buckeye Tractor Ditcher Company, The. (See George, Charles L., assignor.)
Buckeye Twist Drill Company, The. (See Mulac, Anthony A., assignor.)
Buckham, George T. (See Dawson, A. T., and Buckham.)
Buckham, George T. (See Dawson, A. T., Buckham, and Haskell.)
Buckham, George T. (See Dawson, A. T., Buckham, and Larsson.)
Buckham, Henry B., assignor to The Allbright-Nell Company, Chicago, Ill. Machine far washing edible animal tissues. 1,475,929; Dec. 4.
Buckingham, Earle, Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Oil pump. 1,470,804; Oct. 16.
Buckingham, Harry W., et al., executors. (See Mathews, Thomas.)
Buckingham & Hecht. (See Wiel, Eli H., assignor.)
Buckingham, Jay A., Alta, Iowa. Corn picker. 1,472,407; Oct. 30.
Buckland, Joseph W., Montreal, Quebec, Canada. Automatic bell ringer. 1,461,177; July 10.
Buckler, Alice G., executrix. (See Buckler, Mary M.)
Buckler, Carl W., Lexington, Ky. Fireplace heater. 1,469,494; Oct. 2.
Buckler, Leon T., Philadelphia, assignor to G. B. Clay, Elkins Park, Pa. Drain-valve device for hydrants. 1,457,422; June 5.
Buckler, Mary M., deceased, Springfield, Mass.; A. G. Buckler, executrix. Eye for dolls. 1,445,481; Feb. 13.
Buckles, James H. (See Simpson, E. M., and Buckles.)
Buckley, Claude W., Memphis, Tenn. Urinal. 1,440,765; Jan. 2.
Buckley, Daniel P., assignor, by mesne assignments, to Simonds Saw and Steel Company, Fitchburg, Mass. Saw frame. 1,459,359; June 19.
Buckley, Harry and R., Louisville, Ky. Grinding machine. 1,451,647; Apr. 10.
Buckley, James W., Weatherford, Tex. Truss. 1,473,392; Nov. 6.
Buckley, John, Mattapan, Mass. Control mechanism. 1,460,785; July 3.
Buckley, Lorenzo C. (See Mason, A. G., and Buckley.)
Buckley, Lorenzo C., Lisbon, assignor to The R. Thomas & Sons Co., East Liverpool, Ohio. Apparatus for shaping insulators. 1,465,157; Aug. 14.
Buckley, McKim C., and H. Kendrick, Franklin, Pa. Fuel mixer. 1,453,912; May 1.
Buckley, Mary L., North Attleboro, Mass. Template and fabricating ornaments therewith. 1,442,124; Jan. 16.
Buckley, Mert T., Wichita, Kans. Ventilator. 1,457,298; June 5.
Buckley, Ray. (See Buckley, Harry and R.)
Buckley, Thomas A., Brooklyn, N. Y. Implement for cleaning teeth. 1,475,789; Nov. 27.
Buckley, Thomas F., Scranton, Pa. Spring-forming machine. 1,459,045; June 19.
Buckley, Warren B., Washington, D. C. Tire tread. Des. 62,114; Mar. 27.
Buckman, Harold W., assignor to Vance Engineering Company, Pittsburgh, Pa. Hydraulic valve mechanism. 1,445,127; Feb. 13.
Buckman, Henry H., Jacksonville, Fla., and G. A. Pritchard, New York, N. Y., assignors to Buckman & Pritchard, Inc., Jacksonville, Fla. Highly-refractory article and producing the same. 1,440,657; Jan. 2.
Buckman, Henry H., Jacksonville, Fla., and G. A. Pritchard, New York, N. Y., assignors to Buckman & Pritchard, Inc., Jacksonville, Fla. Highly-refractory article. 1,440,766; Jan. 2.
Buckman & Pritchard, Inc. (See Buchman, H. H., and Pritchard, assignors.)
Buckminster, Ira C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Cutting machine. 1,440,581; Jan. 2.
Buckminster, Ira C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Coating apparatus. 1,476,047; Dec. 4.
Bucknam, Worthy C. (See Buzzaird, R. B., and Bucknam.)
Bucknam, Worthy C., Jersey City, N. J., assignor, by mesne assignments, to Davis Automatic Equipment Corporation, New York, N. Y. Coin lock. 1,444,325; Feb. 6.
Buckner, William A., Fresno, Calif. Sprinkler head. 1,463,666; July 31.
Bucks, David H., La Fayette, Ohio. Safety chick box. 1,451,760; Apr. 17.
Buckwalter, Jacob S., Philadelphia, assignor of one-half to L. H. Shank, Paradise, Pa. Fruit-jar holder. 1,456,671; May 29.
Buckwalter, Jacob S., Philadelphia, assignor of one-half to L. H. Shank, Paradise, Pa. Jar-cap wrench. 1,474,067; Nov. 13.
Buckwalter, John S., Lancaster, Pa. Connecting-rod straightening and testing device. 1,477,688; Dec. 18.
Buckwalter, Leon G. (See Hutchinson, Morton C., assignor.)
Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. Making cages for bearings. 1,444,326; Feb. 6.
Bucky, Gustav, Berlin, Germany. Plate holder for taking Röntgen photographs. 1,449,970; Mar. 27.
Bucky, Gustav, Berlin, Germany, assignor to Wappler Electric Co., Inc. Grid for protecting Röntgen images against secondary rays. 1,476,048; Dec. 4.
Bucyrus Company. (See Bager, Svante R. W. M., assignor.)

Alphabetical list of patentees—Continued.

Bucyrus Company. (See Bager, S. R. W. M., Kaeser, and Lehman, assignors.)
Bucyrus Company. (See Bager, S. R. W. M., Lehman, and Ruhloff, assignors.)
Bucyrus Company. (See Ferris, Walter, assignor.)
Bucyrus Company. (See Ferris, W., and Bager, assignors.)
Budd, Edward G., and E. Ibach, assignors, by mesne assignments, to Budd Wheel Company, Philadelphia, Pa. Machine and method for rolling tapered disks. 1,442,601; Jan. 16.
Budd, Edward G., Manufacturing Company. (See Clay, William H., assignor.)
Budd, Edward G., Manufacturing Company. (See D'Ardenne, Walter H., assignor.)
Budd, Edward G., Manufacturing Company. (See Ledwinka, Joseph, assignor.)
Budd, Edward G., Manufacturing Company. (See Maise, Herman C., assignor.)
Budd, Edward G., Manufacturing Company. (See Meadowcroft, Joseph W., assignor.)
Budd, Edward G., Manufacturing Company. (See Valentine, William A., assignor.)
Budd, Frank P., Bonesteel, S. Dak. Shoe-polish container. 1,472,632; Oct. 30.
Budd, Lester E., Philadelphia, Pa. Furnace-door arch. 1,453,434; May 1.
Budd Wheel Company. (See Budd, E. G., and Ibach, assignors.)
Budd Wheel Company. (See Fine, Lewis, assignor.)
Budd Wheel Company. (See Ibach, Emil, assignor.)
Budd Wheel Company. (See Ledwinka, Joseph, assignor.)
Budd Wheel Company. (See Ragsdale, Earl J. W., assignor.)
Budil, Alfred, Berlin-Tempelhof, Germany. Air filter. 1,456,360; May 22.
Budjac, Vincent, et al. (See Stuchlik, John M., assignor.)
Budwell, Leigh. (See Warthen, H. J. and Budwell.)
Buedingen, Robert, Rochester, N. Y. Container. 1,468,000; Sept. 18.
Buedingen, Robert, Rochester, N. Y. Container cover. 1,469,618; Oct. 2.
Buedingen, Robert, Rochester, N. Y. Container. 1,472,582; Oct. 30.
Buehle, Erich. (See Hutchinson, E. C., and Buehle.)
Buehler, William F. A., Detroit, Mich. Outboard motor. 1,460,570; July 3.
Buell, Joseph W., deceased, Washington, D. C.; W. A. Buell, executrix. Combined automatic train signaling and control system. 1,442,853; Jan. 23.
Buell, Joseph W., deceased, Washington, D. C.; W. A. Buell, executrix, assignor to Buell Signal and Train Control Company, Incorporated. Dualistic cab signal and automatic train-control system. 1,478,101; Dec. 18.
Buell, Joseph W., deceased, Falls Church, Va.; W. A. Buell, executrix, assignor to Buell Signal and Train Control Company, Incorporated. Cab signal and automatic train-control system. 1,478,100; Dec. 18.
Buell Signal and Train Control Company. See Buell, Joseph W., assignor.)
Buell, Wanda A., executrix. (See Buell, Joseph W.)
Buell, William H., Bronxville, N. Y., assignor, by mesne assignments, to Conversion Products Corporation. Coating composition for metals and making same. 1,472,239; Oct. 30.
Buente, Charles F., Pittsburgh, Pa. Concrete-pipe machine. 1,453,269; May 1.
Buente, Charles F., Avalon, Pa. Service connection for concrete mains. 1,463,148; July 31.
Bueter, Joseph H., Fort Madison, Iowa. Shock absorber. 1,470,906; Oct. 16.
Buettner, Charles H., Cincinnati, Ohio. Method and apparatus for the fixation of nitrogen. 1,446,546; Feb. 27.
Buettner, Charles H., Cincinnati, Ohio. Method and apparatus for nitrogen fixation. 1,453,435; May 1.
Buffalo Apparatus Corporation. (See FitzGerald, Francis A. J., assignor.)
Buffalo Foundry & Machine Co. (See Engel, Godfrey, sr., assignor.)
Buffalo Foundry & Machine Company. (See Sleeper, Oliver S., assignor.)
Buffalo Refractory Corporation. (See Farish, William A., assignor.)
Buffalo Refractory Corporation. (See Ohman, John L., assignor.)
Buffalo Specialty Company. (See Cábana, Charles, assignor.)
Buffalo Specialty Company. (See Learman, Frank J., assignor.)
Buffalo-Springfield Roller Company, The. (See Aitken, Andrew W., assignor.)
Buffalo-Springfield Roller Company, The. (See Endter, Walter J., assignor.)
Buffington, Eliza, Madison, N. J. Combined picture book and puzzle. 1,460,700; July 3.
Bufford, George W., Buffalo, assignor to J. H. Williams & Co., Brooklyn, N. Y. Tool holder and tool. 1,458,802; June 12.
Bufford, George W., Buffalo, assignor to J. H. Williams & Co., Brooklyn, N. Y. Tool holder and tool. 1,458,973; June 19.
Bugatti, Ettore, Molsheim, France. Valve mechanism. 1,459,193; June 19.
Bugatti, Ettore, Molsheim, France. Apparatus for the insertion of screw studs. 1,463,497; July 31.
Bugbee, Edwin P., Vernon, N. Y. Suturing instrument. 1,449,087; Mar. 20.
Bugbee, Lucian W., assignor to Franklin Optical Company, Indianapolis, Ind. Making a fused bifocal. 1,450,711; Apr. 3.
Bugbee, Lucian W., assignor to Franklin Optical Company, Indianapolis, Ind. Making bifocal lenses. 1,451,490; Apr. 10.
Bugbee, Lucian W., assignor to Onepiece Bifocal Lens Company, Indianapolis, Ind. Lens-edging machine. 1,455,863; May 22.
Bugbee, Lucian W., assignor to American Optical Company, Southbridge, Mass. Trial frame. 1,457,494; June 5.
Bugbee, Lucian W., Indianapolis, Ind., assignor to American Optical Company, Southbridge, Mass. Grinding machine. 1,459,569; June 19.
Bugbee & Niles Company. (See King, Rufus, assignor.)
Buggie, Horace H., assignor to Dura Company, Toledo, Ohio. Runway for glass. 1,457,495; June 5.
Bugla, John, Saginaw, Mich. Stone-gathering machine. 1,454,668; May 8.
Bugler, Arthur V., and T. E. Delafons, assignors to Linotype and Machinery Limited, London, England. Sheet-delivery mechanism of printing machines. 1,466,949; Sept. 4.
Buhler, John J. V., Detroit, Mich. Rust-removing compound. 1,473,529; Nov. 6.
Buhr, Joseph F., Detroit, Mich. Multiple drill head. 1,449,164; Mar. 20.
Buhr, Joseph F., Detroit, Mich. Attachment for drilling machines. 1,475,982; Dec. 4.
Buhse, Maximilian E., Minneapolis, Minn. Apparatus for coating ice-cream cones. 1,467,835; Sept. 11.
Buhtz, Emil R., Seattle, Wash. Soap-dish attachment for laundry trays. 1,461,263; July 10.
Buikema, Menno R., Morrison, Ill. Corn plow shovel. 1,443,835; Jan. 30.
Bujger, Cyril, St. Paul, Minn. Rolling toy. 1,448,724; Mar. 20.
Büker, Fred H., Greenwood, Wis. Blasting tool. 1,442,645; Jan. 16.
Buker, Ray, Castlerock, Wash. Wrench. 1,443,002; Jan. 23.
Buker, Ray, Castlerock, Wash. Pliers. 1,459,612; June 19.
Bukolt, John J., Stevens Point, Wis. Framework for rear-end portions of children's vehicles. 1,444,655; Feb. 6.
Bukolt, John J., Stevens Point, Wis. Child's vehicle. 1,444,656; Feb. 6.
Bukovecz, Miguel, Mexico, Mexico. Belt fastener. 1,444,301; Feb. 6.
Bukow, Reinhold, Astoria, N. Y., assignor to Hardman, Peck & Co. Tracking device. 1,454,621; May 8.
Bulask, Francis J., assignor to The Pictures Development Co., Toledo, Ohio. Motion-picture-record-tinting apparatus. 1,476,670; Dec. 4.
Bulkeley, Claude A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Drier. 1,472,902; Nov. 6.
Bull, Arthur A., assignor to General Motors Corporation, Detroit, Mich. Fan pulley. 1,444,302; Feb. 6.
Bull, Arthur A., assignor to General Motors Corporation, Detroit, Mich. Cooling-liquid-pump mounting for internal-combustion engines. 1,461,711; July 10.
Bull, Arthur A., and R. C. Darnell, assignors to General Motors Corporation, Detroit, Mich. Engine-cylinder-sleeve sealing means. 1,473,139; Nov. 6.
Bull, Charles H., Gisborne, New Zealand. Protector covering for loose-leaf account and like books. 1,472,789; Nov. 6.
Bull, Clinton H., Columbus, Ohio. Test indicator. 1,445,482; Feb. 13.
Bull Dog Lock Washer Co., The. (See Wisch, Walter J., assignor.)
Bull, George E., Monessen, assignor to Pittsburgh Steel Company, Pittsburgh, Pa. Wire-hoop machine. 1,457,691; June 5.
Bull, George F. (See Baron, B., and Bull.)
Bull, George F., et al. (See Starkey, Ernest W., assignor.)
Bull, George F., assignor of one-half to Charles H. Pugh Limited, Birmingham, England. Lawn mower. 1,466,787; Sept. 4.
Bull, George F., and E. W. Starkey; said Starkey assignor of his right to Charles H. Pugh Limited, Birmingham, England. Power-driven lawn mower. 1,446,414; Feb. 20.
Bull, George L., Oakland, Calif. Valve-operating mechanism. 1,473,077; Nov. 6.
Bull, William F., New York, N. Y. Magazine crayon and lead holder. 1,468,001; Sept. 18.
Bullard, Charles M., Appleton, Wis. Method of and apparatus for treating liquids. 1,468,353; Sept. 18.
Bullard, Edward P., jr., assignor to The Bullard Machine Tool Co., Bridgeport, Conn. Indexing device. 1,455,282; May 15.
Bullard, Edward P., jr., assignor to The Bullard Machine Tool Company, Bridgeport, Conn. Electric-operating chucking device. 1,455,283; May 15.

Bullard, Edwin W., Whitneyville, Conn. Wedge. 1,445,822; Feb. 20.
Bullard, F. B. (See Hancock, Jesse E., assignor.)
Bullard, Frank C. (See Bullard, Otto W. and F. C.)
Bullard Machine Tool Co., The. (See Bullard, Edward P., jr., assignor.)
Bullard, Otto W. and F. C., Sheridan, Wyo. Formula for a confection. 1,445,200; Feb. 13.
Bullard, William P., Albany, Ga. Nut grader. 1,461,264; July 10.
Bullard, William P., Albany, Ga. Nut grader. 1,461,265; July 10.
Buller, Charles M., assignor to L. J. Mueller Furnace Company, Milwaukee, Wis. Adjustable head for pipes. 1,461,438; July 10.
Buller, Charles M., assignor to L. J. Mueller Furnace Company, Milwaukee, Wis. Adjustable boot for pipes. 1,462,482; July 24.
Buller, Charles M., assignor to L. J. Mueller Furnace Company, Milwaukee, Wis. Furnace-casing ring. 1,464,971; Aug. 14.
Buller, Oliver P., et al. (See Kimes, E. B., and Carson, assignors.)
Bullinger, Frederic H., Yonkers, N. Y., assignor to Ward Leonard Electric Company. Automatic controller. 1,470,907; Oct. 16.
Bullington, Frank A. (See Trew, A. S., and Bullington.)
Bullis, Franklin H., Brooklyn, N. Y. Wave turner. 1,460,844; July 3.
Bullis, Frederick J., Stillwater, Minn. Pushing apparatus. 1,441,963; Jan. 9.
Bullock, Charles A. H., London, England. Typesetting appliance. 1,457,423; June 5.
Bullock, Charles A. H., London, England, assignor of one-third to E. J. Waring, Plainfield, N. J., and one-third to W. E. Stratton, London, England. Appliance for teaching or practicing the game of golf. 1,459,705; June 19.
Bullock, Edmund R., assignor to Eastman Kodak Company, Rochester, N. Y. Self-toning photographic emulsion. 1,454,209; May 8.
Bullock, Hermon H., Walden, N. Y. Windshield shade. 1,455,475; May 15.
Bullock, Orin M., Oakland, Calif. Automatic feed box. 1,442,382; Jan. 16.
Bullock, Samuel A., assignor to Ally Company, Inc., New York, N. Y. Lubricating compound. 1,449,379; Mar. 27.
Bullock, Samuel M., Chicago, and H. S. Lloyd, Oak Park, Ill. Manufacturing abrasive disks. 1,458,322; June 12.
Bullock, Thomas R., Providence, R. I. Billiard-table cushion. 1,441,060; Jan. 2.
Bulman, William V., Philadelphia, Pa. Diestock. 1,460,786; July 3.
Bum, John. (See Latter, Charles, assignor.)
Bumbarger, Clarence R., assignor to George W. Johnson Manufacturing Company, Kansas City, Mo. Fire-door binder. 1,467,826; Sept. 11.
Bumbarger, Clarence R., assignor to George W. Johnson Manufacturing Company, Kansas City, Mo. Fire door. 1,474,345; Nov. 20.
Bumbaugh, Clyde C., assignor of three-elevenths to A. Diekman, two-elevenths to H. A. Plantz, one-eleventh to H. L. Gray, and one-eleventh to W. R. Davis, Canton, Ohio. Open-hearth furnace. 1,467,827; Sept. 11.
Bumgardner, Frank B., Fort Smith, Ark. Invalid bed. 1,453,970; May 1.
Bump, Sumner M., Susanville, Calif. Indicator for edging saws. 1,476,238; Dec. 4.
Bunch, Walter R., La Verne, assignor of one-half to A. G. Hamilton, Fontana, Calif. Brush-cutting machine. 1,457,424; June 5.
Bundy, Chalkley L., et al. (See Dungan, John E., assignor.)
Bundy, Harry W. (See Snell, Samuel A., assignor.)
Bundy, Harry W., Detroit, Mich. Making tubes. 1,465,755; Aug. 21.
Bundy, Harry W., Detroit, Mich. Manufacturing soldered tube. 1,475,258; Nov. 27.
Bundy, Harry W., Detroit, Mich. Machine for forming tubes. 1,476,796; Dec. 11.
Bünger, Anton M., Svendborg, Denmark. Axle for road vehicles. 1,475,745; Nov. 27.
Bunker, Carey E., Oregon, Mo. Umbrella rib and stretcher and attaching means therefor. 1,469,495; Oct. 2.
Bunker, Darius W. (See Bradford, C. M., and Bunker.)
Bunker, Darius W., Quincy, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Safety device. 1,477,537; Dec. 18.
Bunker, John W., and A. M. Boney, assignors to Service Bag Co. Inc., New York, N. Y. Fastening and handle for paper envelopes and receptacles. 1,454,952; May 15.
Bunker, John W., and A. M. Boney, assignors to Service Bag Co. Inc., New York, N. Y. Paper envelope or bag. 1,454,953; May 15.
Bunker, John W., and A. M. Boney, assignors to Service Bag Co. Inc., New York, N. Y. Envelope. 1,466,420; Aug. 28.
Bunker, Ward S., Waukesha, Wis. Shaving brush. 1,457,615; June 5.
Bunn, Orrice F., Bristol, Tenn. Life-saving garment. 1,452,411; Apr. 17.
Bunten, Claude L., Rawlins, Wyo. Parachute toy. 1,455,073; May 15.
Bunting, James H., Clifton, N. J., assignor to Susquehanna Silk Mills. Textile fabric. Des. 61,991; Feb. 27.
Bunting, James H., Clifton, N. J., assignor to Susquehanna Silk Mills. Textile fabric. Des. 61,992; Feb. 27.
Bunting, James H., Clifton, N. J., assignor to Susquehanna Silk Mills. Textile fabric. Des. 61,993; Feb. 27.
Bunting, James H., Clifton, N. J., assignor to Susquehanna Silk Mills. Textile fabric. Des. 61,994; Feb. 27.
Bunting, James H., Clifton, N. J., assignor to Susquehanna Silk Mills. Textile fabric. Des. 61,995; Feb. 27.
Bunting, James H., Clifton, N. J., assignor to Susquehanna Silk Mills. Textile fabric. Des. 61,996; Feb. 27.
Bunting, James H., Clifton, N. J., assignor to Susquehanna Silk Mills. Textile fabric. Des. 61,997; Feb. 27.
Bunting, James H., Clifton, N. J., assignor to Susquehanna Silk Mills. Textile fabric Des. 61,998; Feb. 27.
Bunting, James H., Clifton, N. J., assignor to Susquehanna Silk Mills. Textile fabric. Des. 61,999; Feb. 27.
Bunting, James H., Clifton, N. J., assignor to Susquehanna Silk Mills. Textile fabric. Des. 62,000; Feb. 27.
Bunting, James H., Clifton, N. J., assignor to Susquehanna Silk Mills. Textile fabric. Des. 62,001; Feb. 27.
Bunting, James H., Clifton, N. J., assignor to Susquehanna Silk Mills. Textile fabric. Des. 62,002; Feb. 27.
Bunting, James H., Clifton, N. J., assignor to Susquehanna Silk Mills. Textile fabric. Des. 62,316; May 8.
Bunting, James H., Clifton, N. J., assignor to Susquehanna Silk Mills, New York, N. Y. Textile fabric or similar article. Des. 62,391; May 22.
Bunting, James H., Clifton, N. J., assignor to Susquehanna Silk Mills, New York, N. Y. Textile fabric. Des. 63,450; Dec. 11.
Bunting, James H., Clifton, N. J., assignor to Susquehanna Silk Mills, New York, N. Y. Textile fabric. Des. 63,451; Dec. 11.
Bunting, James H., Clifton, N. J., assignor to Susquehanna Silk Mills, New York, N. Y. Textile fabric. Des. 63,452; Dec. 11.
Bunting, James H., assignor to Susquehanna Silk Mills, New York, N. Y. Textile fabric. Des. 62,440; June 5.
Bunts, James E., Pulaski, Va. Rim lug. 1,444,657; Feb. 6.
Bunyevácz, Viktor, Budapest, Hungary, assignor, by mesne assignments, of one-half to A. Roman, New York, N. Y. Snap switch. 1,444,581; Feb. 6.
Buob, Louis J., assignor to Buob & Scheu, Cincinnati, Ohio. Vehicle body. 1,467,305; Sept. 11.
Buob & Scheu. (See Buob, Louis J., assignor.)
Buquo, Charles F. (See Harbaugh, H. E., Buquo, and Spaeth.)
Burbank, Ralph, Memphis, Tenn. Clamp. 1,455,709; May 15.
Burbridge, Frank, Marston, near Northwich, England. Glare-preventing device for lamps. 1,461,749; July 17.
Burch, Frank J. (See Heigh, J. W., and Burch.)
Burch, George B., New York, N. Y., assignor to L. Stevens, Glen Ridge, N. J. Phonograph. 1,454,504; May 8.
Burch, Henry K., Los Angeles, Calif. Tailings cone. 1,468,374; Sept. 18.
Burch, Julius G. (See Leidecker, J. M., and Burch.)
Burch, Julius G., Bartlesville, Okla. Jar coupling for oil-well casings. 1,460,787; July 3.
Burch Plow Works Company, The. (See Fike, Joseph L., assignor.)
Burch, Richard A., et. al. (See Boatsman, Deark J., assignor.)
Burchess, Herman, New York, N. Y., assignor of one-half to H. Weingarten, Brooklyn, N. Y. Welt for suitcases or the like. 1,464,643; Aug. 14.
Burchett, George W. (See Muller, O., jr., and Burchett.)
Burchett, Leonard F., Edmonton, Alberta, Canada. Radiator. 1,442,125; Jan. 16.
Burchett, Roy, Seiling, Okla. Vacuum governor. 1,471,380; Oct. 23.
Burckhardt, Rodolphe W., Mulhouse, France. Means for insuring complete combustion of coal in heating boilers. 1,450,201; Apr. 3.
Burcsak, John, Cleveland, Ohio. Hinge for bookcases, etc. 1,466,039; Aug. 28.
Burden, Thomas, Warrnambool, Victoria, Australia. Correction of type in printers' galleys. 1,461,081; July 10.
Burdette, Richard S., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Registering thermostat. 1,469,552; Oct. 2.
Burdick, Arthur, Pittsfield, Mass. Fuel saver. 1,473,461; Nov. 6.
Burdick, Arthur G., New London, Conn. Cylinder-head guide stud and removing key. 1,453,913; May 1.
Burdick Cabinet Company. (See Anderson, Fritz A., assignor.)

Alphabetical list of patentees—Continued.

Burdick, Edward C. (See Veazey, W. R., and Burdick.)
Burdick, John S., Stratford, Conn. Adjustable seat. 1,444,024; Feb. 6.
Burdick, John S., Stratford, Conn. Curtain construction. 1,469,356; Oct. 2.
Burdick, John S., Stratford, Conn. Lock. 1,470,805; Oct. 16.
Burdick, Paul H., Geneva, Ill. Typewriting machine. 1,456,533; May 29.
Burdin, Adelbert E., Seattle, Wash. Pipe fitting. 1,444,727; Feb. 6.
Burditt, William F., jr. (See Jacobus, M. R., and Burditt.)
Burdwood, Howard A. (See Cunningham, C. S., and Burdwood.)
Bureau d'Organisation Économique. (See Toulon, Pierre M. G., assignor.)
Buresch, Edward G., assignor to Resistolite Appliance Co., Chicago, Ill. Ignition system. 1,469,582; Oct. 2.
Burford, Alfred W. (See Osborne, John H., and Burford.)
Burg, Carl M., E. Decker, and L. C. Le Duc, Midvale, Utah. Gauze and cloth winding machine. 1,464,349; Aug. 7.
Burgan, Thomas, Plains Parsons, Pa. Artificial arm. 1,464,842; Aug. 14.
Burger, Joseph. (See Evans, Sylvester, assignor.)
Burger, Martin. (See Wolf, J., and Burger.
Burger, Martin, assignor of one-half to G. E. Romano, Cleveland, Ohio. Pottery-forming machine. 1,469,378; Oct. 2.
Burger-Weber, Robert, Burg, Switzerland. Lamellar carriage spring. 1,466,950; Sept. 4.
Burgert, Fred and H., New York, N. Y. Attachment for hemstitching machines. 1,478,379; Dec. 25.
Burgert, Henry. (See Burgert, Fred and H.)
Burgess Battery Company. (See Schulte, Walter B., assignor.)
Burgess, C. F., Laboratories. (See Weiss, Howard F., assignor.)
Burgess, Frank D., assignor to Arcadia Trailer Corporation, Newark, N. Y. Draft gear for trailers. 1,475,425; Nov. 27.
Burgess, Harry A., assignor to Western Electric Company, Incorporated, New York, N. Y. Printing telegraphy. 1,456,534; May 29.
Burgess, Newton A., Pittsburgh, assignor to Verona Tool Works, Verona, Pa. Tongs. 1,465,892; Aug. 21.
Burgess, Norman T., Santa Ana, Calif. Control mechanism for motion picture projecting machines. 1,462,931; July 24.
Burgess, Norman W., Lexington, Va. Armor for gasoline tanks of aeroplanes and for other purposes. 1,463,498; July 31.
Burgess-Norton Manufacturing Company. (See Thompson, Herbert L., assignor.)
Burgess, Robert. (See Jones, Joseph H., assignor.)
Burgess, Robert, Newton Center, assignor of one-half to J. H. Jones, Winthrop, Mass. Cap-spinning frame. 1,445,291; Feb. 13.
Burgess, Sydney and W. J., Hamilton, Ontario, Canada. Shock absorber. 1,465,341; Aug. 21.
Burgess, Walter E., Rutherford, N. J., assignor to The Central Foundry Company, New York, N. Y. Sand ejector for flasks. 1,469,888; Oct. 9.
Burgess, Walter J. (See Burgess, Sydney and W. J.)
Burgess, Walter S. (See Voight, George F., assignor.)
Burgess, William E., assignor of one-fifth to G. F. Spence and two-fifths to A. Steinhardt, New Orleans, La. Electric water heater. 1,474,104; Nov. 13.
Burgett, Neal J., Detroit, Mich. Shingle. 1,473,275; Nov. 6.
Burghart, Thomas N., Philadelphia, Pa. Locking device for automobiles. 1,471,447; Oct. 23.
Burgher, John P., Long Beach, Calif. Centering and cementing device. 1,466,986; Sept. 4.
Burgin, Waldo W., Lodi, Calif. Check valve. 1,461,439; July 10.
Burgos, Juan A. X., Manila, P. I. Cushion tire. 1,458,926; June 19.
Burhen, Reinhart Jacob, assignor of one-half to W. P. Riester, St. Louis, Mo. Corner bracket and fastener for screen frames and the like. 1,441,559; Jan. 9.
Burhorn, Edwin, Hoboken, N. J. Cooling tower. 1,443,974; Feb. 6.
Burhorn, Edwin, Hoboken, N. J. Cooling tower. 1,449,936; Mar. 27.
Burkart, Harry J., St. Louis, Mo. Mattress tuft. 1,464,196; Aug. 7.
Burke, Albert C., La Crosse, Wis. Can opener. 1,452,287; Apr. 17.
Burke, Arthur D., Stillwater, Okla. Gelatin tester. 1,470,806; Oct. 16.
Burke, Clarence E., Syracuse, N. Y. Adjustable clamping device. 1,444,866; Feb. 13.
Burke Electric Company. (See Burke, James, assignor.)
Burke & James, Inc. (See Davis, Ernest W., assignor.)
Burke, James, Erie, Pa., assignor to Burke Electric Company. Electric generator. 1,442,854; Jan. 23.
Burke, James, Erie, Pa., assignor to Burke Electric Company. Dynamo frame and forming the same. 1,452,143; Apr. 17.
Burke, James, Erie, Pa., assignor to Burke Electric Company. Magnet frame. 1,456,120; May 22.
Burke, James M. (See Duke, Augustus C., assignor.)
Burke, John W., assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Marking tires. 1,445,745; Feb. 20.
Burke, Patrick, Philadelphia, Pa. Pocket guard. 1,442,602; Jan. 16.
Burke, Paul, Green Bay, Wis. Excavator. 1,474,314; Nov. 13.
Burke, Stephen R., San Francisco, Calif. Signal attachment for flash lights. 1,445,483; Feb. 13.
Burkett, Peter. (See Burkett, Thomas W., assignor.)
Burkett, Samuel E., Pitcairn, Pa. Pump. 1,444,728; Feb. 6.
Burkett, Thomas W., Falls Creek, assignor of one-half to P. Burkett, Mayport, Pa. Chain fastener. 1,474,141; Nov. 13.
Burkey, John L. (See Steeg, Frederick L., assignor.)
Burkhard, Charles, New York, N. Y. Storage-battery filler. 1,471,238; Oct. 16.
Burkhardt, Gustave, Chicago, Ill. Metal louver. 1,442,045; Jan. 16.
Burkholder, Abraham F., Toledo, Ohio. Paring knife. 1,445,746; Feb. 20.
Burkholder, John H., assignor to Elite Manufacturing Company, Ashland, Ohio. Pawl and ratchet jack. 1,461,694; July 10.
Burkholder, John H., assignor to Elite Manufacturing Company, Ashland, Ohio. Jack. 1,466,447; Aug. 28.
Burkle, William, Glendale, N. Y. Combination chain lock. 1,472,206; Oct. 30.
Burkley, Clem J. (See Carlton, B. B., and Burkley.)
Burkley, Joseph, Treadwell, N. Y. Lifting device. 1,459,194; June 19.
Burks, Arthur W., Decatur, Ill. Combined foot valve and strainer. 1,473,667; Nov. 13.
Burleigh, Arthur C., Wollaston, and A. C. Gowing, Braintree, Mass. Means for emptying washing machines. 1,463,248; July 31.
Burleigh, Earmon N., Pittsburgh, assignor of one-half to H. G. Frazier, Carnegie, Pa. Electric alarm clock. 1,469,887; Oct. 9.
Burleigh, J. A. (See Johnson, Joe, assignor.)
Burley, Harry B., and H. E. Rooney, Brookline, Mass., assignors to Boston Insulated Wire and Cable Company. Insulated electric wire. 1,458,803; June 12.
Burlingham, Lucious D., Hubbard, Ohio. Sealing device. 1,476,140; Dec. 4.
Burlison, Grover W., Grundy, Va. Rail spreader. 1,458,804; June 12.
Burman, Eduard. (See de Graaf, C., jr., and Burman.)
Burman, Olaf S., Minneapolis, Minn. Laundry-tub faucet. 1,443,726; Jan. 30.
Burman, Samuel S., Tiffin, Ohio. Valve puller. 1,474,234; Nov. 13.
Burn, Robinson S., Birmingham, England. Valve for pneumatic tires. 1,470,271; Oct. 9.
Burnay, Manoel De Ortigao. (See Roquette, José C. F., assignor.)
Burne, James C., West Chelmsford, Mass. Transmission-band material. 1,449,143; Mar. 20.
Burnell, Patrick H., Rock Springs, Wyo. Coal-loading machine. 1,449,088; Mar. 20.
Burnet, Carter B., South Norfolk, Va., assignor of one-half to W. W. Slaymaker, Philadelphia, Pa. Portable electric lantern. 1,471,682; Oct. 23.
Burnett, Charley, Washington Court House, Ohio. Farm gate. 1,440,445; Jan. 2.
Burnett, Frances H., et al., executors. (See Fahnestock, Ernest B.)
Burnett, Ira A., Chicago, Ill. Alloy and mercury dispenser. 1,462,954; July 24.
Burnett, Ira A., Chicago, Ill. Adjustable sanitary fountain-cup attachment for dental cuspidors. 1,476,356; Dec. 4.
Burnett, Ira A., Chicago, Ill. Dental mandrel. 1,476,357; Dec. 4.
Burnett-Larsh Manufacturing Company, The. (See Larsh, Everett P., assignor.)
Burnett, Mary E., McLean, Va. Guide for use in sewing. 1,448,827; Mar. 20.
Burnett, Myron A., et al. (See Monroe, Elmer L., assignor.)
Burnett, Richard W., Chicago, Ill. Hand brake for railway cars. 1,459,650; June 19.
Burnett, William H., Mound City, Mo. Pencil clip device. 1,466,203; Aug. 28.
Burnette, Algernon R. (See Smith, W. I., and Burnette.)
Burnham, Edward M., San Francisco, Calif. Holder for wheel locks. 1,453,436; May 1.
Burnham, Elbridge P., New York, N. Y. Automobile record holder. 1,442,855; Jan. 23.
Burnham, Fred T., Newton Center, Mass. Glass-washing machine. 1,458,028; June 5.
Burnham, George A., Saugus, assignor to S. B. Condit, jr., Brookline, Mass. Reverse-current responsive device. 1,444,366; Feb. 6.
Burnham, George A., Saugus, assignor to S. B. Condit, jr., Brookline, Mass. Electric switch. 1,446,828; Feb. 27.
Burnham, George A., Saugus, assignor to S. B. Condit, Brookline, Mass. Electric switch. 1,447,642; Mar. 6.

Burnham, George A., Saugus, assignor to S. B. Condit, jr., Brookline, Mass. Short-time-limit switch. 1,450,768; Apr. 3.

Burnham, George A., Saugus, assignor to S. B. Condit, Brookline, Mass. Electric switch. 1,461,695; July 10.

Burnham, George A., Saugus, assignor to S. B. Condit, Brookline, Mass. Electric switch. 1,476,141; Dec. 4.

Burnham, George B., Glendale, Calif. Recovering valuable components from a complex liquid phase. 1,476,873; Dec. 11.

Burnham, James L., Saco, Me. Hank register. 1,458,323; June 12.

Burnham, Joseph L., Schenectady, N. Y., assignor to General Electric Company. Dynamo-electric machine. 1,445,933; Feb. 20.

Burnham, Joseph L., Schenectady, N. Y., assignor to General Electric Company. Dynamo-electric machine. 1,456,092; May 22.

Burnham, Julia E., special administratrix. (See Burnham, William E.)

Burnham, Leland F., Fairport, N. Y., assignor to R. D. Nuttall Company. Trolley base. 1,473,809; Nov. 13.

Burnham, Locke H., Pittsfield, Mass., assignor to General Electric Company. Method and means for cooling electrical apparatus. 1,462,321; July 17.

Burnham, William E., deceased, Minneapolis, Minn.; J. E. Burnham, special administratrix. Rinsing holder for dishes. 1,453,437; May 1.

Burnley, Robert C., Hartsville, Tenn. Rat trap. 1,467,753; Sept. 11.

Burns, Benjamin F., assignor of one-third to J. W. Harbaugh, Kokomo, Ind. Shock absorber. 1,454,535; May 8.

Burns, Bradford W., et al. (See Diehl, George M., assignor.)

Burns, Charles E. (See Wickwire, J. W., and Burns.)

Burns, Fred T., Detroit, Mich., assignor of one-third to J. J. Burns, Race Track, and one-third to F. L. Fisher, Butte, Mont. Gradometer. 1,451,387; Apr. 10.

Burns, Helen S., East Dubuque, Ill. Nursery chair. 1,472,323; Oct. 30.

Burnes, Henry A., assignor to Shawmut Engineering Company, Boston, Mass. Tube frame. 1,469,175; Sept. 25.

Burns, Henry H., Battle Creek, Mich. Lifting jack. 1,458,324; June 12.

Burns, Henry N., Middletown, Ohio. Attachment for screen doors. 1,476,487; Dec. 4.

Burns, James A., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Grinding machine. 1,461,514; July 10.

Burns, James F., assignor to V. V. Fittings Company, Philadelphia, Pa. Switch interlock device. 1,443,867; Jan. 30.

Burns, James F., assignor to V. V. Fittings Company, Philadelphia, Pa. Quick-break switch. 1,467,527; Sept. 11.

Burns, Jay J., et al. (See Burns, Fred T., assignor.)

Burns, John E., Flushing, N. Y. Dental casting flask heater and instrument sterilizer. 1,476,324; Dec. 4.

Burns-Lindow, Isaac W., Selkirk, Scotland. Resilient wheel. 1,474,926; Nov. 20.

Burns, Martin F., Astoria, N. Y. Dental apparatus. 1,442,465; Jan. 16.

Burns, Martin F., Astoria, N. Y. Dental flask. 1,444,060; Feb. 6.

Burns, Martin F., Astoria, N. Y. Dental flask. 1,473,276; Nov. 6.

Burns, Martin F., Astoria, N. Y. Dental flask. 1,473,277; Nov. 6.

Burns, Martin F., Astoria, N. Y. Dental apparatus. 1,473,278; Nov. 6.

Burns, Robert M. (See Nordblad, Gunnar F., assignor.)

Burns, William C., Albany, Oreg. Cuboid-support shoe. 1,473,952; Nov. 13.

Burns, William C., Albany, Oreg. Cuboid-muscle developer. 1,476,590; Dec. 4.

Burns, William F., Memphis, Tenn. Automatic electric window guard. 1,472,864; Nov. 6.

Burns, William H., Chicago, Ill. Combination hair trimmer and safety razor. 1,477,689; Dec. 18.

Burns, William I., Parnell, Mo. Artificial leg. 1,440,816; Jan. 2.

Buro, Kamel K., Chicago, Ill. Calendar watch. 1,442,249; Jan. 16.

Burr, Arthur H., Omaha, Nebr. Radiator attachment. 1,469,916; Oct. 9.

Burr, Gordon A., J. R. McClain, Wilkinsburg, and L. E. Frost, Pittsburgh, Pa., assignors to Westinghouse Electric & Manufacturing Company. Alkali and heat resistant insulation. 1,448,386; Mar. 13.

Burrage, George B., et al., trustees. (See Stephenson, Leigh J., assignor.)

Burrell, D. H., & Co. (See Feldmeier, Harvey, assignor.)

Burrell, Edward P., Cleveland, and G. W. Drake, Cleveland Heights, assignors to The Warner and Swasey Company, Cleveland, Ohio. Turret-clamping mechanism for turret lathes. 1,446,829; Feb. 27.

Burrell, Ellis B., Baltimore, Md. Shoe-polish-applying brush. 1,451,322; Apr. 10.

Burrell, George A. (See Oberfell, G. G., and Burrell.)

Burrill, Harold G., Baltimore, Md. Agitator for mechanical stokers. 1,451,141; Apr. 10.

Burris, Charles W., Rapson, Colo. Portable switch for railways. 1,478,634; Dec. 25.

Burris, Charley A., Finley, Wash. Reserve gasoline valve. 1,444,582; Feb. 6.

Burris, Robert, Houston, Tex. Railway rail. 1,444,303; Feb. 6.

Burroughs Adding Machine Company. (See Muelle., Frederick O., assignor.)

Burroughs Adding Machine Company. (See Rinsche, Frank C., assignor.)

Burroughs, Charles F., East Orange, assignor to Composition Machinery Corporation, Newark, N. J. Heated mold for plastic material. 1,450,481; Apr. 3.

Burroughs, Charles F., East Orange, N. J., assignor, by mesne assignments, to The Columbia Graphophone Manufacturing Company, Bridgeport, Conn. Heating or cooling plate for molding presses. Re15,608; May 22.

Burroughs, Charles M. (See Sheldon, Herbert F., assignor.)

Burroughs, Charles W. (See Lindbom, E., and Burroughs.)

Burroughs, Charles W., Montreal, Quebec, Canada. Gripper. 1,471,448; Oct. 23.

Burroughs, George, Monessen, Pa. Case. 1,460,942; July 3.

Burroughs, Harry E., Boston, assignor to L. Beckwith, Everett, Mass. Hammock. 1,463,499; July 31.

Burroughs, Harry E., Boston, assignor to L. Beckwith, Everett, Mass. Hammock. 1,463,500; July 31.

Burroughs, William E., Brooklyn, N. Y. Hose coupling. 1,474,995; Nov. 20.

Burroughs, Zephineah, Watertown, S. Dak. Insect catcher. 1,447,375; Mar. 6.

Burrow, Frank V., Los Angeles, Calif. Merry-go-round steeplechase. 1,470,911; Oct. 16.

Burrow, George A. (See Burrow, James H. and G. A.)

Burrow, James H., and G. A., Spokane, Wash. Hydraulic transmission. 1,458,390; June 12.

Burrowes, E. T., Company, The. (See King, William J., assignor.)

Burrowes, E. T., Company, The. (See Seavey, Harry R., assignor.)

Burrows, Charles W., assignor of one-fourth to R. J. Wig, Washington, D. C. Method of and apparatus for testing magnetizable objects. 1,459,970; June 26.

Burrows, Edwin N., Highland Park, Mich. Receptacle. 1,466,084; Aug. 28.

Burrows, Ernest E., assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Scale beam. 1,463,249; July 31.

Burrows, Linus P., deceased, Erie, Pa.; L. B. Archer, executrix. Forgeable steel as an article of manufacture. 1,459,570; June 19.

Burrows, Robert J., assignor to Clark Equipment Company, Buchanan, Mich. Metal wheel. 1,461,515; July 10.

Burrows, Robert J., assignor to Clark Equipment Company, Buchanan, Mich. Wheel. 1,461,888; July 17.

Burrows, Robert J., assignor to Clark Equipment Company, Buchanan, Mich. Vehicle wheel. 1,461,889; July 17.

Burrows, Robert P., South Bend, Ind. Flashing fastening for concrete and other buildings. 1,452,412; Apr. 17.

Bursheim, Eilert J., Sperling, Manitoba, Canada. Tractor. 1,450,837; Apr. 3.

Burson Knitting Company. (See Andeisen, Viggo W., assignor.)

Burson Knitting Company. (See Hinchliff, Ralph, assignor.)

Burson Knitting Company. (See Parker, William S., assignor.)

Burson Knitting Company. (See Parker, W. S., and Jesperson, assignors.)

Burstall, William H. (See Dunn, W. L., Burstall, and Diedrich.)

Burstall, William H., assignor to Dunn Manufacturing Company, Oxnard, Calif. Well elevator. 1,446,830; Feb. 27.

Burt, Albert W., Cambridge, England. Handle for saucepans. 1,445,484; Feb. 13.

Burt, F. N., Company. (See Carle, Harold, assignor.)

Burt, F. N., Company. (See Holly, Carlos, assignor.)

Burt, F. N., Company. (See Palmer, Lyndon C., assignor.)

Burt, Franklin T., Omaha, Nebr. Rifle grenade. 1,463,993; Aug. 7.

Burt, George W., et al. (See Myers, Wilson R., assignor.)

Burt, Harry B., Youngstown, Ohio. Making frozen confections. 1,470,524; Oct. 9.

Burt, Harry B., Youngstown, Ohio. Apparatus for making frozen confections. 1,470,525; Oct. 9.

Burt, John, Narberth, Pa., assignor to William Sellers & Company, Incorporated, Philadelphia, Pa. Lathe. 1,466,467; Aug. 28.

Burt Machine Company. (See Wild, Charles H., assignor.)

Burt, Mary A., Brooklyn, and S. J. Stanley, New York, N. Y.; said Burt assignor to said Stanley. Thermometer rack. 1,474,891; Nov. 20.

Burt, William H., assignor to The Chase Companies Inc., Waterbury, Conn. Visible spark plug. 1,452,868; Apr. 24.

Burtis, Charles S., Brooklyn, N. Y. Hanging wall. 1,475,539; Nov. 27.

Burtis, William T., Glen Head, N. Y. Filter bed for sewage disposal. 1,454,723; May 8.

Burtnett, Charles A. (See Burtnett, Everett R., assignor.)

Burtnett, Everett R., Los Angeles, Calif. Internal-combustion engine. 1,475,426; Nov. 27.

Burtnett, Everett R., assignor to The Automotive Valves Co., Los Angeles, Calif. Internal-combustion engine. 1,443,911; Jan. 30.

Burtnett, Everett R., assignor to The Automotive Valves Co., Los Angeles, Calif. Piston-valve-reciprocating sleeve for manifold selections. 1,446,875; Feb. 27.

Burtnett, Everett R., assignor of one-half to H. A. Brunell, Los Angeles, Calif. Valve mechanism for internal-combustion engines. 1,472,548; Oct. 30.

Burtnett, Everett R., assignor of one-half to C. A. Burtnett, Los Angeles, Calif. Internal-combustion engine. 1,472,549; Oct. 30.

Burton, Charles S., Oak Park, Ill. Container for music rolls and the like. 1,447,960; Mar. 13.

Burton, Charles S., Oak Park, Ill. Container for music rolls and the like. 1,447,961; Mar. 13.

Burton, Charles S., Oak Park, Ill. Primer for internal-combustion engines. 1,453,270; May 1.

Burton, Charles S., Oak Park, Ill. Music-roll containher. 1,459,439; June 19.

Burton, Charles S., Oak Park, Ill. Detachable traction lug for tractor wheels. 1,473,398; Nov. 6.

Burton, Crawford, et al. (See Williams, Joseph G., assignor.)

Burton, Frank F., Mount Carmel, and A. A. Rowley, Whitneyville, assignors to Winchester Repeating Arms Co., New Haven, Conn. Bolt-action firearm. 1,449,650; Mar. 27.

Burton, Isaac F., Philadelphia, Pa., assignor to Victor Talking Machine Company. Supporting frame for talking-machine motors. 1,460,406; July 3.

Burton, James A., Brooklyn, N. Y. Lubricant. 1,462,799; July 24.

Burton, Jesse B., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Stop mechanism. 1,452,357; Apr. 17.

Burton, John W., Woodward, Iowa. Antiskid device for vehicles. 1,445,485; Feb. 13.

Burton, Leo R. H. (See Cook, V. E., and Burton.)

Burton Page Company, The. (See Shippert, Warren A., assignor.)

Burton Page Company, The. (See Trimand, Peter A., assignor.)

Burton, Roscoe C., Albany, N. Y. Changeable sign. 1,460,311; June 26.

Burton, Thomas J., Murphysboro, Ill. Cover for manholes and analogous devices. 1,458,391; June 12.

Burton, Thomas L. (See Ingersoll, H. L., and Burton.)

Burton, Warren D., Omaha, Nebr. Balloon windlass. 1,458,219; June 12.

Burton, William M., Chicago, and E. M. Clark, Alton, assignors to Standard Oil Company, Whiting, Ind. Treating petroleum oils. 1,448,254; Mar. 13.

Burtschel, Julius A. (See Humason, G. A., and Burtschel.)

Burtz, William E., Columbia, Pa. Mop head. 1,471,942; Oct. 23.

Burwell, Theodore C., Bayonne, N. J. Parcel carrier for vehicles. 1,445,292; Feb. 13.

Busard, Ingle B., assignor to The Libbey-Owens Sheet Glass Company, Charleston, W. Va. Sheet-glass drawing and delivering mechanism. 1,466,421; Aug. 28.

Busby, Junius E., Hazard, Ky. Track and curve gauge. 1,457,425; June 5.

Busby, Robert S., Jacksonville, Fla. Tilting and locking device for steering wheels. 1,457,722; June 5.

Busby, Robert S., assignor of one-half to A. D. Richardson and R. O. Birchy, Jacksonville, Fla. Tilting and locking device for steering wheels. 1,451,458; Apr. 10.

Busch, Augusto. (See Tommasi, C., Sandholm, Danneel, and Busch.)

Busch, Charles H. (See Gail, J. F., and Busch.)

Busch, Conrad J., Wyomissing, assignor to The Narrow Fabric Co., West Reading, Pa. Trimming for garments and similar articles. Des. 62,665; July 17.

Busch, Edward H., Chicago, assignor to Weber Costello Company, Cook County, Ill. Base for terrestrial and celestial globes and the like. Des. 62,543; June 19.

Busch, George A., and W. Schmidt, Louisville, Ky. Waistband for trousers. 1,468,799; Sept. 25.

Busch, Louis W., Toledo, Ohio. Fork. 1,456,913; May 29.

Busch, Louis W., Toledo, Ohio. Fork. 1,470,142; Oct. 9.

Busch-Sulzer Bros.-Diesel Engine Company. (See Kägi, Emil, assignor.)

Busch-Sulzer Bros.-Diesel Engine Co. (See Pfeffer, Oscar W., assignor.)

Busch-Sulzer Bros.-Diesel Engine Company. (See Schlatter, Rudolph, assignor.)

Buscher, Hermann, Langerfeld, near Barmen, Germany. Lace-braiding machine. 1,447,530; Mar. 6.

Buschke, Charles F., Milwaukee, Wis. Internal-combustion engine. 1,466,085; Aug. 28.

Buschmann, Theodor E., Chemnitz-Kappel, assignor to Wanderer-Werke vorm. Winklhofer & Jaenicke, Aktiengesellschaft, Schonau, near Chemnitz, Germany. Letter-width-spacing mechanism in typewriters. 1,472,825; Nov. 6.

Busenbark, William R., Akron, Ohio. Pneumatic tire. 1,452,787; Apr. 24.

Buser, Ernest E., Philadelphia, Pa. Hammer and damper springs for piano actions. 1,473,608; Nov. 13.

Bush, Burnett, Kennedy, N. Y., assignor of one-half to A. C. Keppler, South Bend, Ind. Direction indicator. 1,457,723; June 5.

Bush, Charles F., Philadelphia, Pa. Flying machine. 1,468,257; Sept. 18.

Bush Electric Company, The. (See Bush, Hazel B., assignor.)

Bush, Fred, Pressmen's Home, Tenn. Fender. 1,447,061; Feb. 27.

Bush, Grant A., San Diego, Calif. Running-time indicator for vehicles. 1,446,613; Feb. 27.

Bush, Hazel B., Bedford, Ohio, assignor to The Bush Electric Company, Cleveland, Ohio. Lineman's guard. 1,469,989; Oct. 9.

Bush, Hazel B., Redlands, Calif., assignor to The Bush Electric Company, Cleveland, Ohio. Hot-wire cutter. 1,476,049; Dec. 4.

Bush, Henry L., Hopkinton, and A. M. Hamblet, Salem, Mass. Memorandum tablet and holder. 1,462,683; July 24.

Bush, Vannevar, Chelsea, assignor to American Radio & Research Corporation, Medford, Mass. Radiotransmitter. 1,452,064; Apr. 17.

Bush, William P. (See Crooms, Louise J. P., assignor.)

Busha, Leon, Minneapolis, Minn. Strip shingle. 1,464,492; Aug. 14.

Busha, Leon, Minneapolis, Minn. Strip shingle. 1,464,493; Aug. 14.

Busha, Leon, Minneapolis, Minn. Strip shingle. 1,464,494; Aug. 14.

Bushnell, Alvah, Company. (See Landon, Herbert C., assignor.)

Bushnell, Charles L., Vacaville, Calif. Universal joint. 1,463,306; July 31.

Bushnell, Charles S., Sydney, New South Wales, Australia, assignor to General Railway Signal Company, Gates, N. Y. Automatic train-control system. 1,469,248; Oct. 2.

Bushnell, John B., Berkeley, assignor to Harris Electric Company, San Francisco, Calif. Electric-lighting system. 1,473,900; Nov. 13.

Busick, Richard H., Baltimore, Md. Piston-ring tester. 1,455,864; May 22.

Busker, John W., et al. (See Barnstable, Edward S., assignor.)

Buss, Albert. (See Hugoniot, Victor E., assignor.)

Bussac, Georges A., Paris, France. Steam generator. 1,450,838; Apr. 3.

Bussanich, John, Dockton, Wash. Milk-can perforator and protector. 1,468,438; Sept. 18.

Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Lubricated roller side bearing. 1,453,700; May 1.

Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Support for clasp brake beams. 1,461,516; July 10.

Bussey, Harry A. (See Aeschbach, W., and Bussey.)

Bussiere, Frank, Essexville, assignor to H. W. Garland, Bay City, Mich. Sewing machine. 1,467,473; Sept. 11.

Bussmann, Henry T., St. Louis, Mo. Cartridge fuse. 1,454,266; May 8.

Buswell, Henry L. F. (See Hammond, J. H., jr., and Buswell.)

Buswell, William L., Amarillo, Tex. Flying machine. 1,445,128; Feb. 13.

Buszin, Frank B. (See Diers, George H., assignor.)

Butchart, William A. (See Rork, C. E., and Sandberg, assignors.)

Butcher, Archie W. (See McCullough, E. D., and Butcher.)

Butcher, James M., Chicago, Ill. Alarm mechanism. 1,478,169; Dec. 18.

Butcher, Percy, Jacksonville, Fla. Piston. 1,478,887; Dec. 25.

Butcher, Wilfred H., Burwell, Nebr. Calculator. 1,459,279; June 19.

Butcher, William L., Bringhurst, assignor of one-half to W. M. Harmon, Cutler, Ind. Knockdown chicken coop. 1,455,105; May 15.

Buten, William C. (See Hay, Harry C., assignor.)

Buterbaugh, John H., Johnstown, Pa. Portable drill. 1,470,143; Oct. 9.

Butkovich, Anton E., Chicago, Ill. Soldering iron. 1,478,868; Dec. 25.

Butler, Alfred G., Valleyford, Wash. Roof flashing. 1,464,406; Aug. 7.

Butler, Arthur C., Boston, Mass. Drawing mechanism for slivers or rovings. 1,444,658; Feb. 6.

Butler, Arthur C., Boston, Mass. Drawing mechanism. 1,448,191; Mar. 13.

Butler, Arthur C., Boston, Mass. Drawing mechanism. 1,448,192; Mar. 13.

Butler, Arthur C., Boston, Mass. Mechanism for drawing or drafting fibrous material. 1,454,669; May 8.

Butler, Benjamin and W., Dukinfield, England. Stop-cock or valve. 1,471,825; Oct. 23.
Butler, Charles A., Okmulgee, Okla. Wrench for oil-well casings. 1,478,020; Dec. 18.
Butler, Charles H., and H. H. Jones, assignors to E. F. Houghton & Company, Philadelphia, Pa. Making packing rings. 1,472,744; Oct. 30.
Butler, Clyde G., Dayton, Ohio. Lubricating shackle bolt. 1,468,656; Sept. 25.
Butler, Ernest, Gerber, Calif. Clothes drier. 1,467,226; Sept. 4.
Butler, Frederick C. (See Rand, W. M., Brook, and Butler.)
Butler, George H. C. (See Reeves, Alfred, assignor.)
Butler, Harry J., Springfield, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Preserving uncured rubber. 1,444,061; Feb. 6.
Butler, Henry E., Schenectady, N. Y. Packing receptacle. 1,457,496; June 5.
Butler, Jay E., assignor to Victor Piston Ring Co., Baltimore, Md. Metallic piston and piston packing ring. 1,463,667; July 31.
Butler, Jay H., Newark, Ohio. Body for Ford chassis. 1,474,235; Nov. 13.
Butler, John, Echo, assignor of one-half to A. J. Hinz, Wood Lake, Minn. Rotary ground pulverizer. 1,449,584; Mar. 27.
Butler, John R., assignor of one-third to T. B. Chaffin, Montgomery, W. Va. Rail joint. 1,473,334; Nov. 6.
Butler, Loren, Philadelphia, Pa. Heating apparatus. 1,466,269; Aug. 28.
Butler, Obadiah, and A. Morin, Killingly, Conn. Splicing apparatus. 1,452,906; Apr. 24.
Butler, Robert H., assignor to H. W. Meyer, Cincinnati, Ohio. Spotlight mounting for automobiles. 1,444,304; Feb. 6.
Butler, Robert S., Joplin, Mo. Rail clamp. 1,470,055; Oct. 9.
Butler, Robert T., assignor of one-half to H. E. Thompson, Flushing, Ohio. Switch stand. 1,478,888; Dec. 25.
Butler, Rollo J., Tonopah, Nev. Centrifugal amalgamator. 1,452,181; Apr. 17.
Butler, Thomas F., Lorain, Ohio. Shock absorber. 1,442,646; Jan. 16.
Butler, Wilfred. (See Butler, Benjamin and W.)
Butler, William F., Hillside, N. J. Trap. 1,455,106; May 15.
Butler, William F., Hillside, N. J., assignor to American Can Company, New York, N. Y. Extracting water from pulp gaskets. 1,470,216; Oct. 9.
Butner, John C., Greenville, N. C. Messenger's portable safe. 1,468,991; Sept. 25.
Butrum, Clarence A., Holton, Kans. Platform ladder jack. 1,452,182; Apr. 17.
Butsch, Edmund G., St. Louis, Mo., and G. W. Butsch, East St. Louis, Ill. Fender. 1,466,115; Aug. 28.
Butsch, George W. (See Butsch, Edmund G. and G. W.)
Butscher, Joseph, and J. Schroder, Cincinnati, Ohio. Safe. 1,447,462; Mar. 6.
Butte, Charles F., San Francisco, Calif. Aisle light. 1,459,440; June 19.
Buttenfield, Charles C., Pittsburgh, Pa. Piston and cylinder fitting compound. 1,463,501; July 31.
Buttenfield, Charles C., Pittsburgh, Pa. Piston and cylinder fitting compound. 1,463,502; July 31.
Butter, Adolf, Clifton, N. Y. Direction indicator. 1,460,701; July 3.
Butterfield, Charles. (See Weber, A. J., and Butterfield.)
Butterfield, Charles, assignor to The Interstate Folding Box Company, Middletown, Ohio. Machine for making paper folding boxes and the like. 1,461,966; July 17.
Butterfield, Charles, assignor to The Interstate Folding Box Company, Middletown, Ohio. Making paper folding boxes or the like. 1,461,967; July 17.
Butterfield, Daniel J., Los Angeles, Calif. Coin-controlled apparatus for dispensing cups. 1,457,616; June 5.
Butterfield, Edward H., and F. D. Otterbein, assignors to T. Harvey, jr., Middletown, Ohio. Signal and recording meter for paper-making machinery. 1,453,438; May 1.
Butterfield, Fred, & Co. (See Vandergaw, E. B., and Heinrich, assignors.)
Butterfield, Jay L. (See Gillette, R. T., and Butterfield.)
Butterick, Naason Z., Jacksonville, Fla. Flexible roof covering. 1,445,991; Feb. 20.
Butterick Publishing Company, The. (See Sieger, Philip C., assignor.)
Butterman, Samuel, Chicago, Ill., and C. K. Cooperrider, Albuquerque, N. Mex., dedicated, by mesne assignments, to the People of the United States for their free use and enjoyment. Manufacturing waterproof adhesives. 1,456,842; May 29.
Butters-Camp Manufacturing Company. (See Butters, Robert H., assignor.)
Butters, Chas., & Co. Limited. (See Mennell, James L., assignor.)
Butters, Robert H., assignor to The Butters-Camp Manufacturing Company, Atlanta, Ga. Gin or linter saw. 1,466,927; Sept. 4.
Butterworth, Arthur, jr. (See Butterworth, Arthur A., jr., and H.)
Butterworth, Arthur, A. B., jr., and H., Rochdale, England. Multispeed gear for machine tools. 1,453,127; Apr. 24.
Butterworth, Frank W., assignor to Western Brick Company, Danville, Ill. Forming texture brick. 1,463,936; Aug. 7.
Butterworth, Frank W., assignor to Western Brick Company, Danville, Ill. Sanded texture brick. 1,463,937; Aug. 7.
Butterworth, Harold. (See Butterworth, Arthur A., jr., and H.)
Butterworth, Samuel D., Lansing, Mich. Striker plate. 1,463,384; July 31.
Butterworth, Samuel D., Lansing, Mich. Latch. 1,463,385; July 31.
Butterworth, Samuel D., Lansing, Mich. Latch. 1,475,169; Nov. 27.
Butterworth, Samuel D., Lansing, Mich. Lock. 1,475,363; Nov. 27.
Buttner, William C., Chicago, Ill. Bottle cap. 1,462,165; July 17.
Button Attaching Machine Company. (See Ross, Frederick N., assignor.)
Button, Clarence E. (See Button, Edwin W. and C. E.)
Button, Edwin W., and C. E., Corning, N. Y. Automatic cuspidor. 1,453,454; May 1.
Button, General E., Nampa, Idaho. Advertising chair. 1,441,911; Jan. 9.
Buttress, George A., Los Angeles, and J. A. Buttress, Pasadena, Calif. Plaster-board construction. 1,449,728; Mar. 27.
Buttress, George A., Los Angeles, Calif., assignor to Buttress Manufacturing Company. Apparatus for handling freshly-formed sections of plaster board. 1,476,050; Dec. 4.
Buttress, Joseph A. (See Buttress, George A. and J. A.)
Buttress Manufacturing Company. (See Buttress, George A., assignor.)
Butts, L. N., et al. (See Kotzebue, Meinhard H., assignor.)
Butz, Walter D., Norristown, Pa. Stocking. Des. 62,043; Mar. 6.
Buxton, Harry. (See Saunders, Edward, assignor.)
Buxton, Incorporated. (See Buxton, Warner R., assignor.)
Buxton, Warner R., Longmeadow, Mass., assignor to Buxton, Incorporated. Key case. 1,443,937; Jan. 30.
Buxton, Warner R., Longmeadow, Mass., assignor to Buxton, Incorporated. Key-case holder. 1,452,727; Apr. 24.
Buyukas, Leon M., Grantwood, N. J. Safety razor. 1,450,017; Mar. 27.
Buzzaird, Raleigh B., Washington, D. C., and W. C. Bucknam, Jersey City, N. J., assignors, by mesne assignments, to Davis Automatic Equipment Corporation, New York, N. Y. Coin-controlled lock. 1,469,553; Oct. 2.
Buzzo, Joseph T. (See Reese, C. C., Buzzo, and Woodford.)
Bye, Karl, and P. Werle, Butte, Mont. Vehicle headlight. 1,451,862; Apr. 17.
Byerlein, Arthur A., assignor to The Toledo Machine & Tool Company, Toledo, Ohio. Drawing press. 1,459,905; June 26.
Byerley, Albert G., Salem, Ohio. Power tractor. 1,454,698; May 8.
Byers, A. M., Company. (See Aston, James, assignor.)
Byers, J. W., et al. (See Sumner, George W., assignor.)
Byers, De Forest, Clear Lake, Iowa. Strainer. 1,458,464; June 12.
Byers, Horace G., Montclair, N. J., assignor to Brown Company, Berlin, N. H. Catalyst and making same. 1,470,552; Oct. 9.
Byers, James C., Hickory, N. C. Cotton cleaning and conditioning machine. 1,453,744; May 1.
Byers, John F., Machine Company, The. (See Beckwith, Henry C., assignor.)
Byers, Robert P., Toronto, Ontario, Canada. Charm. Des. 62,879; Aug. 21.
Byers, Wayne E., et al. (See Barr, Harry R., assignor.)
Byles, Frank A., Schenectady, N. Y., assignor to General Electric Company. Speed control of D. C. motors. 1,441,482; Jan. 9.
Bylund, Eric, Winnipeg, Manitoba, Canada. Hose coupling. 1,456,761; May 29.
Byor, Gustav A., Edgar, Nebr. Register. 1,451,761; Apr. 17.
By-Products Recovery Company. (See Mellott, Howard S., assignor.)
Byrd, Charlie T., Atlanta, Ga. Ice creeper. 1,469,619; Oct. 2.
Byrd, Frank H. (See Harbaugh, J. E., and Byrd.)
Byrd, H. B., Manufacturing Company. (See Marshall, Stanmore P., assignor.)
Byrd, Robert E., Erie, Pa. Automatic die-casting machine. 1,466,294; Aug. 28.
Byrd, Theodore K., Baltimore, Md. Glass-shearing mechanism. 1,444,327; Feb. 6.
Byrne, Charles E., and J. S. Murphy, Chicago, Ill. Spool for photographic films and the like. 1,466,157; Aug. 28.
Byrne, Chester P., Marysville, Calif. Wrench. 1,474,236; Nov. 13.
Byrne, George M., et al. (See Byrne, John F., assignor.)

Byrne, John F., assignor of one-third to G. M. Byrne and one-third to R. L. Smith, Lincoln, Nebr. Driving-wheel box for locomotives and the like. 1,477,625; Dec. 18.
Byrne, John L., and F. V. Scneder, Denver, Colo. Beet topper. 1,472,959; Nov. 6.
Byrne Manufacturing Company, The. (See Runser, Fredrick J., assignor.)
Byrne, Ralph E., Kansas City, Mo. Vehicle bed 1,454,037; May 8.
Byrnes, Clarence P., Sewickley, Pa. Motor-cooling system for self-propelled vehicles. 1,441,211; Jan. 9.
Byrnes, Clarence P., Sewickley, Pa. Motor-cooling system. 1,473,668; Nov. 13.
Byrom, James G., Heaton Chapel, assignor to R. Attwater, Lancaster, England. Manufacture of formaldehyde condensation products of phenols. 1,472,353; Oct. 30.
Bystrom, Agnar F., Los Angeles, Calif. Hair curler and waver. 1,474,509; Nov. 20.
Bzowy, Mike, assignor of one-half to J. Panocha, Stanley, Wis. Shoe-cleaning device. 1,471,826; Oct. 23.

C. C. Blake, Incorporated. (See Blake, Charles C. assignor.)
C. C. & F. Manufacturing Co. (See Calcaterra, Joseph, assignor.)
C. G. Haubold Aktien-Gesellschaft. (See Schnoeckel, Richard, assignor.)
C. T. C. Mfg. Co. (See Lyon, Wilbert, assignor.)
Cabalka, Frank, Geddes, S. Dak. Corn-fodder knife. 1,467,836; Sept. 11.
Cabana, Charles, Buffalo, N. Y. Jointed doll. 1,456,422; May 22.
Cabana, Charles, assignor to Buffalo Specialty Company, Buffalo, N. Y. Connector for mops and the like. 1,453,745; May 1.
Cabana, Oliver F. (See Dotterweich, Edward J., assignor.)
Cabelinsky, Julius L., Roxbury, Mass. Sewing-machine-shafting guard. 1,455,899; May 22.
Cable, Elbert E., Portland, Oreg. Surgical table. 1,453,062; Apr. 24.
Cable, George W., Norwalk, Conn. Toy. 1,461,109; July 10.
Cable, Harry C., assignor to M. L. Sweeney and E. J. Bowen, Los Angeles, Calif. Oil-well casing. 1,464,350; Aug. 7.
Cable, John H., Montclair, N. J. Flush-tank valve. 1,453,914; May 1.
Cabot, Godfrey L. (See Crommett, Charles F., assignor.)
Cabranette Corporation. (See Franks, Norvin H., assignor.)
Cabretosa, Valentin M., Barcelona, Spain. Solid tire for wheels. 1,454,103; May 8.
Cabrini, Attilio, Milan, Italy. Apparatus for sowing rice. 1,443,342; Jan. 30.
Cadden, Charles C., Akron, Ohio, assignor to Mechanical Efficiency Company. Mail-assembling machine. 1,442,126; Jan. 16.
Caddin, William C., Donalsonville, Ga. Valve lifter. 1,468,258; Sept. 18.
Cade, Charles W., Bellevue, assignor to McKinney Manufacturing Company, Pittsburgh, Pa. Truck. 1,470,526; Oct. 9.
Cade, Enos B., assignor to American Liquid Meter Company, Portland, Oreg. Meter for fluids. 1,470,684; Oct. 16.
Cade Manufacturing Company. (See Heldrich, Andrew, assignor.)
Cadenhead, Luther D., McKinney, Tex. Bookrack. 1,460,642; July 3.
Cadieux, Joseph O., assignor to The Connecticut Telephone & Electric Company, Meriden, Conn. Electric signal switch. 1,473,591; Nov. 6.
Cadillac Motor Car Company. (See Little, Thomas J., jr., assignor.)
Cadman, Addi B. (See Fitzgerald, W. J., and Cadman.)
Cadman, Addi B., assignor to Warner Manufacturing Company, Beloit, Wis. Dumping vehicle. 1,460,810; July 3.
Cadmus, Oscar P., Bayside, N. Y. Ply wood. 1,441,061; Jan. 2.
Cadwell, Carl C., Rochester, Minn. Combination hand bag and camera-carrying case. 1,478,202; Dec. 18.
Cadwell, Charles A., assignor to The Electric Railway Improvement Company, Cleveland, Ohio. Electromagnetic apparatus. 1,449,852; Mar. 27.
Cadwell, Charles A., assignor to The Electric Railway Improvement Company, Cleveland, Ohio. Electric furnace. 1,464,496; Aug. 14.
Cadwell, Helen. (See Moore, George L., assignor.)
Cadwell, John G. (See Scott, R. D., and Cadwell.)
Cadwell, Sidney M. (See Bradley, C. E., and Cadwell.)
Cadwell, Sidney M., New York, N. Y., assignor to The Naugatuck Chemical Company. Vulcanizing rubber and products obtained thereby. 1,440,961; Jan. 2.
Cadwell, Sidney M., Leonia, N. J., assignor to The Naugatuck Chemical Company. Vulcanizing rubber and products obtained thereby. 1,440,962; Jan. 2.
Cadwell, Sidney M., Leonia, N. J., assignor to The Naugatuck Chemical Company. Vulcanizing rubber and products obtained thereby. 1,440,963; Jan. 2.
Cadwell, Sidney M., Leonia, N. J., assignor to The Naugatuck Chemical Company. Vulcanizing rubber and products obtained thereby. 1,440,964, Jan. 2.
Cadwell, Sidney M., Leonia, N. J., assignor to The Naugatuck Chemical Company. Vulcanizing rubber and products obtained thereby. 1,445,621; Feb. 20.
Cadwell, Sidney M., Leonia, N. J., assignor to The Naugatuck Chemical Company. Treating rubber and product obtained thereby. 1,449,493; Mar. 27.
Cadwell, Sidney M., Leonia, N. J., assignor to The Naugatuck Chemical Company. Acceleration of vulcanization and products obtained thereby. 1,463,794; Aug. 7.
Cady, Elisha J. (See La Batt, William D., assignor.)
Cady, Elisha J. (See La Batt, W. D., and Sengebusch, assignors.)
Cady, Fred B., Utica, N. Y. Micrometer caliper height and surface gauge. 1,459,500; June 19.
Cady, Sherman W., Auburn, N. Y., assignor to International Harvester Company. Leverless disk harrow. 1,477,526; Dec. 11.
Cady, Walter G., Middletown, Conn. Piezo-electric resonator. 1,450,246; Apr. 3.
Cady, Walter G., Middletown, Conn. Maintaining electric currents of constant frequency. 1,472,583; Oct. 30.
Cady, Walter H., Boston, Mass. Making prepared roofing. 1,450,712; Apr. 3.
Caffrey, James H., Buffalo, N. Y. Fibrous wall board and producing the same. 1,447,708; Mar. 6.
Caffrey, Maurice J., New York, N. Y. Book holder. No. 1,463,668; July 31.
Caggiano, Joseph. (See Latham, Le Roy, and Caggiano.)
Caben, Marcel E. (See de Virel, A., and Caben.)
Cahill, Edwin D. (See Clemens, John G., assignor.)
Cahill, Moses M., Litchfield, Conn. Rapid milk cooler. 1,471,449; Oct. 23.
Cahill, Thomas J., Corpus Christi, assignor of one-half to R. Driscoll, Driscoll, Tex. Outlet valve for flush tanks. 1,450,133; Mar. 27.
Cahusac, Clarence N., Jersey City, N. J. Phonograph-record-filing cabinet. 1,477,626; Dec. 18.
Caille, Adolph A., Detroit, Mich. Lever system for scales. 1,473,696; Nov. 13.
Caille Brothers Company. (See Maas, Julius, assignor.)
Cailliau, Cyril. (See Broluska, Amel B. and H. A., assignors.)
Cain, Burtis U. (See Dannettell, Henry, assignor.)
Cain, Jacob E. (See Reeves, H., and Cain.)
Cain, Jacob E., and F. A. Falkenbach, Columbus, Ohio; W. Zimmerer, administrator of said F. A. Falkenbach, assignor of the entire interest of said F. A. Falkenback to E. Falkenbach. Automatically-collapsible tap. 1,466,987; Sept. 4.
Cain, John J., Bayonne, N. J. Adjustable handhole cover. 1,449,729; Mar. 27.
Cain, John J., Bayonne, N. J. Locomotive boiler. 1,463,250; July 31.
Cain, Paul H., Kansas City, Mo. Kneeling bench. 1,449,891; Mar. 27.
Cain, William H., Los Angeles, Calif. Gas radiator. 1,451,609; Apr. 10.
Cain, William H., Los Angeles, Calif. Gas radiator. 1,459,390; June 19.
Cairella, Deniel, Shelton, Conn. Horn-operating mechanism. 1,474,188; Nov. 13.
Cairncross, Andrew S., St. Paul, Minn. Crystallizing apparatus. 1,449,651; Mar. 27.
Cairnes, John, South Norwood, England. Cushion tire of the chamber type. 1,475,427; Nov. 27.
Cairns, Henry W., Detroit, Mich. Changeable-sign device. 1,454,622; May 8.
Calabrese, Frank, Chicago, Ill. Ventilator. 1,470,685; Oct. 16.
Calabrese, Vincent, Brooklyn, N. Y. Camera. 1,452,413; Apr. 17.
Calagains, Bertha, et al. (See Calagains, Willie, assignor.)
Calagains, Hattie, et al. (See Calagains, Willie, assignor.)
Calagains, Lillian, et al. (See Calagains, Willie, assignor.)
Calagains, Lucile, et al. (See Calagains, Willie, assignor.)
Calagains, Pearl, et al. (See Calagains, Willie, assignor.)
Calagains, Willie, assignor to L. Calagains, L. Calagains, P. Calagains, H. Calagains, B. Calagains, and W. Calagains, Gary, Ind. Airplane. 1,475,790; Nov. 27.
Calagains, Williemae, et al. (See Calagains, Willie, assignor.)
Calahan, Harold A., New York, N. Y. Automobile lock protective device. 1,452,065; Apr. 17.
Calame, Lloyd A., Freeport, Ill. Clutch lock for motor vehicles. 1,464,256; Aug. 7.
Calaway, Leonard H., Fullerton, Calif. Connecting-rod coupling. 1,449,034; Mar. 20.
Calcaterra, Joe, et al. (See Younger, Frank J., assignor.)
Calcaterra, Joseph, assignor to C. C. & F. Manufacturing Co., Inc., New York, N. Y. Safety device for the clutch-controlling means of automobiles. 1,443,807; Jan. 23.
Calder, John A., assignor to The Torrington, Company, Torrington, Conn. Needle-latch-riveting machine. 1,447,755; Mar. 6.

Calder, John A., assignor to The Torrington Company, Torrington, Conn. Latch-needle-making machine. 1,447,756; Mar. 6.
Calder, John A., assignor to The Torrington Company, Torrington, Conn. Wire feeding and cutting mechanism for latch-needle-making machines. 1,467,705; Sept. 11.
Calderon, John R., Chicago, Ill. Anchor plate. 1,466,158; Aug. 28.
Calderon, John R., Chicago, Ill. Anchor plate. 1,466,159; Aug. 28.
Calderwood, Earl B., Oakland, Calif. Combination door-knob and ringing device. 1,452,788; Apr. 24.
Caldwell, Benjamin F., Pomona, Calif. Furnace. 1,455,018; May 15.
Caldwell, Benjamin F., Pomona, Calif. Floor heater. 1,457,056; May 29.
Caldwell, Frank B., Oak Park, assignor to H. W. Caldwell & Son Company, Chicago, Ill. Conveyer-coupling means. 1,462,461; July 17.
Caldwell, Frederick W., Schenectady, N. Y. Calculator. 1,454,104; May 8.
Caldwell, George, Washington, D. C. Vegetable-slicing machine. 1,477,106; Dec. 11.
Caldwell, H. W., & Son Company. (See Caldwell, Frank B., assignor.)
Caldwell, Harry J., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Inserted-tooth cutter. 1,468,774; Sept. 25.
Caldwell, Henry C., Buffalo, N. Y. Mixer for gas burners. 1,471,381; Oct. 23.
Caldwell, J. A., et al. (See Hope, Frederick T., assignor.)
Caldwell, James F., Los Angeles, Calif. Molding machine. 1,449,144; Mar. 20.
Caldwell, James R., assignor to The Seamless Rubber Company, Inc., New Haven, Conn. Dipping machine. 1,449,744; Mar. 27.
Caldwell, John A., Vancouver, British Columbia, Canada. Compass ellipsograph. 1,456,970; May 29.
Caldwell, Joseph A., Arkadelphia, Ark. Bedstead. 1,474,237; Nov. 13.
Caldwell, Samuel B., Oakland, Calif. Washing machine. 1,466,204; Aug. 28.
Caldwell, Thomas F., Carlstadt, N. J., assignor to The Flintkote Company, Boston, Mass. Sheet-guiding device for saturating tanks. 1,443,975; Feb. 6.
Caldwell, William L., assignor, by mesne assignments, to United Alloy Steel Corporation, Canton, Ohio. Metallic flume. 1,468,493; Sept. 18.
Caldwell, William L., assignor, by mesne assignments, to United Alloy Steel Corporation, Canton, Ohio. Metallic flume. 1,468,494; Sept. 18.
Caldwell, William L., assignor, by mesne assignments, to United Alloy Steel Corporation, Canton, Ohio. Metallic flume. 1,468,495; Sept. 18.
Caldwell, William L., assignor, by mesne assignments, to United Alloy Steel Corporation, Canton, Ohio. Metallic flume. 1,468,496; Sept. 18.
Caldwell, William T., Glendale, Calif. Housing for flexible service tubes and cables. 1,458,115; June 5.
Caleno, Ernest S., Dayton, Ohio. Explosive-engine attachment for bicycles. 1,460,811; July 3.
Calhoon, Zeddock, Luton, Iowa. Vehicle power jack. 1,470,808; Oct. 16.
Calhoun, Asa S., Colquitt, Ga. Collapsible poultry crate. 1,465,114; Aug. 14.
Calhoun, John C., Houston, Tex. Collapsible running board for motor vehicles. 1,458,519; June 12.
Calhoun, John W., Chester, Pa. Bottom for water meters. 1,440,817; Jan. 2.
California Almond Growers Exchange. (See Fowler, A. M., and Caulfeild, assignors.)
California Almond Growers Exchange. (See Pierce, George W., assignor.)
California Barrel Co. (See Krohn, Julius J., assignor.)
California Canning Machinery Co. (See Wilcox, George, assignor.)
California Cap Company. (See Barnes, Edward A., assignor.)
California Car Company. (See Manbert, Calvin R., assignor.)
California Cedar Products Company. (See Richardson, J. E. and Thurman, assignors.)
California Corrugated Culvert Company. (See Thorsby, K. J., and Force, assignors.)
California Cyanide Company. (See Metzger, Floyd J., assignor.)
California Packing Corporation. (See Ash, Charles S., assignor.)
California Packing Corporation. (See Barter, Clarence E., assignor.)
California Packing Corporation. (See Hirsch, Louis, assignor.)
California Packing Corporation. (See Opperman, Hugh F., assignor.)
California Packing Corporation. (See Smith, Otto, assignor.)
Calinaud, Arnold, Bourganeuf, Creuse, France. Apparatus for giving warning of and affording protection against frost. 1,446,783; Feb. 27.
Calkins, Edward C., Brooklyn, N. Y., assignor to I. C. Refrigeration Company. Refrigerating receptacle. 1,465,930; Aug. 28.
Calkins, Elizabeth, St. Joseph, Mo. Hair curler. 1,453,971; May 1.
Calkins, Frank E., New Haven, N. Y. Refrigerator. 1,448,331; Mar. 13.
Calkins, Georgia A., et al. (See Calkins, W. E., and Hall, assignors.)
Calkins, Seward H., assignor to The Traitel Marble Company, Long Island City, N. Y. Pattern and guide strip. 1,451,491; Apr. 10.
Calkins, Willie E., Gunnison, and F. P. Hall, Chaffee, assignors of one-fourth to S. A. Hall, Salida, and one-fourth to G. A. Calkins, Gunnison, Colo. Scraper and grader. 1,449,585; Mar. 27.
Call, Alfred M. (See Moen, O. O., Gronvold, and Call.)
Call, Benjamin G., and R. A. Wagstaff, Garfield, Utah, assignors to American Smelting & Refining Company. Rabble-furnace construction. 1,465,416; Aug. 21.
Call, Benjamin G., Tacoma, Wash., and R. A. Wagstaff, Garfield, Utah, assignors to American Smelting and Refining Company, New York, N. Y. Rabble-furnace construction. 1,465,417; Aug. 21.
Call, Douglas. (See Rawlings, H. S., Gray, Call, and Peck.)
Call, Ira A. and J. C., New York, N. Y., assignors, by mesne assignments, to The Ideal Automatic Train Control Company, Dover, N. J. Insulated wheel structure. 1,452,547; Apr. 24.
Call, Ira A. and J. C., New York, N. Y., assignors, by mesne assignments, to The Ideal Automatic Train Control Company, Dover, N. J. Train-control system. 1,478,273; Dec. 18.
Call, Jessie L. (See Spangenberg, Rudolph, assignor.)
Call, Joseph C. (See Call, Ira A. and J. C.)
Call, Sumner F., Hartford, Conn. Watermelon carrier. 1,458,268; June 12.
Callaghan, Acheson H. (See Keegan, W. J., jr., Callaghan, and Moore.)
Callaghan, Patrick H., Philadelphia, Pa. Pumping mechanism. 1,447,962; Mar. 13.
Callahan, Eugene C., Chicago, Ill. Combined ash tray and extinguisher. Des. 62,372; May 15.
Callahan, Henry E., Kearney, Nebr. Apparatus for destroying rodents. 1,464,148; Aug. 7.
Callahan, John F., Brockton, Mass. Hemostatic forceps. 1,460,531; July 3.
Callahan, Richard E., Toronto, Ontario, Canada. Dish-washing machine. 1,444,902; Feb. 13.
Callahan, William G. (See Monsen, Adolph, assignor.)
Callahan, William R., et al. (See Hayes, Thomas E., assignor.)
Callan, Charles G., Bengough, Saskatchewan, Canada. Window-sash lock. 1,455,865; May 22.
Callan, John, Ray, Ariz. Hose supporter. 1,477,424; Dec. 11.
Callan, William H., and T. P. Kimman, Cleveland, Ohio, assignors to Chicago Pneumatic Tool Company, New York, N. Y. Piston and crank connection for engines. 1,452,955; Apr. 24.
Callard, Robert P., Charleston, W. Va., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Changing bending rollers in sheet-glass-drawing machines. 1,463,251; July 31.
Callard, Robert P., Charleston, W. Va., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Sheet-glass-drawing mechanism. 1,469,379; Oct. 2.
Callard, Robert P., Charleston, W. Va., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Drawing continuous sheet glass. 1,469,380; Oct. 2.
Callaway, James F., Salt Lake City, Utah. Fan for clear vision. 1,477,690; Dec. 18.
Callender, Wallace V., Chicago, Ill. Self-heating soldering iron. 1,476,948; Dec. 11.
Callery, James D., et al. (See Stroh, Henry N., assignor.)
Calleson, Amos, Brooklyn, N. Y. Can-heading machine. 1,453,619; May 1.
Callies, Carl L., Wetaskiwin, Alberta, Canada. Rail-joint-locking device. 1,470,056; Oct. 9.
Callimachi, Michel T., assignor to Courtaulds Limited, London, England. Manufacture of threads, filaments, strips, or films of cellulose. 1,449,380; Mar. 27.
Callista, James, Erie, Pa. Wrench and can opener. 1,475,791; Nov. 27.
Callo, Joseph G., New York, N. Y. Vehicle wheel. 1,454,466; May 8.
Callot, Herbert F. E., Lucien, Nancy, Meurthe-et-Moselle, France. Frame for vehicles traveling upon railways. 1,455,866; May 22.
Callsen, Jurgen, Elberfeld, assignor to Farbenfabriken vorm. Friedr. Bayer and Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Pharmaceutical product. 1,477,691; Dec. 18.
Callsen, Jürgen. (See Huismann, Callsen, and Grüttefien.)
Caloroil Burner Corporation. (See Grant, Albert E., assignor.)
Caltex Company, The. (See Ostenberg, Zeno, assignor.)
Calthrop, Everard R., assignor to E. R. Calthrop's Aerial Patents Limited, London, England. Aerial craft. 1,445,293; Feb. 13.
Calthrop, Everard R., assignor to E. R. Calthrop's Aerial Patents Limited, London, England. Parachute. 1,466,998; Sept. 4.

Calthrop's, E. R., Aerial Patents Limited. (See Calthrop Everard R., assignor.)
Caltrider, Samuel P., and P. P. Sauble, Westminster, Md. Poultry fountain. 1,460,702; July 3.
Calvert, Abraham L., Detroit, Mich. Adjustable bearing. 1,447,587; Mar. 6.
Calvert, Charles C., Lodi, Calif. Automatic-feed nail stripper. 1,478,021; Dec. 18.
Calvert, Everett L., Denver, Colo. Combination camp table and utensil carrier. 1,476,144; Dec. 4.
Calvert, Raymond A. (See Whitcomb, F., Lavender, and Calvert.)
Calvin, Curtis A., St. Paul, Nebr. Wrench. 1,448,053; Mar. 13.
Camarata, Vincent, et al. (See Peterson, Edwin A., assignor.)
Camarata, Vincent, J. Codrick, and R. P. Danley, Philadelphia, Pa. Vacuum cleaner. 1,459,946; June 26.
Cambridge, Walter, Berwyn, Ill. Vehicle wheel. 1,473,810; Nov. 13.
Came, Samuel, Philadelphia, Pa., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Locking device for the take-up mechanism of looms. 1,457,651; June 5.
Camel Company. (See Dobson, Albert, assignor.)
Cameron, Arthur, Chicago, Ill. Automobile radiator thermometer. 1,455,043; May 15.
Cameron Can Machinery Co. (See Cameron, William, assignor.)
Cameron, Charles R., Los Angeles, Calif. Indicating means. 1,457,426; June 5.
Cameron-Cowburn, Gertrude M., Gosport, Hants, England. Driving gear specially applicable to motor-propelled cycles. 1,463,610; July 31.
Cameron, Daniel R., Vancouver, British Columbia, Canada. Grain door. 1,464,059; Aug. 7.
Cameron, Donald A., Houghton, Mich. Body for children's vehicles. 1,460,944; July 3.
Cameron, Frank B. (See Martin, W. A., and Kegel, assignors.)
Cameron, Gordon, Wollaston, assignor to S. B. Condit, jr., Boston, Mass. Electric switch. 1,473,010; Nov. 6.
Cameron, Hugh, Brooklyn, N. Y., assignor, by mesne assignments, to R. D. Kent, Passaic, N. J. Scale. 1,475,930; Dec. 4.
Cameron, James A., and G. B. Birch, assignors to Cameron Machine Company, Brooklyn, N. Y. Slitting means. 1,440,908; Jan. 2.
Cameron, James A., and G. B. Birch, assignors to Cameron Machine Company, Brooklyn, N. Y. Slitting means. 1,461,266; July 10.
Cameron, James A., and G. B. Birch, assignors to Cameron Machine Company, Brooklyn, N. Y. Slitting and rewinding machine. 1,465,964; Aug. 28.
Cameron, James A., and G. B. Birch, assignors to Cameron Machine Company, Brooklyn, N. Y. Slitting device. 1,465,965; Aug. 28.
Cameron, James A., and G. B. Birch, assignors to Cameron Machine Company, Brooklyn, N. Y. Slitting means. 1,465,966; Aug. 28.
Cameron, James A., and G. B. Birch, assignors to Cameron Machine Company, Brooklyn, N. Y. Slitting and rewinding machine. 1,465,967; Aug. 28.
Cameron, James E., Montreal, Quebec, Canada, assignor to Western Electric Company, Incorporated, New York, N. Y. Cutting machine. 1,445,992; Feb. 20.
Cameron, John A. H., et al. (See Remillard, Joseph O., assignor.)
Cameron, John M., Dorchester, Va. Lubricating mine-car wheel. 1,444,234; Feb. 6.
Cameron Machine Company. (See Cameron, J. A., and Birch, assignors.)
Cameron, Thomas, Bennington, N. H. Board-stripping device. 1,455,019; May 15.
Cameron, Thomas C., assignor to Imperial Furniture Company, Grand Rapids, Mich. Tea wagon. Des. 63,023; Sept. 18.
Cameron, Thomas C., assignor to Imperial Furniture Company, Grand Rapids, Mich. End table. Des. 63,281; Nov. 20.
Cameron, Thomas C., assignor to Imperial Furniture Company, Grand Rapids, Mich. Table. Des. 63,282; Nov. 20.
Cameron, Thomas C., assignor to Imperial Furniture Company, Grand Rapids, Mich. Desk. Des. 63,283; Nov. 20.
Cameron, Will J., Chicago, Ill. Surgical appliance. 1,449,165; Mar. 20.
Cameron, Will J., Chicago, Ill. Variable-resistance unit 1,451,678; Apr. 17.
Cameron, William, assignor to Cameron Can Machinery Co., Chicago, Ill. Automatic die press. 1,477,240; Dec. 11.
Cameron, William H., assignor to Radium Chemical Company, Pittsburgh, Pa. Holding or supporting means for radium-applying means. 1,455,476; May 15.
Camiller, John, and A. Hay, London, England. Multicolor screen for natural-color cinematography and photography and in the manufacture thereof. 1,440,373; Jan. 2.
Caminoni, Philip, jr., Brooklyn, N. Y. Article of furniture. 1,455,569; May 15.
Camm, John A. (See Shields, F. S., and Camm.)
Cammell Laird & Company Limited et al. (See Creigh, John I., assignor.)
Cammen, Leon, Tuckahoe, N. Y. Centrifugal casting machine. 1,445,385; Feb. 13.
Camp, Curtis B., et al., trustees. (See Chandler, Milford G., assignor.)
Camp, David, Cumberland County, N. J. Device for straightening bent or irregular axle housings. 1,462,955; July 24.
Camp, Ernest, and A. F. Schatzel, San Diego, Calif. Ear protector. 1,468,556; Sept. 18.
Camp, Ernest, and A. F. Schatzel, San Diego, Calif. Bottle opener. 1,474,105; Nov. 13.
Camp, George H., Leolyn, Pa. Rail fastener. 1,449,089; Mar. 20.
Camp, George W., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Rheostat. 1,453,829; May 1.
Camp, Henry P., Chicago, Ill., assignor, by mesne assignments, to Jones, MacNeal and Camp, Incorporated. Electric hand drill. 1,445,294; Feb. 13.
Camp, Samuel H., Jackson, Mich., assignor to said Samuel H. Camp and E. C. Reynolds. Corset and abdominal support. 1,463,252; July 31.
Camp, Walter D., Wethersfield, Conn., assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 1,458,269; June 12.
Camp, William E., Canton, Ohio. Cable connector. 1,453,001; Apr. 24.
Campanella, Joseph, New York, N. Y. Sanitary lather-making device. 1,457,895; June 5.
Campbell, A. S., Company. (See Campbell, Alphonso S., assignor.)
Campbell, Albert W., Hartford, Conn. Snow guard. 1,475,931; Dec. 4.
Campbell, Alphonso S., West Medford, assignor to A. S. Campbell Company, Boston, Mass. Curtain-window installation. 1,465,728; Aug. 21.
Campbell, Archibald, London, and W. L. Miller, Essex, England. Redecoration of building. 1,441,964; Jan. 9.
Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Dump car. 1,446,244; Feb. 20.
Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Car-door-operating mechanism. 1,453,701; May 1.
Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Dump car. 1,455,520; May 15.
Campbell, Argyle, assignor to Enterprise Railway Equipment Co., Chicago, Ill. Tank-valve mechanism. 1,464,745; Aug. 14.
Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Dump-car construction and door-locking mechanism therefor. 1,464,746; Aug. 14.
Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Load-discharging car. 1,465,756; Aug. 21.
Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Hopper car. 1,474,814; Nov. 20.
Campbell, Argyle, and A. E. Zimmer, assignors to Enterprise Railway Equipment Company, Chicago, Ill. Tank-car valve and operating mechanism therefor. 1,466,116; Aug. 28.
Campbell, Austin H., Prospect, Pa. Chimney or smoke-stack ventilator. 1,476,488; Dec. 4.
Campbell, Charles E., Woodhaven, N. Y. Wrapping machine. 1,459,719; June 26.
Campbell, Charles R., Erie, Pa. Lip-pressure-correcting device for wind instruments. 1,469,583; Oct. 2.
Campbell, Colin J., Newark, N. J., assignor to The Standard Signal Corporation. Signaling apparatus. 1,464,806; 1,464,806; Aug. 14.
Campbell, Colin J., East Orange, N. J., and D. O'Neill, New York, N. Y. Antiskid device. 1,466,270; Aug. 28.
Campbell, Donald J., et al., trustees. (See Warren, John R., assignor.)
Campbell, Donald J., Muskegon Heights, Mich. Automatic-exhaust-valve construction. 1,465,342; Aug. 21.
Campbell, Donald J., Muskegon Heights, assignor of one-fourth to R. B. Campbell, South Haven, Mich. Pneumatic sand hopper. 1,447,376; Mar. 6.
Campbell, Edward C. (See West, J., and Campbell.)
Campbell, Ernest P., Stockton, Calif. Bearing extractor. 1,464,693; Aug. 14.
Campbell, George L. (See Davis, Harry G., assignor.)
Campbell, George W., Fort Laramie, Wyo. Folding shoe-brush. 1,463,669; July 31.
Campbell, George W., Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,450,018; Mar. 27.
Campbell, George W., Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,478,698; Dec. 25.
Campbell, Harry E., New York, N. Y., assignor to Campbell Metal Window Corporation, Baltimore, Md. Suspension means for vertically-sliding sashes. 1,451,668; Apr. 10.
Campbell, Harry E., New York, N. Y., assignor to Campbell Metal Window Corporation, Baltimore, Md. Window-sash booster. 1,464,694; Aug. 14.

Campbell, Henry, Liberal, Kans. Auto chain coupler. 1,461,306; July 10.
Campbell, Henry A., Oakland, Calif. Rotary compressor. 1,452,024; Apr. 17.
Campbell, Henry A., Oakland, Calif. Two-stroke deep-well power head. 1,452,025; Apr. 17.
Campbell, Henry C., New York, N. Y. Map-drawing machine. 1,453,377; May 1.
Campbell, James C. (See Hatcher, O. M., and Campbell.)
Campbell, James F., White Fish Bay, Wis., and R. G. Chamberlin, Grand Rapids, Mich. Bottom-draft deflector for furnaces and stoves. 1,440,965; Jan. 2.
Campbell, James R., and J. L. Reynolds, Scottdale, Pa. Welding compound. 1,460,476; July 3.
Campbell, Jesse T., Hornbreak, Tenn. Pick sack. 1,457,344; June 5.
Campbell, John A., Wilmington, Del. Valve-releasing device. 1,445,001; Feb. 13.
Campbell, John A., Quincy, Mass. Surfacing machine. 1,460,407; July 3.
Campbell, John C., Clarksburg, W. Va. Blowpipe for glass-making apparatus. 1,472,291; Oct. 30.
Campbell, John D., assignor to Detroit Stoker Company, Detroit, Mich. Fuel hopper for automatic stokers. 1,472,427; Oct. 30.
Campbell, John P., assignor, by mesne assignments, to M. C. Ludlam, Woodbury, N. J. Irrigating device. 1,454,844; May 15.
Campbell, Joseph, near Vanduser, Mo. Double-end hook. 1,464,027; Aug. 7.
Campbell, Joseph E., Rosedale, Kans. Sash antirattler. 1,451,359; Apr. 10.
Campbell, Julian A. (See Russell, V. W., Kyle, and Campbell.)
Campbell, Layard, New York, N. Y., assignor, by mesne assignments, to Twist Seal Company, Chicago, Ill. Wire-strapping tool. 1,463,869; Aug. 7.
Campbell, Layard, New York, N. Y., assignor, by mesne assignments, to Twist Seal Company, Chicago, Ill. Strap-tightener tool. 1,463,870; Aug. 7.
Campbell, Leon W., Providence, R. I. Spinning and drawing roll. 1,474,346; Nov. 20.
Campbell, Lorn, jr., assignor to United States Welding Company, Minneapolis, Minn. Blowpipe. 1,474,189; Nov. 13.
Campbell Metal Window Corporation. (See Campbell, Harry E., assignor.)
Campbell, Omer F., Fresno, Calif. Life-saving and sporting device. 1,477,627; Dec. 18.
Campbell, Paul, San Antonio, Tex. Clothespin. 1,463,670; July 31.
Campbell, Robert B. (See Campbell, Donald J., assignor.)
Campbell, Robert H. (See Read, H. V. R., and Campbell.)
Campbell, Robert J., assignor to W. H. Smith, Denver, Colo. Steam cabinet for foods. 1,452,907; Apr. 24.
Campbell, Robert L. (See Mock, George R., assignor.)
Campbell, Ronald E., Columbia, S. C. Attachment for stoves. 1,467,754; Sept. 11.
Campbell, Sidney B., San Antonio, Tex. Wear plate. 1,475,048; Nov. 20.
Campbell, Stanley T., assignor to The Aetna Rubber Co., Cleveland, Ohio. Making battery jar covers. 1,474,510; Nov. 20.
Campbell, Sterling H. (See Viberg, Ernest R., assignor.)
Campbell, Sterling H., St. Louis, Mo. Coupling-release rigging. 1,452,358; Apr. 17.
Campbell, Sterling H., St. Louis, Mo. Coupling-release rigging. 1,453,002; Apr. 24.
Campbell, Sterling H., St. Louis, Mo. Coupler-release rigging. 1,455,386; May 15.
Campbell, Thomas A., trustee. (See Campbell, T. A., Damon, and Stewart, assignors.)
Campbell, Thomas A., New York, N. Y., J. W. Damon, Plymouth, Mass., and A. B. Stewart, Newark, N. J., assignors to T. A. Campbell, trustee, New York, N. Y. Secondary cell and separator plate for use therein. 1,474,761; Nov. 20.
Campbell, Thomas L., Berlin, Pa. Mine-car skid. 1,460,885; July 3.
Campbell, Thomas R., assignor of one-half to J. R. Carlisle, San Diego, Calif. Burner and heater. 1,441,062; Jan. 2.
Campbell, Walter L., Philadelphia, Pa. Combined dresser and table. 1,448,788; Mar. 20.
Campbell, Walter M., and M. S. Smith, St. John West, New Brunswick, Canada. Safety appliance for locomotives and the like. 1,449,971; Mar. 27.
Campbell, Walter T., St. Louis, Mo. Spare-tire lock. 1,441,328; Jan. 9.
Campbell, Warden G., Mason City, Ill. Brooder. 1,464,407; Aug. 7.
Campbell, William H., assignor to Charles Cloz Company, Webster City, Iowa. Sieve and manufacturing same. 1,448,725; Mar. 20.
Campbell, William J., Indianapolis, Ind., assignor to American Slicing Machine Co., Chicago, Ill. Slicing machine. 1,470,614; Oct. 16.
Campbell, William S. (See Waechter, F. F., and Campbell.)
Campbell, William S., Philadelphia, Pa., assignor to Link-Belt Company, Chicago, Ill. Means for manipulating telescopic chutes. 1,443,868; Jan. 30.
Campbell, Wyant & Cannon Foundry Co. (See Wickland, Algot A., assignor.)
Campsey, James E., Cameron, W. Va. Band wheel for oil-well-drilling apparatus. 1,478,548; Dec. 25.
Campus, Cesare, Brooklyn, N. Y. Nursing bottle. 1,440,966; Jan. 2.
Canada Carbide Company. (See King, J. C., and Nish, assignors.)
Canada Carbide Company Limited. (See King, Jesse C., assignor.)
Canadian Electro Products Company Limited. (See Matheson, Howard W., assignor.)
Canadian General Electric Co. Ltd., The. (See Mallett, C. S., Forrest, and Monie, assignors.)
Canale, Mario A., and R. Frias, Buenos Aires, Argentina. Device utilizing the trepidations of vehicles. 1,453,972; May 1.
Canavan, Matthew J., Dunmore, Pa. Automatic headlight turner. 1,457,146; May 29.
Canby, Amos G., Detroit, Mich. Can-top fastener. 1,468,375; Sept. 18.
Canda, Ferdinand M., New York, N. Y. Ball-rolling apparatus. 1,447,121; Feb. 27.
Canda, Ferdinand M., New York, N. Y. Ball-rolling apparatus. 1,465,208; Aug. 14.
Candee, Andrew H., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control apparatus. 1,444,947; Feb. 13.
Candee, Andrew H., Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company. Motor-control system. 1,469,210; Oct. 2.
Candee, Bertram C. (See Pierce, W. N., and Candee.)
Candee, Bertram C., and W. N. Pierce, assignors to Pierce Fuse Corporation, Buffalo, N. Y. Fuse. 1,447,122; Feb. 27.
Candee, L., & Company. (See McCrohan, John A., assignor.)
Candee, Zenas P., and J. H. Olcott, assignors to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Assembling machine. 1,444,106; Feb. 6.
Candler, James D., Detroit, Mich. Skylight. 1,468,898; Sept. 25.
Candy, Albert M., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Automatic lighting system. 1,475,746; Nov. 27.
Caneavri, Joseph P., Port Arthur, Tex. Hair iron. 1,465,838; Aug. 21.
Canfield, John A., assignor of one-half to Mac-Q Company, Inc., Collins, Miss. Potato cutter. 1,475,276; Nov. 27.
Canfield, Philemon B., Syracuse, N. Y. Boring and reaming tool. 1,446,831; Feb. 27.
Canfield, Wallace, Kerto, Calif. Gas clamp for oil-well casings. 1,448,285; Mar. 13.
Cangen, Mark, Brooklyn, N. Y. Shoe-heel buffer. 1,445,295; Feb. 13.
Canham, Victor H., Buffalo, N. Y. Garment hanger. 1,444,107; Feb. 6.
Canine, Chester W., Cincinnati, Ohio. Conveyer device for laundry assorting and marking booths. 1,460,660; July 3.
Canion, John R., Austin, Tex. Loading and grading device. 1,462,785; July 24.
Cannady, Noah B., Eureka, Kans. Weather strip. 1,454,210; May 8.
Cannard, William H., and G. A. Shaffer, Green Bay, Wis., assignors to said Cannard. Feeding and cutting mechanism. 1,449,264; Mar. 20.
Cannard, William H., and G. A. Shaffer, Green Bay, Wis., assignors to said Cannard. Recording mechanism and dissemination method. 1,450,427; Apr. 3.
Cannell, Murray. (See Madsen, Martin, assignor.)
Canning, George, Los Angeles, Calif. Automobile robe holder. 1,477,031; Dec. 11.
Canning, James, Montpelier, Vt. Sawmill-carriage driving mechanism. 1,450,019; Mar. 27.
Cannom, William G., assignor of one-half to W. E. Milenz, Lansing, Mich. Attachment for turret lathes. 1,449,381; Mar. 27.
Cannon, Elmer E., Waukomis, Okla. Steering-mechanism equalizer. 1,447,757; Mar. 6.
Cannon, James H., Los Angeles, Calif. Telephone directory. 1,445,993; Feb. 20.
Cannon, James H., Los Angeles, Calif. Hair drier. 1,478,635; Dec. 25.
Cannon, Mervin B., Cincinnati, Ohio. Packaging machine. 1,473,175; Nov. 6.
Canova, Antonio J., West Palm Beach, Fla. Manifold. 1,443,116; Jan. 23.
Canova, William, Paterson, N. J. Shuttle tension. 1,458,639; June 12.
Cantelo, John S., East Cambridge, Mass. Shoe rack. 1,465,777; Aug. 21.
Cantelo, John S., Boston, Mass. Rack for boots, shoes, and the like. 1,468,800; Sept. 25.
Canter, Vernon C. (See Voress, C. L., and Canter.)
Canton Pneumatic Tool Company, The. (See Mayo, Milford C., assignor.)
Canton, Rolland J., Lynn, Mass. Bottle-capping and wire-removing machine. 1,456,617; May 29.

Cantrall, Forrest L., Likley, Calif., assignor, by mesne assignments, to Engineering Specialties Company, San Francisco, Calif. Automobile engine stop. 1,458,270; June 12.
Cantrell, Addie E., Camp Point, Ill. Dispensing device. 1,472,046; Oct. 30.
Cantrell, Edwin B., San Francisco, and G. E. Miller, Oakland, Calif. Sleeve puller. 1,473,811; Nov. 13.
Cantrell, Forrest L., Oakland, Calif., assignor to Liberty Patents Syndicate. Steering wheel. 1,476,145; Dec. 4.
Cantú, Heleodoro, Baton Rouge, La. Baffle wall for furnaces. 1,444,328; Feb. 6.
Cantwell, Edward J., Kansas City, Mo. Hayrake. 1,478,817; Dec. 25.
Capanhat Co., The. (See Koppman, Charles, assignor.)
Capdevila, Antonio S., Barcelona, Spain. Safety lock. 1,478,274; Dec. 18.
Capell, Carl F., Venice, assignor to Capell Laboratories, Inc., Los Angeles, Calif. Canning and canning machine. 1,448,255; Mar. 13.
Capell, George M., deceased, Passenham, near Stony Stratford, England, by R. A. Blake, trustee and legal representative. Air impeller or propeller. 1,467,227; Sept. 4.
Capell, George M., deceased, Passenham, near Stony Stratford; R. A. Blake, London, and K. M. Dawes, commonly called Capell, St. Lawrence, Isle of Wight, England, legal representatives. Centrifugal fan. 1,471,141; Oct. 16.
Capell Laboratories, Inc. (See Capell, Carl F., assignor.)
Capen, Fred L. (See Wood, G. H., and Capen.)
Capes, Delbert R., Chicago, Ill. Gear or wheel puller. 1,445,749; Feb. 20.
Capewell Horse Nail Company. (See Cutter, Solomon M., assignor.)
Capital Phonoller Corporation. (See Lane, Marvin C. M., assignor.)
Capitol Brass Works. (See Benjamin, Oscar P., assignor.)
Caplan, Harry, Detroit, Mich. Fender bracket. 1,453,271; May 1.
Caplan, James H., Boston, Mass. Tool for demountable rims. 1,471,099; Oct. 16.
Caplan, Meyer, Brookyn, N. Y. Camping trailer. 1,461,574; July 10.
Caplan, Nathen K., Detroit, Mich. Draft preventer. 1,456,971; May 29.
Caple, William M., Hamilton, Mont. Cord-holding device. 1,474,402; Nov. 20.
Caples, Russel B. (See Elton, J. O., and Caples.)
Caplinger, John D., Newark, N. J., assignor to C. A. Kellogg, New York, N. Y. Web-printing machine. 1,474,142; Nov. 13.
Capocci, Pompeo, Providence, R. I. Signal indicator for automobiles. 1,472,550; Oct. 30.
Capocci, Pompeo, Providence, R. I. Coffee urn. 1,472,551; Oct. 30.
Capouch, Emil, Cicero, Ill. Engine-cranking device. 1,452,592; Apr. 24.
Cappabianca, Antonio, Braddock, Pa. Mechanically-operated crib. 1,476,146; Dec. 4.
Cappell, John T., assignor of one-half to James H. Slaughter, Los Angeles, Calif. Traffic signal. 1,443,945; Feb. 6.
Cappellari, Alfonso, assignor of one-half to L. Donzelli, Bologna, Italy. Lock for vehicles. 1,460,015; June 26.
Cappon, Thomas W., Newark, N. J. Ink eradicator. 1,475,932; Dec. 4.
Capps, William P., Shreveport, La. Gas-pressure regulator. 1,454,211; May 8.
Capra, Benedetto, Sacramento, Calif. Reversible door-check. 1,449,652; Mar. 27.
Capron Company. (See Moore, Robert H., assignor.)
Caproni, Federico, Milan, Italy. Flying machine. Re15,688; Sept. 25.
Caproni, Gianni, Milan, Italy. Device for determining the course on flying machines. 1,462,100; July 17.
Caps, John E., Wilmette, Ill. Water-softening apparatus. 1,452,288; Apr. 17.
Caps, John E., Wilmette, Ill. Liquid purifier. 1,465,968; Aug. 28.
Caps, Myrtle B. (See Cross, Walter M., assignor.)
Capstaff, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic reversal process. 1,460,703; July 3.
Capstaff, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Color photography. 1,469,811; Oct. 9.
Capstaff, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic reproduction and method of and apparatus for making the same. 1,478,599; Dec. 25.
Capstaff, John G., and F. C. Martin, assignors to Eastman Kodak Company, Rochester, N. Y. Film-treating apparatus. 1,441,163; Jan. 2.
Capstaff, John G., and N. B. Green, assignor to Eastman Kodak Company, Rochester, N. Y. Color photography. 1,444,329; Feb. 6.
Capstan Glass Company. (See Kucera, Peter, assignor.)
Caraballo, Abelardo, Habana, Cuba. Machine for making cigar bunches. 1,457,724; June 5.
Caracristi, Virginius Z. (See Muhlfeld, J. E., and Caracristi.)
Caracristi, Virginius Z., Bronxville, assignor to Locomotive Pulverized Fuel Company, New York, N. Y. Burning of pulverized fuel and gas. 1,441,721; Jan. 9.
Caracristi, Virginius Z., Bronxville, N. Y. Variable exhaust nozzle for locomotives. 1,466,788; Sept. 4.
Caralun, Frank E., Chicago, Ill. Attachment for throttle levers. 1,448,332; Mar. 13.
Caramore, Anthony C., Jamaica, N. Y. Swimmer's emergency aid. 1,468,938; Sept. 25.
Carbide & Carbon Chemicals Corp. (See Curme, G. O., jr., and Thompson, assignors.)
Carbide and Carbon Chemicals Corporation. (See Brooks, Benjamin T., assignor.)
Carbide and Carbon Chemicals Corporation. (See Curme, G. O., jr., and Young, assignors.)
Carbide and Carbon Chemicals Corporation. (See Eldred, Byron E., assignor.)
Carbide and Carbon Chemicals Corporation. (See Eldred, B. E., and Brooks, assignors.)
Carbide and Carbon Chemicals Corporation. (See McElroy, Karl P., assignor.)
Carbide and Carbon Chemicals Corporation. (See Martin, James W., jr., assignor.)
Carbide & Carbon Chemicals Corporation. (See Young, Charles O., assignor.)
Carbon Monoxide Burner Company. (See Craig, James W., assignor.)
Carbon, Timothy. (See Gibbons, John W., assignor.)
Carbondale Machine Company. (See Safberg, Bror F., assignor.)
Carbone, Domenico, Milan, Italy. Preparation of a product for maceration of vegetable substances and the resulting product. 1,473,901; Nov. 13.
Carbonit Aktiengesellschaft. (See Pape, Max C. A. H., assignor.)
Carborundum Company, The. (See Forse, Edwin B., assignor.)
Carborundum Company, The. (See Geiger, Charles F., assignor.)
Carborundum Company, The. (See Hartmann, Miner L., assignor.)
Carborundum Company, The. (See Hutchins, O., and Hawke, assignors.)
Carborundum Company, The. (See Tone, Frank J., assignor.)
Card, Calvin G., Los Angeles, Calif. Refrigerator. 1,459,280; June 19.
Card, Lewis O., Somerville, Mass. Window. 1,445,267; Feb. 13.
Card, Lewis O., Somerville, Mass. Dental root-canal point. 1,469,992; Oct. 9.
Cardell, Eugene F., Providence, R. I. Theft-detecting means. 1,474,706; Nov. 20.
Cardenas y Huerta, Antonio, Habana, Cuba. Manufacture of toys. 1,441,582; Jan. 9.
Carder, Frederick, assignor to Corning Glass Works, Corning, N. Y. Bowl. Des. 61,942; Feb. 13.
Carder, Frederick, assignor to Corning Glass Works, Corning, N. Y. Compote. Des. 61,943; Feb. 13.
Carder, Frederick, assignor to Corning Glass Works, Corning, N. Y. Bowl. Des. 61,944; Feb. 13.
Carder, Frederick, assignor to Corning Glass Works, Corning, N. Y. Pitcher. Des. 61,945; Feb. 13.
Carder, Frederick, assignor to Corning Glass Works, Corning, N. Y. Bowl. Des. 61,946; Feb. 13.
Carder, Frederick, assignor to Corning Glass Works, Corning, N. Y. Pitcher. Des. 61,947; Feb. 13.
Carder, Frederick, assignor to Corning Glass Works, Corning, N. Y. Glass teapot. Des. 61,948; Feb. 13.
Carder, Frederick, assignor to Corning Glass Works, Corning, N. Y. Vase or vessel. Des. 61,949; Feb. 13.
Carder, Frederick, assignor to Corning Glass Works, Corning, N. Y. Pitcher. Des. 61,950; Feb. 13.
Carder, Frederick, assignor to Corning Glass Works, Corning, N. Y. Candlestick. Des. 62,019; Mar. 6.
Carder, Frederick, assignor to Corning Glass Works, Corning, N. Y. Vase. 62,317; May 8.
Carder, Frederick, assignor to Corning Glass Works, Corning, N. Y. Vase. Des. 62,517; June 12.
Carder, Frederick, assignor to Corning Glass Works, Corning, N. Y. Bowl. Des. 63,252; Nov. 13.
Cardone, Paola. (See Fumagalli, G., Cardone, and Surico.)
Cardoso, Luis, Puebla, Mexico. Silent-key typewriter attachment. 1,478,600; Dec. 25.
Cardullo, Forrest E., assignor to The G. A. Gray Company, Cincinnati, Ohio. Metal planer. 1,476,949; Dec. 11.
Cardwell, Charles E., assignor of one-half to M. Lancaster and one-half to M. Stewart, Houston, Tex. Collapsible bundle receptacle. Re15,720; Nov. 13.
Cardwell, Ernest H., West Kensington, England. Spark intensifier for ignition circuits. 1,441,212; Jan. 9.
Cardwell, Thomas, Sedalia, Mo. Thermostatic steam trap. 1,464,197; Aug. 7.
Cardy, Fred E., Chicago, Ill. Eraser. 1,457,497; June 5.
Carek, Charles C., Touhy, Nebr. Portable air-storage tank. 1,452,789; Apr. 24.
Caretti, Maurice L., Pittsburgh, Pa. Mine-car check lock. 1,444,330; Feb. 6.

Caretto, John F., Brooklyn, N. Y. Adjustable gun stock. 1,468,354; Sept. 18.
Carey, Bayton F., et al. (See Carey, Bert C., assignor.)
Carey, Bert C., assignor of one-fourth to F. P. Berger and one-fourth to B. F. Carey, Sioux City, Iowa. Concrete mixer. 1,460,571; July 3.
Carey, Claude H., assignor to Atlas Powder Company, Wilmington, Del. Method of and apparatus for the manufacture of sulphuric anhydride. 1,477,107; Dec. 11.
Carey, Frank B., Fresno, Calif. Flytrap. 1,462,004; July 17.
Carey-Gavey Syndicate Limited. (See Higginson, Kingsley, assignor.)
Carey, George F., New York, N. Y. Auto safety device. 1,445,750; Feb. 20.
Carey, George W., Oshkosh, Nebr. Crust-breaking attachment for beet cultivators. 1,454,724; May 8.
Carey, James P., New York, N. Y. Hair-growth-removing implement for nostrils and ears. 1,470,527; Oct. 9.
Carey, Lawrence F., Philadelphia, Pa. Receptacle stand 1,450,713; Apr. 3.
Carey, Philip, Manufacturing Company, The. (See Kleeman, William, assignor.)
Carey, Philip, Manufacturing Company, The. (See Koester Herman R., assignor.)
Carey, William A., Toledo, Ohio. Mold for plastic flower boxes or the like. 1,457,767; June 5.
Carey, William H., Wisconsin Rapids, Wis. Making concrete blocks. 1,453,746; May 1.
Carey, William H., Wisconsin Rapids, Wis. Machine for making concrete blocks. 1,453,747; May 1.
Cargill, James H., Jersey City, N. J. Safety pin. 1,458,029; June 5.
Cargill, Theodore U., Washington, D. C. Building-block mold. 1,446,832; Feb. 27.
Carhart, Linden P., Brooklyn, N. Y. Transmission. 1,443,976; Feb. 6.
Carichoff, Eugene R., and B. W. Jones, Schenectady, N. Y., assignors to General Electric Company. Electromagnetic device. 1,445,994; Feb. 20.
Carillon, Eugene L., Bedford, Ohio. Radiator-thawing means. 1,478,422; Dec. 25.
Carithers, James V., and H. J. Williamson, Pomeroy, Wash. Drink mixer. 1,453,128; Apr. 24.
Carl, James M., Midvale, Idaho. Sign system. 1,447,377; Mar. 6.
Carl, Louis J., San Francisco, Calif. Automobile top. 1,476,391; Dec. 4.
Carlberger, Leo, Modling, Austria. Elastic rim. 1,466,205; Aug. 28.
Carle, Harold, Buffalo, N. Y., assignor to F. N. Burt Company, Limited, Toronto, Canada. Paper-cup dispenser. 1,472,584; Oct. 30.
Carleton, Charles B., Manchester Depot, Vt. Cooking attachment for automobiles. 1,446,876; Feb. 27.
Carleton, Charles R., Brooklyn, N. Y. Sprocket wheel 1,454,536; May 8.
Carleton, Walter E., Brooklyn, N. Y. Film-patching machine. 1,459,822; June 26.
Carley, William O., Walla Walla, Wash. Pavement glide. 1,456,881; May 29.
Carli, Vincenzo B., Boston, Mass. Parachute for airplanes. 1,475,792; Nov. 27.
Carlile, Frank S. (See Doughty, L. A., and Carlile.)
Carlin, Arvid F., New York, N. Y. Combined shelf and bracket. 1,452,144; Apr. 17.
Carlin, Arvid F., Mamaroneck, N. Y. Toy figure. 1,458,683; June 12.
Carlin, Arvid F., Mamaroneck, N. Y. Fan-operating means. 1,468,617; Sept. 18.
Carlin, John P., Cromwell, Conn. Hinge for cooking utensils. 1,476,797; Dec. 11.
Carling Tool & Machine Company, The. (See Hokanson, Alexander, assignor.)
Carling Turbine Blower Co. (See Carlson, Axel W., assignor.)
Carlisle, Bert, Santa Ana, Calif. Lamp. Des. 61,926; Feb. 13.
Carlisle, Clifton H., Toronto, assignor to The Goodyear Tire & Rubber Company of Canada, Limited, New Toronto, Ontario, Canada. Flexible belt. 1,442,924; Jan. 23.
Carlisle, John R. (See Campbell, Thomas R., assignor.)
Carll, Harry, Tacoma, Wash., assignor to B. F. Gump Company, Chicago, Ill. Separation trap for pulverizing machines. 1,442,466; Jan. 16.
Carlsen, Carl E., et al. (See Fisher, Charles, assignor.)
Carlsen, John H., Chicago, Ill. Frame for framing prints and the like. 1,463,150; July 31.
Carlson, Anthony E., Los Angeles, Calif. Railway crossing. 1,443,559; Jan. 30.
Carlson, Anthony E., Los Angeles, Calif. Stone-drilling machine. 1,453,620; May 1.
Carlson, Axel, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Slack-take-up device for electric iron cords. 1,456,093; May 22.
Carlson, Axel W. (See Swanson, P., and Carlson.)
Carlson, Axel W., assignor to Carling Turbine Blower Co., Worcester, Mass. Method for making turbine rotors. 1,447,202; Mar. 6.
Carlson, C. G., Ice Cream Company, The. (See Fox, Willis H., assignor.)
Carlson, Carl, Linfor, Idaho. Rail joint. 1,440,582; Jan. 2.
Carlson, Carl E., Brooklyn, N. Y. Demountable brake band. 1,471,882; Oct. 23.
Carlson, Charles J., Helena, Mont. Convertible automobile body. 1,446,833; Feb. 27.
Carlson, Charles T., Canton, Ohio. Utensil hinge. 1,471,776; Oct. 23.
Carlson, David E., Galesburg, Ill. Valve-spring lifter. 1,444,729; Feb. 6.
Carlson, Edwin M., Manor, Tex. Stalk-cutter attachment. 1,449,494; Mar. 27.
Carlson, Effie B., Isle, Minn. Paring knife. 1,444,659; Feb. 6.
Carlson, Egnar C., Rockford, Ill. Holder for machinists' scales and pencils. 1,468,002; Sept. 18.
Carlson, Eric V. (See Johnson, E. S., and Carlson.)
Carlson, Erik F., Brooklyn, assignor to Jones and Baker, New York, N. Y. Revolving telephone stand. 1,447,531; Mar. 6.
Carlson, Ernest H., Clay Center, Kans. Tractor-plow adjustment lever. 1,468,194; Sept. 18.
Carlson, Frank B. (See Bauer, G. J., and Carlson.)
Carlson, Franklin T., Stratford, Iowa. Cleaning device for gate seats and the like. 1,449,653; Mar. 27.
Carlson, Gustav. (See Hellroth, C., and Carlson.)
Carlson, Gustav A., assignor to The Boye Needle Company, Chicago, Ill., Screw driver. 1,446,877; Feb. 27.
Carlson, Gustav A., assignor to The Boye Needle Company, Chicago, Ill. Tatting shuttle. 1,452,183; Apr. 17.
Carlson, Gustav A., assignor to The Boye Needle Company, Chicago, Ill. Curtain rod. 1,453,748; May 1.
Carlson, Gustav A., assignor to The Boye Needle Company, Chicago, Ill. Hasp. 1,464,198; Aug. 7.
Carlson, Gustav A., assignor to The Boye Needle Company, Chicago, Ill. Hasp. 1,472,512; Oct. 30.
Carlson, Gustav W., assignor to The Torbensen Axle Company, Cleveland, Ohio. Lubrication of automotive vehicle knuckles. 1,456,618; May 29.
Carlson, Gustav W., assignor to The Torbensen Axle Company, Cleveland, Ohio. Lubrication of automotive vehicle knuckles. 1,456,619; May 29.
Carlson, Gustave A., Detroit, Mich. Polishing machine. 1,477,426; Dec. 11.
Carlson, Herman B., assignor of one-half to L. S. Rasmusen, Davenport, Iowa. Lap. 1,441,781; Jan. 9.
Carlson, Iddo E., Elkhart, Ind. Foot rest. 1,476,592; Dec. 4.
Carlson, Jalmar A., Stambaugh, Mich. Emergency fuel tanks for automobiles. 1,461,890; July 17.
Carlson, John, La Tuque, Quebec, Canada. Adjustable caster. 1,457,617; June 5.
Carlson, John W., assignor of one-half to H. S. Reed, Salt Lake City, Utah. Water motor. 1,454,212; May 8.
Carlson, Martin O., Chicago, Ill. Push sled. 1,458,392; June 12.
Carlson, Oscar A., assignor to D. P. Harris Manufacturing Company, Reading, Pa. Handle bar for bicycles and the like. 1,445,995; Feb. 20.
Carlson, Otto M., assignor to Crane Co., Chicago, Ill. Lapping metal pipes. 1,472,047; Oct. 30.
Carlson, Peter J., Paullina, Iowa. Drag. 1,448,789; Mar. 20.
Carlson, Robert A., Virginia, Minn. Safety attachment for air-brake systems. 1,445,002; Feb. 13.
Carlson, Rudolph E., and J. M. Gerster, St. Paul, Minn. Mail box. 1,440,529; Jan. 2.
Carlson, Walter C., Milwaukee, Wis. Advertising stand. Des. 62,544; June 19.
Carlson, Wendell L. (See Hanson, E. C., and Carlson.)
Carlson, Wendell L., and E. C. Hanson, Washington, D. C. Radiotelegraph system. 1,463,386; July 31.
Carlstedt, Ragnar, assignor to Aktiebolaget Arca Regulatorer, Stockholm, Sweden. Steam trap. 1,460,746; July 3.
Carlton, Basil B., and C. J. Burkley, assignors to The Goodyear Tire & Rubber Company, Akron, Ohio. Screening device. 1,462,469; July 17.
Carlucci, Gennaro S. (See Morrell, Michael, assignor.)
Carmack, William, et al. (See Cowin, Irving R., assignor.)
Carman, Charles L. (See Kennedy, J. E., and Carman.)
Carman, Edwin S., East Cleveland, assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Flask-filling machine. 1,476,688; Dec. 11.
Carman, Frank J., San Francisco, Calif. Drilling wells. 1,460,788; July 3.
Carman, James R., Beaver Dam, Ky. Nailless horseshoe. 1,471,827; Oct. 23.
Carmean, James H. (See Carmean, Samuel M. and J. H.)
Carmean, Samuel M. and J. H., Kansas City, Mo. Electric cut-out. 1,460,943; July 3.
Carmel, Joseph, assignor to F. M. Ashley, New York, N. Y. Key holder. 1,474,315; Nov. 13.
Carmichael, Howard C., Indianapolis, Ind. Railway-crossing gate and signal. 1,475,682; Nov. 27.
Carmichael, Thurman, Maryville, Mo. Hog-watering trough. 1,455,989; May 22.
Carmony, James L., Baltimore, Md. Sanitary protector for headrests. 1,441,396; Jan. 9.

Alphabetical list of patentees—Continued.

Carnahan, Harry L., Centralia, Mo. Accelerator foot throttle. 1,463,115; July 24.
Carnal, William D., Akron, Ohio, assignor to Western Tire Company, Omaha, Nebr. Tire tread. Des. 62,563; June 26.
Carnation Milk Products Company. (See Grindrod, George, assignor.)
Carnegie, William L., Detroit, Mich. Ply-wood wheel. 1,473,669; Nov. 13.
Carnelli, Charles M., New York, N. Y. Gas soldering iron. 1,464,497; Aug. 14.
Carnes Artificial Limb Company, The. (See Carnes, William T., assignor.)
Carnes, William T., assignor to The Carnes Artificial Limb Company, Kansas City, Mo. Combined furnace and crucible. 1,456,298; May 22.
Carnes, Zen A., Waterloo, Iowa. Rotary valve for internal-combustion engines. 1,474,621; Nov. 20.
Carney, Frank D., New York, N. Y. Producing stainless steel. 1,444,062; Feb. 6.
Carney, Ralph J., Boston, Mass. Scarfpin. 1,474,662; Nov. 20.
Carney, Samuel D. (See Reed, James T., assignor.)
Carol, Charles W., Globe, Ariz. Chicken coop or brooder. 1,452,728; Apr. 24.
Carolin, James B., Newark, N. J., assignor to City Button Works, New York, N. Y. Garment-fastening device. 1,465,578; Aug. 21.
Caron, Fred, Detroit, Mich. Automatic weather strip. 1,460,312; June 26.
Caron, John. (See Belanger, C., and Caron.)
Caron, Napoleon, assignor to Nashua Manufacturing Company, Nashua, N. H. Weft-replenishing loom. 1,461,861; July 17.
Caron, Octave, Faribault, Minn. Clod crusher. 1,452,184; Apr. 17.
Caron, Telesphore E., and M. Raiche, Kankakee, Ill. Sterilizer and irrigator. 1,470,145; Oct. 9.
Carothers, Charles O., Kenton, Ohio. Clay-pigeon trap. 1,477,942; Dec. 18.
Carothers, George N., Cutler, Ohio. Cork extractor. 1,449,654; Mar. 27.
Carpenter, Arthur W., New York, N. Y. Making mottled color screens. 1,476,874; Dec. 11.
Carpenter, Campbell C., assignor to U. S. Light & Heat Corporation, Niagara Falls, N. Y. Storage-battery practice. 1,468,259; Sept. 18.
Carpenter, Charles U., Dayton, Ohio. Typewriting machine. 1,451,203; Apr. 10.
Carpenter, Chester E., Aberdeen, S. Dak. Attachment for hens. 1,450,247; Apr. 3.
Carpenter, Cranston H., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric furnace. 1,444,948; Feb. 13.
Carpenter, E. R. (See Carpenter, H. H., and Keeler, assignors.)
Carpenter, Edgar H., Yoakum, Tex. Washer. 1,452,492; Apr. 24.
Carpenter, Ford A., Los Angeles, Calif. Recording instrument. 1,466,271; Aug. 28.
Carpenter, George L., Gladstone, Mich. Attachment for cooking vessels. 1,465,508; Aug. 21.
Carpenter, Harold W., Norwich, Conn. Electric recording meter. 1,474,955; Nov. 20.
Carpenter, Howard H., and R. B. Keeler, assignors to E. R. Carpenter, Los Angeles, Calif. Tile unit. 1,440,967; Jan. 2.
Carpenter, John S., Irvington, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Hydraulic turbine. 1,462,483; July 24.
Carpenter, Lewis M. (See Brown, G. S., and Carpenter.)
Carpenter, Robert F. and T. F. Anderson, assignors to Sanymetal Products Company, Cleveland, Ohio. Hinge. 1,446,449; Feb. 27.
Carpenter, Teunauski Z. (See Jones, Howard N., assignor.)
Carpenter, W. D., Company. (See Stapley, Philip H., assignor.)
Carpenter, William C., Oakland, Ill. Belt buckle. 1,444,537; Feb. 6.
Carpenter, Walter W., Charleston, S. C. Paste-tube cap. 1,470,686; Oct. 16.
Carpenter, Warren W., Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Machine-switching telephone-exchange system. 1,464,087; Aug. 7.
Carpenter, Warren W., Brooklyn, N. Y., and H. Hovland, East Orange, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,478,022; Dec. 18.
Carpentsy, William A., Newark, N. J. License-plate holder. 1,478,423; Dec. 25.
Carper, Charles W., Amma, W. Va. Harrow. 1,459,571; June 19.
Carpmill, John F., New Britain, Conn. Automobile hood fastener. 1,458,746; June 12.
Carpmill, John F., New Britain, Conn. Automobile hood fastener. 1,458,747; June 12.
Carr, Adelbert E., Kodiak, Alaska. Fish boner. 1,470,807; Oct. 16.
Carr, Charles M., Los Angeles, Calif. Girdle or corset. 1,472,552; Oct. 30.
Carr, Charles W., R. J. Dixon, and P. W. Conover, Ogden, Utah. Elevator-door lock. 1,453,915; May 1.
Carr & Company. (See Greenwood, Rowland, assignor.)
Carr, David M., Brooklyn, N. Y. Siphon apparatus. 1,462,082; July 17.
Carr, Edward, assignor of nine-sixteenths to H. D. Dansey, Auckland, New Zealand. Water heater. 1,474,762; Nov. 20.
Carr, Edward G., Milwaukee, Wis. Road machine. 1,444,108; Feb. 6.
Carr, Edward G., Milwaukee, Wis. Subgrade scraper. Re15,615; May 29.
Carr, Edward G., Chicago, Ill. Concrete-road machine. 1,457,299; June 5.
Carr Fastener Company. (See Carr, Fred S., assignor.)
Carr Fastener Company. (See Carr, Moses F., assignor.)
Carr Fastener Company. (See Hubbell, Benjamin F., assignor.)
Carr, Fred S., Newton, assignor to Carr Fastener Company, Cambridge, Mass. Fastener. 1,454,832; May 8.
Carr, Fred S., Newton, assignor to Carr Fastener Company, Cambridge, Mass. Fastener. 1,464,695; Aug. 14.
Carr, Fred S., Newton, assignor to Carr Fastener Company, Cambridge, Mass. Separable fastener. 1,467,920; Sept. 11.
Carr, Fred S., Newton, assignor to Carr Fastener Company, Cambridge, Mass. Separable fastener. 1,471,828; Oct. 23.
Carr, Fred S., Newton, Mass., assignor to Carr Fastener Company, Cambridge, Mass. Separable fastener. 1,476,147; Dec. 4.
Carr, George J., et al., trustees. (See Heslewood, W. R., and Mocine, assignors.)
Carr, Isaac H., Cincinnati, Ohio. Automatic shut-off valve. 1,448,193; Mar. 13.
Carr, Isaac H., Cincinnati, Ohio. Automatic gas-shut-off valve. 1,468,135; Sept. 18.
Carr, Jesse M., Stockton, Calif. Tank filler. 1,443,977; Feb. 6.
Carr, John, Esher, and A. B. Bradley, Fulham Park, London, England. Preparing sugar. 1,454,153; May 8.
Carr, John E., assignor to All-Steel-Equip Company, Aurora, Ill. Inclosed switch. 1,463,151; July 31.
Carr-Lowrey Glass Co. (See Newell, Louis B., assignor.)
Carr, Melvin K., Bremerton, Wash. Coupling for railway cars. 1,450,248; Apr. 3.
Carr, Moses F., Lexington, assignor to Carr Fastener Company, Cambridge, Mass. Separable fastener. Re15,714; Nov. 6.
Carr, Oscar L., Baton Rouge, La. Headlight plug. 1,459,651; June 19.
Carr, Robert L., et al. (See Smith, Thomas C., assignor.)
Carr, Vernon B., and S. H. Broshar, Lebanon, Ind. Automatic draft regulator. 1,463,671; July 31.
Carrau, Salvador, and W. R. Cobean, Buenos Aires, Argentina. Device for the use of carbon paper in typewriters. 1,452,414; Apr. 17.
Carrey, John O., assignor to Carrey Rotary Engine Company, St. Louis, Mo. Rotary air compressor. 1,475,683; Nov. 27.
Carrey Rotary Engine Company. (See Carrey, John O., assignor.)
Carricaburu, Antoine. (See Dubuc, A., and Carricaburu.)
Carrier, Albert H., Asheville, N. C., assignor of one-half to E. W. Grove, St. Louis, Mo. Producing a sheathing or shingle and the product. 1,448,614; Mar. 13.
Carrier, Albert H., Asheville, N. C., assignor of one-half to E. W Grove, St. Louis, Mo. Wood-cutting machine. 1,474,337; Nov. 13.
Carrier Engineering Corporation. (See Carrier, Willis H., assignor.)
Carrier Engineering Corporation. (See Heckel, Edmund P., assignor.)
Carrier Engineering Corporation. (See Lewis, Leo L., assignor.)
Carrier Engineering Corporation. (See Lyle, J. I., and Lewis, assignors.)
Carrier Engineering Corporation. (See Stacey, Alfred E., jr., assignor.)
Carrier, Milton L., Centralia, Wash. File holder. 1,459,613; June 19.
Carrier, Willis H., Essex Fells, assignor to Carrier Engineering Corporation, Newark, N. J. Method of and apparatus for drying and conditioning materials. 1,467,306; Sept. 11.
Carrier, Willis H., assignor to Carrier Engineering Corporation, New York, N. Y. Method of and apparatus for adding moisture to powdered materials. 1,469,993; Oct. 9.
Carringer, James R. (See Clark, E. M., Loomis, and Carringer.)
Carrington, Phyllis, New York, N. Y. Sandal. 1,463,672; July 31.
Carris, Edward C., and V. F. Eppel, Washington, Iowa; said Carris assignor to said Eppel. Radiator-holding machine. 1,469,176; Sept. 25.
Carroll, Arthur B., assignor to Baumgarten & Co. Incorporated, Baltimore, Md. Inking pad. 1,474,143; Nov. 13.
Carroll, Clyde H. (See Evans, John, assignor.)
Carroll, Elbert H., assignor to Morgan Construction Company, Worcester, Mass. Clutching mechanism for wire-drawing blocks. 1,464,028; Aug. 7.
Carroll, George P. (See Hapgood, Cyrus H., assignor.)

Carroll, George P., Hartford, Conn. Safety-controlling mechanism for compressing machines. 1,445,751; Feb. 20.
Carroll, George P., Hartford, Conn. Controlling means for fluid-circulating apparatus. 1,445,752; Feb. 20.
Carroll, George P., Hartford, Conn. Multispeed refrigerating apparatus. 1,445,753; Feb. 20.
Carroll, Henry R. (See Crider, Walter R., assignor.)
Carroll, Houston M., sr., San Antonio, Tex. Denture. 1,451,533; Apr. 10.
Carroll, James H., Charlotte, N. C. Self-service store for a building having limited floor space. 1,474,106; Nov. 13.
Carroll, John S. (See Farrington, Harvey, assignor.)
Carroll, Louis W., Riverside, Ill., assignor of one-half to G. Muffly, Cleveland, Ohio. Directifying system. 1,475,933; Dec. 4.
Carroll, Monroe W., Beaumont, Tex. Rotary drill bit. 1,447,234; Mar. 6.
Carroll, Orlando, Catonsville, Md. Transmission lock. 1,469,620; Oct. 2.
Carroll, Stewart J., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic film and compound support. 1,441,142; Jan. 2.
Carroll, Stewart J., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether solvent and composition. 1,441,143; Jan. 2.
Carroll, Stewart J., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether composition. 1,444,331; Feb. 6.
Carroll, Stewart J., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether solvent and composition. 1,450,714; Apr. 3.
Carroll, Stewart J., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether solvent and composition. 1,450,715; Apr. 3.
Carroll, Stewart J., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether solvent and composition. 1,450,716; Apr. 3.
Carroll, Stewart J., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether solvent and composition. 1,464,169; Aug. 7.
Carroll, Stewart J., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether solvent and composition. 1,464,170; Aug. 7.
Carroll, Stewart J., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether solvent and composition. 1,467,091; Sept. 4.
Carroll, Stewart J., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether composition. 1,467,092; Sept. 4.
Carroll, Stewart J., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether composition. 1,467,093; Sept. 4.
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Carroll, Stewart J., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether composition. 1,467,101; Sept. 4.
Carroll, Stewart J., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether composition. 1,467,102; Sept. 4.
Carroll, Stewart J., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether composition. 1,467,103; Sept. 4.
Carroll, Stewart J., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether composition. 1,467,104; Sept. 4.
Carroll, Stewart J., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether composition. 1,467,105; Sept. 4.
Carroll, Stewart J., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether solvent and composition. 1,469,812; Oct. 9.
Carroll, Stewart J., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether solvent and composition. 1,469,813; Oct. 9.
Carroll, Stewart J., assignor to Eastman Kodak Company, Rochester, N. Y. Making composite films. 1,476,392; Dec. 4.
Carroll, Thomas F., Greenwich, Conn. Connector for tire chains. 1,441,483; Jan. 9.
Carroll, Thomas J., New York, N. Y. Frame. 1,465,839; Aug. 21.
Carroll, Tyler P., and E. Graff, Seattle, Wash. Reaming device. 1,470,144; Oct. 9.
Carroll, William E. (See George, J. R., and Carroll.)
Carscadin, Charles A., assignor to American Steel Foundries, Chicago, Ill. Yoke for draft gears. 1,470,809; Oct. 16.
Carson, Alexander A., Braintree, Mass. Outlet valve for water-closet tanks. 1,457,018; May 29.
Carson, Charles E., Allegan, assignor of one-fifth to F. E. Royce, Grand Rapids, Mich. Piston-ring manufacture. 1,468,355; Sept. 18.
Carson, Clarence, New Rochelle, N. Y., assignor to Johns-Manville, Incorporated. Speedometer. 1,450,939; Apr. 10.
Carson, Gates R. (See Gilmore, A. R., and Carson.)
Carson, George C., E. Coil, San Francisco, and T. S. Christensen, Nashmead, Calif. Wall construction. 1,463,759; July 31.
Carson, Henry A., St. Joseph, Mo. Resilient tire. 1,450,473; Apr. 3.
Carson, Henry A., St. Joseph, Mo. Power transmission. 1,471,589; Oct. 23.
Carson, John H. (See Kimes, E. B., and Carson.)
Carson, John H., Los Angeles, Calif. Pumping jack. 1,474,996; Nov. 20.
Carson, John R., Montclair, N. J., assignor to American Telephone and Telegraph Co. Translating circuits. 1,448,702; Mar. 13.
Carson, John R., New York, N. Y., assignor to American Telephone and Telegraph Company. Method and means for signaling with high-frequency waves. 1,449,382; Mar. 27.
Carson, John R., New York, N. Y., assignor to American Telephone and Telegraph Company. Receiving circuits for weak signal currents. 1,450,969; Apr. 10.
Carson, John R., New York, N. Y., assignor to American Telephone and Telegraph Company. Translating circuits. 1,463,795; Aug. 7.
Carson, John R., New York, N. Y., assignor to American Telephone and Telegraph Company. Translating circuits. 1,463,796; Aug. 7.
Carson, Oswald B., Brooklyn, N. Y. Display device for advertising purposes. 1,477,241; Dec. 11.
Carson, Whitfield R. (See Drefahl, L. C., and Carson.)
Carson, William W., Knoxville, Tenn. Means employed in keeping family records. 1,447,279; Mar. 6.
Carssow, Felix H., Vallejo, Calif. Optical instrument. 1,452,675; Apr. 24.
Carstens, George, Jersey City, assignor of one-fourth to H. E. Muller, Jersey City Heights, N. J. Universal conveyer chain. 1,453,702; May 1.
Carstens, Hanns, Leverkusen, and C. Hansen, Wisedorf, near Cologne, assignors to Farbenfabriken vorm. Friedr. Bayer and Co., Leverkusen, near Cologne, Germany. Disinfecting, insecticidal, and fungicidal composition. 1,457,652; June 5.
Carswell, Joseph S. (See Hammond, A. R., and Carswell.)
Carter, Arthur R., Gulfport, Miss. Engine. 1,467,528; Sept. 11.
Carter, Carnie B., Pittsburgh, Pa., and A. E. Coxe, Chicago, Ill., assignors, by mesne assignments, to S. Karpen & Bros. Producing normal and mixed ethers. 1,459,177; June 19.
Carter, Carnie B., Pittsburgh, Pa., and A. E. Coxe, Chicago, Ill., assignors, by mesne assignments, to S. Karpen & Bros. Producing esters. 1,459,971; June 26.
Carter, Clarence W., Minneapolis, Minn., assignor, by mesne assignments, to The Du-All Manufacturing Company, Cleveland, Ohio. Mop. 1,449,586; Mar. 27.
Carter, Clarence W., and J. J. Varusky, assignor to Carter-Mayhew Manufacturing Company, Minneapolis, Minn. Grain separator. 1,443,524; Jan. 30.
Carter, Clark E., Montreal, Quebec, Canada. Chain link. 1,452,476; Apr. 17.
Carter, Clark E., Montreal, Quebec, Canada, assignor to Aladdin Cinema Co. Inc., Malone, N. Y. Cinematographic machine. 1,442,647; Jan. 16.
Carter, Clark E., Montreal, Quebec, Canada, assignor to Aladdin Cinma Co., Inc., Malone, N. Y. Cord conductor. 1,442,648; Jan. 16.
Carter, Daniel G., Mosheim, Tenn. Making seamless uppers. 1,463,066; July 24.
Carter, Donald M., trustee. (See Dahl, Conrad, assignor.)
Carter, Francis A., Chicago, Ill. Spark plug. 1,451,939; Apr. 17.
Carter, George E., Circleville, Ohio. Bolt. 1,463,572; July 31.
Carter, George J., Bromborough, and L. G. McFarlane, Liverpool, England. Internal-combustion engine. 1,457,019; May 29.
Carter, George V. (See Carter, Reginald H., assignor.)
Carter, Glenn O., New Rochelle, and R. C. Pierce, New York, N. Y., assignors to The Linde Air Products Company. Method of and apparatus for welding metals. 1,477,538; Dec. 18.
Carter, Horace J., Wilmington, Del. Fabric piler. 1,475,428; Nov. 27.
Carter, Jacob U., Cardston, Alberta, Canada. Automobile door. 1,459,281; June 19.
Carter, John H., Cohoes, N. Y. Toothbrush. 1,452,108; Apr. 17.

Carter, John J., Anderson, Ind., assignor to The Remy Electric Company. Manufacture of shafts. 1,463,144; July 24.
Carter, Lester L., San Francisco, Calif. Gas and water separator for oil wells. 1,468,193; Sept. 18.
Carter, Lester L., Palo Alto, Calif. Valve. 1,470,057; Oct. 9.
Carter-Ludwig Company, The. (See Carter, Willis M., assignor.)
Carter-Mayhew Manufacturing Company. (See Carter, C. W., and Varusky, assignors.)
Carter Mayhew Manufacturing Company. (See Junkin, John C., assignor.)
Carter Radio Company et al. (See Yaxley, Ernest E., assignor.)
Carter, Ray M., Baltimore, Md., assignor to U. S. Industrial Alcohol Co. Making ester condensation products. 1,472,324; Oct. 30.
Carter, Reginald H., assignor to G. V. Carter, Cleveland, Ohio. Electric testing device. 1,454,623; May 8.
Carter, Robert E., Champaign, Ill. Battery rejuvenator. 1,468,341; Sept. 18.
Carter, Russell S., Hewlett, N. Y. Leaf spring and spring suspension. 1,475,170; Nov. 27.
Carter, Samuel C., Los Angeles, Calif. Tractor. 1,457,692; June 5.
Carter, Samuel C., Glendale, Calif., assignor, by mesne assignments, of one-half to International Motor Company. Motor truck and track structure for motor trucks. 1,446,784; Feb. 27.
Carter, Samuel W., Washington, D. C. Adjustable-pitch propeller for airplanes. 1,455,990; May 22.
Carter, Samuel W., Washington, D. C. Propeller. 1,471,590; Oct. 23.
Carter, Van Roy, Los Angeles, Calif. Transmission. 1,477,628; Dec. 18.
Carter, William C., St. Louis, Mo. Automatic temperature regulator for internal-combustion engines. 1,443,978; Feb. 6.
Carter, William Company, The. (See Redmond, Harriet L., assignor.)
Carter, William D., East Orange, N. J. Centrifugal pump. 1,456,051; May 22.
Carter, William F., Prescott, Kans. Combination airship and airplane. 1,446,334; Feb. 20.
Carter, William H., et al. (See Webb, Benjamin F., assignor.)
Carter, William H., Needham Heights, Mass. Seamless stocking and making same. 1,460,477; July 3.
Carter, William T., Hot Springs, Ark. Microscope attachment. 1,463,938; Aug. 7.
Carter, Willis M., Hoboken, N. J., assignor to The W. F. Powers Company. Mounting machine. 1,477,032; Dec. 11.
Carter, Willis M., Jersey City, assignor to The Carter-Ludwig Company, Incorporated, Hoboken, N. J. Collapsible display device. 1,454,038; May 8.
Carterett, Amos A., Jacksonville, Fla. Screen for automobile windshields. 1,443,211; Jan. 23.
Carthy, Hugh J. (See Cooper, A. R., and Carthy.)
Cartier, Inc. (See Fuchs, Emil, assignor.)
Cartlidge, Frank, Terre Haute, Ind. Cutter chain and bars for mining machines. 1,475,364; Nov. 27.
Cartlidge, Harry B., Oregon City, Oreg. Valve lifter for internal-combustion motors. 1,472,354; Oct. 30.
Cartter, William G., Monrovia, and F. W. Thompson, Arcadia, Calif. Electric water heater. 1,451,671; Apr. 10.
Cartwright, Albert D., Toledo, Ohio, assignor of one-half to J. G. Ray, Columbus, Ohio. Horseshoe. 1,474,018; Nov. 13.
Cartwright, Frank, Trenton, N. J., assignor to The George W. Blabon Company, Philadelphia, Pa. Rug. Des. 61,821; Jan. 23.
Cartwright, Frank, Trenton, N. J., assignor to The George W. Blabon Company, Philadelphia, Pa. Rug. Des. 61,822; Jan. 23.
Cartwright, Frank, Trenton, N. J., assignor to The George W. Blabon Company, Philadelphia, Pa. Rug. Des. 61,823; Jan. 23.
Cartwright, Frank, Trenton, N. J., assignor to The George W. Blabon Company, Philadelphia, Pa. Rug. Des. 61,824; Jan. 23.
Cartwright, Frank, Trenton, N. J., assignor to The George W. Blabon Company, Philadelphia, Pa. Rug. Des. 61,825; Jan. 23.
Cartwright, Horace A., Akron, Ohio. Differential gearing. 1,477,310; Dec. 11.
Cartwright, Horace A., Akron, Ohio. Differential mechanism. 1,477,311; Dec. 11.
Cartwright, John A., Caldwell, Idaho. Rotary harrow. 1,465,805; Aug. 21.
Cartwright Manufacturing Company, The. (See Cartwright, Myles H., assignor.)
Cartwright, Myles H., assignor to The Cartwright Manufacturing Company, Toledo, Ohio. Toothbrush. 1,456,535; May 29.
Cartwright, William P., Detroit, Mich., and J. F. Keller, New York, assignors to Keller Mechanical Engraving Company, Brooklyn, N. Y. Fixture for die-cutting machines and the like. 1,473,592; Nov. 6.
Carty, Frank, assignor of one-half to W. H. Biebusch, St. Louis, Mo. Concrete mold. 1,443,459; Jan. 30.
Carver, Andrew J., and J. T. Beasley, Obion, Tenn. Burglar alarm. 1,447,709; Mar. 6.
Carver Cotton Gin Company. (See McLean, Robert W., assignor.)
Carver Cotton Gin Company. (See Vardell, Arthur A., assignor.)
Carver, Fred S., Newark, N. J. Compound compression pump. 1,478,469; Dec. 25.
Carver, Fred S., East Orange, N. J. Automatic press. 1,478,699; Dec. 25.
Carver, George W., Orange, N. J., assignor to A. M. Davis, Wellesley, Mass. Package handle. 1,460,354; June 26.
Carver, James H., Schenectady, N. Y., assignor to General Electric Company. Calculator for gears. 1,476,489; Dec. 4.
Cary-Curr, Henry J., assignor to E. H. Sargent & Company, Chicago, Ill. Extraction apparatus. 1,468,961; Sept. 25.
Cary, George W., Greenfield, Mass. Valve-spring compressor. 1,450,578; Apr. 3.
Cary, George W., Greenfield, Mass. Wrench. 1,456,620; May 29.
Cary, George W., assignor to Goodell Manufacturing Company, Greenfield, Mass. Valve-spring-manipulating device. 1,467,567; Sept. 11.
Cary, Henry J., Saukville, Wis. Liquid-fuel burner. 1,444,164; Feb. 6.
Cary Manufacturing Co. (See McChesney, John S., assignor.)
Cary, William H., Brockton, Mass., assignor to Avon Sole Company, Avon, Mass. Shoe. 1,475,747; Nov. 27.
Casale Ammonia Company. (See Casale, Luigi, assignor.)
Casale, Luigi, Rome, Italy, assignor to Casale Ammonia Company, Lugano, Switzerland. Self-regulating ammonia-making process. 1,447,123; Feb. 27.
Casale, Luigi, Rome, Italy, assignor to Casale Ammonia Company, Lugano, Switzerland. Catalytic apparatus for the synthesis of ammonia. 1,478,549; Dec. 25.
Casale, Luigi, Rome, Italy, assignor to Casale Ammonia Company, Lugano, Switzerland. Catalytic apparatus for the synthesis of ammonia. 1,478,550; Dec. 25.
Casalonga, Louis D. A., Paris, and G. Miot, Vanves, France. Device for driving the bands of rolling platforms. 1,461,476; July 10.
Casamayor, Marcos, Manzanillo, Cuba. Sling releaser for transporting apparatus. 1,451,324; Apr. 10.
Casciani, Romildo, Trenton, N. J. Combination tray and condiment holder. Des. 63,024; Sept. 18.
Casciotta, Giuseppe, New York, N. Y. Plectrum piano action. 1,462,444; July 17.
Case, Arthur F., assignor to The Wellman-Seaver-Morgan Company, Cleveland, Ohio. Trimmer for boat-loading apparatus. 1,441,659; Jan. 9.
Case, Arthur F., assignor to The Wellman-Seaver-Morgan Company, Cleveland, Ohio. Material-handling apparatus. 1,442,521; Jan. 16.
Case, Arthur F., assignor to The Wellman-Seaver-Morgan Company, Cleveland, Ohio. Storage and reclaiming plant. 1,464,747; Aug. 14.
Case, Arthur F., assignor to The Wellman-Seaver-Morgan Company, Cleveland, Ohio. Material-handling apparatus. 1,475,684; Nov. 27.
Case, Calvin M., Niagara Falls, N. Y. Steering device. 1,466,612; Aug. 28.
Case, Carroll H., St. Louis County, and W. C. Farrar, St. Louis, Mo. Booster for siphons. 1,472,428; Oct. 30.
Case, Egerton R., Toronto, Ontario, Canada. Electric device for treating air. Re15,560; Mar. 13.
Case, Francis M. (See Frank, W. D., and Case.)
Case, Francis M., Cleveland, assignor to The Enterprise Manufacturing Company, Akron, Ohio. Tension oil cap for fishing reels. 1,450,738; Apr. 3.
Case, Francis M., Cleveland, assignor to The Enterprise Manufacturing Company, Akron, Ohio. Fishing reel. 1,460,151; June 26.
Case, Francis M., Cleveland, assignor, by mesne assignments, to Hoover Company, North Canton, Ohio, Brush-adjusting device for suction cleaners. 1,462,568; July 24.
Case, Francis M., Cleveland, assignor to Federal Porcelain Company, Carey, Ohio. Tube-forming machine. 1,469,584; Oct. 2.
Case, George W., and J. W. Roberts, Passaic, N. J. Making loose-wrapped folding boxes. 1,455,321; May 15.
Case, Henry J., Poughkeepsie, N. Y., assignor, by mesne assignments, to Moline Plow Company, Incorporated, Moline, Ill. Corn harvester and binder. 1,472,429; Oct. 30.
Case, Henry N., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Method and apparatus for making overlay and underlay paper. 1,445,386; Feb. 13.
Case, Henry N., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Coated paper and substance for coating the same. 1,445,387; Feb. 13.
Case, Henry N., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Method and apparatus for making overlay and underlay paper. 1,445,388; Feb. 13.
Case, Isaac H., Northmoor, Mo. Shoe. 1,465,343; Aug. 21.
Case, J. I., Threshing Machine Company. (See Caughey, Robert C., assignor.)
Case, J. I., Threshing Machine Company. (See Davies, David P., assignor.)

Case, John P., Chicago, Ill., assignor to The Brown Hoisting Machinery Company, Cleveland, Ohio. Storage bin. 1,463,307; July 31.
Case, Leona M. (See Weber, Leona M.)
Case, Lynn B., assignor to Standard Wall Paper Co., Hudson Falls, N. Y. Unit drier. 1,478,938; Tec. 25.
Case, Mason, Los Angeles, Calif. Doll or statuette. Des. 63,072; Oct. 2.
Case, Rolland T., La Crosse, Wis. Apparatus for forming dental inlay castings. 1,474,620; Nov. 20.
Case, Theodore W., Scipio, N. Y. Apparatus for recording light. 1,455,074; May 15.
Case, William C., Dexter, N. Y. Eaves trough. 1,443,212; Jan. 23.
Casey, Charles C., Detroit, Mich. Display stand. 1,446,450; Feb. 27.
Casey, Charles C., Detroit, Mich. Tow-compartment tray. 1,476,750; Dec. 11.
Casey, Charles C., assignor to Work-Organizer Specialties Company, Detroit, Mich. Compartment tray. 1,475,983; Dec. 4.
Casey, Dennis A., New Orleans, La. Bituminous mixture. 1,466,928; Sept. 4.
Casey Hedges Co. (See Stimmel, Frederick C., assignor.)
Casey, Henry J., Portland, Oreg. Road tractor. 1,445,754; Feb. 20.
Casey, William, Tulsa, Okla. Fishing tool. 1,450,541; Apr. 3.
Casey, William P., assignor to The Router Manufacturing Company, Oshkosh, Wis. Tool. 1,464,351; Aug. 7.
Casgrain, Louis A., Beverly, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Machine for laying the soles of boots and shoes. 1,447,235; Mar. 6.
Casgrain, Louis A., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon the soles of shoes. 1,451,679; Apr. 17.
Casgrain, Louis A., Beverly, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Heel-breasting machine. 1,475,793; Nov. 27.
Casgrain, Louis A., Beverly, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating on heels. 1,475,794; Nov. 27.
Casgrain, Louis A., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon heels. 1,475,795; Nov. 27.
Cash, Arthur L. (See Short, C. R., and Cash.)
Cash, Arthur W., assignor to H. A. Sellers, Decatur, Ill. Kite. 1,452,956; Apr. 24.
Cashiko Machine Company. (See Kovar, J. H., Schimek, and Cavedon, assignors.)
Cashiko Machine Company. (See Schimek, Joseph F., assignor.)
Cashman, Clarence G., assignor to Cashman Tool Company, Waynesboro, Pa. Reamer head. 1,447,922; Mar. 6.
Cashman Tool Company. (See Cashman, Clarence G., assignor.)
Cashmer, Jacob, Denver, Colo., assignor, by mesne assignments, to Universal Safety Washout Plug Company. Washout plug for boilers. 1,453,916; May 1.
Casini, Alessandro. (See Gasparri, G., and Casini.)
Caskey, Albert F., Tiffin, Ohio. Antiglare attachment. 1,477,312; Dec. 11.
Caskey-Dupree Manufacturing Company, The. (See Kunkle, Bayard D., assignor.)
Caskey-Dupree Manufacturing Company, The. (See Kunkle, B. D. and Schafer, assignors.)
Casner, Thaddeus S., Plainfield, N. J., assignor, by mesne assignments, to G. Rawak, New York, N. Y. Secondary electric clock. 1,454,954; May 15.
Casner, Thaddeus S., Plainfield, N. J., assignor, by mesne assignments, to G. Rawak, New York, N. Y. Alarm-controling mechanism for clocks. 1,459,876; June 26.
Casner, Thaddeus S., Plainfield, N. J., assignor, by mesne assignments, to G. Rawak, New York, N. Y. Clock. 1,454,955; May 15.
Casoletti, Vittorio, Turin, Italy. Coffee making or brewing machine. 1,462,322; July 17.
Cason, Edward C. (See Lantz, J. M., and Cason.)
Caspar, Charles H., Philadelphia, Pa. Spark plug. 1,442,423; Jan. 16.
Caspary, Emil, Berlin, Germany. Ship's cabin. 1,452,026; Apr. 17.
Casper, Arthur U. (See Casper, Walter A. and A. U.)
Casper, George C., assignor of one-half to A. N. Evans, Chicago, Ill. Vehicle spring. 1,451,492; Apr. 10.
Casper, Louis, Brooklyn, N. Y. Machine for pasting and attaching labels. 1,449,495; Mar. 27.
Casper, Walter A. and A. U., Milwaukee, Wis. Stationary hose reel. 1,449,730; Mar. 27.
Cass, Christopher P. (See Adreon, R. E., and Cass.)
Cass, Frank A., assignor to South Bend Bait Co., South Bend, Ind. Fishing lure. 1,452,359; Apr. 17.
Cass, Freeman, Brooklyn, N. Y. Thread guide for textile machines. 1,457,208; May 29.
Cass, Freeman, Brooklyn, N. Y. Thread guide for spinning machines. 1,466,577; Aug. 28.
Cassady, Charles D., Orlando, Fla. Insecticide. 1,468,342; Sept. 18.
Cassano, Erminio, Wellesley, assignor to Everbest One Piece Shoe Co., Boston, Mass. Shoe. 1,468,591; Sept. 18.
Cassara, Pasquale, Bethlehem, Pa. Motor and steering control for automobiles. 1,455,570; May 15.
Cassel, Gunnar E., Stockholm, Sweden. Lock nut. 1,443,003; Jan. 23.
Cassel, Hjalmar S., Stockholm, Sweden. Bearing line for electric aerial conductors to automobile machines. 1,473,206; Nov. 6.
Cassel, John L., Winsboro, Tex. Cotton-treating machine. 1,445,755; Feb. 20.
Cassell, Louis B., Decatur, Ill. Body for automobiles. 1,476,051; Dec. 4.
Cassidy, Daniel P., et al. (See Cochran, William R., assignor.)
Cassidy, Herbert A., et al., executors. (See Smith, Robert B.)
Cassidy, Louis G. (See Darnell, E., & Cassidy.)
Cassidy, Patrick J., Arlington, Mass. Extra-spare-tire carrier. 1,447,643; Mar. 6.
Cassidy, Perry R., Plainfield, N. J., assignor to Pittsburgh Seamless Tube Company, Beaver Falls, Pa. Furnace. 1,448,194; Mar. 13.
Cassisa, Salvatore, Far Rockaway, N. Y. Shoe dressing. 1,461,696; July 10.
Cast Steel Locomotive Ash Pan Company. (See Sheehan, William M., assignor.)
Cast Steel Pilot Company. (See Pflager, Harry M., assignor.)
Castalia Gardens, Inc. (See Makepeace, Stanley, assignor.)
Castell, James H., Westminster, London, England. Lock. 1,458,520; June 12.
Castellani, Angelo, Chicago, Ill. Brick. Des. 62,880; Aug. 21.
Castellani, Angelo, Chicago, Ill. Brick. Des. 62,881; Aug. 21.
Castellani, Angelo, Chicago, Ill. Brick. Des. 62,882; Aug. 21.
Castellani, Angelo, Chicago, Ill. Brick. Des. 62,883; Aug. 21.
Castellani, Angelo, Chicago, Ill. Brick. Des. 62,884; Aug. 21.
Casterline, Stanley M. (See Kenney, C. L., and Casterline.)
Castiglioni, Aldo, Rome, Italy. Differential gear for gonometric apparatus. 1,476,591; Dec. 4.
Castiglioni, Camillo. (See Oertz, Max, assignor.)
Castile, John L., Boone, Iowa. Tank stand. 1,458,521; June 12.
Castillo, Victor, Fort Morgan, Colo. Beet loader. 1,444,829; Feb. 13.
Castle, Fred W., Huntington, W. Va. Automobile license tag. 1,443,117; Jan. 23.
Castle, George F., assignor of one-half to L. D. Castle, East Cleveland, Ohio. Accelerator for automobiles. 1,478,599; Dec. 25.
Castle, Lewis D. (See Castle, George F., assignor.)
Castle, Oliver H., Indianapolis, Ind. Condensing pump. 1,457,427; June 5.
Castle, Orrin C. (See Winans, Wesley G., assignor.)
Castle, William E., and R. L. Hansard, Graham, Tex., assignors of one-third to E. G. Bailey, Richmond, Va. Dauber. 1,472,408; Oct. 30.
Castlebury, Walter E., Dallas, Tex. Milking pail. 1,446,692; Feb. 27.
Castleman, Corbin W., Lambert, Mont. Weeder. 1,441,213; Jan. 9.
Castleman, Frank M., Rotherham, England, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Raising and lowering coal chutes. 1,469,357; Oct. 2.
Castrogiovanni, Rosario, Brooklyn, N. Y. Shoemaker's repair form. 1,461,517; July 10.
Castruccio, Giuseppe M., Chicago, Ill., assignor to The United Fig & Date Company. Blanched Brazil-nut kernel. 1,448,431; Mar. 13.
Castruccio, Giuseppe M., Chicago, Ill., assignor to The United Fig & Date Company. Treating Brazil nuts. 1,448,520; Mar. 13.
Catalano, Joseph, jr. (See Roeling, H. W., Kern, Bauer, and Catalano.)
Cataldo, Ralph F., Chelsea, Mass. Tire. 1,477,425; Dec. 11.
Cataline, Benton. (See Bower, F. A., and Cataline.)
Catanzaro, John, Framingham, Mass. Life preserver. 1,470,908. Oct. 16.
Cates, Franklin O., assignor to The Linral Company, St. Louis, Mo. Garment support. 1,466,873; Sept. 4.
Cateula, Jaime, Buenos Aires, Argentina. Cupping glass. 1,463,458; July 31.
Cathcart, Oswald J., Newburgh, N. Y. Vanity case. 1,476,282; Dec. 4.
Catlin, Charles H., et al. (See Lafever, G., and Hawley, assignors.)
Catlin, Mary J., et al. (See Lafever, G., and Hawley, assignors.)
Cato, James W., Anniston, Ala. Tire tube. 1,441,965; Jan. 9.
Cato, Joseph L., Elmhurst, assignor to L-W-F Engineering Company Inc., College Point, N. Y. Internal-combustion engine. 1,441,329; Jan. 9.

Catron, Fletcher M. (See Sherman, J. W., and Catron.)
Cats, Frederick D., Bishop, Calif. Air spring. 1,445,486; Feb. 13.
Cattier, Raymond E., Paris, France. Portable folding seat. 1,452,869; Apr. 24.
Cattoni, Albino, Bradford, Pa. Device for setting and removing tires. 1,442,649; Jan. 16.
Caudle, Theron L., Wadesboro, N. C. Garment supporter. 1,445,748; Feb. 20.
Cauffield, George W. (See Lilley, D. E., and Cauffield.)
Caughey, Arnott S. (See Miebach, H. E., and Caughey.)
Caughey, Robert C., Dixon, Ill., assignor, by mesne assignments, to J. I. Case Threshing Machine Company, Racine, Wis. Plowframe. 1,464,199; Aug. 7.
Caulfeild, William H. (See Fowler, A. M., and Caulfeild.)
Caulfield, Edward W., Taylor, Tex. Slack take-up for valve mechanism. 1,457,819; June 5.
Causey, Alma E. (See Denman, A. J., and Causey.)
Cauthen, John W., Kannapolis, N. C. Stop motion for spinning frames. 1,475,220; Nov. 27.
Cavanagh, Edward M., and R. E. McFarlane, Ottawa, Ontario, Canada. Air brake for trains. 1,461,968; July 17.
Cavanagh, John, South Norwalk, Conn., assignor to The Crofut & Knapp Company, New York, N. Y. Hatbox. 1,472,430; Oct. 30.
Cavanagh, Patrick J., Petone, New Zealand. Means for use in the discharging of coal and other materials from ships' holds, trucks, or the like. 1,468,003; Sept. 18.
Cavanaugh, Andrew F., Dayton, Ohio. Automobile lock. 1,471,382; Oct. 23.
Cavanaugh, Harry F., T. S. Hall, and A. L. Oliver, Oakland, assignors to Wonder Portable Dish Washer Company, Emeryville, Calif. Dishwashing-machine casing. Des. 62,473; June 12.
Cave, Henry, Hartford, Conn. Novelty attachment for vehicles. 1,450,278; Apr. 3.
Cave, Henry, Hartford, Conn. Drying apparatus for clothes. 1,452,066; Apr. 17.
Cave, Walter T., Redditch, assignor of two-thirds to F. E. Baker, Birmingham, Warwick, England. Piston for internal-combustion and other engines. 1,478,733; Dec. 25.
Cavedon, Alexander. (See Kovar, J. H., Schimek, and Cavedon.)
Cavenaugh, Fairbank, Chicago, Ill. Wastebasket. 1,443,525; Jan. 30.
Caverno, Arthur. (See Meredith-Jones, Hubert, assignor.)
Cavers, Walter. (See Bromley, T. C., and Cavers.)
Cavicchi, Ercole, Quincy, Mass. Rotary grinding or polishing tool. 1,470,957; Oct. 16.
Cavicchioli, Dante, New York, N. Y. Toy shooter. 1,468,004; Sept. 18.
Cavicchioli, Dante, New York, N. Y. Toy shooter. 1,469,990; Oct. 9.
Cavilla, Rogelio J., New York, N. Y. Egg boiler. 1,478,939; Dec. 25.
Cawthra, Albert B., Worcester, Mass. Surgical support. 1,474,927; Nov. 20.
Cawthron, George, Redwood City, Calif., assignor to Axford and De Shields, San Jose, Calif. Door knocker. Des. 63,611; Dec. 25.
Cazenove, James O. H., New York, N. Y. Mixer. 1,472,292; Oct. 30.
Ceasar Resilient Tire Corporation. (See Di Cesare, Pierino, assignor.)
Cederberg, Ivar W., Berlin, Germany. Apparatus and method for carrying out catalytic oxidation of ammonia with oxygen. 1,452,145; Apr. 17.
Cederberg, Ivar W., Lidingo-Brevik, near Stockholm, Sweden, assignor to Norsk Hydro-Elektrisk Kvaelstofaktieselskab, Christiania, Norway. Catalyzer for the synthetic manufacture of ammonia and producing same. 1,452,027; Apr. 17.
Cederberg, Ivar W., Lidingo-Brevik, near Stockholm, Sweden, assignor to Norsk Hydro-Elektrisk Kvaelstofaktieselskab, Christiania, Norway. Manufacture of ammonia. 1,476,283; Dec. 4.
Cederberg, Ivar W., Berlin-Steglitz, Germany, assignor to Norsk Hydro-Elektrisk Kvaelstofaktieselskab, Christiania, Norway. Purifying gases for ammonia synthesis. 1,478,889; Dec. 25.
Cederblom, Rarnar. Youngstown, Ohio. Boiler. 1,453,703;
Cederholm, Halford S., assignor of one-half to E. J. Hyams, Wellington, New Zealand. Gas igniter. 1,447,532; Mar. 6.
Cederquist, Nils H., Los Angeles, Calif. Adjustable propeller ferrule and wood-holding device. 1,462,083; July 17.
Cedillo, Nicasio, assignor to C. E. Reed, Houston, Tex. Recoil-operated firearm. 1,453,439; May 1.
Cee Dee Mfg. Co. (See Cummings, Joseph A., jr., assignor.)
Celano, Sem S., assignor of one-half to C. Scafida, New York, N. Y. Dispensing device. 1,465,840; Aug. 21.
Celinski, Stephen, Buffalo, N. Y. Lens for an automobile headlight. Des. 61,927; Feb. 13.
Celite Company, The. (See Thatcher, Harry S., assignor.)
Cellarius, Frederick A., San Francisco, Calif. Device for clamping and holding papers, etc. 1,476,951; Dec. 11.
Cellea, Christy A. (See Moran, H. N., and Cellea.)
Celler, Arthur, Brooklyn, N. Y. Soap dissolver and agitator. 1,460,704; July 3.
Celluloid Company, The. (See Lindsay, William G., assignor.)
Celona, Ignatius J., Brooklyn, N. Y. Receptacle closure and making the same. 1,478,171; Dec. 18.
Cement-Gun Construction Company. (See Beeby, Frank F., assignor.)
Centerbar, Lorenzo R., Fitchburg, Mass. Toy. 1,452,109; Apr. 17.
Centerbar, Lorenzo R., Fitchburg, Mass. Corner joint for frames. 1,461,440; July 10.
Central Brass and Fixture Company, The. (See Crabill, P. P., and Turner, assignors.)
Central Commercial Co. (See Wardell, Henry R., assignor.)
Central Electric Tool Company. (See Hampton, George E., assignor.)
Central Electric Tool Company. (See Weyandt, Carl S., assignor.)
Central Foundry Company, The. (See Burgess, Walter E., assignor.)
Central Frog and Switch Company, The. (See Ashton, George, assignor.)
Central Oil & Gas Stove Company. (See White, Fred E., assignor.)
Central Railway Signal Company. (See Bemisderfer, Harvey O., assignor.)
Central Railway Signal Company. (See Brown, F. W., and Marshall, assignors.)
Central Railway Signal Company. (See Dutcher, Frank, assignor.)
Central Railway Signal Company. (See Pfeil, Elmer C., assignor.)
Central Scientific Company. (See de Khotinsky, Achilles, assignor.)
Central Stamping Co., The. (See Schieber, Robert E., assignor.)
Central Stamping Company. (See Kleist, Arthur F., assignor.)
Central Station Steam Company. (See Redfield, John V., assignor.)
Central Talking Machine Shop. (See Hadley, Walter C., assignor.)
Central Trust Company of Illinois, executor. (See Goss, Samuel G.)
Central Wisconsin Trust Company, executor. (See Putnam, William H.)
Centrifugal National Concentrator Company. (See Eccleston, Charles W., assignor.)
Century Machinery Corporation. (See Schmelzer, Anton C., assignor.)
Century Rubber Works. (See Venn, Charles J., assignor.)
Cermak, Jerome F., Brooklyn, N. Y. Time switch. 1,463,253; July 31.
Černý, Josef, Leominster, Mass. Combination penholder and safety collar. Des. 63,553; Dec. 18.
Cerrato, Luis, Florida, Argentina. Wheel bearing. 1,457,653; June 5.
Cervelli, Blanche, San Francisco, Calif. Reducing garment. 1,457,147; May 29.
Cesoni, Francesco, and A. Lirussi, Vigevano, Italy. Arrangement for drawing frames in spinning machines. 1,459,572; July 19.
Chabot, Joseph O., assignor to Geo. L. Paine Co., North Attleboro, Mass. Belt buckle. 1,455,831; May 22.
Chabot, Joseph O., assignor to George L. Paine Company, North Attleboro, Mass. Separable button. 1,461,009; July 3.
Chace, John B., South Attleboro, Mass. Braiding machine. 1,441,782; Jan. 9.
Chace, John B., South Attleboro, Mass. Fuel-mixing device for internal-combustion engines. 1,448,828; Mar. 20.
Chadeloid Chemical Company. (See Brooks, Benjamin T., assignor.)
Chadwick, Alfred, assignor to The Andrew B. Hendryx Co., New Haven, Conn. Bird cage. 1,477,941; Dec. 18.
Chadwick, Harvey A., and R. A. Greene, assignors to Otis Bed Mfg. Company, Buffalo, N. Y. Feather renovator. 1,448,521; Mar. 13.
Chadwick, John W., Kansas City, Mo. Portable gas meter. 1,456,621; May 29.
Chadwick, Lawrence. (See Barrie, W. S., and Chadwick.)
Chadwick, Lee S., East Cleveland, Ohio. Internal-combustion engine. 1,444,778; Feb. 13.
Chadwick, Lee S., Shaker Heights, assignor to The Cleveland Metal Products Company, Cleveland, Ohio. Adjustable support for burners and the like. 1,441,660; Jan. 9.
Chadwick, Lee S., Shaker Heights Village, Ohio, assignor to The Cleveland Metal Products Company, Cleveland, Ohio. Burner flue. 1,443,947; Feb. 6.
Chadwick, Lee S., Shaker Heights, assignor to The Cleveland Metal Products Company, Cleveland, Ohio. Liquid-fuel stove. 1,448,333; Mar. 13.
Chadwick, Lee S., Shaker Heights, assignor to The Cleveland Metal Products Company, Cleveland, Ohio. Automatically-adjusted wick stop for oil burners. 1,471,539; Oct. 23.

Chadwick, Lee S., Shaker Heights, assignor to The Cleveland Metal Products Company, Cleveland, Ohio. Automatic wick stop for oil burners. 1,471,540; Oct. 23.

Chadwick, Lee S., Shaker Heights, assignor to The Cleveland Metal Products Company, Cleveland, Ohio. Automatic wick adjustment for liquid-fuel burners. 1,471,541; Oct. 23.

Chadwick, Lee S., Shaker Heights, assignor to The Cleveland Metal Products Company, Cleveland, Ohio. Automatic wick stop. 1,471,542; Oct. 23.

Chadwick, Lee S., Shaker Heights, assignor to The Cleveland Metal Products Company, Cleveland, Ohio. Wick-stop mechanism for oil burners. 1,471,543; Oct. 23.

Chadwick, Lee S., assignor to The Cleveland Metal Products Company, Cleveland, Ohio. Oil burner. 1,443,946; Feb. 6.

Chaffee, Emory L., Belmont, assignor to J. H. Hammond, jr., Gloucester, Mass. Receiving system for radiant energy. 1,469,889; Oct. 9.

Chaffin, Charles E., assignor to The General Engineering Company, New York, N. Y. Valve-actuating mechanism. 1,450,158; Mar. 27.

Chaffin, T. B. (See Butler, John R., assignor.)

Chaffin, William, Huntington, W. Va., assignor to H. B. Crowell and C. C. Crowell, Plattsburg, N. Y. Bottle or jar seal. 1,454,699; May 8.

Chagnon, Moise C., Derby, Conn. Emergency wheel. 1,447,758; Mar. 6.

Chain Belt Company. (See Hoya, Clarence A., assignor.)

Chain Belt Company. (See Merwin, John C., assignor.)

Chain Belt Company. (See Montague, W. L., and Welser, assignors.)

Chain Belt Company. (See Roddy, Gustav R., assignor.)

Chain Belt Company. (See Shafer, Samuel, jr., assignor.)

Chakov, Sievel, Philadelphia, Pa. Handle. 1,473,922; Nov. 13.

Chalas, Adolphe, Neuilly, France. Preparing of dry and soluble extract of roasted coffee. 1,478,940; Dec. 25.

Chalfant, Besse P. (See Chalfant, John R. M. and B. P.)

Chalfant, Frank, Fort Wayne, Ind. Fluid receptacle. 1,445,869; Feb. 20.

Chalfant, John R. M. and B. P., Morgantown, W. Va. Washboiler. 1,454,537; May 8.

Challenge Cutlery Corporation. (See Primrose, William E., assignor.)

Challenge Machinery Company, The. (See Lee, James E., assignor.)

Challenge Refrigerator Company. (See Hillman, Herbert H., assignor.)

Challenger, George H., assignor to Vickers Limited, Westminster, London, England. Mounting for small-caliber guns. 1,443,677; Jan. 30.

Challis, Herbert D., Sewickley, Pa. Golf club. Des. 63,284; Nov. 20.

Challis, Herbert D., Pittsburgh, and S. J. Williamson, Sewickley, Pa. Golf club. 1,454,267; May 8.

Chalman, John E., assignor to Union Special Machine Company, Chicago, Ill. Folder for sewing machines. 1,443,118; Jan. 23.

Chalman, John E., assignor to Union Special Machine Company, Chicago, Ill. Adjustable center-plait holder. 1,478,023; Dec. 18.

Chalmers, George W., Summit, Ill., assignor to Corn Products Refining Company, New York, N. Y. Can-testing apparatus. 1,456,094; May 22.

Chalmers, Harvey, assignor to Harvey Chalmers & Son, Amsterdam, N. Y. Button-cutting machine. 1,442,794; Jan. 23.

Chalmers, Harvey, & Son. (See Chalmers, Harvey, assignor.)

Chalmers, John, Vancouver, British Columbia, Canada. Hot-air furnace. 1,453,063; Apr. 24.

Chalus, Frank J. (See Folkman, Morris, assignor.)

Chamberlain, Minor E., St. Louis, Mo. Vehicle wheel. 1,442,047; Jan. 16.

Chamberlain, Walter W., Watertown, N. Y. Nonskidding device. 1,471,544; Oct. 23.

Chamberlin, Ralph G. (See Campbell, J. F., and Chamberlin.)

Chambers, Allen, et al. (See Chambers, Mack and Y. W., assignors.)

Chambers, Arthur B., Memphis, Tenn. Door or gate latch. 1,457,962; June 5.

Chambers Brothers Company. (See King, Howard K., assignor.)

Chambers Brothers Company. (See Staley, Raleigh H., assignor.)

Chambers, Edward, Winchester, England. Trousers presser. 1,470,376; Oct. 9.

Chambers, Edward, Winchester, England. Fastening or locking device for trousers presses. 1,473,207; Nov. 6.

Chambers, Edward C., Jacksonville, Fla. Sprinkler 1,467,601; Sept. 11.

Chambers, James C., St. Louis, Mo. Motion-picture-projecting machine. 1,448,357; Mar. 13.

Chambers, James H., Calwa, Calif. Shock absorber. 1,443,617; Jan. 30.

Chambers, John A., assignor of one-half to J. A. Clark, Newburg, Mo. Pipe. 1,456,762; May 29.

Chambers, John E., et al. (See Chambers, Mack and Y. W., assignors.)

Chambers, John E., Shelbyville, Ind. Cooking stove. 1,469,890; Oct. 9.

Chambers, Mack and Y. W., assignors of one-fifth to J. E. Chambers, one-fifth to P. Tansil, and one-fifth to A. Chambers, East St. Louis, Ill. Lifeboat. 1,449,731; Mar. 27.

Chambers, Marcus S., London, England. Puzzle. 1,471,943; Oct. 23.

Chambers, Paul E., Walsen, Colo. Rail-bending device. 1,453,917; May 1.

Chambers, Peter. (See Fisher, W. H., and Chambers.)

Chambers, William L., Eden, Utah. Wheel-rim adjuster. 1,451,976; Apr. 17.

Chambers, Yancy W. (See Chambers, Mack and Y. W.)

Chambon, Louis. (See Letort, A., and Chambon.)

Chamon, Louis E., Paris, France. Variable-power brake. 1,442,250; Jan. 16.

Champ, Guy H., and G. E. O. Kay, Warwick, assignors to J. B. Brooks and Company Limited, Birmingham, England. Motor-cycle and like saddle. 1,473,462; Nov. 6.

Champagne, Henry J., Pittsfield, Mass. Inkwell. 1,468,067; Sept. 18.

Champion, Albert, and A. Schmidt, assignors to Champion Ignition Company, Flint, Mich. Spark plug. 1,441,783; Jan. 9.

Champion Blower & Forge Company. (See Long, Charles B., assignor.)

Champion Coated Paper Company, The. (See Reedy, John H., assignor.)

Champion Corset Company. (See McCormick, Sara W. and H. M., assignors.)

Champion Ignition Company. (See Champion, A., and Schmidt, assignors.)

Champion Machine & Forging Company, The. (See Greve, Louis W., assignor.)

Champion, Raymond W., Philadelphia, Pa. Weather seal for thresholds. 1,468,958; Sept. 25.

Champion Shoe Machinery Company. (See Dobyne, Stephen A., assignor.)

Champlain Silk Mills. (See Belanger, Theodose, assignor.)

Champlin, Charles A., assignor of 35 per cent to R. E. Rutledge, Hope, Ark. Animal trap. 1,462,739; July 24.

Champlin, Frank A., et al. (See Dewey, Edward H., assignor.)

Champlin, Franklin J., Pittsfield, Mass., assignor to General Electric Company. Voltage-regulating system. 1,453,491; May 1.

Champlin, Tint, Little Valley, N. Y. Knife. 1,463,573; July 31.

Champlin, Tint, Little Valley, N. Y. Knife. 1,472,826; Nov. 6.

Chance, Thomas M., Philadelphia, Pa. Producing fluid-separating mediums and fluid-separating medium produced thereby. 1,462,881; July 24.

Chance, Thomas M., Philadelphia, Pa. Agglomerating or cementing granular materials. 1,471,645; Oct. 23.

Chance, Thomas M., Philadelphia, Pa. Agglomerating or cementing granular material. 1,471,646; Oct. 23.

Chance, Thomas M., Philadelphia, Pa. Composition of matter produced by agglomerating or cementing granular materials. 1,471,647; Oct. 23.

Chandeysson, Pierre I., St. Louis, Mo. Brush-holding means for electric motors. 1,465,709; Aug 21.

Chandler, David G., Racine, Wis. Vulcanizer. 1,450,794; Apr. 3.

Chandler, Edward M., New Kensington, Pa. Attachment for utensils. 1,473,335; Nov. 6.

Chandler, Elbert G., Portland, Oreg. Railway truck. 1,470,958; Oct. 16.

Chandler, Ethelbert W., Portland, Oreg. Combination switch. 1,473,463; Nov. 6.

Chandler, Homer P., assignor to The Ohio Brass Company, Mansfield, Ohio. Support for trolley conductors. 1,448,195; Mar. 13.

Chandler, Homer P., assignor to The Ohio Brass Company, Mansfield, Ohio. Conductor support. 1,461,750; July 17.

Chandler, Homer P., assignor to The Ohio Brass Company, Mansfield, Ohio. Conductor support. 1,461,751; July 17.

Chandler, Homer P., assignor to The Ohio Brass Company, Mansfield, Ohio. Conductor support. 1,461,752; July 17.

Chandler, Homer P., assignor to The Ohio Brass Company, Mansfield, Ohio. Conductor holder. 1,461,753; July 17.

Chandler, Homer P., assignor to The Ohio Brass Company, Mansfield, Ohio. Conductor support. 1,465,344; Aug. 21.

Chandler, Homer P., assignor to The Ohio Brass Company, Mansfield, Ohio. Conductor support. 1,471,545; Oct. 23.

Chandler, Homer P., assignor to The Ohio Brass Company, Mansfield, Ohio. Conductor support. 1,471,546; Oct. 23.

Chandler, John, Sterling, Mass. Fruit-box press. 1,448,790; Mar. 20.

Alphabetical list of patentees—Continued.

Chandler, Milford G., Chicago, assignor, by mesne assignments, to L. A. Williams, Evanston, and C. B. Camp, Chicago, Ill., joint trustees. Carburetor. 1,443,343; Jan. 30.

Chandler and Price Company, The. (See Tyler, Ralph S., assignor.)

Chandler, Theodore R., Davenport, Iowa. Car-door hanger. 1,455,044; May 15.

Chaney, Caryl E., Detroit, Mich. Magnetic repulsion or attraction relay. 1,447,236; Mar. 6.

Chaney, George W. (See Sink, W. F., and Chaney.)

Chaney, Lee F., Springfield, Ohio. Radiator indicator. 1,466,117; Aug. 28.

Chaney, Lee F., assignor to The Chaney Manufacturing Company, Springfield, Ohio. Gas jet. 1,458,030; June 5.

Chaney, Lee F., assignor to The Chaney Manufacturing Company, Springfield, Ohio. Air-control valve. 1,462,263; July 17.

Chaney, Lee F., assignor to The Chaney Manufacturing Company, Springfield, Ohio. Making thermometer bulbs. 1,474,403; Nov. 20.

Chaney Manufacturing Company, The. (See Chaney, Lee F., assignor.)

Chaney, William D., Hillsboro, Ohio. Rice-hulling machine. 1,443,213; Jan. 23.

Chanier, Gaston L., Short Hills, N. J., assignor to Pathe Exchange, Inc., New York, N. Y. Method and apparatus for producing distorted images. 1,457,209; May 29.

Chanier, Gaston L., Short Hills, and A. L. Adatte, Plainfield, N. J., assignors to Pathe Exchange, Inc., New York, N. Y. Film-drying apparatus. 1,473,542; Nov. 6.

Chanonhouse, Frederick S., Malden, assignor to John L. Whiting-J. J. Adams Co., Boston, Mass. Brush and making the same. 1,465,893; Aug. 21.

Chapin, Alfred H., et al. (See Smith, Hazor J., assignor.)

Chapin, William A. (See Ray, A. J., and Chapin.)

Chaplin, Claire, New York, N. Y. Window dog kennel. 1,460,945; July 3.

Chapman, A. M. (See Le Vie, Wilfred J., assignor.)

Chapman, Albert B., et al. (See Ehmke, Albert E., assignor.)

Chapman, Albert K., and G. A. Riggs, assignors to Eastman Kodak Company, Rochester, N. Y. Film clip. 1,454,213; May 8.

Chapman, Alfred W., assignor to The Donley Brothers Company, Cleveland, Ohio. Package-receiver lock. 1,478,552; Dec. 25.

Chapman, Arthur G., East Orange, N. J., assignor to American Telephone and Telegraph Company. Electrical testing system. 1,476,689; Dec. 11.

Chapman, Arthur W., and F. G. L. Biddlecombe, London, England. Movable seat for vehicles. 1,444,660; Feb. 6.

Chapman, Charles A., Grinnell, Iowa. Hay derrick. 1,461,307; July 10.

Chapman, Charles E., Chicago, Ill. Automatic adjustable shelf tray. 1,442,424; Jan. 16.

Chapman, Charles E., assignor of one-half to J. Goodfellow, Fort Edward, N. Y. Priming device for internal-combustion engines. 1,460,886; July 3.

Chapman, Charles T., Terre Haute, Ind. Cutter head for coal drills. 1,443,344; Jan. 30.

Chapman, Corwin C., Palo Alto, assignor to A. Taylor, San Francisco, Calif. Radiotelegraphy signaling system. 1,454,624; May 8.

Chapman, Earle E., Los Angeles, Calif., assignor to Miller-Chapman Company. Shackle for automobile wheels and spokes. 1,463,387; July 31.

Chapman, Earle E., assignor to Miller-Chapman Company, Los Angeles, Calif. Auto theft signal. 1,469,772; Oct. 9.

Chapman, Earle E., Los Angeles, Calif., assignor to Miller-Chapman Company. Wire-rope shackle for automobile wheels. 1,472,155; Oct. 30.

Chapman, Edward H., Bethlehem, Pa. Tube-milling machine. 1,475,171; Nov. 27.

Chapman Engineering Company. (See Chapman, William B., assignor.)

Chapman, Frank, Winamac, Ind., assignor of one-fourth to S. Chapman and one-fourth to W. Chapman. Water motor. 1,470,909; Oct. 16.

Chapman, Frank C., Modesto, Calif. Revolving carriage for driers. 1,458,393; June 12.

Chapman, Frank H., assignor to Toledo Scale Company, Toledo, Ohio. Pivot bearing. 1,470,665; Oct. 16.

Chapman, Frank J., and J. F. Brennan, Paterson, N. J. Strip marking and measuring machine. 1,456,763; May 29.

Chapman, George H., Chicago, Ill. Stop-actuating device for pipe organs, etc. 1,465,418; Aug. 21.

Chapman, George H., Chicago, Ill. Electric switch. 1,465,419; Aug. 21

Chapman, George H., Chicago, Ill. Piston switch. 1,465,420; Aug. 21.

Chapman, Herman C., Leamington, Ontario, Canada. Headlight dimmer. 1,443,727; Jan. 30.

Chapman, Howard D., Baltimore, Md. Ratchet screw driver. 1,463,418; July 31.

Chapman, Ira S., Venice, and C. E. Mort, Rialto, Calif. Radiator and producing same. 1,454,425; May 8.

Chapman, James, Auckland Park, Johannesburg, Transvaal, and W. F. B. Reynolds, Johannesburg, Transvaal, South Africa. Sluice valve. 1,471,944; Oct. 23.

Chapman, John C., assignor to The Whitney Manufacturing Company, Hartford, Conn. Silent chain sprocket. 1,447,644; Mar. 6.

Chapman, John D., Richwood, W. Va. Machine for spraying leather. 1,456,783; May 29.

Chapman, Lemuel W., Indianapolis, Ind. Mixing device. 1,446,335; Feb. 20.

Chapman, Leo L., Fond du Lac, Wis. Film reel. 1,462,166; July 17.

Chapman, Norton W., assignor to The Guilford Mfg. Co., Guilford, Conn. Manicure buffer. 1,452,067; Apr. 17.

Chapman, Samuel, Cleveland, Ohio. Window seating attachment. 1,450,353; Apr. 3.

Chapman, Samuel E., San Mateo, Calif. Catapult. 1,455,075; May 15.

Chapman, Sylvester, et al. (See Chapman, Frank, assignor.)

Chapman, Wilbert, et al. (See Chapman, Frank, assignor.)

Chapman, William B., New York, N. Y., assignor, by mesne assignments, to Chapman Engineering Company, Mount Vernon, Ohio. Gas producer. 1,441,330; Jan. 9.

Chapman, William C., St. Paul, Minn. Metallic tread for pneumatic tires. 1,443,167; Jan. 23.

Chappatte, Joseph E., Narberth, Pa. Tassel and pendant. 1,453,440; May 1.

Chappell, Arthur E., Waukegan, Ill. Producing simulated longhand-written letters. 1,463,939; Aug. 7.

Chappell, Edward, Harleston, Norfolk, England. Water-heating device. 1,443,700; Jan. 30.

Chappell, Isaac A., et al. (See Lane, George A., assignor.)

Chappell, John M., and R. E. Edmondson, Thornton, Tex. Jack support. 1,450,482; Apr. 3.

Charbeneau, Clarence A., Mount Clemens, Mich. Exposure-identification attachment for cameras. 1,473,902; Nov. 13.

Charbeneau, John H., Mount Clemens, Mich. Dispensing cabinet. Des. 62,474; June 12.

Charbonneau, Leon A., Laeken, Brussels, Belgium. Optical telegraphy. 1,463,797; Aug. 7.

Chard, William H. (See Hills, W. F., and Chard.)

Chard, William H., Paicines, and W. F. Hills, Mountain View, Calif. Spark plug. 1,441,397; Jan. 9.

Charest, Donat, and A. Lapointe, Hull, Quebec, Canada. Safety-rule holder. 1,442,127; Jan. 16.

Charland, Louis J., Richmond, Vt., assignor to The Borden Company, New York, N. Y. Can-soldering machine. 1,470,146; Oct. 9.

Charles, Clement D., New York, N. Y. Circular-saw machine. 1,455,426; May 15.

Charles, Edward S., Berwyn, Ill., assignor to International Harvester Company. Ensilage-cutter-knife adjustment. 1,452,289; Apr. 17.

Charles, Harold, and I. A. Jacobs, Leederville, near Perth, Western Australia, Australia. Machine for dispensing beverages from the bulk. 1,471,945; Oct. 23.

Charles, Theophile, New York, N. Y. Apparatus for manufacturing hair goods. 1,454,956; May 15.

Charleston Electrical Supply Company. (See Lewis, Henry C., assignor.)

Charlesworth, Fred H., St. Paul, Minn. Casket. 1,451,009; Apr. 10.

Charlet, Hans, Krefeld, Germany. Inherently-regulated direct-current dynamos. 1,462,226; July 17.

Charlier, Louis, Jemeppe-sur-Meuse, Belgium. Trapdoor for storage and delivery apparatus. 1,461,411; July 10.

Charling, Lewis H., Kenosha, Wis. Automobile signal. 1,460,572; July 3.

Charlton, Albert J., Lowden, Iowa. Suction muffler. 1,445,934; Feb. 20.

Charlton, Albert J., Lowden, Iowa. Combined cooling and carbureting system for internal-combustion engines. 1,458,974; June 19.

Charlton, Harold, Chicago, Ill. Tumbler lock. 1,470,810; Oct. 16.

Charlton, Harry W., and R. N. Shreve, assignors to American Potash Corporation, New York, N. Y. Alkali-metal product and producing the same. 1,452,185; Apr. 17.

Charlton, Harry W., and R. N. Shreve, assignors to American Potash Corporation, New York, N. Y. Accelerating agent in potash recovery. 1,452,186; Apr. 17.

Charlton, Robert W., assignor of one-half to A. F. Klumpp, Pineville, La. Contents ejector for receptacles. 1,455,322; May 15.

Charlton, Thomas, Chicago, Ill., assignor, by mesne assignments, to G. M. Studebaker, South Bend, Ind. Rotary engine. 1,456,222; May 22.

Charter, James A., Chicago, Ill. Explosive engine. 1,453,304; May 1.

Charter, James A., Chicago, Ill. Hollow metal wheel. 1,466,468; Aug. 28.

Charteris, Lillian, New York, N. Y. Animal figure or similar article. Des. 62,475; June 12.

Charters, John. (See Inhof, J. A., and Charters.)

Charuest, Pascal. (See Duchesne, H. H., and Charuest.)

Charuest, Pascal, and H. H. Duchesne, assignors to Benoit and Mathieu, Montreal, Quebec, Canada. Composition for and method of manufacturing sound amplifiers. 1,454,700; May 8.

Chase, Aurin M., Syracuse, N. Y. Endless-belt tractor. 1,472,431; Oct. 30.

Chase Companies Inc., The. (See Burt, William H., assignor.)

Chase Companies Inc. (See Gleason, Henry M., assignor.)

Chase Companies, Inc. (See Henger, Edwin W., assignor.)

Chase Companies, Inc., The. (See Keavaney, William R., assignor.)

Chase Companies, Inc. (See Recker, Adolph C., assignor.)

Chase Companies, Inc. (See Shea, Patrick J., assignor.)

Chase Companies Inc. (See Wellington, Arthur W., assignor.)

Chase, Elle R. (See Peck, W. J., and Chase.)

Chase, Elroy A., Northfield, Vt. Stone-cutting wheel. 1,455,477; May 15.

Chase, George C., South Orange, N. J., assignor to Monroe Calculating Machine Company, New York, N. Y. Calculating machine. 1,468,992; Sept. 25.

Chase, George C., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Selector mechanism for calculating machines. 1,474,238; Nov. 13.

Chase, George R., Jefferson, Oreg. Urinal. 1,458,640; June 12.

Chase, Harley E., Sycamore, Ill. Rail fastener. 1,449,810; Mar. 27.

Chase, Harry M., deceased, Green Bay, Wis.; M. H. Chase, administrator. Transmission device. 1,446,438; Feb. 20.

Chase, Henry A., Newtonville, assignor to I. C. Decatur, Malden, and L. W. Mustard, jr., Wellesley Hills, Mass. Resetting counter. 1,471,306; Oct. 16.

Chase, Horace B., jr., Paris, France. Fly for fly fishing and similar uses. 1,452,593; Apr. 24.

Chase, John C. (See Purnell, W. J., Chase, and Young.)

Chase, Joseph H., assignor to American Piano Company, New York, N. Y. Automatic tracking device. 1,443,678; Jan. 30.

Chase, Leon W., W. R. McGeachin, and J. C. Brand, assignors to Chase Plow Company, Lincoln, Nebr. Two-row lister. 1,469,751; Oct. 2.

Chase, Leon W., W. R. McGeachin, and J. C. Brand, assignors to Chase Plow Company, Lincoln, Nebr. Two-row lister. 1,469,752; Oct. 2.

Chase, March F., Cleveland, Ohio, F. E. Pierce and J. Skogmark, assignors to The Cos Process Company, Inc., New York, N. Y. Roasting sulphur-bearing materials, etc. 1,447,645; Mar. 6.

Chase, March F., Washington, D. C., F. E. Pierce and J. Skogmark, assignors to The Cos Process Company, Inc., New York, N. Y. Manufacture of sulphuric anhydride. 1,472,790; Nov. 6.

Chase, Marshall H., administrator. (See Chase, Harry M.)

Chase Plow Company. (See Chase, L. W., McGeachin, and Brand, assignors.)

Chase, Theodora L., New York, N. Y. Boudoir or private handy cabinet. Des. 61,889; Feb. 6.

Chatfield, Earl L., West Tulsa, Okla. Outlet valve for tank cars. 1,472,293; Oct. 30.

Chatfield, Henry F., Syracuse, N. Y. Chair. Des. 63,612; Dec. 25.

Chatham, George W., et al. (See Dixon, Walter B., assignor.)

Chatterley, Ernest R., Flandreau, S. Dak. Feed-bag fastener. 1,468,136; Sept. 18.

Chatterton, F. (See Watson, James H., assignor.)

Chatterton, Shelby, Newark, Ohio. Clothesline reel. 1,443,004; Jan. 23.

Chattin, Robert C., Mountain Home, Idaho. Irrigation ditcher. 1,477,033; Dec. 11.

Chaussard, Ernest, assignor to Société d'Ostique et de Mecanique de Haute Précision, Paris, France. Altimeter. 1,443,005; Jan. 23.

Chautauqua Hygienic Institute, Inc. (See Wood, Sidney C., assignor.)

Chaviara, John N. (See Gill, J. F., and Chaviara.)

Chayes, Herman E. S., New York, N. Y. Removable denture. 1,464,644; Aug. 14.

Chazen, Samuel, and C. J. Madsen, Mason City, Iowa. Hog shackler. 1,467,605; Sept. 11.

Check, Joseph M., Wilkes-Barre, Pa. Hat protector. 1,453,862; May 1.

Check, Henry M., Little Rock, Ark. Advertising machine. 1,475,540; Nov. 27.

Cheek, Tolbert F., New York, N. Y., assignor to The Phil-Har-Chee Piano Player Corporation. Pressure regulator for musical instruments. 1,455,900; May 22.

Cheesman, Clayton E., et al. (See Oberjohann, Henry F., assignor.)

Cheesman, Richard D., Chelsea, Mich., and R. C. Haff, Hagerstown, Md., assignors, by mesne assignments, to Western Precipitation Company, Los Angeles, Calif. Obtaining water-soluble potassium compounds. 1,465,841; Aug. 21.

Cheesman, Richard D., Chelsea, Mich., and R. C. Haff, Hagerstown, Md., assignors, by mesne assignments, to Western Precipitation Company, Los Angeles, Calif. Obtaining water-soluble potassium compounds. 1,465,842; Aug. 21.

Cheetham, Arthur, assignor of one-half to F. M. Bawden, Toronto, Ontario, Canada. Sheet-cutting machine. 1,458,122; June 5.

Cheetham, George A., Manchester, England, assignor to Westinghouse Electric & Manufacturing Company. Excess-demand meter. 1,453,441; May 1.

Cheever, Dwight B. (See Ecker, William B., assignor.)

Chelena, Vincent, Atlanta, Ga. Check marking and protecting device. 1,445,756; Feb. 20.

Chemical Construction Company. (See Hechenbleikner, I., and Bartholomew, assignors.)

Chemical Construction Company. (See Hechenbleikner, I., and Oliver, assignors.)

Chemical Foundation, Inc., The. (See Beckmann, Ernst, assignor.)

Chemical Foundation, Inc., The. (See Eilender, Walter L. E., assignor.)

Chemical Foundation, Inc., The. (See Fleischer, Emil, assignor.)

Chemical Foundation, Inc., The. (See Friedberger, Ernst, assignor.)

Chemical Foundation, Inc., The. (See Grünhagen, Heinrich, assignor.)

Chemical Foundation, Inc., The. (See Hildebrandt, Paul, assignor.)

Chemical Foundation, Incorporated, The. (See Joyce, A. Willard, assignor.)

Chemical Foundation, Inc., The. (See Kilian, Fritz, assignor.)

Chemical Foundation, Inc., The. (See Klages, August, assignor.)

Chemical Foundation, Inc., The. (See Landau, Max, assignor.)

Chemical Foundation Incorporated, The. (See Linz, Arthur, assignor.)

Chemical Foundation, Inc., The. (See Moeller, Willy, assignor.)

Chemical Foundation, Inc., The. (See Priem, Friedrich P., assignor.)

Chemical Foundation, Inc., The. (See Rewald, Bruno, assignor.)

Chemical Foundation, Inc. (See Riesenfeld, Ernst H., assignor.)

Chemical Foundation, Inc., The. (See Rücker, Karl, assignor.)

Chemical Foundation, Inc., The. (See Weeber, Otto, assignor.)

Chemical Foundation, Inc. (See Wiedemann, Carl, assignor.)

Chemical Foundation, Inc., The. (See Zeissler, Johannes K., assignor.)

Chemical Machinery Corporation. (See Field, Crosby, assignor.)

Chemical Works formerly Sandoz. (See Stoll, Arthur, assignor.)

Chemische Fabrik Griesheim-Elektron. (See Beck, A., Gersbach, and Weber, assignors.)

Chemische Fabrik Griesheim-Elektron. (See Laska, A. L., and Zitscher, assignors.)

Chemische Fabrik Griesheim-Elektron. (See Schwiete, August, assignor.)

Chemische Fabrik Griesheim-Elektron. (See Suchy, Robert, assignor.)

Chemische Fabrik Griesheim-Elektron. (See Wiss, Ernst, assignor.)

Chemische Fabrik Griesheim-Elektron. (See Wollner, E., and Thomas, assignors.)

Chemische Fabrik vorm. Goldenberg Geremont & Cie. (See Hamburger, Toni, assignor.)

Chemische Fabrik Weissenstein G. m. b. H. (See Baum, Gustav, assignor.)

Chenard, Emile A. R., deceased, by J. A. Chenard, executor, Bordeaux, France. Fractional distilling apparatus. 1,468,899; Sept. 25.

Chenard, Jean A., executor. (See Chenard, Emile A. R.)

Chenêau, Louis J. J. B., Paris, France. Haulage and like system and apparatus. 1,478,890; Dec. 25.

Cheney Bros. (See Schmutz, Frederick J., assignor.)

Cheney, Forest, assignor to Cheney Talking Machine Company, Chicago, Ill. Tone-arm support. 1,475,277; Nov. 27.

Cheney, Herbert W., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Motor controller. 1,450,898; Apr. 3.

Cheney, Herbert W., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Switch. 1,450,899; Apr. 3.

Cheney, Moses E. (See Blodgett, G. R., Cheney, and Hurley.)

Cheney Talking Machine Company. (See Cheney, Forest, assignor.)

Cheney Talking Machine Company. (See Hitchner, Joseph C., assignor.)

Cheney, William G., Marlboro, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Coating apparatus. 1,448,726; Mar. 20.

Alphabetical list of patentees—Continued.

Cheney, William G., Marlboro, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Assembling and lasting machine. 1,470,615; Oct. 16.
Cheramy, Inc. (See Miles, Frank J. M., assignor.)
Cheremisinoff, Gabriel A., Highland Park, Mich. Shock-absorbing disk wheel. 1,461,969; July 17.
Cherington, George T., Waukegan, Ill. Gear train for phonograph motors. 1,454,625; May 8.
Cherington, George T., Waukegan, Ill. Automatic stop for phonographs. 1,468,279; Sept. 18.
Cherne, Anthony G., Buhl, Minn. Pipe wrench. 1,444,583; Feb. 6.
Chernesky, Zotik E., Milwaukee, Wis. Portable fan. 1,442,467; Jan. 16.
Chernock, Isidore. (See Prebluda, Barney, assignor.)
Chernoff, Ida W., San Francisco, Calif. Container. 1,464,127; Aug. 7.
Cherrington, Frank W., assignor to The Jennison-Wright Company, Toledo, Ohio. Flooring. 1,465,623; Aug. 21.
Cherry, Carl W., Boston, Mass. Selenium cell or bridge. 1,447,646; Mar. 6.
Cherry, J. G., Company. (See Van Kuren, Stephen J., assignor.)
Cherry, Lester A., Kenmore, N. Y., assignor, by mesne assignments, to Manley & Barlow, Corry, Pa. Registering meter. 1,471,100; Oct. 16.
Cherry, Thomas E., Boston, Mass. Adding machine. 1,473,174; Nov. 6.
Chervin, Solomon, San Francisco, Calif. Window. 1,469,621; Oct. 2.
Chesbro, William C., St. Joseph, Mo. Automatic impression tripper for printing presses. 1,471,946; Oct. 23.
Chesebro, Denison P., New York, N. Y., assignor to American Safety Device Company. Scaffolding device. 1,440,968; Jan. 2.
Cheshire, Edward, Berlin Township, Waukesha County, Wis. Cutting mechanism. 1,463,545; July 31.
Chesnutt, John L., Long Beach, Calif. Swivel caster. 1,471,307; Oct. 16.
Cheszneky, Frank, Yukon, W. Va. Trolley hanger. 1,450,970; Apr. 10.
Chester, Frank R., Asbury Park, N. J. Advertising device. 1,458,050; June 5.
Chester Machine Co., Inc. (See Augustine, Addison E., assignor.)
Chester, Oliver W. J., Glenmaggie, Gippsland, Victoria, Australia. Tethering peg. 1,465,806; Aug 21.
Chestnut, Joe. (See Ward, Albert E., assignor.)
Chevalier, Albert, assignor to Societe du Feutre, Paris, France. Carrotting fur and hair. 1,466,698; Sept. 4.
Chevalier, John F. (See Griswold, Albert A., assignor.)
Chevalier, Joseph M. A., Versailles, P. Bourcet, and H. Regnault, Paris, France. Carburant for alcohol. 1,469,148; Sept. 25.
Chevallier, Arnold L., London, England. Automatic firearm. 1,454,039; May 8.
Chevola, Henry A. (See Mossi, C. B., and Chevola.)
Chevrette, Augustin J., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Shuttle-changing loom. 1,477,995; Dec. 18.
Chevrolet Bros. Manufacturing Co. (See Chevrolet, Louis, assignor.)
Chevrolet, Louis, assignor to Chevrolet Bros. Manufacturing Co., Indianapolis, Ind. Motor head. 1,474,511; Nov. 20.
Chicago Apparatus Co. (See Ernest, Thomas R., assignor.)
Chicago Apparatus Corporation. (See Ernest, Thomas R., assignor.)
Chicago Automatic Conveyor Co. (See Shaw, Arthur L., assignor.)
Chicago Bearing Metal Company. (See Lemme, Adolph W., assignor.)
Chicago Bridge & Iron Company. (See Ladd, C., and Windes, assignors.)
Chicago Car Seal Company. (See Rogers, Harry R., assignor.)
Chicago Engineering Supply Company. (See Maloy, James P., assignor.)
Chicago Flexible Shaft Company. (See Aeby, Louis, assignor.)
Chicago Flexible Shaft Company. (See Carlson, Axel, assignor.)
Chicago Flexible Shaft Company. (See Sjolin, Ernest, assignor.)
Chicago Fuse Mfg. Co. (See Appleton, Ernest G., assignor.)
Chicago Fuse Mfg. Co. (See McDonald, Clarence J., assignor.)
Chicago Lubricator Company. (See Beckwith, Arthur C., assignor.)
Chicago Machine & Motor Co. (See Pearson, Carl F., assignor.)
Chicago Malleable Castings Company. (See Osborn, W. M. and Wade, assignors.)
Chicago Manufacturing and Distributing Co. (See Sultemeyer, Charles F., assignor.)
Chicago Metallic Packing Co. (See Crane, John T., assignor.)
Chicago Mill and Lumber Company. (See MacGowan, William, assignor.)
Chicago Mill and Lumber Company. (See Walter, Harrison B., assignor.)
Chicago Pneumatic Tool Company. (See Callan, W. H., and Kimman, assignors.)
Chicago Pneumatic Tool Company. (See Estergreen, Oscar C., assignor.)
Chicago Pneumatic Tool Company. (See Hoffman, Leo F., assignor.)
Chicago Pneumatic Tool Company. (See Pritchard, Charles A. G., assignor.)
Chicago Pump Company. (See Jehu, Walter I., assignor.)
Chicago Railway Equipment Company. (See Busse, Edwin G., assignor.)
Chicago Railway Equipment Company. (See Hawkins, Arthur W., assignor.)
Chicago, Railway Equipment Company. (See Le Beau, Ernest A., assignor.)
Chicago Railway Equipment Company. (See Rissler, A. P., and Hamilton, assignors.)
Chicago Railway Signal and Supply Company. (See McCarthy, Daniel J., assignor.)
Chicago Railway Signal and Supply Company. (See Vogel, Eugene W., assignor.)
Chicago Shoe Machinery Company. (See Miller, Charles F., assignor.)
Chicago Stopper Company, The. (See Bragdon, Herbert J., assignor.)
Chicago Title & Trust Co., trustee. (See Langworthy, Lyman B., assignor.)
Chicago Trust Company, trustee. (See Kus, Thomas G., assignor.)
Chicago Trust Company, trustee. (See Roberts, Arthur, assignor.)
Chicago Vitreous Enamel Product Company. (See Hogenson, William, assignor.)
Chichy, August, Bagley, Minn. Tire-chain tightener. 1,467,228; Sept. 4.
Chick, Harry R., Hamble, and F. O. Helliwell and W. Plumbridge, Folkstone, England. Polishing mop or the like. 1,466,989; Sept. 4.
Chick, William C., Boston, Mass. Shaker. 1,450,279; Apr. 3.
Chickering, Horace G., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphur burner. 1,450,677; Apr. 3.
Chicoine, Louis P., Vaudreuil, Quebec, Canada. Track structure. 1,459,140; June 19.
Chicoine, Louis P., and E. Sauvè, Vaudreuil, Quebec, Canada. Rail-unloading bar. 1,444,949; Feb. 13.
Chidester, William I. (See Thomas, Edwin E., assignor.)
Chidley, Richard, Liverpool, England. Garment hanger. 1,448,256; Mar. 13.
Chidlow, David, Ridgefield, Conn., assignor to J. F. Strachan and W. S. Strachan, Montreal, Canada. Making bread. 1,450,483; Apr. 3.
Chidlow, David, Ridgefield, Conn., assignor to J. F. Strachan and W. S. Strachan, Montreal, Canada. Treating grain germ and scutellum. 1,461,703; July 10.
Chih, Cheng W., Canton, China. Calculating machine. 1,455,710; May 15.
Childers, Alexander S., Dallas, Tex. Cabinet ironing board. 1,445,129; Feb. 13.
Children's Bed Cover Fastener Company. (See Petzold, Julius A., assignor.)
Childress, Henderson P., Memphis, Tenn. Portable ventilated seat. 1,455,239; May 15.
Childress, Henderson P., Memphis, Tenn. Automobile lock. 1,467,353; Sept. 11.
Childs, Clarence E., Palo Alto, Calif. Combined wind deflector, sunshade, and side inclosure for vehicles. 1,455,991; May 22.
Childs, George J., assignor of one-fourth to W. P. Moyer, one-fourth to F. A. Bogh, and one-fourth to J. H. Holzinger, Allentown, Pa. Lock nut. 1,443,869; Jan. 30.
Childs, Wallace, Kansas City, Mo. Vehicle wheel. 1,450,484; Apr. 3.
Childs, William L., assignor to Hughes Tool Company, Houston, Tex. Backout device for drilling rigs. 1,450,249; Apr. 3.
Chile Exploration Company. (See Fink, Colin G., assignor.)
Chiles, George S., Chicago, Ill. Car truck. 1,452,187; Apr. 17.
Chiles, George S., assignor of one-half to J. W. Dalman, Chicago, Ill. Car truck. 1,457,345; June 5.
Chillingworth Engineering Corporation. (See Karlson, Gustav V., assignor.)
Chilowsky, Constantin, Paris, France. Projectile. 1,450,579; Apr. 3.
Chilowsky, Constantin, Paris, France. Apparatus for performing cycles of compression, expansion, combustion, suction, exhaust, and the like. 1,463,646; July 31.
Chilowsky, Constantin, and P. Langevin, Paris, France. Production of submarine signals and the location of submarine objects. 1,471,547; Oct. 23.
Chilson, Sumner B., Minneapolis, Minn. Register for fluid dispensers. 1,475,368; Nov. 27.
Chilton, Henry J., Chicago, Ill. Bag handle. 1,443,560; Jan. 30.
Chilton, Henry J., Chicago, Ill. Bag fitting. 1,456,721; May 29.
Chinsky, Harry H., and E. Honstetter, Brooklyn, N. Y. Spark plug. 1,453,039; Apr. 24.

Chinzeris, Peter, Atlanta, Ga. Self-locking seal for gas and other meters. 1,472,745; Oct. 30.
Chipman, Mark W., assignor to Lynn Machine Screw Company, Lynn, Mass. Clutch. 1,455,901; May 22.
Chipperfield, Walter, Hornchurch, England, assignor to A. B. Dick Company, Chicago, Ill. Duplicating machine. 1,451,142; Apr. 10.
Chipperfield, Walter, Hornchurch, England, assignor, by mesne assignments, to A. B. Dick Company, Chicago, Ill. Sheet-feeding mechanism of printing and like machines. 1,464,200; Aug. 7.
Chipperfield, Walter, Hornchurch, England, assignor, by mesne assignments, to A. B. Dick Company, Chicago, Ill. Duplicating and like printing machine. 1,468,457; Sept. 18.
Chireix, Henri, Paris, France. Receiving system. 1,462,882; July 24.
Chiron, Hippolyte M., New York, N. Y. Appliance for cleaning windows from the inside. 1,472,240; Oct. 30.
Chisholm, Clifton, assignor to The American Multigraph Company, Cleveland, Ohio. Addressing machine. 1,448,196; Mar. 13.
Chisholm, Clifton, assignor to The American Multigraph Company, Cleveland, Ohio. Drawer for address plates. 1,448,197; Mar. 13.
Chisholm, Clifton, assignor to The American Multigraph Company, Cleveland, Ohio. Addressing machine. 1,448,198; Mar. 13.
Chisholm, Clifton, assignor to The American Multigraph Company, Cleveland, Ohio. Inking device for addressing machines. 1,448,703; Mar. 13.
Chisholm, Clifton, assignor to The American Multigraph Company, Cleveland, Ohio. Delivery mechanism for printing machines. 1,448,704; Mar. 13.
Chisholm, Clifton, assignor to The American Multigraph Company, Cleveland, Ohio. Means for feeding address plates. 1,448,705; Mar. 13.
Chisholm, Clifton, assignor, by mesne assignments, to The American Multigraph Company, Cleveland, Ohio. Address-printing machine. Re15,589; May 1.
Chisholm, Clifton, assignor to The American Multigraph Company, Cleveland, Ohio. Flexible printing form. 1,451,204; Apr. 10.
Chisholm, Stanley L. (See Wilson, R. E., Parsons, and Chisholm.)
Chism, Louis W., Springfield, Mass. Traction device. 1,441,214; Jan. 9.
Chism, Louis W., Springfield, Mass. Mail receptacle. 1,444,332; Feb. 6.
Chisolm, Reuben M., New Orleans, La. Game apparatus. 1,463,871; Aug. 7.
Chittenden, Harry W., Moorland, Iowa. Traffic signal. 1,465,346; Aug. 21.
Choate, Roy E., Cedar Rapids, Iowa. Wheel. 1,473,399; Nov. 6.
Choate, William E., Westerly, R. I., assignor, by mesne assignments, to Federal Finance Corporation. Marking machine. 1,453,442; May 1.
Chochol, Joseph, and M. Dykas, Chicago, Ill. Aeroplane 1,455,427; May 15.
Chocolate Sponge Co., The. (See Laskey, William B., assignor.)
Chodubski, Leo. (See Czelusniak, T., and Chodubski.)
Chopieska, Frank S., La Crosse, Wis. Piston ring. 1,447,533; Mar. 6.
Chopin, Marcel, Nancy, assignor to himself and Societe d'Entreprise Meuniere, Paris, France. Process and apparatus for measuring the elastic properties of plastic materials, farinaceous pastes, and the like. 1,468,900; Sept. 25.
Choppa, John, New Haven, Conn. Tomato strainer. 1,451,534; Apr. 10.
Chore-Utensils Corporation of America. (See Kessler, Albert, assignor.)
Chott, Edward L., Chicago, Ill. Dental articulator. 1,452,477; Apr. 17.
Chow, Jue A., Fort Sheridan, Ill. Stop plate for slicers. 1,440,374; Jan. 2.
Chrabkow, John B., Cincinnati, Ohio. Direction indicator for vehicles. 1,448,257; Mar. 13.
Chrisman, Russell K., Syracuse, assignor to Semet-Solvay Company, Solvay, N. Y. Electrolytic apparatus. 1,477,629; Dec. 18.
Christ, Alfred W., Chicago, Ill. Roll-retaining device. 1,460,946; July 3.
Christ, Benjamin F., Idagrove, Iowa. Lifter block for motor vehicles. 1,452,188; Apr. 17.
Christen, John A., Roosevelt, assignor, by mesne assignments, to Curtiss Aeroplane and Motor Corporation, Buffalo, N. Y. Multiple control system for multi-motored aircraft. 1,454,505; May 6.
Christensen, August S., Reserve, Mont. Mowing machine. 1,449,732; Mar. 27.
Christensen, Charles C., and R. McCalpin, Chicago, Ill. Incinerator. 1,476,490; Dec. 4.
Christensen, Christian, Rye, N. Y. Method of and means for laying out blanks of plaited articles. 1,465,807; Aug. 21.
Christensen, Edna M., Winner, S. Dak. Crochet needle. 1,477,427; Dec. 11.
Christensen, Emil, Hooper, Nebr. Haystacker. 1,441,830; Jan. 9.
Christensen, Emil, Portland, Oreg. Automobile guard and bumper. 1,452,189; Apr. 17.
Christensen, Emil, Portland, Oreg. Auto sponge spray. 1,475,748; Nov. 27.
Christensen, George A., San Simeon, Calif. Fluid compressor. 1,449,315; Mar. 20.
Christensen, Harry, and E. L. Brunswick, Chicago, Ill. Light fixture. Des. 62,134; Mar. 27.
Christensen, Harry, and E. L. Brunswick, Chicago, Ill. Light stand. Des. 62,135; Mar. 27.
Christensen, Harry, and E. L. Brunswick, Chicago, Ill. Lamp stand or similar article. Des. 62,136; Mar. 27.
Christensen, Harry, and E. L. Brunswick, Chicago, Ill. Lamp. 1,455,902; May 22.
Christensen, Jens H., Sollerod, Denmark. Sensitized photographic element. 1,447,759; Mar. 6.
Christensen, Jens H., Holte, Denmark. Hardening of photographic films. 1,472,048; Oct. 30.
Christensen, John E., Chicago, Ill. Talking-machine attachment. 1,447,923; Mar. 6.
Christensen Machine Co. (See Christensen, Martin, assignor.)
Christensen, Marie. (See Ellrich, Max, assignor.)
Christensen, Martin, assignor to Christensen Machine Co., Racine, Wis. Book-stitching machine. 1,463,940; Aug. 7.
Christensen, Niels C., Salt Lake City, Utah. Treating sulphide ores of lead, silver, and copper. 1,441,063; Jan. 2.
Christensen, Niels C., Salt Lake City, Utah. Treating lead ores with chloride solutions. 1,441,064; Jan. 2.
Christensen, Niels C., Salt Lake City, Utah. Treating oxidized ores of lead. 1,441,065; Jan. 2.
Christensen, Niels C., Salt Lake City, Utah. Apparatus for the dewatering, classification, and countercurrent washing of solid particles mixed with liquids. 1,453,749; May 1.
Christensen, Niels C., Salt Lake City, Utah. Apparatus for drying granular products. 1,453,750; May 1.
Christensen, Niels C., Salt Lake City, Utah. Apparatus for the settlement of solid particles suspended in liquids. 1,458,805; June 12.
Christensen, Niels C., Salt Lake City, Utah. Method of and apparatus for making spray from liquids and commingling the same with gases. 1,462,363; July 17.
Christensen, Niels C., Salt Lake City, Utah. Concentrating oxidized ores and minerals. 1,467,354; Sept. 11.
Christensen, Niels C., Salt Lake City, Utah. Apparatus for washing and wet screening. 1,467,355; Sept. 11.
Christensen, Niels C., Salt Lake City, Utah, assignor to The Consolidated Mining and Smelting Company of Canada, Limited, Montreal, Canada. Treating ores containing galena. 1,456,784; May 29.
Christensen, Robert M., Racine, Wis. Radiator core. 1,469,407; Oct. 2.
Christensen, Roland W. (See Hagblom, A. E., and Christensen.)
Christensen, Thomas S. (See Carson, G. C., Coll, and Christensen.)
Christenson, Arthur E. (See Christenson, Sam and A. E.)
Christenson, Fred G., Brooklyn, N. Y., assignor to Pathe Freres Phonograph Company. Process and apparatus for making phonograph records. 1,442,856; Jan. 23.
Christenson, George, North Plainfield, N. J., assignor to Johns-Manville Incorporated. Process and apparatus for forming cup piston rings. 1,454,506; May 8.
Christenson, George, North Plainfield, N. J., assignor to Johns-Manville Incorporated. Making piston-rod packing. 1,466,086; Aug. 28.
Christenson, George, North Plainfield, N. J., assignor to Johns-Manville Incorporated. Composite piston packing ring and making same. 1,466,087; Aug. 28.
Christenson, Knut, Benedict, N. Dak. Road machine. 1,456,882; May 29.
Christenson, Sam and A. E., Fergus Falls, Minn. Illuminated sign. 7,462,849; July 24.
Christian, Archie L., Beaver City, Nebr. Curtain holder for doors of automobiles. 1,468,657; Sept. 25.
Christian, Gilbert, Detroit, Mich. Carburetor. 1,466,789; Sept. 4.
Christian, Herbert W., Detroit, Mich. Electric water-heating apparatus. 1,442,048; Jan. 16.
Christian, Walton G., Houston, Tex. Drill bit. 1,444,305; Feb. 6.
Christian, William, Bridgeport, Conn. Measure and making the same. 1,448,358; Mar. 13.
Christian, William, Bridgeport, Conn. Drum. 1,451,289; Apr. 10.
Christian, Winter W., and A. G. Maxey, Owensboro, Ky.; said Christian assignor to said Maxey. Combined letter box and changeable sign. 1,454,882; May 15.
Christiansen, Amo N., Cupertino, Calif. Separator. 1,448,482; Mar. 13.
Christianson, Andrew, Butler, Pa. Freight-car door. 1,448,199; Mar. 13.
Christianson, Andrew, Butler, assignor to Standard Steel Car Company, Pittsburgh, Pa. Car-door-operating mechanism. 1,444,730; Feb. 6.
Christie, Charles H. (See Troutmann, F. E., and Christie.)
Christie, Charles H., Butler, Pa. Door for glass-pot furnaces. 1,469,358; Oct. 2.

Christie, Henry W. M., Arden, Scotland. Method of discharging sludges and like semisolid matters from tanks or other vessels. 1,411,966; Jan. 9.
Christie, John, North Carlton, and A. R. Lang, Elsternwick, Victoria, Australia. Form for molding concrete and like structures. 1,471,239; Oct. 16.
Christmann, Matthias, Springfield, Mo. Valve. 1,450,663; Apr. 3.
Christmann, Fred, Chicago, Ill. Forge. 1,440,969; Jan. 2.
Christmas, Adolph F., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Governing fuel pump. 1,456,972; May 29.
Christmas, Lee, Guatemala, Guatemala. Throttle-adjusting device and safety lock. 1,465,808; Aug. 21.
Christophel, Carl E., assignor to Dexter Folder Company, Pearl River, N. Y. Sheet feeding machine. Re15,573; Apr. 3.
Christophel, Carl E., assignor to Dexter Folder Company, Pearl River, N. Y. Sheet-separating mechanism. 1,475,621; Nov. 27.
Christophel, Lewis W., St. Louis, Mo. Trunk seal. 1,473,011; Nov. 6.
Christophel, Lewis W., St. Louis, Mo. Trunk bolt. 1,477,692; Dec. 18.
Christopher, Daniel L., assignor to Leavitt Mfg. Company, Urbana, Ill. Portable grand stand with permanent base. 1,477,242; Dec. 11.
Christopher, William F., Auburn, Iowa. Folding animal-operating trough. 1,469,496; Oct. 2.
Christopherson, Arthur, Oslo, Minn. Shocking attachment for binders. 1,473,012; Nov. 6.
Chriswell, Frederick W., assignor to Pacific Car and Foundry Company, Seattle, Wash. Logging car. 1,449,937; Mar. 27.
Chriswell, Frederick W., assignor to Pacific car and foundry company, Seattle, Wash. Logging car for short logs. 1,451,940; Apr. 17.
Chriswell, Frederick W., assignor to Pacific Car and Foundry Company, Seattle, Wash. Car bolster. 1,467,775; Sept. 11.
Chriswell, Frederick W., and E. T. Fehnel, assignors to Pacific Car and Foundry Company, Seattle, Wash. Chock for log bunks. 1,449,938; Mar. 27.
Christy, Frank W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Skiving machine. 1,469,892; Oct. 9.
Chron, Thomas, jr. (See Severson, Ingram, assignor.)
Chryst, William A. (See Hunt, J. H., and Chryst.)
Chryst, William A. (See Kettering, C. F., and Chryst.)
Chryst, William A., assignor to The Dayton Engineering Laboratories Company, Dayton, Ohio. Electric switch. 1,441,398; Jan. 9.
Chryst, William A., assignor to The Dayton Engineering Laboratories Company, Dayton, Ohio. Ignition system. 1,446,962; Feb. 27.
Chryst, William A., assignor to The Dayton Engineering Laboratories Company, Dayton, Ohio. Ignition apparatus. 1,466,929; Sept. 4.
Chubb, Lewis W., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrolytic condenser. 1,463,152; July 31.
Chubb, Lewis W., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Testing device. 1,475,749; Nov. 27.
Church, Albert E., New Britain, Conn. Chuck. 1,473,464; Nov. 6.
Church, Charles S., assignor to C. M. Ross, Wellington, Ohio. Brick-handling mechanism. 1,441,661; Jan. 9.
Church, Edgar D., assignor to Jackson & Church Company, Saginaw, Mich. Automatic feeder for jointers. 1,469,995; Oct. 9.
Church, Edgar D., F. S. Lash, and J. W. Van Brunt, assignors to Jackson & Church Company, Saginaw, Mich. Automatic measuring device. 1,460,573; July 3.
Church, Frank B., San Jose, Calif. Steam deflector. 1,477,996; Dec. 18.
Church, Frank S., assignor of one-half to The Thos. J. Corcoran Lamp Co., Cincinnati, Ohio. Air spring. 1,475,049; Nov. 20.
Church, Frank W. (See Smith, D. W., and Church.)
Church, Frederick A., Venice, Calif. Car for coaster railways. 1,476,148; Dec. 4.
Church, Frederick F. (See Lederer, Carl F., assignor.)
Church, Harold D., assignor to Packard Motor Car Company, Detroit, Mich. Hydrocarbon motor. 1,443,006; Jan. 23.
Church, Harold D., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,442,049; Jan. 16.
Church, Harold D., assignor to Packard Motor Car Company, Detroit, Mich. Hydrocarbon motor. 1,455,832; May 22.
Church, Harold D., assignor to Packard Motor Car Company, Detroit, Mich. Hydrocarbon motor. 1,469,149; Sept. 25.
Church, Harold D., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,473,140; Nov. 6.
Church, Harold D., Fairfield, Conn., assignor to Packard Motor Car Company, Detroit, Mich. Hydrocarbon motor. 1,473,141; Nov. 6.
Church, Harold D., Fairfield, assignor to The Locomobile Company, Bridgeport, Conn. Means for indicating and controlling the level of liquids in reservoirs. 1,449,655; Mar. 27.
Church, Harold D., Fairfield, assignor to The Locomobile Company, Bridgeport, Conn. Internal-combustion engine. 1,451,648; Apr. 10.
Church, Harold D., Fairfield, assignor to The Locomobile Company, Bridgeport, Conn. Means for heating combustible mixture for internal-combustion engines. 1,464,466; Aug. 7.
Church, Harry V., trustee. (See McDaniel, Marion R., assignor.)
Church, Howard A., Elkhart, Ind. Pitcher. Des. 62,392; May 22.
Church, Ira A., assignor, by mesne assignments, to Universal Metal Products Company, Long Beach, Calif. Tool holder. 1,474,404; Nov. 20.
Church, Lewis H., Roselle, and G. C. Thomas, jr., assignors to The Thomas & Betts Co., Elizabeth, N. J. Outlet box. 1,450,972; Apr. 10.
Church, Mary M., executrix. (See Church, Walter F.)
Church, Walter F., deceased, Greeley, Colo.; M. M. Church, executrix. Window shade. 1,469,150; Sept. 25.
Church, Walter F., deceased, Greeley, Colo.; M. M. Church, executrix. Eye shade for windshields. 1,470,553; Oct. 9.
Church, William H., Superb, Saskatchewan, Canada. Shocking machine. 1,449,265; Mar. 20.
Churchill, Benn P. and W. J., Milwaukee, Wis. Washing machine. 1,447,760; Mar. 6.
Churchill Cabinet Company. (See Gullicksen, Ole, assignor.)
Churchill, Edwin, jr. (See Morgan, R. L., Griffith, and Churchill.)
Churchill, Frank, assignor to W. E. Pugh, Seattle, Wash. Mail-distributing system. 1,446,693; Feb. 27.
Churchill, William J. (See Churchill, Benn P. and W. J.)
Chwalkowski, Vincent, Newark, N. J. Heater. Des. 62,393; May 22.
Chylowski, Alexander V., Detroit, Mich. Tire valve. 1,447,924; Mar. 6.
Ciari, Nello, Weldona, Colo. Attachment for beet cultivators. 1,442,251; Jan. 16.
Cibles Automatiques Michoud Societe Anonyme. (See Michoud, Arnold, assignor.)
Ciechomski, Edward, Philadelphia, Pa. Shaving mug. 1,466,040; Aug. 28.
Ciba, Edward E., Chicago, Ill. Tool. 1,466,118; Aug. 28.
Cimfl, Anton, Rice Lake, Wis. Attachment for graders. 1,454,725; May 8.
Cimorosi, Alberto, Braintree, Mass. Toy torpedo. 1,467,755; Sept. 11.
Cinch Expansion Bolt & Engineering Company. (See Kohler, G., and Smith, assignors.)
Cincinnati Art Publishing Company. (See Freiberg, Stanley B., assignor.)
Cincinnati Ball Crank Company, The. (See Breeze, Alfred B., assignor.)
Cincinnati Ball Crank Company, The. (See Davison, Vergil A., assignor.)
Cincinnati Bickford Tool Company. (See Klausmeyer, David C., assignor.)
Cincinnati Butchers Supply Company, The. (See Schmidt, Oscar C., assignor.)
Cincinnati Car Company, The. (See Elliott, Thomas, assignor.)
Cincinnati Frog and Switch Company, The. (See Henke, W. F., and Partington, assignors.)
Cincinnati Horse Shoe & Iron Company. (See Barron, Andrew J., assignor.)
Cincinnati Horse Shoe & Iron Company, The. (See Barron, A. J., and Crow, assignors.)
Cincinnati Last Company. (See Brockman, Joseph W., assignor.)
Cincinnati Time Recorder Company, The. (See Lawton, Hugh M., assignor.)
Cindel, Eli, Nemo, S. Dak. Rule or tool holder for garment pockets. 1,466,330; Aug. 28.
Cinder Products Corporation. (See Bo, Sigurd, assignor.)
Cinema Advertising Corporation. (See Stegmann, Louis A., assignor.)
Cioffi, Paul P. (See Knoop, W. A., and Cioffi.)
Cipra, Leon, Kanopolis, Kans. Journal bearing. 1,466,930; Sept. 4.
Cipresso, Samuel, Buffalo, N. Y. Bird cage. Des. 61,890; Feb. 6.
Cirac, Charles P., Fallon, Nev. Reverse-movement control for driving and driven elements. 1,450,409; Apr. 3.
Cirac, Louis V., Fallon, Nev. Beet harvester. 1,455,107; May 15.
Circle Stamping & Mfg. Co. (See Jones, Allan H., assignor.)
Circle, William J., Seattle, Wash. Combination cuff and collar button. 1,477,997; Dec. 18.
Cirelli, Francesco, Philadelphia, Pa. Sound-reproducing machine. 1,475,541; Nov. 27.
Cirillo, Loreta A., New York, N. Y. Corset. 1,474,892; Nov. 20.
Cisney, Claud W. (See Pine, H. B., and Cisney.)
Cisski, Irving, Seattle, Wash. Piston and piston ring. 1,450,134; Mar. 27.
Cite, Joseph D. (See McElroy, R. H., Cite, and Langenkamp.)

Cité, Joseph D., assignor, by mesne assignments, to The Bahmann Iron Works Company, Dayton, Ohio. Axle bearing. Re15,599; May 15.
Citizens of the United States. (See Denny, Frank E.)
Citizens of the United States of America. (See Thelen, Rolf.)
City Button Works. (See Carolin, James B., assignor.)
City Trust Co., The, Branch of the Marine Trust Co., trustee. (See Graham, Andrew W., assignor.)
Cizek, Vojtech, New York, N. Y. Rotary internal-combustion engine. 1,458,641; June 12.
Claassen, Alvin A., Chicago, Ill. Means to compress ingots. 1,463,771; July 31.
Claflin, Charles A., Medford, Mass. Conduit member for conducting fluid under pressure. 1,466,119; Aug. 28.
Claflin, Charles R. B., Hartford, Conn. Derrick. 1,465,969; Aug. 28.
Clairemont, Victor, San Francisco, Calif. Egg-candling apparatus. 1,473,279; Nov. 6.
Clamer, Guilliam H., Atlantic City, and J. R. Wyatt, Camden, N. J., assignors to The Ajax Metal Company, Philadelphia, Pa. Electric furnace having resistor domes. 1,444,584; Feb. 6.
Clancy, John C., assignor to The Nitrogen Corporation, Providence, R. I. Ammonia synthesis and catalyst therefor. 1,454,599; May 8.
Clancy, John C., assignor to The Nitrogen Corporation, Providence, R. I. Catalyst and making the same. 1,473,543; Nov. 6.
Clancy, John C., assignor to The Nitrogen Corporation, Providence, R. I. Ammonia synthesis catalyst and making the same. 1,473,544; Nov. 6.
Clancy, John F., assignor to Kaestner & Hecht Company, Chicago, Ill. Elevator-door lock. 1,477,630; Dec. 18.
Clapp, Albert L., Danvers, Mass. Waterproof paperboard. 1,468,959; Sept. 25.
Clapp, Albert L., Marblehead, assignor to The Flintkote Company, Boston, Mass. Corner bead and making the same. 1,449,745; Mar. 27.
Clapp, Albert L., Marblehead, assignor to The Flintkote Company, Boston, Mass. Absorbent sheet material. 1,463,611; July 31.
Clapp, E. H., Rubber Company. (See Pratt, William B., assignor.)
Clapp, George W., New Rochelle, N. Y., assignor to The Dentists' Supply Company. Means for selection of artificial teeth. 1,469,893; Oct. 9.
Clapp, Lewis J., Claremont, N. H., assignor to Sullivan Machinery Company. Compressor-controlling mechanism. 1,473,078; Nov. 6.
Clapp, Lewis J., Claremont, N. H., assignor to Sullivan Machinery Company. Compressor-controlling mechanism. 1,473,598; Nov. 6.
Clapp, Solon F., Temple, Tex. Ballast-dressing machine. 1,470,058; Oct. 2.
Clapp, Stuart H., Camp Meade, Md. Brake. 1,465,509; Aug. 21.
Clarage, Edson D., Cleveland, Ohio. Game counter and recorder. 1,446,735; Feb. 27.
Clare, Frederick, Preston, Ontario, Canada. Heating system. 1,475,984; Dec. 4.
Claremont, Ernest A. (See Beaver, C. J., Richards, and Claremont.)
Clarenbach, Edward. (See Boller, G. C. L., and Clarenbach.)
Clark, Alfred L., Wellsville, Ohio. Endless conveyer. 1,472,049; Oct. 30.
Clark, Alva B., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Method of and means for measuring unbalance. 1,471,383; Oct. 23.
Clark, Alva B., Brooklyn, N. Y., and G. Crisson, Hoboken, N. J., assignors to American Telephone and Telegraph Company. Testing circuits. 1,468,101; Sept. 18.
Clark, Andrew T. (See Grassett, C. S., and Clark.)
Clark, Armin H., Plymouth, Ohio. Cover. 1,467,529; Sept. 11.
Clark, Arthur B., assignor to Fer-Mil-Lac Process Company, St. Louis, Mo. Fermentation of milk. 1,462,029; July 17.
Clark, Arthur E., Roscoe, Mont. Face steam device. 1,464,645; Aug. 14.
Clark, Bernard E., et al. (See Walper, Curry O., assignor.)
Clark, Bolden, et al. (See Leece, Charles E., assignor.)
Clark Bros. Bolt Co. (See Noble, Boughton T., assignor.)
Clark Car Company. (See Beach, Howard L., assignor.)
Clark Car Company. (See Clark, C. H., and Beach, assignors.)
Clark, Charles A., Sioux City, Iowa. Car door. 1,476,950; Dec. 11.
Clark, Charles H., Library, and H. L. Beach, Mount Lebanon, Pa., assignors to Clark Car Company. Covered dump car. 1,466,469; Aug. 28.
Clark, Charles N., Somerville, Mass. Wagon. 1,474,622; Nov. 20.
Clark, Charles S., New York, N. Y. Commodity-advertising device. 1,466,422; Aug. 28.
Clark, Chester A., Oakland, Calif. Tire changer. 1,471,591; Oct. 23.
Clark, Curtis A., College Corner, Ohio. Operating table. 1,445,487; Feb. 13.
Clark, Daniel W., Los Angeles, Calif. Core box for pistons. 1,451,010; Apr. 10.
Clark, Earle A., Tulsa, Okla. Gas-sampling device. 1,441,066; Jan. 2.
Clark, Eddy L., West Pittston, Pa. Bracket device for air-brake pressure valves. 1,443,168; Jan. 23.
Clark, Edgar H. (See Lundell, A. E., and Clark.)
Clark, Edgar H., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,456,536; May 29.
Clark, Edgar H., Richmond Hill, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,456,537; May 29.
Clark, Edgar H., Richmond Hill, assignor to Western Electric Company, Incorporated, New York, N. Y. Number-indicating system. 1,472,458; Oct. 30.
Clark, Edgar M. (See Burton, E. M., and Clark.)
Clark, Edgar M., Westfield, N. E. Loomis, Elizabeth, and J. R. Carringer, Hillside, N. J., assignors to Standard Development Company. Treating oils. 1,478,102; Dec. 18.
Clark, Edward D., Achille, Okla. Rat trap. 1,462,802; July 24.
Clark, Edwin M., Clarkston, Mich. Time-controlled locking mechanism. 1,458,325; June 12.
Clark, Egbert N., Rochester N. Y. Profile-defining apparatus. 1,462,850; July 24.
Clark, Emma E., Hammond, Ind., assignor to The Wilson Fastener Company, Cleveland, Ohio. Lingerie clip. Re15,654; July 17.
Clark Equipment Company. (See Burrows, Robert J., assignor.)
Clark, Ernest C., Jackson, Mich. Sun and rain shield for automobile tops. 1,447,062; Feb. 27.
Clark, Ernest D., Worcester, Mass. Razor-stropping machine. 1,453,751; May 1.
Clark, Eugen and W. H., Juliette, Ga. Anchor plate. 1,461,308; July 10.
Clark, Everett E., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Tube feeding chain mechanism for Axminster looms. 1,472,459; Oct. 30.
Clark, Ewen A., Revere, Mass., assignor of one half to A. J. Berg, Kittery, Me. Means for salvaging vessels. 1,453,918; May 1.
Clark, Ezra E., Newtonville, Mass. Dry-pipe valve. 1,450,428; Apr. 3.
Clark, Farley G., Toronto, Ontario, Canada. Manufacture of hydrogen and oxygen. 1,446,736; Feb. 27.
Clark, Farley G., Toronto, Ontario, Canada. Method of electrolysis. 1,476,284; Dec. 4.
Clark Fibre Products Corporation. (See Clark, Horace H., assignor.)
Clark, Frank H., New York, N. Y., and E. J. Barnett, Chicago, Ill.; said Barnett assignor to said Clark. Throttle valve. 1,459,046; June 19.
Clark, Frank R., jr. (See Malaier, H. E., and Clark.)
Clark, George H., Brooklyn, N. Y., assignor to Radio Corporation of America. Transmitting and receiving apparatus for wireless telegraphy. 1,461,754; July 17.
Clark, George J. J., assignor to The National Fireworks Manufacturing Company, West Hanover, Mass. Mixing pulverulent materials. 1,445,488; Feb. 13.
Clark, George L., and C. H. Tibado, Norfolk, Nebr. Electric-wiring machine. 1,474,580; Nov. 20.
Clark, George M., Charleston, W. Va. Spike puller. 1,450,664; Apr. 3.
Clark, George M., Battle Creek, Mich. Boat carrier for automobiles. 1,475,685; Nov. 27.
Clark, George R., Detroit, Mich. Water motor. 1,447,925; Mar. 6.
Clark, George S., Bowling Green, Ky., assignor, by mesne assignments, to Clark Patent Tubing Co., Wheeling, W. Va. Blasting paper sheet. 1,464,865; Aug. 14.
Clark, George S., Bowling Green, Ky., assignor, by mesne assignments, to Clark Patent Tubing Co., Wheeling, W. Va. Blasting shell. 1,464,866; Aug. 14.
Clark, George W., assignor to Westfield Manufacturing Company, Westfield, Mass. Cycle. 1,460,052; June 26.
Clark, George W., Westfield, Mass., assignor to Westfield Manufacturing Company. Hand brake for cycles. 1,474,068; Nov. 13.
Clark, Gilbert, Morpeth, England. Apparatus for ejecting, accelerating, or controlling liquid discharge from bottles and the like. 1,459,282; June 19.
Clark, Guy G., Upper Montclair, N. J., assignor to Ludlow Manufacturing Associates, Boston, Mass. Twine holder. 1,441,265; Jan. 9.
Clark, Harold W., assignor to The Alliance Machine Company, Alliance, Ohio. Brake. 1,471,997; Oct. 23.
Clark, Harry, Springfield, Ohio. Combined antiglare and weather shield. 1,473,599; Nov. 6.
Clark, Harry W., Kansas City, Kans., assignor of one-half to W. P. Goshorn, Kansas City, Mo. Printing and relief embossing. 1,444,779; Feb. 13.
Clark, Henry B., Mosherville, Mich. Automatic latch mechanism for clutch control for Ford and other tractors. 1,443,308; Jan. 23.
Clark, Henry C., South Norwood, Ohio. Collar hook. 1,464,257; Aug. 7.
Clark, Henry F., Oakmont, assignor to Window Glass Machine Company, Pittsburgh, Pa. Burner for furnaces. 1,460,947; July 3.

Clark, Henry G., et al. (See Brown, William H. A., assignor.)
Clark, Horace H., Hartsdale, N. Y., assignor to Clark Fibre Products Corporation. Holder for disk-shaped objects. 1,476,285; Dec. 4.
Clark, Horace O., Waukegan, Ill. Chain connector. 1,456,361; May 22.
Clark, Hubert C., Letchworth, England. Construction of pumps. 1,450,135; Mar. 27.
Clark, James, assignor to S. R. Dresser Manufacturing Company, Bradford, Pa. Wrought-metal repair device for pipe lines. 1,478,172; Dec. 18.
Clark, James A. (See Chambers, John A., assignor.)
Clark, James C. H. (See Olson, E. H., Clark, Mealey, and Pelter.)
Clark, James H., River Rouge, Mich. Attachment for vehicle wheels. 1,465,345; Aug. 21.
Clark, James H., Portage, Wis., assignor of one-half to J. M. Russell, Portland, Oreg. Demountable hard-rubber cushioned tire and rim. 1,451,143; Apr. 10.
Clark, James R., Cicero, Ill. Toy boat. Des. 62,518; June 12.
Clark, James R., assignor to Yawman & Erbe Mfg. Co., Rochester, N. Y. Corner unit for counters. 1,441,331; Jan. 9.
Clark, James R., assignor to Yawman & Erbe Manufacturing Co., Rochester, N. Y. Sheet-metal furniture. 1,476,798; Dec. 11.
Clark, John. (See Hood, J. J., and Clark.)
Clark, John O., Chicago Heights, assignor to American Manganese Steel Company, Chicago, Ill. Dipper. 1,477,539; Dec. 18.
Clark, John T. (See Mills, T. M., and Clark.)
Clark, John T., Provo, Utah. Necktie holder. 1,451,290; Apr. 10.
Clark, John T., Provo, Utah. Metal tie and fastener to secure rails thereon. 1,454,268; May 8.
Clark, John T., Provo, Utah. Railway tie. 1,477,540; Dec. 18.
Clark, Joseph C., San Angelo, Tex. Motor-spring-securing means. 1,478,173; Dec. 18.
Clark, Lawrence E., Des Moines, Iowa. Insole for shoes or the like. 1,456,843; May 29.
Clark, Leeo, assignor of one-half to H. Franklin, La Salle, Ill. Wood-sawing machine. 1,449,383; Mar. 27.
Clark, Leonard H., Los Angeles, Calif. Demountable side inclosure. 1,474,316; Nov. 13.
Clark, Lester S., Reisterstown, Md. Repair link. 1,458,571; June 12.
Clark, Louis F., Potrerillos, Chile. Treating solutions of metals. 1,472,115; Oct. 30.
Clark, Luther E., Lacrosse, Wash. Wrench. 1,445,823; Feb. 20.
Clark, Macmullen & Riley, Inc. (See Riley, Champlain L., assignor.)
Clark, Marshall L., Marsland, Nebr. Spring wheel. 1,445,201; Feb. 13.
Clark, Mary, Garden City, Kans. Roll cutter. 1,477,693; Dec. 18.
Clark, Matthew L. (See Murray, P. J., and Clark.)
Clark, Maurice E., Grenada, Miss. Film-waxing machine. 1,453,920; May 1.
Clark, Maurice E., Grenada, Miss. Guide. 1,473,465; Nov. 6.
Clark & Mesker Milling Machine Company, The. (See Shields, F. S., and Camm, assignors.)
Clark, Michael J., Homestead, Pa. Dental instrument. 1,464,807; Aug. 14.
Clark, Newell H., New Richmond, Ohio. Automatic spark-advancing device. 1,468,801; Sept. 25.
Clark, Norris, Plainville, Conn., assignor to R. S. Allyn, trustee, New York, N. Y. Expanded-metal fabric. 1,444,731; Feb. 6.
Clark, Omar E. (See Skaer, A. H., Barker, and Clark.)
Clark, Omar E., assignor to The Denver Rock Drill Manufacturing Company, Denver, Colo. Engine. 1,445,996; Feb. 20.
Clark Patent Tubing Co. (See Clark, George S., assignor.)
Clark, Percy G. (See Hood, J. J., and Clark.)
Clark, Raymond P., Rochester, N. Y. Cover cushion for fruit baskets. 1,450,911; Apr. 10.
Clark, Robert G., Brooklyn, N. Y., assignor to Paragon Can & Cap Company, Inc. Hopper for capping machines. 1,445,296; Feb. 13.
Clark, Robert G., assignor to Paragon Can & Cap Company, Inc., Brooklyn, N. Y. Bottle-capping machine. 1,470,348; Oct. 9.
Clark, Robert G., assignor to Paragon Can & Cap Company, Inc., Brooklyn, N. Y. Bottle-capping machine. 1,470,349; Oct. 9.
Clark, Robert K., Springfield, and E. W. Kroepel, Holyoke, Mass., assignors to The American Thread Company, Jersey City, N. J. Unwinder for spools. 1,478,364; Dec. 18.
Clark, Seth R., et al. (See Stevens, G. H., and Eaton, assignors.)
Clark, Sheffield, trustee. (See Mitchell, Harold D., assignor.)
Clark, Simon R., et al. (See Ulrich, Carl J., assignor.)
Clark, Theodore O. (See Fisher, H. C., and Clark.)
Clark, Thomas E., Grand Rapids, Mich. Direction signal for motor vehicles. 1,478,174; Dec. 18.
Clark Thread Company, The. (See Clauss, Max O., assignor.)
Clark, Virginius E., assignor to Dayton-Wright Company, Dayton, Ohio. Fuselage construction for aircraft. 1,462,533; July 24.
Clark, Walter G., New York, N. Y. Feed trough for glass furnaces. 1,458,522; June 12.
Clark, Walter L., New York, N. Y., and W. J. Hawkins, Montclair, N. J., assignors to American Dan Bottle Seal Corporation, Dover, Del. Vessel seal. 1,473,280; Nov. 6.
Clark, Walter R., assignor to Bridgeport Brass Company, Bridgeport, Conn. Manufacture of electric-furnace linings. 1,461,862; July 17.
Clark, Walter R., assignor to Bridgeport Brass Company, Bridgeport, Conn. Manufacture of electric-furnace linings. 1,461,863; July 17.
Clark, Warren F., Cleveland, Ohio, assignor, by mesne assignments, to Automatic Electric Heater Company, Warren, Pa. Electric pressure regulator. 1,445,389; Feb. 13.
Clark, Warren F., assignor to Automatic Electric Heater Company, Warren, Pa. Liquid heater. 1,451,863; Apr. 17.
Clark, Warren L., New York, N. Y. Forming interchangeable sign letters. 1,478,553; Dec. 25.
Clark, William, London, England. Electrical resistance. 1,441,399; Jan. 9.
Clark, William, Petrolia, Calif. Rotatable stock chute. 1,443,561; Jan. 30.
Clark, William, Shaker Heights Village, Ohio. Machine for heading up barrels. 1,474,069; Nov. 13.
Clark, William C., et al. (See Topp, Maurice J., assignor.)
Clark, William E., Minneapolis, Minn. Auxiliary locking bolt. 1,458,271; June 12.
Clark, William G., Oak Park, Ill. Rheostat. 1,455,903; May 22.
Clark, William H. (See Clark, Eugen and W. H.)
Clark, William H. (See Watson, Charles N., assignor.)
Clark, William N., Fayette, Mo. Automobile extractor. 1,469,249; Oct. 2.
Clark, Winthrop A., assignor of one-half to F. M. Brown, Stamford, Conn. Grapple. 1,473,013; Nov. 6.
Clarke, Albert E., Des Plaines, assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Enameled-metal table top. Des. 63,357; Nov. 27.
Clarke, Alex A., Dallas, Tex. Motor-driven surface-treating machine. 1,458,874; June 12.
Clarke, Alexander, Charleston, W. Va., assignor to United Hydro-Carbons Company. Method and mechanism for testing gas. 1,461,345; July 10.
Clarke, Charles E., assignor of one-third to B. F. Stitt and one-third to T. F. Flood, Columbus, Ohio. Valve grinder. 1,470,687; Oct. 16.
Clarke, Charles L., Fort Worth, Tex. Knee pad. 1,452,360; Apr. 17.
Clarke, Clem S., Shreveport, La. Casing head. 1,462,131; July 17.
Clarke, Clem S., Shreveport, La. Casing head. 1,469,894; Oct. 9.
Clarke, David E. G., Bayonne, N. J. Water-tube boiler. 1,455,521; May 15.
Clarke, David S., Denver, Colo. Toy. 1,454,313; May 8.
Clarke, Edward W., Buffalo, N. Y. Lens-drilling machine. 1,447,761; Mar. 6.
Clarke, Edward W., Fredonia, N. Y. Machine for grinding the edges of lenses. 1,449,266; Mar. 20.
Clarke, Frank, Waco, Tex. Envelope-closing means. 1,454,701; May 8.
Clarke, George J. (See Dow, G. B. N., and Ham, assignors.)
Clarke, Hans T., assignor to Eastman Kodak Company, Rochester, N. Y. Nitrocellulose composition. 1,444,333; Feb. 6.
Clarke, Harry D. (See Zuhars, B. C., and Clarke.)
Clarke, Harry D., Plattsmouth, Nebr., assignor to The Ohio Tractor Company, Columbus, Ohio. Double-reduction drive for motor vehicles. 1,460,532; July 3.
Clarke, Ira M., assignor to New Martinsville Glass Mfg. Co., New Martinsville, W. Va. Ash tray. Des. 62,373; May 15.
Clarke, Ira M., assignor to New Martinsville Glass Mfg. Co., New Martinsville, W. Va. Ash tray. Des. 62,374; May 15.
Clarke, Ira M., assignor to New Martinsville Glass Manufacturing Co., New Martinsville, W. Va. Combined humidor and ash tray. Des. 62,476; June 12.
Clarke, Ira M., assignor to New Martinsville Glass Manufacturing Co., New Martinsville, W. Va. Combined ash tray and jar cover. 62,477; June 12.
Clarke, Ira M., assignor to New Martinsville Glass Mfg. Co., New Martinsville, W. Va. Ash tray. Des. 63,152; Oct. 23.
Clarke, Jessie C. (See Condylis, M. J., and Clarke.)
Clarke, John. (See McElroy, W. J., and Clarke.)
Clarke, John H. (See Stantial, F. G., and Clarke.)
Clarke, John H., London, England. Locking device for covers of portholes of ships or other openings. 1,453,919; May 1.
Clarke, John O. (See Hadley, F. V., Barnaby, and Clark.)
Clarke, Louis A. (See Hiller, S., and Clarke.)

Clarke, Peter J., Chicago, Ill. Pneumatic-tire casing. 1,450,170; Apr. 3.
Clarke, Ralph S., Walpole, Mass., assignor to Bird Machine Company. Beater for paper stock. 1,446,154; Feb. 20.
Clarke, Ralph S., Walpole, Mass., assignor to Bird Machine Company. Rotary screen for paper-making machines. 1,468,875; Sept. 25.
Clarke, Robert C., Laurel, N. Y. Timer. 1,473,079; Nov. 6.
Clarke, Thomas H., Newark, N. J., assignor to Shirley Manufacturing Co., Shreveport, La. Ring. Des. 62,859; Aug. 7.
Clarke, Thomas H., Newark, N. J., assignor to Shirley Manufacturing Co., Shreveport, La. Ring. Des. 62,885; Aug. 21.
Clarke, Thomas J., Jamestown, N. Y. Filing device. 1,454,702; May 8.
Clarkson, Stewart F., St. Charles, Minn. Receipt book. 1,449,145; Mar. 20.
Clary, Burton N., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Press. 1,463,798; Aug. 7.
Clary, John P., Templeton, Mass. Multicompartment shaker. 1,446,878; Feb. 27.
Clas, Angelo R., Toledo, Ohio. Spotlight-adjusting means. 1,474,623; Nov. 20.
Clase, Charles A., Portland, Oreg. Micrometer gauge. 1,463,673; July 31.
Clasen, Claus J. W., Davenport, assignor to The Bettendorf Company, Bettendorf, Iowa. Hooded journal-box lid and making same. 1,465,542; Aug. 21.
Classen, Alexander, Aachen, Germany. Production of glossy metal coatings on metals. 1,464,149; Aug. 7.
Classon, Raymond E., Radcliffe, Iowa. Hitch. 1,465,158; Aug. 14.
Claude, Georges, assignor to l'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude, Paris, France. Method of and apparatus for the direct synthesis of ammonia at very high pressures. 1,448,387; Mar. 13.
Claude, Georges, assignor to Societe l'Air Liquide Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude, Paris, France. Thermally-insulated apparatus and insulating the same. 1,452,594; Apr. 24.
Claupin, Wilhelm F., Attleboro, Mass. Swimming device. 1,452,790; Apr. 24.
Claus, Carl, Philadelphia, Pa. Display device. 1,470,217; Oct. 9.
Clausen, Andrew J., San Francisco, Calif. Charging device. 1,449,733; Mar. 27.
Clausen, Henry P., Mamaroneck, assignor to Western Electric Company, Incorporated, New York, N. Y. Phonographic apparatus. 1,452,361; Apr. 17.
Clausen, Henry P., Mamaroneck, assignor to Western Electric Company, Incorporated, New York, N. Y. Humidity indicating and regulating device. 1,459,391; June 19.
Clausen, Henry P., Mount Vernon, assignor to Western Electric Company, Incorporated, New York, N. Y. Combined telephone and telegraph system. 1,478,024; Dec. 18.
Clausen, Henry P., Mount Vernon, and C. L. Goodrum, assignors to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,472,460; Oct. 30.
Clausen, Martin J., Seattle, Wash. Testing device. 1,458,272; June 12.
Clauson, Ferdinand C., Des Moines, and G. G. Kibbee, Forest City, Iowa. Combined bed and luggage carrier. 1,459,972; June 26.
Clauson, William Everett, assignor to The Friendly Service Co., Boston, Mass. Mixing apparatus. 1,458,975; June 19.
Clauss, Edward P., Lyons, N. Y. Angle cock. 1,459,654; June 19.
Clauss, Max O., New York, N. Y., assignor to The Clark Thread Company, Newark, N. J. Skein holder. Re. 15,513; Jan. 2.
Claussen, Edward E., and J. C. Hammer, Hartford, Conn. Stapling machine. 1,442,857; Jan. 23.
Claussen, Herman H., San Antonio, Tex. Lock mechanism. 1,425,190; Apr. 17.
Claussen, Martin, San Francisco, Calif. Electric lamp. 1,471,384; Oct. 23.
Clavel, René, Basel, Switzerland. Dyeing cellulose acetate or products made therewith. 1,448,432; Mar. 13.
Clavier, Pierre, Tarbes, France. Metal horse-collar framework forming a tube. 1,467,568; Sept. 11.
Clawson, Monroe S., Upper Montclair, N. J. Welding apparatus. 1,458,273; June 12.
Clawson, Monroe S., Upper Montclair, N. J. Welding process. 1,458,274; June 12.
Clawson, William, San Francisco, Calif. Knife. 1,470,147; Oct. 9.
Clay, George B. (See Buckler, Leon T., assignor.)
Clay, Noble S., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Ornamental article and producing the same. 1,454,845; May 15.
Clay, Noble S., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Fan structure. 1,463,153; July 31.
Clay, Samuel B., St. Louis, Mo. Blank holder and ejecting device for bolt machines. 1,470,256; Oct. 9.
Clay, Samuel B., St. Louis, Mo., assignor of one-half to E. R. Fish, Webster Groves, Mo. Machine for threading bolts and pipes. 1,444,109; Feb. 6.
Clay, Samuel B., St. Louis, Mo., assignor of one-half to E. R. Fish, Webster Groves, Mo. Nut-tapping machine. 1,444,110; Feb. 6.
Clay, William H., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Transfer mechanism for conveyers. 1,450,354; Apr. 3.
Clayden, Arthur, Richmond, England. Sling or grip for sack lifting and other purposes. 1,472,325; Oct. 30.
Clayden, Arthur, Richmond, England. Crane. 1,478,636; Dec. 25.
Claypoole, Albert, assignor to Willamette Iron and Steel Works, Portland, Oreg. Locomotive. 1,464,696; Aug. 14.
Claypoole, Walter, Forest Hills, assignor to The Texas Company, New York, N. Y. Adjustable temperature bath for viscosimeters. 1,442,858; Jan. 23.
Clayton, Howard D., O. E. Cook, and S. L. Cluett, assignors to Cluett, Peabody & Co., Inc., Troy, N. Y. Thermostatic temperature controller for folding and pressing machines. 1,446,155; Feb. 20.
Clayton, James, Blackpool, England. Valve. 1,441,784; Jan. 9.
Clayton, James, Coventry, England, assignor to The Viscose Company, Marcus Hook, Pa. Motor-driven apparatus. 1,443,214; Jan. 23.
Clayton and Lambert Manufacturing Company. (See Groehn, Otto J., assignor.)
Clayton, Samuel B., Greensboro, N. C. Automobile lock. 1,467,530; Sept. 11.
Clayton, William F., assignor of one-third to R. E. Smith, Huntsville, Ala. Thin-place detector. 1,477,034; Dec. 11.
Clayton, William F., assignor of one-third to R. E. Smith, Huntsville, Ala. Thin-place detector. 1,477,035; Dec. 11.
Clean Food Packing Machine Company. (See Du Pont, A. I., and Harding, assignors.)
Clear Vision Pump Company, The. (See Crouse, Emory, assignor.)
Cleary, Alfred J. (See Lougheed, Victor, assignor.)
Cleary, Edwin, deceased, by A. Hutchinson, administrator, London, England. Burner for liquid fuel. 1,475,050; Nov. 20.
Cleary, Edwin, deceased, by A. Hutchinson, administrator, London, England. Gas and liquid contact device. 1,471,101; Oct. 16.
Cleary, John W., New York, N. Y. Shield for bank windows. 1,451,360; Apr. 10.
Cleary, Leo H. (See Deisch, Noel J., assignor.)
Cleary, William B. (See Rechichar, Joseph, assignor.)
Cleeland, Robert J., assignor to Kibbe Brothers Company, Springfield, Mass. Display device. 1,470,688; Oct. 16.
Clefton Company, The. (See Sauter, William H., assignor.)
Cleghorn, Charles A., Woburn Sands, England. Self-sealing petrol tank or other container. 1,453,305; May 1.
Cleghorn, Charles A., Woburn Sands, England. Balloon fabric and making same. 1,460,053; June 26.
Cleghorn, Robert W., A. L. Daniels, and C. E. McKeag, Los Angeles, Calif. Foldable automobile bed frame. 1,444,732; Feb. 6.
Cleland, Alex, New Orleans, La. Screw jack. 1,455,571; May 15.
Cleland, Andrew V., Minneapolis, Minn. Grain-cleaning machine. 1,445,069; Feb. 13.
Clemence, Walter S. (See Randall, Victor E., assignor.)
Clemens, John G., Buffalo, N. Y., assignor, by mesne assignments, to E. D. Cahill, Hamilton, Ontario, Canada. Renewable fuse plug. 1,476,875; Dec. 11.
Clemens, William, and J. White, Philadelphia, Pa. Pipe-repair clamp. 1,475,254; Nov. 27.
Clement, Alvah W., East Cleveland, assignor to The Cleveland Brass Manufacturing Company, Cleveland, Ohio. Acid-resisting alloy. 1,473,208; Nov. 6.
Clement, Charles G., assignor to Highway Trailer Company, Edgerton, Wis. Semitrailer. 1,448,054; Mar. 13.
Clement, Charles G., assignor to Highway Trailer Company, Edgerton, Wis. Trailer coupling. 1,461,412; July 10.
Clement, Charles G., assignor to Highway Trailer Company, Edgerton, Wis. Two-wheeled trailer. 1,471,548; Oct. 23.
Clement, Charles G., assignor to Highway Trailer Company, Edgerton, Wis. Extensible trailer. 1,471,549; Oct. 23.
Clement, Clement A., and Axel Bors-Koefoed, Houston, Tex.; said Bors-Koefoed assignor to said Clement, trustee. Motion-picture machine. 1,477,541; Dec. 18.
Clement, Edward E., assignor to A. Ford, Washington, D. C. Automatic stop for railways. 1,440,583; Jan. 2.
Clement, George A. and H., Mount Vernon, N. Y., assignors to General Optical Company. Lens-blocking mechanism. 1,467,307; Sept. 11.
Clement, George A. and H., Mount Vernon, N. Y., assignors to General Optical Company. Grinding one-piece bifocal lenses. 1,467,308; Sept. 11.

Clement, Hans. (See Clement, George A. and H.)

Clement, Lewis M., and A. W. Kishpaugh, East Orange, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Control of electric circuits. 1,443,007; Jan. 23.

Clement, Louis du P., Dover, assignor to Kent County Oil Corporation, Leipsic, Del. Compounded liquid fuel and producing the same. 1,475,259; Nov. 27.

Clements, Everett G., Washington, D. C., assignor to The Willys-Overland Company, Toledo, Ohio. Transmission-lock mechanism for automobiles. 1,454,576; May 8.

Clements, George, assignor to Clements Mfg. Co., Chicago, Ill. Vacuum-cleaner bag. 1,444,165; Feb. 6.

Clements, George, assignor of one-half to Clements Mfg. Co., Chicago, Ill., and one-half to The Hoover Company, North Canton, Ohio. Vacuum cleaner. Re15,627; June 12.

Clements, Henry B., Somerville, Mass. Store-window attraction. 1,454,426; May 8.

Clements Mfg. Co. (See Clements, George, assignor.)

Clements Mfg. Co., et al. (See Clements, George, assignor.)

Clements, Nils T., Superior, Wis. Outlet-box construction. 1,473,812; Nov. 13.

Clemmer, Julius N., Omaha, Nebr. Foldable boat. 1,462,800; July 24.

Clemons, Frederick E., Indianapolis, Ind. Vehicle suspension. 1,463,574; July 31.

Clemons, Ulysses F., Marshall, Okla., assignor of one-half to C. F. Neill, Dallas, Tex. Apparatus for refining hydrocarbon oils. 1,449,734; Mar. 27.

Clench, William A., Seattle, Wash. Locking device for wheel rims. 1,476,952; Dec. 11.

Clerc, Camille. (See Nihoul, A., and Clerc.)

Clerc, Leonard F., Detroit, Mich. Grating for automobile heaters. Des. 63,025; Sept. 18.

Clerico, Dominick, Yonkers, N. Y. Valve-spring compressor for automobile and other engines. 1,461,346; July 10.

Clerico, Dominick, Yonkers, N. Y. Valve-spring lifter for automobile and other engines. 1,469,453; Oct. 2.

Cleve, Leonard R., Seattle, Wash. Distributor for peanut butter. 1,446,639; Feb. 27.

Cleveland Air Engineering Company, The. (See Marx, Stephen J., assignor.)

Cleveland, Arthur, Detroit, Mich. Manually-propelled wagon. 1,459,573; June 19.

Cleveland, Benjamin L., assignor of one-fourth to S. C. Hutcheson, one-fourth to G. F. Meehan, and one-fourth to F. M. Robbins, Chattanooga, Tenn. Anticreeper tie plate. 1,451,762; Apr. 17.

Cleveland Brass Manufacturing Company, The. (See Clement, Alvah W., assignor.)

Cleveland Brass Manufacturing Company, The. (See Costello, Joseph A., assignor.)

Cleveland Brass Manufacturing Company, The. (See Roach, Nathan, assignor.)

Cleveland Chain & Manufacturing Company. (See Bossermen, Archibald A., assignor.)

Cleveland, David P., asignor of one-half to J. A. Bergfeld, Dallas, Tex. Sand-blast machine. 1,462,786; July 24.

Cleveland Dental Manufacturing Company, The. (See Rosser, William, assignor.)

Cleveland, Doctor F. (See Varner, William L., assignor.)

Cleveland, Edgar W., Holland, Mich. Drill-carrying arm for multiple-spindle drills. 1,444,334; Feb. 6.

Cleveland Electric Machine & Mfg. Co. (See Kidney, Willis E., assignor.)

Cleveland Electric Machine and Manufacturing Company, The. (See Zoergiebel, Louis, assignor.)

Cleveland, Ernest E., Springfield, Mass. Tree-holding stand. 1,457,820; June 5.

Cleveland, Ernest S., and G. G. Leffingwell, Chicago, Ill. Arch support. 1,465,970; Aug. 28.

Cleveland, F. Mortimer. (See Graham, Thomas de L., assignor.)

Cleveland Folding Machine Company, The, et al. (See Thompson, R. J., and Dalton, assignors.)

Cleveland Graphite Bronze Company, The. (See Johnson, C. W., and Myers, assignors.)

Cleveland, Henry B., East Schodack, N. Y. Dewatering machine. 1,468,376; Sept. 18.

Cleveland Industrial Development Company, The. (See Kraber, George L., assignor.)

Cleveland, Laverr, Mansfield, Ohio. Glove. 1,475,221; Nov. 27.

Cleveland Metal Products Company, The. (See Chadwick, Lee S., assignor.)

Cleveland Metal Products Company, The. (See Resek, Marc, assignor.)

Cleveland Pneumatic Tool Company, The. (See Greve, Louis W., assignor.)

Cleveland Steel Tool Company. (See Knebusch, George H., assignor.)

Cleveland Tractor Company, The. (See Heinkel, Christian F., assignor.)

Cleveland Tractor Company, The. (See Savage, Edwin H., assignor.)

Cleveland Tractor Company, The. (See White, Rollin H., assignor.)

Cleven, Axel, assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Instrument bezel. Des. 63,613; Dec. 25.

Clews, Charles E., and A. W. Beere, assignors to P. N. Kingswell, Auckland, New Zealand. Lifting jack and hauler. 1,452,236; Apr. 17.

Click, Russell. (See Phelps, Walter H., assignor.)

Clickner, Earle D. (See Russell, S. G., and Clickner.)

Clickner, William T., Troy, N. Y. Adjustable mop and brush handle. 1,441,067; Jan. 2.

Clifford, Curtis T., San Francisco, Calif. Dry-pipe mechanism for automatic springler systems. 1,452,191; Apr. 17.

Clifford, Emma D. (See Clifford, Harlon A., assignor.)

Clifford, Harlon A., assignor to E. D. Clifford, Greenfield, Mass. Nail puller. 1,457,346; June 5.

Clifford, Harry F. (See Bath, J., and Clifford.)

Clifford, John H., Arkansas City, Kans. Combination faucet. 1,475,051; Nov. 20.

Clifford, Oliver M. (See Evans, Joseph E., assignor.)

Clifford, Patrick, Wallula, Wash. Trackman's car. 1,478,637; Dec. 25.

Clifford, Sanna, Ossining, N. Y. Steam ring. 1,453,378; May 1.

Clifford, Victor, Mannford, assignor of one-fourth to S. C. Clover and one-fourth to M. K. Clover, Tulsa, Okla. Safety vent for hydrocarbon containers. 1,444,661; Feb. 6.

Clifton-Ewart Construction Company, The. (See Clifton, W. E., and Ewart, assignors.)

Clifton, Isabel, Barberville, Fla. Pyorrhea remedy. 1,466,578; Aug. 28.

Clifton, William E., and J. S. Ewart, assignors to The Clifton-Ewart Construction Company, Limited, Nottingham, England. Construction of concrete-slab buildings. 1,449,496; Mar. 27.

Clifton, William E., and J. S. Ewart, assignors to The Clifton-Ewart Construction Company, Limited, Nottingham, England. Construction of concrete roofs. 1,452,362; Apr. 17.

Climax Heel Company, The. (See Hornquist, Frank, assignor.)

Cline, Charles W., Augusta, Kans. Nut lock. 1,453,921; May 1.

Cline, Fred G., Neosho, Mo. Lifting device. 1,459,655; June 19.

Cline, George W., Lake Charles, La. Resilient cushion for the pads of ironing devices. 1,468,557; Sept. 18.

Cline, Wesley, Edmonton, Alberta, Canada. Automobile signal. 1,454,920; May 15.

Clingman, William H., Chicago, Ill. Transmission mechanism. 1,463,919; Aug. 7.

Clinkinbeard, George W., St. Joseph, Mo. Attachment for mowing-machine sickle bars. 1,451,680; Apr. 17.

Clinkscale, Samuel C., Bonita, Kans. Plant digger. 1,475,686; Nov. 27.

Clinton, Harry D., Johnson City, N. Y. Tuft-yarn spool for looms. 1,462,192; July 17.

Clinton Refrigerating Company. (See Wishart, W., and Morrell, assignors.)

Clinton Refrigerating Company. (See Wishart, William, and J. O., assignors.)

Clinton, Richard, Pinckney, assignor to The Star Wire Hanger Company, Detroit, Mich. Spacing tool. 1,448,829; Mar. 20.

Cliquot Club Company. (See Cushman, Horace M. and C. M., Washburn, and Kimball, assignors.)

Clisby, Roy E., assignor to The Sterling Machine & Stamping Company, Wellington, Ohio. Combination bail ear and handle. 1,448,727; Mar. 20.

Cloer, William R., Legerwood, N. C. Jar holder. 1,477,865; Dec. 18.

Clopton, William H., jr., Camp Meade, Md. Wrench. 1,450,973; Apr. 10.

Close Brothers & Company Limited. (See Gimson, Joseph F., assignor.)

Close, James B. (See Abbott, R. H. S., and Close.)

Close, Lyman W., assignor to The Bock Bearing Company, Toledo, Ohio. Vehicle. 1,464,922; Aug. 14.

Close, Lyman W., assignor to The Bock Bearing Company, Toledo, Ohio. Roller bearing. 1,477,164; Dec. 11.

Clossmann, Julius, and H. Halberstadt, Vienna, Austria. Arc-preventing device. 1,471,240; Oct. 16.

Clossmann, Julius, and H. Halberstadt, Vienna, Austria. Automatic electric-circuit breaker. 1,471,241; Oct. 16.

Clossmann, Julius, Vienna, Austria. Switch device. 1,471,242; Oct. 16.

Closz, Charles, Company. (See Campbell, William H., assignor.)

Clotworthy, Guy H., Calgary, Alberta, Canada. Automobile signal. 1,448,728; Mar. 20.

Cloud, John W., London, England, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Feed-valve device. 1,452,068; Apr. 17.

Cloud, William S., assignor to J. D. Roszell, Peoria, Ill. Process and apparatus for making confections. 1,462,883; July 24.

Cloudesley, Oswald, et al. (See Easton, Rowland W., assignor.)

Cloudsley, John L., et al. (See Easton, Rowland W., assignor.)

Clough, Frederic H., Hillmorton, near Rugby, England, assignor to General Electric Company. Ship-propulsion system. 1,461,575; July 10.

Clough, Frederic H., Hillmorton, near Rugby, England, assignor to General Electric Company. Ship-propulsion system. 1,461,576; July 10.

Clough, Frederic H., Hillmorton, near Rugby, England, assignor to General Electric Company. Dynamo-electric machine. 1,466,654; Aug. 28.

Clough, George B., Meriden, Conn. Price indicator. 1,453,658; May 1.

Clough, James E. (See Fugina, A. R., Clough, and Stilwell.)

Clough, Lee E. (See Dirkson, J. W., and Clough.)

Clough, Percy, Keighley, England. Flier for spinning, twisting, doubling, and analogous machines. 1,460,887; July 3.

Clouser, Harry E., Stockton, and E. R. Thornton, Los Angeles, Calif. Tie for reenforced concrete construction. 1,465,421; Aug. 21.

Cloutier, George, Attleboro, Mass. Separable button. 1,475,750; Nov. 27.

Cloutier, James E., Graceville, Minn. Slide carrier. 1,445,575; Feb. 20.

Clover, Marvin K, et al. (See Clifford, Victor, assignor.)

Clover, Simeon C., et al. (See Clifford, Victor, assignor.)

Cloyd, Oliver H., assignor to C. E. Walker, Peoria, Ill. Manifold and preheater. 1,472,326; Oct. 30.

Cluett, Peabody & Co. (See Baker, James F., assignor.)

Cluett, Peabody & Co. (See Clayton, H. D., Cook, and Cluett, assignors.)

Cluett, Peabody & Co. (See Cluett, Sanford L., assignor.)

Cluett, Peabody & Co. (See Cook, Orville E., assignor.)

Cluett, Peabody & Co. (See Paulson, G. W., and Hill, assignors.)

Cluett, Sanford L. (See Clayton, H. D., Cook, and Cluett.)

Cluett, Sanford L., assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Hinged connection for folder bars. 1,443,345; Jan. 30.

Cluett, Sanford L., assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Folder-bar-controlling device. 1,446,156; Feb. 20.

Cluett, Sanford L., assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Folding machine. 1,446,157; Feb. 20.

Clulee, Harry I., assignor to R. Wallace & Sons Mfg. Co., Wallingford, Conn. Insulated handle for vessels. 1,444,493; Feb. 6.

Clulee, Stephen J., Attleboro, Mass. Temple-bar construction. 1,472,014; Oct. 23.

Clum, Frederick H., assignor of one-half to J. W. Donaldson, Detroit, Mich. Toothbrush and paste holder. 1,451,941; Apr. 17.

Clum, Harry A., Wauwatosa, assignor to Clum Mfg. Co., Milwaukee, Wis. Lock switch. 1,462,684; July 24.

Clum Mfg. Co. (See Clum, Harry A., assignor.)

Clum Mfg. Co. (See Winning, Robert K., assignor.)

Clune, John S., Roselle Park, N. J., assignor to The Conley Foil Company, New York, N. Y. Ornamental product and package. 1,441,266; Jan. 9.

Clune, John S., Roselle Park, N. J., assignor to The Conley Foil Company, New York, N. Y. Composite metal-foil sheet. 1,445,070; Feb. 13.

Clutch, Charles C., Yorklyn, Del. Paper-making machine. 1,466,120; Aug. 28.

Clute, Arthur P. (See Dary, E. G., and Clute.)

Clutter, Le Roy P., Uniontown, Pa. Coupling device. 1,453,922; May 1.

Clyde Iron Works. (See Bjorge, Oscar B., assignor.)

Clyde Iron Works. (See McGiffert, John R., assignor.)

Clymer, James A., Oakland, Calif. Heater. 1,455,076; May 15.

Clymer, Milton G., and A. E. Ritchey, St. Louis, Mo.; said Ritchey assignor of his right to A. B. Remick, St. Louis, Mo. Opening and refinishing cans. 1,446,158; Feb. 20.

Cmejla, Ferdinand A., Milwaukee, Wis. Curtain stretcher. 1,452,415; Apr. 17.

Coady, Frederick A., Long Beach, Calif. Table. Des. 62,564; June 26.

Coakley, Henry, New York, N. Y. Airplane. 1,453,830; May 1.

Coanda, Henri, Paris, France. Trailer box and tank car. 1,458,465; June 12.

Coapman, John, assignor to Russel Motor Axle Company, Detroit, Mich. Making axle housings. 1,440,658; Jan. 2.

Coast Envelope Company. (See Hall, George W., assignor.)

Coaster Company. (See Peterson, Peter R., assignor.)

Coates, Frederick, Wyoming, assignor to The Federal Products Company, Cincinnati, Ohio. Paper container. 1,454,846; May 15.

Coates, Frederick, Wyoming, assignor to The Federal Products Company, Cincinnati, Ohio. Paper or pulp container. 1,456,423; May 22.

Coates, Frederick, Wyoming, assignor to The Federal Products Company, Cincinnati, Ohio. Paper or pulp container. 1,456,424; May 22.

Coates, Frederick, assignor to Federal Products Company, Cincinnati, Ohio. Container top. 1,469,067; Sept. 25.

Coates, Frederick, assignor to Federal Products Company, Cincinnati, Ohio. Automatic carton-body-coating machine. 1,474,997; Nov. 20.

Coates, Frederick, assignor to Federal Products Company, Cincinnati, Ohio. Automatic carton-mouth-coating machine. 1,474,998; Nov. 20.

Coates, Frederick, assignor to Federal Products Company, Cincinnati, Ohio. Automatic carton-head-coating machine. 1,474,999; Nov. 20.

Coates, George B., French, Idaho. Automatic bucket support. 1,441,912; Jan. 9.

Coates, Harry M., Detroit, Mich. Vehicle wheel. 1,442,603; Jan. 16.

Coates, Noel H., Oakland, Calif. Stylographic fountain pen. 1,457,875; June 5.

Coates, Robert, assignor to The Regina Corporation, Rahway, N. J. Handle latch for vacuum cleaners. 1,477,243; Dec. 11.

Coats, Arizonia Z., assignor of one-half to E. Headden, Newbern, Tenn. Sound box. 1,461,597; July 10.

Coats, Edward O., and R. J. Bartholomew, Leeton; said Coats assignor to J. L. Stacy and E. F. Hausam, Sedalia, Mo. Refacing tool. 1,457,725; June 5.

Coats, Frank W., Veedersburg, Ind. Hog crate. 1,447,835; Mar. 6.

Coats, Henry B., Veedersburg, Ind. Vacuum tank for internal-combustion engines. 1,445,390; Feb. 13.

Coats, Henry B., Veedersburg, Ind. Sliding trolley shoe. 1,445,391; Feb. 13.

Coats, Henry B., Veedersburg, Ind. Vacuum tank. 1,457,922; June 5.

Coats, Roy N., Renton, assignor to Pacific Car and Foundry Company, Seattle, Wash. Car brake. 1,451,942; Apr. 17.

Cobaugh, Harry A., East Orange, N. J., assignor to The Rossendale-Reddaway Belting & Hose Co., New York, N. Y. Fabric belt and making the same. 1,478,025; Dec. 18.

Cobb, Anna W. (See Brooks, Charles W., assignor.)

Cobb, Charles L., et al. (See Neil, Joseph B., assignor.)

Cobb, Freeman A., assignor, by mesne assignments, to National Vulcanized Fibre Co., Wilmington, Del. Coating or inking device. 1,475,687; Nov. 27.

Cobb, Henry Z., New York, N. Y., assignor to The Mechanical Rubber Company. Hollow article of rubber or like material and process and apparatus for making same. 1,455,240; May 15.

Cobb, Henry Z., New York, N. Y., assignor to New York Belting and Packing Company. Stop for sewing machines. 1,455,387; May 15.

Cobb, Henry Z., New York, N. Y., assignor to New York Belting and Packing Company. Gang cutter for sheet stock. 1,477,108; Dec. 11.

Cobb, Isaac W., Portland, Me. Door clamp. 1,450,940; Apr. 10.

Cobb, Pope, Brownsville, Tenn. Bed lock. 1,467,606; Sept. 11.

Cobb, Whitmel S., Birmingham, Ala. Stove attachment for grates. 1,444,903; Feb. 13.

Cobb, William F., Putney, Vt. Toy. 1,475,339; Nov. 27.

Cobbell, August, Pittsburgh, Pa. Safety device for windows. 1,448,729; Mar. 20.

Cobean, Warren R. (See Carrau, S., and Cobean.)

Coberly, Clarence J., Los Angeles, Calif. Motion-picture film. 1,455,428; May 15.

Coberly, Clarence J., Los Angeles, Calif. Motion-picture film. 1,471,592; Oct. 23.

Coble, Albert H., Frankfort, Ind. Color game. 1,443,346; Jan. 30.

Coblentz, William W., Washington, D. C. Optical method for producing pulsating electric current. 1,450,061; Mar. 27.

Coblentz, William W., Washington, D. C. System of electrical control. 1,458,165; June 12.

Coburn, John M., and J. M. McCrary, Long Beach, Calif. Valve grinder. 1,461,267; July 10.

Coburn, Richard G., Chicago, Ill. Sand-blast nozzle. 1,472,015; Oct. 23.

Cobus, Lawrence J., Milwaukee, Wis. Controlling-member attachment. 1,454,314; May 8.

Cochran, Eugene S. (See McCrosson, John T., assignor.)

Cochran, Fred J., Mount Vernon, Ill. Roller and ball bearing axle structure. 1,463,196; July 31.

Cochran, Isaac W., Fremont, Ohio. Molding and metal fastener. 1,464,258; Aug. 7.

Cochran, John A., Pasadena, assignor to A. Swanfeldt, Los Angeles, Calif. Awning fixture. 1,454,374; May 8.

Cochran, Ralf S. (See Marsh, H. S., and Cochran.)

Cochran, Royal A. (See Hardy, S. R., and Cochran.)

Cochran, Wesley E., Cleveland, Ohio. Lighting fixture. 1,453,443; May 1.

Cochran, William H., Spartanburg, S. C. Flowerpot. Des. 62,770; July 31.

Cochran, William R., assignor of four-fifths to D. P. Cassidy, J. C. Cross, T. W. Parker, and S. W. Sorensen, Detroit, Mich. Stabilizer for motor-vehicle spring suspensions. 1,457,498; June 5.

Cochrane, Arthur L., Toronto, Ontario, Canada. Clamp. 1,442,468; Jan. 16.

Cochrane, Mark P. (See Hall, G. W., and Cochrane.)

Cock, Frederick D. (See Lodge, Edwin W., assignor.)

Cockbill, Frederick C., Kings Heath, Birmingham, and J. H. V. Grimes, Moseley, Birmingham, England. Cake-icing device. 1,472,022; Oct. 23.
Cockburn, David, and D. MacNicoll, Cardonald, near Glasgow, Scotland. Positively-controlled maneuvering and emergency shut-off valve. 1,445,130; Feb. 13.
Cockburn, David, and D. MacNicoll, Cardonald, near Glasgow, Scotland. Double-beat valve. 1,449,166; Mar. 20.
Cockburn, James B., Falkirk, Scotland. Means for attaching bushes or sockets to platelike bodies by flanging. 1,463,799; Aug. 7.
Cocke, William H. H., jr. (See Smart, H. A., and Cocke.)
Cockrill, John, Jackson, Tenn. Safety device for tractors. 1,454,957; May 15.
Cocoa Products Company of America Incorporated. (See Neilan, T. J., and Zobanaky, assignors.)
Codair, Alexander, Peabody, Mass. Milk-bottle holder. 1,475,934; Dec. 4.
Codding, Chester C., assignor of one-half to G. T. Hunter, Detroit, Mich. Drilling device. 1,459,823; June 26.
Codner, William L., Rochester, N. Y. Minnow pail. 1,444,412; Feb. 6.
Codrick, John. (See Camarata, V., Codrick, and Danley.)
Codrick, John, et al. (See Peterson, Edwin A., assignor.)
Codwise, Philip W., Dalton, Mass. Sizing composition and preparing the same. 1,449,892; Mar. 27.
Cody, Martin T., J. Gray, and K. Forbes, Flint, assignors to General Motors Corporation, Detroit, Mich. Combined jamb and buffer for automobile doors. 1,472,715; Oct. 30.
Cody, William E., Chicago, Ill. Display device. 1,441,831; Jan. 9.
Coe, Demas S., Richmond, Ind. Multiple-form safety device. 1,474,663; Nov. 20.
Coe, Elmore H., Hewlett, N. Y. Antiskid chain. 1,468,280; Sept. 18.
Coe, Frank M., New York, N. Y. Tractor hitch. 1,444,456; Feb. 6.
Coe, Frank M., New York, N. Y. Wheel grip. 1,448,258; Mar. 13.
Coe, John P. (See Hopkinson, E., and Coe.)
Coe, John P., Hastings-on-Hudson, N. Y., assignor to Morgan & Wright. Preventing transmigration of vulcanizing agent in rubber. 1,469,895; Oct. 9.
Coe Manufacturing Company, The. (See Collier, W. H., and Vance, assignors.)
Coen Co. (See Sherwood, Carlyle J., assignor.)
Coen, Garnet W., San Francisco, Calif. Oil heater. 1,455,164; May 15.
Coen, Garnet W., San Francisco, Calif. Oil burner. 1,466,088; Aug. 28.
Coes, Loring, assignor of one-half to Coes Wrench Company, Worcester, Mass. Nut wrench. 1,464,128; Aug. 7.
Coes Wrench Company. (See Coes, Loring, assignor.)
Coester, George, assignor to Georgia Vita Ligno Co., Brunswick, Ga. Composition for impregnating wood and preparing it. 1,463,674; July 31.
Coeuille, Jules F., Paris, France. Electric soldering iron. 1,470,912; Oct. 16.
Coeur d'Alene Hardware & Foundry Co. (See Bell, H. L., and Coulson, assignors.)
Coeur D'Alene Hardware & Foundry Co. (See Hale, E. L., and Coulson, assignors.)
Coffee, Joseph C., assignor to Wales Adding Machine Company, Wilkes-Barre, Pa. Sign-printing mechanism. 1,445,490; Feb. 13.
Coffeen, Roy, Cleveland, Ohio. Spotlight. 1,448,791; Mar. 20.
Coffey, Cullom W. (See Doty, C. C., and Coffey.)
Coffey, John J., assignor to Bethlehem Steel Company, Bethlehem, Pa. Rivet set and making same. 1,446,879; Feb. 27.
Coffey, John J., assignor to Bethlehem Steel Company, Bethlehem, Pa. Drill shank. 1,457,499; June 5.
Coffey, John J., assignor to Bethlehem Steel Company, Bethlehem, Pa. Removing surface faults from billets. 1,476,593; Dec. 4.
Coffey, Oscar L., assignor to Whiting Corporation, Harvey, Ill. Brake. 1,443,728; Jan. 30.
Coffey, Samuel A., and J. B. Ernsdorff, Yakima, Wash. Motor vehicle. 1,454,105; May 6.
Coffin, Frank M., Pelham, N. Y. Safety elevator interlock. 1,462,264; July 17.
Coffin, Herbert L., New York, N. Y. Airplane. 1,471,243; Oct. 16.
Coffin, Joseph G. (See Bradley, C. E., and Coffin.)
Coffing, Frederick W., Perrysville, Ind. Free-chain hoist. 1,464,259; Aug. 7.
Coffman, Charles M., Gallipolis, Ohio. Scoreboard for shooting tournaments. 1,466,699; Sept. 4.
Coffman, George L. (See Harris, D. L., Coffman, and Resnick.)
Coffman, Herbert, San Mateo, Calif. Smudging and frost-preventing composition. 1,466,331; Aug. 28.
Coffman, Samuel M., Kansas City, Mo. Valve tester. 1,455,077; May 15.
Coffman, Thomas M., assignor of one-half to W. J. Rickerman, Rialto, Calif. Separating device. 1,475,985; Dec. 4.
Coggins, Shirley M., San Francisco, Calif. Folding table. 1,457,618; June 5.
Coghlan, Timothy A., London, England. Treatment of wool to prepare it for manufacture. 1,478,203; Dec. 18.
Cogswell, Leander A., assignor to Lacene Manufacturing Company, Manchester, N. H. Marker for leather graders. 1,477,633; Dec. 18.
Cohan, Florence M., Oakland, Calif. Depilatory compound. 1,474,512; Nov. 20.
Cohane, Sylvester T., Hartford, Conn. Silencer for telephones. 1,444,494; Feb. 6.
Cohee, John A., Narberth, Pa. Child's chair. Des. 61,891; Feb. 6.
Cohen, Abraham, St. Louis, Mo. Showcase refrigerator. 1,473,014; Nov. 6.
Cohen, Anchel, Pittsburgh, Pa. Sanitary garbage receptacle. 1,471,648; Oct. 23.
Cohen, Barney, et al. (See Lehmann, J. C., and Timmerman, assignor.)
Cohen, Charles, Bridgeport, Conn. Bottle holder. 1,451,649; Apr. 10.
Cohen, Charles S. (See Darley, John W., jr., assignor.)
Cohen, Harry, Brooklyn, N. Y., assignor to Anyway Sweeper Manufacturing Company, Inc. Adjustable lock joint. 1,468,659; Sept. 25.
Cohen, Harry M. (See Lenz, C. S., and Cohen.)
Cohen, Isadore, Elizabeth, N. J. Projection lamp. 1,476,149; Dec. 4.
Cohen, Leon, St. Louis, Mo. Combined sweatband and bandeau. 1,469,996; Oct. 9.
Cohen, Louis, Johnstown, N. Y. Windshield cleaner. 1,459,614; June 19.
Cohen, Louis, and J. O. Mauborgne, Washington, D. C. Electrical signaling. 1,476,691; Dec. 11.
Cohen, Maxwell, assignor to American Film Cleaning Machine Company, Brooklyn, N. Y. Film-cleaning apparatus. 1,454,703; May 8.
Cohen, Morris. (See Leibow, D., and Cohen.)
Cohen, Myer, Revere, Mass. Coin-controlled lock. 1,450,355; Apr. 3.
Cohen, Samuel, Brooklyn, N. Y. Audio-frequency coupling transformer. 1,457,619; June 5.
Cohen, Wolfe, Revere, Mass. Coin-controlled dispensing apparatus. 1,457,300; June 5.
Cohn, Abraham, St. Louis, Mo. Combined cushion shoe heel and arch support. 1,476,690; Dec. 11.
Cohn, Albert. (See Debs, Louis H., assignor.)
Cohn, Alexander B., New York, N. Y. Friction drive for sewing machines. Re15,726; Nov. 27.
Cohn, Clarence A., et al. (See Brenner, Herman D., assignor.)
Cohn, Milton M., et al. (See Brenner, Herman D., assignor.)
Cohoon, Robert S., assignor to Southern Cement Machine Company, Orlando, Fla. Concrete-block machine. 1,461,413; July 10.
Coin Sorting and Counting Company. (See Brennan, William J., assignor.)
Coit, Harry L., Bridgeport, Conn. Check protector. 1,455,904; May 22.
Coker, Thomas H. (See Collins, F. D., and Coker.)
Colardeau, Emmanuel L. P., assignor to H. Crochat, Paris, France. Electric generating group. 1,458,806; June 12.
Colbentson, Oliver S., Toronto, Ontario, Canada. Shoulder rest for violins and the like. 1,455,992; May 22.
Colbert, Clarence F., Mobile, Ala., assignor to H. Scarborough, Milwaukee, Wis. Combined liquid and bulk filling machine. 1,445,297; Feb. 13.
Colborne Manufacturing Company. (See Smith, Dennis W., assignor.)
Colborne Manufacturing Company. (See Smith, D. W., and Church, assignors.)
Colburn, Charles H., Hamlin, N. Y. Power-driven sleigh. 1,473,281; Nov. 6.
Colburn, Ernest A. (See Colburn, Herbert C. and E. A.)
Colburn Flotation & Engineering Company, The. (See Colburn, Herbert C. and E. A., assignors.)
Colburn, Herbert C. and E. A., assignors to The Colburn Flotation & Engineering Company, Denver, Colo. Mixing apparatus. 1,468,226; Sept. 18.
Colby, Frederick W., Boston, Mass. Telephone index. 1,445,202; Feb. 13.
Colby, George R., Portland, Oreg. Compression inner tube for tires. 1,460,533; July 3.
Colby, Ora A., Irwin, Pa., assignor to Westinghouse Electric and Manufacturing Company. Thermostat and control system. 1,446,880; Feb. 27.
Colby, Ora A., Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric-furnace resistor. 1,448,388; Mar. 13.
Colby, Ora A., Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric percolator. 1,448,389; Mar. 13.
Colby, Ora A., Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company. Salt-bath furnace. 1,454,847; May 15.
Colby, Ora A., Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric iron. 1,475,751; Nov. 27.
Colby, Ora A., Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric furnace. 1,477,313; Dec. 11.

Colby, Ora A., Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric-flatiron cut-out. 1,477,314; Dec. 11.
Colby, Ora A., Larimer, Pa., assignor to Westinghouse Electric & Manufacturing Company. Thermal relay. 1,464,498; Aug. 14.
Colby, Ora A., Irwin, and T. A. Reid, Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company. Electric-furnace resistor mounting. 1,464,499; Aug. 14.
Colby, Zenas E., Bay City, Mich. Hoisting apparatus. 1,456,488; May 22.
Coiclough, William, assignor to The American Laundry Machinery Company, Norwood, Ohio. Padding-cover clamp for pressing machines. 1,455,108; May 15.
Coldwell, John S., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Motor-driving mechanism. 1,473,015; Nov. 6.
Cole, Albert J., et al. (See Sloan, Peter J., assignor.)
Cole, Albert L., Auburndale, assignor to F. C. Parmenter, Gloucester, Mass. Fire extinguisher. 1,475,752; Nov. 27.
Cole, Alexander, Lymm, England. Fiber-board and like box. 1,469,622; Oct. 2.
Cole, Arthur D. (See Geiger, David F., assignor.)
Cole, Claude F., Athens, Pa. Pedal-carried circuit maker and breaker. 1,461,380; July 10.
Cole, Clifford E., Birmingham, Ala. Hot-water-tank heater. 1,452,676; Apr. 24.
Cole, Clifford M., Los Angeles, Calif. Light reflector. 1,463,546; July 31.
Cole, Don, assignor of one-half to J. A. Dienner, Chicago, Ill. Method of and means for maintaining the cooling water of a marine engine at a relatively high temperature. 1,448,899; Mar. 20.
Cole, Don, assignor of one-half to J. A. Dienner, Chicago, Ill. Internal-combustion engine, method of and means for feeding the same. 1,450,250; Apr. 3.
Cole, Don, assignor to Stromberg Motor Devices Company, Chicago, Ill. Carburetor. 1,470,616; Oct. 16.
Cole, Don, and C. J. Gustafson, assignors to Stromberg Motor Devices Company, Chicago, Ill. Carburetor. 1,461,970; July 17.
Cole, Dwight S., Grand Rapids, Mich. Gas burner. 1,468,356; Sept. 18.
Cole, Eugene S., Covington, Pa. Tractor. 1,459,361; June 19.
Cole, Frank H., Chelsea, Mass. Pump. 1,459,360; June 19.
Cole, George H., Wenona, Ill. Hand-stamp-assembling machine. 1,461,971; July 17.
Cole, George W., jr., Paterson, N. J., Treating silk. 1,446,834; Feb. 27.
Cole, Henry A., Weston-super-Mare, England. Apparatus for drying and polishing glasses and analogous articles. 1,460,092; June 26.
Cole, Jacob, et al., trustees. (See Kueffer, Frederich W., assignor.)
Cole, Leonard J., and E. C. Hauck, assignors to Tri-Me Manufacturing Co. Inc., Buffalo, N. Y. Combined cleaner, rain deflector, and light guard for windshields. 1,472,553; Oct. 30.
Cole, Lyndon C., Hamilton, Ohio, assignor to Niles-Bement-Pond Company, New York, N. Y. Pneumatic tool holder. 1,475,278; Nov. 27.
Cole, Perino B., Cambridge, Nebr. Turntable. 1,446,614; Feb. 27.
Cole, Philip G., Forest Hills, assignor to A. Schrader's Son, Incorporated, Brooklyn, N. Y. Valve cap. 1,476,054; Dec. 4.
Cole, Rex J., assignor to Duplexalite Corporation, New York, N. Y. Lighting fixture. Des. 62,360; May 15.
Cole, Robert C., assignor to Johns-Pratt Company, Hartford, Conn. Renewable inclosed electric fuse. 1,440,909; Jan. 2.
Cole, Robert M., assignor of one-half to P. O. Collins, Sandusky, Ohio. Sublimating apparatus. 1,445,870; Feb. 20.
Cole, Wallace A. (See Eastman, Adam E., assignor.)
Cole, Walter J., Bristol, Va. Bed bottom. 1,447,294; Mar. 6.
Cole, William, and J. Goudie, Ironwood, Mich. Shoveling machine. 1,440,910; Jan. 2.
Cole, William H., Newark, N. J. Making master phonograph records. 1,448,792; Mar. 20.
Cole, Winfield S., Johnstown, N. Y. Bail lock. 1,449,267; Mar. 20.
Colentti, Carlo, Milan, Italy. Draft device for furnaces. 1,444,662; Feb. 6.
Colebrook, Frederick C. T., London, England. Rotary motor, pump, and the like. 1,467,837; Sept. 11.
Colebrookdale Iron Company. (See Sabold, Oliver W., assignor.)
Colegrove, Charles E., East Cleveland, assignor to White Sewing Machine Company, Cleveland, Ohio. Electrically-driven drophead sewing machine. 1,467,134; Sept. 4.
Coleman, Carl C., et al. (See Monroe, Elmer L., assignor.)
Coleman, Carl J., Minneapolis, Minn. Means for lubricating leaf springs. 1,465,778; Aug. 21.
Coleman, Carmen Z., San Francisco, Calif. Electric motor. 1,444,495; Feb. 6.
Coleman, Charles W., London, England, assignor to The Tabor Manufacturing Company, Philadelphia, Pa. Method and apparatus for forming sand molds. 1,475,935; Dec. 4.
Coleman, Clifford M., Denver, Colo. Hose-protector attachment for shoes. 1,444,166; Feb. 6.
Coleman, David A., Co. (See Hahn, Harry W., assignor.)
Coleman, George B., San Francisco, Calif., assignor to Majik Electric Appliance Company. Household mixer and beater. 1,460,125; June 26.
Coleman, George B., assignor to Coleman X-Ray Company, San Francisco, Calif. Method and apparatus for rectifying polyphase currents. 1,462,632; July 24.
Coleman, George B., assignor to Coleman X-Ray Company, San Francisco, Calif. Producing direct current from an alternating circuit and means therefor. 1,462,633; July 24.
Coleman, George B., assignor to Coleman X-Ray Company, San Francisco, Calif. Means and method of conversion between alternating and direct currents. 1,462,634; July 24.
Coleman, Hamilton D., near Biloxi, Miss. Crutch seat. 1,463,675; July 31.
Coleman, Robert H. (See Spilman, William M., assignor.)
Coleman, Samuel H., Villisca, Iowa. Animal trap. 1,442,252; Jan. 16.
Coleman, Thomas, jr., Clarksburg, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Mold. 1,466,640; Aug. 28.
Coleman, Thomas E., Madison, Wis. Distributor for lubricators. 1,468,802; Sept. 25.
Coleman, William C., Wichita, Kans. Air pump. 1,447,963; Mar. 13.
Coleman, William C., Wichita, Kans. Air-pump piston. 1,447,964; Mar. 13.
Coleman, William C., Wichita, Kans. Hydrocarbon-fuel burner. 1,465,422; Aug. 21.
Coleman, William N., jr., Culverton, Ga. Cutter and guard for mowers. 1,454,704; May 8.
Coleman X-Ray Company. (See Coleman, George B., assignor.)
Coles, George J., deceased; S. G. Coles executrix, Gateshead, England. Automatic coupling for railway and similar vehicles. 1,472,241; Oct. 30.
Coles, James G., assignor of one-third to C. H. Rightnour and one-third to W. E. Scutchall, Hopewell, Pa. Threadless bolt. 1,476,491; Dec. 4.
Coles, Sarah G., executrix. (See Coles, George J.)
Colette, George A., Blanchard, Wash. Automobile polish. 1,453,003; Apr. 24.
Colgan, A. H., et al. (See Smith, William J., assignor.)
Colgan, Edward J., Kansas City, Mo. Battery shock absorber. 1,459,973; June 26.
Colgan, John P., assignor of one-fourth to J. D. Blalock and one-fourth to J. N. Stinson, Waycross, Ga. Air-discharge valve. 1,444,235; Feb. 6.
Colgate, William A., Garden City, N. Y. Bearing device for circle swings. 1,477,429; Dec. 11.
Coligny, Marjorie, New York, N. Y. Doll. Des. 63,358; Nov. 27.
Colingham, Arthur B. (See Malcolm, Horace C., assignor.)
Coll, Edward. (See Carson, G. C., Coll, and Christensen.)
Colla, Joseph, Issoire, France. Brake control for front wheels of motor vehicles. 1,477,037; Dec. 11.
Collamer, Clara B., now by judicial change of name Clara B. Brolliar, Fort Collins, Colo. Aquarium. 1,444,376; Feb. 6.
Collamer, Eugene E. and G. R., Hilton, N. Y., assignors of one-third to J. B. Frey Company, Inc., Rochester, N. Y. Barrel-centering device. 1,443,347; Jan. 30.
Collamer, George R. (See Collamer, Eugene E. and G. R.)
Colliau, Victor, assignor to Standard Gear Company, Detroit, Mich. Clutch. 1,475,564; Nov. 27.
Collier, George A., Nottingham, England. Pump. 1,445,003; Feb. 13.
Collier, James, assignor to S. C. Johnson & Son, Racine, Wis. Brush. 1,453,306; May 1.
Collier, Paul R., Philadelphia, Pa. Tilting headlight device for automobiles and other vehicles. 1,468,260; Sept. 18.
Collier, Shade B., Orlando, Calif. Clamp lug for tire rims. 1,447,710; Mar. 6.
Collier, Shade B., Orlando, Fla. Rotary internal-combustion engine. 1,464,408; Aug. 7.
Collier, Thomas, Colne, England. Furnace of steam boilers. 1,455,429; May 15.
Collier, William H., Painesville, Ohio. Mechanism for synchronizing mechanical movements. 1,471,450; Oct. 23.
Collier, William H., Painesville, Ohio. Splint machine. 1,473,545; Nov. 6.
Collier, William H., and A. J. Vance, assignors to The Coe Manufacturing Company, Painesville, Ohio. Drier. 1,447,836; Mar. 6.
Collignon, William C., Chicago, Ill. Speed governor for pneumatic motors. 1,460,705; July 3.
Collin, George W., Bridgeport, Conn. Automatic steam trap. 1,455,021; May 15.
Collin, Louis T., Sacred Heart, Minn. Cornstalk lifter. 1,458,875; June 12.

Collingham, Robert H., Rugby, England, assignor to General Electric Company. Regulating means for compressors, blowers, or the like. 1,466,295; Aug. 28.

Collings, William R. (See Cottringer, P., and Collings.)

Collingwood, John M., Wichita, Kans. Water-driven pump. 1,455,078; May 15.

Collins, A. M., Manufacturing Company. (See Gillbee, Manuel A. T., assignor.)

Collins, Amos, Canton, assignor of one-half to himself and one-half to C. H. Taylor, jr., Boston, Mass. Attachment for saw trimmers. 1,443,008; Jan. 23.

Collins, Bertrand R. T., Newton Center, assignor to Spray Engineering Company, Boston, Mass. Method, system, and apparatus for log-pile fire prevention. 1,475,052; Nov. 20.

Collins, Calhoun, Bakersfield, Calif. Hasp fastener. 1,473,080; Nov. 6.

Collins, Charles H., Colonie, N. Y. Axminster loom. 1,443,729; Jan. 30.

Collins, Charles H., West Albany, N. Y. Tube frame for Axminster looms. 1,452,791; Apr. 24.

Collins, Charles S., New York, and L. Roessel, Brooklyn, N. Y. Method and apparatus for proportionally regulating the flow of fluids. 1,452,265; Apr. 17.

Collins, Charles S., New York, and L. Roessel, Brooklyn, N. Y. Apparatus for controlling the maximum flow of fluids. 1,477,244; Dec. 11.

Collins, Charles T., Chicago, Ill., assignor to Donna Lee Perfumed Deodorant Company. Plaque or ornament. Des. 62,559; June 19.

Collins, Cornelius, Burlingame, Calif. Frame construction for fireproof walls or partitions. 1,455,711; May 15.

Collins, Cornelius, Los Angeles, Calif. Frame construction for fireproof walls or partitions. 1,455,712; May 15.

Collins, Earl F., Charleston, W. Va. Identification sign for optometrists. Des. 62,771; July 31.

Collins, Elizabeth F., West Bangor, N. Y. Ice-cream freezer. 1,441,832; Jan. 9.

Collins, Francis E., Conshohocken, Pa. Pressure oil filter. 1,456,095; May 22.

Collins, Francis E., Conshohocken, Pa. Damper regulator. 1,465,624; Aug. 21.

Collins, Frank, New York, N. Y. Telephone cabinet or housing. 1,457,347; June 5.

Collins, Frank D., and T. H. Coker, Hartsville, S. C. Hook and eye. 1,458,807; June 12.

Collins, Frederic, Philadelphia, Pa. Adding machine. 1,458,642; June 12.

Collins, Frederick H., and M. L. Pellett, Vallejo, Calif. Garbage incineration. 1,468,137; Sept. 18.

Collins, George, assignor to J. J. Bleadon, Chicago, Ill. Discharge tube for electrical apparatus. 1,449,167; Mar. 20.

Collins, George B., Port Arthur, Tex., assignor to The Texas Company. Clip-forming machine. 1,446,615; Feb. 27.

Collins, George J. S., St. Louis, Mo. Valve-seating tool. 1,455,388; May 15.

Collins, George S., Meadville, Pa. Locking device for plugs. 1,474,239; Nov. 13.

Collins, Grellet N., Narberth, Pa. Riddle. 1,465,931; Aug. 28.

Collins, Grellet N., Narberth, Pa. Riddle. 1,468,261; Sept. 18.

Collins, Harry, Sweetwater, Tex. Grapple. 1,450,020; May 15.

Collins, Harry L., Delmar, Iowa. Tank heater. 1,458,572; June 12.

Collins, Harry R., assignor to Fuller-Lehigh Company, Allentown, Pa. Separator. 1,444,585; Feb. 6.

Collins, Henry J., Providence, R. I. Traffic signal for vehicles. 1,454,726; May 8.

Collins, James E. (See Koon, A. J., Hoogerhyde, and Collins.)

Collins, James G., assignor to Atlas Press Company, Kalamazoo, Mich. Mandrel and straightening press. 1,457,020; May 29.

Collins, James H., Harrisburg, Pa. Toy vehicle. 1,443,348; Jan. 30.

Collins, Jeffrey N., Jackson, Mich. Automobile top construction. 1,444,413; Feb. 6.

Collins, John F., Philadelphia, Pa. Can-top vent. 1,467,706; Sept. 11.

Collins, John H., deceased, Los Angeles, Calif.; L. P. Collins, administratrix. Pump. 1,474,317; Nov. 13.

Collins, John T., Kokomo, Ind. Heater. 1,464,560; Aug. 14.

Collins, Lottie P., administratrix. (See Collins, John H.)

Collins, Maurice W., Cheyenne, Wyo. Railway-car wheel block. 1,445,071; Feb. 13.

Collins, Paul O. (See Cole, Robert M., assignor.)

Collins, Peter J., Brooklyn, N. Y. Thermostatic valve. 1,453,272; May 1.

Collins, Timothy M., Chicago, Ill. Grip mechanism. 1,446,881; Feb. 27.

Collins, Walter F., Pueblo, Colo. Tractor. 1,442,383; Jan. 16.

Collins, Walter H. (See Moore, Max J., assignor.)

Collins, Wesley T., and C. B. Adams, assignors to The A. C. Gas Register Company, Colorado Springs, Colo. Pump-controlled recording apparatus. 1,460,367; July 3.

Collins, William B., Ben Avon Borough, Pa. Dispensing packet for waxed paper. 1,463,503; July 31.

Collins, William D., and G. W. H. Allen, Cazenovia, N. Y. Direction and stop signal. 1,465,596; Aug. 21.

Collins, William D., Pasadena, Calif., and G. W. H. Allen, Cazenovia, N. Y. Electric switch. 1,470,059; Oct. 9.

Collinson, Edward J., and A. Hodgins, Cleveland, Ohio. Phonograph cabinet and table. 1,443,730; Jan. 30.

Collion, Nicholas, Milwaukee, Wis. Gear-shift lock. 1,453,004; Apr. 24.

Collip, James B. (See Banting, F. G., Best, and Collip.)

Collis, O. D. (See Cushman, Everett B., assignor.)

Collis, Oliver D., Clinton, Iowa. Feeding hopper. 1,469,226; June 26.

Collman, Harry, et al. (See Collman, Maurice, assignor.)

Collman, Maurice, assignor of one-sixth to H. Collman, Akron, one-sixth to E. P. Rogers, and one-half to The Investors Securities Company, Denver, Colo. Liquid and gaseous fuel burner. 1,456,785; May 29.

Collver, Harold E., Simcoe, Ontario, Canada, assignor, by mesne assignments, to E. S. Wertz, Cleveland, Ohio. Method of and apparatus for treating fluids. 1,466,579; Aug. 28.

Collver, Harold E., Simcoe, Ontario, Canada, and C. R. Mabee, Buffalo, N. Y. Food compound and producing the same. 1,453,752; May 1.

Collver, William A., Marshfield, Oreg. Heating system. 1,467,229; Sept. 4.

Collyer, William W., assignor to The Hat Manufacturers Supply Company, Limited, Stockport, England. Sweatband for hats. 1,476,492; Dec. 4.

Colman, Howard D., assignor, by mesne assignments, to Barber-Colman Company, Rockford, Ill. Machine for operating upon warps. 1,442,776; Jan. 16.

Colman, Howard D., assignor, by mesne assignments, to Barber-Coleman Company, Rockford, Ill. Bobbin and yarn package. 1,444,414; Feb. 6.

Colman, Howard D., assignor, by mesne assignments, to Barber-Colman Company, Rockford, Ill. Eccentricity-preventing means for warpers. 1,444,415; Feb. 6.

Colman, Howard D., Rockford, assignor, by mesne assignments to E. S. Nethercut, Evanston, Ill. Stopping and restarting mechanism. 1,446,451; Feb. 27.

Colman, Howard D., assignor to Barber-Colman Company, Rockford, Ill. Knotter. 1,450,941; Apr. 10.

Colman, Howard D., assignor to Barber-Colman Company, Rockford, Ill. Machine for operating upon warps. 1,450,942; Apr. 10.

Colman, Howard D., Rockford, assignor, by mesne assignments, to E. S. Nethercut, Evanston, Ill. Winder. 1,475,688; Nov. 27.

Colmar Burner Company. (See Blanchard, George N., assignor.)

Colmar Burner Company. (See Blanchard, G. N., and Colmar, assignors.)

Colmar, Clarence F. (See Blanchard, G. N., and Colmar.)

Colnot, Henri, Paris, France. Internal-combustion engine. 1,451,417; Apr. 10.

Colombani, Colomban, Bondy, assignor to J. M. A. Darlin, Paris, France. Spring clip. 1,469,623; Oct. 2.

Colombelle, Henri, Le Raincy, France. Portable drilling machine. 1,459,195; June 19.

Colombino, Rino, Turin, Italy. Intermediate wind screen for motor cars. 1,467,531; Sept. 11.

Colombino, Rino, Turin, Italy. Wind screen for motor vehicles. 1,469,071; Sept. 25.

Colona Manufacturing Company. (See Shrum, Peter J., assignor.)

Colona Manufacturing Company. (See Shrum, P. J., and Henigen, assignors.)

Colonial Engineering Company, The. (See Kloman, Charles A., assignor.)

Colonial Metal Products Company, The. (See Vandercar, William J., assignor.)

Colonial Sign and Insulator Company, The. (See Hemphill, James R., assignor.)

Colosi, Demenico, Boston, Mass. Envelope-delivery machine. 1,455,241; May 15.

Colpitts, Edwin H., East Orange, N. J., assignor, by mesne assignments, to Western Electric Company, Incorporated. Control device for wireless signaling. Re. 15,538; Feb. 13.

Colpitts, Edwin H., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. High-frequency signaling. 1,452,957; Apr. 24.

Colpitts, Edwin H., East Orange, N. J., assignor, by mesne assignments, to Western Electric Company, Incorporated. Multiplex radiotelegraph system. 1,465,932; Aug. 28.

Colpitts, Edwin H., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Multiplex signaling system. 1,472,585; Oct. 30.

Colpus, Charles. (See McArthur, G., Colpus, Scammell, and Thompson.)

Colsman, Carl, Werdohl, Germany. Sheet-metal receptacle. 1,468,877; Sept. 25.

Colson, Charles H., Des Moines, Iowa. Parcel-post computing scale. 1,468,227; Sept. 18.

Colson Company, The. (See Roe, Mayo E., assignor.)

Colson, Erick G., Glen Morris, N. Y. Tool. 1,462,101; July 17.
Colson, Hardy H., Elsie, Nebr. Cow hopple. 1,473,176; Nov. 6.
Colstad, Charles N., Norfolk Downs, Mass. Shock absorber. 1,470,148; Oct. 9.
Coltharp, James, Blue Mountain, Miss. Cotton chopper. 1,443,562; Jan. 30.
Columbia Axle Company, The. (See Harper, George W., assignor.)
Columbia Axle Company, The. (See Jeffrey, Max L., assignor.)
Columbia Graphophone Manufacturing Company. (See Akerly, Frank F., assignor.)
Columbia Graphophone Manufacturing Company. (See Barrows, Frank W., assignor.)
Columbia Graphophone Manufacturing Company, The. (See Burroughs, Charles F., assignor.)
Columbia Graphophone Manufacturing Company. (See de Stubner, Emile, assignor.)
Columbia Graphophone Manufacturing Company. (See Forse, W. T., Jones, and Walters, assignors.)
Columbia Graphophone Manufacturing Company. (See Roberts, Theodore C., assignor.)
Columbia Graphophone Manufacturing Company. (See Yerkes, Hulbert A., assignor.)
Columbia Machine and Stopper Co. (See Kendall, Carl W., assignor.)
Columbia Machine Tool Co. (See Yingling, Frank B., assignor.)
Columbian Rope Company. (See Kinney, John J., assignor.)
Columbian Rope Company. (See Reber, James B., assignor.)
Columbus Dental Manufacturing Company, The. (See Steele, Thomas, assignor.)
Columbus Heating and Ventilating Company, The. (See Wolfe, Jay A., assignor.)
Columbus McKinnon Chain Co., The. (See Le Messurier, F. C., and Stahl, assignors.)
Colvin, Chase, South Charleston, Ohio. Farm gate. 1,449,587; Mar. 27.
Colvin, Isaac E., assignor to The Pfaudler Company, Rochester, N. Y. Spray coil. 1,472,586; Oct. 30.
Colvin, Milton N., Komoka, Ontario, Canada. Spoke grip. 1,452,908; Apr. 24.
Colwell, Henry L. (See Hamilton, Walter W., assignor.)
Combaz, Alfred, St. Boniface, Manitoba, Canada. Exhaust silencer. 1,477,315; Dec. 11.
Comber, Joseph I., Philadelphia, Pa. Device for the promotion of piety, religious devotion, and high idealistic sentiments. 1,472,746; Oct. 30.
Combest, Thomas E., Van Nuys, Calif. Potato-frying device. 1,470,521; Oct. 9.
Combination Lock Company, The. (See Powers, John T., assignor.)
Combination Machine Company. (See Peterson, Jonathan, assignor.)
Combination Machine Company. (See Peterson, J., and Thom, assignors.)
Combination Machine Company. (See Thom, James C., assignor.)
Combs, Charles T., et al. (See Combs, William J., assignor.)
Combs, Mason, Pineville, Ky. Stopper. 1,478,891; Dec. 25.
Combs, Wilbur M., assignor to A. H. Sherman, Lyons, N. Y. Grain-car door. 1,463,772; July 31.
Combs, William J., assignor of thirty per cent to W. J. McKone and thirty per cent to C. T. Combs, Otterbein, Ind. Signal for vehicles. 1,465,210; Aug. 14.
Combustion Engineering Corporation. (See Espenschied, Frederic F., assignor.)
Combustion Engineering Corporation. (See Kreisinger, Henry, assignor.)
Comeau, Joseph, Providence, R. I. Attachment for ladders. 1,478,941; Dec. 25.
Comegys, Edward F. (See Hormann, Diedrich, F., assignor.)
Comer, John P., Cleveland, Ohio. Shoe-stretching machine. 1,448,522; Mar. 13.
Comerford, Patrick, Victoria, British Columbia, Canada. Railway-switch lock. 1,452,069; Apr. 17.
Comfo Electric Iron Company. (See Hoofnagle, William T., assignor.)
Comfort, Edward W., Winchester, assignor to Parks-Cramer Company, Fitchburg, Mass. Automatic indicator of wet and dry bulb temperature and relative humidity. 1,476,799; Dec. 11.
Comfort, Ethel N. (See Comfort, Ralph M., assignor.)
Comfort, Ralph M., assignor to E. N. Comfort, New York, N. Y. Coupon ticket. 1,468,592; Sept. 18.
Comfort Safety Razor and Novelty Co. Inc. (See Kulhawy, Ferdinand, assignor.)
Comlossy, George L., Toledo, Ohio. Packing guide for fruit and vegetable containers. 1,477,542; Dec. 18.
Comly, Ella P. (See Comly, James F., assignor.)
Comly, James F., assignor to E. P. Comly, New Lexington, Ohio. Nut lock. 1,474,579; Nov. 20.
Comly, James I., Harrisburg, Pa. Overhead catenary suspension construction for transmitting electricity to vehicles. 1,476,052; Dec. 4.
Commercial Camera Company. (See Greene, John S., assignor.)
Commercial Furniture Company. (See Stringe, Alfred H., assignor.)
Commonwealth Engineering Company. (See Lawrence, George R., assignor.)
Commonwealth Manufacturing Company. (See Dumont, Joseph, assignor.)
Commonwealth Steel Company. (See Beckette, Edmund S., assignor.)
Commonwealth Steel Company. (See Ingersoll, Howard L., assignor.)
Commonwealth Steel Company. (See Pflager, Harry M., assignor.)
Commonwealth Steel Company. (See Sheehan, William M., assignor.)
Commonwealth Steel Company. (See Westlake, Charles T., assignor.)
Como, Alma, Edgerly, La. Operating mechanism for harvesters. 1,464,808; Aug. 14.
Compagne D'Applications Mecaniques. (See Rouanet, Louis, assignor.)
Compagnie des Forges et Acieries de la Marine et d'Homecourt. (See Rimailho, Emile, assignor.)
Compagnie Generale d'Electricite. (See Van de Wiel, Fernand, assignor.)
Compagnie pour la Fabrication des Compteurs et Materiel d'Usines a Gaz. (See Millet, Laurent, assignor.)
Compo Manufacturing Company, The. (See Holzhausen, Richard J., assignor.)
Composition Machinery Corporation. (See Burroughs, Charles F., assignor.)
Compton, Charles W., Wooster, Ohio. Star namer. 1,462,323; July 17.
Compton, Edward J., assignor of one-third to A. Pritchard and one-third to J. Noel, Kazubazua, Quebec, Canada. Wheat temperer. 1,478,734; Dec. 25.
Compton, Henry P., assignor to Easy Rider Knee Pad Co., Georgetown, Tex. Knee pad. 1,449,656; Mar. 27.
Compton, John H., London, England. Expressive-touch action for organs and like instruments. 1,471,318; Oct. 16.
Compton, L. T. (See Akers, John M. and W. C., assignors.)
Compton, Theodore, Indianapolis, Ind. Excavator and loader. 1,465,971; Aug. 28.
Computing Scale Company, The. (See Boyer, Frederick G. L., assignor.)
Computing Scale Company, The. (See Hopkinson, Joseph, assignor.)
Computing Scale Company, The. (See King, Bert W., assignor.)
Computing-Tabulating-Recording Co. (See Craig, Robert, assignor.)
Comstock, Daniel F., Cambridge, Mass., assignor to Kalmus, Comstock & Wescott, Inc., Boston, Mass. Light projection. 1,443,731; Jan. 30.
Comstock, Daniel F., Cambridge, assignor, by mesne assignments, to Technicolor Motion Picture Corporation, Boston, Mass. Cinematographic film. 1,457,500; June 5.
Comstock, Daniel F., Cambridge, assignor to Kalmus, Comstock & Wescott, Inc., Boston, Mass. Production of complemental images. 1,460,706; July 3.
Comstock, Daniel F., Cambridge, and J. A. Ball, Wollaston, assignors, by mesne assignments, to Technicolor Motion Picture Corporation, Boston, Mass. Cinematographic film. 1,451,325; Apr. 10.
Comstock, Dorothy D., Dedham, Mass. Portable crib. 1,463,459; July 31.
Comstock, George S., jr., Steelton, assignor to Bethlehem Steel Company, Bethlehem, Pa. Apparatus for handling pulverulent material. 1,469,311; Oct. 2.
Comstock, Hiram A., Thomaston, Me. Knife. 1,443,701; Jan. 30.
Comstock, Jackson D., Chester, W. Va. Decorating automobile tire casings. 1,448,286; Mar. 13.
Comstock, Jackson D., Chester, W. Va. Automobile tire. Des. 62,667; July 17.
Comstock, Jackson D., and I. E. Fair, Chester, W. Va. Tire tread. Des. 63,048; Sept. 25.
Comstock, Roger H., Milford, Conn. Flowerpot handle. 1,472,461; Oct. 30.
Conaghan, Victor L., Wichita, Kans. Oil-well underreamer. 1,471,102; Oct. 16.
Conant, Albert B., Newton Center, and L. A. House, Boston, Mass. Fluid-governed electric switch. 1,469,497; Oct. 2.
Conant, Arthur P. (See Wadsworth, A. W., and Conant.)
Conant, Arthur P., Fort Thomas, assignor to The Wadsworth Watch Case Company, Dayton, Ky. Watchcase bow. Des. 63,453; Dec. 11.
Conant, Arthur P., Fort Thomas, assignor to The Wadsworth Watch Case Company, Dayton, Ky. Watchcase dial. Des. 63,454; Dec. 11.
Conant, William H. (See Lusk, Myron E., jr., assignor.)
Conard, Frederick U., Brooklyn, assignor to Underwood Computing Machine Company, New York, N. Y. Combined typewriting and computing machine. 1,463,254; July 31.

Conard, Frederick U., Brooklyn, assignor to Underwood Computing Machine Company, New York, N. Y. Combined typewriting and computing machine. 1,467,569; Sept. 11.
Conard, Richard W., Atlantic Highlands, N. J. Pliers. 1,453,863; May 1.
Conboy, Leyton, Asquith, Saskatchewan, Canada. Clutch-lever attachment for tractors. 1,473,466; Nov. 6.
Conboy, William H., Cheboygan, Mich. Valve cap. 1,452,146; Apr. 17.
Concannon, Thomas G., and L. W. Peterson, Emporia, Kans.; said Peterson assignor to said Concannon. Manifold heating device. 1,449,497; Mar. 27.
Condé, Harry L., Syracuse, N. Y. Game apparatus. 1,455,045; May 15.
Condit, S. B., jr. (See Greenwood, Talma T., assignor.)
Condit, Sears B. (See Burnham, George A., assignor.)
Condit, Sears B., jr. (See Ainsworth, Chester D., assignor.)
Condit, Sears B., jr. (See Burnham, George A., assignor.)
Condit, Sears B., jr. (See Cameron, Gordon, assignor.)
Condon, Stephen, Spencer, Iowa. Clamp for levels. 1,465,543; Aug. 21.
Condylis, Michael J., and J. C. Clarke, Louisville, Ky. Arch supporter. 1,462,534; July 24.
Coney, Franklin H., Chicago, Ill. Concrete buildings. 1,461,891; July 17.
Coney, Franklin H., Chicago, Ill. Column cap for concrete buildings. 1,461,892; July 17.
Confer, Joe, New York, N. Y. Boiler and water heater. 1,458,876; June 12.
Congar, Revillo S. (See Keller, J. W., and Congar.)
Conger, Charles A., Oakland, assignor to National Auto Devices Company, San Francisco, Calif. Vehicle lock. 1,463,760; July 31.
Conger, Thomas M., Elyria, Ohio. Cushion heel. 1,449,498; Mar. 27.
Congoleum Company. (See Jackson, Ralph G., assignor.)
Conill, Fernan O., Marseille, France. Refrigerating apparatus. 1,473,142; Nov. 6.
Conine, Ernest E., assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Luggage carrier. 1,461,008; July 3.
Conine, Frances G., Chicago, Ill. Hair curler. 1,475,796; Nov. 27.
Conion, Constantine D., Newburyport, Mass. Counter stiffener for shoes. 1,446,034; Feb. 20.
Conkey, Leonard L., Marne, assignor of one-half to W. S. Davis, Flushing, Mich. Poultry roost. 1,447,063; Feb. 27.
Conklin, Frederick S., Yonkers, N. Y. Traps. 1,467,921; Sept. 11.
Conklin, George R., Norman, Okla. Electric heating apparatus. 1,465,809; Aug. 21.
Conklin, George W., assignor to The O. K. Tool Company, Shelton, Conn. Disk cutter having staggered series of side teeth. 1,472,960; Nov. 6.
Conklin, Oliver F., Detroit, Mich., assignor to Remy Electric Company, Anderson, Ind. Ignition apparatus. 1,463,197; July 31.
Conklin, Robert M., Jersey City, N. J. Discharge-chute shutter. 1,477,245; Dec. 11.
Conklin, Robert M., Jersey City, N. J. Valve-pocket agitator. 1,477,246; Dec. 11.
Conklin, Wright, and W. Wissinger, Los Angeles, Calif. Automobile lock. 1,478,275; Dec. 18.
Conlan, David, jr., Brooklyn, N. Y. Binder. 1,471,550; Oct. 23.
Conlan, David, jr., Brooklyn, N. Y., assignor to Harvey Hubbell, Inc. Electrical apparatus. 1,474,763; Nov. 20.
Conlee, Carlton N., Chicago, Ill., assignor to American Telephone and Telegraph Company. Manhole-platform support. 1,452,548; Apr. 24.
Conley, Abraham L., Salt Lake City, Utah. Automobile rim tool. 1,449,268; Mar. 20.
Conley, Albert D., and E. C. Stillwell, assignors, by mesne assignments, to James P. Hooper Manufacturing Company, Baltimore, Md. Regenerating cellulose. 1,467,265; Sept. 4.
Conley, Edwin J., New York, and E. J. Whalen, Howard Beach, assignors to The Conley Foil Company, New York, N. Y. Machine for covering packages with foil and sealing said foil. 1,443,068; Jan. 23.
Conley Foil Company, The. (See Clune, John S., assignor.)
Conley Foil Company, The. (See Conley, E. J., and Whalen, assignors.)
Conley, Frederick T., Boston, Mass. Individual sanitary toothbrush holder. 1,444,368; Feb. 6.
Conley, Joseph M., Greenville Junction, Me., assignor of one-half to A. M. Bird, Megantic, Quebec, Canada. Signal-flag support. 1,458,808; June 12.
Conlin, John P., Brooklyn, N. Y. Check valve. 1,441,662; Jan. 9.
Conlon Corporation. (See Anderson, C. F., and Knapp, assignor.)
Conlon Electric Washer Co. (See Conlon, W. J., and Moran, assignors.)
Conlon Electric Washer Company. (See Anderson, C. F., and Knapp, assignors.)
Conlon, Walter J. (See Dienner, John A., assignor.)
Conlon, Walter J., Oak Park, Ill. Clutch for washing machines. 1,453,129; Apr. 24.
Conlon, Walter J., and W. F. Moran, assignors to Conlon Electric Washer Co., Inc., Chicago, Ill. Driving mechanism for washing machines. 1,440,530; Jan. 2.
Conn, Norman, Minneapolis, Minn. Temperature-indicating apparatus for tire vulcanization. 1,463,872; Aug. 7.
Connecticut Electric Manufacturing Company, The. (See McClatchie, Stanley, assignor.)
Connecticut Electric Mfg. Company, The. (See Trumbull, Alexander H., assignor.)
Connecticut Telephone & Electric Co. (See Stahl, Charles E., assignor.)
Connecticut Telephone and Electric Co. (See Wirrer, Gottfried, assignor.)
Connecticut Telephone & Electric Co. Inc., The. (See Groten, Frank J., jr., assignor.)
Connecticut Telephone & Electric Company. (See Donle, Harold P., assignor.)
Connecticut Telephone & Electric Company, The. (See Cadieux, Joseph O., assignor.)
Connecticut Telephone and Electric Company, The. (See Donle, Harold P., assignor.)
Connecticut Telephone & Electric Company, The. (See Livingston, Stanley D., assignor.)
Connecticut Telephone & Electric Company, Inc., The. (See Donle, Harold P., assignor.)
Connecticut Web and Buckle Company, The. (See Brannigan, George T., assignor.)
Conneighton, Patrick H., South Norwood, Ohio. Pocket folder. 1,475,542; Nov. 27.
Connell, Edwin L., assignor to The Van Dorn Electric Tool Company, Cleveland, Ohio. Electric switch. 1,471,308; Oct. 16.
Connell, John W., and J. Armstrong, Centralia, Wash. Brake-rod attachment. 1,462,932; July 24.
Connell, William J., Huntington, W. Va. Check lock. 1,457,348; June 5.
Connelly, Henry A., Philadelphia, Pa. Scenery trimmer. 1,473,336; Nov. 6.
Connelly, Joseph I., Chicago, Ill. Burglar alarm. 1,452,595; Apr. 24.
Connelly, Peter A., North Bend, Ohio. Fender. 1,444,496; Feb. 6.
Connelly, Robert T., Pittsburgh, Pa. Angle-bar cutter. 1,446,415; Feb. 20.
Connely, Charles B., Scotia, N. Y., assignor to General Electric Company. Overload-circuit controller. 1,453,492; May 1.
Conner, Charles E., Auburn, Me., assignor to United Shoe Machinery Corporation, Paterson, N. J. Attaching machine. 1,461,893; July 17.
Conner Magneto & Ignition, Limited. (See Puckette, Charles C., assignor.)
Conner, Ralph L., Wilmington, Del. Floor planers. 1,452,493; Apr. 24.
Conner, Squire B., Toppenish, Wash. Trap. 1,443,309; Jan. 23.
Conner, Thomas W., Sabina, Ohio. Axle steering knuckle. 1,464,901; Aug. 14.
Connersville Blower Co., The. (See Houghton, Carl R., assignor.)
Conness, William E., Los Angeles, Calif. Duplex turbine motor. 1,474,318; Nov. 13.
Connolly, Bartholomew, Boston, Mass. Animal trap. 1,464,697; Aug. 14.
Connolly, Frank A., assignor of one-half to J. Mathes, Pompton Lakes, N. J. Elastic tire. 1,449,588; Mar. 27.
Connor, Arthur, Chicago, Ill. Plug for ice and hot-water bags. 1,471,103; Oct. 16.
Connor, Clyde O., Wichita, Kans. Hair-clipper blade. 1,458,326; June 12.
Connor, Edwin J., and A. R. Ralston, Omaha, Nebr. Lifting tongs. 1,457,104; May 29.
Connor, Eugene F. (See McDaniel, W., Davis, and Connor.)
Connor, Martha H., assignor to The Tin Decorating Company of Baltimore, Baltimore, Md. Combined candlestick and flower vase. 1,450,429; Apr. 3.
Connor, Martha H., assignor to The Tin Decorating Company of Baltimore, Baltimore, Md. Wastebasket. Des. 62,668; July 17.
Connor, Martha H., assignor to The Tin Decorating Company of Baltimore, Baltimore, Md. Plate or similar article of manufacture. Des. 63,217; Nov. 6.
Connor, Martha H., assignor to The Tin Decorating Company of Baltimore, Baltimore, Md. Plate or similar article of manufacture. Des. 63,218; Nov. 6.
Connor, Martha H., assignor to The Tin Decorating Company of Baltimore, Baltimore, Md. Combined shipping case and display rack. 1,477,634; Dec. 18.
Connor, Olen W. (See Evans, Lewis L., assignor.)
Connors, Arthur H., Mullan, Idaho. Buoyant ore separator. 1,441,560; Jan. 9.
Con-O-Lite Corporation. (See Willett, Walter E., assignor.)
Conover, Charles L., New York, N. Y. Portfolio handle. 1,446,035; Feb. 20.
Conover, Claude A., Newburgh, N. Y. Fire extinguisher. 1,476,594; Dec. 4.

Conover, Courtney, Crafton, assignor to J. M. Selden, Pittsburgh, Pa. Apparatus for bringing about and controlling reactions between gases. Re. 15,520; Jan. 9.
Conover, Harvey, Chicago, Ill. Doll. 1,468,281; Sept. 18.
Conover, Jacob B., Jersey City, N. J. Milk and ice-cream can and making the same. 1,441,484; Jan. 9.
Conover, Peter W. (See Carr, C. W., Dixon, and Conover.)
Conrad, Frank, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Apparatus for the receipt of wireless impulses. 1,456,867; May 29.
Conrad, Frank, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Radiomodulation system. 1,477,316; Dec. 11.
Conrad, Frank, Pittsburgh, and J. S. Kinney, Wilkinsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Spark-advancing mechanism. 1,466,272; Aug. 28.
Conrad, Frederick A., Chicago, Ill., assignor to The Widney Company. Display board and clip. 1,443,169; Jan. 23.
Conrad, Henry O., Bear Grove Township, Guthrie County, Iowa. Clutch-pedal-operating device. 1,472,513; Oct. 30.
Conrad, Henry S., trustee. (See Lundquist, Frank A., assignor.)
Conrad, Hermann, Neustadt, Haardt, Germany. Plan sifting machine. 1,452,290; Apr. 17.
Conrad, Horace L. (See Erickson, W. C., and Conrad.)
Conrad, Isiah, Columbus, Ohio. Metal drawer structure. 1,475,797; Nov. 27.
Conrad, Isiah, Columbus, Ohio. Operating table. 1,475,798; Nov. 27.
Conrad, Nicholas J., Chicago, Ill. Primary cut-out. 1,466,423; Aug. 28.
Conrad, Nicholas J., assignor to Schweitzer & Conrad, Chicago, Ill. Switch. 1,469,381; Oct. 2.
Conrade, Everette C., Lewisville, N. C. Hedge clipper or trimmer. 1,453,621; May 1.
Conrade, Everette C., Lewisville, N. C. Shutter operating and securing mechanism. 1,453,622; May 1.
Conrader, Rudolph, Erie, Pa. Apparatus for treating oils from flowing wells. 1,452,549; Apr. 24.
Conradi, Harry, Toorak, Victoria, Australia. Machine for making structures centrifugally. 1,465,297; Aug. 21.
Conradson, Conrad M., Madison, Wis., assignor to Joseph T. Ryerson & Son, Chicago, Ill. Actuating means for machine platens. 1,459,720; June 26.
Conroy, Edgar A., Wilkes-Barre, Pa. Manifold cover. 1,466,089; Aug. 28.
Conroy, Michael T., Akron, Ohio. Tire. 1,459,362; June 19.
Considine, Daniel T., Watertown, Mass. Crate. 1,453,005; Apr. 24.
Consolidated Car Fender Company. (See Thornley, Albert J., assignor.)
Consolidated Car-Heating Company. (See Griffin, Guy T., assignor.)
Consolidated Car-Heating Company. (See Hynes, Lee P., assignor.)
Consolidated Mining and Smelting Company of Canada, Limited. (See Christensen, Niels C., assignor.)
Consolidated Mining & Smelting Company of Canada, Limited. (See Hannay, William H., assignor.)
Consolidated Paper and Box Manufacturing Company. (See Kusterer, Aloysius J., assignor.)
Consolidated Textile Corporation. (See Howard, Charles W., assignor.)
Consortium für Elektrochemische Industrie, G. m. b. H. (See Mugdan, M., and Herrmann, assignors.)
Constan, Paul A. J. M., Mengam, near Brest, France. Sectional vessel. 1,458,134; June 12.
Constructions Electriques de Belgique, Societe Anonyme. (See Piper, Henri, assignor.)
Container Club, The. (See Webb, John W., assignor.)
Contant, William A., assignor to F. B. Pease Company, Rochester, N. Y. Inspection table. 1,468,803; Sept. 25.
Contant, William A., assignor to F. B. Pease Company, Rochester, N. Y. Sorting apparatus. 1,468,804; Sept. 25.
Contant, William A., assignor to F. B. Pease Company, Rochester, N. Y. Grading machine. 1,470,060; Oct. 9.
Conte, James, Desplaines, Ill. Feeding mechanism. 1,454,507; May 8.
Conti, Andrea, and A. Borroni, New Haven, Conn. Implement for expanding demountable rims. 1,467,135; Sept. 4.
Conti, Eugene. (See Herz, R., and Conti.)
Continental Can Company. (See Kronquest, Alfred L., assignor.)
Continental Can Company. (See Mason, Eugene G., assignor.)
Continental Can Company. (See Walsh, Harry C. H., assignor.)
Continental Car Company of America. (See McKinley, Andrew B., assignor.)
Continental and Commercial Trust and Savings Bank. (See Hubbard, James W., assignor.)
Continental Distributors, Inc. (See Kircher, Albert E., assignor.)
Continental Engineering Corporation. (See Anthony, Marcus O., assignor.)
Continental-Licht- und Apparatebau-Gesellschaft. (See Läuchli, Carl, assignor.)
Continental Motors Corporation. (See Fors, Arthur R., assignor.)
Continental Motors Corporation. (See Mills, James P., assignor.)
Continental Motors Corporation. (See Weinhardt, Robert A., assignor.)
Continental Salt and Chemical Company. (See Bartlett, Harold W., assignor.)
Continental Scale Works. (See Weber, Mathias J., assignor.)
Continuous Centrifugals Limited. (See Mauss, Wilhelm, assignor.)
Contrisciani, Girlando, New York, N. Y. Cornet. 1,444,663; Feb. 6.
Converse, Albert, Pampa, Tex. Harvester thrasher. 1,453,753; May 1.
Converse, Atherton D., Winchendon, Mass. Toy. 1,468,993; Sept. 25.
Converse, Atherton D., Winchendon, Mass. Dancing doll. 1,475,222; Nov. 27.
Converse, Francis B., assignor to The Norwalk Tire and Rubber Company, Norwalk, Conn. Tire tread and applying the same. 1,471,829; Oct. 23.
Converse, Francis B., assignor to The Norwalk Tire and Rubber Company, Norwalk, Conn. Method of and apparatus for making tire casings. 1,476,325; Dec. 4.
Converse Rubber Shoe Company. (See Hodges, Frank W., assignor.)
Conversion Products Corporation. (See Buell, William H., assignor.)
Conway, Elisha A., Williamsport, Pa. Can punch. 1,467,608; Sept. 11.
Conway, Henry D., Detroit, Mich. Floor and ceiling construction. 1,460,014; June 26.
Conway, Maggie B., Danville, Va. Animated figure. 1,447,926; Mar. 6.
Conway, Patrick J., Providence, R. I. Necklace-fastening device. 1,455,993; May 22.
Conway, Roy D., Chatham, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone repeater system. 1,442,425; Jan. 16.
Conway, Roy D., Chatham, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,448,523; Mar. 13.
Coo, Thomas J., assignor to Victory Automobile Accessories Limited, Toronto, Ontario, Canada. Doorlatch. 1,473,836; Nov. 13.
Coogan, Charles E. (See Farrell, R. C., and Coogan.)
Coogan, James J., New York, N. Y. Dispensing receptacle. 1,451,899; Apr. 17.
Cook, A. D., Inc. (See Willers, George E., assignor.)
Cook, Albert, Holyoke, Mass. Band-tying gauge. 1,451,681; Apr. 17.
Cook, Albert. (See Curry, M., and Cook.)
Cook, Albert, Holyoke, Mass. Band-tying gauge. 1,451,682; Apr. 17.
Cook, Albert, Holyoke, Mass. Rotary clearer. 1,474,144; Nov. 13.
Cook, Albert E., Evanston, and T. Van Tuyl, Kankakee, Ill.; said Van Tuyl assignor to said Cook. Vehicle speed-reduction mechanism. 1,442,795; Jan. 23.
Cook, Albert E., Evanston, and T. Van Tuyl, Kankakee, Ill.; said Van Tuyl assignor to said Cook. Extensible frame for combination motor vehicles. 1,470,811; Oct. 16.
Cook, Bernard, Roanoke, Va. Service metal wheel gauge. 1,477,036; Dec. 11.
Cook, Byron G., Lakewood, Ohio. Recording device. 1,443,732; Jan. 30.
Cook, Carl B., Haddonfield, assignor to Charles K. Cook Company, Incorporated, Camden, N. J. Cardcase. 1,470,709; Oct. 16.
Cook, Carl F., assignor of one-half to J. Flam, Schenectady, N. Y. Typewriter and operating same. 1,455,079; May 15.
Cook, Cary, Covington, Ga. Mail-box support. 1,467,607; Sept. 11.
Cook, Charles K., Company. (See Cook, Carl B., assignor.)
Cook, Charles S., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrical system. 1,455,572; May 15.
Cook, Clara L., assignor of one-half to E. T. Nolen, El Monte, Calif. Calendar. 1,457,821; June 5.
Cook, Clyde A., Bloomsburg, Pa. Loom for and weaving fabrics. 1,448,830; Mar. 20.
Cook, Earl H., Watertown, Wis. Table-slide construction. 1,453,546; May 1.
Cook, Edward T. (See Monnot, J. F., and Cook.)
Cook Electric Company. (See Bogle, John C., assignor.)
Cook Electric Company. (See Folds, George R., assignor.)
Cook Electric Company. (See Sands, Roy G., assignor.)
Cook, Ernest E. (See Gilmour, R., and Cook.)
Cook, Everett J., assignor of one-half to Wisconsin Parts Company, Oshkosh, Wis. Axle construction. 1,458,684; June 12.
Cook, Frank, Spokane, Wash., assignor to The Holt Manufacturing Company, Stockton, Calif. Log hauler. 1,442,558; Jan. 16.
Cook, Frank B., Company. (See Bogle, John C., assignor.)

Cook, Frank B., Company. (See Sands, R. G., Bogle, and Folds, assignors.)
Cook, Frank B. Company. (See Sands, Roy G., assignor.)
Cook, Fred E., Syracuse, N. Y. Ice-cream-cone carrier. 1,448,259; Mar. 13.
Cook, Frederick D., Fairmont, W. Va. Continuously melting vitreous enamels. 1,460,888; July 3.
Cook, Frederick H. (See Shoenfelt, C. F., and Cook.)
Cook, George A., Cleveland, Ohio. Restaurant stool and hat hook. 1,473,016; Nov. 6.
Cook, George H. (See Shoenfelt, C. F., and Cook.)
Cook, Grant L. (See Welpley, Walter W., assignor.)
Cook, H. N., Belting Co. (See Cook, Milton H., assignor.)
Cook, Harmon J., assignor to The Torrington Company, Torrington, Conn. Handle-adjusting mechanism. 1,452,192; Apr. 17.
Cook, Harry A., Yakima, Wash. Composition of matter for use as a cement. 1,467,356; Sept. 11.
Cook, Harry E., Washington, D. C., assignor to Remington Typewriter Company, Ilion, N. Y. Carriage pull band for typewriting and like machines. 1,461,347; July 10.
Cook, Herbert D., Terre Haute, Ind., Auto attachment. 1,460,193; June 26.
Cook, Howard B., Norwood, assignor to The Warner Elevator Manufacturing Company, Cincinnati, Ohio. Cable equalizer. 1,472,386; Oct. 30.
Cook, Jay, Coldwater, Mich. Signal. 1,466,424; Aug. 28.
Cook, Jesse C. (See Austin, H. E., and Cook.)
Cook, Joel R., assignor to Domestic Electric Company, Cleveland, Ohio. Motor-brush holder. 1,457,896; June 5.
Cook, John, Ridgewood, N. J., assignor to Cornish Wire Company, Incorporated, New York, N. Y. Spooled wire. 1,468,994; Sept. 25.
Cook, John, and E. P. Hinkle, Santa Rita, N. Mex. Lock switch. 1,444,664; Feb. 6.
Cook, Joseph F., San Francisco, Calif. Fruit catcher and grader. 1,473,081; Nov. 6.
Cook, Louis E., Milwaukee, Wis. Record-dusting brush. 1,444,236; Feb. 6.
Cook, Milton H., San Francisco, Calif. Packing and preparing it. 1,443,311; Jan. 23.
Cook, Milton H., assignor to H. N. Cook Belting Co., San Francisco, Calif. Leather belting. 1,443,310; Jan. 23.
Cook, Ornan S., and H. A. Gale, Fitchburg, Mass. Block planer. 1,458,220; June 12.
Cook, Orville E. (See Clayton, H. D., Cook, and Cluett.)
Cook, Orville E., assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Press. 1,446,159; Feb. 20.
Cook, Ralph L., Mooresville, Ind. Mixer and feeder. 1,476,493; Dec. 4.
Cook, Raymond W., assignor to The Wallace Barnes Company, Bristol, Conn. Clip. 1,462,193; July 17.
Cook, Robert C. N., Lebanon, Ind. Bidet for closet seats. 1,455,905; May 22.
Cook, Robert W., assignor to Eastman Kodak Company, Rochester, N. Y. Washing apparatus for fibrous materials. 1,473,209; Nov. 6.
Cook, Roy A. (See Bender, E. G., and Graf, assignors.)
Cook, Roy E., Grand Rapids, Mich. Locking device. 1,444,950; Feb. 13.
Cook, Roy J., assignor to G. C. Murray, Chicago, Ill. Frictional draft gear. 1,448,200; Mar. 13.
Cook, Roy J., assignor to G. C. Murray, Chicago, Ill. Frictional draft gear. 1,463,873; Aug. 7.
Cook, Russell D., Salt Lake City, Utah. Burial casket. 1,471,244; Oct. 16.
Cook, Russell M., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Explosive. 1,440,767; Jan. 2.
Cook, Russell M., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Explosive. 1,440,768; Jan. 2.
Cook, Senat T., Cowgill, Mo. Ditcher and grader. 1,470,959; Oct. 16.
Cook, Sheldon E. (See Elliott, W. M., and Cook.)
Cook, Stanley S. (See Parsons, C. A., and Cook.)
Cook, Stanley S. (See Parsons, C. A., Cook, and Douglas.)
Cook, Thomas, Stalybridge, England. Baling press. 1,461,577; July 10.
Cook, Thomas R., Pittsburgh, assignor to The Westinghouse Union Battery Company, Swissvale, Pa. Storage battery. 1,467,707; Sept. 11.
Cook, Vernon E., Utica, and L. R. H. Burton, Rome, N. Y. Mass-card holder. Des. 62,772; July 31.
Cook, Wallace L., Chicago, Ill. Terminal box. 1,445,072; Feb. 13.
Cook, Walter F., Fort Atkinson, Wis. Game. 1,459,615; June 19.
Cook, Wilfred C., Fresno, Calif. Piston-ring compressor. 1,478,942; Dec. 25.
Cook, William A., Hollis, and J. Levine, assignors to The Denominator Adding Machine Co., Brooklyn, N. Y. Denominating apparatus. 1,444,586; Feb. 6.
Cook, William E., assignor to Peerless Insulated Wire and Cable Company, New York, N. Y. Wire-covering machine. 1,441,561; Jan. 9.
Cook, William E., St. George, assignor, by mesne assignments, to The Peerless Insulated Wire and Cable Company, New York, N. Y. Wire-covering machine. 1,461,816; July 17.
Cook, William E., St. George, assignor to Peerless Insulated Wire and Cable Company, New York, N. Y. Wire-covering machine. 1,461,817; July 17.
Cook, William G. H., Lethbridge, Alberta, Canada. Card-case. 1,467,838; Sept. 11.
Cook, William J., Brooklyn, N. Y. Vibrating toy. 1,446,835; Feb. 27.
Cooke, Charles J., Washington, D. C. Atmospheric compound for divers' use. 1,473,337; Nov. 6.
Cooke, Cosby C., Logan, W. Va. Dental thread holder. 1,475,986; Dec. 4.
Cooke, David B. (See Cookinham, E. F., and Cook.)
Cooke, Frank V., assignor to K. B. Goddard, Detroit, Mich. Vehicle spring. Re15,586; May 1.
Cooke, Patrick, St. Louis, Mo. Machine for forming refractory molds. 1,443,349; Jan. 30.
Cookinham, Edward F., and D. B. Cook, assignors to Acme Road Machinery Company, Frankfort, N. Y. Scarifier. 1,458,394; June 12.
Cooklin, Isaac, Liverpool, England. Extensible table. 1,455,599; May 15.
Cooklin, Isaac, Liverpool, England. Dining table. 1,459,086; June 19.
Cooklin, Isaac, Liverpool, England. Extensible table. 1,464,409; Aug. 7.
Cooley, Frank N. and G. R., Seattle, Wash.; said G. R. Cooley assignor to said Frank N. Cooley. Pneumatic-tire-inflating apparatus. 1,471,777; Oct. 23.
Cooley, Fred W., Minneapolis, Minn. Tone modifier for sound-reproducing machines. 1,462,320; July 17.
Cooley, George R. (See Cooley, Frank N. and G. R.)
Cooley, Louis D. (See Davis, J. L., and Cooley.)
Coolican, Oscar, trustee. (See Dawson, Baylis M., assignor.)
Coolidge, George B., Rockford, Ill. Automatic steering attachment for motor vehicles. 1,471,883; Oct. 23.
Coolidge, Karl R. (See Whitcomb, R. F., and Coolidge.)
Coombs, George O., Providence, R. I. Composite fabric. 1,458,918; June 12.
Coombs, James A., Hampstead, London, England. System for the treatment of sewage and the like. 1,456,914; May 29.
Coomes, J. A., & Company Limited. (See Coomes, Joseph A., assignor.)
Coomes, Joseph A., assignor to J. A. Coomes & Company Limited, London, England. Speedometer. 1,442,128; Jan. 16.
Coon, Lawrence E. (See Hanna, J. T., and Coon.)
Coonan, Thomas, Washington, D. C. Faucet. 1,463,800; Aug. 7.
Cooney, Colonel, Ada, Ohio. Combined weather strip and sash fastener. 1,451,650; Apr. 10.
Cooney, Edward H., H. C. Eklund, and S. T. Wiprud, Great Falls, Mont.; said Cooney assignor to said Eklund. Combined shovel and hoe. 1,478,204; Dec. 18.
Cooney, Lawrence J., Pittsburgh, Pa., assignor to Keystone Grinder and Manufacturing Company. Grinding machine. 1,446,640; Feb. 27.
Cooney, Michael J., Irma, Alberta, Canada. Share attachment. 1,475,107; Nov. 20.
Coons, Burton C., Rochester, N. Y. Paring machine. 1,445,997; Feb. 20.
Coons, Burton C., Rochester, N. Y. Seed-cell-removing apparatus. 1,445,998; Feb. 20.
Coons, Burton C., assignor to Coons Manufacturing Company, Inc., Rochester, N. Y. Seed-cell-remover apparatus. 1,442,859; Jan. 23.
Coons Manufacturing Company. (See Coons, Burton C., assignor.)
Cooper, Abraham, Brooklyn, N. Y. Bridge arm for lighting fixtures. Des. 63,128; Oct. 16.
Cooper, Abraham, Brooklyn, N. Y. Bridge arm for lighting fixtures. Des. 63,554; Dec. 18.
Cooper, Allyn R., Marshalltown, Iowa. Dash control device. 1,467,309; Sept. 11.
Cooper, Angus R., and H. J. Carthy, Mobile, Ala. Car door. 1,448,287; Mar. 13.
Cooper, Arthur S., Santa Monica, Calif. Tank. 1,460,999; July 3.
Cooper, Augustus S., Santa Barbara, Calif. Utilizing residual heat. 1,462,851; July 24.
Cooper, Barney, Chicago, Ill. Snap fastening. 1,466,990; Sept. 4.
Cooper, Benson P., Ithaca, N. Y. Coin-controlled delivery apparatus. 1,474,070; Nov. 13.
Cooper, Bert, Albuquerque, N. Mex. Clutch mechanism. 1,470,321; Oct. 9.
Cooper, Clarence W. (See Wylie, W. J., and Cooper.)
Cooper, Clinton J., Oak Park, Ill. Railway tie. 1,461,477; July 10.
Cooper, Daniel R., Gore, assignor to C. W. Anderson and F. L. Howorth, Wellington, New Zealand. Inhaling apparatus. 1,442,253; Jan. 16.
Cooper, Erwin M., San Francisco, Calif. Typewriter device. 1,440,584; Jan. 2.
Cooper, Frank P., Brooklyn, N. Y. Duplex accelerator. 1,441,663; Jan. 9.
Cooper, Harry W. (See Morrison, W. E., and Korpelainen, assignors.)
Cooper, Henry A., West Union, Ohio. Valve-spring lifter. 1,465,843; Aug. 21.
Cooper, Henry J., Brooklyn, N. Y. Clamp. 1,467,708; Sept. 11.

Cooper, Hermon C. (See McKee, R. H., and Cooper.)
Cooper Hewitt Electric Company. (See Flitner, Stanwood E., assignor.)
Cooper, Hugh S., Cleveland, Ohio, assignor, by mesne assignments, to Kemet Laboratories Company, Inc. Alloy. 1,461,178; July 10.
Cooper, James C., and J. J. Sigrist, assignors of one-fifth to F. E. Shaffer, Altoona, Pa. Sectional-tire-carrying rim. 1,458,031; June 5.
Cooper, John W., Kingston-upon-Hull, England. Collapsible box, packing case, and the like. 1,448,433; Mar. 13.
Cooper, Joseph. (See Potter, J. O., and Cooper.)
Cooper, Kenneth F., Great Neck, assignor to American Cyanamid Company, New York, N. Y. Method of and apparatus for fumigating. 1,454,154; May 8.
Cooper, Lyman M., assignor of one-half to C. E. Wisner, Detroit, Mich. Composition of matter for making battery boxes, coil boxes, and other similar articles. 1,444,587; Feb. 6.
Cooper, Lyman M., assignor of one-half to C. E. Wisner, Detroit, Mich. Wire-spoked wheel. 1,474,405; Nov. 20.
Cooper, Miles B., Portsmouth, Ohio. Arch-support construction. 1,447,463; Mar. 6.
Cooper, Nathan S. and S., New Haven, Conn. Stem-winding and stem-setting watch. 1,476,494; Dec. 4.
Cooper, Oakley F., Logan, Ohio. Cutter. 1,469,153; Sept. 25.
Cooper, Otto H., Shamrock, La. Emergency hub for automobile wheels. 1,450,062; Mar. 27.
Cooper, Richard B., New York, N. Y., assignor to Fiske & Company, Inc., Boston, Mass. Brick. 1,444,167; Feb. 6.
Cooper, Robert E., and C. O. Sisler, Sault Ste. Marie, Ontario, Canada. Gas-analyzing apparatus. 1,475,000; Nov. 20.
Cooper, Saul. (See Cooper, Nathan S. and S.)
Cooper, Simon, Brooklyn, N. Y. Wrapping machine. 1,445,622; Feb. 20.
Cooper, Simon, Brooklyn, N. Y., assignor to Allison Bishopric, Cincinnati, Ohio. Machine for the manufacture of wall board. 1,461,724; July 17.
Cooper, Simon, Brooklyn, N. Y., assignor to Menasha Wooden Ware Co., Menasha, Wis. Sealing machine. 1,463,460; July 31.
Cooper, Simon, Brooklyn, assignor to Vacuum Pulp Products Corporation, New York, N. Y. Mold and process for forming articles from pulp or other plastic material. 1,463,575; July 31.
Cooper, Simon, Brooklyn, N. Y., assignor to Menasha Wooden Ware Company, Menasha, Wis. Machine for hooping pails. 1,466,700; Sept. 4.
Cooper, Simon, New York, N. Y., assignor to The Franklin Baker Company, Philadelphia, Pa. Nut-treating machine. 1,478,869; Dec. 25.
Cooper, Thomas C., Chicago, Ill. Lock. 1,461,725; July 17.
Cooper, Thomas S., jr., Charleston, W. Va., assignor to Kooper Damper Co., Philadelphia, Pa. Automatic damper. 1,452,792; Apr. 24.
Cooper, Thomas W., Chelmsford, England, assignor to The Norma Company of America, Long Island City, N. Y. Axle box and bearing for tramcar and like vehicle wheels. 1,475,053; Nov. 20.
Cooper, William, Apalachin, N. Y. Animal trap. 1,474,406; Nov. 20.
Cooper, William H., Seattle, Wash. Apparatus for removing timbers from sawmill carriages. 1,469,498; Oct. 2.
Cooperman, Oscar, Palo Alto, Calif. Bicycle transmission. 1,473,017; Nov. 6.
Cooperrider, Charles K. (See Butterman, S., and Cooperrider.)
Coote, John M., Elizabeth, N. J. Automobile bumper. 1,441,400; Jan. 9.
Coover, George B., and H. A. Bruner, Lamar, Colo. Supporting means for steam-pressing machines. 1,464,260; Aug. 7.
Cope, Frank T., Alliance, Ohio. Combined light and horn switch. 1,471,778; Oct. 23.
Cope, George W., Oil City, La. Boiler-feed-water system. 1,456,722; May 29.
Cope, Joseph H., Denver, assignor to The Windsor Manufacturing Company, Windsor, Colo. Haystacker. Re. 15,658; July 17.
Copeland, Harry L., Walla Walla, Wash. Building method and means. 1,444,588; Feb. 6.
Copeland, Thomas M., Los Angeles, Calif. Printing frame. 1,448,524; Mar. 13.
Copeman, Lloyd G., assignor to E. W. Atwood, Flint, Mich. Refrigerator. 1,444,589; Feb. 6.
Copeman, Lloyd G., assignor to E. W. Atwood, Flint, Mich. Refrigerating apparatus. 1,463,419; July 31.
Copeman, Lloyd G., assignor to E. W. Atwood, Flint, Mich. Refrigerating apparatus. 1,472,266; Oct. 30.
Copeman, Lloyd G., assignor to E. W. Atwood, Flint, Mich. Refrigerating apparatus. 1,472,267; Oct. 30.
Copithorn, Walter E., Natick, Mass. Tire valve. 1,462,227; July 17.
Copland, James P., Hudson, Ohio. Welding electrode. 1,471,326; Oct. 23.
Copony, Alfred, Mount Clemens, assignor of one-half to C. P. Spicer, Detroit, Mich. Combination bill and stub for meter readings. 1,447,340; Mar. 6.
Copony, Alfred, Mount Clemens, and F. Ziganek, Detroit, Mich. Universal support. 1,464,308; Aug. 7.
Copp, Harry N., Swampscott, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Shoe-repair plant. 1,444,025; Feb. 6.
Coppée, Maurice, Mont-sur-Marchienne, Belgium. Method and apparatus for measuring electric resistances and the like. 1,457,923; June 5.
Coppock, Fred D., Greenville, Ohio. Dumping wagon. 1,442,650; Jan. 16.
Corbett, Carl C., assignor to A. R. Martine, Cleveland, Ohio. Pocket savings bank. 1,447,534; Mar. 6.
Corbett, George E., Brooklyn, assignor to J. F. Newman, Inc., New York, N. Y. Badge. Des. 62,814; Aug. 7.
Corbett, John A., Los Angeles, Calif. Showcase. 1,477,428; Dec. 11.
Corbin, Charles B., Grand Rapids, Mich. Fur-pelt stretcher. 1,456,764; May 29.
Corby Baking Company, The. (See O'Connell, Edgar E., assignor.)
Corby, Robert L., Chevy Chase, Md., and R. Glasgow, Pittsburgh, Pa., assignors, by mesne assignments, to The Fleischmann Company. Manufacturing yeast. 1,475,471; Nov. 27.
Corcoran, Cornelius B., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,441,215; Jan. 9.
Corcoran, Cornelius B., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,443,733; Jan. 30.
Corcoran, Cornelius B., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,447,280; Mar. 6.
Corcoran, Cornelius B., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,450,020; Mar. 27.
Corcoran Manufacturing Company, The. (See Bruewer, Harry, assignor.)
Corcoran, Thos. J., Lamp Co., The. (See Church, Frank S., assignor.)
Corcoran, Thos. J., Lamp Company, The. (See Kuen, Eugene A., assignor.)
Cordell, Edward C., San Francisco, Calif. Internal-combustion engines. 1,465,597; Aug. 21.
Cordell, Robert A., Norfolk, Va. Hedge trimmer. 1,472,633; Oct. 30.
Corder, Waitman D., Philippi, W. Va. Suspenders. 1,465,779; Aug. 21.
Cordery, Frank, Toledo, Ohio. Manufacture of building blocks and bricks. 1,465,115; Aug. 14.
Cordes, August W., New York, N. Y. Bracket for supporting objects, and especially for securing number plates. 1,463,358; July 31.
Cordes, Henry G., Bremerton, Wash. Electric oscillator. 1,478,638; Dec. 25.
Cordingley, Daisy. (See Cordingly, Harry W., assignor.)
Cordingly, Harry W., Fredericksburg, assignor to Daisy Cordingley, East Liverpool, Ohio. Electric-lighting fixture. 1,462,132; July 17.
Cordino, Dominick, Plymouth, Mass. Making metal castings. 1,456,868; May 29.
Cordino, Dominick, Plymouth, Mass. Metal casting and making metal castings. 1,456,869; May 29.
Cordis, Fred H., Thedford, Nebr. Spark arrester for railway locomotives. 1,444,306; Feb. 6.
Cordley, Henry G., Glen Ridge, N. J. Faucet. 1,464,561; Aug. 14.
Cordley, Henry G., Glen Ridge, N. J. Reciprocating-plug faucet. 1,464,562; Aug. 14.
Cordor, Auburn L. P., et al. (See Wolfe, Clinton M., assignor.)
Corell, Clifton B., assignor to Underwood Computing Machine Company, New York, N. Y. Typewriting machine. 1,454,040; May 8.
Corenson, Abe, Los Angeles, Calif. Headdress for a doll. Des. 62,860; Aug. 7.
Corey, Matt M. (See Gudgel, E. D., and Corey.)
Corey, Matt M., assignor to R. D. Swisher Mfg. Co., Chicago, Ill. Tweezers. 1,475,689; Nov. 27.
Corey, Melvin M., Sweetgrass, Mont. Gate-closing device. 1,471,830; Oct. 23.
Corgiat, John, jr., and J. J. Dusevoir, assignors to Star Motor Company of California, Oakland, Calif. Coupling. 1,455,242; May 15.
Corl, Robert M., Maumee, assignor, by mesne assignments, to Erie Glass Company, Toledo, Ohio. Process of and apparatus for forming glass. 1,465,347; Aug. 21.
Corl, Robert M., Maumee, assignor, by mesne assignments, to Erie Glass Company, Toledo, Ohio. Method and apparatus for forming glass. 1,474,019; Nov. 13.
Corl, Robert M., Maumee, assignor, by mesne assignments, to Erie Glass Company, Toledo, Ohio. Glass manufacture. 1,478,554; Dec. 25.
Corlass, Thomas C. (See Booth, J. W., and Corlass.)
Corley, Benjamin R., Brooklyn, N. Y. Engraving machine. 1,450,136; Mar. 27.
Corley, John T., Providence, R. I. Bracket. 1,461,210; July 10.

Alphabetical list of patentees—Continued.

Cormack, Mark N., Brooklyn, N. Y. Lining-up machine for printers. 1,442,860; Jan. 23.
Corn Products Refining Company. (See Chalmers, George W., assignor.)
Corn Products Refining Company. (See Newkirk, William B., assignor.)
Corne, Charles L., Broussard, La. Pneumatic device for cleaning boiler tubes. 1,473,467; Nov. 6.
Cornelis, Jean, Liege, Belgium. Cigar-making machine. 1,457,876; June 5.
Cornelius, Clarence, Seattle, Wash. Shingling seat or bracket. 1,471,947; Oct. 23.
Cornelius, Ernest H., et al. (See Guptill, Rodney G., assignor.)
Cornell, Allyn, and H. C. Hazen, San Diego, Calif. Racing game. 1,448,201; Mar. 13.
Cornell, Charles H. (See Hyatt, Ralph S., assignor.)
Cornell, Fred W., St. Joseph, Mo. Safety head and track for traveling ladders. 1,450,430; Apr. 3.
Cornell, Jacob J., Paducah, Ky. Whistle. 1,451,459; Apr. 10.
Cornell, Joseph G., Brooklyn, N. Y. Elevator. 1,452,032; June 5.
Cornell, Joseph G., Brooklyn, N. Y. Lazy tongs. 1,459,656; June 19.
Cornellier, Arthur, Dracut, Mass. Barber's comb. 1,457,726; June 5.
Corner, Douglas C., St. Louis, Mo. Shoveling machine. 1,441,216; Jan. 9.
Cornfield, Noah, Detroit, Mich., assignor to Acme Cushion Wheel Company, Wilmington, Del. Vehicle wheel. 1,451,252; Apr. 10.
Cornfield, Noah, Detroit, Mich., assignor to Acme Cushion Wheel Company, Wilmington, Del. Vehicle wheel. 1,451,253; Apr. 10.
Cornick, Tully R., Petaluma, Calif. Automobile lock system. 1,477,317; Dec. 11.
Corning Glass Works. (See Boals, Harry R., assignor.)
Corning Glass Works. (See Bowen, Clinton A., assignor.)
Corning Glass Works. (See Carder, Frederick, assignor.)
Corning Glass Works. (See Gage, Henry P., assignor.)
Corning Glass Works. (See Hedges, William T., assignor.)
Corning Glass Works. (See Parsons, William P., assignor.)
Corning Glass Works. (See Pascucci, Emilio, assignor.)
Corning Glass Works. (See Smith, Rowland D., assignor.)
Corning Glass Works. (See Taylor, William C., assignor.)
Cornish Wire Company. (See Cook, John, assignor.)
Corno Mills Company, The. (See Russell, Clarence E., assignor.)
Cornwall, Frederick R., St. Louis, Mo. Monorail transportation system. 1,460,534; July 3.
Cornwall, Frederick R., deceased; M. B. Cornwall, executrix, assignor, by mesne assignments, to M. B. Cornwall, St. Louis, Mo. Monorail system. 1,469,997; Oct. 9.
Cornwall, Frederick R., deceased; M. B. Cornwall, executrix, assignor, by mesne assignments, to M. B. Cornwall, St. Louis, Mo. Monorail carrier. 1,469,998; Oct. 9.
Cornwall, May B., executrix. (See Cornwall, Frederick R.)
Cornwall, May B. (See Cornwall, Frederick R., assignor.)
Cornwall, May B. (See Greenstreet, M. L., and Day, assignors.)
Cornwell, Edward R. (See Long, P. E., and Cornwell.)
Cornwell, Elmer E., and J. H. McCready, Okmulgee, Okla. Burner. 1,455,955; May 22.
Cornwell, Elmer E., and J. H. McCready, Okmulgee, Okla. Burner. 1,471,104; Oct. 16.
Cornwell, William H., Oakland, Calif. Self-adjusting headlight. 1,455,600; May 15.
Corona Typewriter Company. (See Armstrong, Frank H., assignor.)
Corona Typewriter Company. (See de Clamecy, Philippe, assignor.)
Corona Machine Company. (See De Luca, P. C., and Insogna, assignors.)
Corona Typewriter Company. (See Ely, Alonzo B., assignor.)
Corona Typewriter Company. (See Harmon, Edwin L., assignor.)
Corona Typewriter Company Inc. (See Harmon, E. L., and Petermann, assignors.)
Corona Typewriter Company. (See Petermann, Otto assignor.)
Corpi, Domenico, Constantinople, Turkey, and M. Pretot, Mulhouse, France. Portable compressor. 1,445,073; Feb. 13.
Corporon, Gaines H., Citrusgrove, Tex. Propeller. 1,477,247; Dec. 11.
Corps, Edward P., Northampton, England. Tack-extracting machine for boots and shoes. 1,473,923; Nov. 13.
Corr, Thomas E., Bakersfield, Calif. Building construction. 1,442,777; Jan. 16.
Corrall, Herbert, Helensburgh, Scotland, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Duplex seam for sewed articles. 1,448,793; Mar. 20.
Corrigan, Hamlet, East Rochester, N. Y. Check-protecting system and keyboard for same. 1,440,585; Jan. 2.
Corrigan, Joseph, Rockledge, Pa. Loom for weaving terry fabrics. 1,444,951; Feb. 13.
Corrington, Aldon R. (See Corrington, Howard A., assignor.)
Corrington, Howard A., assignor of one-half to A. R. Corrington, Brandt, S. Dak. Connecting link for tire chains. 1,465,710; Aug. 21.
Corser, John W., Los Angeles, Calif. Piston. 1,462,084; July 17.
Corset, Lucien A. M., Paris, France. Punching machine, 1,459,320; June 19.
Corset, Lucien A. M., Paris, France. Indicator with mechanical transmission to a distance. 1,471,831; Oct. 23.
Corson, George E., Rathdrum, Idaho. Drag-saw-clamping device. 1,446,452; Feb. 27.
Cortés, Salustio V., Valparaiso, Chile. Aerial propelling machine. 1,460,948; July 3.
Cortese, Sam, Dunsmuir, Calif. Sewing implement for leather goods. 1,468,698; Sept. 25.
Cortese, Venanzio B., Lattimer Mines, Pa. Combination lock. 1,449,972; Mar. 27.
Corti, Felice, Milan, Italy. Carburetor. 1,448,055; Mar. 13.
Corticelli Silk Company. (See Addis, Arthur K., assignor.)
Corwin, Frank E., Toledo, Ohio. Cooking utensil. 1,455,780; May 22.
Corwin, Howard D. (See Fox, W. R., and Corwin.)
Cory, Henry I., Jersey City, N. J. Game. 1,442,651; Jan. 16.
Coryell, Charles L., Neodesha, Kans. Valve. 1,452,416; Apr. 17.
Coryell, William C., Wayne, Nebr. Device for truing connecting rods. 1,461,309; July 10.
Coryell, William C., assignor to The General Fireproofing Company, Youngstown, Ohio. Clip for corner beads. 1,453,973; May 1.
Cos Process Company, The. (See Chase, M. F. Pierce, and Skogmark, assignors.)
Coseglia, Anthony, West Hoboken, N. J., assignor, by mesne assignments, to Autosales Corporation. Coin-controlled vending machine. 1,460,574; July 3.
Cosgray, Mark C., Sandusky, Ohio. Electrical instrument contact. 1,476,800; Dec. 11.
Cosgrove, John W., Medford, and G. J. Julian, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Coating apparatus. 1,463,801; Aug. 7.
Cosgrove, Thomas, jr., Canton, Ohio. Disk valve. 1,473,282; Nov. 6.
Coss, Thomas F., Mendota, Ill. Door-opening appliance. 1,463,647; July 31.
Cossairt, James E., Platte Center, Nebr. Car-door clamp. 1,459,764; June 26.
Cossey, John C. G. (See Mitchell, J., and Cossey.)
Cossitt, Harold R., Alameda, Calif., assignor to Ninety Nine Publishing Company, Incorporated, Carson City, Nev. Baseball game. 1,458,275; June 12.
Cossitt, Harold R., Alameda, and J. Sinel, San Francisco, Calif., assignors to Ninety Nine Publishing Company, Incorporated, Carson City, Nev. Dice-casting container. 1,459,196; June 19.
Cossitt, Malcolm L., Alameda, Calif., assignor to Manifold Impressions Corporation, Carson City, Nev. Manifolding attachment for typewriters 1,448,334; Mar. 13.
Cossitt, Malcolm L., Alameda, Calif., assignor to Manifold Impressions Corporation, Carson City, Nev. Manifolding attachment for typewriters. 1,448,335; Mar. 13.
Cossitt, Malcolm L., Alameda, Calif., assignor to Manifold Impressions Corporation, Carson City, Nev. Manifolding attachment for typewriters. 1,451,864; Apr. 17.
Cossitt, Malcolm L., Alameda, Calif., assignor to Manifold Impressions Corporation, Carson City, Nev. Manifolding attachment for typewriters. 1,451,865; Apr. 17.
Cossitt, Malcolm L., Alameda, Calif., assignor to Manifold Impressions Corporation, Carson City, Nev. Manifolding attachment for typewriters. 1,451,866; Apr. 17.
Cossitt, Malcolm L., Alameda, Calif., assignor to Manifold Impressions Corporation, Carson City, Nev. Manifolding attachment for typewriters. 1,452,193; Apr. 17.
Cossitt, Malcolm L., Alameda, Calif., assignor to Manifold Impressions Corporation, Carson City, Nev. Manifolding attachment for typewriters. 1,461,599; July 10.
Cossitt, Malcolm L., Oakland, Calif., assignor to Manifold Impressions Corporation, Carson City, Nev. Manifolding platen for typewriters. 1,467,532; Sept. 11.
Costanz, Charles, Brooklyn, N. Y. Lamp globe. Des. 63,118; Oct. 9.
Costello, Joseph A., assignor to The Cleveland Brass Manufacturing Company, Cleveland, Ohio. Valve. 1,473,210; Nov. 6.
Costello, Joseph A., assignor to The Cleveland Brass Manufacturing Company, Cleveland, Ohio. Faucet. 1,477,808; Dec. 18.
Costello, Matthew J., New York, N. Y. Scarf, stole, or muffler. Des. 63,359; Nov. 27.
Costello, Thomas J., Warren, Ohio, assignor to Tate-Jones & Company, Inc., Pittsburgh, Pa. Pair-heating furnace. 1,447,588; Mar. 6.

Coster, Arthur V., London, England, assignor to The Diamond Match Company, Chicago, Ill. Machine for making boxes. 1,461,414; July 10.
Costmeter Company. (See Quigley, John T., assignor.)
Costovici, Nicolas B., Lausanne, Switzerland, assignor to American Nicovici Drawing Instruments Corporation, New York, N. Y. Device for drawing circles. 1,460,093; June 26.
Cosulich, Matteo, assignor to Thomas & Buckley Hoisting Co., New York, N. Y. Brake for electric-motor-operated hoists. 1,462,265; July 17.
Cotal, Jean, Puteaux, France. Change-speed-gear mechanism. 1,462,740; July 24.
Côté, Alphonse, Eel River, New Brunswick, Canada. Hook. 1,465,510; Aug. 21.
Côté, Alphonse, Eel River, New Brunswick, Canada. Tensioning device for saws. 1,473,468; Nov. 6.
Côté, Joseph L., Oakland, Calif. Brick-handling machine. 1,440,769; Jan. 2.
Cote, Omer E., Pawtucket, R. I. Winding mandrel. 1,450,717; Apr. 3.
Cotey, Llewellyn F., Alexandria, La. Ice shaver. 1,478,175; Dec. 18.
Cothran, Walter S., assignor to Towers & Sullivan Manufacturing Co., Rome, Ga. Plow hitch. 1,475,799; Nov. 27.
Coto-Coil Company. (See Lewis, Ralph C., assignor.)
Cotono Corporation. (See Wadsworth, Philip C., assignor.)
Cott, Charles M., Roanoke, Va. Check book and the like. 1,459,702; June 19.
Cotta, Charles. (See Zumdahl, Frederick C., assignor.)
Cotta Transmission Co. (See Asprooth, Axel Hj., assignor.)
Cottakis, Tassos M. (See Metropole, T. D., and Cottakis.)
Cottam, John B., Montecito, Calif. Collapsible queen and drone trap. 1,462,933; July 24.
Cottam, John B., Montecito, Calif. Ventilating gate for beehives. 1,468,995; Sept. 25.
Cottam, John B., Montecito, Calif. Beehive hood and condition indicator. 1,470,112; Oct. 9.
Cottam, Robert, Oldham, T. Sefton, Shaw, and J. E. Lees, Oldham, England. Roller for drawing mechanisms for fibrous material. 1,474,020; Nov. 13.
Cottam, Robert, Oldham, T. Sefton, Shaw, and J. E. Lees, Oldham, England. Roller for drawing mechanism for fibrous material. 1,474,021; Nov. 13.
Cottam, Robert, Oldham, T. Sefton, Shaw, and J. E. Lees, Oldham, England. Roller for drawing mechanism for fibrous material. 1,474,022; Nov. 13.
Cottam, Robert, Oldham, T. Sefton, Shaw, and J. E. Lees, Oldham, England. Roller for drawing mechanism for fibrous material. 1,474,023; Nov. 13.
Cotter, Ernest W., Sydenham, London, and E. Troughton, Brockley, London, assignors to J. Stone & Company Limited, Deptford, England. Window and ventilator. 1,467,839; Sept. 11.
Cotton, Alfred, assignor to Heine Boiler Company, St. Louis, Mo. Superheater boiler. 1,450,021; Mar. 27.
Cotton, Alfred, assignor to Heine Boiler Company, St. Louis, Mo. Steam superheater. 1,463,547; July 31.
Cotton, Arthur F. R., London, England. Gramophone. 1,470,812; Oct. 16.
Cotton, Bertie R., assignor to Hammond, Turner & Sons, Limited, Birmingham, England. Hair comb. 1,467,533; Sept. 11.
Cotton, Walter H. (See Kanagy, Abraham L., assignor.)
Cotton, Walter H., Chicago, Ill. Furnace roof. 1,440,446; Jan. 2.
Cottrell, C. B., & Sons Company. (See Barber, Howard M., assignor.)
Cottrell, Sylvester P., Buffalo, N. Y. Combined light and firearm. 1,461,600; July 10.
Cottrell, William F., Bristol, England. Spring cover for motor cars or other vehicles. 1,454,106; May 8.
Cottringer, Paul. (See Barstow, E. O., and Cottringer.)
Cottringer, Paul, assignor to The Dow Chemical Company, Midland, Mich. Making phenol. 1,466,991; Sept. 4.
Cottringer, Paul, and W. R. Collings, assignors to The Dow Chemical Company, Midland, Mich. Making anhydrous magnesium chloride. 1,450,912; Apr. 10.
Coty, Alfred C., assignor to The Watertown Bag Machine Co., Inc., Toledo, Ohio. Tubing machine. 1,453,864; May 1.
Coty, Francois J. de S., Paris, France. Bottle. Des. 62,318; May 8.
Coty, Francois J. de S., Paris, France. Talcum-powder can. Des. 63,395; Dec. 4.
Coty, Inc. (See Benois, Edouard P., assignor.)
Couch, Leo K. (See Scheffer, T. H., and Couch.)
Coughlan, John N., New York, N. Y. Propelling attachment for boats. 1,461,697; July 10.
Coughlin, Felix J., Versailles, Ohio. Packing case for parachutes. 1,444,369; Feb. 6.
Coughlin, John P., Chicago, Ill. Wrench. 1,467,709; Sept. 11.
Coughlin, John P., Chicago, Ill. Wrench. 1,467,756; Sept. 11.
Coughlin, Joseph D., New York, N. Y., assignor, by mesne assignments, of one-half to D. A. McConnell. Hair curler. 1,462,484; July 24.
Coughlin, William G., Philadelphia, Pa. Railway construction. 1,441,401; Jan. 9.
Coughlin, William G., Philadelphia, Pa. Built-up tie. 1,475,429; Nov. 27.
Coughtrie, Oliver, Deal, England. Device for use in practicing the game of golf and other games and for like purposes. 1,464,029; Aug. 7.
Coulombe, Joseph C., Dracut, Mass. Signal horn. 1,441,402; Jan. 9.
Coulombe, Joseph C., Dracut, Mass. Liquid-feeding device. 1,467,633; Sept. 11.
Coulombe, Joseph C., Dracut, Mass. Air-compressing means. 1,468,282; Sept. 18.
Couls, George R., Detroit, Mich. Truck-body-dumping mechanism. 1,475,936; Dec. 4.
Coulson, Arthur M. (See Hall-Bullock, George, assignor.)
Coulson, Harry G. (See Bell, H. L., and Coulson.)
Coulson, Harry G. (See Hale, E. L., and Coulson.)
Coulson, William R., Sturgeon, Mo. Demountable rim. 1,478,103; Dec. 18.
Coulston, Earl V., Rock Island, Ill. Stove-top construction. 1,478,470; Dec. 25.
Coulston, Harry, assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Stocking board. 1,475,753; Nov. 27.
Coulter, Fred E., Stratford, Iowa. Folding binder reel. 1,470,061; Oct. 9.
Coulter, Hugh T., et al., executors. (See Davidson, Samuel C.)
Coulter, Lemuel P., Huntington Park, Calif. Gas burner. 1,469,716; Oct. 2.
Coulter & McKenzie Machine Company, The. (See Berg, Andrew, assignor.)
Coulter, William J., Toronto, Ontario, Canada. Clothes reel. 1,475,369; Nov. 27.
Coulter, William R., Allentown, Pa. Gear shift and brake control. 1,478,176; Dec. 18.
Counsell, Charles T., assignor to Counsell Film Process and Chemical Company Limited, Sydney, New South Wales, Australia. Treatment of photographic films and apparatus therefor. 1,478,639; Dec. 25.
Counsell Film Process and Chemical Company Limited. (See Counsell, Charles T., assignor.)
Counter, Howard E., Leipsic, Ohio. Draft appliance for tractors. 1,462,685; July 24.
Courson, William M., Traverse City, Mich. Shoe-heel stiffener. 1,456,915; May 29.
Court, Arthur L., San Francisco, Calif. Ore concentration. 1,470,350; Oct. 9.
Court, Frank T., Walker, Iowa. Distant control for tractors. 1,453,130; Apr. 24.
Courtaulds Limited. (See Callimachi, Michel T., assignor.)
Courtaulds Limited. (See Delph, Albert E., assignor.)
Courtaulds Limited. (See Hegan, Horace J., assignor.)
Courtaulds Limited. (See Lloyd, John A., assignor.)
Courtaulds Limited. (See Stokes, William H., assignor.)
Courteen, Henry, Sunbury-on-Thames, England. Oil lamp. 1,450,580; Apr. 3.
Courtier, Jules and P., Paris, France; said P. Courtier assignor to said Jules Courtier. Spark regulator for restoring normal ignition to fouled spark plugs. 1,460,227; June 26.
Courtier, Pierre. (See Courtier, Jules and P.)
Courtney, Arnold A., Ottumwa, Iowa. Cattle-horn weight. 1,472,207; Oct. 30.
Courtney, Joe E., Plainview, Tex. Railway highway stop. 1,473,082; Nov. 6.
Courtney, Thomas L., et al. (See McNab, Norman S., assignor.)
Courtois-Suffit, Roger, Paris, France. Landing indicator for aircraft. 1,450,431; Apr. 3.
Courtright, Ernest W., New York, N. Y. Automobile signal. 1,443,894; Jan. 30.
Couser, Isaac, Manchester, N. H., assignor to Draper Corporation, Hopedale, Mass. Bobbin-supply box. 1,451,683; Apr. 17.
Cousins, Benjamin, Slick, Okla. Producing detachable connecting links. 1,447,064; Feb. 27.
Cousins, Benjamin, Slick, Okla. Cementing dumper. 1,450,485; Apr. 3.
Coutant, Benoni L., Jacksonville, Fla. Ejector. 1,458,523; June 12.
Coutinho da Nobrega, Joaquim, New York, N. Y. Momentum-operated brake. 1,455,325; May 15.
Covell, Nathaniel, Tidioute, Pa. Saw-set tool. 1,462,686; July 24.
Covell, William J., San Francisco, Calif. Dosage bottle. 1,453,444; May 1.
Covell, William J., San Francisco, Calif. Dispensing container. 1,453,445; May 1.
Covelle, Albert E., West Medford, Mass. Adjusting glasses, spectacles, and the like. 1,452,909; Apr. 24.
Cover, Harry A., and A. McKinney, Mount Vernon, Ill. Brake device. 1,459,574; June 19.
Cover, Harvey S., South Bend, Ind. Eye goggles. 1,478,818; Dec. 25.
Cover, Ralph, Baltimore, assignor to The United Machinery Company, Westminster, Md. Corn-husking machine. 1,458,221; June 12.
Coverdale, Philip H. J., Beaumont, Tex. Curing rack. 1,458,643; June 12.

Coverly, Homer, Los Angeles, Calif. Chair construction. 1,478,640; Dec. 25.
Covert, Martin B., Indianapolis, Ind. Clutch cone. 1,444,168; Feb. 6.
Covi, John B., Far Rockaway, N. Y., assignor, by mesne assignments, to White Products Company, Chicago, Ill. Hood fastener. 1,472,242; Oct. 30.
Cowan, Charles H., jr., assignor to Atwood Machine Company, Stonington, Conn. Swift. 1,443,350; Jan. 30.
Cowan, John A., Kansas City, Mo. Vehicle top and boat. 1,455,994; May 22.
Cowan, John H., Kansas City, Mo. Edging implement. 1,447,711; Mar. 6.
Cowan, Willis B., assignor of one-fourth to G. H. De Vore, Colorado Springs, Colo. Radiator for automobiles. 1,477,209; Dec. 11.
Coward, William M., North Sydney, assignor to F. C. Gadsby, Sydney, New South Wales, Australia. Auxiliary air valve. 1,468,283; Sept. 18.
Cowart, S. A. (See Lovett, Howard W., assignor.)
Cowden, Albert R., and E. J. B. Gorman, Dayton, Ohio. Laminated structure for wheels. 1,462,687; July 24.
Cowden, Lawrence H. (See Anderson, F. J., Cowden, and Ericson.)
Cowdery, Warren H., et al. (See Melanowski, Leo, assignor.)
Cowdrey, Charles F., Fitchburg, Mass. Brake tester for vehicle wheels. 1,440,970; Jan. 2.
Cowdrey, Charles F., Fitchburg, Mass. Brake-testing device for vehicle wheels. 1,440,971; Jan. 2.
Cowdrey, Charles F., Fitchburg, Mass. Brake-testing device for vehicle wheels. 1,440,972; Jan. 2.
Cowdrey, Charles F., Fitchburg, Mass. Automobile attachment. 1,448,912; Mar. 20.
Cowdrey, Charles F., Fitchburg, Mass. Automobile attachment. 1,476,393; Dec. 4.
Cowel, John E., Crest, Colo. Means for connecting stovepipe sections. 1,441,967; Jan. 9.
Cowell, Nelson H., New York, and E. Niederman, Elmhurst, N. Y. Hack saw. 1,445,491; Feb. 13.
Cowell, Robert J. (See Jardee, M. F., and Cowell.)
Cowen, Walter L., and C. A. Friend, assignors to L. Rogaly, Sydney, New South Wales, Australia. Automatic starting and stopping attachment for disk-type talking machines. 1,455,478; May 15.
Cowie, Floyd J., Sandusky, Ohio. Indicating means for automobile gasoline tanks. 1,440,447; Jan. 2.
Cowin, Irving R., assignor of one-half to W. Carmack, and one-half to F. C. Werk, Cleveland, Ohio. Pressure regulator. 1,453,704; May 1.
Cowin, Stuart H., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Driving mechanism. 1,444,952; Feb. 13.
Cowles, Burton S., Wilkes-Barre, Pa. Piston and piston ring and making the same. 1,474,024; Nov. 13.
Cowles, C., and Company. (See Gates, Louis W., assignor.)
Cowles, C., and Company. (See Hart, Franklin H., assignor.)
Cowles, Edward P., Sparta, Mich. Automatically-reversing drain board for clothes wringers. 1,453,337; May 1.
Cowles, Edwin, Auburndale, Mass., assignor to The Electric Smelting & Aluminum Co. Inc., Lockport, N. Y. Method of and apparatus for solidifying materials. 1,445,004; Feb. 13.
Cowles, Harold A., Rochester, N. Y. Toy house. Des. 61,749; Jan. 2.
Cowles, Irving, Chicago, Ill. Automatic vapor feed for hydrocarbon motors. 1,466,425; Aug. 28.
Cowles, Rolla R., Chicago, Ill. Vehicle towing device. 1,473,211; Nov. 6.
Cowley, Jay P., Tacoma, Wash. Autographic register. 1,454,810; May 8.
Cowling, Harry G. (See Osterdahl, L., and Cowling.)
Cowlishaw, Walker & Company (1920) Limited. (See Moore, Matthew S., assignor.)
Cowper-Coles, Sherard O., Sunbury-on-Thames, England. Manufacture of zinc cylinders for primary batteries. 1,477,109; Dec. 11.
Cox, Abram, Stove Company. (See Mott, Abram C., jr., assignor.)
Cox Brass Manufacturing Company. (See Cox, William G., assignor.)
Cox, Carlos W., Ames, Iowa. Repairing storage batteries. 1,446,882; Feb. 27.
Cox, Charles C. (See Loofs, W. J., and Cox.)
Cox, Charles E., Freeport, Ill. Automatic drill press 1,461,755; July 17.
Cox, Chester R., Berkeley, Calif. Built-in disappearing furniture. 1,464,352; Aug. 7.
Cox, Cicero A., Ragland, Ala. Air-compressing attachment for engines. 1,455,601; May 15.
Cox, Claude E., Detroit, Mich. Recording instrument. 1,459,087; June 19.
Cox, David C., Pittsfield, Mass. Indicator. 1,450,410; Apr. 3.
Cox, Ferdinand, Jackson, Mich. Power transmitting and control mechanism. 1,465,348; Aug. 21.
Cox, Frederick N., Berkeley, Calif. Surgical tool. 1,467,231; Sept. 4.
Cox, G. Clay. (See Janes, Joseph, assignor.)
Cox, George H., Loughborough, England. Method and process of producing fabrications in imitation of wood, ivory, and other grained or figured materials or substances. 1,469,035; Sept. 25.
Cox, Henry G., Chicago, Ill., assignor to International Harvester Company. Forming flat coils. 1,455,188; May 15.
Cox, James S., Los Angeles, Calif. Means for preventing frost on trees and the like. 1,461,110; July 10.
Cox, Jesse C. (See Dixon, T. K., Klein, Cox, and Ghent.)
Cox, Jesse C., and J. W. McClung, Anderson, Ind. Thumb protector. 1,471,948; Oct. 23.
Cox, John L., Philadelphia, Pa. Projectile. 1,444,335; Feb. 6.
Cox, John L., Philadelphia, Pa. Armor plate and making same. 1,470,813; Oct. 16.
Cox, John T., assignor to Brown Company, Berlin, N. H. Apparatus for treating edible fats. 1,469,896; Oct. 9.
Cox, John W., Baraboo, Wis. Combined bell and buzzer. 1,470,062; Oct. 9.
Cox, Joseph L. (See Cox, Paul F., assignor.)
Cox, Kenneth, Putney, London, R. P. Kerr, Gateshead-upon-Tyne, and E. J. Baty, Luton, England. Apparatus for gas purification. 1,453,754; May 1.
Cox, Lucille, Chicago, Ill. Stamp container. 1,462,535; July 24.
Cox, Millard F., Louisville, Ky., assignor to Union Metal Products Company, Chicago, Ill. Release rigging for railway-car couplers. 1,469,292; Oct. 2.
Cox, Oscar L., Memphis, Mo. Gate. 1,450,486; Apr. 3.
Cox, Paul F., Chicago, Ill. Printing press. 1,449,214; Mar. 20.
Cox, Paul F., Chicago, Ill. Web-printing press. 1,449,215; Mar. 20.
Cox, Paul F., Chicago, Ill. Impression throw off and on device for traveling-cylinder presses. 1,457,501; June 5.
Cox, Paul F., Chicago, Ill. Stencil-addressing machine. 1,475,565; Nov. 27.
Cox, Paul F., assignor of one-half to J. L. Cox, Chicago, Ill. Printing press. 1,475,566; Nov. 27.
Cox, Reginald E., Torrance, Calif. Ball-bearing swivel sucker-rod joints. 1,471,105; Oct. 16.
Cox, Reginald E., Mexia, Tex. Sucker-rod coupling. 1,471,106; Oct. 16.
Cox, Stephen A. D., Ontario, Calif. Gas burner. 1,472,554; Oct. 30.
Cox, Walter C., Denver, Colo. Endless-track structure for motor-driven vehicles. 1,455,906; May 22.
Cox, William C., Washington, D. C. Photographic-paper receptacle. 1,458,166; June 12.
Cox, William G., Cleveland, Ohio. Spring bracket and fender. 1,455,573; May 15.
Cox, William G., Cleveland, Ohio. Vehicle fender. 1,458,276; June 12.
Cox, William G., Cleveland, Ohio. End shield for motor vehicles. 1,458,277; June 12.
Cox, William G., Cleveland, Ohio. End shield for motor vehicles. 1,459,321; June 19.
Cox, William G., Cleveland, Ohio. Shock-absorbing fender. 1,459,652; June 19.
Cox, William G., Cleveland, Ohio. Fender. 1,460,343; June 26.
Cox, William G., Cleveland, Ohio. Spring fender or bumper. 1,463,308; July 31.
Cox, William G., Cleveland, Ohio, assignor to Cox Brass Manufacturing Company, Albany, N. Y. Parallel-bar bumper. 1,441,785; Jan. 9.
Cox, William G., Cleveland, Ohio, assignor to Cox Brass Manufacturing Company, Albany, N. Y. Attachment device for vehicle bumpers and bumper brackets. 1,445,005; Feb. 13.
Cox, William G., Cleveland, Ohio, assignor to Cox Brass Manufacturing Company, Albany, N. Y. Spring bumper for motor vehicles. 1,446,616; Feb. 27.
Cox, William G., Cleveland, Ohio, assignor to Cox Brass Manufacturing Company, Albany, N. Y. Sectional bumper for motor vehicles. 1,446,617; Feb. 27.
Cox, William G., Cleveland, Ohio, assignor to Cox Brass Manufacturing Company, Albany, N. Y. Appliance for attaching bumpers adjustably to automobiles. 1,451,535; Apr. 10.
Cox, William G., Cleveland, Ohio, assignor to Cox Brass Manufacturing Company, Albany, N. Y. Automobile shield. 1,462,956; July 24.
Cox, William G., assignor, by mesne assignments, to The Eaton Axle and Spring Company, Cleveland, Ohio. Resilient guard for automobiles. 1,469,999; Oct. 9.
Cox, William G., assignor, by mesne assignments, to The Eaton Axle and Spring Company, Cleveland, Ohio. Flexible bumper. 1,470,000; Oct. 9.
Cox, William G., assignor, by mesne assignments, to The Eaton Axle and Spring Company, Cleveland, Ohio. Spring buffer or bumper. 1,470,960; Oct. 16.
Cox, William S., College Park, Ga. Insecticide. 1,469,773; Oct. 9.
Coxe, Albert E. (See Carter, C. B., and Coxe.)
Coy, Earnest V., Excelsior Springs, Mo. Vehicle theft-preventing device. 1,450,411; Apr. 3.
Coy, Harris S., Anderson, Ind. Manual operating means for automatic temperature-control systems. 1,453,379; May 1.

Coyle, David W., Pasadena, Calif. Advertising sign. 1,470,522; Oct. 9.
Coyle, Henry, Wilson, N. C. Time-controlled mechanism. 1,449,316; Mar. 20.
Coyle, Henry J., Huntsville, Ala. Push-rod head. 1,449,973; Mar. 27.
Coyle, Joseph A., and C. H. Roth, Minneapolis, Minn. Screening machine. 1,468,005; Sept. 18.
Coyne, James, Pittsburgh, Pa. Combination bolt and nut retainer. 1,473,177; Nov. 6.
Coyne, James H., Port Townsend, Wash. Fire kindler. 1,447,237; Mar. 6.
Cozakos, Peter A., Portland, Oreg. Nonskid tire for vehicle wheels. 1,468,439; Sept. 18.
Cozens, George H., Hamilton, Ontario, Canada. Combination lock. 1,450,137; Mar. 27.
Cozzens, Charles O., assignor to American Optical Company, Southbridge, Mass. Eye protector. 1,441,786; Jan. 9.
Cozzens, Charles O., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 1,461,082; July 10.
Cozzens, Charles O., assignor to American Optical Company, Southbridge, Mass. Eye protector. 1,467,230; Sept. 4.
Crabb, George W. J., East Orange, N. J. Dirigible lamp. 1,442,604; Jan. 16.
Crabbe, Robert J., Weston, W. Va. Well plug. 1,457,148; May 29.
Crabill, Pearl P. (See Turner, J., and Crabill.)
Crabill, Pearl P., and J. Turner, Springfield, Ohio. Bumper for automobiles. 1,476,053; Dec. 4.
Crabill, Pearl P., and J. Turner, assignors to The Central Brass and Fixture Company, Springfield, Ohio. Automobile bumper. 1,457,502; June 5.
Cracker Jack Co., The. (See Eckstein, Henry G., assignor.)
Cracker Jack Co., The. (See Morinsky, Louis, assignor.)
Cracraft, Julian L., Georgetown, Ky. Elevating baggage truck. 1,449,589; Mar. 27.
Craddick, William F., and C. M. Uhlig, assignors to Vit-O-Net Mfg. Co., Chicago, Ill. Electrical blanket and the like. 1,456,223; May 22.
Craft, Walter D. (See Sorensen, F. F., and Craft.)
Crafts, Harold L., Rochester, N. Y. Automobile radiato condenser. 1,461,726; July 17.
Crafts, Otis T., Manchester, N. H. Making shoe-heel bases. 1,458,524; June 12.
Cragin, George P., Spokane, Wash. Shirt. 1,465,625; Aug. 21.
Crago, Felix H., Milltown, Mont. Trap. 1,466,332; Aug. 28.
Crago, Felix H., Milltown, assignor of one-half to S. N. Stenson, Missoula, Mont. Animal trap. 1,464,748; Aug. 14.
Craib, Frederick, Martinez, Calif. Bracket arm. Des. 62,099; Mar. 20.
Craib, Frederick, Martinez, Calif. Bracket arm. Des. 62,100; Mar. 20.
Craib, Frederick, Martinez, Calif. Bracket arm. Des. 62,101; Mar. 20.
Craig, Adele M. (See Craig, Herbert W., assignor.)
Craig, Charles F., San Francisco, Calif., assignor to Craig Golfmeter Co., Wilmington, Del. Captive playing ball. 1,446,641; Feb. 27.
Craig, Clyde L., Washington Court House, Ohio. Folding chair. 1,443,734; Jan. 30.
Craig, Eustace N. (See Pearson, R. E., and Craig.)
Craig, Frederick E., Lawrence, Mass. Elastic tire. 1,470,913; Oct. 16.
Craig, George E., and J. W. McNabnay, assignors to Paragon Recoil Snubber Company, Muskegon, Mich. Shock absorber. 1,444,148; Feb. 6.
Craig Golfmeter Co. (See Craig, Charles F., assignor.)
Craig, Herbert W., Chicago, assignor to A. M. Craig, Riverside, Ill. Illuminator for making photographic enlargements. 1,465,626; Aug. 21.
Craig, James, Butler, Pa. Bolt-pointing machine. 1,440,375; Jan. 2.
Craig, James, Butler, Pa. Pointing bolts. 1,440,376; Jan. 2.
Craig, James W., Providence, R. I. Device for promoting the combustion of carbon-monoxide gas. 1,478,104; Dec. 18.
Craig, James W., assignor to Carbon Monoxide Burner Company, Providence, R. I. Device for promoting the combustion of carbon-monoxide gas. 1,478,105; Dec. 18.
Craig, James W., assignor to Carbon Monoxide Burner Company, Providence, R. I. Device for promoting the combustion of carbon-monoxide gas. 1,478,106; Dec. 18.
Craig, Mathias, Benton, Ill. Hand bag. Des. 63,614; Dec. 25.
Craig, Richard M., San Antonio, Tex. Road illumination for vehicles. 1,442,681; Jan. 16.
Craig, Robert, assignor to International Scale Company, Dayton, Ohio. Scale. 1,450,487; Apr. 3.
Craig, Robert, Dayton, Ohio, assignor, by mesne assignments, to Computing-Tabulating-Recording Co., New York, N. Y. Weighing scale. 1,465,252; Aug. 21.
Craig, Robert M., Wilkinsburg, Pa. Metallic denture backing. 1,463,548; July 31.
Craig, Thomas C., Waterbury, Conn. Elevator. 1,461,601; July 10.
Craig, Walter G., White Plains, N. Y. Concrete mixer. 1,445,999; Feb. 20.
Crain, Burton E., assignor of one-half to F. W. Crain, Springfield, Mo. Folding bed for vehicles. 1,478,358; Dec. 18.
Crain, Frank W. (See Crain, Burton E., assignor.)
Craine, Charles L., assignor of one-half to E. C. Smith, Meadville, Pa. Arch support. 1,470,618; Oct. 16.
Cramer, Albert N., Columbus, Ohio. Cap sterilizer and can-centering plate for can-sealing machines. 1,450,356; Apr. 3.
Cramer, Allen D., assignor of one-half to A. E. Cramer, Pleasant Valley, Iowa. Onion-set-distributing machine. 1,469,293; Oct. 2.
Cramer, Arthur E. (See Cramer, Allen D., assignor.)
Cramer, Carl, Zurich, Switzerland. Bleaching earth. 1,455,995; May 22.
Cramer, Stanley S., Camden, N. J. Music-roll-controlling mechanism. 1,449,090; Mar. 20.
Cramer, Stanley S., Camden, N. J. Bearing. 1,454,041; May 8.
Cramer, William. (See Jacobs, I. M., and Cramer.)
Cramp, William, & Sons Ship and Engine Building Company. (See Overn, John, jr., assignor.)
Cramp, William, & Sons Ship & Engine Building Company, The. (See Larner, Chester W., assignor.)
Crampton, Ferd L., Kansas City, Mo. Automatic closing attachment for valves. 1,477,809; Dec. 18.
Crampton, Thomas S., Stemmers Run, Md. Vegetable cutter. 1,442,861; Jan. 23.
Cranage, Harry B., assignor of four-tenths to L. Fox, Leeds, England. Ironing machine for pressing seams of clothing. 1,464,030; Aug. 7.
Crance, Aderson B. C., Marlinton, W. Va. Rail joint. 1,442,384; Jan. 16.
Crandall, Emery P., Washington, D. C. Automobile steering-gear lock. 1,442,605; Jan. 16.
Crandall, Irving B., assignor to Western Electric Company, Incorporated, New York, N. Y. Acoustic apparatus. 1,456,538; May 28.
Crandall, Jay E., assignor to Gaw-O'Hara Envelope Co., Chicago, Ill. Blank-feeding mechanism. 1,442,923; Jan. 23.
Crandell, Willis S., Elsmere, N. Y. Paper-making machine. 1,450,488; Apr. 3.
Crandell, Willis S., Elsmere, N. Y. Paper-making machine. 1,457,349; June 5.
Crandell, Willis S., Elsmere, assignor to A. P. W. Paper Co., Albany, N. Y. Paper-making machine. 1,453,090; Apr. 24.
Crandell, Willis S., Elsmere, assignor to Albany Paper Mill Machinery Company, Inc., Albany, N. Y. Friction driving element. 1,455,389; May 15.
Crandell, Willis S., Elsmere, assignor to Albany Paper Mill Machinery Company, Inc., Albany, N. Y. Adjusting mechanism for friction gears. 1,456,121; May 22.
Crandell, Willis S., Elsmere, assignor to Albany Perforated Wrapping Paper Company, Albany, N. Y. Machine for and process of producing rolls of paper for towels, toilet paper, etc. 1,457,822; June 5.
Crane, Charles M. (See White, Lettie M., assignor.)
Crane Co. (See Carlson, Otto M., assignor.)
Crane Company. (See Heinze, William A., assignor.)
Crane Company. (See O'Rourke, Andrew, assignor.)
Crane Company. (See Wilson, James M., assignor.)
Crane Company. (See Wolff, Louis, assignor.)
Crane, Frederick G., et al. (See Hammond, Grant, assignor.)
Crane, Harry W., Bridesburg, Philadelphia, Pa. Rim tool and wheel puller. 1,476,692; Dec. 11.
Crane, Jasper E., and E. G. Loomis, Newark, N. J., assignors to E. I. du Pont de Nemours and Company, Wilmington, Del. Method and apparatus for purifying camphor. 1,468,377; Sept. 18.
Crane, John T., Maywood, assignor to Chicago Metallic Packing Co., Chicago, Ill. Packing. 1,466,641; Aug. 28.
Crane, Joseph, Larned, Kans. Dump-header barge. 1,475,279; Nov. 27.
Crane, Leslie, assignor of one-half to F. R. Patch Manufacturing Company, Rutland, Vt. Sway-bar bearing for gang saws. 1,471,649; Oct. 23.
Crane, Leslie, assignor of one-half to F. R. Patch Manufacturing Company, Rutland, Vt. Suspension jack for gang saws. 1,471,650; Oct. 23.
Crane, Louis, New York, N. Y. Alarm-clock release for phonographs. 1,474,240; Nov. 13.
Crane, Newton, Brookline, Mass. Process and apparatus for making seamless tubing. 1,444,953; Feb. 13.
Crane Packing Company. (See Payne, Frank E., assignor.)
Crane, Richard. (See Snadecki, William J., assignor.)
Crane, Ryerson, Chicago, Ill., assignor to Ryerson Crane, Inc. Atomizing oil burner. 1,456,266; May 22.
Crane, Ryerson, Inc. (See Crane, Ryerson, assignor.)
Crane, Samuel G., assignor to Toledo Scale Company, Toledo, Ohio. Automatic weighing and totaling scale. 1,446,963; Feb. 27.
Crane, Samuel G., assignor to Toledo Scale Company, Toledo, Ohio. Illuminating weighing scale. 1,459,441; June 19.

Crane, William E., Oakland, Md. Apparatus for treating soil. 1,457,210; May 29.
Crane, William M., Company. (See O'Dowd, Henry W., assignor.)
Cranford, Frederick L. (See Meem, James C., assignor.)
Cranmer, Frank B. (See Hampshire, H. F., and Cranmer.)
Crannell, Charles W., assignor of one-half to R. R. Barnes, Chappell, Nebr. Irrigation pump. 1,441,833; Jan. 9.
Crantz, Alfred J., Denver, Colo. Lady's hatbox. 1,468,658; Sept. 25.
Cranz, James M., Buffalo, N. Y. Tire tread. Des. 63,073; Oct. 2.
Crapper, John J., Brooklyn, N. Y. Trolley sheave. 1,474,241; Nov. 13.
Crary, James H., Brooklyn, N. Y. Strainer. 1,463,067; July 24.
Crasilneck, Jake N., San Antonio, Tex. Shoe heel. 1,441,068; Jan. 2.
Crass, George F., Ithaca, N. Y. Lock. 1,477,318; Dec. 11.
Crass, George F., assignor of one-half to J. H. McCormick, Ithaca, N. Y. Nonskid device for automobiles. 1,478,847; Dec. 25.
Crate, James S., Houston Tex. Educational apparatus. 1,476,671; Dec. 4.
Crater, Oriel E., Constantine, Mich. Safety razor. 1,448,108; Mar. 13.
Cratty, Robert, assignor of one-half to T. Huntley, Seattle, Wash. Animal trap. 1,442,385; Jan. 16.
Craun, Daniel A., Orange, Va. Pin-inserting tool. 1,466,992; Sept. 4.
Crause, Peter, Hartford, Conn. Necktie-knot-forming device. 1,456,622; May 29.
Craven, Aaron S., Oak Lane, Pa. Sawing machine. 1,445,268; Feb. 13.
Craven Brothers (Manchester) Limited. (See Miley, John, assignor.)
Craver, Augustus E., Buffalo, N. Y., assignor to The Barrett Company. Dyestuff prepared from orthoxylylaldehyde. 1,470,554; Oct. 9.
Craver, Augustus E., Buffalo, N. Y., assignor to The Barrett Company. Dyestuff prepared from orthoxylylaldehyde. 1,470,555; Oct. 9.
Craver, Howard S., assignor of one-half to H. S. Judd, Chicago, Ill. Washing machine. 1,456,052; May 22.
Craver, Howard S., assignor of one-half to H. S. Judd, Chicago, Ill. Washing machine. 1,456,053; May 22.
Craver, Thomas G., assignor of one-fourth to M. L. Parker, Mount Hope, and one-fourth to L. Dougless, Scarboro, W. Va. Advertising device. 1,453,755; May 1.
Craw, George R., Fort Wayne, Ind. Service cabinet. 1,469,359; Oct. 2.
Crawford, Charles J., St. Louis, Mo. Manufacturing new and improved high refractory. 1,477,810; Dec. 18.
Crawford, Charles J., St. Louis, Mo. Metallurgical-furnace roof. 1,477,811; Dec. 18.
Crawford, Charles P., Los Angeles, Calif. Fountain pen. 1,447,281; Mar. 6.
Crawford, Charles P., Salt Lake City, Utah. Apparatus for burning pulverized fuel. 1,448,390; Mar. 13.
Crawford, Charles S. (See Nelson, Adolph L., assignor.)
Crawford, Charles S., assignor to Premier Motor Corporation, Indianapolis, Ind. Vehicle wheel. 1,447,927; Mar. 6.
Crawford, Ellsworth A., Harrisburg, Ark. Gas vacuum vaporizer. 1,474,764; Nov. 20.
Crawford, George M. (See London, Jacob M., assignor.)
Crawford, H. F., Manufacturing Company. (See Balch, Alfred T., assignor.)
Crawford, Henry A., Tulsa, Okla. Aeroplane suspension. 1,453,307; May 1.
Crawford, James R., Clinton, S. C. Valve-actuating device. 1,465,035; Aug. 14.
Crawford, Marion L., Malvern, Ohio. Screen scratcher or rubber. 1,466,580; Aug. 28.
Crawford, McGregor and Canby Company, The. (See Long, Claud L., assignor.)
Crawford, McGregor and Canby Company, The. (See Mattern, George W., assignor.)
Crawford, Samuel, Menominee, Mich. Oil-well-casing tightener. 1,444,230; Feb. 6.
Crawford, William E., Havre, Mont. Spring wheel. 1,460,889; July 3.
Crawley, Courtland J., Chicago, Ill. Receptacle. 1,453,784; May 1.
Crawley, James W., Alameda, Calif. Automobile signal. 1,448,913; Mar. 20.
Crawley, Mansfield C., Groton, N. Y., assignor to Addograph Company, Los Angeles, Calif. Case-shift mechanism. 1,455,109; May 15.
Crawley, Mansfield C., Groton, N. Y., assignor to Addograph Company, Los Angeles, Calif. Ribbon mechanism. 1,455,110; May 15.
Crawley, Mansfield C., Groton, N. Y., assignor to Addograph Company, Los Angeles, Calif. Ribbon shift and vibrating mechanism. 1,455,111; May 15.
Crawley, Mansfield C., Groton, N. Y., assignor to Addograph Company, Los Angeles, Calif. Typewriting machine. 1,455,112; May 15.
Crawley, Mansfield C., Rutherford, N. J., assignor to Addograph Company, Los Angeles, Calif. Power typewriter. Re15,640; July 3.
Crawley, Mansfield C., Groton, N. Y., assignor to Addograph Company, Los Angeles, Calif. Typewriting machine. 1,469,774; Oct. 9.
Crawley, Mansfield C., Rutherford, N. J., assignor to Addograph Company, Los Angeles, Calif. Typewriting machine. 1,469,775; Oct. 9.
Crawley, Mansfield C., Groton, N. Y., assignor to Addograph Company, Los Angeles, Calif. Typewriting machine. 1,469,776; Oct. 9.
Crawley, Mansfield C., Groton, N. Y., assignor to Addograph Company, Los Angeles, Calif. Typewriting machine. 1,469,777; Oct. 9.
Crawley, Mansfield C., Groton, N. Y., assignor to Addograph Company, Los Angeles, Calif. Typewriting machine. 1,469,778; Oct. 9.
Crawley, Mansfield C., Groton, N. Y., assignor to Addograph Company, Los Angeles, Calif. Typewriting machine. 1,478,380; Dec. 25.
Creager, Edwin F., and S. Rogers, Anderson, Ind., assignors to The Remy Electric Company. Coil-winding machine. 1,459,013; June 19.
Creamer, Dorothy A., et al., executors. (See King, John F.)
Creamery Package Mfg. Company, The. (See Wilkinson, Stanley W., assignor.)
Creasey, Samuel E., Alfred, assignor to Sanford Mills, Sanford, Me. Ornamental pile fabric and producing the same. 1,467,136; Sept. 4.
Creasy, Luther P., Catawissa, Pa. Dial. 1,475,800; Nov. 27.
Creath, John, Duquoin, Ill. Telescopic lamp brush. 1,440,770; Jan. 2.
Creazzo, Saverio, New York, N. Y. Cigarette and match dispensing receptacle. Des. 63,173; Oct. 30.
Cree-Becker Oil Tool Company, The. (See Blair, Frank M., assignor.)
Creech, Robert C., jr., Columbia, S. C. Pocket ornament. 1,466,993; Sept. 4.
Creed, Frederick G., Croydon, England. Telegraphic receiving apparatus. 1,452,793; Apr. 24.
Creed, Frederick G., Croydon, England. Telegraphic receiving apparatus. 1,452,794; Apr. 24.
Creed, William J., Cincinnati, Ohio. Vegetable cutter. 1,443,948; Feb. 6.
Creigh, John I., assignors of one-third to Cammell Laird & Company Limited, and one-third to J. M. Allan, Sheffield, England. Hydraulic press and the like. 1,469,499; Oct. 2.
Creighton, Claud L., Megargel, Tex. Embroidery tool. 1,477,430; Dec. 11.
Creighton, Frank M., Americus, Ga., and C. J. Williams, jr., assignors to Moore Dry Kiln Company, Jacksonville, Fla. Pipe system for kilns. 1,476,595; Dec. 4.
Creighton, Melvin, Rensselaer Falls, N. Y. Lightning rod. 1,467,922; Sept. 11.
Crell, Albert P., Grand Rapids, Mich. Bumper support for automobiles. 1,470,814; Oct. 16.
Crémer, Alfred, Verviers, Belgium. Electrolysis of metal. 1,466,994; Sept. 4.
Crenshaw, Thomas W. and W. J., Clarksville, Tex. Figure toy. 1,461,179; July 10.
Crenshaw, Willie J. (See Crenshaw, Thomas W. and W. J.)
Crescent Machine Company, The. (See Wilderson, Clinton G., assignor.)
Crescent Paper Box Factory. (See Levy, Harold M., assignor.)
Crescio, Louis C., assignor of one-half to L. Malatesta, New York, N. Y. Locking device. 1,448,953; Mar. 20.
Cresco Creamery Supply Co. (See Goldberger, Morris, assignor.)
Crespi, Silvio, Milan, Italy. Circular-weaving loom. 1,444,590; Feb. 6.
Cress, Alva A., Detroit, Mich. Wrench. 1,471,142; Oct. 16.
Cress, Henry A., jr., Hillsboro, Ill. Camping vehicle. 1,476,239; Dec. 4.
Cress, Horatio G., Troy, Ohio. Educational device. 1,455,522; May 15.
Cressey, Steve, San Pedro, Calif. Reversing mechanism. 1,471,245; Oct. 16.
Cressler, Alfred D., Washington, D. C. United Coal Storage Elevator System. 1,446,785; Feb. 27.
Cresson, George L., Milwaukee, Wis. Window scaffold. 1,456,362; May 22.
Creswell, Luther E., Chicago, Ill. Wheel. 1,440,659; Jan. 2.
Cretors, Charles, Chicago, Ill. Pan for popping corn. 1,478,819; Dec. 25.
Creveling, John L., Auburn, N. Y. Power transmission. 1,470,961; Oct. 16.
Creveling, John L., White Plains, N. Y., assignor to Gould Coupler Company. Electric regulation. 1,442,050; Jan. 16.
Crewe, Samuel, East Cleveland, Ohio. Display apparatus. 1,443,679; Jan. 30.
Cribben & Sexton Company. (See Harter, Augustus F., assignor.)
Cribben & Sexton Company. (See Wilkinson, D. D., and Harter, assignors.)
Cribben & Sexton Company. (See Wilkinson, George D., assignor.)

Crichton, Arthur M., Uniontown, Pa., assignor to Measured Service Meter Company. Telephone metering system. 1,447,509; Mar. 6.
Crick, Thomas, assignor to Independence Stove and Furnace Company, Independence, Mo. Furnace. 1,449,735; Mar. 27.
Crider, Walter R., Indianapolis, assignor of one-half to H. R. Carroll, Evansville, Ind. Internal-combustion engine. 1,460,789; July 3.
Crimmel, Alvie C. (See Lewis, J. A., and Crimmel.)
Crimmel, Alvie C., Hartford City, Ind. Bin for sugar and the like. 1,449,974; Mar. 27.
Crimmel, Alvie C., Hartford City, Ind. Liquid container for fountain syringes. Des. 62,691; July 24.
Crimmel, Alvie C., Hartford City, Ind. Drawer pull and label holder. 1,478,381; Dec. 25.
Crimp, Alfred A., Chicago, Ill. Socket wrench. 1,471,451; Oct. 23.
Crimp, John A., Ellensburg, Wash., assignor to Airo Metal Products Co. Producing pumps. 1,468,559; Sept. 18.
Crinella, Frank L., Virginia, Minn. Posthole-digging outfit. 1,464,353; Aug. 7.
Cripe, John W., Newville, N. Dak. Closure. 1,467,609; Sept. 11.
Crippen, Herbert O., Jacksonville, Fla. Rail spike. 1,456,363; May 22.
Crippen, Herbert O., Sanford, Fla. Phonograph. 1,468,138; Sept. 18.
Crisenberry, Benjamin F., assignor of two-thirds to M. L. White, Indianapolis, Ind. Syringe. 1,469,764; Oct. 2.
Crisenberry, Benjohn F., Kokomo, Ind. Vaporizer and burner. 1,447,295; Mar. 6.
Crisenberry, Benjohn F., Kokomo, Ind. Feed valve. 1,464,060; Aug. 7.
Crisp, Joseph R., assignor of one-half to A. L. Epps, Almond, N. C. Level. 1,464,467; Aug. 7.
Crispen, Clarence C., Harrisburg, Pa. Elevator for stairways. 1,473,813; Nov. 13.
Crissey, Raymond E., Syracuse, N. Y. Tone-regulating device. 1,454,727; May 8.
Crisson, George. (See Clark, A. B., and Crisson.)
Crisson, George, Hackensack, N. J., assignor to American Telephone and Telegraph Company. Transmission regulating circuits. 1,465,972; Aug. 28.
Crisson, George, Hackensack, N. J., and A. F. Rose, West Brighton, N. Y., assignors to American Telephone and Telegraph Company. Cord-circuit repeater for use between four-wire and two-wire circuits. 1,465,298; Aug. 21.
Crist, John H. and L. G., assignors to Crist & Schilken Company, Pittsburgh, Pa. Door construction. 1,458,748; June 12.
Crist, Louis G. (See Crist, John H. and L. G.)
Crist & Schilken Company. (See Crist, John H. and L. G., assignors.)
Cristiani, Severino. (See Sacerdote, S., and Cristiani.)
Critchett, James H., Niagara Falls, N. Y., assignor to Union Carbide & Carbon Research Laboratories, Inc. Welding rod. 1,460,790; July 3.
Critchley, Harold S. B., London, England. Suitcase. 1,471,385; Oct. 23.
Critelli, Louis J., Thorold, Ontario, Canada. Combined automobile bumper and fender. 1,440,720; Jan. 2.
Crites, Cleo H. (See Eyre, H. G., and Crites.)
Crites, Virgil C., assignor to F. C. Mason, Los Angeles, Calif. Receiver for telephones. 1,457,211; May 29.
Crittall Casement Window Co. (See Walker, Thomas E., assignor.)
Critz, Frank A., jr., West Point, Miss. Roller bearing. 1,459,974; June 26.
Crnoev, Jan, St. Louis, Mo. Necktie holder. 1,445,611; Feb. 13.
Crnoev, Jan, St. Louis, Mo. Necktie holder. 1,456,299; May 22.
Croad, Robin B., Liverpool, England. Manufacture and production of tanning agents. 1,443,697; Jan. 30.
Croakman, Elmer G. (See Young, J., and Croakman.)
Croce, Sam, assignor of one-half to W. Pappas, St. Joseph, Mo. Exhaust-operated alarm for automobiles. 1,450,138; Mar. 27.
Croce, Thomas, and D. Morabito, East Boston, Mass. Spring-actuated closure. 1,462,228; July 17.
Crochat, Henry. (See Colardeau, Emmanuel L. P., assignor.)
Crocker, Bigelow, Fitchburg, Mass. Apparatus for washing paper-making stock. 1,474,893; Nov. 20.
Crocker, Ernest B., Stratford, Conn., assignor to Manning, Maxwell & Moore, Inc., New York, N. Y. Gauge case. 1,466,790; Sept. 4.
Crocker, Ernest B., Stratford, Conn., assignor to Manning, Maxwell & Moore Inc., New York, N. Y. Test gauge pump. 1,478,781; Dec. 25.
Crocker, Irvin A., Kankakee, Ill. Hose reel. 1,472,747; Oct. 30.
Crocker-Wheeler Company. (See Pupin, M. I., and Spencer, assignors.)
Crocker, William W., Junction City, Kans. Clothes stick. 1,457,727; June 5.
Crocker, William W., Salina, Kans. Egg beater. 1,477,948; Dec. 18.
Crockett, Burleigh N., Ayer, Mass. Automobile dining outfit. 1,477,812; Dec. 18.
Crockett, David B., Charleston, W. Va. Device for stopping leaks in pipes. 1,471,386; Oct. 23.
Crockett, Edward R., New York, N. Y. Time card. 1,450,063; Mar. 27.
Crockett, Jesse G., Winnebago, Nebr., assignor to Sloan-Crockett Co., Sioux City, Iowa. Elevating jack. 1,451,661: Apr. 10.
Crockett, Oscar, assignor of one-half to W. B. Crockett, Kansas City, Mo. Safety cranking device. 1,456,481; May 22.
Crockett, Walter B. (See Crockett, Oscar, assignor.)
Crockett, William P., Chicago, Ill. Shouldered nut or bushing and making same. 1,456,177; May 22.
Crockett, William P., Chicago, Ill. Coupling and making the same. 1,456,178; May 22.
Crofford, Ada C., Cody, Nebr. Automatic thread-tension-releasing means for sewing machines. 1,443,460; Jan. 30.
Croft, Frank P., Philadelphia, Pa. Extracting oil. 1,454,705; May 8.
Croft, Hiram D. (See Perkins, J. L., and Croft.)
Croft, Hiram D. (See Perkins, J. L., Croft, and Sickles.)
Croft, Leonard Y., Denver, assignor of one-eighth to M. L. King, Cliff, Colo. Sectional resilient automobile tire and means for securing the same. 1,441,403; Jan. 9.
Croft, Raymond H. (See Garrett, George H., assignor.)
Crofut & Knapp Company, The. (See Cavanagh, John, assignor.)
Crogan, Charles W., Bangor, Me. Tapeline-case structure. 1,467,840. Sept. 11.
Croizier, Marguerite N., Marseille, France. Corset. 1,476,694; Dec. 11.
Crombie, James, St. Louis, Mo. Boiler-turning cradle. 1,453,705; May 1.
Cromer, Harry I., Oak Park, Ill. Treating or retting and curing hemp, flax, perini, jute, or other fibrous material. 1,448,391; Mar. 13.
Cromley, John M., Lewisburg, Pa. Radiator tongs. 1,445,758; Feb. 20.
Crommett, Charles F., Elizabeth, W. Va., assignor to G. L. Cabot, Boston, Mass. Gaseous-fuel composition and making the same. 1,444,665; Feb. 6.
Crompton, James, and W. Gallagher, Salford, Manchester, England. Boiler and like furnace. 1,454,229; May 8.
Crompton & Knowles Loom Works. (See Came, Samuel, assignor.)
Crompton & Knowles Loom Works. (See Chevrette, Augustin J., assignor.)
Crompton & Knowles Loom Works. (See Clark, Everett E., assignor.)
Crompton & Knowles Loom Works. (See Holmes, Elbridge R., assignor.)
Crompton & Knowles Loom Works. (See Jenckes, Lawrence B., assignor.)
Crompton & Knowles Loom Works. (See Knowlton, C. E., and Ryon, assignors.)
Crompton & Knowles Loom Works. (See Mann, Joseph S., assignor.)
Crompton & Knowles Loom Works. (See Robertson, William W., assignor.)
Crompton & Knowles Loom Works. (See Ryon, Eppa H., assignor.)
Crompton & Knowles Loom Works. (See Soderberg, John G., assignor.)
Crompton & Knowles Loom Works. (See Wattie, William M., assignor.)
Crompton & Knowles Loom Works. (See Whitmore, Charles M., assignor.)
Crompton, Randolph, Worcester, Mass. Making traveler rings. 1,458,573; June 12.
Crompton, Randolph, and W. E. Woodman, Worcester, Mass.; said Woodman assignor to said Crompton. Filling-feeler mechanism. 1,467,232; Sept. 4.
Cromwell, John C., Cleveland, Ohio. Universal joint. 1,471,143; Oct. 16.
Cromwell, John C., Cleveland, Ohio. Wheel. 1,473,283; Nov. 6.
Crone, Ferdinand. (See Aab, William, assignor.)
Crone, Leonard S., New York, N. Y. Means employed in compilation. 1,476,876; Dec. 11.
Crone, Seth A., East Orange, N. J. Railway brake beam. 1,459,141; June 19.
Crone, Seth A., East Orange, N. J. Brake beam. 1,475,280; Nov. 27.
Crone, Seth A., East Orange, N. J. Locking key for brake shoes. 1,475,281; Nov. 27.
Crone, Seth A., East Orange, N. J. Locking key for brake shoes. 1,475,282; Nov. 27.
Crone, Seth A., East Orange, N. J. Railway brake beam. 1,475,283; Nov. 27.
Crone, Seth A., East Orange, N. J. Locking key for brake shoes. 1,475,284; Nov. 27.
Crone, Seth A., East Orange, N. J. Railway brake beam. 1,475,285; Nov. 27.
Crone, Seth A., East Orange, N. J. Railway-car brake. 1,475,286; Nov. 27.
Cronemeyer, Henry C., Beaver, Pa. Cooling and fragmenting apparatus and method. 1,459,947; June 26.
Croner, George P. (See Miller, E. E., and Croner.)

Cronholm, Frederick N., Andrade, Calif. Construction of dams. 1,474,581; Nov. 20.
Cronholm, Frederick N., Los Angeles, Calif. Construction of dams and building same. 1,474,582; Nov. 20.
Croning, Johannes, Hamburg, Germany. Mortise lock. 1,461,756; July 17.
Cronk, Edward D., Utica, N. Y. Single-lever control for shifting automobile speed mechanism. 1,449,269; Mar. 20.
Crook, Alfred, Philadelphia, Pa., assignor to Taylor-Wharton Iron and Steel Company, High Bridge, N. J. Means for controlling continuous rolling mills. 1,466,642; Aug. 28.
Crook, Charles M., Chicago, Ill. Timing apparatus. 1,460,707; July 3.
Crook, Harry P., jr., Baltimore, Md. Game. 1,443,119; Jan. 23.
Crook, Jere L., jr., Jackson, Tenn. Calf feeder. 1,460,890; July 3.
Crook, Jere L., jr., Jackson, Tenn. Ruler for loose-leaf books. 1,467,534; Sept. 11.
Crook, William A., Brewton, Ala. Shock absorber. 1,449,270; Mar. 20.
Crooke, Leonard, Hagerstown, Md. Manhole cover. 1,474,463; Nov. 20.
Crooks, Elmer H. (See Crooks, Oliver W. and E. H.)
Crooks, Eva M., Columbus, Ohio. Combination furniture. 1,454,467; May 8.
Crooks, Oliver W. and E. H., Big Creek, Calif. Dumping mine car. 1,456,054; May 22.
Crooks, Walter B., Benicia, Calif. Automobile mirror. 1,444,538; Feb. 6.
Crookshank, Samuel M. (See Dobson, J. E., and Crookshank.)
Croom, Thomas L., assignor of one-half to C. C. Henry, Los Angeles, Calif. Can opener. 1,473,780; Nov. 13.
Crooms, Louise J. P., Orlando, assignor of one-half to W. P. Bush, Jacksonville, Fla. Hairdresser's comb. 1,462,167; July 17.
Croquet, Marcel, Montigny-le-Tilleul, Belgium. Process and plant for sorting, washing, or classifying mixed materials of different specific gravities or volumes. 1,464,843; Aug. 14.
Crosby, Alfred D., Attleboro, Mass. Belt loop. 1,454,468; May 8.
Crosby, Edwin L. (See Marshick, O. J., and Crosby.)
Crosby, Fred B., assignor to Morgan Construction Company, Worcester, Mass. Handling hot-metal strip and apparatus therefor. 1,474,319; Nov. 13.
Crosby, Lendall C. (See Lee, William E., assignor.)
Crosby, Oliver, St. Paul, Minn. Clip hook. 1,453,706; May 1.
Crosby, Raymond A., Holyoke, Colo. Tire-deflation signal. 1,450,769; Apr. 3.
Crose, Lewis P., Carnegie, Okla. Hat carrier for automobiles. 1,473,338; Nov. 6.
Crosier, Arthur B. and F. B., Beloit, Wis. Washboiler. 1,466,206; Aug. 28.
Crosier, Frank B. (See Crosier, Arthur B. and F. B.)
Crosland, George A., et al. (See Jenner, Charles E., assignor.)
Croslen, William T., Springfield, Mo. Stove. 1,441,531; Jan. 9.
Crosley, Powel, jr. (See Kilgour, Charles E., assignor.)
Crosno, Charles R., Albuquerque, N. Mex. Pressure gauge. 1,459,014; June 19.
Croson, Clyde R., and J. W. Kindelberger, Wheeling, W. Va. Dust cap for tire valves. 1,455,080; May 15.
Cross, Charles F., and E. J. Bevan, deceased; E. M. Blake, executrix, assignors to I. P. M. Syndicate Limited, Westminster, London, England. Treatment of fibrous cellulose for the production of hydrated derivatives. 1,459,616; June 19.
Cross, Clifford J., New York, N. Y. Stopper. 1,464,646; Aug. 14.
Cross, Emma F., Coronado, Calif. Envelope. 1,476,495; Dec. 4.
Cross, Homer V., Kenton, Tenn., assignor of one-half to C. W. Worden, Buffalo, N. Y. Insect exterminator. 1,478,424; Dec. 25.
Cross, James W., Surbiton, England. Fluid-pressure-braking apparatus. 1,450,432; Apr. 3.
Cross, John G., et al. (See Cochran, William R., assignor.)
Cross, Raymond E., New Brunswick, N. J. Swinging article of furniture. 1,477,110; Dec. 11.
Cross, Robert J. (See Kohman, H. A., Irvin, and Cross.)
Cross, Roy, Kansas City, Mo. Ink and making same. 1,144,664; Jan. 9.
Cross, Samuel C., Washington, D. C. Apparatus for storing eggs. 1,469,897; Oct. 9.
Cross, Walter M., Kansas City, Mo., assignor to M. B. Caps, Wilmette, Ill. Method of and apparatus for the purification of water. 1,457,503; June 5.
Cross, William B. (See Panario, E. F., and Cross.)
Crossing, William B., Winnipeg, Manitoba, Canada. Tie-laying machine. 1,443,351; Jan. 30.
Crosskill, Millicent W. H., New York, N. Y. Flour-sifting utensil. 1,476,693; Dec. 11.
Crossley, Alfred, Washington, D. C. Antenna selector switch. 1,458,466; June 12.
Crossley, Alfred, Washington, D. C. Grounding box for electrical piloting cables. 1,459,047; June 19.
Crossley, Joseph, Trenton, N. J. Driving mechanism. 1,445,006; Feb. 13.
Crossley, Percy B., Calcutta, India. Vitreous product and the manufacture thereof. Re15,727; Dec. 4.
Crossman, Martin R., Boston, Mass. Arch support. 1,459,015; June 19.
Crosthwait, David N., jr. (See Crosthwait, David N., sr., assignor.)
Crosthwait, David N., sr., Kansas City, Mo., assignor to D. N. Crosthwait, jr., Marshalltown, Iowa. Forming radiators. 1,473,670; Nov. 13.
Crotto, Frank E., assignor to J. A. Gerrity, Dallas, Tex. Meter-box cover and lock. 1,448,202; Mar. 13.
Crotty, Thomas A., Danbury, Conn. Vehicle signal. 1,453,380; May 1.
Crouch, John, L. D. Hopfield, and C. M. Romanowitz, Natoma, Calif. Dredge-bucket pin. 1,442,324; Jan. 16.
Crouse, Emory, assignor to The Clear Vision Pump Company, Wichita, Kans. Liquid-dispensing apparatus. 1,466,273; Aug. 28.
Crouse, Harry C., Ingram, assignor to The Superior Manufacturing Company, Pittsburgh, Pa. Gas grate. Des. 61,892; Feb. 6.
Crouse, Harry C., Ingram, assignor to The Superior Manufacturing Company, Pittsburgh, Pa. Gas heater. Des. 61,893; Feb. 6.
Crouse, Harry C., Ingram, assignor to The Superior Manufacturing Company, Pittsburgh, Pa. Gas stove. Des. 61,894; Feb. 6.
Crouse-Hinds Company. (See Bissell, Carl H., assignor.)
Crouse-Hinds Company. (See Bissell, C. H., and Jones, assignors.)
Crouse-Hinds Company. (See Olley, Edwin A., assignor.)
Crouse, John L., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Spring quill-arm-supporting device. 1,469,211; Oct. 2.
Crow, Howard E. (See Barron, A. J., and Crow.)
Crow, Shelton A., Glomawr, Ky. Safety brake for cars, etc. 1,462,741; July 24.
Crowden, John C. T., deceased, Bandikui, Rajputana, India, by M. Crowden and A. F. Barnard, Dunstable, England, executors. Lock. 1,443,563; Jan. 30.
Crowden, Mary, et al., executors. (See Crowden, John C. T.)
Crowder, Havy Q. R., Chicago, Ill. Drawing sheet and making same. 1,469,554; Oct. 2.
Crowder, Joseph W., Seminary Hill, Tex. Lawn trimmer. 1,472,587; Oct. 30.
Crowder, Riley M., assignor of one-half to C. L. Wood, Holland, Ky. Harrow. 1,462,324; July 17.
Crowe, John M., Covington, Ky., assignor of one-half to L. K. De Bus, Cincinnati, Ohio. Valve for pneumatic tools. 1,446,547; Feb. 27.
Crowe, Orin T., Hayward, Calif. Furring and fastening device. 1,455,243; May 15.
Crowell, C. C., et al. (See Chaffin, William, assignors.)
Crowell, Charles H., Brooklyn, N. Y. Tape moistening and severing machine. 1,467,421; Sept. 11.
Crowell, Erd V., Tulsa, Okla. Tubing stabilizer. 1,447,965; Mar. 13.
Crowell, Erd V., Tulsa, Okla. Oil or gas well. 1,472,555; Oct. 30.
Crowell, Frank S., Toledo, Ohio. Bracket for lighting fixture. Des. 63,615; Dec. 25.
Crowell, Frank S., Toledo, Ohio. Lantern for lighting fixture. Des. 63,616; Dec. 25.
Crowell, Frank S., Toledo, Ohio. Lantern for lighting fixture. Des. 63,617; Dec. 25.
Crowell, Frank S., Toledo, Ohio. Lantern for lighting fixture. Des. 63,618; Dec. 25.
Crowell, Frank S., Toledo, Ohio. Bracket for lighting fixture. Des. 63,619; Dec. 25.
Crowell, Frank S., Toledo, Ohio. Bracket for lighting fixture. Des. 63,620; Dec. 25.
Crowell, Frank S., Toledo, Ohio. Bracket for lighting fixture. Des. 63,621; Dec. 25.
Crowell, Frank S., Toledo, Ohio. Bracket for lighting fixture. Des. 63,622; Dec. 25.
Crowell, Frank S., Toledo, Ohio. Chandelier for lighting fixture. Des. 63,623; Dec. 25.
Crowell, Frank S., Toledo, Ohio. Chandelier for lighting fixture. Des. 63,624; Dec. 25.
Crowell, Frank S., Toledo, Ohio. Chandelier for lighting fixture. Des. 63,625; Dec. 25.
Crowell, Frank S., Toledo, Ohio. Chandelier for lighting fixture. Des. 63,626; Dec. 25.
Crowell, Frank S., Toledo, Ohio. Chandelier for lighting fixture. Des. 63,627; Dec. 25.
Crowell, Frank S., Toledo, Ohio. Chandelier for lighting fixture. Des. 63,628; Dec. 25.
Crowell, Frank S., Toledo, Ohio. Ceiling fixture for lighting fixture. Des. 63,629; Dec. 25.
Crowell, Frank S., Toledo, Ohio. Ceiling fixture for lighting fixture. Des. 63,630; Dec. 25.
Crowell, Frank S., Toledo, Ohio. Chandelier for lighting fixture. Des. 63,631; Dec. 25.
Crowell, Frank S., Toledo, Ohio. Bracket for lighting fixture. Des. 63,632; Dec. 25.
Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Electric ceiling fixture. Des. 61,750; Jan. 2.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Electric ceiling fixture. Des. 61,751; Jan. 2.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Plate for lighting fixtures. Des. 61,752; Jan. 2.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Base for lighting fixtures. Des. 61,841; Jan. 30.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Base for lighting fixtures. Des. 61,842; Jan. 30.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Base for lighting fixtures. Des. 61,843; Jan. 30.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Base for lighting fixtures. Des. 61,844; Jan. 30.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Base for lighting fixtures. Des. 61,845; Jan. 30.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Base for lighting fixtures. Des. 61,846; Jan. 30.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Base for lighting fixtures. Des. 61,847; Jan. 30.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Plate for lighting fixtures. Des. 61,848; Jan. 30.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Plate for lighting fixtures. Des. 61,849; Jan. 30.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Bracket back for lighting fixtures. Des. 61,850; Jan. 30.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Plate for lighting fixtures. Des. 61,851; Jan. 30.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Base for lighting fixtures. Des. 61,852; Jan. 30.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Base for lighting fixtures. Des. 61,853; Jan. 30.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Plate for lighting fixtures. Des. 61,854; Jan. 30.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Pendant for lighting fixtures. Des. 61,895; Feb. 6.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Brace for lighting fixtures. Des. 61,896; Feb. 6.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Arm for lighting fixtures. Des. 61,897; Feb. 6.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Leg for lighting fixtures. Des. 61,898; Feb. 6.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Supporting arm for lighting fixtures. Des. 61,899; Feb. 6.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Leg for lighting fixtures. Des. 61,900; Feb. 6.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Supporting arm for lighting fixtures. Des. 61,901; Feb. 6.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Supporting arm for lighting fixtures. Des. 61,902; Feb. 6.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Lighting fixture. Des. 61,903; Feb. 6.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Lighting fixture. Des. 61,904; Feb. 6.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Ornament for lighting fixtures. Des. 61,905; Feb. 6.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Electric chandelier. Des. 61,960; Feb. 20.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Electric chandelier. Des. 61,961; Feb. 20.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Electric chandelier. Des. 61,962; Feb. 20.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Electric chandelier. Des. 61,963; Feb. 20.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Electric chandelier. Des. 61,964; Feb. 20.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Electric hall lantern. Des. 61,965; Feb. 20.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Brace for lighting fixture. Des. 61,966; Feb. 20.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Brace for lighting fixture. Des. 61,967; Feb. 20.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Arm for lighting fixture. Des. 61,968; Feb. 20.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Arm for lighting fixture. Des. 61,969; Feb. 20.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Brace for lighting fixture. Des. 61,970; Feb. 20.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Arm for lighting fixture. Des. 61,971; Feb. 20.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Bracket back for lighting fixture. Des. 61,972; Feb. 20.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Bracket for lighting fixture. Des. 61,973; Feb. 20.

Crowell, Frank S., Toledo, Ohio, assignor to The Edward N. Riddle Co. Electric chandelier. Des. 62,137; Mar. 27.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Arm for lighting fixtures. Des. 62,184; Apr. 3.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Brace for lighting fixture. Des. 62,319; May 8.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Bracket for lighting fixtures. Des. 62,692; July 24.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Bracket lantern for lighting fixtures. Des. 62,693; July 24.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Ceiling lantern for lighting fixtures. Des. 62,694; July 24.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Arm for lighting fixtures. Des. 62,695; July 24.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Plate for lighting fixtures. Des. 62,696; July 24.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Plate for lighting fixtures. Des. 62,697; July 24.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Top for shade for lighting fixtures. Des. 62,698; July 24.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Top for shade for lighting fixtures. Des. 62,699; July 24.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Bracket plate for lighting fixtures. Des. 62,700; July 24.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Chandelier for lighting fixtures. Des. 62,701; July 24.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Chandelier for lighting fixtures. Des. 62,702; July 24.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Plate for lighting fixtures. Des. 62,703; July 24.

Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Husk for lighting fixtures. Des. 62,704; July 24.

Crowell, Frank S., assignor to Edward N. Riddle Co., Toledo, Ohio. Bracket for lighting fixtures. Des. 63,049; Sept. 25.

Crowell, Harold B., et al. (See Chaffin, William, assignor.)

Crowell, Henry W., Glen Ridge, N. J. Machine for shucking vegetable ivory nuts. 1,460,747; July 3.

Crowl, Martin L., Pueblo, Colo. Sand bucket. 1,474,707; Nov. 20.

Crowell, William de F., St. Louis, Mo. Clear-vision windshield. 1,459,392; June 19.

Crowley, Benjamin C., Dillon, Mont. Wind deflector. 1,465,894; Aug. 21.

Crowley, Hamp, Valdosta, Ga. Shock absorber. 1,474,578; Nov. 20.

Crowley, James B. (See Richardson, Ulysses M., assignor.)

Crowley, John W., jr., Chicago, Ill. Clutch. 1,450,202; Apr. 3.

Crowley, Joseph P., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Making sheet glass. 1,469,382; Oct. 2.

Crowley, Joseph P., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Method of and apparatus for producing continuous sheet glass. 1,469,383; Oct. 2.

Crowley, Joseph P., and C. A. Rowley, assignors to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Apparatus for bending continuous sheet glass. 1,447,647; Mar. 6.

Crowley, Michael M., Sioux City, Iowa. Locomotive superheater. 1,476,150; Dec. 4.

Crown Cork and Seal Company of Baltimore City, The. (See Belden, Clements G., assignor.)

Crown Cork and Seal Company of Baltimore City, The. (See Bohnhardt, Charles F. H., assignor.)

Crown Cork and Seal Company of Baltimore City, The. (See Derby, William V., assignor.)

Crown Cork and Seal Company of Baltimore City, The. (See Engler, William B., assignor.)

Crown Cork and Seal Company of Baltimore City, The. (See Goebel, George, assignor.)
Crown Cork and Seal Company of Baltimore City, The. (See Huntley, George J., assignor.)
Crown Cork and Seal Company of Baltimore City, The. (See Kryzanowsky, Constant J., assignor.)
Crownfield, David, Cambridge, Mass. Lighting fixture. 1,447,238; Mar. 6.
Crowther, John S., jr., Toledo, Ohio. Apparatus for detecting leaks in blast-furnace-cooling appliances. 1,474,071; Nov. 13.
Croyle, William I., Heilwood, Pa. Trap. 1,463,874; Aug. 7.
Croyle, William I., Heilwood, Pa. Swatter. 1,463,875; Aug. 7.
Crozier, Alfred O., assignor to Crozier-Straub, Inc., New York, N. Y. Machine for making cementitious articles. 1,453,040; Apr. 24.
Crozier, Arthur R., El Paso, Tex. Coupling. 1,450,665; Apr. 3.
Crozier, Charles, Honolulu, Hawaii. Sling. 1,470,815; Oct. 16.
Crozier, Elmer L., Dayton, Ohio. Aeroplane. 1,471,327; Oct. 23.
Crozier, Harry C., Phoenix, Ariz. Loose-leaf binder. 1,475,054; Nov. 20.
Crozier, John A., Knoxville, Iowa. Window bracket. 1,454,155; May 8.
Crozier-Strab, Inc. (See Crozier, Alfred O., assignor.)
Crucet, Joseph M., New York, N. Y. Electric-lamp shade. Des. 62,231; Apr. 24.
Cruickshank, James H., Big Indian, N. Y. Stopping and landing mechanism for aeroplanes, dirigibles, balloons, and the like. 1,451,493; Apr. 10.
Crum, Benjamin F., Oakland, Calif. Resilient wheel. 1,455,189; May 15.
Crum, Marcellus, sr., assignor of one-half to D. T. Pool, Little Rock, Ark. Window-shade bracket. 1,448,260; Mar. 13.
Crumb, Lee R., New Berlin, N. Y. Automobile fan device. 1,467,233; Sept. 4.
Crumley, Leonidas F., Lafollette, Tenn. Nut-holding member. 1,440,377; Jan. 2.
Crumley, Le Roy A., assignor to I. J. Tombacher, New York, N. Y., and H. M. Feltenstein, Chicago, Ill., copartners, doing business as M. Eisenberg & Son. Lighting fixture. Des. 63,633; Dec. 25.
Crumley, Le Roy A., assignor to I. J. Tombacher, New York, N. Y., and H. M. Feltenstein, Chicago, Ill., copartners, doing business as M. Eisenberg & Son. Lighting-fixture frame. Des. 63,634; Dec. 25.
Crumley, Le Roy A., assignor to I. J. Tombacher, New York, N. Y., and H. M. Feltenstein, Chicago, Ill., copartners, doing business as M. Eisenberg & Son. Lighting-fixture panel. Des. 63,635; Dec. 26.
Crumley, Le Roy A., assignor to I. J. Tombacher, New York, N. Y., and H. M. Feltenstein, Chicago, Ill., copartners doing business as M. Eisenberg & Son. Bracket for lighting fixtures or similar articles. Des. 63,636; Dec. 25.
Crump, John L. (See Mattson, E. M., Popp, and Hougland, assignors.)
Crupain, Morris, New York, N. Y. Toilet-article package. 1,446,836; Feb. 27.
Crupain, Morris, Newark, N. J. Toilet-article package. 1,452,363; Apr. 17.
Crupain, Morris, Newark, N. J. Sanitary package. 1,452,456; Apr. 17.
Crupi, Frank J., assignor to Herman Behr & Co., Inc., Brooklyn, N. Y. Making abrasive articles of manufacture and product. 1,468,960; Sept. 25.
Cruse, Henry, Hyde, England. Vertical steam-generator furnace. 1,450,389; Apr. 3.
Cruse, James M., Waco, Tex. Jar-top-fastening device. 1,454,728; May 8.
Crutchfield, Blake. (See Shaffer, W. F., and Crutchfield.)
Cruver, Curtis L., Chicago, Ill. Powder receptacle. 1,467,234; Sept. 4.
Cruver Manufacturing Company. (See Keplinger, George B., assignor.)
Cruver Manufacturing Company. (See Madle, Frank, assignor.)
Cruyt, Lucien C., London, assignor to Heenan & Froude Limited, Worcester, England. Wet-filter screen. 1,450,951; Apr. 10.
Cruzan, Wayne M., Eureka, Kans. Fruit pitter. 1,451,254; Apr. 10.
Cruzen, Calvin L., and C. E. Gay, Lacey, Iowa. Stock waterer. 1,459,142; June 19.
Cryan, William H., assignor of one-half to G. F. Verhulst, one-sixth to R. J. Danis, one-sixth to W. F. Fox, and one-sixth to H. B. Findlay, Woonsocket, R. I. Muffler cut-out. 1,472,514; Oct. 30.
Crysdale George F., Toronto, Ontario, Canada. Bicycle stand and carrier. 1,451,651; Apr. 10.
Crystal Waxing Company, The. (See Moore, Charles S., assignor.)
Csemiczky, Louis. (See Swan, John B., assignor.)
Cubbage, Arthur B., Los Angeles, Calif., and H. Millman, New York, N. Y. Camera. 1,477,038; Dec. 11.
Cuccia, Frank A. N., Brooklyn, N. Y. Mechanism for cutting and translating macaroni and the like. 1,475,801; Nov. 27.
Cudlipp, George R., Los Angeles, Calif. Toy pistol. 1,473,419; Nov. 6.
Cudney, Elmer, Stege, Calif. Delay-action exploder. 1,455,165; May 15.
Culbertson, Moses, Kelfield, Saskatchewan, Canada. Seeder boot and shoe. 1,452,417; Apr. 17.
Cullander, Adolph. (See Wilson, W. D., and Cullander.)
Cullen, Catherine F., New York, N. Y. Game. 1,463,388; July 31.
Cullen, James K., assignor to Niles-Bement-Pond Company, New York, N. Y. Clamp and grip chuck. 1,469,360; Oct. 2.
Cullen, James V., Chicago, Ill. Vehicle lifting device. 1,476,596; Dec. 4.
Cullen, Joseph F., Midvale, Utah, assignor to United States Smelting, Refining and Mining Company. Soluble arsenic compound and making the same. 1,446,160; Feb. 20.
Cullen, Thomas F., Dayton, Ohio. Assembling tool. 1,464,129; Aug. 7.
Cullen, William J., and W. L. Rutkowski, St. Louis, Mo., assignors to American Can Company, New York, N. Y. Soldering machine. 1,457,504; June 5.
Culley, Alfred E., Burton-upon-Trent, England. Abrading machine. 1,450,251; Apr. 3.
Culligan, Joseph G., Los Angeles, Calif. Combination film-frame picture card. 1,468,558; Sept. 18.
Cullin, Jasper F., assignor to W. J. Hartwig, Detroit, Mich. Machine for securing armature windings. 1,443,526; Jan. 30.
Cullinan, John J., Bradford, Pa. Pump packing. 1,451,814; Apr. 17.
Cullings, Roswell E. (See Boddie, C. A., and Cullings.)
Cullison, Harvey L., Baltimore, Md. Air brake. 1,458,033; June 5.
Culliton, John H., Waseca, Minn. Hay rake and loader. 1,467,893; Sept. 11.
Culman, Carl, Huntington Park, Calif. Pivot polisher. 1,448,794; Mar. 20.
Culotta, Edward, Richmond Hill, N. Y. Spot trimming for dresses. 1,462,594; July 24.
Culotta, Edward, Richmond Hill, N. Y. Spot trimming for dresses. 1,462,595; July 24.
Culp, Everett C. (See Hainline, E. E., and Culp.)
Culp, Franklin M. (See Hudson, G. R., and Culp.)
Culpepper, George B., Fort Valley, Ga. Cooking vessel. 1,467,710; Sept. 11.
Culpepper, Toy O., Toccoa, Ga. Machine for forming track terminals. 1,454,811; May 8.
Culver, Arthur C., Pasadena, Calif. Direct-drive differential. 1,477,039; Dec. 11.
Culver, Ben F., and W. H. Doyle, Platteville, Wis.; said Culver assignor to said Doyle. Barrel-holding device. 1,453,547; May 1.
Culver, Charles A., Beloit, Wis. Acoustic receiving apparatus. 1,474,242; Nov. 13.
Culver, Edward, London, England. Lamp. 1,448,434; Mar. 13.
Culver, Frank L., and G. W. Horjes, Los Angeles, Calif.; said Horjes assignor to said Culver. Spring wheel. 1,459,363; June 19.
Culver, Levin W. (See Bryan, Joseph T., assignor.)
Culver, Lewis O., West Pittston, Pa. Bottle closure. 1,442,652; Jan. 16.
Cumfer, Donald A., Detroit, Mich. Shingle strip and making it. 1,455,713; May 15.
Cumfer, Harry, Chicago, Ill., and O. D. McFarland, Mishawaka, Ind., assignors of one-fourth to C. F. Hofmann and one-fourth to G. P. Heppes, Chicago, Ill. Roofing machine. 1,448,203; Mar. 13.
Cumfer, Harry A., Chicago, Ill., assignor to Guyton & Cumfer Mfg. Co. Looper. 1,459,048; June 19.
Cumfer, Harry A., Chicago, Ill., assignor to Guyton & Cumfer Mfg. Co. Sheet-slotting structure. 1,464,309; Aug. 7.
Cumfer, Harry A., assignor to Guyton & Cumfer Mfg. Co., Chicago, Ill. Automatic sheet winding and measuring machine. 1,467,841; Sept. 11.
Cumfer, Harry A., Chicago, Ill., assignor, by mesne assignments, of one-half to The Flintkote Company, Boston, Mass. Apparatus for making roofing products. 1,469,555; Oct. 2.
Cumfer, Harry A., Chicago, Ill., assignor of one-half to A. D. Stewart, Hutchinson, Kans. Plaster-receiving board. 1,474,145; Nov. 13.
Cumings, Harold H. (See Freshwater, E., and Cumings.)
Cummer, Frederick H., Great Neck, N. Y. Portable drier. 1,473,697; Nov. 13.
Cummer, Harry, Buffalo, N. Y. Weighing scale. 1,451,684; Apr. 17.
Cummings, Alfred H. (See Fish, G. C., and Cummings.)
Cummings, Bernard F. (See Taylor, A. J., jr., and Harper, assignors.)
Cummings, Charles, Chicago, Ill. Steel. 1,449,657; Mar. 27.
Cummings, Charles H. (See Cummings, George A., assignor.)
Cummings, Dickinson S. (See Pierce, John, jr., assignor.)
Cummings, Edmund O. (See Norris, J. F., and Cummings.)
Cummings, Edward N., Amesbury, Mass. Throttle-operating device. 1,468,378; Sept. 18.

Cummings, George A., assignor of one-half to C. H. Cummings, Spokane, Wash. Direction indicator. 1,470,617; Oct. 16.
Cummings, George C., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electromagnetic device. 1,464,088; Aug. 7.
Cummings, James, Wilsonburg, W. V. Detachable car stop for side tracks. 1,444,169; Feb. 6.
Cummings, John D., Southington, Conn. Sound box. 1,475,754; Nov. 27.
Cummings, John L. (See Adams, W. J., and Cummings.)
Cummings, John M. (See Hill, John E., assignor.)
Cummings, Joseph A., jr., assignor to Cee Dee Mfg. Co., New York, N. Y. Packing material. 1,458,574; June 12.
Cummings Machine Works. (See English, Analdo M., assignor.)
Cummings, Ralph P., South Portland, Me. Stropping machine. 1,476,151; Dec. 4.
Cummings, William E. (See Dickerman, C. L., and Cummings.)
Cummings, William L., Lansdowne, Pa. Radium needle. 1,442,051; Jan. 16.
Cummins, Earl H., Chicago, assignor to Dadant & Sons, Hamilton, Ill. Extraction apparatus. 1,463,154; July 31.
Cummins, Herbert L., Owensmouth, Calif. Pitter. 1,455,323; May 15.
Cummins, Martin J. (See Lynch, Joseph A., assignor.)
Cummins, Norman W., Bridgeport, Conn., assignor to The Bassick Manufacturing Company, Chicago, Ill. Coupling. 1,456,179; May 22.
Cummins, Norman W., Bridgeport, Conn., assignor to The Bassick Manufacturing Company, Chicago, Ill. Lubricant compressor. 1,456,973; May 29.
Cummins, Norman W., assignor to The Bassick Company, Bridgeport, Conn. Lubricating device. 1,465,253; Aug. 21.
Cummins, Norman W., Bridgeport, Conn., assignor to The Bassick Manufacturing Company, Chicago, Ill. Lubricant compressor. 1,478,848; Dec. 25.
Cummins Perforator Company. (See Murray, Charles C., assignor.)
Cummins Perforator Company. (See Swanson, Hjalmar, assignor.)
Cumner, Matthew S., New York, N. Y., and F. W. Geissenhainer, Freehold, N. J., assignors to Nestor Manufacturing Company, Inc., New York, N. Y. Wheel-trimming device. 1,468,357; Sept. 18.
Cumpston, Frederick B., Blooming, Tex. Gin rib. 1,460,228; June 26.
Cundy, Jack A., London, England. Ring for curtains and the like. 1,451,326; Apr. 10.
Cunneen, Peter, New Rochelle, N. Y. Dish rack. 1,452,418; Apr. 17.
Cunneen, Peter, New Rochelle, N. Y. Tumbler washer. 1,460,094; June 26.
Cunning, George A., Chicago, Ill. Gasket protector. 1,454,427; May 8.
Cunningham, Austin, L. (See Olop, Stephen, assignor.)
Cunningham, Charles S., and H. A. Burdwood, Lynn, Mass. Coupling. 1,458,395; June 12.
Cunningham, Cornelius F., Canton, Mass. Cap for tire-valve tube. 1,469,250; Oct. 2.
Cunningham, E. T. (See Danielson, Ernest G., assignor.)
Cunningham, George F., Alexandria, La. Fishing tool. 1,453,493; May 1.
Cunningham, Harry D., Brighton, England. Preparing aluminum or its alloys for electroplating. 1,457,149; May 29.
Cunningham, Ira, and R. W. Way, Covington, Okla. Explosion engine. 1,472,634; Oct. 30.
Cunningham, James, Son & Company. (See Franquist, Gustave E., assignor.)
Cunningham, James B. (See Szita, George, assignor.)
Cunningham, John D., Houston, Tex. Vehicle tire. 1,451,327; Apr. 10.
Cunningham, John L., and M. D. Whalen, Cresco, Iowa; said Whalen assignor to said Cunningham. Valve-cage puller. 1,465,349; Aug. 21.
Cunningham, John P., Milwaukee, Wis. Clothesline holder. 1,468,699; Sept. 25.
Cunningham, Orval J., Kansas City, Mo. Therapeutic apparatus. 1,471,144; Oct. 16.
Cunningham, Ralph C., Tacoma, Wash. Game-piece support. 1,460,791; July 3.
Cunningham, Thomas, assignor to E. J. Love, Philadelphia, Pa. Soldering tool. 1,446,964; Feb. 27.
Cunningham, William H., Rockford, Ill. Plaster-bandage-rolling machine. 1,442,129; Jan. 16.
Cunningham, William S., Shreveport, La. Transmission. 1,467,923; Sept. 11.
Cuno, Charles H., assignor to The Cuno Engineering Corporation, Meriden, Conn. Cigar lighter. 1,460,095; June 26.
Cuno Engineering Corporation, The. (See Cuno, Charles H., assignor.)
Cupp, Frank L., Chicago, Ill. Fan. 1,456,765; May 29.
Cupples, Frank L., Natick, Mass. Bag holder. 1,445,269; Feb. 13.
Curbelo, Francisco S., Cienfuegos, Cuba. Machine for cutting and stripping cane. 1,468,195; Sept. 18.
Cureton, Edward H. (See Huntington, H. H., and Cureton.)
Cureton, Thomas. (See Gage, Joseph J., assignor.)
Cureton, Thomas. (See Smith, H. F., and Cureton.)
Curle, George L., Minneapolis, Minn. Main and auxiliary melting pot for linotype machines. 1,473,083; Nov. 6.
Curlee, George A., Childress, Tex. Dumping apparatus. 1,455,602; May 15.
Curley, Robert S. (See Whittier, J. K., and Curley.)
Curme, George O., jr. (See Haynes, P. E., and Curme.)
Curme, George O., jr., and C. O. Young, Pittsburgh, Pa., assignors to Union Carbide Company. Making glycols. 1,442,386; Jan. 16.
Curme, George O., jr., Clendenin, W. Va., and C. O. Young, Elmhurst, N. Y., assignors to Carbide and Carbon Chemicals Corporation. Making chlorhydrins. 1,456,916; May 29.
Curme, George O., jr., and H. B. Heyn, Pittsburgh, Pa., assignors, by mesne assignments, to Union Carbide Company, New York, N. Y. Preparation of benzoates and benzoic acid from dibenzyl. 1,463,255; July 31.
Curme, George O., jr., and H. E. Thompson, Clendenin, W. Va., assignors to Carbide & Carbon Chemicals Corp. Purifying chlorine and other corrosive gases. 1,472,294; Oct. 30.
Curnan, Frank W., Derby, Conn. Envelope fastener. 1,445,298; Feb. 13.
Curnan, Frank W., Derby, Conn. Envelope fastener. 1,464,240; Aug. 7.
Curran, Edward T., Detroit, Mich. Priming device. 1,450,490; Apr. 3.
Curran, Edward T., Detroit, Mich. Radiator for airplane engines. 1,452,958; Apr. 24.
Curran, Edward T., Detroit, Mich. Liquid-cooling radiator. 1,454,107; May 8.
Curran, Edward T., Detroit, Mich. Liquid-cooling radiator for motor vehicles. 1,457,768; June 5.
Curran, Edward T., Detroit, Mich. Radiator. 1,458,128; June 12.
Curran, Edward T., Detroit, Mich. Water-circulating system. 1,458,129; June 12.
Curran, Edward T., Detroit, Mich. Radiator cap. 1,465,544; Aug. 21.
Curran, Edward T., Detroit, Mich. Spark plug. 1,467,137; Sept. 4.
Curran, Edward T., Detroit, Mich. Auto radiator-thermometer mounting. 1,467,138; Sept. 4.
Curran, Edward T., Detroit, Mich. Spark plug. 1,467,139; Sept. 4.
Curran, Edward T., Detroit, Mich. Spark plug. 1,468,858; Sept. 25.
Curran, Edward T., Detroit, Mich. Mounting of illuminators or headlights for automobiles. 1,474,815; Nov. 20.
Curran, Frank J. M., Greenville, Mich. Metal-covered refrigerator. 1,445,299; Feb. 13.
Curran, George, Plymouth, Pa. Automobile light and license holder. 1,475,108; Nov. 20.
Curran, John J., Long Island City, assignor of one-half to F. W. Barker, Great Kills, N. Y. Airplane. 1,443,812; Jan. 30.
Curran, M. Donovan, Toledo, Ohio. Testing coke. 1,459,143; June 19.
Curran, Thomas, Streator, Ill. Water-controlling device. 1,457,505; June 5.
Curren, Arthur J., Elyria, Ohio. Automatic telephone-dial support. 1,469,779; Oct. 9.
Currey, Charles F., and K. E. Lyman, Topeka, Kans. Gas and liquid fuel burner and in the process of burning gas and liquid fuel. 1,465,511; Aug. 21.
Currie, James G., Philadelphia, Pa. Lace. Des. 62,441; June 5.
Currie, James G., Philadelphia, Pa. Lace. Des. 62,442; June 5.
Currier, Andrew E., Millis, assignor to Baker Rubber Cement Co., Boston, Mass. Method and machine for making prepared roofing. 1,456,224; May 22.
Currier, Andrew E., Millis, assignor to M. Brown, Boston, Mass. Paper-reenforcing machine and method thereof. 1,460,949; July 3.
Currier, Burleigh, and J. B. Seaman, assignors to Pennsylvania Appliance Company, Philadelphia, Pa. Protecting device for polyphase circuits. 1,441,267; Jan. 9.
Currier, Frederick W., Minneapolis, Minn. Plate-glass setting. 1,458,396; June 12.
Currier, Frederick W., Minneapolis, Minn. Plate-glass setting. 1,458,397; June 12.
Currier, Frederick W., Minneapolis, Minn. Glass setting. 1,458,398; June 12.
Currier, Hiram D., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system. 1,442,130; Jan. 16.
Curry, Jasper C., Pineville, La. Garbage and sewage incinerating apparatus. 1,463,761; July 31.
Curry, Malcolm, Scarsdale, N. Y., and A. Cook, Holyoke, Mass.; said Curry assignor to said Cook. Band-tying gauge. 1,451,685; Apr. 17.
Curtain Supply Company, The. (See Whitmore, Edward E., assignor.)
Curti, Ernesto, Milan, Italy. Pneumatic hammer. 1,464,809; Aug. 14.
Curtin, Andrew F., Medford, Mass. Outlet-valve-operating mechanism for flushing tanks. 1,454,428; May 8.

Alphabetical list of patentees—Continued.

Curtin, David F., Chicago, Ill. Pocket pencil holder. 1,470,816; Oct. 16.
Curtin, David F., assignor, by mesne assignments, to The Vortex Mfg. Co., Chicago, Ill. Sundae dish and holder and assembling the same. Re. 15,514; Jan. 2.
Curtis, Arthur F., Los Angeles, Calif. Set-up block for sticker heads. 1,446,883; Feb. 27.
Curtis, Augustus D., Chicago, Ill. Lighting fixture. 1,472,050; Oct. 30.
Curtis, Austen M., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical-wave filter. 1,465,757; Aug. 21.
Curtis, Austen M., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical-wave filter. 1,465,758; Aug. 21.
Curtis, Charles F., London, England. Cementitious compositions suitable for flooring, paving, and so forth. 1,460,643; July 3.
Curtis Coaster Toy Co. (See Griffin, Sidney S., assignor.)
Curtis, Earl W., Fort Madison, Iowa. Crosscut sawing machine. 1,450,357; Apr. 3.
Curtis, Ernest W., Selby, Calif. Copyholder. 1,447,124; Feb. 27.
Curtis, Francis J., Sharon, Pa. Tire-cutting implement. 1,471,686; Oct. 23.
Curtis, Harry F., Overbrook, Pa. Cable-gripping device. 1,442,862; Jan. 23.
Curtis & Hill Gravel and Sand Company. (See Hill, Francis J., sr., assignor.)
Curtis, Homer O., South Sandisfield, Mass. Antivacuum relief valve for heating systems. 1,454,729; May 8.
Curtis, Horace K., et al. (See Welch, Thomas H., assignor.)
Curtis, Lewis E., assignor to The Youngstown Pressed Steel Company, Warren, Ohio. Corner bead. 1,454,042; May 8.
Curtis, Sidney S. (See Toffelmeyer, Charles H., assignor.)
Curtis, Thomas J., Los Angeles, Calif. Means for operating dampers. 1,470,425; Oct. 9.
Curtis, Van V., Follansbee, W. Va. Can opener. 1,473,600. Nov. 6.
Curtis, Van V., McAllen, Tex. Automobile jack. 1,476,877; Dec. 11.
Curtis, William E., Wyandotte, Mich. Tire. 1,451,977; Apr. 17.
Curtis, William R., Tracy City, Tenn. Lever link. 1,446,884; Feb. 27.
Curtiss Aeroplane and Motor Corp. (See Gilmore, William L., assignor.)
Curtiss Aeroplane and Motor Corporation. (See Christen, John A., assignor.)
Curtiss Aeroplane and Motor Corporation. (See Curtiss, Glenn H., assignor.)
Curtiss Aeroplane and Motor Corporation. (See Kirkham, Charles B., assignor.)
Curtiss Aeroplane and Motor Corporation. (See Tarbox, John P., assignor.)
Curtiss, George E., New Britain, Conn., assignor to Landers, Frary & Clark. Urn. Des. 62,271; May 1.
Curtiss, George E., assignor to Landers, Frary & Clark, New Britain, Conn. Jug. Des. 63,396; Dec. 4.
Curtiss, George E., assignor to Landers, Frary and Clark, New Britain, Conn. Coffeepot. Des. 63,637; Dec. 25.
Curtiss, Glenn H., assignor, by mesne assignments, to Curtiss Aeroplane and Motor Corporation, Buffalo, N. Y. Triplane flying boat. 1,465,973; Aug. 28.
Curtiss, J. Guernsey, assignor to Flower City Novelty Corporation, Rochester, N. Y. Automobile chair. 1,444,111; Feb. 6.
Curtiss, Oliver C., Philadelphia, Pa. Toy savings bank. 1,447,762; Mar. 6.
Curtiss, William C., Los Angeles, Calif. Protective cover for fruit trees. 1,446,416; Feb. 20.
Curwen, John S., Heversham, England. Advertising device or toy. 1,475,430; Nov. 27.
Curzon, John S., Storrs, Utah. Pick-handle protector. 1,466,931; Sept. 4.
Curzon, John S., Storrs, Utah. Horseshoe. 1,468,196; Sept. 18.
Cushing, Ralph A., Brockton, Mass. Portable power washing machine adaptable to set tubs. 1,459,016; June 19.
Cushing, William A., Newburgh Heights, Ohio, assignor to American Telephone and Telegraph Company. Single-transmission telegraph system. 1,475,987; Dec. 4.
Cushion Handle Bar Co., The. (See Rosen, Meyer, assignor.)
Cushman, Charles M. (See Cushman, Horace M. and C. M., Washburn, and Kimball.)
Cushman, Delbert W., Fremont, Ohio. Automobile rug. 1,464,061; Aug. 7.
Cushman, Everett B., Topeka, Kans., assignor, by mesne assignments, to O. D. Collis, Clinton, Iowa. Radiator. 1,454,315; May 8.
Cushman, Everett B., Lansing, Mich., assignor to Bean Spray Pump Co., San Jose, Calif. Diaphragm pump. 1,473,924; Nov. 13.
Cushman, Everett B., Topeka, Kans., assignor, by mesne assignments, to O. D. Collis, Clinton, Iowa. Auxiliary power carrier for vehicles. 1,475,223; Nov. 27.
Cushman, Everett B., San Jose, Calif., assignor, by mesne assignments, to O. D. Collis, Clinton, Iowa. Water cooler. 1,477,319; Dec. 11.
Cushman, Helen B. (See Bliss, George H., assignor.)
Cushman, Horace M., C. M. Cushman, W. A. Washburn, Millis, Mass., and H. E. Kimball, Providence, R. I., assignors to Cliquot Club Company, Millis, Mass. Bottle handling and testing apparatus. 1,446,161; Feb. 20.
Cushman, Joseph E., and N. C. Stanton, assignors to Atwood Machine Company, Stonington, Conn. Stop motion for spinning machinery. 1,470,351; Oct. 9.
Cushman, Trav, Anaheim, Calif. Rotary gas engine. 1,455,324; May 15.
Cusick, John J., New York, N. Y. Mail chute. 1,450,139; Mar. 27.
Cusick, Roy, Carnegie, Pa. Vending machine. 1,450,839; Apr. 3.
Cusimano, Philip, Los Angeles, Calif. Cutting device. 1,463,941; Aug. 7.
Custer, Eugene I., Jacksonville, Fla. Vehicle jack. 1,448,261; Mar. 13.
Custer, George E., assignor to Custer Manufacturing Company, Stoyestown, Pa. Pedal lock. 1,463,676; July 31.
Custer, John. (See Rotter, Theodore, assignor.)
Custer Manufacturing Company. (See Custer, George E., assignor.)
Cuthbert, Robert F., assignor to Theo. Tiedemann & Sons, Inc., New York, N. Y. Box for garments. 1,450,171; Apr. 3.
Cutler, Charles, Seattle, Wash. Lawn-mower extension handle. 1,441,144; Jan. 2.
Cutler, Clifford A., Buffalo, N. Y. Drying kiln. 1,462,194; July 17.
Cutler Electrical and Manufacturing Company. (See Ridgely, Holland P., assignor.)
Cutler-Hammer Mfg. Co. (See Barnum, Thomas E assignor.)
Cutler-Hammer Mfg. Co. (See Beck, Robert C., assignor.)
Cutler-Hammer Mfg. Co. (See Hunter, Richard B., assignor.)
Cutler-Hammer Mfg. Co. (See Seeger, Edwin W., assignor.)
Cutler-Hammer Mfg. Co., The. (See Barnum, Thomas E., assignor.)
Cutler-Hammer Mfg. Co., The. (See Coldwell, John S., assignor.)
Cutler-Hammer Mfg. Co., The. (See Deutsch, Edward L., assignor.)
Cutler-Hammer Mfg. Co., The. (See Fernow, Bernhard E., jr., assignor.)
Cutler-Hammer Mfg. Co., The. (See Horton, Albert J., assignor.)
Cutler-Hammer Mfg. Co., The. (See Layman, Frank E., assignor.)
Cutler-Hammer Mfg. Co., The. (See Lightfoot, Edwin N., assignor.)
Cutler-Hammer Mfg. Co., The. (See Maage, Alfred E., assignor.)
Cutler-Hammer Mfg. Co., The. (See Maujer, Robert I., assignor.)
Cutler-Hammer Mfg. Co., The. (See Meuer, George J., assignor.)
Cutler-Hammer Mfg. Co., The. (See Meyer, F. W., and Simon, assignors.)
Cutler-Hammer Mfg. Co. (See Meyer, Friedrich W., assignor.)
Cutler-Hammer Mfg. Co., The. (See Mortensen, Niels L., assignor.)
Cutler-Hammer Mfg. Co., The. (See Reed, Harrison P., assignor.)
Cutler-Hammer Mfg. Co., The. (See Re Qua, Frederick L., assignor.)
Cutler-Hammer Mfg. Co., The. (See Schmidt, Edwin X., assignor.)
Cutler-Hammer Mfg. Co., The. (See Seeger, Edwin W., assignor.)
Cutler-Hammer Mfg. Co., The. (See Stevens, William C., assignor.)
Cutler-Hammer Mfg. Co., The. (See Stone, David, assignor.)
Cutler-Hammer Mfg. Co., The. (See Taylor, Herman J., assignor.)
Cutler-Hammer M'f'g Co., The. (See Yerger, Charles W., assignor.)
Cutler-Hammer Mfg. Co., The. (See Wade, Henry N., assignor.)
Cutler, Samuel C., Brookline, Mass. Air-washing apparatus. 1,459,442; June 19.
Cutright, Ishmael G., and J. A. Sharps, Buckhannon, W. Va. Metal shade slat. 1,446,837; Feb. 27.
Cutsinger, T. H. (See Lawlor, James M., assignor.)
Cutten, Leverett H. (See Josephs, L. C., jr., and Cutten.)
Cutter, Edmund I. (See Daly, M. E., and Cutter.)
Cutter, Solomon M., assignor to Capewell Horse Nail Company, Hartford, Conn. Manufacture of horse nails. 1,443,527; Jan. 30.
Cutting, Francis R., Oakland, Calif. Arch supporter. 1,469,717; Oct. 2.
Cutting, George B., Worcester, Mass. Protector for rail ties. 1,450,280; Apr. 3.
Cyganiewicz, John, Chicago, Ill. Hand bag. Des. 62,981; Sept. 4.

Cygnet Mfg. Co., Inc. (See Rahling, Henry D., assignor.)
Cynamon, Charles, New York, N. Y. Automobile lock. 1,473,469; Nov. 6.
Czapkowsky, Wincanty, Hartford, Conn. Window fastener. 1,478,735; Dec. 25.
Czaran, Otto, Long Island City, N. Y. Apparatus for making belting. 1,451,686; Apr. 17.
Czarnecki, Boleslaw V., Schenectady, N. Y. Bracket. 1,459,364; June 19.
Czarnecki, Wladyslaw. (See Murphy, T. W., and Czarnecki.)
Czarniecki, Andrew J., assignor of one-half to F. Romanczuk, Plymouth, Pa. Motor-spring hair cutter. 1,466,613; Aug. 28.
Czeftczick, Max. (See Reed, C. E., and Czeftczick.)
Czegka, Victor H. (See Johnston, J. S., and Czegka.)
Czelusniak, Tony, and L. Chodubski, Oswego, N. Y. Razor-blade-sharpening machine. 1,459,653; June 19.
Czerny, Francis, assignor of five-twelfths to M. C. McKenney, San Bernardino, three-twelfths to A. McRae, and four-twelfths to A. A. McRae, Ocean Park, Calif. Amusement device. 1,441,404; Jan. 9.
Czyzykowski, Julian, Harrison, N. J. Inflatable swimming garment. 1,476,286; Dec. 4.

D. Co., Inc. (See Davidson, Arthur C., assignor.)
D. X. Instrument Company. (See Hipple, Solomon R., assignor.)
Daae, Reinhardt, Pittsburgh, Pa. Gas producer. 1,441,217; Jan. 9.
Daae, Reinhardt, Youngstown, Ohio. Gas producers. 1,445,300; Feb. 13.
Dabadie, John L., assignor to System Machine Works, Stockton, Calif. Water pump for motor vehicles. 1,472,243; Oct. 30.
Dabney, Conway, Crystal Springs, Miss. Emergency mud boot. 1,476,597; Dec. 4.
Dacey, James E., Du Bois, Pa. Sanitary cover for milk cans. 1,449,811; Mar. 27.
Dadant & Sons. (See Cummins, Earl H., assignor.)
Dade, Thomas G., St. Marys, Ohio. Wheel. 1,473,084; Nov. 6.
Dade, Thomas G., St. Marys, Ohio. Wheel. 1,473,085; Nov. 6.
D'Adrian, Alexander L. D., et al. (See Stenhouse, Thomas, assignor.)
Daggett, William F., Chicago, Ill. Pulley and similar construction. 1,455,479; May 15.
Dague, George W., Glenmora, La. Vehicle wheel. 1,440,819; Jan. 2.
Dague, George W., Oklahoma, Okla. Nonrefillable bottle. 1,446,162; Feb. 20.
Dague, George W., Oklahoma, Okla. Trolley-pole safety device. 1,454,706; May 8.
Dahl, Conrad, assignor to D. M. Carter, trustee, Chicago, Ill. Vehicle wheel. 1,451,867. Apr. 17.
Dahl, Conrad, assignor to D. M. Carter, trustee, Chicago, Ill. Occupant-steered vehicle. 1,451,868; Apr. 17.
Dahl, Conrad, assignor to D. M. Carter, trustee, Chicago, Ill. Occupant-propelled vehicle. 1,454,626; May 8.
Dahl, Thure E., New York, N. Y. Globe for lighting fixtures. Des. 61,798; Jan. 16.
Dahl, Thure E., New York, N. Y. Loop for lighting fixtures. Des. 61,799; Jan. 16.
Dahl, Thure E., New York, N. Y. Base for lighting fixtures. Des. 61,800; Jan. 16.
Dahl, Thure E., New York, N. Y. Chandelier. Des. 61,855; Jan. 30.
Dahl, Thure E., New York, N. Y. Chandelier. Des. 61,928; Feb. 13.
Dahl, Thure E., New York, N. Y. Wall bracket for lighting fixtures. Des. 62,138; Mar. 27.
Dahl, Thure E., New York, N. Y. Holder for lighting fixture. Des. 62,139; Mar. 27.
Dahl, Thure E., New York, N. Y. Candle cup for lighting fixtures. Des. 62,140; Mar. 27.
Dahl, Thure E., New York, N. Y. Candle cup for lighting fixtures. Des. 62,141; Mar. 27.
Dahl, Thure E., New York, N. Y. Base for lighting fixtures. Des. 62,142; Mar. 27.
Dahl, Thure E., New York, N. Y. Bracket back for lighting fixtures. Des. 62,143; Mar. 27.
Dahl, Thure E., New York, N. Y. Canopy for lighting fixture. Des. 62,144; Mar. 27.
Dahl, Thure E., New York, N. Y. Ceiling fixture for lighting fixtures. Des. 62,185; Apr. 3.
Dahl, Thure E., New York, N. Y. Ring for lighting fixtures. Des. 62,186; Apr. 3.
Dahl, Thure, New York, N. Y. Light receptacle for lighting fixtures. Des. 62,232; Apr. 24.
Dahl, Thure E., New York, N. Y. Lighting fixture. Des. 62,565; June 26.
Dahl, Thure E., New York, N. Y. Electric wall bracket. Des. 62,705; July 24.
Dahl, Thure E., New York, N. Y. Bracket back for lighting fixtures. Des. 62,706; July 24.
Dahl, Thure E., New York, N. Y. Body part for lighting fixtures. Des. 62,707; July 24.
Dahl, Thure E., New York, N. Y. Socket cover for lighting fixtures. Des. 62,708; July 24.
Dahl, Thure E., New York, N. Y. Band for lighting fixtures. Des. 62,709; July 24.
Dahl, Thure E., New York, N. Y. Base for lighting fixtures. Des. 62,886; Aug. 21.
Dahl, Thure E., New York, N. Y. Bracket lantern. Des. 62,887; Aug. 21.
Dahl, Thure E., New York, N. Y. Lantern. Des. 62,937; Aug. 28.
Dahl, Thure, New York, N. Y. Ring for lighting fixtures. Des. 63,219; Nov. 6.
Dahl, Thure E., New York, N. Y. Wall bracket for lighting fixtures. Des. 63,285; Nov. 20.
Dahl, Thure, New York, N. Y. Ring for lighting fixtures. Des. 63,455; Dec. 11.
Dahl, Thure E., New York, N. Y. Wall bracket for lighting fixtures. Des. 63,456; Dec. 11.
Dahl, Thure E., New York, N. Y. Pedestal for lighting fixtures. Des. 63,638; Dec. 25.
Dahl, Thure E., assignor to Lightolier Company, New York, N. Y. Body part for lighting fixtures. Des. 62,982; Sept. 4.
Dahl, Thure E., assignor to Lightolier Company, New York, N. Y. Side panel for lanterns. Des. 63,026; Sept. 18.
Dahlberg, C. F. (See Munroe, Treadway B., assignor.)
Dahlberg, C. F. (See Shaw, John K., assignor.)
Dahlen, William, Duluth, Minn. Grain door. 1,458,327; June 12.
Dahlene, Andrew, San Diego, Calif. Multiple oil-gas generator and distributor. 1,470,817; Oct. 16.
Dahler, Valentine, New York, N. Y. Swimming shoe. 1,447,928; Mar. 6.
Dahlgren, Charles J., East Orange, N. J. Buckle. 1,448,993; Mar. 20.
Dahlgren, Leonard, assignor to Fillkwik Company, Attleboro, Mass. Cigarette case. 1,456,055; May 22.
Dahlquist, John, Newport News, Va. Talking machine. 1,448,336; Mar. 13.
Dahlstrand, Hans P., Wauwatosa, assignor to Allis-Chalmers Company, Milwaukee, Wis. Governor. 1,464,749; Aug. 14.
Dahlstrand, Hans P., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Turbine. 1,476,801; Dec. 11.
Dahlstrom, John, Pittsburgh, Pa. Shock absorber. 1,471,474; Oct. 23.
Dahm, Kurt, Milwaukee, Wis. Valve-pin tool. 1,478,555; Dec. 25.
Dahmen, Carl H., Allentown, Pa. Ventilating flue. 1,474,072; Nov. 13.
Dahms, Hugo, Berlin, Germany. Means for attaching stockings, socks, or the like to suspenders. 1,472,327; Oct. 30.
Daiger, Charles V., Newton, Mass. Display fixture. 1,464,241; Aug. 7.
Daigle, Remie P., Van Buren, Me. Vehicle brake apparatus. 1,441,145; Jan. 2.
Dailey, Edward L., Evansville, Minn. Typewriter attachment. 1,473,470; Nov. 6.
Dailey, Florence C., et al. (See Adams, Frank A., assignor.)
Dailey, J. O., et al. (See Adams, Frank A., assignor.)
Dailey, Robert T., Omaha, Nebr. Dump wagon. 1,455,714; May 15.
Daily, William H., Los Angeles, Calif. Automatic multiple-record phonograph. 1,466,791; Sept. 4.
Daimler-Motoren-Gesellschaft. (See Daimler, Paul, assignor.)
Daimler-Motoren-Gesellschaft. (See Reinsch, Alfred, assignor.)
Daimler-Motoren-Gesellschaft. (See Schwerdtfeger, Walter, assignor.)
Daimler, Paul, Cannstatt, assignor to the Firm Daimler-Motoren-Gesellschaft, Unterturkheim, Germany. Compressor arrangement for the motors of automobile vehicles. 1,463,256; July 31.
Dain, Joseph, deceased; J. Dain, jr., administrator, assignor to Deere & Company, Moline, Ill. Clevis for tractors. 1,444,904; Feb. 13.
Dain, Joseph, deceased, by J. Dain, jr., administrator, Moline, Ill., assignor to The Dain Manufacturing Company of Iowa, Ottumwa, Iowa. Hay loader. 1,478,556; Dec. 25.
Dain, Joseph, jr., administrator. (See Dain, Joseph.)
Dain Manufacturing Company of Iowa, The. (See Dain, Joseph, assignor.)
Daines, Thomas, Penticton, British Columbia, Canada. Invisible baggage guard for motor cars. 1,461,972; July 17.
Dains, Frank J., Cedar Rapids, Iowa. Automobile bumper. 1,459,365; June 19.
Dair, John H., Keyport, N. J. Attachment for differential gears. 1,458,877; June 12.
Daisy Manufacturing Co. (See Lefever, Charles F., assignor.)
Dajka, Mike, Torrington, Conn. Compressed-air engine-control device. 1,459,575; June 19.
Dake, Charles W., assignor to The Pyle-National Co., Chicago, Ill. Valve for steam turbines. 1,441,485; Jan. 9.
Dake, Charles W., assignor to Pyle-National Company, Chicago, Ill. Electromagnetic governor for motor-generator sets. 1,442,131; Jan. 16.

Dake, Charles W., assignor to The Pyle-National Company, Chicago, Ill. Turbogenerator set. 1,446,787; Feb. 27.

Dake, Charles W., assignor to The Pyle-National Company, Chicago, Ill. Packing for steam turbines. 1,452,147; Apr. 17.

Dake, Charles W., assignor to The Pyle National Company, Chicago, Ill. Turbine. 1,455,022; May 15.

Dake, Charles W., assignor to The Pyle-National Company, Chicago, Ill. Governor for steam turbines. 1,457,212; May 29.

Dake, Charles W., assignor to The Pyle-National Company, Chicago, Ill. Electric generator. 1,476,394; Dec. 4.

Dake, Charles W., and R. D. Grant, Chicago, Ill., assignors to Pyle-National Company. Oiling device for steam turbines. 1,446,786; Feb. 27.

Dalberg, William, Deary, Idaho. Overshoe holder. 1,456,364; May 22.

Dalbey, James H., Elgin, Ill. Resilient filler for tires. 1,443,069; Jan. 23.

Dale, Arthur C., New Orleans, La. Boat. 1,455,833; May 22.

Dale, Hiner. (See Johnson, Alvis L., assignor.)

Dales, Edward L., Philadelphia, Pa. Electric-lighting fixture. 1,445,665; Feb. 20.

Dales, William R., Philadelphia, Pa. Infant's nursing device. 1,441,406; Jan. 9.

D'Alessandro, Dominick, and R. Pace, Quincy, Mass.; said Pace assignor to said D'Alessandro. Machine for making tiles. 1,453,381; May 1.

D'Alessandro, Dominick, and R. Pace, Quincy, Mass.; said Pace assignor to said D'Alessandro. Making tiles. 1,453,382; May 1.

Daley, John. (See Daley, William, J., and J.)

Daley, Joseph. (See Daley, William, J., and J.)

Daley, Preston B., Philadelphia, Pa. Closure fastener. 1,448,706; Mar. 13.

Daley, William, J., and J., Bolivar, Ohio. Railway crossing. 1,467,842; Sept. 11.

D'Alfonso, William R., Oakland, assignor to Universal Telescope Mute Company, San Francisco, Calif. Tone modifier for wind instruments. 1,467,422; Sept. 11.

D'Alfonso, William R., Oakland, assignor to Universal Telescope Mute Company, San Francisco, Calif. Telescopic mute. 1,468,066; Sept. 18.

Dalianis, George, New York, N. Y. Lock. 1,478,322; Dec. 18.

Dalitz, Harry, Cleveland, Ohio. Sink strainer. 1,452,494; Apr. 24

Dall, Benjamin L., River Forest, Ill. Cigarette case. 1,475,567; Nov. 27.

Dalla Bona, Giuseppe, Como, Italy. Automatic apparatus for signaling railway trains in motion. 1,457,728; June 5.

Dallam, Fred B., San Francisco, Calif. Means for preserving food. 1,447,615; Mar. 6.

Dallas Brass & Copper Co. (See Yokel, Frank, assignor.)

Dallas, Charles D., Winnetka, Ill. Winding arbor. 1,466,121; Aug. 28.

Dallas, Charles D., Winnetka, Ill. Scale platform. 1,474,464; Nov. 20.

Dallas, Granvil F., Knoxville, Tenn. Tire-handling device. 1,472,556; Oct. 30.

Dallen, Frank M., Chicago, Ill. Burner. 1,468,442; Sept. 18.

Dallenbach, Michael, Ridgway, Pa. Saw-tooth dresser, jointer, and gauge. 1,462,325; July 17.

Dallett, Thos. H., Co. (See Van Sickel, Wilber H., assignor.)

Dally, Emsley F., Webster City, Iowa. Binder for magazines and the like. 1,448,914; Mar. 20.

Dalman, John W. (See Chiles, George S., assignor.)

Dalrymple, Annie D., et al. (See Applegate, George H., assignor.)

Dalrymple, Philip W., Baltimore, Md., assignor to L. K. Davis, Washington, D. C. Endless-track vehicle. 1,441,405; Jan. 9.

Dalton Adding Machine Company, The. (See Grogel, A. F. W., and Tingley, assignors.)

Dalton Adding Machine Company, The. (See Landsiedel, Harry, assignor.)

Dalton, Daniel J., and W. A. Biondi, Cincinnati, Ohio. Safety-razor-blade holder. 1,474,107; Nov. 13.

Dalton, Edward J., Davenport, Iowa. Carrier. 1,457,213; May 29.

Dalton, Raymond S. (See Thompson, R. J., and Dalton.)

Dalton, Richard H. (See Sunde, L. A., and Dalton.)

Dalton, William H., Salem, Mass. Heating unit. 1,463,005; July 24.

Daly, Charles M., East Elmhurst, N. Y. Cooker attachment for automobile radiators. 1,463,576; July 31.

Daly, Glenn L., Denver, Colo. Floor-scrubbing machine. 1,464,031; Aug. 7.

Daly, James A., Detroit, Mich. Knee-adjusting mechanism. 1,444,591; Feb. 6.

Daly, John A., New Rochelle, N. Y., assignor to Gold Sealed Denture Process Co., Inc. Coating. 1,472,244; Oct. 30.

Daly, John A., Rochelle Park, New Rochelle, N. Y., assignor to Gold Sealed Denture Process Co., Inc. Artificial denture and producing same. 1,472,245; Oct. 30.

Daly John J., Newton Center, Mass. Shoe. 1,468,284; Sept. 18.

Daly, Michael E., Cincinnati, and E. I. Cutter, assignors to The American Laundry Machinery Company, Norwood, Ohio. Device for manipulating drums or cylinders. 1,440,911; Jan. 2.

Daly, William N., Middleton, Mass. Combination front and rear light, number plate, and plate holder. 1,442,863; Jan. 23.

Dalzell, Harry G., Chicago, Ill., assignor to Fostoria Glass Company, Moundsville, W. Va. Composite glass dish. 1,478,026; Dec. 18.

Daman, Arthur C., Denver, Colo., and T. J. Pennington, Naugatuck, Conn. Agitator. 1,445,935; Feb. 10.

Daman, Arthur C., Denver, Colo. Vibrating trommel screen. 1,455,907; May 22.

Daman, Arthur C., Denver, Colo. Drier. 1,469,294; Oct. 2.

Damascus Brake Beam Company, The. (See Mayhew, Edward A., assignor.)

Damerell, Mark H., Worcester, Mass., assignor to Wyman-Gordan Company. Indicating device. 1,461,083; July 10.

Dameron, Henry A. (See Stewart, Albert L., assignor.)

Damiano, Fedora, Cambridge, Mass. Ornamental and supporting article. 1,457,350; June 5.

Damm, Carl P., et al., trustees. (See Warren, John R., assignor.)

Damm, John P., Techny, Ill. Carrier-table attachment. 1,456,623; May 23.

Damm, Louis H., Great Bend, Kans. Hinge-lock clevis. 1,467,844; Sept. 11.

Dammel, Immanuel and T. G., Geraldine, Mont. Wheeled weeder. 1,457,823; June 5.

Dammel, Thos. G. (See Dammel, Immanuel and T. G.)

Damon, George B., Belvidere, N. J., assignor to Vulcan Iron Works, Wilkes-Barre, Pa. Drier. 1,447,929; Mar. 6.

Damon, John W. (See Campbell, T. A., Damon, and Stewart.)

Damon, Murray C., Leominster, Mass., assignor to The Hairlight Company. Hair roll or puff. 1,450,491; Apr. 3.

Dampney Company of America. (See Bellows, Philip, assignor.)

Dampney, Gerald F., Sydney, New South Wales, Australia. Concrete-slab building construction. 1,468,285; Sept. 18.

Damrow Brothers Company. (See Damrow, Edward C., assignor.)

Damrow, Edward C., assignor to Damrow Brothers Company, Fond du Lac, Wis. Manufacture of brick cheese. 1,469,251; Oct. 2.

Damrow, Edward C., assignor to Damrow Brothers Company, Fond du Lac, Wis. Continuous cheese press. 1,469,252; Oct. 2.

Danaher, John W., assignor to The Standard Meter Company Limited, Toronto, Ontario, Canada. Gas meter. 1,464,972; Aug. 14.

Dance, Edward L., assignor to The New Zealand Co-operative Dairy Company, Limited, Hamilton, Auckland, New Zealand. Manufacture of casein glue. 1,478,943; Dec. 25.

Dance, Victoria E., Hamilton, Ohio. Bottle stopper. 1,463,198; July 31.

Danckwortt, Thomas B., Seattle, Wash., assignor of one-half to J. Nicolaysen. Oil engine. 1,475,370; Nov. 27.

Dandridge, James W., Garrison, W. Va. Stenographer's transcript rack. 1,455,603; May 15.

Dandridge, James W., and G. Hance, Garrison, W. Va. Slide-rail clamp. 1,476,598; Dec. 4.

Dandrieux, Auguste, assignor to Société Anonyme Anciens Ateliers A. Dandrieux, Paris, France. Machine for sharpening pencils. 1,472,557; Oct. 30.

Dandy, Mike, Burdine, Ky. Electric illuminated clock dial. 1,441,069; Jan. 2.

Dane, Louis, Brooklyn, N. Y., assignor to Research Corporation, New York, N. Y. Apparatus for electrical treatment of gases. 1,442,052; Jan. 16.

Danehower, Frank B., Philadelphia, Pa., assignor to Ross-Tacony Crucible Company. Refractory article and making the same. 1,450,140; Mar. 27.

Danese, Joseph, Philadelphia, Pa. Extension device. 1,455,715; May 15.

Danhel, Ignatz, Chicago, Ill. Stove. 1,468,859; Sept. 25.

Daniel, Alvin, New York, N. Y. Key retainer. 1,447,012; Feb. 27.

Daniel, Daniel, Little Rock, Ark. Cotton harvester and conveyer. 1,455,908; May 22.

Daniel, Frank W., Wissinoming, Pa., assignor to Quaker City Rubber Company, Philadelphia, Pa. Tire tread. Des. 62,394; May 22.

Daniel, Henry J., Sutherlin, Va. Cooking utensil. 1,457,654; June 5.

Daniel, Henry J., Sutherlin, Va. Water carrier. 1,457,655; June 5.

Daniel, John, assignor, by mesne assignments, to Koehring Company, Milwaukee, Wis. Chute-operating means. 1,477,543; Dec. 18.

Daniel, Joseph S. (See Wills, M. C., and Daniel.)

Daniel, Lewis, Newport, Ky., assignor to C. J. Rennekamp, Cincinnati, Ohio. Capped nail and tack. 1,459,877; June 26.

Daniel, Paul, Boundbrook, N. J. Throttle heater. 1,472,246; Oct. 30.
Daniels, Abe I. (See Oppman, Joseph, assignor.)
Daniels, Albert L. (See Cleghorn, R. W., Daniels, and McKeag.)
Daniels, Benjamin A., Tampa, Fla. Protective ventilating screen for vehicles. 1,461,478; July 10.
Daniels, Ernest S., Washington, D. C. Automatic grooving and strip-inserting machine. 1,471,246; Oct. 16.
Daniels, Ernest S., Washington, D. C. Packing case or box structure. 1,472,635; Oct. 30.
Daniels, Ernest S., Washington, D. C., and H. P. Schuck, East Orange, N. J. Parquet flooring and wall paneling. 1,477,813; Dec. 18.
Daniels, Eugene O., Toledo, Ohio. Gas and vapor burner. 1,452,826; Apr. 24.
Daniels, Farrington, East Falls Church, Va., and O. R. Wulf, Norwich, Conn. Fixation of atmospheric nitrogen. 1,458,525; June 12.
Daniels, Felix F., Jersey City, N. J. Drag brake for skate cycles. 1,444,592; Feb. 6.
Daniels, George, St. Louis, Mo. Signal. 1,457,057; May 29.
Daniels, George, St. Louis, Mo. Chair. Des. 62,545; June 19.
Daniels, George J. (See Zimmerman, Robert M., assignor.)
Daniels, George W., Hamilton, Ontario, Canada. Automobile lock. 1,450,943; Apr. 10.
Daniels, John T., assignor to The Hanson & Van Winkle Co., Newark, N. J. Phonograph-record matrix and method and apparatus for producing same. 1,475,937; Dec. 4.
Daniels, Lee G., Rockford, Ill. Automatic talking machine. 1,461,111; July 10.
Daniels, Lee G., Rockford, Ill. Automatic multiple-spindle metal-working machine. 1,464,062; Aug. 7.
Daniels, Lee G., Rockford, Ill. Automatic multiple-spindle machine. 1,464,063; Aug. 7.
Daniels, Lloyd C., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Production of vat dyestuffs. 1,464,598; Aug. 14.
Daniels, Lloyd C., and W. S. Lawrence, Buffalo, assignors to National Aniline & Chemical Company, Inc., New York, N. Y. Production of vat dyestuffs. 1,478,027; Dec. 18.
Daniels, Oscar C., Goldsboro, N. C. Tonsillotome. 1,466,581; Aug. 28.
Daniels, Roy R., Indianapolis, Ind. Swivel hook for jacks. 1,465,895; Aug. 21.
Danielson, Charles, Minneapolis, Minn. Ironing board. 1,466,390; Aug. 28.
Danielson, Ernest G., assignor to E. T. Cunningham, San Francisco, Calif. Inductance coil. 1,455,081; May 15.
Danielson, Ernest G., assignor to E. T. Cunningham, San Francisco, Calif. Rheostat. 1,460,408; July 3.
Danielson, Frank, Chicago, Ill. Burning-in and running-in machine. 1,446,838; Feb. 27.
Danielson, Frank, Chicago, Ill. Vise. 1,456,365; May 22.
Daniloff, Serge, Lowell, Mass., assignor to Saco-Lowell Shops. Guide for continuous bobbin feed for use in spooling machines and the like. 1,448,831; Mar. 20.
Danis, Romeo J., et al. (See Cryan, William H., assignor.)
Danley, James B., St. Johns, Mich. Battery poultry coop. 1,469,384; Oct. 2.
Danley, Raymond P. (See Camarata, V., Codrick, and Danley.)
Danley, Raymond P., et al. (See Peterson, Edwin A., assignor.)
Danley, William, Charleston, Tex. Rat trap. 1,477,320; Dec. 11.
Dann, Ernest G., Chicago, Ill. Spring bumper. 1,455,082; May 15.
Dann, Walter M., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Transformer radiator. 1,461,518; July 10.
Dann, Walter M., Wilkinsburg, and C. L. Fortescue, Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company. Protective system. 1,467,843; Sept. 11.
Danneel, Heinrich. (See Tommasi C., Sandholm, Danneel, and Busch.)
Danner, Frederick E., Willows, Calif. Solar heater. 1,473,018; Nov. 6.
Dannettell, Henry, assignor of one-half to B. U. Cain, Evansville, Ind. Preparing coal for coking. 1,475,543; Nov. 27.
Dannreuther, Lewis C., Oklahoma, Okla. Stove. 1,457,506; June 5.
Danquard, Thomas, New York, N. Y., assignor to Auto Pneumatic Action Company. Switching mechanism for player pianos. 1,468,139; Sept. 18.
Dansey, Harry D. (See Carr, Edward, assignor.)
Danson, Willa, San Leandro, Calif. Statuette. Des. 62,253; Apr. 24.
Danstrup, Hans E., assignor of one-half to J. Harrison, Brooklyn, N. Y. Double-acting reciprocating pump. 1,470,426; Oct. 9.
D'Antonio, Remigius, New York, N. Y. Propelling mechanism in pedicycles. 1,477,544; Dec. 18.
Danya, Inc. (See Aymar, Gordon C., assignor.)
Danz, Eugene P., St. Paul, Minn. Earring. Des. 63,098; Oct. 2.
Danziger, Abraham, New York, N. Y. Box. Des. 62,145; Mar. 27.
Danziger, Abraham, New York, N. Y. Sheet guard for platen presses. 1,453,064; Apr. 24.
Danziger, Adolphe, et al. (See Dusseau, Maurice G., assignor.)
Darcey, Jesse J. (See Grandjean, S. G., and Darcey.)
Darche, Harry. (See Kunz, E. L., and Darche.)
D'Arcy, Harry J., Los Angeles, Calif. Fertilizer-spraying device. 1,469,065; Sept. 25.
Dardani, Martin E. E., Fairfield, Conn. Gasoline filter. 1,463,006; July 24.
Dardani, Thomas H., Bloomfield, N. J. Combination jack and hoist. 1,445,430; Feb. 13.
Darden, Newton J., Washington, D. C. Necktie holder. 1,455,604; May 15.
D'Ardenne, Walter H., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Punching machine. 1,476,669; Dec. 4.
Dargue, Algernon W., and F. L., Halifax, England. Drawing apparatus. 1,464,973; Aug. 14.
Dargue, Frederick L. (See Dargue, Algernon W., and F. L.)
Darley, John W., jr., Baltimore, Md., assignor to C. S. Cohen, Brooklyn, N. Y. container. 1,447,712; Mar. 6.
Darley, William S., Chicago, Ill. Pitometer. 1,446,618; Feb. 27.
Darlin, Jean M. A. (See Colombani, Colomban, assignor.)
Darling, Elmer E., Salt Lake City, Utah. Tire alarm. 1,451,291; Apr. 10.
Darling, Elton R., Montclair, N. J., assignor to Ellis-Foster Company. Treating bismuth ores. 1,477,321; Dec. 11.
Darling, Fay C., Walton, N. Y. Support. 1,441,913; Jan. 9.
Darling, Fay C., Walton, N. Y. Bath and basin fitting. 1,461,698; July 10.
Darling, Lewis A., assignor to Electric Service Supplies Company, Philadelphia, Pa. Power generator. 1,446,084; Feb. 20.
Darling, Lewis A., assignor to Electric Service Supplies Company, Philadelphia, Pa. Generator. 1,447,282; Mar. 6.
Darling, Lewis A., assignor to Electric Service Supplies Company, Philadelphia, Pa. Electrical machine. 1,454,833; May 8.
Darling, Lewis A., assignor to Electric Service Supplies Company, Philadelphia, Pa. Controlling valve. 1,471,107; Oct. 16.
Darmstadter, Herbert M., Chicago, Ill. Hand-measuring device. 1,441,268; Jan. 9.
Darn E. Z. Laboratorys. (See Plasterer, Purl C., assignor.)
Darnell, Eugene, and L. G. Cassidy, Wichita, Kans. Combination ladder. 1,460,792; July 3.
Darnell, Rex C. (See Bull, A. A., and Darnell.)
Darnell, William L., Franklin, Tenn. Brake band. 1,478,849; Dec. 25.
Darnley, Percy H., assignor of one-half to B. Richards, London, England. Typewriter. 1,450,627; Apr. 3.
Darrah, William A., Chicago, Ill. Producing oxygen and apparatus therefor. 1,448,654; Mar. 13.
Darrah, William A., Chicago, Ill. Selective oxidation and apparatus therefor. 1,448,655; Mar. 13.
Darrah, William A., assignor to The Ekco Engineering Company, Chicago, Ill. Preparing dough. 1,468,775; Sept. 25.
Darrah, William H., Bethlehem, Pa. Hoisting device. 1,444,954; Feb. 13.
Darrow, Edwin A. (See Koester, Charles E., jr., assignor.)
Darrow, Leo H. (See Barrows, L. D., and Darrow.)
Darrow, Leo H., New York, N. Y., assignor to American Telephone and Telegraph Company. Electric signaling system. 1,460,368; July 3.
Darrow, Lorenzo D., North Plainfield, N. J. Ensilage packer. 1,458,809; June 12.
Dart, Eric, Kelowna, British Columbia, Canada. Thimble. 1,473,953; Nov. 13.
Dary, Elmer G., and A. P. Clute, Quincy, Ill. Mechanism for propelling vessels. 1,455,716; May 15.
Das, Pieter, Delft, Netherlands. Electric emergency lighting installation. 1,459,283; June 19.
Dasco Import Co. Inc. (See Oppenheim, Julius, assignor.)
Dasher, Daniel A., Riverton, Ill. Posthole-drilling machine. 1,441,834; Jan. 9.
Dashew, Jacob, Baltimore, Md. Steam garment-pressing machine. 1,451,292; Apr. 10.
Date, Goichi, Sublet, Wyo. Attachment for miners' lamps. 1,459,576; June 19.
Date, John H. (See Patten, C. C., Date, and Madigan.)
"Date" Laboratoriums- und Industrie-Bedarf G. m. b. H. (See Unglaube, Herbert M. C., assignor.)
Dath, Charles E., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Railway draft rigging. 1,450,358; Apr. 3.
Dath, Charles E., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Shim for center-bearing plates. 1,453,661; May 1.

Dath, Charles E., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Antifriction bearing. 1,476,055; Dec. 4.
Daubert, Harry S., Amarillo, Tex. Railway equipment. 1,471,452; Oct. 23.
Daughdrill, John D., Anniston, Ala. Molding machine. 1,451,323; Apr. 10.
Daugherty, Chalmer B., assignor to The Dayton Manufacturing Company, Dayton, Ohio. Antirattling device. 1,477.248; Dec. 11.
Daugherty, Elmer I. (See Loescher, F. E., Jaenike, and Daugherty.)
Daugherty, George S., Blue River, Wis. Spark plug. 1,447,763; Mar. 6.
Daughtery, John A., assignor of one-half to H. F. Hardy, Goldsboro, N. C. Wheel and axle assembly. 1,440,818; Jan. 2.
Dauley, Isaac C., and J. D. Viruette, Oneonta, N. Y. Check protector. 1,448,994; Mar. 20.
Daulton, Benjamin H., and C. B. Robinson, assignors to The Irwin Auger Bit Company, Wilmington, Ohio. Mechanism for manufacture of auger bits. 1,450,252; Apr. 3.
Daum, George W. (See Lewis, S. G., and Daum.)
Daum, John A., Pittsburgh, Pa. Canopy or fixture securing device. 1,446,788; Feb. 27.
Daut, James F., assignor to Whitaker-Glessner Company, Wheeling, W. V. Roofing sheet. 1,444,170; Feb. 6.
Dauteuil, Fernand. (See Kree, P. M., and Dauteuil.)
Daval Rubber Company. (See Raiche, Paul A., assignor.)
Davenport, Clifton E., et al. (See Smith, Luther E., assignor.)
Davenport, David H., Vancouver, Wash. Bedrail joint. 1,441,835; Jan. 9.
Davenport, George E., Camden, N. J. Repeating apparatus for talking machines. 1,444,171; Feb. 6.
Davenport, Harmon F., Chicago, Ill., and M. J. Whelan, Muskegon, Mich., assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Cue. 1,459,144; June 19.
Davenport, Mervyn A., assignor of one-half to George F. Shaner, Los Gatos, Calif. Nursing bottle. 1,441,623; Jan. 9.
Davenport, Ransom W., Detroit, Mich. Refrigerating machine. 1,472,432; Oct. 30.
Davenport, Ransom W., assignor to Jeffery-Dewitt Company, Detroit, Mich. Rapid decorating firing furnace or kiln. 1,451,815; Apr. 17.
Davenport, Wesley M., assignor to Elgin Auto Tool Company, Elgin, Ill. Hose clamp. 1,473,609; Nov. 13.
Davey, Wheeler P., Schenectady, N. Y., assignor to General Electric Company. Making emulsions. 1,472,716; Oct. 30.
David, Ernest, Maywood, assignor of one-half to L. Wachtel, Chicago, Ill. Antiglare guard for headlights. 1,471,024; Oct. 16.
David, Michael, Pittsburgh, Pa. Beehive. 1,447,713; Mar. 6.
David, Otto, Far Rockaway, N. Y. Girdle for women's apparel. 1,452,148; Apr. 17.
Davidson, Arthur C., Bronxville, assignor to D. Co., Inc., New York, N. Y. Manufacturing cutters. 1,473,086; Nov. 6.
Davidson, Benjamin S. (See Poindexter, Franklin E., assignor.)
Davidson, Bruce J., New York, N. Y., assignor to Wirebounds Patents Company, Kittery, Me. Wire-joining tool. 1,453,446; May 1.
Davidson, Bruce J., Marseilles, Ill., assignor to Wirebounds Patents Company. Wire-joining method. 1,453,447; May 1.
Davidson, Charles, et al. (See Marshall, Walker E., assignor.)
Davidson, Frank B., Marseilles, Ill., assignor to National Biscuit Company, New York, N. Y. Carton. 1,461,415; July 10.
Davidson, Harry O., assignor to The Hydraulic Pressed Steel Company, Cleveland, Ohio. Sheet-metal hut. 1,447,966; Mar. 13.
Davidson, James W., Syracuse, N. Y. Stacking device. 1,449,893; Mar. 27.
Davidson, John, Tutbury, Burton-on-Trent, England. Internal-combustion engine. 1,455,132; May 15.
Davidson, John, Burton-on-Trent, England. Internal-combustion engine. 1,468,962; Sept. 25.
Davidson, John, jr., Montclair, N. J., assignor to American Telephone and Telegraph Company. Means for and method of testing multiplex carrier circuits. 1,445,759; Feb. 20.
Davidson, John, jr., Montclair, N. J., assignor to American Telephone and Telegraph Company. Ringing arrangement for multiplex circuits. 1,463,199; July 31.
Davidson, John, jr., Montclair, N. J., assignor to American Telephone and Telegraph Company. Ringing arrangement for multiplex circuits. 1,463,200; July 31.
Davidson, John, jr., Trenton, N. J., assignor to American Telephone and Telegraph Company. Telephone-exchange system. 1,473,671; Nov. 13.
Davidson, Joshua E., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,447,510; Mar. 6.
Davidson, Louis, New York, N. Y. Reenforcement for reenforced-concrete flat-slab construction. 1,452,677; Apr. 24.
Davidson, Samuel C., deceased, Belfast, by F. G. Maguire, Bangor, A. Agar, Holywood, and H. T. Coulter, Belfast, Ireland, executors. Treatment of raw rubber and the like plastic substances. 1,446,737; Feb. 27.
Davidson, Samuel C., deceased, Belfast, Ireland, by F. G. McGuire, Bangor, A. Agar, Holywood, and H. T. Coulter, Belfast, Ireland, executors. Preparation of preservative substances for rubber latex. 1,447,930; Mar. 6.
Davidson, Scott, Hillsboro, Ill., assignor to Schram Glass Manufacturing Company, St. Louis, Mo. Method of and apparatus for feeding molten glass. 1,458,167; June 12.
Davidson, Thomas E., assignor to Jewel Phonoparts Company, Chicago, Ill. Phonograph tone-arm extension and reproducer mounting. 1,478,700; Dec. 25.
Davidson, Thomas M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for filling containers with explosives. 1,477,040; Dec. 11.
Davidson, William M., assignor to Williams Patent Crusher & Pulverizer Company, St. Louis, Mo. Reenforced rotary pivoted hammer. 1,447,341; Mar. 6.
Davie, John M., East Cleveland, Ohio, assignor to The Kelly Reamer Company, Cleveland, Ohio. Tool for boring and reaming holes in metal. 1,473,781; Nov. 13.
Davies, Arthur H., assignor to Scottish Dyes, Limited, Carlisle, Cumberland, England. Manufacture of oxy derivatives of anthraquinone. 1,446,163; Feb. 20.
Davies, David A., Cleveland, Ohio, assignor to Weaver Manufacturing Company, Springfield, Ill. Rim-handling device. 1,454,627; May 8.
Davies, David P., assignor to J. I. Case Threshing Machine Company, Racine, Wis. Piston. 1,460,535; July 3.
Davies, Henry R., assignor to Electric-Auto-Lite Corporation, Toledo, Ohio. Vehicle headlight. 1,467,423; Sept. 11.
Davies, John H., Melbourne, Victoria, Australia. Claw for milking machines. 1,440,912; Jan. 2.
Davies, Phil, Woollahra, New South Wales, Australia. Device for replacing fuse wire and for indicating blown-out electric circuits. 1,460,478; July 3.
Davies, Ralph J., Hartford, Conn. Card-index apparatus. 1,467,357; Sept. 11.
Davies, Samuel, Briton Ferry, Wales. Tin-plate branning or grease-removing machine. 1,471,108; Oct. 16.
Davies, Thomas M., Llanelly, Wales. Tire-inflating pump. 1,452,870; Apr. 24.
Davies, William E., London, England. Making coke. 1,443,618; Jan. 30, 1923.
Davies, William T., assignor to The Patterson-Sargent Company, Cleveland, Ohio. Metal container. 1,454,958; May 15.
Davignon, Edmond A., A. E. Berry, and J. Greenhalgh, Plainfield, Conn. Attachment for combing machines. 1,475,043; Nov. 20.
Davile, Carmine, Jersey City, N. J. Doll. Des. 63,360; Nov. 27.
Davin, Michael J., Danville, Ill. Mold. 1,458,034; June 5.
Daving, Joseph, New York, N. Y. Watchcase. 1,444,593; Feb. 6.
Davino, Alphonso, and F. P. Schoberle, Los Angeles, Calif. Aerial railway for amusement purposes. 1,455,390; May 15.
Davis, A. M. (See Carver, George W., assignor.)
Davis, Abner F. H., Oakland, Calif. Automobile lock. 1,478,850; Dec. 25.
Davis, Albert L., Kingsway, assignor to Vickers Limited, Westminster, London, England. Aircraft lamp. 1,463,677; July 31.
Davis, Albert L., Kingsway, assignor to Vickers Limited, Westminster, London, England. Aircraft lamp. 1,463,678; July 31.
Davis, Amy E., New York, N. Y. Window screen. 1,461,441; July 10.
Davis, Arthur, Kidderminster, assignor to Thomas Bond Worth & Sons Limited, Stourport, England. Loom for weaving tufted fabrics. 1,458,976; June 19.
Davis, Arthur P., Brooklyn, N. Y. Signaling system. 1,468,660; Sept. 25.
Davis, Arthur P., assignor to E. A. Sperry, Brooklyn, N. Y. Feeding and rotating means for electrodes. 1,460,793; July 3.
Davis, Augustine, Jamaica, assignor, by mesne assignments, to Davis Automatic Equipment Corporation, New York, N. Y. Coin-controlled mechanism. 1,449,853; Mar. 27.
Davis, Augustine, jr. (See Emmich, George L. E., assignor.)
Davis, Augustine, jr., Covington, Ky., and A. L. Betts, Cincinnati, Ohio; said Betts assignor to said Davis. Can. Des. 62,888; Aug. 21.
Davis Automatic Equipment Corporation. (See Bucknam, Worthy C., assignor.)
Davis Automatic Equipment Corporation. (See Buzzaird, R. B., and Bucknam, assignors.)
Davis Automatic Equipment Corporation. (See Davis, Augustine, assignor.)
Davis, Benjamin F., Spur, Tex. Bit clamp. 1,464,750; Aug. 14.
Davis, Benjamin H., Boston, Mass. Reenforced and safety sealed-box construction and manufacturing. 1,470,063; Oct. 9.

Davis, Benjamin W., Ridley Park, Pa. Train-control safety device. 1,468,286; Sept. 18.
Davis, Bret C., Jamestown, N. Y. Vase, urn, or other container. 1,444,666; Feb. 6.
Davis, Calvin R., assignor to Emerson-Brantingham Company, Rockford, Ill. Hayloader. 1,441,787; Jan. 9.
Davis, Calvin R., assignor to Emerson-Brantingham Company, Rockford, Ill. Power lift for grain drills. 1,463,612; July 31.
Davis, Calvin R., assignor to Emerson-Brantingham Company, Rockford, Ill. Power lift for grain drills. 1,463,613; July 31.
Davis, Carleton E. (See Spence, Thomas, assignor.)
Davis, Charles, Neuilly-sur-Seine, France. Package. 1,448,435; Mar. 13.
Davis, Charles E., assignor to Goodman Manufacturing Co., Chicago, Ill. Apparatus for handling loose material. 1,464,521; Aug. 14.
Davis, Charles E., assignor to Goodman Manufacturing Company, Chicago, Ill. Apparatus for handling ore and the like. 1,464,522; Aug. 14.
Davis, Charles E., assignor to Goodman Manufacturing Company, Chicago, Ill. Apparatus for handling ore. 1,462,688; July 24.
Davis, Charles E., assignor to Goodman Manufacturing Company, Chicago, Ill. Apparatus for handling ore and the like. 1,477,814; Dec. 18.
Davis, Charles S., et al. (See Donaldson, Elizabeth C., assignor.)
Davis, Clarence M., Cape May, N. J., assignor, by mesne assignments, to A. Mecky Company. Coaster brake. 1,454,707; May 8.
Davis, Clarke E., Douglaston, assignor to National Biscuit Company, New York, N. Y. Process and apparatus for classifying food products. 1,458,130; June 12.
Davis, Claude. (See Garner, William B., assignor.)
Davis, Cleland, The United States Navy. Armament for aircraft. 1,446,000; Feb. 20.
Davis, Daniel H., Union, Iowa. Gate. 1,444,237; Feb. 6.
Davis, David C., Chester, Pa., assignor to Westinghouse Gear and Dynamometer Company. Pressure-distributing device for double-pinion drives. 1,458,131; June 12.
Davis, David L., Norwalk, Conn. Headlight. 1,450,581; Apr. 3.
Davis, David L., assignor to Davis-Pope Company, Incorporated, South Norwalk, Conn. Producing polo felt. 1,457,769; June 5.
Davis, Dona M. (See Davis, Paul W., and D. M.)
Davis, Donald C., Buffalo, N. Y. Machine for testing hardness of materials. 1,457,214; May 29.
Davis, Earl M., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Belt-buckle frame. Des. 63,220; Nov. 6.
Davis, Earl M., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Belt-buckle frame. Des. 63,221; Nov. 6.
Davis, Earl M., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Belt-buckle frame. Des. 63,222; Nov. 6.
Davis, Edward L., Schenectady, N. Y. Concrete mold. 1,447,283; Mar. 6.
Davis, Edward W., Minneapolis, Minn. Conveyer. 1,449,216; Mar. 20.
Davis, Edward W., Minneapolis, Minn. Magnetic concentrator. 1,474,624; Nov. 20.
Davis, Edward W., Atascadero, Calif. Stripping bar. 1,475,371; Nov. 27.
Davis, Edward W., Minneapolis, Minn., assignor to The Dorr Company. Washer and classifier. 1,445,007; Feb. 13.
Davis, Elmer A., Chicago, Ill. Clamping and supporting tool. 1,471,593; Oct. 23.
Davis, Elmer A., assignor to Whiting Corporation, Harvey, Ill. Support for electric-current-collector shoes. 1,450,141; Mar. 27.
Davis, Elmer M., Chicago, assignor to Swift & Company, Cook County, Ill. Deodorizing and improving the quality of cream and butter fat. 1,463,309; July 31.
Davis, Elwood R., West Haven, assignor to Winchester Repeating Arms Company, New Haven, Conn. Bell guide. 1,444,063; Feb. 6.
Davis, Elwood R., West Haven, assignor to Winchester Repeating Arms Company, New Haven, Conn. Making bell guides. 1,469,296; Oct. 2.
Davis, Ernest W., assignor to Burke & James, Inc., Chicago, Ill. Motion-picture camera. 1,450,433; Apr. 3.
Davis, Ernest W., Oak Park, Ill., assignor, by mesne assignments, to The Bassick Manufacturing Company. Lubricating system. 1,462,689; July 24.
Davis, Ernest W., Oak Park, Ill., assignor, by mesne assignments, to The Bassick Manufacturing Company. Lubricating apparatus. 1,465,254; Aug. 21.
Davis, Everett, Elkland, Mo. Mail-box support. 1,460,054; June 26.
Davis, Ferdinand, New Geneva, Pa. Coaster. 1,444,238; Feb. 6.
Davis, Frank E. (See McDaniel, W., Davis, and Connor.)
Davis, Frank E., Indianapolis, Ind. Automatic door opener. 1,478,601; Dec. 25.
Davis, Frank K., and C. C. Taylor, Washington, D. C., assignors to Underwood Computing Machine Company, New York, N. Y. Combined typewriting and computing machine. 1,463,155; July 31.
Davis, Frank R., Scarsdale, N. Y. Tourniquet. 1,447,967; Mar. 13.
Davis, Fred M. (See Bowdle, Montraville H., assignor.)
Davis, Fred M. (See Masser, Allan M., assignor.)
Davis, Fred M., Chicago, Ill. Household appliance. 1,472,051; Oct. 30.
Davis, Fred M., Chicago, Ill. Electrosteam radiator. 1,472,052; Oct. 30.
Davis & Furber Machine Company. (See Godfrey, Oscar M., assignor.)
Davis & Furber Machine Company. (See Thiel, Charles P. R., assignor.)
Davis, George R., Seattle, Wash. Shoe-insole construction. 1,475,055; Nov. 20.
Davis, George W., Gibson City, Ill. Corn feeding and debutting machine. 1,456,624; May 29.
Davis, Gilbert G. and M. J., Vancouver, British Columbia, Canada. Log raft. 1,470,064; Oct. 9.
Davis, Golden C., et al. (See Gompf, Harry V., assignor.)
Davis, Harold A., and P. S. Newcomer, Fostoria, Ohio. Elevator hoist. 1,457,021; May 29.
Davis, Harold S., Pittsburgh, Pa., assignor to Texas Gulf Sulfur Company, Bay City, Tex. Burning sulfur. 1,451,763; Apr. 17.
Davis, Harold S., Pittsburgh, Pa., assignor to Texas Gulf Sulphur Company, New York, N. Y. Burning sulphur. 1,455,284; May 15.
Davis, Harry A., Hopedale, Mass. Cloth roll for looms. 1,475,622; Nov. 27.
Davis, Harry B., Houston, Pa. Automobile washer. 1,460,096; June 26.
Davis, Harry G., assignor to G. L. Campbell, Philadelphia, Pa. Time-controlled actuating device. 1,445,871; Feb. 20.
Davis, Harvey N., Cambridge, Mass., assignor to Research Corporation, New York, N. Y. Separating the constituents of air and other gaseous mixtures. 1,471,832; Oct. 23.
Davis, Harvey N., Cambridge, Mass., assignor to Research Corporation, New York, N. Y. Apparatus for rectification of air. 1,471,833; Oct. 23.
Davis, Henson, Roundup, Mont. Miner's carbide lamp. 1,477,431; Dec. 11.
Davis, Herbert M., Brooklyn, N. Y. Water motor. 1,467,975; Sept. 11.
Davis, Herman, Sheboygan, Wis. Trunk. 1,444,112; Feb. 6.
Davis, Hiram, Camden, N. J. Workholder. 1,464,064; Aug. 7.
Davis, Howard B., Millville, N. J. Glass-cutting machine. 1,462,030; July 17.
Davis, Howard C. (See Mills, B., Row, and Davis.)
Davis, Ida, San Antonio, Tex. Closure for milk bottles. 1,459,443; June 19.
Davis, Irvin W., assignor to The Midland Company, South Milwaukee, Wis. Door hanger. 1,472,156; Oct. 30.
Davis, Jacob E., Ironton, Ohio. Clay back for gas heaters. 1,470,596; Oct. 16.
Davis, Jacob E., Ironton, Ohio. Gas heater. 1,477,998; Dec. 18.
Davis, James C., Hinsdale, assignor to American Steel Foundries, Chicago, Ill. Core-drying means. 1,445,872; Feb. 20.
Davis, James D., Denver, Colo. Atomizer. 1,475,340; Nov. 27.
Davis, James G., Buffalo, N. Y. Mold for making building blocks. 1,463,007; July 24.
Davis, James H., Clairton, Pa. Car-door-locking mechanism. 1,470,149; Oct. 9.
Davis, John B., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Liquid-dispensing apparatus. 1,447,511; Mar. 6.
Davis, John B., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Dispensing pump. 1,449,217; Mar. 20.
Davis, John B., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Quantity stop for measuring pumps. 1,449,218; Mar. 20.
Davis, John B., Springfield, Mass., assignor to Gilbert & Barker Manufacturing Company. Grease gun. 1,449,219; Mar. 20.
Davis, John B., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Dispensing apparatus. 1,456,366; May 22.
Davis, John B., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Dispensing pump. 1,463,310; July 31.
Davis, John E., Cincinnati, Ohio. Placing foil wrappers upon cigars. 1,448,915; Mar. 20.
Davis, John L., and L. D. Cooley, Greenville, S. C. Loom attachment. 1,463,614; July 31.
Davis, John O., Taos, N. Mex. Theft-preventing device for automobiles. 1,443,009; Jan. 23.
Davis, John O., Minneapolis, Minn., and J. H. Stice, Tama, Iowa; said Stice assignor to said Davis. Legal-blank-vending machine. 1,445,666; Feb. 20.
Davis, John W., Dallas, Tex. Windshield visor. 1,460,313; June 26.

Alphabetical list of patentees—Continued.

Davis, Joseph, Pittsburgh, Pa. Doorstop. 1,475,172; Nov. 27.
Davis, Joseph F. (See Tverdahl, Edward A., assignor.)
Davis, Joseph J. (See Blankenship, Tony, assignor.)
Davis, Joseph W., Ansted, W. Va. Safety holder for mine squibs and detonators. 1,470,150; Oct. 9.
Davis, Kenneth, assignor to R. Peale, St. Benedict, Pa. Means for transporting loose material. 1,440,378; Jan. 2.
Davis, Kenneth, assignor to R. Peale, St. Benedict, Pa. System and apparatus for conveying coal. 1,467,845; Sept. 11.
Davis, Laurence R., Weehawken, N. J., assignor to Providence Rubber Company. Cushion tire and manufacture thereof. 1,472,903; Nov. 6.
Davis, Lawrence C., Cedar Falls, Iowa, assignor to Dentabrush Company. Sanitary toothbrush. 1,470,710; Oct. 16.
Davis, Leonard D., Erie, Pa. Producing seamless internally-ribbed tubes. 1,465,073; Aug. 14.
Davis, Lewis K. (See Dalrymple, Philip W., assignor.)
Davis, Lewis K., Washington, D. C. Endless-track vehicle. 1,443,871; Jan. 30.
Davis, Lewis K., Washington, D. C. Endless-track vehicle. 1,461,028; July 10.
Davis, Lewis R., and R. M. Hughes, San Francisco, Calif. Positioning means for pistons. 1,462,742; July 24.
Davis, Louis, assignor of one-third to J. Weinberger, Minneapolis, Minn. Paint brush. 1,444,667; Feb. 6.
Davis, Louis D., Carbondale, Pa. Tool for attaching tips to shoe-strings or the like. 1,473,471. Nov. 6.
Davis, Luther E., Syracuse, N. Y. Radiocabinet. 63,099; Oct. 2.
Davis, Madaline V., assignor of one-half to C. Van Deusen, Milwaukee, Wis. Breast protector. 1,459,145; June 19.
Davis, Marcus J., St. Louis, Mo., assignor, by mesne assignments, to Snappy Sales Company, Wilmington, Del. Support for the cords of electric irons. 1,476,395: Dec. 4.
Davis, Martha E., et al. (See Barton, Charles N., assignor.)
Davis, Matthew J. (See Davis, Gilbert G. and M. J.)
Davis, Michael J., Brooklyn, N. Y. Antiskidding device. 1,440,660; Jan. 2.
Davis, Morris A., Los Angeles, Calif. Piston ring. 1,470,113; Oct. 9.
Davis, Nathan, Dorchester, Mass. Cutter attachment for sewing machines and the like. 1,442,387; Jan. 16.
Davis, Nelson P., Terry, Miss. Oil baffle plate. 1,443,010; Jan. 23.
Davis, Norman C. (See Fisher, H. W., and Davis.)
Davis, Otis L., Iowa City, Iowa. Auxiliary switch for automobile lights. 1,473,212; Nov. 6.
Davis, Patrick H., Leonia, assignor to The Hamilton-Low Company, Jersey City, N. J. Conveyer belt for dishwashing and like machines. 1,441,836; Jan. 9.
Davis, Paul W. and D. M., Hooker, Okla. Harvesting machine. 1,443,872; Jan. 30.
Davis-Pope Company. (See Davis, David L., assignor.)
Davis, Ralph E. (See Stebler, F., and Davis.)
Davis, Robert H., London, England. Valve of compressed-gas containers. 1,444,780; Feb. 13.
Davis, Robert H., London, England. Thermometric instrument for indicating the freshness of air in confined spaces. 1,447,968; Mar. 13.
Davis, Roy P. M., Mount Union, Pa. Brickmaking machine. 1,476,496; Dec. 4.
Davis, Rulon H., Salt Lake City, Utah. Folding umbrella. 1,455,605; May 15.
Davis, Samuel S., Bloomfield, Mo. Demountable rim. 1,465,159; Aug. 14.
Davis Sewing Machine Company, The. (See Ireland, Ward S., assignor.)
Davis Sewing Machine Company, The. (See Pearson, J. W., and Power, assignors.)
Davis Sewing Machine Company, The. (See Pearson, John W., assignor.)
Davis, Sidney, Lankershim, Calif. Gopher trap. 1,452,028; Apr. 17.
Davis, Solomon L., and E. H. Rinehart, El Paso, Tex. Tire tube. 1,451,536; Apr. 10.
Davis, Tenney L., Somerville, Mass. Smokeless propellant powder. 1,478,892; Dec. 25.
Davis, Theron, New York, N. Y. Mold for rubber goods. 1,472,053; Oct. 30.
Davis, Thomas J., Duquesne, Pa. Sintering. 1,444,955; Feb. 13.
Davis, Thomas J., Duquesne, Pa. Grate for sintering apparatus. 1,446,965; Feb. 27.
Davis, W. R., et al. (See Bumbaugh, Clyde C., assignor.)
Davis, Walter L., Chicago, Ill. Telephone apparatus. 1,476,953: Dec. 11.
Davis, Walter S. (See Conkey, Leonard L., assignor.)
Davis, Walter T., assignor to Wheeling Stamping Company, Wheeling, W. Va. Purifying molten metal. 1,452,364; Apr. 17.
Davis, Walter T., assignor to Wheeling Stamping Company, Wheeling, W. Va. Casting machine. 1,458,685; June 12.
Davis-Watkins Dairyman's Manufacturing Company. (See Wennerstrom, Carl G., assignor.)
Davis, Willard M., Waynesville, Ill. Saw set. 1,441,968; Jan. 9.
Davis, William, Chicago, Ill. Electrically-operated brake mechanism for automobiles. 1,449,499; Mar. 27.
Davis, William, Chicago, Ill. Controlling mechanism for electric motors. 1,449,500; Mar. 27.
Davis, William, assignor to The William D. Davis Machine Company, Philadelphia, Pa. Automatic mail-bag catcher and deliverer. 1,470,427; Oct. 9.
Davis, William D., Machine Company, The. (See Davis, William, assignor.)
Davis, William E. (See Beckwith, C. G., and Davis.)
Davis, William H., Charleston, W. Va. Method of and apparatus for collecting light products. 1,478,205; Dec. 18.
Davis, William J., Montreal, Quebec, Canada. Sharpening device for safety-razor blades. 1,448,730; Mar. 20.
Davis, William J., Chicago, Ill. Sanitary piping and fitting therefor. 1,463,461; July 31.
Davis, William L., Dayton, Ohio. Radiator cap. Des. 62,320; May 8.
Davison, Frank G. (See Sebell, Harry, assignor.)
Davison, George F., assignor of one-half to D. Riordan, La Salle, Ill. Drinking vessel. 1,469,036; Sept. 25.
Davison, Gregory C., New London, Conn. Tractor wheel. 1,475,544; Nov. 27.
Davison, James T., Westfield, Mass. Belt cutting and trimming machine. 1,469,154; Sept 25.
Davison, John W., Mattoon, Ill. Lens. 1,469,931; Oct. 9.
Davison, Maggie T., Nashville, Tenn., and C. W. Thompson, Chicago, Ill. Automobile light. 1,458,035; June 5.
Davison, Vergil A., Detroit, Mich., assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio. Automobile bumper. 1,465,780; Aug. 21.
Davison, Walter H. (See Stewart, Harry B., assignor.)
Davison, Walter W., assignor to Wire Wheel Corporation of America, Buffalo, N. Y. Wheel. 1,453,338; May 1.
Davisson, Russell F., Tulsa, Okla. Flush tank. 1,443,215; Jan. 23.
Davisson, Zadok A., Clarksburg, W. Va. Vehicle brake. 1,478,641; Dec. 25.
Davitt, James E., Groton, N. Y. Eye-shielding attachment for windshields. 1,459,322; June 19.
Davol Rubber Company. (See Raiche, Paul A., assignor.)
Davoplane Bed Company. (See Freedman, Hyman and N. M., assignors.)
Davy, Charles F., Syracuse, N. Y. Lowering device. 1,452,070; Apr. 17.
Dawer, Antonio, Philadelphia, Pa. Thief trap for automobiles. 1,464,751; Aug. 14.
Dawer, Antonio, assignor to R. M. Wright, Philadelphia, Pa. Floor-cleaning machine. 1,472,208; Oct. 30.
Dawes, Kathleen M., commonly called Capell, et al, legal representatives. (See Capell, George M.)
Dawkins, John W. (See Meadors, George R. L., assignor.)
Dawley, Arthur, C. D. Pierce and Co. (See Dawley, Arthur, assignor.)
Dawley, Arthur, assignor to Arthur Dawley, C. D. Pierce and Co., Attica, Ind. Combined chicken coop and trap. 1,473,019; Nov. 6.
Dawley, Clarence A., Plainfield, N. J. Injector. 1,458,810; June 12.
Dawley, James C. (See Ripsch, C. W., and Dawley.)
Dawley, James C. (See Ripsch, C. W., Dawley, and Derby.)
Dawley, James S., New York, N. Y. Preparing films for kinetoscopes. 1,463,802; Aug. 7.
Dawson, Arthur T., and G. T. Buckham, assignors to Vickers Limited, Westminster, London, England. Aiming-tube adapter for quick-firing guns. 1,441,837; Jan. 9.
Dawson, Arthur T., and G. T. Buckham, assignors to Vickers Limited, Westminster, London, England. Machine gun. 1,456,625; May 29.
Dawson, Arthur T., and G. T. Buckham, assignors to Vickers Limited, Westminster, London, England. Machine gun. 1,456,626; May 29.
Dawson, Arthur T., and G. T. Buckham, assignors to Vickers Limited, Westminster, London, England. Ordnance recoil apparatus. 1,458,686; June 12.
Dawson, Arthur T., and G. T. Buckham, Westminster, London, assignors to Vickers Limited, London, England. High-angle ordnance. 1,464,171; Aug. 7.
Dawson, Arthur T., and G. T. Buckham, assignors to Vickers Limited, Westminster, London, England. Ordnance sighting apparatus. 1,475,472; Nov. 27.
Dawson, Arthur T., Westminster, London, and J. Horne, Barrow-in-Furness, assignors to Vickers Limited, Westminster, London, England. Turret mounting for heavy guns. 1,457,924; June 5.
Dawson, Arthur T., G. E. Watt, and A. L. Perham, assignors to Vickers Limited, Westminster, London, England. Means for use in the laying of ordnance and other apparatus in training. 1,446,336; Feb. 20.
Dawson, Arthur T., G. T. Buckham, Westminster, London, England, and G. D. Haskell, Boston, Mass., assignors to Vickers Limited, Westminster, London, England. Machine gun. 1,453,974; May 1.

Dawson, Arthur T., G. T. Buckham, and C. A. Larsson, Westminster, London, assignors to Vickers Limited, London, England. Automatic gun. 1,462,852; July 24.
Dawson, Arthur T., G. T. Buckham, and C. A. Larsson, Westminster, London, assignors to Vickers, Limited, London, England. Automatic gun. 1,468,262; Sept. 18.
Dawson, Baylis M., Brooklyn, assignor to O. Coolican, trustee, New York, N. Y. Carburetor. 1,468,358; Sept. 18.
Dawson, George H., Cambridge, Mass., assignor to Library Bureau. Index-card support. 1,470,257; Oct. 9.
Dawson, George H., Cambridge, Mass., assignor to Library Bureau. Alphabetical divider for card-index systems. 1,475.568: Nov. 27.
Dawson, James, Belt, Mont. Backstop for vehicles. 1,464,410; Aug. 7.
Dawson, James C., Webster Groves, assignor to H. G. Buchan, St. Louis, Mo. Means for securing headed articles in place. 1,467,781; Sept. 11.
Dawson, James G., Portsmouth, Ohio. Tool for inserting springs in distributors. 1,475,001; Nov. 20.
Dawson, Josiah, Philadelphia, Pa. Fusible link. 1,454,848; May 15.
Dawson, Robert K., Guelph, Ontario, Canada. Fitting for revolving chairs and the like. 1,461,602; July 10.
Day, Albert V. T., New Rochelle, N. Y., assignor to The Union Switch & Signal Company, Swissvale, Pa. Traffic-controlling system. 1,458,616; June 12.
Day, Albert V. T., Rye, N. Y., assignor to The Union Switch and Signal Company, Swissvale, Pa. Traffic-controlling system. Re15,671; Aug. 14.
Day, Alfred C., Melbourne, Victoria, Australia. Mechanical movement. 1,460,194; June 26.
Day, Alfred L., Brookline, Mass., assignor to Day Perforator Company. Perforating machine. 1,443,312; Jan. 23.
Day, Charles. (See Donaldson, C., and Day.)
Day, Charley, Cleveland, Ohio. Adjustable window-shade bracket. 1,467,025; Sept. 4.
Day, David T., Washington, D. C. Apparatus for the combined solvent and destructive distillation treatment of shale. 1,447,296; Mar. 6.
Day, David T., Washington, D. C. Combined solvent and destructive distillation treatment of oil containing earthy material. 1,447,297; Mar. 6.
Day, David T., Washington, D. C. Process and apparatus for the extraction of hydrocarbon oils from shale. 1,467,757; Sept. 11.
Day, David T., Washington, D. C. Producing hydrocarbon materials. 1,467,758; Sept. 11.
Day, Edwin W., Brooklyn, N. Y. Luminous indicator. 1,474,816; Nov. 20.
Day, Edwin W. Brooklyn, N. Y., and R. S. A. Dougherty, Washington, D. C.; said Dougherty assignor to J. G. Brewster, Leavenworth, Kans. Self-luminous compass. 1,445,131; Feb. 13.
Day, Emory C., Laguna Beach, Calif. Lighting means for surgical and other purposes. 1,453,006; Apr. 24.
Day, Emory C., Laguna Beach, Calif. Surgical snare. 1,461,864; July 17.
Day, Emory C., Laguna Beach, Calif. Surgical snare and universal handle. 1,461,865; July 17.
Day, Emory C., Laguna Beach, Cal. Universal handle for surgical instruments. 1,470,914; Oct. 16.
Day, George J., Buffalo, N. Y. Oven thermometer. 1,458,168; June 12.
Day, Henry J., and P. J. Walker, Moulsecomb, England. Pipe stand. Des. 63,286; Nov. 20.
Day, Henry L., Minneapolis, Minn. Fireplace. 1,467,474; Sept. 11.
Day, Herbert W. (See Parker, L. H., and Day.)
Day, Herbert W., Wollaston, assignor to Spray Engineering Company, Boston, Mass. Apparatus for applying coating. 1,475,372; Nov. 27.
Day, J. H., Company, The. (See Scott, Joseph F., assignor.)
Day, Jack L., Fresno, Calif. Headlight deflector. 1,445,824; Feb. 20.
Day, Mary A., Toledo, Ohio. Veil holder. 1,475,173; Nov. 27.
Day, Mathew C., Providence, R. I. Separable emblem button. 1,442,606; Jan. 16.
Day Perforator Companay. (See Day, Alfred L., assignor.)
Day, Robert D., U. S. Army. Rifle and hand grenade. 1,448,436; Mar. 13.
Day, Robert G., assignor of one-half to H. M. Mady, Great Falls, Mont. Grade meter. 1,477,545; Dec. 18.
Day, Thomas E., Belleville, N. J., assignor, by mesne assignments, to Hibbard Process Corporation, New York, N. Y. Squeezer. 1,473.610; Nov. 13.
Day, Thomas M., Windfall, Ind. Door check. 1,468,700; Sept. 25.
Day, Wallace. (See Greenstreet, M. L., and Day.)
Day, Wallace E., assignor to F. M. Spencer, doing business under the name of Spencer Elevator Co., San Francisco, Calif. Neutral-position safety control. 1,462,031; July 17.
Day, William A., assignor of one-half to H. V. Saltzgaber, Bellingham, Wash. Hand clamp. 1,470,706; Oct. 16.
Day, William H., East Haven, assignor to Index Visible, Inc., New Haven, Conn. Index or file leaf. 1,446,839; Feb. 27.
Day, William P., assignor to The International Steel Tie Company, Cleveland, Ohio. Method of and means for reconstructing track. 1,478,508; Dec. 25.
Day, William R., Cleveland, Ohio. Piston and piston ring. 1,453,448; May 1.
Daylight Film Corporation. (See John, Robert, assignor.)
Daylor, Philip B., assignor of one-half to C. L. Kepner, Steelton, Pa. Surveyor's instrument. 1,467,424; Sept. 11.
Daymon, Freet A., et al. (See De Loe, Edward G., assignor.)
Daynix, John C., Philadelphia, Pa. Projectile. 1,464,032; Aug. 7.
Dayton, Alton A., Alameda, assignor of one-half to W. H. Stanley, San Francisco, Calif. Form for soft turnover cuffs. 1,446,001; Feb. 20.
Dayton Disc Wheel Company, The. (See Deady, George F., assignor.)
Dayton Engineering Company, The. (See Hunt, John H., assignor.)
Dayton Engineering Laboratories Co., The. (See Kettering, C. F., and Chryst, assignors.)
Dayton Engineering Laboratories Company, The. (See Chryst, William A., assignor.)
Dayton Engineering Laboratories Company, The. (See Hunt, John H., assignor.)
Dayton Engineering Laboratories Company, The. (See Hunt, J. H., and Chryst, assignors.)
Dayton Engineering Laboratories Company, The. (See Kettering, Charles F., assignor.)
Dayton Engineering Laboratories Company, The. (See Riedel, Walter W., assignor.)
Dayton Fan & Motor Company, The. (See Brump, Herbert L., assignor.)
Dayton Hardware Specialty Company, The. (See Hoehn, Edward A., assignor.)
Dayton, James S., Cumberland, Md. Rail-straightening press. 1,457,215; May 29.
Dayton Manufacturing Company, The. (See Daugherty, Chalmer B., assignor.)
Dayton Manufacturing Company, The. (See Eckert, Joseph, assignor.)
Dayton Manufacturing Company, The. (See Wilcke, O. C. F., and Kirby, jr., assignors.)
Dayton Pump & Manufacturing Company, The. (See Pocock, Augustine J., assignor.)
Dayton Rubber Manufacturing Company, The. (See Freedlander, Abraham L., assignor.)
Dayton Scale Company. (See Bryce, James W., assignor.)
Dayton Scale Company. (See Freed, Edward G., assignor.)
Dayton Scale Company. (See Hopkinson, Joseph, assignor.)
Dayton Scale Company. (See Locke, Edward B., assignor.)
Dayton Scale Company. (See Riedel, Charles E., assignor.)
Dayton Steel Foundry Company. (See Walther, G., and Walkley, assignors.)
Dayton Steel Foundry Company, The. (See Walkley, Frank H., assignor.)
Dayton Steel Foundry Company, The. (See Walther, George, assignor.)
Dayton Steel Foundry Company, The. (See Walther, G., and Winters, assignors.)
Dayton Steel Racquet Company, The. (See Larned, William A., assignor.)
Dayton-Wright Company. (See Baumann, Milton C., assignor.)
Dayton-Wright Company. (See Clark, Virginius E., assignor.)
Dayton-Wright Company. (See Jacobs, James M. H., assignor.)
Dazey Manufacturing Company. (See Stuck, William R., assignor.)
Dazey Manufacturing Company, The. (See Stuck, William R., assignor.)
Deach, Miles F., Oakland, Calif. Electric-lamp fixture. 1,449,658; Mar. 27.
Deacon, Edward F., assignor to Gus V. Brecht Butchers' Supply Company, St. Louis, Mo. Sausage stuffer. 1,444,064; Feb. 6.
Deady, George F., assignor, by mesne assignments, to The Dayton Disc Wheel Company, Dayton, Ohio. Vehicle wheel. 1,445,008; Feb. 13.
Deady, George F., assignor to The Dayton Disc Wheel Company, Dayton, Ohio. Vehicle wheel. 1,445,492; Feb. 13.
Deagan, J. C., Inc. (See Little, Frederick B., assignor.)
Deakin, Gerald, London, England, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,444,781; Feb. 13.
Deakins, Grover C., Anaheim, and L. S. Hamer, Fullerton, assignors of one-third to B. D. McAlvay, Anaheim, and one-third to E. C. Wilson, Los Angeles, Calif. Expansible packing drum for pump pistons and the like. 1,468,458; Sept. 18.
Deakins, Grover C., Anaheim, and L. S. Hamer, Fullerton, assignors of one-third to E. C. Wilson, Los Angeles, and one-third to B. D. McAlvay, Anaheim, Calif. Packing for pump pistons and the like. 1,468,459; Sept. 18.

Deal, Fred H., Bridgeton, N. J. Jack. 1,460,229; June 26.
Dean, Ambrose A., Kansas City, Mo. Deck of playing cards. Des. 63,287; Nov. 20.
Dean, Anthony C. (See Winters, Robert E., assignor.)
Dean, James H., Ludington, Mich., assignor to Northwestern Expanded Metal Company, Chicago, Ill. Friction lock nut. 1,474,407; Nov. 20.
Dean, James H., Ludington, Mich., and T. H. Alfreds, Park Ridge, assignors to Northwestern Expanded Metal Company, Chicago, Ill. Machine for making expanded metal. 1,448,109; Mar. 13.
Dean, James M., Fort Worth, Tex. Plow scraper and cleaner. 1,473,143; Nov. 6.
Dean, John S., Edgewood Park, P., assignor to Westinghouse Electric & Manufacturing Co. Brush holder. 1,460,152; June 26.
Dean, John W. (See Williams, H. M., and Dean.)
Dean, Lyndon, Taloga, Okla. Spoke. 1,460,536; July 3.
Dean, Mark, Boonville, N. Y. Vise. 1,469,454; Oct. 2.
Dean, Michael, Webster, Pa. Antiskid device. 1,469,312; Oct. 2.
Dean, Michael, Webster, Pa. Antiskid-chain-securing device. 1,478,323; Dec. 18.
Dean, Reginald S., Cicero, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Fused salt bath for heating steel in hardening. 1,454,214; May 8.
Dean, Ruth L., administratrix. (See Williams, H. M., and Dean.)
Dean, Walter K., Erie, Pa. Packing case. 1,459,017; June 19.
Dean, William F., assignor to Golun Fur Novelty Co., Johnstown, N. Y. Powder puff. 1,471,145; Oct. 16.
Dean, William H. (See Wiwi, Thomas R., assignor.)
Dean, William R., Fort Pierre, S. Dak. Funnel. 1,472,961; Nov. 6.
Dean, William W., Wilmette, Ill., assignor to Efficiency Electric Corporation, New York, N. Y. Electric governing device. 1,441,407; Jan. 9.
Dean, William W., Wilmette, Ill., assignor to Efficiency Electric Corporation, New York, N. Y. Motor governor. 1,456,300; May 22.
Dean, William W., Wilmette, Ill., assignor to Efficiency Electric Corporation, New York, N. Y. Electrical phonograph driving mechanism. 1,469,780; Oct. 9.
Dean, William W., Lowell, Mass., assignor to The Efficiency Electric Corporation, New York, N. Y. Phonograph stop mechanism. 1,471,146; Oct. 16.
Dearborn, Charles A., New York, N. Y. Adjusting means for sewing-machine work supports. 1,448,731; Mar. 20.
Dearborn, Charles A., New York, N. Y. Blindstitch sewing machine. 1,467,570; Sept. 11.
Deardorff, Ralph W., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Carrier telegraph circuits. 1,469,253; Oct. 2.
Deardorff, Ralph W., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Carrier telegraph circuits. 1,469,254; Oct. 2.
Deardorff, Ralph W., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Detecting circuit. 1,474,408; Nov. 20.
Dearholt, John H., Cedar Falls, assignor of one-third to W. O. Wille, Waterloo, Iowa. Twine cutter. 1,445,667; Feb. 20.
De Armond, Walter E., Knoxville, Tenn. Fireplace. 1,461,211; July 10.
Deas, Coon A., assignor to Anderson Motor Company, Rock Hill, S. C. Electrical switch. 1,462,690; July 24.
De Atley, Carroll, assignor to Kegan-Grace Company, Baltimore, Md. Laundry iron. 1,447,535; Mar. 6.
De Bar, George W., Aurora, Iowa. Tool. 1,467,924; Sept. 11.
De Barry, John F., Minneapolis, Minn. Shoe-polishing outfit. 1,443,216; Jan. 23.
De Barthe, Penn. (See Bickel, E. S. R., and De Barthe.)
De Bats, Jean H. L., Whitman, Mass. Bit and making the same. 1,467,266; Sept. 4.
De Bellescize, Henri J. J. M. de R., Toulon, France. Atmospheric-disturbance-reducing means. 1,443,011; Jan 23.
De Béthune, Gaston, Brussels, Belgium. Apparatus for condensing distilled vapors. 1,478,206; Dec. 18.
De Bie, Naomi I., West Medford, Mass. Poultry-plucking device. 1,456,844; May 29.
De Bijll Nachenius, Henri A. J., Haarlem, Netherlands. Braking device for vessels propelled by gas discharged below the water level. 1,442,522; Jan. 16.
De Bijll Nachenius, Henri A. J., Haarlem, Netherlands. Vessel propelled by gas discharged below the water level. 1,475,393; Nov. 27.
De Boer, Ralph, Sheldon, Iowa. Four-horse evener. 1,452,729; Apr. 24.
De Bogory, Eugene, Dallas, Tex. Traffic danger signal. 1,466,333; Aug. 28.
Debongnie, Edouard E., Berchem Ste. Agathe, Belgium. Arched roof made of undulated sheet iron. 1,467,925; Sept. 11.
De Bretteville, Alexander, and G. J. Henry, San Francisco, Calif. Shock absorber. 1,458,278; June 12.
De Brey, Jan H. C., The Hague, Netherlands. Treating of hydrocarbons. 1,465,598; Aug. 21.
De Brey, Jan H. C., The Hague, Netherlands. Treating hydrocarbons. 1,465,599; Aug. 21.
Debrie, André L. V. C., Paris, France. Positive-films-printing machine. 1,463,737; July 31.
De Brown, Peter, Bay City, Mich. Screw driver. 1,450,203; Apr. 3.
De Brun, Frank H., assignor to Mudge & Company, Chicago, Ill. Motor-car transmission control. 1,448,954; Mar. 20.
Debs, Louis H., assignor of one-half to A. Cohn, Chicago, Ill. Clamp for baking pans and the like. 1,470,273; Oct. 9.
Debs, Louis H., assignor of one-half to A. Cohn, Chicago, Ill. Baking pan. 1,470,274; Oct. 9.
Debs, Louis H., assignor of one-half to A. Cohn, Chicago, Ill. Baking pan. 1,477,249; Dec. 11.
De Bus, Louis K. (See Crowe, John M., assignor.)
De Busk, William H., assignor to The P. & M. Company, Chicago, Ill. Rail anchor. 1,476,802; Dec. 11.
De Caigny, Leon, Duluth, Minn. Cable clamp. 1,473,144; Nov. 6.
De Camp, Ellis O., assignor to The Williamson Heater Company, Cincinnati, Ohio. Clothes drier. 1,463,615; July 31.
De Camp, James W. (See Barnes, William, assignor.)
De Camp, Ray E., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control system. 1,442,053; Jan. 16.
De Camp, Roy L., assignor to Baker Iron Works, Los Angeles, Calif. Safety door interlocking switch. 1,446,548; Feb. 27.
Decampo, Ricardo, Buenos Aires, Argentina. Mouthpiece for smoking tobacco. 1,450,359; Apr. 3.
Decatur, Irving C., et al. (See Chase, Henry A., assignor.)
Decaux, Leopold R. (See Gaumont, L., and Decaux.)
De Cazen, Canaan, Montreal, Quebec, Canada. Carbide lamp. 1,443,815; Jan. 30.
De Cesare, Matteo, assignor to The Toy Devices, Inc., Newark, N. J. Sound-emission device. 1,463,008; July 24.
De Cew, Charles A., and W. F. Hirst, Cedar Rapids, Iowa. Band-saw machine. 1,466,090; Aug. 28.
De Cew, Judson A., Mount Vernon, N. Y. Beating engine. 1,444,957; Feb. 13.
De Cew, Judson A., New York, N. Y., assignor to Process Engineers, Inc. Sizing paper. 1,444,956; Feb. 13.
De Cew, Judson A., assignor to Process Engineers, Inc., New York, N. Y. Sizing solution and making the same. 1,464,310; Aug. 7.
Deck, Bert, Winfield, Kans. Separator for feeders. 1,460,314; June 26.
Decker, Alonzo G. (See Black, S. D., and Decker.)
Decker, Ammiel F., Pelham, N. Y. Printer's blanket. 1,464,242. Aug. 7.
Decker, B. V., et al., trustees. (See Stephenson, Leigh J., assignor.)
Decker, Edward E., Elizabeth, N. J. Vent valve for radiators. 1,478,028; Dec. 18.
Decker, Ernest. (See Burg, C. M., Decker, and Le Duc.)
Decker, Frank A., Flager, Colo. Wire-holding device. 1,449,975; Mar. 27.
Decker, Frank L., Kimble, Pa. Building construction. 1,451,144; Apr. 10.
Decker, Hugh L., assignor to The W. G. Nagel Electric Company, Toledo, Ohio. Electric measuring instrument. 1,475,174; Nov. 27.
Decker, Joseph T. (See Hampton, I. M., and Decker.)
Decker, Lemuel B., Kenogami, Quebec, Canada. Recovery apparatus. 1,477,041; Dec. 11.
Decker, Louis J. (See Hampton, I. M., and Decker.)
Decker, Sharp, Commodore, Pa. Explosive cartridge. 1,450,666; Apr. 3.
Decker, William J., Detroit, Mich. Frame. 1,459,146; June 19.
Deckop, Charles J. (See Karge, Maxwell R., assignor.)
De Clairmont, Adolfo, Toledo, Ohio. Combined purse and bill fold. 1,451,205; Apr. 10.
De Clamecy, Philippe. (See Bergestrom, C. O., and de Clamecy.)
De Clamecy, Philippe, Charlestown, Mass., assignor to Corona Typewriter Company, Inc., Groton, N. Y. Typewriting machine. 1,457,730; June 5.
Declaye, Joseph, Liege, Belgium. Gunlock device of small-arms. 1,442,864; Jan. 23.
Declaye, Joseph, Liege, Belgium. Sight for firearms. 1,459,284; June 19.
Declaye, Joseph, Liege, Belgium. Means for securing the barrels of automatic pistols having removable barrels. 1,459,285; June 19.
Declaye, Joseph, Liege, Belgium. Movable breech for automatic pistols. 1,459,286; June 19.
De Coninck, Marcel, Le Havre, France. Multiple-blade helicoidal propeller. 1,441,788; Jan. 9.
De Coninck, Marcel, Le Havre, France. Flexible gearing. 1,460,661; July 3.
Decorative Arts League. (See Bishop, Mary E., assignor.)
Decorative Arts League. (See Macdonald, Angus S., assignor.)
Decorative Arts League. (See Muller, John, assignor.)
Decorative Arts League. (See Muller, O. P., and Popoff, assignors.)

De Correvont, Howard P. (See Wyckoff, A. D., and de Correvont.)
Dedering, Fred P., Kiel, Wis. Tractor hitch. 1,453,383; May 1.
Dedic, Charles, Chippewa Falls, Wis. Artificial hand. 1,465,933; Aug. 28.
De Dietrich & Cie. (See de Dietrich, Frédéric, assignor.)
De Dietrich, Frédéric, Paris, assignor to de Dietrich & Cie., Niederbronn-les-Bains, Bas-Rhin, France. Stirring apparatus. 1,464,150; Aug. 7.
Dedmond, William E., et al. (See Dubuc, A., and Carricaburu, assignors.)
Dee, John, San Francisco, Calif. Gold separator. 1,448,995; Mar. 20.
Dee, William E., Company. (See Furmidge, Samuel, assignor.)
Deeks, Hiram C. J., Sea Cliff, N. Y. Producing printing surfaces. 1,477,866; Dec. 18.
Deeks, Hiram C. J., Sea Cliff, N. Y., and M. Deeks, Rochelle Park, N. J., assignors to J. Deeks, Sea Cliff, N. Y. Method of and apparatus for forming concrete structures. 1,453,707; May 1.
Deeks, Hugh A., Toronto, Ontario, Canada. Gasoline filter. 1,456,883; May 29.
Deeks, Joseph. (See Deeks, Hiram C. J. and M., assignors.)
Deeks, Maurice. (See Deeks, Hiram C. J. and M.)
De Elroza, José, Madrid, Spain. Flaming advertisement. 1,458.526; June 12.
Deely, Harold P., Waterbury, Conn. Swivel block. 1,476,696; Dec. 11.
Deenihan, James, Redondo Beach, Calif. Electrically-heated ice cutter. 1,477,631; Dec. 18.
Deep Well Engineering Company, The. (See Brandon, Arthur H., assignor.)
Deer, A. J., Company, The. (See Hand, E. A., and Wygant, assignors.)
Deer, A. J., Company, The. (See Prims, Joseph C., assignor.)
Deere & Company. (See Brown, Theophilus, assignor.)
Deere & Company. (See Dain, Joseph, assignor.)
Deere & Company. (See Hanneman, Richard E., assignor.)
Deere & Company. (See McKahin, Herbert B., assignor.)
Deere and Company. (See Mixter, G. W., and Holstein, assignors.)
Deere & Company. (See Neighbour, Leonard B., assignor.)
Deere & Company. (See Paul, Wesley A., assignor.)
Deere & Company. (See Paul, William L., assignor.)
Deere & Company. (See Seaholm, John P., assignor.)
Deere & Company. (See Silver, Walter H., assignor.)
Deere and Company. (See Sklovsky, Max, assignor.)
Deere and Company. (See Strandlund, Carl G., assignor.)
Deere & Company. (See Welker, Henry C., assignor.)
Deere & Company. (See White, Charles E., assignor.)
Deere & Company. (See White, Charles H., assignor.)
Deere & Company. (See Wilson, Frederick D., assignor.)
Deering, Adibert C. (See Hall, B., and Deering.)
Deering, Edmund R., New York, N. Y. Horological instrument. 1,467,926; Sept. 11.
De Escobales, Hilarion, Brooklyn, assignor to H. Escobales Co. Inc., New York, N. Y. Sheet-feeding mechanism. 1,441,271; Jan. 9.
De Escobales, Hilarion, assignor to H. Escobales Co. Inc., New York, N. Y. Package structure and making the same. 1,458,977; June 19.
De Escobales, Hilarion, Brooklyn, assignor to H. Escobales Co. Inc., New York, N. Y. Cigarette-pouch-packaging mechanism. 1,462,326; July 17.
De Escobales, Hilarion, Brooklyn, assignor to H. Escobales Co. Inc., New York, N. Y. Cigarette-pouch-packaging mechanism. 1,462,327; July 17.
De Escobales, Hilario, Staten Island, assignor to H. Escobales Co., Inc., New York, N. Y. Wrapping machine. 1,466,814; Sept. 4.
De Esparza, Timoteo R., Calexico, Calif. Water motor. 1,447,764; Mar. 6.
Deetrick, James W., executor. (See Hill, Benjamin.)
De Fernelmont, Leon, Paterson, N. J. Tire tool. 1,452,596; Apr. 24.
Defiance Button Machine Co. (See Murphy, William B., assignor.)
Defiance Button Co. (See Styles, Joseph H., assignor.)
Defibaugh, Mark A., assignor to H. B. Sherman Manufacturing Co., Battle Creek, Mich. Electric-motor terminal connection. 1,471,834; Oct. 23.
Defordt, Jules F., Ixelles, Brussels, Belgium. Free-wheel clutch. 1,443,248; Jan. 23.
De Forest, Lee, New York, N. Y. Sound-controlled means for producing light variations. 1,442,426; Jan. 16.
De Forest, Lee, New York, N. Y. Endless sound record and mechanism therefor. 1,442,682; Jan. 16.
De Forest, Lee, New York, N. Y. Means for recording and reproducing sound. 1,446,246; Feb. 20.
De Forest, Lee, New York, N. Y. Light-controlling means. 1,446,247; Feb. 20.
De Forest, Lee, New York, N. Y. Telephone device. 1,452,827; Apr. 24.
De Forest, Lee, New York, N. Y. Radio receiving system. 1,478,029; Dec. 18.
De Forest, Lee, assignor to De Forest Radio Telephone and Telegraph Company, New York, N. Y. Means for transforming mechanical vibrations into electrical vibrations. Re. 15,540; Feb. 13.
De Forest, Lee, New York, N. Y., assignor, by mesne assignments, to De Forest Phonofilm Corporation, Jersey City, N. J. Method of and means for controlling electric currents by and in accordance with light variation. 1,466,701; Sept. 4.
De Forest Phonofilm Corporation. (See De Forest, Lee, assignor.)
De Forest Radio Telephone & Telegraph Company. (See Bradford, James L., assignor.)
De Forest Radio Telephone and Telegraph Company. (See De Forest, Lee, assignor.)
De Forest Radio Telephone & Telegraph Company. (See Logwood, Charles V., assignor.)
De France, Murrell R. (See McIntyre, G. L., assignor.)
De Francisco, Marshall. (See Holbrook, J. K., and De Francisco.)
Defrancisco, Sebastiano. (See Martire, V., Defrancisco, Messino, and Lombardo.)
De Fries, Alfred, Kassel, Germany. Machine for the working of screw bolts and other cylindrical or prismatic pieces. 1,448,832; Mar. 20.
Degen, Frederick I., Schenectady, N. Y., assignor to General Electric Company. Governing mechanism. 1,449,736; Mar. 27.
Degen, Lewis, Berkeley, Calif. Noninterfering signal device. 1,462,085; July 17.
Degendorfer, John, San Francisco, Calif. Agricultural fork. 1,462,787; July 24.
Degheri, Theresa M. (now by marriage T. M. O'Toole), Hoboken, N. J. Educational and amusement device. 1,477,322; Dec. 11.
De Giglio, Gaetano, Turin, Italy. Calculating machine. 1,477,116; Dec. 11.
De Glopper, John, assignor to Federal Stamping Company, Holland, Mich. Metal and eye member connection. 1,458,132; June 12.
Degner, George C., Long Beach, Calif. Traffic regulator. 1,462,266; July 17.
De Gowin, Isaac, assignor to The Seamless Rubber Company, Inc., New Haven, Conn. Appliance for covering balls. 1,446,885; Feb. 27.
De Graaf, Cornelis, jr., and E. Burman, assignors to Maatschappij tot Vervaardiging van Snijmachines volgens "Van Berkel's Patent" en van andere Werktuigen, Rotterdam, Netherlands. Weighing apparatus. 1,475,547; Nov. 27.
De Graff, Judson C., Harrisville, N. Y. Cotter-pin puller. 1,476,695; Dec. 11.
De Graaf, Nic H., Middletown, N. Y. Making cocoa products. 1,447,013; Feb. 27.
De Grasse, George F., Brooklyn, N. Y. Clothes drier. 1,471,328; Oct. 23.
De Grave, Michael J., Chicago, Ill. Clamping device. 1,457,150; May 29.
Degrenier, Octave, assignor to American Optical Company, Southbridge, Mass. Cutter. 1,456,672; May 29.
Deguide, Camille, Enghien, France. Manufacture of alkali-metal silicates. 1,463,037; July 24.
De Guire, Georges A., Montreal, Quebec, Canada. Mixing chamber for fluid-fuel burners. 1,460,369; July 3.
Dehn, William H., Cleveland, Ohio. Waste control for basins. 1,462,853; July 24.
Dehn, William M., Seattle, Wash. Impregnating plant tissues with ammonium nitrate for explosive purposes. 1,444,594; Feb. 6.
Dehn, William M., Seattle, Wash. Manufacturing diazodinitrophenol. 1,460,708; July 3.
Dehn, William M., Seattle, Wash. Manufacturing ammonium picramate. 1,472,791; Nov. 6.
Dehnel, Erich. (See Bosch, C., Dehnel, and Kircher.)
De Holczer, Louis, assignor to E. A. Tinsman, Salem, Ohio. Automobile tire. Des. 63,299; Nov. 20.
De Hooydonck, Henry, Biarritz, France. Wheel with improved pneumatic tire for motor vehicles. 1,452,795; Apr. 24.
Dehouck, Joseph, Thielt, Belgium. Aeroplane assuring automatically the lateral and longitudinal stability. 1,452,071; Apr. 17.
Deibert, Walter C., Clifton Forge, Va. Hose clamp. 1,448,615; Mar. 13.
Deichmann, Albert. (See Heise, Wilhelm, assignor.)
Dein, George H., Woodhaven, N. Y. Suspension spring for automobiles. 1,456,483; May 22.
Deisch, Noel J., Brookland, assignor of one-half to L. H. Cleary, Washington, D. C. Tabular calculator. 1,441,914; Jan. 9.
Deiss, William C., Brooklyn, N. Y. Mothproof chest. 1,467,268; Sept. 4.
Deister Concentrator Company. (See Reiff, Carl F., assignor.)
Deitz, Frank W., Cleveland, Ohio. Adjustable spacing tool. 1,452,828; Apr. 24.
De Jong, Conrad C., Wessington Springs, S. Dak. Scoop. 1,462,328; July 17.
De Jongh, Bernardus P. J., Breda, Netherlands. Apparatus for sharpening razors. 1,459,617; June 19.
De Khotinsky, Achilles, assignor to Central Scientific Company, Chicago, Ill. Electric heater. 1,459,049; June 19.
Dekle, Julian A. (See Hooker, James E., assignor.)

DeKoff, George, Chicago, Ill. Cuff button. 1,441,624; Jan. 9.
Dekoff, George, Chicago, Ill. Elastic band. 1,467,235; Sept. 4.
De La Barre, Cecelia, Minneapolis, Minn. Culinary stirring device. 1,477,653; Dec. 18.
De Lacy, Thomas H., Trenton, N. J. Hosiery form. 1,450,913; Apr. 10.
Delafond, Elie, Habana, Cuba. Recovery of sugar from sugar-cane mud. 1,476,152; Dec. 4.
Delafond, Elie, Habana, Cuba. Crystallization of sugar. 1,476,153; Dec. 4.
Delafons, Thomas E. (See Bugler, A. V., and Delafons.)
Delage, Gustave, Paris, assignor to Societe Anonyme des Etablissements Nieuport, Issy-les-Moulineaux, Seine, France. Method permitting to regulate and adjust the dynamic characteristics of surfaces moving through a fluid. 1,457,507; June 5.
Delahaye, Herman, Destelbergen, near Ghent, Belgium. Manufacturing viscose with a view to the manufacture of artificial silk and like products not liable to lose their resistance by contact with water. 1,470,711; Oct. 16.
De La Mare, Thomas, Tooele, Utah. Device for water distribution. 1,448,262; Mar. 13.
De La Mare, Thomas, Tooele, Utah. Culvert. 1,452,796; Apr. 24.
De La Mare, Thomas, Tooele, Utah. Concrete mold or form. 1,456,539; May 29.
De La Mare, Thomas, Tooele, Utah. Culvert mold. 1,461,973; July 17.
De La Mare, Thomas, Tooele, Utah. Mold. 1,465,350; Aug. 21.
De Lan, Eugene A., assignor to Shenango Pottery Co., New Castle, Pa. Plaque. Des. 63,397; Dec. 4.
De Land, Daniel B., Fairport, assignor to American Can Company, New York, N. Y. Key-opening can. 1,451,869; Apr. 17.
De Laney, Dora B., Oklahoma, Okla. Marking attachment for shears. 1,446,380; Feb. 20.
De Laney, Frank L. (See De Laney, James C. and F. L.)
De Laney, James C. and F. L., Portersville, Calif. Automatic controller for motors. 1,461,268; July 10.
Delaney, John H., San Francisco, Calif. Producing vermiculated work. 1,468,343; Sept. 18.
Delaney, Thomas W., St. Paul, Minn. Pump piston. 1,462,445; July 17.
Delano, James K., New York, N. Y. Engine-starting system. 1,455,717; May 15.
Delano, James K., New York, N. Y. Sound recording and reproducing apparatus. 1,459,088; June 19.
Delano, James K., Yonkers, N. Y. Gear drive. 1,459,948; June 26.
Delanoy, Frederick W., Alameda, Calif. Liquid measuring and dispensing apparatus. 1,467,425; Sept. 11.
Delany, James H., San Jose, Calif. Manufacture of heat-insulating articles. 1,464,698; Aug. 14.
De la Rigaudiere, Guy, assignor to The Traveler Rubber Company of Bethlehem, U. S. A., Bethlehem, Pa. Tire. Des. 63,322; Nov. 20.
Delarmi, Rocco, New York, N. Y. Egg tray. Des. 63,253; Nov. 13.
De Lateur, Alphonse J., assignor to Raymond Veneer Company, Raymond, Wash. Stacking machine. 1,444,595; Feb. 6.
De Launty, Oliver M., Chicago, Ill. Two-cycle gas engine. 1,453,449; May 1.
De Laval Separator Company, The. (See Hall, Selden H., assignor.)
De Laval Separator Company, The. (See Hapgood, Cyrus H., assignor.)
De Laval Separator Company, The. (See Hapgood, C. H., and Mayno, assignors.)
De Laval Separator Company, The. (See Leitch, Meredith, assignor.)
De Laval Separator Company, The. (See Miller, Theodore H., assignor.)
De Laval Steam Turbine Company. (See Peterson, Arvid, assignor.)
De Lavaud, Dimitri S., New York, N. Y. Superheating furnace especially for rotary-cast pipe. 1,467,236; Sept. 4.
Delbare, Hector E., Chicago, Ill. Means for extinguishing fire. 1,453,091; Apr. 24.
Delbon, Frank G., Brooklyn, N. Y. Shoe heel. Des. 62,321; May 8.
Delbon, Frank G., Brooklyn, N. Y. Shoe last. 1,475,690; Nov. 27.
Delbridge, Edward J., Hatch, Idaho. Hitching and tethering device. 1,456,627; May 29.
Del Castillo, Jose F. (See Diaz, Antonio, assignor.)
Delco-Light Company. (See Bechtold, R. E., and Mellowes, assignors.)
Delco-Light Company. (See Hunt, John H., assignor.)
Delco-Light Company. (See Keilholtz, Lester S., assignor.)
Delco-Light Company. (See Kettering, Charles F., assignor.)
Delco-Light Company. (See Lee, Ralph L., assignor.)
Delco-Light Company. (See McCuen, Charles L., assignor.)
Delco-Light Company. (See Tibbetts, Milton, assignor.)
Delehanty, Edward J., Albany, N. Y. Material mixer. 1,467,237; Sept. 4.
De Leon, Emilio, Remedios, Cuba. Automatic train stop. 1,463,679; July 31.
De Lewis, Andrew A. (See Barton, W. A., and De Lewis.)
Delgado, Juan O., El Paso, Tex. Shock absorber for motor vehicles. 1,453,785; May 1.
De Lipski, Nicolas V. (See Phillips, E. H., and De Lipski.)
De Lipski, Nicolas V., assignor of one-half to E. H. Phillips, New York, N. Y. Colored article. 1,462,536; July 24.
De Lipski, Nicolas V., assignor of one-half to E. H. Phillips, New York, N. Y. Changeable scenic effect. 1,462,537; July 24.
Dell, Arthur V., Dunboyne, Ontario, Canada. Egg case. 1,441,722; Jan. 9.
Della, Ernest, Rochester, N. Y. Concrete insert. 1,474,956; Nov. 20.
Della Torre, Pasquale. (See Torre, Pasquale Della.)
Dellinger, Abraham M., Lancaster, Pa. Feed mill. 1,465,074; Aug. 14.
Dellinger, Martin C. (See Kulp, H. W., and Dellinger.)
Dellman, Alexander, Mount Clemens, Mich. Fountain soldering tool. 1,457,508; June 5.
Delmonaco, Michael A. S., Cincinnati, Ohio. Tailor's drafting device. 1,445,301; Feb. 13.
Delmore Manufacturing Co. Inc. (See Billings, Cecil M., assignor.)
Deloatch, Essex, Philadelphia, Pa. Motor-control system for self-serving tables. 1,466,890; Sept. 4.
De Loe, Edward G., assignor of one-half to G. W. Longbrake, one-sixth to O. L. Longbrake, and one-third to F. A. Daymon, Cleveland, Ohio. Snubber. 1,463,876; Aug. 7.
Delohery, James. (See Grover, George, assignor.)
De Long, Charles E., Springfield, Ill. Truing jewel settings. 1,469,500; Oct. 2.
De Long, Edward R. (See Wood, C. D., and De Long.)
De Long Hook and Eye Company, The. (See Upham, Gilbert R., assignor.)
De Long, Julius, Lake Mahopac, N. Y. Insulating material. 1,442,325; Jan. 16.
De Long, Julius, Lake Mahopac, N. Y. Insulating material and manufacturing same. 1,442,326; Jan. 16.
De Long, Julius, Lake Mahopac, N. Y. Insulating material and manufacturing same. 1,442,327; Jan. 16.
De Long, Julius, Lake Mahopac, N. Y. Insulating material and manufacturing same. 1,442,328; Jan. 16.
Delong, Nelson M., Washington, D. C. Hydropneumatic device. 1,455,718; May 15.
Delorme, Alfred, Springfield, Mass. Fracture apparatus. 1,442,711; Jan. 16.
De los Monteros, Jorge Espinosa, Madrid, Spain. Leak-closing device for ships. 1,469,624; Oct. 2.
De los Santos, Raul, Buenos Aires, Argentina. Composition for the manufacture of boxes, cases, and the like. 1,464,588; Aug. 14.
De Lotto, Joseph, Cleveland, Ohio. Runner attachment. 1,465,463; Aug. 21.
Delph, Albert E., Wokingham, England, assignor to Courtaulds Limited, London, England. Manufacture of carbon bisulphide. 1,454,708; May 8.
Delporte, Henri, assignor to Société Anonyme Ougrée-Marihaye, Ougree, Belgium. Skip. 1,465,512; Aug. 21.
Delta-Star Electric Company. (See Van Etten, Frank C., assignor.)
Del Turco, Louis, Newark, N. J. Terrazzo flooring and laying terrazzo. Re. 15,535; Feb. 6.
De Luca, Diego, Cotrone, Italy. Electric furnace. 1,442,925; Jan. 23.
De Luca, Frank, Bowdens, N. C. Pen or pencil attachment. 1,456,786; May 29.
De Luca, Joseph B., Philadelphia, Pa. Railway-crossing signal. 1,461,180; July 10.
De Luca, Peter C., and M. L. Insogna, Dorchester, assignors to Corona Machine Company, Malden, Mass. Fruit crusher. 1,462,801; July 24.
De Luchi, Frank W., Oakland, Calif. Electric heater. 1,444,958; Feb. 13.
De Luiz, Edward R., assignor to Kelvinator Corporation, Detroit, Mich. Expansion valve. 1,455,430; May 15.
De Lukacsevics, Charles, Newark, N. J., and J. J. Wittal, assignors, by mesne assignments, to J. Winter, New York, N. Y. Carburetor. 1,454,730; May 8.
De Luxe Brush Company, The. (See Heinitsh, W. W., Shalkop, and Lauterbach, assignors.)
De Luxe Brush Company, The. (See Lauterbach, Alexander B., assignor.)
De Maecker, Edmond, Irondequoit, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y. Press guard. 1,444,336; Feb. 6.
De Maine, Ernest M., Alexandria, Va. Recoil-controlling device. 1,469,918; Oct. 9.
Demarest, Charles S., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Transmission-controlling apparatus. 1,444,830; Feb. 13.
Demarest, Charles S., and O. H. Loynes, Woodridge, N. J., assignors to American Telephone and Telegraph Company. Repeater-control arrangement. 1,464,563; Aug. 14.
Demarest, John, Buffalo, N. Y. Heater for buildings. 1,449,384; Mar. 27.

Demars, Joseph H. (See Mills, G. T., and Demars.)
De Martel, Thierry J. F. M., Paris, France. Ecraseur for the stomach and intestines. 1,442,778; Jan. 16.
De Martilly, Edouard H. M. J. J., Paris, France. Extensible lamp-shade frame. 1,447,284; Mar. 6.
De Martini, John W. (See De Martini, Joseph S., and J. W.)
De Martini, Joseph S. and J. W., San Francisco, Calif. Automobile bumper. 1,459,323; June 19.
De Matteis, Alfredo, New York, N. Y. Automatic toaster. 1,473,213; Nov. 6.
De Matteo, Lewis, assignor to Durand & Company, Newark, N. J. Cigar cutter. 1,454,994; May 15.
De Mattia, Barthold. (See de Mattia, Peter and B.)
De Mattia, Barthold, Clifton, N. J. Machine for building cylindrical tire blanks. 1,442,653; Jan. 16.
De Mattia, Barthold, Clifton, N. J. Machine for forming pneumatic tires. 1,456,425; May 22.
De Mattia, Barthold, Clifton, N. J. Pedal pad. 1,474,320; Nov. 13.
De Mattia, Peter, Clifton, N. J. Grinding machine. 1,474,321; Nov. 13.
De Mattia, Peter, Clifton, N. J. Collapsible core. 1,475,109; Nov. 20.
De Mattia, Peter and B., Clifton, N. J. Core and chuck. 1,456,426; May 22.
Dement, Robert R., Hamilton, Ohio. Ink composition. 1,471,884; Oct. 23.
Demers, Honore, Manchester, N. H. Compression-relieving mechanism for internal-combustion engines. 1,459,906; June 26.
Demers, Napoleon, East Sherbrooke, Quebec, Canada. Apparatus for sandpapering flanged spools. 1,444,668; Feb. 6.
De Meurisse, Alfred, New York, N. Y. Display device. 1,467,140; Sept. 4.
Deming, Barton R. (See Yates, W. G., and Fatscher, assignors.)
Deming Company, The. (See Vincent, Elbert S., assignor.)
Deming & Gould Company. (See Malmquist, Adolph K., assignor.)
Deming, Robert, Cleveland, Ohio. Tractor hitch. 1,466,274; Aug. 28.
De Minico, Frank, assignor to Pollard-Alling Manufacturing Company, New York, N. Y. Printing plate. 1,476,803; Dec. 11.
De Minico, Frank, assignor to Pollard-Alling Manufacturing Company, New York, N. Y. Typographic embossing machine. 1,478,030; Dec. 18.
Demke, Harry F. (See Meyers, L. W., and Demke.)
Demmler, Paul E., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Varnish film for insulating purposes. 1,440,448; Jan. 2.
Demmler, Paul E., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Condenser and making the same. 1,467,776; Sept. 11.
Demmler, Paul E., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Condenser and making the same. 1,467,777; Sept. 11.
Demmler, Paul E., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Cleaning apparatus. 1,470,712; Oct. 16.
De Mole, Lancelot E., Sydney, New South Wales, Australia. Differential or balance gear. 1,448,056; Mar. 13.
De Monge, Louis, Paris, France. Propeller. 1,460,230; June 26.
Demongeot, Marcel A., deceased, Paris, France; J. Neadle, administrator. Manufacture of articles of glass and the like. 1,465,545; Aug. 21.
De Montmollin, Guillaume, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of intermediate products and new dyestuffs derived from diarylsulphones. 1,467,711; Sept. 11.
De Montmollin, Guillaume, and J. Spieler, assignors to Society of Chemical Industry of Basle, Basel, Switzerland. Carbonyl derivatives of alpha naphthol and making same. 1,474,928; Nov. 20.
De Montmollin, Guillaume, G. Bonhôte, and J. Spieler, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Azo dyestuffs and the manufacture of same. 1,453,660; May 1.
De Montmollin, Guillaume, J. Spieler, and G. Bonhôte, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Intermediate product for the manufacture of dyestuffs and making same. 1,453,659; May 1.
De Montmollin, Guillaume, J. Spieler, and G. Bonhôte, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Dyestuffs of the triarylmethane series and making same. 1,460,315; June 26.
De Moos, Charles, Fort Lee, N. J., assignor to Eastman Kodak Company, Rochester, N. Y. Fluid-treating apparatus for films. 1,461,794; July 17.
De Moos, Charles, Fort Lee, N. J., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic-film-treating apparatus. 1,467,106; Sept. 4.
De Moulin, Ulysses S., Greenville, Ill. Initiation device. 1,455,113; May 15.
Dempsey, James T., New Bedford, Mass. Tube expander. 1,467,238; Sept. 4.
Dempsey, Joseph E., Acme, Okla. Gate valve. 1,458,644; June 12.
Dempsey, Joseph W., Lansing, Iowa. Gas and liquid contact device. 1,477,546; Dec. 18.
Dempsey, Thomas G., New York, N. Y. Mixer. 1,459,657; June 19.
Demuth, Alfred M., Chicago, Ill. Receptacle for removing liquids from vessels. 1,471,475; Oct. 23.
Demuth, Alfred M., Chicago, Ill. Receptacle for removing liquids from vessels. 1,471,476; Oct. 23.
Demuth, Alfred M., Chicago, Ill. Meat shaper and preserver. 1,477,548; Dec. 18.
Demuth, Alfred M., Chicago, Ill. Cooking apparatus. 1,467,141; Sept. 4.
Demuth, Alfred M., assignor to Demuth Manufacturing Company, Chicago, Ill. Cooking apparatus. 1,448,916; Mar. 20.
De Muth, John N. (See Vollmer, W. F., and De Muth.)
Demuth, Luther B., New Philadelphia, Ohio. Irrigating device. 1,473,087; Nov. 6.
Demuth Manufacturing Company. (See Demuth, Alfred M., assignor.)
Denault, Rudolph, Brooklyn, N. Y. Antiskid device for vehicle wheels. 1,466,995; Sept. 4.
Denayer, Auguste, Brussels, Belgium. Combination lock. 1,472,409; Oct. 30.
Den Besten, Gerrit. (See Hulsebos, A. B., and Den Besten.)
De Neergaard, Elna M., New York, N. Y. Loom. 1,445,493; Feb. 13.
Denehie, William A., Los Angeles, Calif. Removable-body mechanism for trucks. 1,448,057; Mar. 13.
Denemark, Jacob, Trenton, N. J. Stitching mechanism for hat brims. 1,462,168; July 17.
Denemark, Jacob, Trenton, N. J. Seam-pressing machine. 1,477,547; Dec. 18.
Denholm, William J., et al., trustees. (See Hill, Ernst V., assignor.)
Denis, Alfred, Montreal, Quebec, Canada. Transplanter. 1,442,607; Jan. 16.
Denis, Charles A., et al. (See Dominguez, Manuel D., assignor.)
Denis, William E., New Haven, Conn. Repeating drip-pan alarm. 1,464,752; Aug. 14.
De Nise, George R., Rochester, Minn. Tooth holder. 1,457,824; June 5.
Denison, Earl J., New York, N. Y. Film reel. 1,466,275; Aug. 28.
Denison, Frederick S., assignor to Minneapolis Heat Regulator Company, Minneapolis, Minn. Switch mechanism. 1,458,749; June 12.
Denison, George W., Bay Village, Ohio. Method of and apparatus for mixing materials. 1,462,485; July 24.
Denison, J. F. (See Allen, Neal, assignor.)
De Nisson, Alfred G., Seattle, Wash. Piston ring 1,449,939; Mar. 27.
Denize, Angus J., Cabbage Bay, Coromandel, New Zealand Device for use in emptying benzine and like tins. 1,448,732; Mar. 20.
Denk, Emil S., St. Louis, Mo. Marking enameled ware. 1,473,903; Nov. 13.
Denman, Ambrose J., and A. E. Causey, Delhart, Tex. Refrigerator-car protective device. 1,454,883; May 15.
Denman-Jones, Adrian, Holloway, London, England. Motor-car heating. 1,441,486; Jan. 9.
Denman, Walter R., Cleveland, Ohio. Tire. Des. 63,457; Dec. 11.
Denman, Walter R., Cleveland, Ohio. Tire. Des. 63,458; Dec. 11.
Denmire, Harold A., assignor of one-half to The General Tire & Rubber Company, Akron, Ohio. Collapsible tire core. 1,454,995; May 15.
Denmire, Harold A., assignor of one-half to The General Tire and Rubber Company, Akron, Ohio. Collapsible-tire core. 1,467,142; Sept. 4.
Denmire, Harold A., assignor to The General Tire and Rubber Company, Akron, Ohio. Fabric-ring stretching and applying device. 1,467,143; Sept. 4.
Denmire, Harold A., assignor to The General Tire and Rubber Company, Akron, Ohio. Box-making machine. 1,476,954; Dec. 11.
Dennard, Sanders A., Eastport, Fla. Lathe boring tool. 1,441,562; Jan. 9.
Dennen, Philip H., assignor of thirty-nine one-hundredths to T. F. Lynch and ten one-hundredths to W. R. Lynch, Denver, Colo. Collapsible baby carriage. 1,470,151; Oct. 9.
Denney, Guy C., Hinsdale, Ill., assignor to American Arch Company. Fire-box-arch construction. 1,456,628; May 29.
Denney, Guy C., Hinsdale, Ill., assignor to American Arch Company. Arch brick. 1,463,156; July 31.
Denney, William H., South Orange, N. J. Vanity case. 1,460,950; July 3.
Denning, David, Marlin, Tex. Cot-retaining device for ambulances. 1,477,815; Dec. 18.
Dennis, Alfred A., Grand Rapids, Mich. Sound box. 1,459,577; June 19.
Dennis, Charles F., Cleveland, Ohio, assignor to The J. G. Brill Company, Philadelphia, Pa. Construction of vehicle roofs. 1,462,329; July 17.
Dennis, Clark M., Montclair, N. J., assignor to The Barrett Company. Production of resin. 1,468,440; Sept. 18.
Dennis, George E., Waukesha, Wis. Shock absorber. 1,456,367; May 22.

Dennis, George E., Waukesha, Wis. Radius-rod shock absorber. 1,456,368; May 22.
Dennis, Gibbons J., Kiefer, Okla. Clamp. 1,451,091; Apr. 10.
Dennis, Gibbons J., Kiefer, Okla. Clamp for tanks. 1,474,243; Nov. 13.
Dennis, James W. (See Titus, K. M., and Dennis.)
Dennis, Oliver C. (See Juline, Arthur, assignor.)
Dennis, Samuel K., Chicago, Ill., assignor to International Harvester Company. Land packer. 1,477,323; Dec. 11.
Dennis, Samuel K., Chicago, Ill., assignor to International Harvester Corporation. Cultivator-beam coupling. 1,477,324; Dec. 11.
Dennis, William J., Chicago, Ill. Mop holder. 1,464,500; Aug. 14.
Dennison, Lawrence, Brookfield, assignor to General Can Company, Chicago, Ill. Sanitary can-closing machine. 1,454,375; May 8.
Dennison Manufacturing Company. (See Macdaid, James J., jr., assignor.)
Dennison Manufacturing Company. (See Scott, Henry F., assignor.)
Dennon, Purly A., Grand Island, Nebr. Air washing and cooling apparatus. 1,453,494; May 1.
Denny, Benjamin, and M. Kaufman, New York, N. Y. Kneeling stool. 1,457,567; June 5.
Denny, Frank E., Los Angeles, Calif., dedicated, by mesne assignments, to the citizens of the United States. Coloring citrous fruits. 1,475,938; Dec. 4.
Denny, James J., and R. B. Watson, Cobalt, Ontario, Canada. Rotary pulverizer. 1,470,597; Oct. 16.
De Nobili, Fannie P., executrix. (See De Nobili, Frank P.)
De Nobili, Frank P., deceased, by F. P. De Nobili, Los Angeles, Calif., executrix. Parcel box. 1,443,313; Jan. 23.
Denominator Adding Machine Co., The. (See Cook, W. A., and Levine, assignors.)
De Normanville, Edgar J., London, England. Transmission gear of motor road vehicles. 1,447,837; Mar. 6.
De Normanville, Samuel A. (See Kent, L. H., and de Normanville.)
Denoyer-Geppert Co. (See Denoyer, Levinus P., assignor.)
Denoyer, Levinus P., assignor to Denoyer-Geppert Co., Chicago, Ill. Lecturer's chart. 1,464,753; Aug. 14.
Densmore, Albert A., Boston, Mass. Power-transmission mechanism. 1,459,578; June 19.
Densmore, Fred R., and C. H. Kessler, Erie, Pa. Toy. 1,473,214; Nov. 6.
Dent Auto Equipment Company. (See Dent, Herbert A., assignor.)
Dent, George H., Montgomery, Ala. Combined bottle-vending machine and refrigerator. 1,446,381; Feb. 20.
Dent, Herbert A., assignor to Dent Auto Equipment Company, Chicago, Ill. Automobile radiator cap. Des. 62,711; July 24.
Dent, William H., Bergenfield, N. J., assignor to The Anthony Company, Long Island City, N. Y. Valve. 1,449,590; Mar. 27.
Dentabrush Company. (See Davis, Lawrence C., assignor.)
Dental Products Company. (See Shearer, William L., assignor.)
Dentists' Supply Company, The. (See Clapp, George W., assignor.)
Dentists' Supply Company, The. (See Williams, James L., assignor.)
Denton, Benjamin A., Morganton, N. C. Handle. 1,470,152; Oct. 9.
Dentten, Walter E., Milwaukee, Wis. Shoe last. 1,452,237; Apr. 17.
Denver Rock Drill Manufacturing Company. (See Skaer, A. H., Barker and Clark, assignors.)
Denver Rock Drill Manufacturing Company, The. (See Clark, Omar E., assignor.)
Denver Rock Drill Manufacturing Company, The. (See Hoskin, William, assignor.)
Denver Rock Drill Manufacturing Company, The. (See Scheib, Peter, assignor.)
Denver Rock Drill Manufacturing Company, The. (See Scheib, Peter H., assignor.)
Denver Rock Drill Manufacturing Company, The. (See Smith, William A., assignor.)
De Olaneta, Harold, assignor to Winchester Repeating Arms Company, New Haven, Conn. Purification of manganiferous material. 1,448,110; Mar. 13.
De Olaneta, Harold, assignor to Winchester Repeating Arms Company, New Haven, Conn. Dry cell. 1,470,915; Oct. 16.
De Olive, Pierce D., Oakhurst, Tex. Resilient wheel. 1,474,664; Nov. 20.
De Orlow, Stephen, assignor of one-half to H. J. Ulbrich, Detroit, Mich. Skate. 1,475,224; Nov. 27.
De Ortigao Burnay, Manoel. (See Roquette, José C. F., assignor.)
De Pars, William M., Paterson, N. J. Tobacco pipe. 1,476,955; Mar. 11.
De Pew, Clarence E., Springfield, Ill. Collapsible silent-bidding auction easel. 1,469,212; Oct. 2.
Depew, Harold. (See Pelletier, Henry E., assignor.)
Depew, William F., Bowmanville, Ontario, Canada. Net-pulling machine. 1,461,141; July 10.
De Pfyffer, Paul, Kelowna, British Columbia, Canada. Resilient wheel. 1,459,089; June 19.
De Port, Theophile, Dayton, Ohio. Fruit peeler. 1,472,462; Oct. 30.
De Potter, Roger, Antwerp, Belgium. Multiple-expansion steam turbine. 1,446,840; Feb. 27.
De Procoudine-Gorsky, Serge M., Sutton, England. Three-color photography. 1,443,012; Jan. 23.
De Procoudine-Gorsky, Serge M., Nice, France. Optical system for photographic cameras. 1,456,427; May 22.
Depue, Oscar B., Chicago, Ill. Motion-picture-film-printing apparatus. 1,474,409; Nov. 20.
Deputy, Harry S., Charleston, W. Va., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Leer conveyer. 1,447,649; Mar. 6.
De Ram, Georges H. E., Paris, France. Suspension of automobiles and other vehicles. 1,457,884; June 5.
Derby, Charles D. (See Ripsch, C. W., Dawley, and Derby.)
Derby, Ira H., and W. Highburg, assignors to R. C. Reilly, Indianapolis, Ind. Producing cresol. 1,445,668; Feb. 20.
Derby, John H., New York, N. Y., assignor to General Fire Extinguisher Company, Providence, R. I. Quick-opening valve. 1,456,723; May 29.
Derby, P., & Co. (See Bancroft, Frank H., assignor.)
Derby, William V., assignor to The Crown Cork and Seal Company of Baltimore City, Baltimore, Md. Capping apparatus. 1,463,257; July 31.
Derby, William V., assignor to The Crown Cork and Seal Company of Baltimore City, Baltimore, Md. Capping apparatus. 1,466,702; Sept. 4.
De Remer, Jay G., Greenwich, Conn. Compressor. Re15,590; May 1.
De Remer, Jay G., Greenwich, Conn. Refrigerating apparatus. Re15,591; May 1.
Dereshuk, Makariy, Kinsman, Ohio. Puzzle toy. Des. 62,003; Feb. 27.
De Rigne, Charles A., Los Angeles, Calif. Pump plunger. 1,448,263; Mar. 13.
Dermophile Products Company. (See Zirion y Saravia, A., and Rodriguez, assignors.)
De Rochefort-Lucay, Claude, New York, N. Y. Alarm for motion-picture-film reels. 1,442,690; Jan. 16.
De Roiboul, Michel, Paris, France. Electric furnace. 1,470,195; Oct. 9.
De Rouen, Gus, Eldorado, Ark. Coupling clamp. 1,448,833; Mar. 20.
Derrer, Rudolf, assignor to Maschinenfabrik Rüti formerly Caspar Honegger, Ruti, Zurich, Switzerland. Device for releasably locking the loose reeds of power looms. 1,458,036; June 5.
Derschug, John N., assignor to Syracuse Washing Machine Corporation, Syracuse, N. Y. Clothes wringer. 1,467,267; Sept. 4.
d'Ervillé, Joseph d'A., Charenton, France. Block and panel for knockdown structures. 1,441,970; Jan. 9.
Derwent, Walter E., assignor to National Sewing Machine Company, Belvidere, Ill. Drophead sewing-machine cabinet. Des. 62,057; Mar. 13.
Dery, Joseph E., Edgeley, N. Dak. Grain shocker for harvester binders. 1,462,538; July 24.
De Ryder, Leonard, Kalamazoo, Mich. Can opener. 1,470,485; Oct. 9.
Desachy, Ernest, Loos-les-Lille, France. Loop-forming mechanism for knitting machines. 1,467,239; Sept. 4.
De Sanctis, Giovanni, Hubbard, Ohio. Shoe jack. 1,475,002; Nov. 20.
De Sanctis, John, Hubbard, Ohio. Shoe jack. 1,467,712; Sept. 11.
De Santis, Louis, Yonkers, N. Y. Turbine. 1,461,699; July 10.
Deschamps, George O. (See Lenzi, D., and Deschamps.)
Descombes, Etienne B., Paris, France. Latch for doors of motor vehicles. 1,470,001; Oct. 9.
Deserty, Alexander S., assignor to A. Aderer, New York, N. Y. Combined shelf and hanger rack. 1,462,803; July 24.
Deshaies, Come, Central Falls, R. I. Twisting frame. 1,468,996; Sept. 25.
De Shields, Julia W., Riverdale-on-Hudson, N. Y. Foot rest. Des. 62,604; July 3.
De Simone, Michele G., Stapleton, assignor to G. B. Agnew, New York, N. Y. Calculating machine. 1,450,718; Apr. 3.
De Simone, Michele G., Stapleton, N. Y., assignor, by mesne assignments, to New York Calculating Machine Company, Inc. Denominator and adding machine. 1,476,804; Dec. 11.
Desmarest, Henri G. G., Paris, France. Warmth-retaining product. 1,441,665; Jan. 9.
De Smidt, John H., Minneapolis, Minn. Window screen. 1,458,617; June 12.
De Smith, Henry, assignor to M. D. Knowlton Company, Rochester, N. Y. Safety operating mechanism. Re15,611; May 22.
Des Moines Hosiery Mills. (See Harlan, Mac., assignor.)
Des Moines Incubator Company. (See Newport, Calvin C., assignor.)
Des Moines Silo & Manufacturing Company. (See McGaffee, James F., assignor.)
Desmond, J. J., et al. (See Seley, Charles C., assignor.)
De Soto, Emilio D. (See Jandos, Charles B., assignor.)

Despard, Victor R., Hinsdale, Ill., assignor, by mesne assignments, to McGill Manufacturing Company, Valparaiso, Ind. Switch mechanism. 1,468,701; Sept. 25.
Despard, Victor R., Hinsdale, Ill., assignor, by mesne assignments, to McGill Manufacturing Company, Valparaiso, Ind. Socket and shell cap fastening. 1,469,037; Sept. 25.
Desplats, Domingo, Buenos Aires, Argentina. Electric signal transmitter. 1,451,328; Apr. 10.
Despres, Louis F., Lebanon, N. H. Lamp wrench. 1,467,535; Sept. 11.
Des Rosiers, John B., Providence, R. I. Truck. 1,467,571; Sept. 11.
Dessart, Victor E., Brooklyn, N. Y. Decorative lantern. 1,458,687; June 12.
Dessau, Morland M., London, England. Rolling ball and like games or game apparatus. 1,446,288; Feb. 20.
Dessau, Morland M., London, England. Mat for sound recording and reproducing machines. 1,446,289; Feb. 20.
Dessau, Morland M., London, England. Air bed, cushion, and the like. 1,446,290; Feb. 20.
Dessau, Morland M., London, England. Hand rubber for washing or cleaning purposes. 1,469,917; Oct. 9.
Dessau, Morland M., London, England. Pillow, marine life-saving belt, and the like. 1,470,598; Oct. 16.
Dessau, Morland M., London, England. Floating toy. 1,471,885; Oct. 23.
Dessau, Morland M., London, England. Toy balloon. 1,471,886; Oct. 23.
Dessau, Morland M., London, England. Playing ball, float, and the like. 1,472,865; Nov. 6.
Dessau, Morland M., London, England. Tire. 1,476,878; Dec. 11.
Dessau, Morland M., London, England. Washboard. 1,478,177; Dec. 18.
De Stubner, Emile, New York, N. Y., assignor to Columbia Graphophone Manufacturing Company, Bridgeport, Conn. Thermoplastic composition and compounding the same. 1,456,369; May 22.
De Talmond, Charles, New York, N. Y. Link. 1,477,475; Dec. 11.
Detex Corporation. (See McCormack, James L. L., assignor.)
De Thal, Christian, Paris, France. Apparatus for the production of steel. 1,460,231; June 26.
Det Norske Aktieselskab for Elektrokemisk Industri. (See Sem, Mathias O., assignor.)
Det Norske Aktieselskab for Elektrokemisk Industri. (See Sem, M. O., and Lund, assignors.)
Det Norske Aktieselskab for Electrokemisk Industri. (See Söderberg, Carl W., assignor.)
Det Norske Aktieselskab for Elektrokemisk Industri of Norway. (See Söderberg, Carl W., assignor.)
Det Norske Aktieselskab for Elektrokemisk Industri Norsk Industri-Hypotekbank. (See Sem, Mathias O., assignor.)
De Trentini, Rolf. (See Bergvall, Jakob L., assignor.)
Detrick, Edwin A. (See Benjamin, R. B., and Detrick.)
Detrick, M. H., Co. (See Hosbein, Louis H., assignor.)
Detroit Air Cooled Car Company. (See Tremolada, Guglielmo R., assignor.)
Detroit Carrier & Manufacturing Co. (See Taylor, Huston, assignor.)
Detroit Carrier and Manufacturing Company. (See Taylor, Huston, assignor.)
Detroit Elevated Corporation. (See Oyen, Erling, assignor.)
Detroit Forging Company. (See Bladwin, Morton S., assignor.)
Detroit Hoist and Machine Company. (See Martin, Henry F., assignor.)
Detroit Insulated Wire Company. (See Rissman, Paul, assignor.)
Detroit Lubricator Company. (See Lanning, John G., assignor.)
Detroit Lubricator Company. (See Wangenheim, Adolph V., assignor.)
Detroit Pressed Steel Company. (See Peterson, John W., assignor.)
Detroit Pressed Steel Company. (See Putnam, Alden L., assignor.)
Detroit Sheet Metal Works. (See Ehmka, William C., assignor.)
Detroit Stamping Company. (See Roberts, William H., assignor.)
Detroit Stoker Company. (See Campbell, John D., assignor.)
Detroit Stoker Company. (See Fitts, Edwin, assignor.)
Detroit Tire Carrier Co. (See Wasserfallen, Charles F., assignor.)
Detroit Torch and Manufacturing Company. (See Horn, Edward J., assignor.)
Detroit Torch Manufacturing Company. (See Lindhorst, Frederick L., assignor.)
Detroit Trailer Company. (See Hartwick, Ernest F., assignor.)
Detroit Vapor Stove Company. (See Meadows, Albert, assignor.)
Detroit Vapor Stove Company. (See Sherman, Alvin G., assignor.)
Det Tekniske Forsøgsaktieselskab. (See Goldschmidt, Rudolf, assignor.)
Dettelbach, Edward, Cleveland, Ohio. Wheel rim. 1,463,549; July 31.
Dettra, John C., Oakes, Pa. Hedge trimmer. 1,471,453; Oct. 23.
Detwiler, Angus E., assignor of one-half to W. Reed, Oxford, Mich. Road-scraper attachment for tractors. 1,442,796; Jan. 23.
Detwiler, Forest V., Pottstown, Pa. Cooking stove. 1,444,733; Feb. 6.
Detwiler, Herbert E., York, Pa. Antiskid-chain hook. 1,471,835; Oct. 23.
Deubener, Walter H., St. Paul, Minn. Envelope. 1,461,727; July 17.
Deucher, Eugene G., assignor to The Universal Crane Company, Cleveland, Ohio. Vehicle outrigger. 1,457,897; June 5.
Deucher, Eugene G., assignor to The Universal Crane Company, Cleveland, Ohio. Support for spring vehicles. 1,461,894; July 17.
Deuel, Sanford H., Oakland, Calif. Construction of coffins. 1,452,029; Apr. 17.
Deuley, Harvey H., Rochester, Pa. Construction of and method of operating heating furnaces. 1,475,373; Nov. 27.
Deulin, Fernand E., Charleston, W. Va., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Leer conveyer for continuous sheet glass. 1,447,648; Mar. 6.
Deuring, Fritz, Munich-Gladbach, Germany. Driving mechanism for transverse supports or slides in revolver lathes, semiautomatic lathes, and the like. 1,463,201; July 31.
Deuring, Fritz R., Munchen-Gladbach, Germany. Semiautomatic lathe. 1,445,494; Feb. 13.
Deuter, Charles W., Seattle, Wash. Gauge for piston-valve cylinders. 1,455,083; May 15.
Deutsch, Edward I., Milwaukee, Wis. Engine starter. 1,459,618; June 19.
Deutsch, Edward I., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Motor controller. 1,446,642; Feb. 27.
Deutsch-Luxembergische Bergwerks- und Hutten-Aktiengesellschaft. (See Bäseler, Wolfgang, assignor.)
Deutsch, Morton. (See Warth, Frederick E., assignor.)
Deutsch, Siegfried, Vienna, Austria. Steam-heated hot-water radiator. 1,474,765; Nov. 20.
Deutsche Luftfilter-Baugesellschaft. (See Klug, Hermann, assignor.)
Deutsche Luxfer Prismen Gesellschaft m. b. H. (See Holzmayer, Benedikt, assignor.)
Deutsche Werke Aktiengesellschaft. (See Rehfeld, Ernst, assignor.)
Deutsche Werke Aktiengesellschaft. (See Retterath, Valentin, assignor.)
Deutsche Werke Aktiengesellschaft. (See Thomas, August, assignor.)
Deutsche Werke Aktiengesellschaft. (See Toussaint, H. and Fluck, assignors.)
Deutsche Werke Aktiengesellschaft. (See Wahl, Robert, assignor.)
Deutschmann, Peter P., Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Gesellschaft mit beschränkter Haftung, Siemensstadt, near Berlin, Germany. Electric driving. 1,476,059; Dec. 4.
De Vains, Antonie R. M., Ain, France. Rendering chlorides of ketone soluble by means of alkalies. 1,445,495; Feb. 13.
Devan, Paul J., Windber, Pa. Screw jack. 1,457,825; June 5.
De Vaney, William H., Toledo, Ohio. Molding machine. 1,471,651; Oct. 23.
Deved, Garrett F. (See Deved, George C. and G. F.)
Deved, George C. and G. F., Baltimore, Md. Core box. 1,442,329; Jan. 16.
Devendor, John A., New York, and M. J. Kiely, Brooklyn, N. Y. Tufted back mold for cloth-covered buttons. 1,440,771; Jan. 2.
Dever, Henry L., assignor to Owensboro Ditcher & Grader Company, Owensboro, Ky. Road grader and ditcher. 1,452,365; Apr. 17.
Dever, James, Sioux City, Iowa. Coal-leveling gate. 1,448,337; Mar. 13.
Dever, Patrick J., Freeland, Pa. Shoe-soling tool. 1,475,287; Nov. 27.
De Vere, Cyril, assignor to La Societe des Phonographes Automatiques, Paris, France. Phonograph. 1,477,944; Dec. 18.
De Vere, Eugene L., Chicago, Ill. Resilient shoe heel. 1,451,494; Apr. 10.
Devey, John, Lehi, Utah. Beet-harvesting machine. 1,462,486; July 24.
De Vignier, Robert M. (See Forsberg, O. F., and de Vignier.)
De Vignier, Robert M., Bellefonte, assignor, by mesne assignments, to National Vulcanized Fibre Co., Wilmington, Del. Mandrel extractor. 1,447,766; Mar. 6.
De Vignier, Robert M., Bellefonte, assignor, by mesne assignments, to National Vulcanized Fibre Co., Wilmington, Del. Mandrel extractor. 1,447,767; Mar. 6.
De Vilbiss, George M., Stella, Nebr. Box-car door. 1,476,326; Dec. 4.

Alphabetical list of patentees—Continued.

De Vilbiss Manufacturing Company. (See De Vilbiss, Thomas A., assignor.)
De Vilbiss, Thomas A., assignor to The De Vilbiss Manufacturing Company, Toledo, Ohio. Dropper bottle. Des. 62,889; Aug. 21.
De Ville, Walter, East Liverpool, Ohio. Plate or similar article. Des. 62,546; June 19.
De Ville, Walter, East Liverpool, Ohio. Plate or similar article. Des. 62,547; June 19.
De Ville, Walter, East Liverpool, Ohio. Plate or similar article. Des. 62,548; June 19.
De Ville, Walter, East Liverpool, Ohio. Plate or similar article. Des. 62,549; June 19.
De Ville, Walter, East Liverpool, Ohio. Plate or similar article. Des. 62,550; June 19.
De Villiers, Peter G. T. Pretoria, Transvaal, assignor of one-half to A. Rogers-Jenkins, Durban, Natal, Union of South Africa. Slot lock for coin-collecting boxes. 1,442,132; Jan. 16.
De Villiers, Peter G. T., Pretoria, Transvaal, assignor of one-half to A. Rogers-Jenkins, Durban, Natal, Union of South Africa. Coin slot. 1,470,599; Oct. 16.
De Virel, Alban, and M. E., Cahen, Paris, France. Tractor. 1,443,619; Jan. 30.
Devlin, Bruce B., Chicago, Ill. Button fastener. 1,467,572; Sept. 11.
Devlin, William F. C., and S. W. Graham, Ottawa, Ontario, Canada; said Graham assignor to said Devlin. Camera lock for preventing double exposure. 1,473,088; Nov. 6.
Devner, L. C., et al. (See Owen, James E., assignor.)
De Voe, Albert H., Westfield, N. J., assignor to The Singer Manufacturing Company. Hemming attachment for sewing machines. 1,443,680; Jan. 30.
De Voe, Albert H., Westfield, N. J., assignor to The Singer Manufacturing Company. Hemmer for sewing machines. 1,443,702; Jan. 30.
De Voe, Albert H., Westfield, N. J., assignor to The Singer Manufacturing Company. Feeding mechanism for sewing machines. 1,448,795; Mar. 20.
De Voe, Albert H., Westfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 1,452,072; Apr. 17.
De Voe, Albert H., Westfield, N. J., assignor to The Singer Manufacturing Company. Sewing machine. 1,460,891; July 3.
De Voe, Albert H., Westfield, N. J., assignor to The Singer Manufacturing Company. Trimming device for sewing machines. 1,473,611; Nov. 13.
De Voe, Albert H., Westfield, N. J., assignor to The Singer Manufacturing Company. Belt coupling. 1,467,713; Sept. 11.
De Voe, Albert H., Westfield, N. J., assignor to The Singer Manufacturing Company. Shoe-staying machine. 1,478,602; Dec. 25.
Devon, Joseph L., Atlanta, Ga. Braking attachment. 1,461,084; July 10.
De Vore, Freda C. (See De Vore, Thomas C., assignor.)
De Vore, George H. (See Cowan, Willis B., assignor.)
Devore, James A., Monongahela, Pa. Spring wheel. 1,441,969; Jan. 9.
De Vore, Thomas C., assignor of one-half to F. C. De Vore, Chicago, Ill. Air valve. 1,465,760; Aug. 21.
De Vries, Anna, et al., executrices. (See Dickens, John.)
De Vries, George, Chicago, Ill., assignor to American Lace Paper Company, Milwaukee, Wis. Feeding mechanism for bonbon cup machines. 1,442,214; Jan. 16.
De Vries, John, assignor to Phillips & Clark Stove Co., Inc., Geneva, N. Y. Convertible one-pipe furnace. 1,452,637; Apr. 24.
De Vries, Ralph P. (See Armstrong, P. A. E., and De Vries.)
De Vries, Reinier P., Cliftondale, Mass. Carton filling or packing machine. 1,445,431; Feb. 13.
De Vry Corporation, The. (See De Vry, Herman A., assignor.)
De Vry, Herman A., assignor to The De Vry Corporation, Chicago, Ill. Mechanism for rewinding films. 1,462,487; July 24.
Dewald, Edward, jr. (See Dewald, Edward, sr., assignor.)
Dewald, Edward, sr., assignor of one-half to E. Dewald, jr., Cincinnati, Ohio. Swivel-plug connector. 1,450,172; Apr. 3.
De Wald, John V., Philadelphia, Pa. Water-level indicator. 1,470,916; Oct. 16.
De Wallace, Harry, Syracuse, N. Y., assignor to J. B. Wise Incorporated. Waste fitting for sinks. 1,451,943; Apr. 17.
Dewar, Robert L., Grand Rapids, Mich. Engine piston. 1,460,537; July 3.
Dewend, William D., assignor to Oliver Chilled Plow Works, South Bend, Ind. Agricultural implement. 1,472,209; Oct. 30.
Dewend, William D., assignor to Oliver Chilled Plow Works, South Bend, Ind. Agricultural implement. 1,476,879; Dec. 11.
De Wendel Zeche. (See Schwenke, Hermann, assignor.)
Dewey, Bradley, Cambridge, Mass., and H. P. Scott, jr., Wilmington, Del. Top for can bodies. 1,478,782; Dec. 25.
Dewey, Charles J., Chicago, Ill. Convertible pneumatic motor and compressor. 1,446,291; Feb. 20.
Dewey, Clarence L., Chicago, Ill. Decoy. 1,473,612; Nov. 13.
Dewey, Edward B., Washington, D. C. Hairpin container. 1,453,756; May 1.
Dewey, Edward H., Chicopee Falls, assignor of one-quarter to F. A. Champlin, East Longmeadow, and one-quarter to F. Moriarty, Holyoke, Mass. Valve-spring compressor. 1,441,723; Jan. 9.
Dewey, Ray E., Sylvania, Ohio. Vehicle light. 1,444,831; Feb. 13.
Dewey, William, Birchwood, Wis. Animal trap. 1,445,203; Feb. 13.
De Wille, Antoine J., Sutersville, Pa. Lap. 1,440,820; Jan. 2.
De Wind, Norman, Chicago, Ill. Pavement. 1,445,873; Feb. 20.
Dewing, Henry A., Santa Barbara, Calif., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,443,070; Jan. 23.
Dewire, John A., assignor to Miller & Pardee, Inc., Chicago, Ill. Casting. 1,465,116; Aug. 14.
De Witt, George, Gloversville, N. Y. Umbrella stand. 1,476,599; Dec. 4.
De Witt-La France Company. (See De Witt, William P., assignor.)
De Witt, William H., Columbus, Ohio. Locomotive headlight. 1,467,144; Sept. 4.
De Witt, William P., Somerville, Mass. Pencil with adjustable lead. 1,463,803; Aug. 7.
De Witt, William P., Somerville, assignor to De Witt-La France Co., Cambridge, Mass. Pencil. 1,472,962; Nov. 6.
De Witt, William P., Somerville, assignor to De Witt-La France Company, Cambridge, Mass. Lever-filler fountain pen. 1,472,963; Nov. 6.
De Witt, William P., Somerville, assignor to De Witt-La France Company, Cambridge, Mass. Display cabinet. 1,473,215; Nov. 6.
De Wolf, John C. (See Humphreys, Albert H., assignor.)
De Wolf, Leon, St. Nicholas, Belgium. Resilient wheel and tire. 1,459,018; June 19.
De Wolf, Roger D., Rochester, N. Y. Furnace arch. 1,462,267; July 17.
De Wolfe, Wilburn A., Consort, Alberta, Canada. Pressure gauge. 1,476,154; Dec. 4.
Dexter Folder Company. (See Christophel, Carl E., assignor.)
Dexter, Frank, London, England. Scissors or pruner for cutting fruit, flowers, or the like. 1,458,878; June 12.
Dexter Manufacturing Company. (See Maier, August J., assignor.)
Dexter, Talbot C., Pearl River, N. Y. Paper-cutting machine. 1,476,155; Dec. 4.
Dey, Gilbert S., assignor to American Optical Company, Southbridge, Mass. Blocking machine. 1,456,673; May 29.
Dey, Gilbert S., assignor to American Optical Company, Southbridge, Mass. Grinder. 1,465,117; Aug. 14.
Deyl, Václav O., Vinor, Bohemia. Turnip-gathering device. 1,472,328; Oct. 30.
De Young, Teunis, jr., South Holland, Ill. Bulb planter. 1,453,923; May 1.
D'Eyraud, Louis, Los Angeles, Calif. Universal mounting device. 1,446,164; Feb. 20.
Dey, William H., Newark, N. J., assignor to United States Radium Corporation. Luminous pendant. 1,465,759; Aug. 21.
Dezell, John E., Quincy, Fla. Circular glass cutter. 1,442,926; Jan. 23.
Dhé, Paul, Paris, France. Molding machine. 1,457,216; May 29.
Dhé, Paul, Paris, France. Tipping crucible for basalt furnaces. 1,462,446; July 17.
D'Humy, Fernand E., Englewood, N. J., assignor to Ramp Buildings Corporation, New York, N. Y. Building. 1,444,307; Feb. 6.
Dial, George H., Columbus, Ohio. Collapsible tent. 1,449,894; Mar. 27.
Diamond, Harry H., et al. (See Gentry, George W., assignor.)
Diamond, Harry I., Atlanta, Ga. Insulating tape. 1,455,744; May 15.
Diamond, Israel, Washington, D. C. Mold for poured structures. 1,471,387; Oct. 23.
Diamond, Jacob S., Brooklyn, N. Y. Changeable sign. 1,445,874; Feb. 20.
Diamond Match Company, The. (See Coster, Arthur V., assignor.)
Diamond Match Company, The. (See Linebaugh, Edward R., assignor.)
Diamond Match Company, The. (See Nolan, John R., assignor.)
Diamond Match Company, The. (See Paridon, Michael, assignor.)
Diamond Match Company, The. (See Pfersch, Clarence L., assignor.)
Diamond Match Company, The. (See Shofter, William H., assignor.)
Diamond Match Company, The. (See Snyder, Eugene, assignor.)
Diamond Match Company, The. (See Turner, George, assignor.)

Diamond Power Specialty Corporation. (See Bowers, Frank, assignor.)
Diamond Products Corporation, The. (See Newell, Peter S. H., assignor.)
Diamond State Fibre Company. (See McIntosh, James, assignor.)
Diamond State Fibre Company. (See Taylor, John M., assignor.)
Diard, Francois L. (See Browne, H. T., and Diard.)
Diaz, Antonio, assignor to J. F. Del Castillo, Barcelona, Spain. Suspension of motor cars and other vehicles. 1,459,287; June 19.
Diaz, Francisco, Winslow, Ariz. Film developer. 1,454,215; May 8.
Dibble, Carl W., and M. Phillips, Portland, Oreg., assignors of one-fifth to J. T. Loofbourow, one-fifth to J. G. Meeks, and one-fifth to E. D. Howe. Stenciling machine. 1,470,962; Oct. 16.
Di Bella, Frank, New York, N. Y. Door-lock keeper. 1,456,917; May 29.
Diboll, Collins C. (See Wright, Thomas B., assignor.)
Di Carlo, Donato, Philadelphia, Pa. Graphophone cabinet. Des. 62,983; Sept. 4.
Di Carlo, Donato, Philadelphia Pa. Lid support. 1,468,460; Sept. 18.
Di Carlo, Luigi, Lockport, N. Y. Rotary cutter. 1,465,075; Aug. 14.
Di Carlo, Riccardo, Baltimore, Md. Portable motor support. 1,440,721; Jan. 2.
Di Cesare, Pierino, assignor to The Ceasar Resilient Tire Corporation, New York, N. Y. Resilient tire. 1,466,522; Aug. 28.
Dick, A. B., Company. (See Chipperfield, Walter, assignor.)
Dick, David S., Hawarden, Iowa. Hog oiler. 1,471,109; Oct. 16.
Dick, Emil, Geneva, Switzerland. Dynamo driven by wheel axle. 1,461,181; July 10.
Dick, Ernest F., Bend, Oreg. Auxiliary transmission. 1,473,216; Nov. 6.
Dick, James. (See Skirrow, F. W., and Dick.)
Dick, Ralph H. and C. F. Wolters, assignors to The Safe-Cabinet Company, Marietta, Ohio. Heat-resisting cabinet and making the same. Re. 15,529; Jan. 16.
Dick, Samuel M., Minneapolis, Minn. Dehydrating apparatus. 1,450,840; Apr. 3.
Dick, Seward J., Clymer, Pa. Bracket. 1,451,764; Apr. 17.
Dicke, Casper H., Downers Grove, Ill. Wire grip. 1,466,426; Aug. 28.
Dickens, Anna J., et al., executrices. (See Dickens, John.)
Dickens, George W., Columbus, Ohio. Wedge. 1,464,974; Aug. 14.
Dickens, John, deceased, Passaic, N. J.; A. J. Dickens and A. De Vries, executrices. Fluid pump. 1,447,931; Mar. 6.
Dickens, John W., Fort Wayne, Ind. Artificial fish bait. 1,468,627; Sept. 25.
Dickens, Robert, administrator. (See Dickens, William.)
Dickens, William, deceased; R. Dickens, administrator of said William Dickens, assignor of one-third to M. A. Barnes and one-third to E. Barnes, Philadelphia, Pa. Pump. 1,476,600; Dec. 4.
Dickensheet, Earle H., San Francisco, Calif., assignor to Faultless Pneumatic Tire Company, Seattle, Wash. Tire construction. 1,475,225; Nov. 27.
Dickenson, Thaddeaus T. (See Horne, H. M., and Dickenson.)
Dickerman, Charles L., and W. E. Cummings, Houston, Tex. Cotton gin. 1,477,694; Dec. 18.
Dickerson, Augustus W. (See Richard, J. O., and Dickerson.)
Dickerson, Byram S., Mattoon, Ill. Draft gear for trains. 1,470,158; Oct. 9.
Dickerson, John K. (See Knapp, E., Dickerson, and Begtrup.)
Dickescheid, Josef, assignor to the Firm: Dr. H. Zehrlaut & Co., Mainz, Germany. Backing-off lathe. 1,472,636; Oct. 30.
Dickey, Chester D. (See Sheldon, Clarence O., assignor.)
Dickey, Daniel A., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Composite propeller and making the same. 1,444,959; Feb. 13.
Dickey, Laurence P., Mountain Lakes, N. J. Vanity case. 1,457,925; June 5.
Dickey, Orville H., Williamstown, Mo. Wrench. 1,458,037; June 5.
Dickey, Walter S. (See Flournoy, Samuel I., assignor.)
Dickey, William T., assignor to American Concrete Tie Corporation, Portsmouth, Va. Concrete tie and rail clamp. 1,457,151; May 29.
Dickhart, William, deceased, Evansville, Ind.; J. F. Pfeiffer, administrator. Signal for railway crossings. 1,450,841; Apr. 3.
Dickie, William A. (See Palmer, C. W., and Dickie.)
Dickingson, Walter M., Middlesex, N. C. Level. 1,463,738; July 31.
Dickinson, Frank T., Denver, Colo. Molding machine. 1,476,056; Dec. 4.
Dickinson, Frederick S. (See Phelan, Eugene R., assignor.)
Dickinson, Frederick S., New York, N. Y. Vehicle tire. Des. 62,164; Apr. 3.
Dickinson, Frederick S., New York, N. Y., and J. Springer, Atlantic Highlands, N. J., assignors to said Dickinson. Constructing pneumatic tires. 1,453,865; May 1.
Dickinson, Fredrick S., New York, N. Y., and J. Spinger, Atlantic Highlands, N. J.; said Springer assignor to said Dickinson. Pneumatic tire. 1,454,469; May 8.
Dickinson, George A., Davenport, Iowa. Adjustable sash weight. 1,463,877; Aug. 7.
Dickinson, Guy, Little Rock, Ark. Exhibitor. 1,478,425; Dec. 25.
Dickinson, Harry S., assignor, by mesne assignments, to Moline Plow Company, Incorporated, Moline, Ill. Gang-adjusting device for harrows. 1,472,515; Oct. 30.
Dickinson, Harry S., assignor, by mesne assignments, to Moline Plow Company, Incorporated, Moline, Ill. Wheeled plow. 1,472,637; Oct. 30.
Dickinson, Harry S., assignor, by mesne assignments, to Moline Plow Company, Incorporated, Moline, Ill. Wheeled plow. 1,472,768; Oct. 30.
Dickinson, Harry S., assignor, by mesne assignments, to Moline Plow Company, Incorporated, Moline, Ill. Tractor cultivator. 1,475,226; Nov. 27.
Dickinson, John D. (See Mulford, F. B., and Dickinson.)
Dickinson, John L., assignor to The Laurence Smith Paper Goods Company, Detroit, Mich. Envelope. 1,444,497; Feb. 6.
Dickinson, Joseph H., Larchmont, N. Y., assignor to The Aeolian Company. Automatic musical instrument. 1,444,832; Feb. 13.
Dickinson, Joseph H., Larchmont, N. Y., assignor to The Aeolian Company. Sound box for sound-reproducing machines. 1,446,886; Feb. 27.
Dickinson, Joseph H., Larchmont, N. Y., assignor to The Aeolian Company. Multiple-record-magazine phonograph. 1,448,733; Mar. 20.
Dickinson, Richard H., Farnham, England. Two-stroke engine. 1,461,348; July 10.
Dickinson, Roger E., et al. (See Smith, Thomas C., assignor.)
Dickinson, Thomas A., Youngstown, Ohio. Antitheft device for electric-lamp bulbs. 1,464,243; Aug. 7.
Dickinson, William H., New York, N. Y. Amusement device. 1,440,661; Jan. 2.
Dickman, Richard F., Bristol, Ind. Artificial fish bait. 1,472,638; Oct. 30.
Dickover, Charles W., and E. W. Henry, Tomah; said Dickover assignor to R. A. Garman and A. W. McMullen, Monroe County, Wis. Motor-repair stand. 1,464,065; Aug. 7.
Dicks, Thomas A., assignor to Standard Steel Propeller Company, Pittsburgh, Pa. Control mechanism for propellers. 1,455,431; May 15.
Dickson, James L., Chinook Mont. Artificial denture. 1,468,461; Sept. 18.
Dickson, James T., Los Angeles, Calif. Injection mechanism for internal-combustion engines. 1,440,913; Jan. 2.
Dickson, John B. (See Geer, W. C., and Dickson.)
Dickson, Minerva B., Belvedere, Calif. Sanitary broom mop. 1,476,396; Dec. 4.
Dickson, Robert C., Medan Deli, Sumatra. Method and means for raising water or other liquid by compressed air. 1,461,112; July 10.
Di Cristo, Ralph, Natick, R. I., assignor to Draper Corporation, Hopedale, Mass. Picker check. 1,470,821; Oct. 16.
Di Dario, Joseph, Attleboro, Mass. Heater for rotary burnishing irons. 1,474,410; Nov. 20.
Di Dio, Giuseppe, New York, N. Y. Shoe heel. 1,452,959; Apr. 24.
Diebold, Leo J., Mount Vernon, Ind. Sliding drawer and lock. 1,459,324; June 19.
Diebold Safe & Lock Company, The. (See Miller, C. H., and Scott, assignors.)
Dieckmann, Carl F., assignor to Eugene Dietzgen Company, Chicago, Ill. Runner for slide rules. 1,440,914; Jan. 2.
Diederich, Paul E., assignor to Motor Products Corporation, Detroit, Mich. Visor attachment for windshields. 1,471,723; Oct. 23.
Diedrich, Eugene J. (See Dunn, W. L., Burstall, and Diedrich.)
Diefenbacher, Ella, New Philadelphia, Ohio. Lingerie pin. 1,456,301; May 22.
Diegel, John F. W., Manitowoc, Wis. Automobile signal. 1,460,709; July 3.
Diegel, John M., Minneapolis, Minn. Electrical signaling and recording system. 1,451,900; Apr. 17.
Diehl, Ambrose N., Duquesne, Pa. Method of and apparatus for cleaning gases. 1,455,834; May 22.
Diehl, Clinton V. J. (See Banner, S. J., and Diehl.)
Diehl, Frederick, assignor to Diehl Manufacturing Company, Elizabeth, N. J. Electrically-lighted sewing machine. 1,440,863; Jan. 2.
Diehl, Frederick, assignor to Diehl Manufacturing Company, Elizabeth, N. J. Sewing-machine-motor bracket. 1,455,391; May 15.
Diehl, Frederick, assignor to Diehl Maufacturing Co., Elizabeth, N. J. Controller 1,478,701; Dec. 25.
Diehl, George H., jr., New York, N. Y. Bearing for skiving machines. 1,477,945; Dec. 18.

Diehl, George M., Wabash, Ind., assignor to W. A. Reed and B. W. Burns, Chicago, Ill. Coin-controlled calendar. 1,471,836; Oct. 23.
Diehl, Herman H., assignor to The West Virginia Rail Company, Huntington, W. Va. Track construction. 1,464,75; Aug. 14.
Diehl, Herman H., assignor to The West Virginia Rail Co., Huntington, W. Va. Railway-track construction. 1,478,107; Dec. 18.
Diehl Manufacturing Co. (See Marx, Gustave C., assignor.)
Diehl Manufacturing Company. (See Diehl, Frederick, assignor.)
Diehl, Philip J., Butler, Pa. Egg beater. 1,468,560; Sept. 18.
Diehl, William E., Chicago, Ill. Safety pocket. 1,466,091. Aug. 28.
Diekman, A., et al. (See Bumbaugh, Clyde C., assignor.)
Diemer, Walter H. (See Schibrowski, P. M., and Diemer.)
Diener, Geo. W., Mfg. Co. (See Waggoner, Albert E., assignor.)
Dienner, John A. (See Cole, Don, assignor.)
Dienner, John A., Chicago, Ill. Toy. 1,471,147; Oct. 16.
Dienner, John A., Chicago, assignor to W. J. Conlon, Cicero, Ill. Reversing mechanism. 1,471,148; Oct. 16.
Dienst, Karl, Charlottenburg, near Berlin, Germany. Sterilizing flour and grits made from cereals. 1,452,871; Apr. 24.
Diepschlag, Ernst, Breslau, Germany. Apparatus for drying charges for shaft furnaces. 1,455,392; May 15.
Dier, Frederick F., Ottawa, Ontario, Canada. Heating means for liquid fuels. 1,442,927; Jan. 23.
Dierker, William C., assignor of one-half to C. Thornton, Peoria, Ill. Casing for a signaling device for vehicles. Des. 62,478; June 12.
Dierks, John, Kansas City, Kans. Poultry feeder. 1,446,694; Feb. 27.
Diers, George H., assignor of one-half to F. B. Buszin, Chicago, Ill. Automatic gas valve. 1,440,821; Jan. 2.
Dies, Charles A., Chicago, Ill. Adjustable wrench. 1,471,837; Oct. 23.
Dies, Charles A., Chicago, Ill. Adjustable wrench. 1,475,755; Nov. 27.
Diesbach, Fritz G., administrator. (See Krauth, Albert.)
Diescher, S., & Sons. (See Diescher, August P., assignor.)
Diescher, S., & Sons. (See Diescher, Samuel E., assignor.)
Diescher, August P., Pittsburgh, Pa., assignor to S. Diescher & Sons. Expansion joint. 1,475,288; Nov. 27.
Diescher, August P., Pittsburgh, Pa., assignor to S. Diescher & Sons. Expansion joint. 1,475,289; Nov. 27.
Diescher, Samuel E., Pittsburgh, Pa. Means for regulating water circulation in water-tube boilers. 1,465,118; Aug. 14.
Diescher, Samuel E., Wilkinsburg, Pa., assignor to S. Diescher & Sons. Boiler installation. 1,470,030; Oct. 23.
Diescher, Samuel E., Wilkinsburg, Pa., assignor to S. Diescher & Sons. Roll for rolling mills. 1,478,509; Dec. 25.
Dieter, James F., Highland Park, N. J., assignor to International Motor Company, New York, N. Y. Gating castings. 1,458,222; June 12.
Dieter, Louis V., Washington, D. C. Sanitary-drinking-fountain attachment. 1,445,496; Feb. 13.
Dieter, William, Newark, N. J. Air-leak vent for torpedoes. 1,460,370; July 3.
Dieter, William, Brooklyn, N. Y., assignor to Vittlea Development Corporation. Gyroscope steering mechanism. 1,440,822; Jan. 2.
Dieter, William, Newark, N. J., assignor to Vittlae Development Corporation. Vent valve for torpedoes. 1,445,936; Feb. 20.
Dieter, William, Brooklyn, N. Y., assignor to Vittlea Development Corporation. Packing gasket. 1,478,108; Dec. 18.
Dieterich, Ludwig M., Jersey City, N. J. Art and apparatus for forcing material into a predetermined form. 1,449,385; Mar. 27.
Dieterich, Ludwig M., New Brunswick, assignor of one-half to R. S. Blair, South Orange, N. J. Nonmetallic springs. 1,445,669; Feb. 20.
Dieterle, Edward P., assignor of one-half to A. G. Barker, New York, N. Y. Vibratory tool. 1,453,831; May 1.
Dietrich, Ernest F., Chicago, Ill. Plating metal on nonmetallic surfaces. 1,444,113; Feb. 6.
Dietrich, Frederick, Flushing, assignor to C. Brandes Inc., New York, N. Y. Telephone headset. 1,447,969; Mar. 13.
Dietrich, Jerome C., Galt, Ontario, Canada. Ice saw. 1,461,479; July 10.
Dietrich, Paul, Cleveland, Ohio, assignor to Yawman & Erbe Mfg. Co., Rochester, N. Y. Filing index. 1,462,268; July 17.
Dietrich, Thomas, Anaheim, Calif. Windshield. 1,450,142; Mar. 27.
Dietsche, Adolph, jr., assignor to American Lithographic Company, New York, N. Y. Display device. 1,446,841; Feb. 27.
Dietsche, Adolph, jr., assignor to American Lithographic Company, New York, N. Y. Display device. 1,458,169; June 12.
Dietsche, Adolph, jr., assignor to American Lithographic Company, New York, N. Y. Display device. 1,458,170; June 12.
Dietsche, Adolph, jr., assignor to American Lithographic Company, New York, N. Y. Display device. 1,470,218; Oct. 9.
Dietsche, Adolph, jr., assignor to American Lithographic Company, New York, N. Y. Collapsible display device. 1,472,355; Oct. 30.
Dietz, Benjamin H., and A. E. Hansen, Chicago, Ill. Phonograph. 1,463,311; July 31.
Dietz, Charles A., and H. Schuman, Newark, N. J. Finger ring. Des. 62,938; Aug. 28.
Dietz, Emil, Indianapolis, Ind. Swivel for truck wheels. 1,471,247; Oct. 16.
Dietz, R. E., Company. (See Van Duyn, Frederick W., assignor.)
Dietz, William C. F., Cincinnati, Ohio, assignor to The Boss Washing Machine Company, Norwood, Ohio. Washing machine. 1,455,719; May 15.
Dietz, William C. F., Cincinnati, assignor to the Boss Washing Machine Company, Norwood, Ohio. Washing-machine agitator. 1,465,036; Aug. 14.
Dietze, Eginhard, Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Signaling circuit. 1,471,388; Oct. 23.
Dietzel, William, Merrick, N. Y. Plating machine. 1,466,582; Aug. 28.
Dietzgen, Eugene, Company. (See Dieckmann, Carl F., assignor.)
Dieu, Victor, Mineral Wells, Tex. Pouring spout. 1,475,988; Dec. 4.
Di Falco, Giovanni, New York, N. Y. Sound-reproducing machine. 1,462,269; July 17.
Di Felippo, Saverio, Trenton, N. J. Rotary cutter. 1,473,698; Nov. 13.
Diffendaffer, James G., Fern, Nebr. Restraining device. 1,449,502; Mar. 27.
Diffenderffer, John K. E. (See Williams, M. S. F., and Diffenderffer.)
Digby, Emmet B., Atlanta, Ga. Egg crate. 1,443,836; Jan. 30.
Di Genova, Egidio O., Rome, Italy. Tightening device for driving belts. 1,464,411; Aug. 7.
Diggle, Samuel, Bayonne, N. J. Tank construction. 1,467,610; Sept. 11.
Dilas, Harry, Bay City, Mich. Apparatus for removing the division plate from ice-cream receptacles. 1,452,678; Apr. 24.
Dilas, Harry, Bay City, Mich. Mopping vehicle. 1,453,450; May 1.
Dilg, Charles H. J., New York, N. Y. Watch-chain holder. 1,457,105; May 29.
Dill, George C., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Choke coil. 1,460,153; June 26.
Dill, Horace E., Graniteville, S. C., assignor to Draper Corporation, Hopedale, Mass. Feeler mechanism for looms. 1,453,451; May 1.
Dillard, William J., and T. F. Shepler, Portland, Oreg. Identification exhibitor. 1,444,669; Feb. 6.
Dillehunt, Samuel B. (See Gobberdiel, Peter P., assignor.)
Diller, William W., Indianapolis, Ind. Motor-axle drive. 1,455,084; May 15.
Dillig, Henry P., Millvale, and J. B. Hill, Bellevue, Pa. Repeater or magazine fuse. 1,445,302; Feb. 13.
Dillinger, Thomas M., Portland, Oreg. Leather cutter. 1,463,312; July 31.
Dillingham, Frederick A., assignor to The Troy Sunshade Company, Troy, Ohio. Windshield. 1,464,754; Aug. 14.
Dillistone, Cecil E., Owen Sound, Ontario, Canada. Foot-operated latch for doors and the like. 1,453,308; May 1.
Dillman, Daniel F., Yates Center, Kans. Adjustable camping tent. 1,450,143; Mar. 27.
Dillmeier, Josephine M., New York, N. Y. Casserole holder. 1,465,464; Aug. 21.
Dillon, Edward P., and A. A. Heimrod, assignors to Research Corporation, New York, N. Y. Electric precipitator. 1,451,418; Apr. 10.
Dillon, Frank, Spiceland, Ind. Shade roller. 1,464,412; Aug. 7.
Dillon, John J., Sault Ste. Marie, Ontario, Canada. Automatic railway-switch stand. 1,468,997; Sept. 25.
Dillon, Le Roy. (See Dillon, William C., assignor.)
Dillon, William C., Fort Dodge, Iowa. Safety lock device. 1,448,525; Mar. 13.
Dillon, William C., assignor to L. Dillon, Fort Dodge, Iowa. Shearing device for auxiliary locks. 1,466,207; Aug. 28.
Dills, Thomas O., Batesville, Miss. Dirigible headlight. 1,451,419; Apr. 10.
Di Lorenzo, Mauro, Landisburg, W. Va. Stuffing-box gland. 1,455,606; May 15.
Di Loreto, August, Ravenna, Ohio. Fruit-jar holder. 1,442,254; Jan. 16.
Di Luchio, Michael M., Wilmington, Del. Game. 1,465,160; Aug. 14.
Dimech, Charles, New York, N. Y. Hayrack and baler. 1,446,337; Feb. 20.
Dina, Augusto, Woodbridge, N. J. Universal joint. 1,478,324; Dec. 18.

Di Natale, Joseph J., New York, N. Y. Button, emblem, badge, pin, or similar article. Des. 62,322; May 8.
Dincognito, Guy, Chicago, Ill. Wire joint. 1,454,156; May 8.
Dingiroglou, John, Portland, Oreg. Oil burner. 1,468,140; Sept. 18.
Dingle, William G., Los Angeles, Calif. Method of and means for producing pure liquid hydrocyanic acid. 1,445,303; Feb. 13.
Dingman, Elmer, Michigan City, Ind. Milk-bottle closure. 1,459,579; June 19.
Dings, Alvin, assignor to Magnetic Manufacturing Company, Milwaukee, Wis. Magnetic separator. 1,459,147; June 19.
Dingwell, Samuel E., Violet, Nebr. Automobile tire chain. 1,471,248; Oct. 16.
Dinkel, Anthony, Elizabeth, N. J. Bag support. 1,441,666; Jan. 9.
Dinkelacker, Jacob, Hazleton, Pa. Horseshoe calk. 1,458,527; June 12.
Dinkelspiel, Lawrence, West New York, and E. Bosshardt, Hudson Heights, N. J., assignors to Harnapp, Dinkelspiel & Co., Inc. Lace. Des. 62,890; Aug. 21.
Dinkelspiel, Lawrence, West New York, and E. Bosshardt, Hudson Heights, N. J., assignors to Harnapp, Dinkelspiel & Co., Inc. Lace. Des. 62,891; Aug. 21.
Dinkelspiel, Lawrence, West New York, and E. Bosshardt, Hudson Heights, N. J., assignors to Harnapp, Dinkelspiel & Co., Inc. Lace. Des. 62,892; Aug. 21.
Dinkelspiel, Lawrence, West New York, and E. Bosshardt, Hudson Heights, N. J., assignors to Harnapp, Dinkelspiel & Co., Inc. Lace. Des. 62,893; Aug. 21.
Dinkelspiel, Lawrence, West New York, and E. Bosshardt, Hudson Heights, N. J., assignors to Harnapp, Dinkelspiel & Co., Inc. Lace. Des. 62,894; Aug. 21.
Dinkelspiel, Lawrence, West New York, and E. Bosshardt, Hudson Heights, N. J., assignors to Harnapp, Dinkelspiel & Co., Inc. Lace. Des. 62,895; Aug. 21.
Dinkelspiel, Lawrence, West New York, and E. Bosshardt, Hudson Heights, N. J., assignors to Harnapp, Dinkelspiel & Co., Inc. Lace. Des. 62,896; Aug. 21.
Dinkelspiel, Lawrence, West New York, and E. Bosshardt, Hudson Heights, N. J., assignors to Harnapp, Dinkelspiel & Co., Inc. Lace. Des. 62,897; Aug. 21.
Dinkelspiel, Lawrence, West New York, and E. Bosshardt, Hudson Heights, N. J., assignors to Harnapp, Dinkelspiel & Co., Inc. Lace. Des. 62,898; Aug. 21.
Dinkelspiel, Lawrence, West New York, and E. Bosshardt, Hudson Heights, N. J., assignors to Harnapp, Dinkelspiel & Co., Inc. Lace. Des. 62,899; Aug. 21.
Dinkelspiel, Lawrence, West New York, and E. Bosshardt, Hudson Heights, N. J., assignors to Harnapp, Dinkelspiel & Co., Inc. Lace. Des. 62,900; Aug. 21.
Dinkelspiel, Lawrence, West New York, and E. Bosshardt, Hudson Heights, N. J., assignors to Harnapp, Dinkelspiel & Co., Inc. Lace. Des. 62,901; Aug. 21.
Dinkelspiel, Lawrence, West New York, N. J., assignor to Harnapp, Dinkelspiel & Co. Inc. Doily, centerpiece, scarf, or similar article. Des. 63,459; Dec. 11.
Dinnin, Evelyn M. (See Barton, Charles N., assignor.)
Dinnin, Evelyn M., et al. (See Barton, Charles N., assignor.)
Dinsmoor, John L., Philadelphia, Pa. Audible signal device. 1,451,495; Apr. 10.
Dinsmoor, John L., Brooklyn, assignor to Anchor Cap and Closure Corporation, Long Island City, N. Y. Seal. 1,466,815; Sept. 4.
Dinsmoor, John L., Brooklyn, assignor to Anchor Cap and Closure Corporation, Long Island City, N. Y. Seal. 1,466,816; Sept. 4.
Dinsmoor, Paul A. (See Hill, I., and Dinsmoor.)
Dinsmoor, Paul A. (See Saylor, H. A., Peck, and Dinsmoor.)
Dinsmore, Walter F., East Orange, N. J., assignor to R. L. Polk & Company, Inc., New York, N. Y. Card holder. 1,457,885; June 5.
Dinspel, William H., New York, N. Y., assignor to Atlas Devices Company, Inc. Carrier check for pneumatic-dispatch-tube systems. 1,468,497; Sept. 18.
Dinspel, William H., New York, N. Y., and E. Weigele, Bergenfield, N. J., assignors to Atlas Devices Company, Incorporated, New York, N. Y. Pneumatic-dispatch apparatus. 1,470,600; Oct. 16.
Dion, Isaie, Swansea, Mass. Square. 1,477,210; Dec. 11.
Dion, Joseph A., Fort William, Ontario, Canada. Heating system. 1,476,441; Dec. 4.
Di Paola, Camillo, Rome, Italy. Automatic machine for the rapid or direct preparation of coffee. 1,467,778; Sept. 11.
Dirienzo, Joseph M., Madison, Wis. Separable rim. 1,474,244; Nov. 13.
Dirkson, John W., Kent, and L. E. Clough, Akron, Ohio, assignors to The Mason Tire and Rubber Company. Stitcher wheel and guard. 1,469,753; Oct. 2.
Dirkson, John W., Kent, and L. E. Clough, Akron, Ohio, assignors to The Mason Tire and Rubber Company. Core chuck. 1,469,754; Oct. 2.
Disbrow, Clarkson A. (See Thomson, W. P., and Disbrow.)
Disbrow, Clarkson A., New Rochelle, assignor to The Rail Joint Company, New York, N. Y. Renewable insulation for rail joints. 1,470,822; Oct. 16.
Disbrow, Clarkson A., New Rochelle, assignor to The Rail Joint Company, New York, N. Y. Renewable insulation for rail joints. 1,474,431; Nov. 20.
Disbrow, Reuben B., Owatonna, assignor of one-half to L. P. Ordway, St. Paul, Minn. Pneumatic tire. 1,466,891; Sept. 4.
Disch, Frank, Rutherford, N. J., assignor to Baker, Murray & Imbrie, Inc., New York, N. Y. Tire. Des. 62,395; May 22.
Disch, Joseph, and J. G. Frese, St. Louis, Mo. Adjustable step for automobile running boards. 1,457,152; May 29.
Discrola, Inc. (See Jenkins, Charles F., assignor.)
Disher, Edward. (See Williamson, S. W., and Disher.)
Diskin, Moses B., New York, N. Y. Box-staying machine. 1,446,549; Feb. 27.
Diskin, Moses B., New York, N. Y. Box form or mandrel. 1,456,096; May 22.
Dismond, Henry B., Danville, Ill. Inhaler. 1,476,194; Dec. 4.
Dissosway Chemical Company. (See Dissosway, Thurston N., assignor.)
Dissosway Chemical Company. (See Jackson, Louis L., assignor.)
Dissosway, Thurston N., Flatbush, assignor to Dissosway Chemical Company, Inc., Brooklyn, N. Y. Removing impurities from resorcine. 1,446,550; Feb. 27.
Dissosway, Thurston N., assignor to Dissosway Chemical Company, Inc., Brooklyn, N. Y. Purifying resorcin. 1,446,551; Feb. 27.
Disston, Henry, & Sons. (See Himes, Joseph, assignor.)
Ditcham, William T., Twickenham, England, assignor to Radio Corporation of America, New York, N. Y. Wireless transmitter. 1,452,960; Apr. 24.
Ditcham, William T., Twickenham, England, assignor to Radio Corporation of America, New York, N. Y. Wireless transmitter. 1,454,598; May 8.
Ditman, Norman E., New York, N. Y. Regenerated cellu-
Di Trapani, Salvatore, and J. Fecarotta, Detroit, Mich. Coffeepot. 1,471,389; Oct. 23.
Ditson, Jesse, Littleton, Colo., assignor to Ingersoll-Rand Company, Jersey City, N. J. Apparatus for forging five-point rock-drill bits. 1,475,939; Dec. 4.
Ditson, Jesse, and A. E. Peters, Littleton, Colo., assignors to Ingersoll-Rand Company, Jersey City, N. J. Pedestal punch. 1,458,328; June 12.
Ditson, Jesse, and M. S. Parkhill, Littleton, Colo., assignors to Ingersoll-Rand Company, Jersey City, N. J. Forging machine. 1,464,755; Aug. 14.
Ditta "Rema." (See Mannowski, Walter, assignor.)
Dittman, Ernst C., Chicago, Ill. Slug-casting machine. 1,444,905; Feb. 13.
Dittman, Ernst C., Chicago, Ill. Slug-casting machine. 1,448,359; Mar. 13.
Dittmann, George W., Cincinnati, Ohio. Violin chin rest. 1,473,672; Nov. 13.
Ditto, General M., Joliet, Ill. Concrete mold. 1,460,232; June 26.
Ditton, George O., Lanoka, N. J. Electric cooker and lose material and making same. 1,456,540; May 29. heater. 1,455,909; May 22.
Dittrich, Carl A., Ringwood, Okla. Road-drag attachment. 1,441,971; Jan. 9.
Divelbiss, Newton C., San Francisco, Calif. Automobile brake. 1,460,892; July 3.
Divelbiss, Newton C., San Leandro, Calif. Automobile brake. 1,460,893; July 3.
Divelbiss, Newton C., San Leandro, assignor of one-half to E. R. Bowne, San Francisco, Calif. Vehicle brake. 1,443,703; Jan. 30.
Diven, Jennie E., Oakland, Calif. Thermos container. 1,470,713; Oct. 16.
Dix, Arthur, Taft, Calif. Casing cutter. 1,460,894; July 3.
Dix, Fred G., assignor of one-half to O. A. Brandt, Chicago, Ill. Lamp. Des. 62,020; Mar. 6.
Dix, George E., Durand, Ill. Heating apparatus. 1,469,898; Oct. 9.
Dixen, Laue F. J., Frederiksberg, near Copenhagen, Denmark. Machine for preparing buttered bread. 1,460,371; July 3.
Dixie Machinery Manufacturing Company. (See Frickey, Edward H., assignor.)
Dixon, Albert S., Los Angeles, Calif. Folding ladder. 1,460,479; July 3.
Dixon, Charles W., Racine, Wis. Low-gasoline signal. 1,465,351; Aug. 21.
Dixon Development Company. (See Dixon, T. K., Klein, Cox, and Ghent, assignors.)
Dixon, John G., assignor of one-half to G. T. Hultman, Chicago, Ill. Separator foot for press feeders. 1,456,225; May 22.
Dixon, George L., East San Gabriel, Calif. Gas stove with reflecting base. 1,441,667; Jan. 9.
Dixon, H. L., Company. (See Meyer, Adolph H., assignor.)
Dixon, H. L., Company. (See Steelman, Lewis, assignor.)
Dixon, H. L., Company. (See Sterrett, Walter R., assignor.)
Dixon, Henry, Collingwood, Ontario, Canada. Vehicle spring. 1,466,817; Sept. 4.
Dixon, Herbert A. (See Montgomery, John N. and G. D., and Dixon.)

Dixon, Israel K., Johnstown, Pa. Switch-operating mechanism. 1,477,325; Dec. 11.

Dixon, Joseph, Crucible Company. (See Mix, Frederick H., assignor.)

Dixon, Philip R., Cincinnati, Ohio. Gas burner. 1,465,810; Aug. 21.

Dixon, Robert J. (See Carr, C. W., Dixon, and Conover.)

Dixon, Silas, and A. S. Baldridge, Oklahoma, Okla. Weather strip. 1,456,097; May 22.

Dixon, Thomas B., New York, N. Y. Telegraphy. Re. 15,539; Feb. 13.

Dixon, Thomas J., Madison, Wis. Game apparatus. 1,442,054; Jan. 16.

Dixon, Thomas K., A. Klein, J. C. Cox, and G. R. Ghent, assignors to Dixon Development Company, Houston, Tex. Transfer adding and totaling machine. 1,454,108; May 8.

Dixon, Walter B., assignor of one-third to V. L. Marsh and one-third to G. W. Chatham, Spray, N. C. Compressed-air liquid elevator. 1,445,497; Feb. 13.

Djurson, Axel R. K., Malmo, Sweden, assignor to Svenska Aktiebolaget Bromsregulator, Stockholm, Sweden. Automatic slack adjuster for brakes. 1,462,270; July 17.

Diesk, John, Berwyn, assignor to U. S. Ball Bearing Manufacturing Company, Chicago, Ill. Holder for reamers. 1,455,480; May 15.

Diesk, John, Berwyn, assignor to U. S. Ball Bearing Mfg. Company, Chicago, Ill. Machine for filling ball retainers. 1,456,787; May 29.

Diesk, John, Berwyn, Ill., assignor to U. S. Ball Bearing Manufacturing Company, Chicago, Ill. Dies for forming ball retainers. 1,474,073; Nov. 13.

Diesk, John, Berwyn, assignor to U. S. Ball Bearing Manufacturing Company, Chicago, Ill. Feeding drum. 1,477,211; Dec. 11.

Doak, John H., Los Angeles, Calif. Spike-driving machine. 1,448,264; Mar. 13.

Doak, John H., Los Angeles, Calif. Tie holder for spike-driving machines. 1,448,265; Mar. 13.

Doane, Frank R., Vandalia, Mich. Stove or furnace attachment. 1,470,601; Oct. 16.

Doane, Leroy C., Cleveland, Ohio, assignor to General Electric Company. Packing case. 1,456,098; May 22.

Dobazenecki, Bronislaw, Roslyn, N. Y. Metal-shearing device. 1,468,228; Sept. 18.

Dobbelaar, Ransom A., Newark, N. J. Automobile lock. 1,477,165; Dec. 11.

Dobberke, Roy O. (See Hayward, Enos F., assignor.)

Dobbin, Henry F., New York, N. Y. Photographic camera. 1,448,526; Mar. 13.

Dobbin, Henry F., assignor to Western Electric Company, Incorporated, New York, N. Y. Centrifugal governor. 1,452,266; Apr. 17.

Dobbin, Henry F., assignor to Western Electric Company, Incorporated, New York, N. Y. Centrifugal governor. 1,453,452; May 1.

Dobbin, Henry F., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange line switch. 1,461,212; July 10.

Dobbins, Horace M., Pasadena, Calif. Lateral-support monorail. 1,445,612; Feb. 13.

Dobbins, Joseph M., Rutledge, Ga. Guard for milk pails. 1,465,119; Aug. 14.

Dobbs, Albert E. (See Lovett, W. H., and Dobbs.)

Dobbs, Willis. (See Rowan, John C., assignor.)

Dobelin, Charles W. (See Morhoff, E. W., and Dobelin.)

Dobin, Sam. (See Mitchell, Alexander, assignor.)

Doble, Jesse W., assignor to Doble Laboratories, San Francisco, Calif. Apparatus for controlling the flow of liquids. 1,474,894; Nov. 20.

Doble, John A., assignor to Doble Laboratories, San Francisco, Calif. Liquid-fuel burner. 1,453,495; May 1.

Doble, John A., assignor to Doble Laboratories, San Francisco, Calif. Steam-power plant. 1,456,226; May 22.

Doble Laboratories. (See Doble, Jesse W., assignor.)

Doble Laboratories. (See Doble, John A., assignor.)

Doble, Ralph N., Bay Side, N. Y., assignor, by mesne assignments, to State Street Trust Company, trustee, Boston, Mass. Slide-top container. 1,473,782; Nov. 13.

Dobschutz, Jehu B., St. Louis, Mo. Self-filling lead pencil. 1,463,878; Aug. 7.

Dobschutz, Jehu B., assignor of one-half to W. P. Hill, St. Louis, Mo. Hairpin. 1,456,541; May 29.

Dobschutz, Walter, St. Louis, Mo. Combined running-board mat and light. 1,460,316; June 26.

Dobson, Albert, St. Lambert, Quebec, Canada, assignor, by mesne assignments, to Camel Company, Chicago, Ill. Combination door fastener. 1,469,719; Oct. 2.

Dobson, George, Sego, Utah. Mine drill. 1,477,749; Dec. 18.

Dobson, George G., Passaic, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical testing system. 1,465,352; Aug. 21.

Dobson, John E., and S. M. Crookshank, Knoxville, Tenn. Ensilage-packing device. 1,448,616; Mar. 13.

Dobson, William A., Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,456,302; May 22.

Dobyne, Stephen A., assignor to Champion Shoe Machinery Company, St. Louis, Mo. Shoe-finishing machine. 1,447,765; Mar. 6.

Dobyne, Stephen A., assignor to Champion Shoe Machinery Company, St. Louis, Mo. Shoe-sewing machine. 1,457,022; May 29.

Dobyne, Stephen A., assignor to Champion Shoe Machinery Company, St. Louis, Mo. Shoe-finishing machine. 1,476,195; Dec. 4.

Dobyne, Stephen A., assignor to Champion Shoe Machinery Company, St. Louis, Mo. Shoe-finishing machine. 1,476,196; Dec. 4.

Dobyne, Stephen A., assignor to Champion Shoe Machinery Company, St. Louis, Mo. Bearing support. 1,477,250; Dec. 11.

Dobyne, Stephen A., assignor to Champion Shoe Machinery Company, St. Louis, Mo. Fastener-stock-supplying mechanism for fastener-inserting machines. 1,478,603; Dec. 25.

Dochnal, Mathias, St. Louis, Mo. Burial vault. 1,460,409; July 3.

Dochtermann, George T., Passaic, N. J. Spark plug. 1,464,923; Aug. 14.

Dockson, Charles H., Detroit, Mich. High-pressure regulator. 1,459,501; June 19.

Dockus, Adolph P. (See Savicks, Longin, assignor.)

Dodd, Henry S., assignor to J. R. L. Starr, Toronto, Ontario, Canada. Electric iron. 1,477,326; Dec. 11.

Dodd, J. I. (See Rigney, James, assignor.)

Dodd, Jacob E., Orange, Tex. Pipe. 1,459,619; June 19.

Dodd, James F., Delaware, Ohio. Indicator. 1,473,472; Nov. 6.

Dodd, Lovell D., Franklin, Pa. Drilling head for oil-well casings. 1,446,789; Feb. 27.

Dodd, Mark D., New York, N. Y. Toy. 1,443,217; Jan. 23.

Dodd, Simon J., Hoopeston, Ill. Foot rest for shoe-blacking stands. 1,474,411; Nov. 20.

Dodd, William J., Lexington, Ky. Display stand. 1,446,036; Feb. 20.

Dodds, Ethan I. (See Flannery, J. R., and Dodds.)

Dodds, Ethan I. (See Flannery, J. R., Stafford, and Dodds.)

Dodds, Ethan I., Central Valley, N. Y., assignor to Flannery Bolt Company, Pittsburgh, Pa. Wheel structure. 1,450,064; Mar. 27.

Dodds, Ethan I., Central Valley, N. Y., assignor to Flannery Bolt Company, Pittsburgh, Pa. Lock nut. 1,450,065; Mar. 27.

Dodds, Ethan I., Central Valley, N. Y., assignor to Flannery Bolt Company, Pittsburgh, Pa. Lock nut. 1,450,066; Mar. 27.

Dodds, Ethan I., assignor, by mesne assignments, to Flannery Bolt Company, Pittsburgh, Pa. Stay-bolt structure. 1,467,359; Sept. 11.

Dodds, Ethan I., Central Valley, N. Y., assignor to Flannery Bolt Company, Pittsburgh, Pa. Stay-bolt structure. 1,472,387; Oct. 30.

Dodds, Ethan I., assignor to Flannery Bolt Company, Pittsburgh, Pa. Stay-bolt structure. 1,475,474; Nov. 27.

Dodelin, Emil A., Moorestown, N. J. Cleaner for commutators. 1,445,498; Feb. 13.

Dodge, Adiel Y., Racine, and R. J. Statz, Wind Point, Racine, assignors to Freeman Manufacturing Company, Racine, Wis. Turntable. 1,472,792; Nov. 6.

Dodge, Alfred C., Yonkers, N. Y. Weighing machine. 1,444,337; Feb. 6.

Dodge Brothers. (See Alles, W. J., and Probert, assignors.)

Dodge Brothers. (See Goddard, George E., assignor.)

Dodge Brothers. (See Huff, Russell, assignor.)

Dodge, Carrie E., administratrix. (See Dodge, Horace L.)

Dodge, Dempsey K., Houston, Tex. Forming composite lubricants. 1,477,635; Dec. 18.

Dodge, Earle D., Western Port, Md. Bumper for automobiles. 1,475,758; Nov. 27.

Dodge, F. W., Company, The. (See Whittlesey, Edward B., assignor.)

Dodge, Frank H., et al. (See Ware, Thomas E., assignor.)

Dodge, Harry C. (See Lowman, Ray L., assignor.)

Dodge, Harry H., Buffalo, N. Y. Low-pressure gas burner. 1,478,383; Dec. 25.

Dodge, Horace L., deceased, Buffalo, N. Y.; C. E. Dodge, administratrix. Dishwashing machine. 1,469,625; Oct. 2.

Dodge, Lyman E., and N. D. Preston, Rochester, assignors to General Railway Signal Company, Gates, N. Y. Automatic train-control system. 1,469,408; Oct. 2.

Dodge Manufacturing Company. (See Ahara, Edwin H., assignor.)

Dodge, Merton L., Seattle, Wash., assignor to Seattle Astoria Iron Works. Horn support for can-body-soldering machines. 1,448,917; Mar. 20.

Dodge, Milton L., Newburyport, Mass. Turn shoe. 1,453,924; May 1.

Dodge, Milton L., Newburyport, Mass. Manufacture of turn shoes and apparatus for use therein. 1,453,925; May 1.

Dodge, Ryland T., Chester, Va. Mailing tube. 1,457,770; June 5.

Dodge Tool Company. (See Larson, Arvid G., assignor.)

Dodge, William L., Dover, N. H. Envelope. 1,454,043; May 8.

Dodge, William L., Dover, N. H. Photographic film. 1,454,044; May 8.
Dodge, William L., Dover, N. H. Camera. 1,454,045; May 8.
Dodge, William L., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,457,898; June 5.
Dodge, William W., jr., Meriden, Conn. Toaster. 1,440,379; Jan. 2.
Dodge, William W., jr., Meriden, Conn. Toaster. 1,455,190; May 15.
Dodson, Arvy B., Longton, Kans. Trap for capturing animals. 1,462,102; July 17.
Dodson, Arvy B., Longton, Kans. Trap. 1,464,261; Aug. 7.
Dodson, Carroll E., Kansas City, Mo., assignor, by mesne assignments, of one-half to Union Pharmacal Company. Vanity case. 1,455,432; May 15.
Dodson, Darien W. Dorranceton Borough, Pa. Means for controlling hydraulic rams. 1,447,342; Mar. 6.
Dodson, David W., Wichita, Kans. Building wall. 1,477,867; Dec. 18.
Dodson, Edward, London, England. Apparatus for controlling the ignition point in internal-combustion engines. 1,466,470; Aug. 28.
Dodson, Walter L., Edna, Tex. Clipper. 1,469,072; Sept. 25.
Doe, Walter S., Kent, Ohio. Renewable primary dry-cell battery. 1,464,413; Aug. 7.
Doe, Walter S., Kent, Ohio. Dry-cell primary battery. 1,467,240; Sept. 4.
Doe, William B., Skyland, N. C. Combined mixing and inspection attachment for bottling machines. 1,448,617; Mar. 13.
Doehler Die Casting Company. (See Kralund, J., and Duckworth, assignors.)
Doehler Die Casting Company. (See Pack, Charles, assignor.)
Doehler, Herman H., and M. Stern, Brooklyn, N. Y.; said Stern assignor to said Doehler. Knife. 1,476,030; Dec. 4.
Doerfler, Otto H. Omaha, Nebr. Serving apparatus. 1,450,434; Apr. 3.
Doering, Charles J. (See Doering, William M. and C. J.)
Doering, Edward E. (See McKay, W. H., and Doering.)
Doering, Emil W., Florence, Mass. Sand valve. 1,446,842; Feb. 27.
Doering, George H., Brooklyn, N. Y. Trolling spoon. 1,444,338; Feb. 6.
Doering, George H., Brooklyn, N. Y. Artificial bait. 1,473,420; Nov. 6.
Doering, William M. and C. J., Cincinnati, Ohio. Carton-display rack. 1,447,932; Mar. 6.
Doerner, John L., assignor of one-half to S. Gallmeier, Rochester, N. Y. Sanitary holder for toilet articles. 1,442,712; Jan. 16.
Doerr, Carl F., Yonkers, N. Y. Game apparatus. 1,444,734; Feb. 6.
Doerr, Harry E., St. Louis, Mo. Golf club. 1,467,714; Sept. 11.
Doerr, Harry E., assignor to Scullin Steel Co., St. Louis, Mo. Truck side frame. 1,466,892; Sept. 4.
Doerr, Lawrence, Silverton, Oreg. Hot-water boiler. 1,475,056; Nov. 20.
Doerres, Ralph N., and W. W. McGee, Chillicothe, Ohio. Antiskid chain. 1,467,927; Sept. 11.
Dohe, Russell C., Okeene, Okla. Film-repair tool. 1,450,795; Apr. 3.
Doherty, Henry L. (See Laird, Wilbur G., assignor.)
Doherty, Henry L., New York, N. Y. Coal-carbonizing furnace. 1,449,591; Mar. 27.
Doherty, Henry L., New York, N. Y. Distilling oil. 1,472,116; Oct. 30.
Doherty, Henry L., assignor to Doherty Research Company, New York, N. Y. Domestic heating stove. 1,458,279; June 12.
Doherty, James J., Londonderry, Ireland. Screw driver, brace, and the like. 1,441,972; Jan. 9.
Doherty, John, New York, N. Y., assignor to Superior Projector, Inc. Motion-picture machine. 1,455,393; May 15.
Doherty Research Company. (See Doherty, Henry L., assignor.)
Doherty Research Company. (See Fisher, James P., assignor.)
Doherty Research Company. (See Greenfield, Benjamin, assignor.)
Doherty Research Company. (See Loebell, Henry O., assignor.)
Doherty Research Company. (See McDonnell, G. B., and Peck, assignors.)
Doherty Research Company. (See Nutting, P. J., and Hayward, assignors.)
Doig, William S., Inc. (See Macdonald, Charles A., assignor.)
Doktor, Jozsef, St. Clairsville, Ohio. Rail scarf joint. 1,463,680; July 31.
Dolan, Edward J., and P. Tatore, New York, N. Y. Apparatus for raising and lowering materials. 1,471,454; Oct. 23.
Dolan, Frank J., Brooklyn, assignor to J. M. Price, New York, N. Y. Paper box. 1,443,564; Jan. 30.
Dolan, Frank J., Brooklyn, assignor to J. M. Price, New York, N. Y. Box. 1,443,565; Jan. 30.
Dolan, Frank J., Brooklyn, assignor to J. M. Price, New York, N. Y. Machine for making paper boxes. 1,467,026; Sept. 4.
Dolan, Frank J., Brooklyn, assignor to J. M. Price, New York, N. Y. Making paper boxes. 1,467,027; Sept. 4.
Dolan, John, Dayton, Ohio. Water tower and the like. 1,468,998; Sept. 25.
Dolan, William J., Lovilia, assignor of one-half to L. W. Malloy, Albia, Iowa. Fencepost. 1,443,979; Feb. 6.
Doland, Samuel M. (See Van Duyne, Simeon, assignor.)
Dolbear, Clinton E., assignor to Industrial Research Co., San Francisco, Calif. Controlling foaming of boiling liquids. 1,440,973; Jan. 2.
Dolbear, Clinton E., assignor to Industrial Research Co., San Francisco, Calif. Recovering potassium from brines. 1,466,352; Aug. 28.
Dolbear, Clinton E., assignor to Industrial Research Co San Francisco, Calif. Recovering alkali-metal salt from brines. 1,466,353; Aug. 28.
Dolbear, Samuel H., assignor of one-half to E. L. Oliver, San Francisco, Calif. Mehtod of and apparatus for concentrating ores. 1,458,467; June 12.
Dolbear, Samuel H., San Francisco, Calif., assignor to Pneumatic Process Flotation Company, New York, N. Y. Apparatus for the concentration of ores. 1,478,703; Dec. 25.
Dolge, Arthur H., and C. F. Hendricks, Westport, Conn. Flexible spiral tube. 1,477,695; Dec. 18.
Dolge, Karl A., Westport, Conn. Soap dispenser. 1,465,161; Aug. 14.
D'Olier, Henry, jr., Bridgeport, Conn. Illuminating fixture gauge. 1,470,870; Oct. 16.
D'Olier, William L. (See Geiger, Eugen, assignor.)
Dolive, H. L., et al. (See Bloodgood, James H., assignor.)
Doll, William, St. Louis, Mo. Air-hose cabinet. 1,468,776; Sept. 25.
Dollar Trust, The. (See Holland, Walter, assignor.)
Dollin, Edgar N., Syracuse, N. Y. Fluid-pressure controller. 1,447,285; Mar. 6.
Dollin, Edgar N., Syracuse, N. Y. Diecasting machine. 1,469,073; Sept. 25.
Dollin, Edgar N., Syracuse, N. Y. Fluid pressure control mechanism. 1,469,074; Sept. 25.
Dollin, Edgar N., Syracuse, N. Y. Fire extinguisher. 1,469,501; Oct. 2.
Dollinger, Lewis L., Rochester, N. Y. Air filter. 1,457,351; June 5.
Dollinger, Lewis L., Rochester, N. Y. Air filter. 1,474,412; Nov. 20.
Dollison, James M., and C. E. Smith, Columbus, Ohio. Changeable-color spotlight. 1,460,644; July 3.
Dollman, Hubert, Birmingham, England. Pipe joint. 1,477,696; Dec. 18.
Dolph, Norman L., Detroit, Mich. Transformer temperature indicator. 1,443,786; Jan. 30.
Dolphin, Mary C. R., Bloomfield, Nebr. Bodkin. 1,452,030; Apr. 17.
Dom, Alexander, Cincinnati, Ohio, assignor to Wilson-Jones Loose Leaf Company, Chicago, Ill. Leaf-upsetting tray for vertical files for machine bookkeeping. 1,443,566; Jan. 30.
Doman, Albert E., assignor to Doman Manufacturing Corporation, Elbridge, N. Y. Regulating system for electric generators. 1,468,006; Sept. 18.
Doman, Albert E., assignor to Doman Manufacturing Corporation, Elbridge, N. Y. Regulating system for electric generators. 1,468,007; Sept. 18.
Doman, Lewis B., East Syracuse, N. Y. Air-cooling system for internal-combustion engines. 1,469,409; Oct. 2.
Doman, Lewis B., East Syracuse, assignor to The Amphion Piano Player Company, Syracuse, N. Y. Self-playing musical instrument. 1,440,662; Jan. 2.
Doman Manufacturing Corporation. (See Doman, Albert E., assignor.)
Domarus, George V., jr., Saginaw, Mich. Adjustable motor fan. 1,455,910; May 22.
Domestic Electric Company. (See Cook, Joel R., assignor.)
Domestic Electric Company, The. (See Mace, Arthur T., assignor.)
Domestic Electric Company, The. (See Spielman, M. H., and Goldrick, assignors.)
Dominguez, Manuel D., New Orleans, La. Electric heater. 1,451,537; Apr. 10.
Dominguez, Manuel D., assignor of ten per cent to C. A. Denis and G. Sarpy, New Orleans, La. Water heater and control switch therefor. 1,475,003; Nov. 20.
Dominguez, Zacarias, Los Angeles, Calif. Wind-power wheel. 1,443,912; Jan. 30.
Dominick & Haff. (See Dominick, Henry B., assignor.)
Dominick, Henry B., assignor to Dominick & Haff, New York, N. Y. Spoon, fork, or similar article. Des. 61,856; Jan. 30.
Dominiski, Joe F. (See Andersen, Alfred R., assignor.)
Domizi, David F., Cleveland, Ohio. Japanning apparatus. 1,463,313; July 31.
Dommer, Otto, Karlsruhe, Baden, Germany. Method of and apparatus for determining the heat value of gases. 1,476,601; Dec. 4.
Domoto, Takanoshin, San Francisco, Calif. Wash wringer. 1,459,444; June 19.

Domowicz, George, Wilkes-Barre, Pa. Gas extractor. 1,464,647; Aug. 14.
Donald, Donald, Sydney, New South Wales, Australia. Door lock. 1,442,133; Jan. 16.
Donald, John A., Wilkinsburg, Pa. Device for handling packages. 1,468,878; Sept. 25.
Donald, William H., assignor of one-half to F. A. Knowles and one-fourth to A. A. Knowles, Cincinnati, Ohio. Slicing machine. 1,473,145; Nov. 6.
Donaldson, Charles, Augusta, Kans., and C. Day, Okmulgee, Okla. Glass-drawing apparatus. 1,461,603; July 10.
Donaldson, Charles A., San Antonio, Tex. Steering wheel. 1,459,090; June 19.
Donaldson, Charles B., Cleveland, Ohio. Oil burner and heater. 1,473,020; Nov. 6.
Donaldson, Elizabeth C., Highland Park, Mich., assignor to C. S. Davis, R. P. Johnson, J. C. O'Hara, J. F. McNaughton, A. E. Boyce, and H. C. Gordon, Muncie, Ind. Electric heater. 1,453,832; May 1.
Donaldson, George A., Girard, Ill. Display easel. 1,453,238; Apr. 24.
Donaldson, John P., Winnsboro, Tex. Churn. 1,447,838; Mar. 6.
Donaldson, John S., New York, N. Y. Tool and tool retainer. 1,443,461; Jan. 30.
Donaldson, John S., New York, N. Y. Tool. 1,458,171; June 12.
Donaldson, Joseph W. (See Clum, Frederick H., assignor.)
Donaldson, Stephen M., Meggett, S. C. Railway signal. 1,451,438; Apr. 10.
Donaldson, William J., Philadelphia, Pa. Picture slide. 1,465,353; Aug. 21.
Donat, Joseph L., Chicago, Ill. Resilient wheel for vehicles. 1,452,291; Apr. 17.
Donat, Joseph L., Chicago, Ill. Resilient wheel for vehicles. 1,452,292; Apr. 17.
Donat, Joseph L., Chicago, Ill. Resilient tire. 1,452,293; Apr. 17.
Donat, Joseph L., Chicago, Ill. Resilient wheel. 1,452,294; Apr. 17.
Donath, Bruno, Berlin, Germany. Jacketed vacuum container. 1,448,996; Mar. 20.
Donath, George A. (See Hartson, F. C., and Donath.)
Donauer, Max, assignor to The Elyria Enameled Products Company, Elyria, Ohio. Liquid-agitating-tank mechanism. 1,446,245; Feb. 20.
Donauer, Max, assignor to The Elyria Enameled Products Company, Elyria, Ohio. Condenser. 1,453,041; Apr. 24.
Dondero, John, Stockton, Calif. Pliers. 1,475,569; Nov. 27.
Donelson, Martin, Memphis, Tenn. Suture instrument. 1,474,245; Nov. 13.
Doner, Martin J., Venice, Calif. Wall construction. 1,477,632; Dec. 18.
Doner, Robert, Chicago, Ill. Automobile shade. 1,441,487; Jan. 9.
Doner, Robert, Chicago, Ill. Automobile shade. 1,442,255; Jan. 16.
Doner, Robert, Chicago, Ill. Game. 1,458,468; June 12.
Donham, Grant, Oakland, Calif. Multiple-roller electric transmission trolley. 1,443,873; Jan. 30.
Donigan, Christopher F., Newark, N. J. Heel. 1,465,896; Aug. 21.
Donigan, Horn G., St. Louis, Mo. Blowtorch. 1,441,488; Jan. 9.
Donkers, Louis B., Antwerp, Belgium. Street sweeper. 1,454,884; May 15.
Donkers, Louis B., Antwerp, Belgium. Automatic kneading machine. 1,467,715; Sept. 11.
Donle, Harold P., Meriden, Conn., assignor to The Connecticut Telephone & Electric Company, Inc. Detector. 1,445,613; Feb. 13.
Donle, Harold P., assignor to The Connecticut Telephone & Electric Company, Incorporated, Meriden, Conn. Variometer. 1,456,267; May 22.
Donle, Harold P., assignor to The Connecticut Telephone & Electric Company, Incorporated, Meriden, Conn. Inductance. 1,465,546; Aug. 21.
Donle, Harold P., assignor to The Connecticut Telephone & Electric Co. Inc., Meriden, Conn. Adapter. 1,469,295; Oct. 2.
Donle, Harold P., assignor to The Connecticut Telephone & Electric Company, Incorporated, Meriden, Conn. Radiofrequency device. 1,476,156; Dec. 4.
Donle, Harold P., assignor to The Connecticut Telephone & Electric Company, Incorporated, Meriden, Conn. Method and apparatus for increasing electronic emission. 1,477,868; Dec. 18.
Donle, Harold P., assignor to The Connecticut Telephone and Electric Company, Incorporated, Meriden, Conn. Electronic emission. 1,477,869; Dec. 18.
Donley, Arthur J., Chicago, Ill. Spark plug. 1,448,656; Mar. 13.
Donley Brothers Company, The. (See Chapman, Alfred W., assignor.)
Donley Brothers Company, The. (See Donley, Ernest F., assignor.)
Donley, Ernest F., assignor to The Donley Brothers Company, Cleveland, Ohio. Fireplace-damper controller. 1,454,538; May 8.
Donlin, George, Newark, N. J. Hair extender. 1,448,204; Mar. 13.
Donlon, Charles. (See Kroonen, Leo, assignor.)
Donna Lee Perfumed Deodorant Company. (See Collins, Charles T., assignor.)
Donne, John C., Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,478,702; Dec. 25.
Donnell, Andrew I., and H. F. Wruck, San Francisco, Calif. Roll feed device. 1,472,964; Nov. 6.
Donnell, Lloyd H., Ann Arbor, Mich. Sound amplifier. 1,469,899; Oct. 9.
Donnellan, Edward P., assignor to Standard-Johnson Co., Inc., Brooklyn, N. Y. Counting mechanism. 1,468,733; Sept. 25.
Donnellan, James F. (See Hawkins, W. G., Bloodgood, and Donnellan.)
Donnelley, R. R., & Sons Company. (See Frazier, P., Pachter, Ackley, and Alger, assignors.)
Donnelly, Bernard P., Holland, Mich. Curtain-light mounting. 1,456,724; May 29.
Donnelly, George W., Rouzerville, Pa. Treating piston and cylinder surfaces. 1,472,295; Oct. 30.
Donnelly, John F., North Plainfield, N. J. Hair crimper. 1,460,126; June 26.
Donner, Philip C., Summit, N. J. Pelt or skin dehairing machine. 1,470,714; Oct. 16.
Donner Steel Company. (See Foell, Adolph L., assignor.)
Donner Steel Company. (See Worthington, Warren, assignor.)
Donnianni, James and J., Danbury, Conn. Educational and amusement device. 1,469,919; Oct. 9.
Donnianni, Joseph. (See Donnianni, James and J.)
D'Onofrio, Luigi, New York, N. Y. Mechanism for dispensing ingredients. 1,478,834; Dec. 25.
Donogh, Robert J., New York, N. Y. Demountable rim. 1,465,354; Aug. 21.
Donoho, Johnnie E., Milton, Iowa. Fabric stretching and clamping device. 1,466,523; Aug. 28.
Donohue, John M., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether composition. 1,473,217; Nov. 6.
Donohue, John M., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether composition. 1,473,218; Nov. 6.
Donohue, John M., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether composition. 1,473,219; Nov. 6.
Donohue, John M., and E. S. Farrow, jr., assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether film and composition for making the same. 1,460,097; June 26.
Donohue, Thomas H., Washington, D. C. Manhole closure. 1,447,286; Mar. 6.
Donon, Pierre, assignor to Etablissements Baudet & Donon, Paris, France. Change-speed device. 1,458,469; June 12.
Donovan, Frederick L., Cambridge, Mass. Display device. 1,474,246; Nov. 13.
Donovan, Jerome J., Oakland, Calif. Bath spray. 1,446,887; Feb. 27.
Donovan, Timothy, Portsmouth, N. H., assignor to Morley Button Manufacturing Company, Boston, Mass. Shank button. 1,454,046; May 8.
Donovan, William J., Philadelphia, Pa. Curtain and drapery support. 1,460,575; July 3.
Donzelli, Luigi. (See Cappellari, Alfonso, assignor.)
Donzero, Peter, Clinton, Ind. Antitheft lock. 1,477,432; Dec. 11.
Doody, Denis, Montreal, Quebec, Canada. Shipping box. 1,478,325; Dec. 18.
Doody, John E., Toronto, Ontario, Canada, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,451,293; Apr. 10.
Doody, William S. H., Sydney, New South Wales, Australia. Making composite sheets from tea-tree bark. 1,445,132; Feb. 13.
Doolan, Henry J., Washington, D. C. Combined indicator and recorder. 1,455,835; May 22.
Dooley, Clarence H., Rock Island, Ill. Friction clutch. 1,444,782; Feb. 13.
Dooley, Frank M., Mobile, Ala. Battery box. 1,458,280; June 12.
Dooley, John J., Bootle, Liverpool, England. Welding electrode holder. 1,467,028; Sept. 4.
Dooley, Patrick J. (See Finton, Thomas J., assignor.)
Dooley, Richard, Meriden, Conn. File holder. 1,442,469; Jan. 16.
Dooley, William J., New York, N. Y. Device for opening and closing sliding doors. 1,478,326; Dec. 18.
Dooner, James J., Norristown, assignor of one-half to J. J. Farren, Philadelphia, Pa. Locking device for gas valves. 1,451,944; Apr. 17.
Door Control Company. (See Dorl, Walter P., assignor.)
Doose, George, and C. Gartner, Pasadena, Calif. Traffic signal for motor vehicles. 1,458,116; June 5.
Doran, William F., Philadelphia, Pa. Headlight. 1,463,524; July 31.
Doran, William F., Philadelphia, Pa. Headlight. 1,463,525; July 31.
Doranski, Julius T., Chicago, Ill. Vehicle tire. 1,471,949; Oct. 23.

Dorau, John P., North Fond du Lac, Wis. Ironing board. 1,463,068; July 24.
Dorau, John P., North Fond du Lac, Wis. Foldable ironing board. 1,463,069; July 24.
Dorau, John P., North Fond du Lac, Wis. Foldable ironing board. 1,463,070; July 24.
Doré, Louis, Snoqualmie Falls, Wash. Cultivator. 1,465,811; Aug. 21.
Doremire, John S., Chalmers, Ind. Ditching machine. 1,456,588; May 29.
Dorey, George B., Montreal, Quebec, Canada, assignor to W. H. Miner, Chazy, N. Y. Friction draft rigging. 1,456,974; May 29.
Dorey, William A., Newark, Ohio, assignor to Holophane Glass Co. Inc., New York, N. Y. Prismatic glass globe. Des. 61,906; Feb. 6.
Dorey, William A., Newark, Ohio, assignor to Holophane Glass Co., Inc., New York, N. Y. Prismatic glass globe. Des. 62,187; Apr. 3.
Dorey, William A., Newark, Ohio, assignor to Holophane Glass Co. Inc., New York, N. Y. Illuminating appliance. 1,459,325; June 19.
Dorey, William A., Newark, Ohio, assignor to Holophane Glass Company, Incorporated, New York, N. Y. Refractor. 1,470,602; Oct. 16.
Dorey, William A., Newark, Ohio, assignor to Holophane Glass Company, Inc., New York, N. Y. Indirect-lighting unit. 1,472,639; Oct. 30.
Dorey, William A., Newark, Ohio, assignor to Holophane Glass Company, Inc., New York, N. Y. Illuminating appliance. 1,475,260; Nov. 27.
Dorf & Company. (See Lebow, Maurice, assignor.)
Dorl, Walter P., assignor to Door Control Company, Detroit, Mich. Checkstrap for doors. 1,459,949; June 26.
Dorman, Harley A. (See Weiske, W. C., and Dorman.)
Dorman, Morris, Baltimore, Md. Cloth-spreading machine. 1,475,802; Nov. 27.
Dorman, William S., assignor to R. G. Leonard, Brooklyn, N. Y. Speed governor. 1,458,470; June 12.
Dorment, Frank C., Cleveland, Ohio, assignor to The Mineral Bath Cabinet Company. Cabinet. 1,455,191; May 15.
Dorn, Charles A., Canton, Ohio. Pulverizing machine. 1,457,693; June 5.
Dorn, Henry C., Milwaukee, Wis. Composition board. 1,450,582; Apr. 3.
Dorn, John A., Mobile, Ala. Bedspring. 1,459,620; June 19.
Dornberger, Victor, San Jose, Calif. Inkwell. 1,458,471; June 12.
Dornburgh, William H., Schenectady, N. Y. Tire. 1,440,974; Jan. 2.
Dorney, William, and M. Quint, Hays, Kans. Excavator. 1,471,887; Oct. 23.
Dornier, Claude, Friedrichshafen, assignor, by mesne assignments, to Dornier-Metallbauten Gesellschaft mit beschränkter Haftung and C. Dornier, Friedrichshafen, A. B., Germany. Air propeller. 1,461,866; July 17.
Dornier, Claudius, et al. (See Dornier, Claude, assignor.)
Dornier, Claudius, et al. (See Dornier, Claudius, assignor.)
Dornier, Claude, assignor to the Firm Dornier-Metallbauten Gesellschaft mit beschränkter Haftung, Friedrichshafen, Germany. Riveting machine. 1,467,536; Sept. 11.
Dornier, Claudius, Friedrichshafen, assignor to Zeppelinwerke Lindau, Gesellschaft mit beschrankter Haftung, Lindau-Reutin, Germany. Flying-machine carriage. 1,448,834; Mar. 20.
Dornier, Claudius, Friedrichshafen, assignor to Zeppelinwerke Lindau, Gesellschaft mit beschränkter Haftung, Lindau-Reutin, Germany. Metallic structure for aircraft. 1,458,645; June 12.
Dornier, Claudius, Friedrichshafen, near Berlin, assignor of one-half to Dornier-Metallbauten, Gesellschaft mit beschränkter Haftung, Friedrichshafen, Germany. Guttiform section. 1,452,961; Apr. 24.
Dornier, Claudius, assignor of one-half to Dornier-Metallbauten, Gesellschaft mit beschränkter Haftung, Friedrichshafen, Germany. Hollow sheet-metal structure. 1,460,372; July 3.
Dornier, Claudius, Friedrichshafen, Germany, assignor, by mesne assignments, to himself and Dornier Metallbauten Gesellschaft mit beschrankter Haftung. Giant hydroplane. 1,441,563; Jan. 9.
Dornier, Claudius, Friedrichshafen, Germany, assignor, by mesne assignments, to himself and Dornier Metallbauten Gesellschaft mit beschränkter Haftung. Flying-machine propulsion. 1,443,567; Jan. 30.
Dornier, Claudius, assignor, by mesne assignments, to the Firm Dornier-Metallbauten Gesellschaft mit beschränkter Haftung and C. Dornier, Friedrichshafen, Germany. Air propeller. 1,467,537; Sept. 11.
Dornier, Claudius, assignor to the Firm Luftschiffbau Zeppelin Gesellschaft mit beschrankter Haftung, Friedrichshafen, Germany. Hydroaeroplane. 1,453,496; May 1.
Dornier-Metallbauten Gesellschaft mit beschränkter Haftung et al. (See Dornier, Claude, assignor.)
Dornier-Metallbauten Gesellschaft mit beschränkter Haftung. (See Dornier, Claude, assignor.)
Dornier-Metallbauten Gesellschaft mit beschränkter Haftung et al. (See Dornier, Claudius, assignor.)
Dornseif, Hugo, Bergerhof, Germany. Means for preventing fowl from escaping. 1,460,748; July 3.
Dorr Company, The. (See Barnebl, August J., jr., assignor.)
Dorr Company, The. (See Davis, Edward W., assignor.)
Dorr Company, The. (See Peck, Charles L., assignor.)
Dorr Company, The. (See Piper, William E., assignor.)
Dorrance, Donald D., Scotts, Mich. Cooking utensil. 1,470,963; Oct. 16.
Dorrance, Mae, Smithfield, Ohio. Hospital pad or cushion. 1,478,557; Dec. 25.
Dorrington, H. T. (See Van Doren, Chester J., assignor.)
Dorris, George P., St. Louis, Mo. Steering device. 1,476,956; Dec. 11.
Dorris, George P., assignor to Dorris Motor Car Company, St. Louis, Mo. Internal-combustion engine. 1,442,256; Jan. 16.
Dorris, George P., assignor to Dorris Motor Car Company, St. Louis, Mo. Internal-combustion engine. 1,442,257; Jan. 16.
Dorris, George P., assignor to Dorris Motor Car Company, St. Louis, Mo. Internal-combustion engine. 1,442,258; Jan. 16.
Dorris Motor Car Company. (See Dorris, George P., assignor.)
Dorris, Oscar R., Harney, Minn. Telegraph instrument. 1,449,501; Mar. 27.
Dorsch, Albert A., Milwaukee, Wis. Chart. 1,478,384; Dec. 25.
Dorsch, Frank J., Winona, Minn. Wrench. 1,462,788; July 24.
Dorschel, John L., Kitchener, Ontario, Canada. Cue tip. 1,457,729; June 5.
Dorsey, David J., Baton Rouge, La. Soot blower. 1,473,757; Nov. 13.
Dorsey, Farnum F., assignor to North East Electric Company, Rochester, N. Y. Damping device for instruments. 1,461,381; July 10.
Dorsey, Farnum F., assignor to North East Electric Company, Rochester, N. Y. Pigtail connection. 1,465,255; Aug. 21.
Dorsey, Farnum F., assignor to North East Electric Company, Rochester, N. Y. Brush rigging. 1,469,720; Oct. 2.
Dorsey, John W., Winnipeg, Manitoba, Canada. Electric heating system. 1,469,626; Oct. 2.
Dorsey, John W., Winnipeg, Manitoba, Canada. Commutation of dynamo-electric machines. 1,470,428; Oct. 9.
Dorsey, Parmer, Wichita, Kans., assignor to Imperial Brass Manufacturing Company, Chicago, Ill. Cutting torch. 1,474,957; Nov. 20.
Dorsey, Philip H., Algiers, La. Cushion wheel. 1,453,092; Apr. 24.
Dorward, James L., West New York, N. J. Bow necktie. 1,446,843; Feb. 27.
Dorward, James L., San Francisco, Calif. Necktie holder. 1,449,146; Mar. 20.
Dorward, John G., San Francisco, Calif. Rotary power head. 1,467,145; Sept. 4.
Dorwin, Otis J., New York, N. Y. Measuring apparatus. 1,473,473; Nov. 6.
Doscher, Carl F. (See Thompson, R. S., and Doscher.)
Dose, Charles C., Seattle, Wash., assignor to Perfeclite Manufacturing Co. Lighting fixture. 1,470,964; Oct. 16.
Dosenbach, Benjamin H., deceased, Butte, Mont.; E. M. Dosenbach, executrix. Concentrating ores. 1,477,476; Dec. 11.
Dosenbach, Edna M., executrix. (See Dosenbach, Benjamin H.)
Doskow, Samuel, New York, N. Y. Dental attachment for removable bridges and clasp dentures. 1,469,177; Sept. 25.
Doss, Noble C., Atlanta, Ga. Antiskidding device. 1,477,042; Dec. 11.
Dossman, Carolina, et al. (See Gill, Charles H., assignor.)
Dossmann, Edward, et al. (See Gill, Charles H., assignor.)
Dostal, George A., assignor to Pictorial Soap Manufacturing Corporation, New York, N. Y. Apparatus for applying paraffin to soap cakes. 1,457,217; May 29.
Dostal, John R. (See Scarborough, H., and Dostal.)
Dostal, Joseph L., assignor to E. Holley, Detroit, Mich. Lampblack burner. 1,462,691; July 24.
Dostal, Leo, Kladno, Czechoslovakia. Pedestal. 1,453,239; Apr. 24.
Dostal, Leo, Kladno, Czechoslovakia. Roll of rolling mills. 1,469,410; Oct. 2.
Dotsch, Raymond F. (See Roberts, E. O., and Dotsch.)
Dotterweich, Edward J., Syracuse, assignor to O. F. Cabana, Buffalo, N. Y. Wheel. 1,462,884; July 24.
Doty, Chester C., Danville, and C. W. Coffey, Monticello, Ky. License plate. 1,451,765; Apr. 17.
Doty, Giles A., Davenport, Iowa. Nonslip guard for automobile tires. 1,454,109; May 8.
Doty, Harry, Caldwell, N. J. Record appliance. 1,457,964; June 5.
Doty, John W., Olney, Ill. Mop-handle fastener. 1,444,416; Feb. 6.

Doty, Joseph L., New York, N. Y. Paint-removing tool. 1,442,559; Jan. 16.
Doty, Leman E., Elyria, Ohio. Recovery of ammonia. 1,457,877; June 5.
Doty, Leo J., Kansas City, Mo. Safety film reel. 1,461,029; July 10.
Doty, Nick M., Alcester, S. Dak. Automatic hog oiler. 1,478,178; Dec. 18.
Doub, John H., Walnut, Kans. Dispatch holder. 1,461,382; July 10.
Double Drive Truck Company, The. (See Keck, Robert, assignor.)
Double, G. W., et al. (See Neilly, Daniel H., assignor.)
Doubleday, Harold, Tryon, N. C. Flexible hand cultivator. 1,441,789; Jan. 9.
Doucet, Louis C. A. de B., London, England. Firearm for teaching or practicing the aiming thereof, and for adapting the same for signaling. 1,451,294; Apr. 10.
Dougall, William, Riverside, Calif. Propeller. 1,443,013; Jan. 23.
Dougan, Kennedy, Minneapolis, Minn. Submarine war vessel. 1,467,611; Sept. 11.
Dougan, Kennedy, Minneapolis, Minn. Temperature-regulating means. 1,468,102; Sept. 18.
Dougher, John A., Princeton, Mo. Railway switch. 1,476,060; Dec. 4.
Dougherty, Elmer E., Glen Ridge, assignor to L. Trust, Ridgefield Park, N. J. Manufacture of lithopone. 1,474,766; Nov. 20.
Dougherty, Frank, Cheyenne, Wyo. Sadiron support. 1,472,866; Nov. 6.
Dougherty, H. D., & Company. (See Dougherty, Laurence R., assignor.)
Dougherty, John J., assignor of one-half to W. P. Boland, Scranton, Pa. Chain-link shoe. 1,459,091; June 19.
Dougherty, Laurence R., Penfield, assignor to H. D. Dougherty & Company, Incorporated, Philadelphia, Pa. Corner connection for bedsteads. 1,443,071; Jan. 23.
Dougherty, Paul S., Chicago, Ill. Trap for refrigerator cars. 1,456,428; May 22.
Dougherty, Robert J., Canton, Ill. Railway-crossing signal. 1,477,697; Dec. 18.
Dougherty, Robert S. A. (See Day, E. W., and Dougherty.)
Doughty, Henry J., Providence, R. I., assignor to Doughty Tire Company, Portland, Me. Tires. 1,446,165; Feb. 20.
Doughty, Herman W. (See Behan, T. W., and Doughty.)
Doughty, Leon A., Glenside, and F. S. Carlile, Philadelphia, Pa. Battery terminal. 1,460,895; July 3.
Doughty Tire Company. (See Doughty, Henry J., assignor.)
Douglas, Bernard M., assignor to A. Bourjois & Co., Inc., New York, N. Y. Bottle. Des. 63,027; Sept. 18.
Douglas, George F., New York, N. Y. Artists' sketch box. 1,454,709; May 8.
Douglas, Hammond B., Worcester, Mass., assignor to The Washburn Company. Soap shaker. 1,473,783; Nov. 13.
Douglas, Harry A., Bronson, Mich. Lamp. 1,449,503; Mar. 27.
Douglas, Harry A., Bronson, Mich. Switching device. 1,450,253; Apr. 3.
Douglas, Harry A., Bronson, Mich. Electrical connector. 1,464,468; Aug. 7.
Douglas, Harry A., Bronson, Mich. Internal-combustion engine. 1,464,469; Aug. 7.
Douglas, John H., Bradford, Pa. Fire kindler. 1,473,837; Nov. 13.
Douglas, Louis M. (See Parsons, C. A., Cook, and Douglas.)
Douglas, Paul H. (See Thomas, I. D., and Douglas.)
Douglas, Theodore, Scarboro, assignor to Duplex Engine Governor Company, Inc., Brooklyn, N. Y. Valve. 1,475,175; Nov. 27.
Douglas, William H. (See Brooks, James H., assignor.)
Douglas, William H., Commerce, Tex. Faucet. 1,442,654; Jan. 16.
Douglas, William H., New York, N. Y. Power-transmission device. 1,457,694; June 5.
Douglas, William J., Numa, Iowa. Extension filler pipe. 1,463,202; July 31.
Douglass, Frank E. (See Townsend, W. S., and Douglass.)
Douglass, Leon F., San Rafael, Calif. Making a colored photographic image. 1,450,412; Apr. 3.
Douglass, Leon F., Menlo Park, Calif. Method and apparatus for producing novel and multiple image effects in photography. 1,477,999; Dec. 18.
Douglass, Samuel E., Raleigh, N. C. Dental tray. 1,445,499; Feb. 13.
Douglass, Samuel E., Raleigh, N. C. Headlight mechanism. 1,461,604; July 10.
Douglass, Samuel E., Raleigh, N. C. Spark arrester. 1,461,605; July 10.
Douglass, William E., Wilkinsburg, Pa., assignor to Westinghouse Electric and Manufacturing Company. Constant-current transformer. 1,469,213; Oct. 2.
Dougless, Lem, et al. (See Craver, Thomas G., assignor.)
Doulett, Henry T., Brockton, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Shoemaking. 1,455,523; May 15.
Douthett, Orin R. (See Forrest, C. N., Hayden, and Douthett.)
Doutney, George, Brooklyn, N. Y. Safety envelope. 1,470,715; Oct. 16.
Douvier, Lawrence T. Amboy, Ill. Automatic door opening and closing mechanism. 1,447,411; Mar. 6.
Dovel, James P., Birmingham, Ala. Power shovel. 1,444,670; Feb. 6.
Dover, Dennis L., Anderson, S. C. Clearer for the middle steel rollers or spinning frames. 1,454,316; May 8.
Dover, George W., Cranston, R. I. Auxiliary windshield. 1,472,356; Oct. 30.
Dover, George W., Cranston, and W. S. Glines, Providence, R. I., assignors to George W. Dover, Incorporated. Drawing device. 1,447,768; Mar. 6.
Dover, George W., Cranston, and W. S. Glines, Providence, R. I., assignors to George W. Dover, Incorporated. Press. 1,447,769; Mar. 6.
Dover, George W., Incorporated. (See Dover, G. W., and Glines, assignors.)
Dover Manufacturing Company. (See Braun, William A., assignor.)
Dovey, Starr A. (See Goodsell, J. A., and Dovey.)
Dow, Alex, Detroit, Mich., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Condenser circulating system. 1,466,703; Sept. 4.
Dow Chemical Company, The. (See Barstow, Edwin O., assignor.)
Dow Chemical Company, The. (See Barstow, E. O., and Cottringer, assignors.)
Dow Chemical Company, The. (See Cottringer, Paul, assignor.)
Dow Chemical Company, The. (See Cottringer, P., and Collings, assignors.)
Dow Chemical Company, The. (See Dow, H. H., Griswold, and Barstow, assignors.)
Dow Chemical Company, The. (See Jones, Coulter W., assignor.)
Dow Chemical Company, The. (See Morrison, Charles N., assignor.)
Dow Chemical Company, The. (See Putnam, M. E., and McCreadie, assignors.)
Dow Chemical Company, The. (See Seaton, Max Y., assignor.)
Dow Chemical Company, The. (See Stewart, Leroy C., assignor.)
Dow Chemical Company, The. (See Strosacker, Charles J., assignor.)
Dow Chemical Company, The. (See Strosacker, C. J., and Rupright, assignors.)
Dow Chemical Company, The. (See Strosacker, C. J., and Schwegler, assignors.)
Dow Chemical Company. (See Veazey, W. R., and Burdick, assignors.)
Dow, Fred T., Bangor, Me. Apparatus for and method of drying or otherwise treating material. 1,459,326; June 19.
Dow, Fred T., Bangor, Me. Peat machine. 1,459,907; June 26.
Dow, George B. N., and F. P. Ham, Manchester, N. H., assignors to G. J. Clarke, West Hanover, Mass. Anti-skid-chain hook. 1,463,071; July 24.
Dow, Harry E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Electrically-heated burnishing machine. 1,451,687; Apr. 17.
Dow, Herbert H., T. Griswold, jr., and E. O. Barstow, assignors to The Dow Chemical Company, Midland, Mich. Method and apparatus for electrolyzing liquid. 1,441,408; Jan. 9.
Dow, James C., Great Falls, Mont. Process of electric smelting and furnace for same. 1,473,784; Nov. 13.
Dow, Louis F., Co. (See O'Brien, E., and Vierling, assignors.)
Dow, Vernon E., Muskegon, Mich. Strainer-cloth clamp. 1,451,206; Apr. 10.
Doward, James W., Halifax, Nova Scotia, Canada. Safety lock for electric bulbs. 1,467,538; Sept. 11.
Dowd, Bernard J., Hartford, Conn., assignor to Royal Typewriter Company, Inc., New York, N. Y. Means for fastening glass panels to their supports. 1,458,618; June 12.
Dowd, Bernard J., and A. Utz, Hartford, Conn., assignors to Royal Typewriter Company Inc., New York, N. Y. Typewriting machine. 1,457,620; June 5.
Dowd, Patrick, Brooklyn, N. Y. Motor-vehicle alarm. 1,453,240; Apr. 24.
Dowd, William C., Quincy, Ill. Centrifugal pump. 1,473,904; Nov. 13.
Dowding, John P., Chicago, Ill. Car refrigeration. 1,478,471; Dec. 25.
Dowell, William. (See Stockton, William A., assignor.)
Dowler, Frank A., Alameda, Calif. Shock absorber. 1,450,144; Mar. 27.
Dowling, Freida A., administratrix. (See Dowling, Sewell, C. F.)
Dowling, Sewell C. F., deceased; F. A. Dowling, administratrix, Houston, Tex. Bushing. 1,445,074; Feb. 13.
Dowling, William, assignor to Golding Bros. Company, New York, N. Y. Fabric. Des. 61,907; Feb. 6.
Dowling, William, assignor to Golding Bros. Company, New York, N. Y. Fabric. Des. 62,004; Feb. 27.
Dowman-Dozier Mfg. Co. (See Norman, James M., assignor.)

Downe, Frank W., San Francisco, Calif., assignor to Mechanical Perfecting Corporation. Machine for recording and reproducing sound. 1,456,180; May 22.
Downer, Lee H., Hopewell, Va. Perpetual calendar. 1,470,065; Oct. 9.
Downes, Elmer N., assignor to McClaren Rubber Company, Charlotte, N. C. Nonskid tire tread. Des. 62,056; Mar. 13.
Downey, Charles M., assignor of one-half to H. C. Bickers and one-half to W. T. Miller, Shenandoah, Va. Valve gear. 1,447,412; Mar. 6.
Downey, Edward A., Del Ray, and D. McEwan, Alexandria, Va. Connector for ventilating racks or trays. 1,476,397; Dec. 4.
Downey, Harry C., Springfield, Ohio. Sadiron. 1,476,057; Dec. 4.
Downey, James. (See Downey, Millard J., M. M., and J.)
Downey, John F., assignor to Universal Ash Tray Company, Inc., Providence, R. I. Ash tray. Re15698; Oct. 16.
Downey, John F., assignor to Universal Safety Ash Tray Company, Inc., Providence, R. I. Forming decorated ash trays. 1,474,108; Nov. 13.
Downey, Maurice M. (See Downey, Millard J., M. M., and J.)
Downey, Millard J., M. M., and J., Chicago, Ill. Spark plug. 1,471,390; Oct. 23.
Downey, Oscar F., and C. L. Benson, Chestnut, Ill. Sharpening machine for shears. 1,459,580; June 19.
Downham, James A., Huddersfield, England. Hand starting device for internal-combustion engines. 1,476,497; Dec. 4.
Downie, Charles E., and G. D. Gravely, Pomeroy, Ohio. Tractor cultivator. 1,455,046; May 15.
Downie, James H., San Antonio, Tex. Forming centers. 1,444,172; Feb. 6.
Downie, John, Seattle, Wash. Gravity drop. 1,459,950; June 26.
Downie, Robert M. (See Wagner, G. E., and Downie.)
Downing, Alexander J., et al. (See Wentling, Lester M., assignor.)
Downing Glare Shield Company. (See Downing, Roswell, assignor.)
Downing, Hardy K. (See Fuller, H. M., and Downing.)
Downing, Ira S., Indianapolis, Ind. Metal car structure. 1,455,867; May 22.
Downing, John B. (See Belmont, R. A., and Downing.)
Downing, John B., assignor to Beaver Machine & Tool Company, Newark, N. J. Electric switch. 1,477,251; Dec. 11.
Downing, John B., assignor to Beaver Machine & Tool Company, Newark, N. J. Switch plug. 1,478,207; Dec. 18.
Downing, Robert H., sr., et al. (See Wentling, Lester M., assignor.)
Downing, Roswell, Oklahoma, assignor to Downing Glare Shield Company, Oklahoma County, Okla. Automobile glare shield. 1,468,197; Sept. 18.
Downing, Wellington, Erie, Pa. Folding machine. 1,463,879; Aug. 7.
Downing, William F., jr., St. Clair, Mich. Closure for discharge apertures in packages. 1,468,359; Sept. 18.
Downs, Charles R., Cliffside, N. J., assignor to The Barrett Company. Sublimation process. 1,464,844; Aug. 14.
Downs, Charles R., and C. G. Stupp, Cliffside, N. J., assignors to The Barrett Company. Apparatus for producing chemical reactions. 1,464,845; Aug. 14.
Downs, Charles W. (See Taylor, W. H., Downs, and Barbey.)
Downs, Frank W., Washburn, Wis. Hinged cover for containers. 1,455,133; May 15.
Downs, James L., New York, N. Y. Lubricator. 1,455,868; May 22.
Downs, Lincoln S., East Cleveland, and G. Heckling, Cleveland, Ohio. Tire valve. 1,467,780; Sept. 11.
Doxey, Willard R., Ogden, Utah. Optical instrument. 1,443,704; Jan. 30.
Doxford, Robert P. (See Keller, Karl O., assignor.)
Doyen, Edward G., San Francisco, Calif. Mattress-tufting machine. 1,448,955; Mar. 20.
Doyle, James E., Cleveland, Ohio. Reflecting heat appliance. 1,450,022; Mar. 27.
Doyle, James E., Cleveland, Ohio. Sheet-delivery device. 1,474,413; Nov. 20.
Doyle, James S. (See Hedley, F., and Doyle.)
Doyle, John, New York, N. Y. Lighting fixture. 1,442,470; Jan. 16.
Doyle, John T., San Francisco, Calif. Track gauge. 1,478,604; Dec. 25.
Doyle, Nicholas J., Buffalo, N. Y. Multiple fuse. 1,462,195; July 17.
Doyle, William H. (See Culver, B. F., and Doyle.)
Dozier, Calvin, Richmond, Ky. Shock absorber. 1,468,614; Sept. 18.
Draeseke, Alfred W., and A. W. Parkes, Dundas, Ontario, Canada, assignors to Niles-Bement-Pond Company, New York, N. Y. Planer. 1,450,971; Apr. 10.
Draeseke, Alfred W., and A. W. Parkes, Dundas, Ontario, Canada, assignors to Niles-Bement-Pond Company, New York, N. Y. Boring mills. 1,466,818; Sept. 4.
Dräger, Alexander B., Lubeck, Germany. Supporting frame for self-contained breathing apparatus. 1,448,918; Mar. 20.
Dräger, Alexander B., Lubeck, Germany. Pressure-gauge connection. 1,463,804; Aug. 7.
Dräger, Alexander B., Lubeck, Germany. Respiratory apparatus. 1,472,117; Oct. 30.
Dräger, Alexander B., H. W. C. Schröder, and E. W. Kunzmann, Lubeck, Germany; said Schröder and said Kunzmann assignors to said Dräger. Burner for the autogenous cutting of metals. 1,460,662; July 3.
Draggoo, George W. (See Palmer, P. L., and Draggoo.)
Drahonovsky, John B., assignor to American Grinder Manufacturing Co., Milwaukee, Wis. Demountable-rim wrench. 1,476,058; Dec. 4.
Drake, Alden M. (See Heald, J. N., and Drake.)
Drake, Ernest T., Fostoria, Ohio. Vacuum aspirator. 1,445,760; Feb. 20.
Drake, George W. (See Burrell, E. P., and Drake.)
Drake, George W. (See Van Hamersveld, J. J. N., and Drake.)
Drake, Guy, Whitman, Nebr. Broom head. 1,458,095; June 5.
Drake, James J. (See Drake, Walter H. and J. J.)
Drake, John J., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Guide for sewing machines. 1,460,812; July 3.
Drake, John J., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Guide for sewing machines. 1,463,258; July 31.
Drake, Jonas W., Halifax, England. Retort and apparatus in connection therewith for use in the manufacture of gas. 1444,498; Feb. 6.
Drake, Joseph E., Blue Rapids, Kans. Grain-car door. 1,450,842; Apr. 3.
Drake, Lemuel E., Modesto, Calif. Lid fastener for milk cans. 1,477,043; Dec. 11.
Drake, Percy L., assignor to C. W. Mills, Providence, R. I. Alarm valve. 1,464,244; Aug. 7.
Drake, Robert Z., Omaha, Nebr. Bridge-reenforcing means. 1,461,795; July 17.
Drake, Robert Z., Omaha, Nebr. Lumber moving and storage means. 1,471,149; Oct. 16.
Drake, Robert Z., Omaha, Nebr. Unloading machine. 1,472,054; Oct. 30.
Drake, Robert Z., Omaha, Nebr. Stabilizing means for bridges. 1,472,055; Oct. 30.
Drake, Robert Z., Omaha, Nebr. Bridge construction. 1,474,513; Nov. 20.
Drake, Rollin L., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Handle-assembling machine. 1,440,864; Jan. 2.
Drake, Rollin L., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Assembling and soldering handles. 1,440,865; Jan. 2.
Drake, Rollin L., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Solder-wiping machine. 1,440,866; Jan. 2.
Drake, Samuel H., Groton, N. Y. Rotary scouring implement. 1,445,133; Feb. 13.
Drake, Tom, Altrincham, assignor to Linotype and Machinery Limited, London, England. Trimming mechanism of typographical composing and casting machines. 1,447,714; Mar. 6.
Drake, Walter H. and J. J., Cleveland, Ohio. Making waterproof rigid articles from pulp. 1,456,370; May 22.
Drake, Whittlesey A., Petroleum, Ohio, assignor to The Pennsylvania Tank Car Company, Sharon, Pa. Outlet valve for tank cars. 1,473,474; Nov. 6.
Drakenfeld, B. F., & Co. (See Duval, d'Adrian, Alexander L., assignor.)
Drakenfeld, Bernhard F., jr., et al. (See Stenhouse, Thomas, assignor.)
Draper, Asa J., Ogden, Utah. Strand twister. 1,467,539; Sept. 11.
Draper, Charles D., Portland, Oreg. Flexible varnish. 1,459,581; June 19.
Draper, Charles T., assignor to The Draper Manufacturing Company, Cleveland, Ohio. Reenforced metallic chime seam and producing same. 1,466,643; Aug. 28.
Draper, Clare H., Hopedale, assignor to Hopedale Manufacturing Company, Milford, Mass. Warp stop motion for looms. 1,446,643; Feb. 27.
Draper, Clare H., Hopedale, assignor to Hopedale Manufacturing Company, Milford, Mass. Filling-end controller for looms. 1,463,203; July 31.
Draper, Clare H., Hopedale, assignor to Hopedale Manufacturing Company, Milford, Mass. Shuttle-box tension-controlling mechanism for looms. 1,476,442; Dec. 4.
Draper Corporation. (See Belisle, Conrad, assignor.)
Draper Corporation. (See Brown, Carl D., assignor.)
Draper Corporation. (See Couser, Isaac, assignor.)
Draper Corporation. (See Di Cristo, Ralph, assignor.)
Draper Corporation. (See Dill, Horace E., assignor.)
Draper Corporation. (See Edmands, Frank, assignor.)
Draper Corporation. (See Ellison, B D Lenhart, assignor.)
Draper Corporation. (See Gilman, Edward T., assignor.)
Draper Corporation. (See Hook, James H., assignor.)
Draper Corporation. (See Hunt, Patrick J., assignor.)
Draper Corporation. (See Kay, Albert E., assignor.)
Draper Corporation. (See Knight, Need, assignor.)
Draper Corporation. (See Lavoie, Joseph, asignor.)

Draper Corporation. (See Leighton, Charles M. H., assignor.)
Draper Corporation. (See McGowan, Thomas H., sr., assignor.)
Draper Corporation. (See Rhoades, Alonzo E., assignor.)
Draper Corporation. (See Roose, Albert J., assignor.)
Draper Corporation. (See Smith, Millard N., assignor.)
Draper Corporation. (See Snow, Isaac, assignor.)
Draper Corporation. (See Stimpson, Edward S., assignor.)
Draper Corporation. (See Stimpson, Wallace I., assignor.)
Draper Corporation. (See Stone, Melvin L., assignor.)
Draper Corporation. (See Warren, Charles H., assignor.)
Draper, Harold W., East Orange, assignor to The Whitehead & Hoag Company, Newark, N. J. Badge and analogous device. 1,463,739; July 31.
Draper, Israel M. (See Vawter, John M., assignor.)
Draper Manufacturing Company, The. (See Draper, Charles T., assignor.)
Draper, Thomas B., Toronto, Ontario, Canada. Folding furniture. 1,443,314; Jan. 23.
Draper, Thomas B., Toronto, Ontario, Canada. Spring and mattress supporting means. 1,450,204; Apr. 3.
Draper, Thomas B., Toronto, Ontario, Canada. Dressing table. 1,451,207; Apr. 10.
Draughon, Robert V., Waco, Tex. Combined match case and cigarette-paper holder. 1,470,154; Oct. 9.
Draver, Emil R., Richmond, Ind. Shock absorber. 1,458,912; June 12.
Draver, Emil R., Richmond, Ind., assignor to B. F. Gump Company, Chicago, Ill. Feeder. 1,478,000; Dec. 18.
Dravo, George P., Milwaukee, Wis. Superheater. 1,461,213; July 10.
Dray, Walter R., Chicago, Ill. Pneumatic toy. 1,473,178; Nov. 6.
Draycott, Walter, Alton, R. I. Lace. Des. 62,298; May 1.
Dredge, William, Manchester, England. Baker's oven. 1,463,616; July 31.
Dreehouse, Frederick L., Barber, Idaho. Plow-disk mounting. 1,442,655; Jan. 16.
Drees, Andrew A., assignor of one-half to P. B. Rohner, Lewistown, Mont. Air-brake-release valve. 1,452,495; Apr. 24.
Drees, Clemens J., Little Rock, Ark., assignor to St. Louis Brass Manufacturing Company, St. Louis, Mo. Lighting fixture. 1,478,870; Dec. 25.
Drefahl, Louis C., Lakewood, and W. R. Carson, South Euclid, assignors to The Grasselli Chemical Company, Cleveland, Ohio. Water jacket. 1,463,204; July 31.
Drefahl, Louis C., Lakewood, and C. H. Sakryd, assignors to The Grasselli Chemical Company, Cleveland, Ohio. Arsenate of lime product and making same. 1,475,545; Nov. 27.
Dreffein, Henry A., Chicago, Ill. Regulator for gas producers. 1,451,011; Apr. 10.
Dreher, Charles H., Buffalo, N. Y. Apparatus for conveying and spacing articles. 1,457,352; June 5.
Dreher, Charles H., Buffalo, N. Y. Apparatus for spacing articles. 1,457,353; June 5.
Dreis, Edward J., San Francisco, Calif. Combined angle shear and notcher. 1,472,329; Oct. 30.
Drekmeier, Frederick J., Beloit, Wis. Automobile curtain. 1,451,255; Apr. 10.
Dremann, William J., Cleveland, Ohio. Roofing. 1,467,779; Sept. 11.
Dremel, Albert J., Racine, Wis. Motor-driven lawn mower. 1,452,730; Apr. 24.
Drenning, Benjamin F., Cumberland, Md. Railway switch-point clamp. 1,471,950; Oct. 23.
Drescher, Theodore B., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Device for positioning lens blanks on blank holders. 1,472,748; Oct. 30.
Drescher, Theodore B., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Lens and blank therefor and marking it for the purpose of identification. 1,475,473; Nov. 27.
Dresdner, Jack. (See Taylor, H. O., and Dresdner.)
Dresner, Samuel, Chicago, Ill. Catch for traveling-bag frames. 1,445,304; Feb. 13.
Dresser, Frank G., Providence, R. I. Dental floss dispenser. 1,454,429; May 8.
Dresser, George L., Albany, N. Y. Paving block. 1,476,957; Dec. 11.
Dresser, S. R., Manufacturing Company. (See Clark, James, assignor.)
Dressler, Alvin R., Sheboygan, Wis. Air filter for engines. 1,451,329; Apr. 10.
Dressler, Charles E., New York, N. Y. Polygraph. 1,472,016; Oct. 23.
Dreusike, Otto B., San Francisco, Calif. Sliding and reversing window. 1,450,281; Apr. 3.
Drevitson, Carl B., Somerville, Mass. Skate and making the same. 1,459,050; June 19.
Drew, Clayton L., San Francisco, Calif. Light gauge. 1,460,055; June 26.
Drew, Elaine, Barre, Vt. Crib cover. 1,460,233; June 26.
Drew Electric and Manufacturing Company. (See Schwarz, Paul G., assignor.)
Drew, Frank C., San Francisco, Calif. Signal for motor-driven vehicles. 1,470,155; Oct. 9.
Drew, James H., Rochester, Minn. Air-brake system. 1,449,737; Mar. 27.
Drew, Harold L., Trinidad, Colo. Cushioning device. 1,448,338; Mar. 13.
Dreyer, Wilhelm. (See Aeberli, A., and Dreyer.)
Dreyfus, Henry. (See Palmer, C. W., and Dreyfus, assignors.)
Dreyfus, Henry. (See Palmer, C. W., and Dickie, assignors.)
Dreyfus, Henry, London, England. Manufacture of cellulose derivatives. 1,451,330; Apr. 10.
Dreyfus, Henry, London, England. Manufacture of cellulose derivatives. 1,451,331; Apr. 10.
Dreyfus, Henry, London, England. Cellulose-ether composition. 1,454,959; May 15.
Dreyfus, Henry, London, England. Cellulose-aralkyl-ether composition. 1,454,960; May 15.
Dreyfus, Henry, London, England. Composition containing cellulosic derivatives. 1,454,961; May 15.
Dreyfus, Henry, London, England. Manufacture of plastic masses. 1,466,819; Sept. 4.
Dreyfus, Milton A. (See Lipsner, B. B., and Sporer, assignors.)
Dreyfus, William, assignor to West Disinfecting Company, New York, N. Y. Formaldehyde fumigator. 1,469,214; Oct. 2.
Dreys, Hugo E., assignor of one-half to H. F. Kiesewetter, Jersey City, N. J., and one-half to L. Stanford. Safety hoisting hook. 1,446,002; Feb. 20.
Driemeyer, Edward W., assignor to The K-D Lamp Company, Cincinnati, Ohio. Lock for lamp doors. 1,451,870; Apr. 17.
Driessen, Jean, Paris, France. Lever arm for switches, rheostats, and like electric devices. 1,473,838; Nov. 13.
Driganti, Charles J., Cambridge, assignor of one-half to C. Gardini, Somerville, Mass. Valve-grinding apparatus. 1,471,779; Oct. 23.
Driggs, Louis L. and L. L., jr., New York, N. Y. Elastic suspension for vehicles. 1,456,371; May 22.
Driggs, Louis L., jr. (See Driggs, Louis L. and L. L., jr.)
Drinkwater, C. M., et al. (See Drinkwater, Charles M., assignor.)
Drinkwater, Charles M., Kokomo, Ind., assignor, by mesne assignments, to The Mechanical Development Company, and C. M. Drinkwater, New Rochelle, N. Y. Truck. 1,454,710; May 8.
Driscoll, Charles. (See Pierce, Charles W., assignor.)
Driscoll, Daniel W., Villanova, Pa. Time-control signal system. 1,466,471; Aug. 28.
Driscoll, Daniel W., New York, N. Y., assignor to Driscoll Patents Company, Wilmington, Del. Variable-speed transmissions. 1,471,998; Oct. 23.
Driscoll Patents Company. (See Driscoll, Daniel W., assignor.)
Driscoll, Robert. (See Cahill, Thomas J., assignor.)
Driscoll, Timothy, London, England. Gramophone. 1,467,612; Sept. 11.
Driskell, Burt. (See Wyatt, De Witt H., assignor.)
Drissner, Alfred E., assignor to The National Acme Company, Cleveland, Ohio. Push chucking mechanism. 1,465,256; Aug. 21.
Drissner, Alfred E., assignor to The National Acme Company, Cleveland, Ohio. Drawback chucking mechanism. 1,465,257; Aug. 21.
Dritz-Traum Co. (See Traum, David, assignor.)
Driver, Arthur S. and S. R., Summit, N. J. Artificial-fly container. 1,451,295; Apr. 10.
Driver, Clara, Thessalon, Ontario, Canada. Bread pan. 1,461,974; July 17.
Driver, Frank L., jr., Newark, assignor to Driver-Harris Company, Harrison, N. J. Electric resistance element. 1,465,547; Aug. 21.
Driver-Harris Company. (See Driver, Frank L., jr., assignor.)
Driver, John M., Philadelphia, Pa. Continuous article forming and printing machine. 1448,588; Mar. 13.
Driver, Susan R. (See Driver, Arthur S. and S. R.)
Drolshagen, Albert J., assignor to Milwaukee Pattern & Mfg. Co., Milwaukee, Wis. Rim-straightening device. 1,459,908; June 26.
Drolshammer, Ivar, Hamar, Norway. Pneumatic brake. 1,462,229; July 17.
Dronsfield, James, Oldham, England. Multiple-purchase jack. 1,472,357; Oct. 30.
Dros, Cornelis P., Heemstede, Netherlands. Cheese-making machine. 1,441,790; Jan. 9.
Dros, Cornelis P., Amsterdam, Netherlands. Fishing apparatus. 1,462,196; July 17.
Drössel, Adolf F., Mannheim, assignor to the Corporation of Fritz Neumeyer Aktiengesellschaft, Nuremberg, Germany. Mold for the casting on of shafts for twist drills and similar tools. 1,476,287; Dec. 4.
Druar, Frank J., assignor to Packard Motor Car Company, Detroit, Mich. Spring shackle or the like. 1,448,686; Mar. 13.
Druar, Frank J., assignor to Packard Motor Car Company, Detroit, Mich. Radiator cover. 1,453,339; May 1.

Druar, Frank J., assignor to Packard Motor Car Company, Detroit, Mich. Attachment for motor-vehicle radiators. 1,453,340; May 1.
Druiva, John T., Longmeadow, Mass., assignor to Henry Hyman & Co., Inc., New York, N. Y. Portable electric light. Re15,735; Dec. 25.
Drumm, Charles F., jr. (See Frins, M. C., and Drumm.)
Drumm, Charles F., jr. (See Lipcot, F. L., Drumm, and Frins.)
Drumm, Herbert C., assignor to The Union Metal Manufacturing Company, Canton, Ohio. Foundry flask. 1,459,197; June 19.
Drumm, Herbert C., assignor to The Union Metal Manufacturing Company, Canton, Ohio. Lantern. 1,474,895; Nov. 20.
Drumm, Paul H., West Frankfort, Ill. Ice-cream-receptacle-filling means. 1,475,803; Nov. 27.
Drummond, Robert S., New York, N. Y. Window construction. 1,461,818; July 17.
Drummond, Walter W., Fort Collins, Colo. Electric controlling device. 1,464,470; Aug. 7.
Drummond, William D., New York, N. Y. Saw guard. 1,464,924; Aug. 14.
Drummond, William H., Belleville, assignor of one-half to E. Jones, Nutley, N. J. Acoustical diaphragm. 1,466,427; Aug. 28.
Drury, Herbert R., Willoughby, Ohio. Antiglare device for automobile headlights. 1,466,354; Aug. 28.
Drury, William, Hammersmith, London, England. Air tube and shock absorber for resilient wheels for vehicles. 1,464,033; Aug. 7.
Drushel, William A., assignor to Haskelite Manufacturing Corporation, Grand Rapids, Mich. Water-resistant glue. 1,473,987; Nov. 13.
Drushel, William A., Grand Rapids, Mich., assignor to Haskelite Manufacturing Corporation. Making waterproof blood glue. 1,476,805; Dec. 11.
Dryden Rubber Company. (See Beynon, R., and Hintz, assignors.)
Dryer, Edwin H., Bakersfield, Calif. Check protector. 1,465,388; Aug. 21.
Dryer, Edwin H., Bakersfield, Calif. Container and spout. 1,473,925; Nov. 13.
Dryer, William P., Schenectady, N. Y., assignor to General Electric Company. Valve gear. 1,471,316; Oct. 16.
Drying Systems, Inc. (See Harrison, Burt S., assignor.)
Drynan, Thomas H., Sewickley, Pa. Water-heating system. 1,450,796; Apr. 3.
Drysdale & Company, Limited. (See Drysdale, John W. W., assignor.)
Drysdale, John W. W., assignor to Drysdale & Company, Limited, Yoker, near Glasgow, Scotland. Centrifugal pump. 1,474,708; Nov. 20.
Dry-Zero Corporation, The. (See Lindsay, Harvey B., assignor.)
Du-All Manufacturing Company, The. (See Carter, Clarence W., assignor.)
Dubbs, Carbon P., Willmette, Ill., assignor to Universal Oil Products Company, Chicago, Ill. Apparatus for treating petroleum and other hydrocarbons. 1,440,772; Jan. 2.
Dubbs, Carbon P., Wilmette, assignor to Universal Oil Products Company, Chicago, Ill. Gas diaphragm. 1,470,352; Oct. 9.
Dubee, Adelard J., Glens Falls, N. Y. Brush and mop holder. 1,459,582; June 19.
Duberg, Per E., Hallsberg, Sweden. Water heater for stoves. 1,477,166; Dec. 11.
Duberstein, Isadore, Los Angeles, Calif. Garment hanger. 1,461,442; July 10.
Dubilier Condenser & Radio Corporation. (See Dubilier, William, assignor.)
Dubilier Condenser and Radio Corporation. (See Tuska, Clarence D., assignor.)
Dubilier, William. (See Lowenstein, Fritz, assignor.)
Dubilier, William, New York, N. Y., assignor to Dubilier Condenser & Radio Corporation. Electrical condenser. 1,455,781; May 22.
Dubilier, William, New York, N. Y., and W. S. Mountford, Dumont, N. J. Razor holder. 1,475,940; Dec. 4.
Dubiner, Herman, assignor to Grabhorn & Dubiner, New York, N. Y. Finger ring. Des. 62,013; Feb. 27.
Dubinski, Ralph, jr. (See Scott, W. R., Dubinski, and Magidson.)
Du Bois, Charles L., Portland, Oreg. Hydraulic door-opening mechanism. 1,455,607; May 15.
Du Bois, Edward J. and G. C., Albany, N. Y. Piston ring. 1,450,160; Mar. 27.
Du Bois, George C. (See Du Bois, Edward J. and G. C.)
Dubois, Jean. (See Mullard, E., Valenducq, and Dubois.)
Du Bois, Louis T. (See Nelson, A., and Du Bois.)
Dubois, Lubin L., Asnieres, France. Agricultural implement. 1,467,894; Sept. 11.
Dubois, Norman A., Needham, Mass. Cooling and refrigerating solution. 1,442,330; Jan. 16.
Dubois, Peter, assignor to Petrick Brothers, Chicago, Ill. Chart holder. 1,441,489; Jan. 9.
Du Bois, Rhesa G., East Orange, N. J. Golf-cup device. 1,470,603; Oct. 16.
Du Bois, Robert, and H. I. Jones, Stillwater, Okla. Preserving eggs. 1,475,804; Nov. 27.
Du Bose, Thomas M. (See Fairley, T. J., and Du Bose.)
Du Brul, Davila S., assignor to The Miller, Du Brul & Peters Manufacturing Company, Cincinnati, Ohio. Matrix. 1,473,339; Nov. 6.
Dubuc, Antonin, and A. Carricaburu, Riverside, assignors to Joseph A. Greene and William E. Dedmond, Los Angeles, Calif. Light-diffusing curtain. 1,444,735; Feb. 6.
Du Buque, George F., Los Angeles, Calif. Bread slicer. 1,442,762; Jan. 16.
Du Buque, George F., Los Angeles, Calif. Bread slicer. 1,474,767; Nov. 20.
Duby, John F., Boston, Mass., assignor to Weaver Manufacturing Company, Springfield, Ill. Testing apparatus for determining nonalignment of vehicle wheels. 1,454,628; May 8.
Dubyk, Theodor, Passaic, N. J. Rack. 1,469,455; Oct. 2.
Duca, Sante, New York, N. Y. Praying or confessional stand. 1,477,327; Dec. 11.
Ducas, Charles, et al., trustees. (See Ducas, Charles, assignor.)
Ducas, Charles, assignor to C. Ducas, A. W. Whiteford, and D. W. Pye, trustees, New York, N. Y. Tender tank. 1,460,710; July 3.
Ducatt, Dennis C., assignor of one-half to H. Wastian, Saranac Lake, N. Y. Runner attachment for wheels. 1,449,738; Mar. 27.
Duchâteau, Jean I., St. Omer, France. Spring wheel hub. 1,442,656; Jan. 16.
Duché, T. M., & Sons. (See Kaiser, Reuben, assignor.)
Duchemin, George W., Newark, N. J. Machine for turning irregular forms. 1,451,496; Apr. 10.
Duchesne, Henri H. (See Benoit, A., Mathieu, and Duchesne.)
Duchesne, Henri H., and P. Charuest, assignors to Benoit & Mathieu, Montreal, Quebec, Canada. Amplifier for talking machines. 1,445,500; Feb. 13.
Duchesneau, Leuis. (See Arsenault, R., Phillips and Duchesneau.)
Duckett, James A., Columbus, Ohio. Vending machine. 1,470,232; Oct. 9.
Duckham, Arthur M., London, England. Carbonizing fuel in vertical retorts. 1,447,839; Mar. 6.
Duckworth, Clarence H. (See Kralund, J., and Duckworth.)
Ducorron, Charles A. F., assignor to Ducorron-Rich Engineering Company, Los Angeles, Calif. Bottle holder. 1,473,322; Nov. 13.
Ducorron-Rich Engineering Company. (See Ducorron, Charles A. F., assignor.)
Ducsay, Stephen, Canonsburg, Pa. Corn and stalk cutting implement. 1,464,354; Aug. 7.
Duda, Wentzel R., Pittsburgh, Pa. Feed table for shearing mechanism. 1,478,991; Dec. 25.
Duddleson, William J., and C. L. Slusher, San Luis Obispo, Calif. Moth destroying and repelling device. 1,478,208; Dec. 18.
Duddy, Edward H. (See Segur, H., and Duddy.)
Dudek, Piotr. (See Szymanski F., and Dudek.)
Duder, John, Salt Lake City, assignor of one-half to H. S. Brown, Oasis, and one-fourth to S. W. Stewart, Salt Lake City, Utah. Excavating wheel. 1,455,608; May 15.
Dudley, Benjamin B., Visalia, Calif. Cooker. 1,444,239; Feb. 6.
Dudley, Benjamin B., Visalia, Calif. Folding tent. 1,456,918; May 29.
Dudley, Carrie D., Chicago, Ill. Cigarette tray. Des. 62,087; Mar. 13.
Dudley, Carrie D., Chicago, Ill. Receptacle for flowers. Des. 62,605; July 3.
Dudley, Edward F. (See Stevens, B. D., and Dudley.)
Dudley, Edward F., Oak Park, assignor to Miehle Printing Press and Manufacturing Company, Chicago, Ill. Ink-distributing-drum-vibrating means. 1,464,925; Aug. 14.
Dudley, Edward F., Oak Park, assignor to Miehle Printing Press and Manufacturing Company, Chicago, Ill. Registration-feed-board-operating mechanism. 1,468,462; Sept. 18.
Dudley, Edward F., Oak Park, assignor to Miehle Printing Press and Manufacturing Company, Chicago, Ill. Mounting for printing-press form and vibrator rollers. 1,472,433; Oct. 30.
Dudley, Fred H., Lincoln, Nebr. Auto camp bed. 1,454,670; May 8.
Dudley, Hettie J., Richmond, Va. Fancy bag. Des. 63,254; Nov. 13.
Dudley, Howard A., Hagerstown, Md. Loose-leaf binder. 1,460,663; July 3.
Dudley, Howard A., Hagerstown, Md. Loose-leaf binder. 1,460,712; July 3.
Dudley, Philip E., Wilmington, Del., and H. Boice, Newburgh, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Paper machine and apron therefor. 1,441,332; Jan. 9.
Dudley, Philip E., Wilmington, Del., and H. Boice, Newburgh, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating refrigerator and candy support therefor. 1,474,768; Nov. 20.
Dudley, T. H. (See Mortensen, Arlington P., assignor.)
Dudley, William H. C., Americano, Ga. Stereopticon device. 1,452,797; Apr. 24.
Dudley, William W., Lancaster, Pa. Watch-movement frame. Des. 62,566; June 26.

Duehr, Bernard J., Big Island, Va. Anti-skid chain. 1,463,681; July 31.
Dueker, Carl, Cooper Township, Webster County, Iowa. Snapping mechanism for corn-husking machines. 1,464,564; Aug. 14.
Dueker, Carl, Cooper Township, Webster County, Iowa. Journal bearing. 1,475,110; Nov. 20.
Dueker, Carl, Cooper Township, Webster County, Iowa. Husking mechanism for corn-harvesting machines. 1,478,426; Dec. 25.
Duerler, G. A., Mfg. Company. (See Phillippe, Emil, assignor.)
Duerling, James R. (See Magill, J., and Duerling.)
Dues, Fred B., Minster, Ohio. Husking rolls. 1,462,539; July 24.
Duesenberg, Frederick S., Elizabeth, N. J. Internal-combustion engine. 1,476,327; Dec. 4.
Duesenberg, Frederick S., Elizabeth, N. J. Axle construction. 1,476,328; Dec. 4.
Duesenberg, Frederick S., Elizabeth, N. J. Driving axle for motor vehicles. 1,476,329; Dec. 4.
Dufek, Louis, Tacoma, Wash. Draft device for chimneys. 1,456,099; May 22.
Duff, Albert L., and J. W. Matheson, Brooklyn, N. Y. Wardrobe trunk. 1,448,657; Mar. 13.
Duff, Alexander R., Toronto, Ontario, Canada. Drying kiln. 1,446,844; Feb. 27.
Duff Manufacturing Company, The. (See Eck, Karl, assignor.)
Duff Manufacturing Company, The. (See Schwerin, Frank H., assignor.)
Duff Patents Company Incorporated. (See Treat, Francis H., assignor.)
Duff, Thomas F., assignor of one-third to M. Tonn, Spokane, Wash. Line-casting machine. 1,469,361; Oct. 2.
Duffey, Charles E. (See Givens, George N., assignor.)
Duffey, Walter J., Fort William, Ontario, Canada. Car loader. 1,468,287; Sept. 18.
Duffie, John J., Berkeley, Calif., assignor to Government of the United States. Circuit closer. 1,465,465; Aug. 21.
Duffield, Archibald, Derby, Conn. Toy furniture. 1,453,241; Apr. 24.
Duffield, Frederick L. (See Longbottom, C. A., and Duffield.)
Duffner, Leonard J., Lynchburg, Va. Sanding apparatus for vehicles. 1,469,627; Oct. 2.
Duffy, Harry E., St. Paul, assignor of five one-hundredths to A. F. Janiesch, Sleepy Eye, and four-tenths to P. E. Rick, St. Paul, Minn. Automobile elevating jack. 1,470,581; Oct. 9.
Duffy, James F., Park Ridge, Ill. Tool. 1,448,919; Mar. 20.
Duffy, Marie B., Toledo, Ohio. Window guard. 1,471,477; Oct. 23.
Duffy, Michael J., Brooklyn, N. Y. Resilient wheel. 1,463,682; July 31.
Duffy, Miles R., Chicago, Ill. Pavement light. 1,476,958; Dec. 11.
Duffy, Thomas. (See Jez, F., and Duffy.)
Duffy, Thomas I., Chicago, Ill., assignor, by mesne assignments, to Auto Specialties Manufacturing Company, St. Joseph, Mich. Spring suspension. Re15,659; July 17.
Duffy, Thomas I., assignor to L. E. Bower, Chicago, Ill. Lamp body. Des. 63,639; Dec. 25.
Du Ford, Peter, Ontario, Oreg. Shock absorber. 1,442,713; Jan. 16.
Dufresne, Georges A., Trois Rivières, Quebec, Canada. Resilient wheel. 1,453,786; May 1.
Dufty, Noël E., London, England. Shock-absorbing device for spring-supported vehicles. 1,478,642; Dec. 25.
Dugan, John F., assignor to Laird, Schober and Co., Philadelphia, Pa. Process and machine for making rands. 1,453,042; Apr. 24.
Dugan, Robert C., Milden, Saskatchewan, Canada. Wagon hitch. 1,472,965; Nov. 6.
Dugan, Walter B., assignor to Venango Knitting Mills, Incorporated, Philadelphia, Pa. Tension device for knitting machines. 1,465,934; Aug. 28.
Dugas, Charles H., Marshall, Minn. Trap. 1,467,846; Sept. 11.
Dugdale, Edward W. (See Leigh, Edward R., assignor.)
Duggan, John A., Detroit, Mich. Toothbrush holder. 1,466,041; Aug. 28.
Duggan, Joseph L., Sparrows Point, Md. Land and water toy. 1,456,429; May 22.
Duggan, Thomas R., assignor to The Permutit Company, New York, N. Y. Method of and apparatus for softening water. Re15,618; June 5.
Dukas, James K., Edwardsville, Pa. Fishing net. 1,457,886; June 5.
Duke, Annual, Marion, Ind. Coating composition. 1,460,317; June 26.
Duke, Augustus C., assignor of one-half to J. M. Burke, Cedartown, Ga. Dirigible headlight for automobiles. 1,478,001; Dec. 18.
Duke, Joseph, New York, N. Y. Combination mouth gag and tongue depressor. 1,444,370; Feb. 6.
Dula, Robert B., New York, N. Y. Making building blocks. 1,472,516; Oct. 30.
Dulaney, Richard O., Fort Worth, Tex. Pump. 1,478,427; Dec. 25.
Duley, Charley A. (See Bowen, G. G., Duley, and Ross.)
Duley, Charley A., assignor of one-half to G. G. Bowen, Breckenridge, Tex. Combination swivel wrench plate and hanger. 1,463,648; July 31.
Dull, Raymond W., La Grange, Ill. Washing and screening apparatus. 1,447,970; Mar. 13.
Dull, Raymond W., La Grange, assignor to Link Belt Company, Chicago, Ill. Locking link for chain belts. 1,458,172; June 12.
Dull, Raymond W., assignor to Link Belt Company, Chicago, Ill. Securing wrist pins for chain links. 1,460,749; July 3.
Duliaardt, Pieter, Utrecht, Netherlands. Combined mop and wringer. 1,442,797; Jan. 23.
Du Mais, Leo J., assignor to Garbell Typewriter Corporation, Chicago, Ill. Typewriting machine. 1,457,965; June 5.
Dumais, Paul T. C., Hull, Quebec, Canada. Fastener. 1,464,976; Aug. 14.
Dumars, Gerald, New York, N. Y., assignor of one-half to P. Wing, Westport, Conn. Character transfer device. 1,470,066; Oct. 9.
Dumble, Clifford R., Arlington, assignor of one-half to W. G. Mitchell, Malden, Mass. Variometer. 1,446,166; Feb. 20.
Dumble, Clifford R., Arlington, assignor, by mesne assignments, to The Lamson Company, Boston, Mass. Snap switch. 1,466,820; Sept. 4.
Dumler, George H. (See Kirk, H. C., and Dumler.)
Dummer, David. (See Shaw, F. L., and Dummer.)
Dumont, Joseph, assignor to Commonwealth Manufacturing Company, Gardner, Mass. Scraping head. 1,447,933; Mar. 6.
Dumont, Joseph R., Kansas City, Mo. Directory rack. 1,444,240; Feb. 6.
Dumont, Joseph R., Kansas City, Mo. Indicia-carrying rack. 1,455,192; May 15.
Dumont, Paul, Ampsin, Belgium. Discharge apparatus for limekilns and the like. 1,466,996; Sept. 4.
Dumsha, Michael T., Philadelphia, Pa. Ornamental stand for watches, pictures, and similar articles. Des. 61,974; Feb. 20.
Du Nah, George W., Pasadena, Calif. Glove-drying machine. 1,471,652; Oct. 23.
Dunajeff, Leonid A., New York, N. Y. Tank gauge. 1,442,134; Jan. 16.
Dunajeff, Leonid A., New York, N. Y. Speed indicator. 1,451,064; Apr. 10.
Dunajeff, Leonid A., New York, N. Y. Projectile. 1,459,198; June 19.
Dunajeff, Leonid A., New York, N. Y. Liquid-feeding device. 1,463,683; July 31.
Dunbar, David, Glasgow, assignor to The Lennox Manufacturing Company, Limited, Duntocher, Dumbartonshire, Scotland. Tie for masonry. 1,465,812; Aug. 21.
Dunbar, Harris T., Buffalo, N. Y. Dumping scow. 1,442,055; Jan. 16.
Dunbar, Howard W., assignor to Norton Company, Worcester, Mass. Electrically-driven grinding machine. 1,466,893; Sept. 4.
Dunbar Molasses & Syrup Co. (See Brown, Sol, assignor.)
Dunbar, Price. (See Hicks, J. N., Elliott, and Dunbar.)
Dunbar, William E., Jacksonville, Fla. Swivel bracket. 1,470,429; Oct. 9.
Dunbar, William F., Comstock, Nebr. Hoe. 1,468,628; Sept. 25.
Duncan, Archibald H., Napanee, Ontario, Canada. Wrench. 1,475,004; Nov. 20.
Duncan, Arthur L., et al. (See Forry, Charles E., assignor.)
Duncan, Arthur L., Oakland, Calif. Means for peeling fruit. 1,473,021; Nov. 6.
Duncan, Arthur L., assignor of one-third to E. H. Duncan and one-third to C. E. Forry, Oakland, Calif. Preparing fruit for canning. 1,441,490; Jan. 9.
Duncan, Arthur L., assignor of one-third to E. H. Duncan and one-third to C. E. Forry, Oakland, Calif. Fruit knife. 1,444,173; Feb. 6.
Duncan, Arthur L., assignor of one-third to E. H. Duncan and one-third to C. E. Forry, Oakland, Calif. Apparatus for preparing fruit for canning. 1,471,838; Oct. 23.
Duncan, Charles D., Chicago, Ill. Engine-crank-case lubricant supplying and governing device. 1,464,599; Aug. 14.
Duncan, David, Brooklyn, N. Y. Antitilting device for tractors. 1,478,428; Dec. 25.
Duncan, David C., Duluth, Minn. Portable gas generator. 1,452,731; Apr. 24.
Duncan, E. H., et al. (See Duncan, Arthur L., assignor.)
Duncan, E. H., et al. (See Forry, Charles E., assignor.)
Duncan Electric Manufacturing Company. (See Harris, Jesse, assignor.)
Duncan, Forest M., Cotter, assignor of twenty-five and one-half per cent to F. M. Molsberry, Columbus Junction, and twenty-five and one-half per cent to F. L. Vanhorn, Cotter, Iowa. Automobile fender brace. 1,476,602; Dec. 4.
Duncan, Harry L., Mahwah, N. J. Diaphragm for acoustic instruments. 1,442,215; Jan. 16.

Duncan, Hugh M. (See Parsons, C. A., Peddle, and Duncan.)
Duncan, Joseph S., Chicago, Ill. Making printing-plate blanks and product thereof. 1,453,384; May 1.
Duncan, Joseph S., Chicago, Ill. Printing and addressing machine. 1,460,711; July 3.
Duncan, Joseph S., Chicago, Ill. Follower for filing drawers. 1,466,792; Sept. 4.
Duncan, Joseph S., and H. E. Hubbard, assignors to Addressograph Company, Chicago, Ill. Automatic releasing device. 1,441,491; Jan. 9.
Duncan, Joseph S., and H. E. Hubbard, assignors to Addressograph Company, Chicago, Ill. Lister attachment for addressing machines. 1,443,170; Jan. 23.
Duncan, Lee W., Fort Wayne, Ind. Window protector. 1,460,645; July 3.
Duncan, Newton O., Kingsville, Tex. Percolator. 1,476,959; Dec. 11.
Duncan, Robert A., et al. (See Matter, Gustave O., assignor.)
Duncan, Thomas S. (See Pierson, R. K., and Duncan.)
Duncan, William M., Alton, Ill. Furnace. 1,453,341; May 1.
Duncan, William M., Alton, Ill. Furnace and controlling the draft therein. 1,461,819; July 17.
Duncan, William R., Chicago, Ill. Stop for phonographs. 1,464,977; Aug. 14.
Duncombe, Tyrrell H., Detroit, Mich. Overrunning clutch. 1,453,548; May 1.
Dundas, Roy C., Los Angeles, and R. T. Howes, Santa Maria, Calif., assignors to S. E. Company. Treatment of oil shale. 1,469,628; Oct. 2.
Dunford & Elliott (Sheffield) Limited. (See Watton, Harold E., assignor.)
Dungan, John E., assignor of seven-sixteenths to W. S. Bryson, one-sixteenth to B. F. Bone, one-sixteenth to F. M. Howard, one-sixteenth to J. A. Schaub, five sixty-fourths to A. C. Scroggins, jr., one-sixteenth to H. J. Zink, five sixty-fourths to E. E. Koontz, one thirty-second to F. H. Gandee, Moundsville, W. Va., one thirty-second to C. L. Bundy, Adena, and two sixty-fourths to W. H. Hill, Cleveland, Ohio. Cartoning machine. 1,474,514; Nov. 20.
Dunham, Arthur E., assignor to Brockton Welting Co., Inc., Brockton, Mass. Winding and hanking machine. 1,461,705; July 10.
Dunham, Bert G., Hawthorne, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,445,432; Feb. 13.
Dunham, Charles L. (See Giebell, Charles L., assignor.)
Dunham Company, The. (See Wagner, Joseph F., assignor.)
Dunham, Frank C. (See Millard, E. F., and Dunham.)
Dunham, George W., New York, N. Y., assignor to Graham Brothers, Evansville, Ind. Tractor. 1,455,394; May 15.
Dunham Harry E., Schenectady, N. Y., assignor to General Electric Company. Electron-discharge apparatus. 1,469,075; Sept. 25.
Dunham, Henry V., Mt. Vernon, N. Y. Treating whey. 1,443,528; Jan. 30.
Dunham, Henry V., Mount Vernon, N. Y. Oil product and making same. 1,449,976; Mar. 27.
Dunham, Hermon E., Motor Company. (See Brooke, Lloyd A., assignor.)
Dunham, Joseph C., Oklahoma, Okla. Weather strip. Re15,574; Apr. 10.
Dunham, William P., Copperas Cove, Tex., assignor to Nebulizer Oil Burning Company. Firing boilers by means of fuel oils. 1,453,662; May 1.
Dunham, William S., Sharpsville, Pa. Concrete form. 1,464,600; Aug. 14.
Dunhill, Alfred, London, England. Tobacco pipe. 1,463,684; July 31.
Dunkel, Phillip, Denver, Colo. Resilient vehicle wheel. 1,474,465; Nov. 20.
Dunkelberger, Milton S., Dayton, Ohio. Casting lure. 1,457,926; June 5.
Dunkelberger, Milton S., assignor, by mesne assignments, to The Tiny Toter Manufacturing Company, Dayton, Ohio. Collapsible baby carriage. 1,465,211; Aug. 14.
Dunkley, William H., Birmingham, England. Power propulsion of road vehicles. 1,455,720; May 15.
Dunlap, Charles K., assignor to Sonoco Products Company, Hartsville, S. C. Device for winding convolute tubes. 1,478,944; Dec. 25.
Dunlap, Marvin L., Philipsburg, Pa. Trolley-wire holder. 1,448,437; Mar. 13.
Dunlap, Paul, Richmond, Calif. Combined muffler and vaporizer. 1,460,664; July 3.
Dunlap, William A., Pittsburgh, Pa. Shade holder. 1,464,699; Aug. 14.
Dunlea, John M., Los Angeles, Calif. Headlight. 1,454,671; May 8.
Dunlop, Robert R., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Rheostat. 1,471,391; Oct. 23.
Dunlop Rubber Company, The. (See Macbeth, C., and Willshaw, assignors.)
Dunlop Rubber Company, The. (See Paull, Wallace H., assignor.)
Dunlop Tire and Rubber Corporation of America. (See Germain, Edward B., assignor.)
Dunmore, Francis W. (See Lowell, P. D., and Dunmore.)
Dunn Accessories Company. (See Dunn, Henry F., assignor.)
Dunn, Alfred W., Honomu, Hawaii, and G. Potter, San Francisco, Calif. Cane-cutting-apparatus transmission gear. 1,478,327; Dec. 18.
Dunn, Benjamin F., St. Paul, Minn. Tent-tension equalizer. 1,451,208; Apr. 10.
Dunn, Edmund F., assignor to Alexander Smith & Sons Carpet Company, Yonkers, N. Y. Loom. 1,475,261; Nov. 27.
Dunn, Edmund L., et al. (See Dunn, Louis, assignor.)
Dunn, Edward L., East Orange, assignor to Otis Elevator Company, Jersey City, N. J. Hand-rope lock for elevators. 1,458,472; June 12.
Dunn, Edward L., assignor, by mesne assignments, to Merchants National Bank, Worcester, Mass. Controller for reversing machines. 1,458,902; June 12.
Dunn, Frank B., assignor to The Dunn Wire-Cut Lug Brick Company, Conneaut, Ohio. Making brick. 1,447,413; Mar. 6.
Dunn, Frederick R., Alameda, Calif. Machine for cooking doughnuts or the like. 1,440,663; Jan. 2.
Dunn, Harry E. (See Dunn, William E. and H. E.)
Dunn, Harry E., assignor to W. E. Dunn Manufacturing Company, Holland, Mich. Form for concrete structures. 1,468,702; Sept. 25.
Dunn, Henry F., Anderson, Ind., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 1,446,552; Feb. 27.
Dunn, Henry F., assignor to Dunn Accessories Company, Indianapolis, Ind. Headlight construction. 1,473,400; Nov. 6.
Dunn, Hubert, San Francisco, Calif. Electric-lamp stand. 1,446,695; Feb. 27.
Dunn, Idis L., Buck Knob, Ark. Tatting shuttle. 1,443,814; Jan. 30.
Dunn, Louis, St. Paul, Minn., assignor of two-thirds to E. L. Dunn, Millbourne, Pa., and one-third to A. V. Fabian, St. Paul, Minn. Train-stopping apparatus. 1,457,899; June 5.
Dunn Manufacturing Company. (See Burstall, William H., assignor.)
Dunn Manufacturing Company. (See Dunn, W. L., Burstall, and Diedrich, assignors.)
Dunn, Ray, Tipton, Iowa. Milk bottle. 1,462,330; July 17.
Dunn Road Machinery Company. (See Rathmell, John M., assignor.)
Dunn, W. E., Manufacturing Company. (See Dunn, Harry E., assignor.)
Dunn, William E. and H. E., Holland, Mich. Concrete mixer. 1,447,125; Feb. 27.
Dunn, William L., W. H. Burstall, and E. J. Diedrich, assignors to Dunn Manufacturing Company, Oxnard, Calif. Tongs. 1,443,568; Jan. 30.
Dunn, Winslow W., jr., St. Paul, Minn. Tag holder. 1,468,198; Sept. 18.
Dunn Wire-Cut Lug Brick Company, The. (See Dunn, Frank B., assignor.)
Dunnam, Samuel B., Coleman, Tex. Loading and unloading machine for rail ties. 1,440,722; Jan. 2.
Dunnebacke, Julius N. (See Schutt, Henry A., and Dunnebacke.)
Dünnebier, Max. (See Winkler, A., and Dünnebier.).
Dunner, Julius, New York, N. Y. Sectional hair comb. 1,447,287; Mar. 6.
Dunnet, Orville R., Charra, West Coast, South Australia, Australia. Motor-vehicle suspension. 1,477,477; Dec. 11.
Dunning, Elmer D., Philadelphia, Pa. Compression pump. 1,474,769; Nov. 20.
Dunning, J. H., Corporation. (See Strange, Edwin B., assignor.)
Dunning, Robert O., Levant, Me. Receptacle. 1,444,308; Feb. 6.
Dunnington, James H., Louisville, Ky. Burglarproof safe. 1,449,739; Mar. 27.
Dunseth, Clifford A., and H. Garrity, Albert Lea, Minn. Combined garbage can and flytrap. 1,467,895; Sept. 11.
Dunsmore, Alexander F. (See Robertson, A. R., and Dunsmore.)
Dunstan, Albert E., and F. B. Thole, Sunbury-on-Thames, England. Desulphurizing petroleum and petroleum distillates. 1,457,656; June 5.
Dunstan, William, Brunswick, Victoria, Australia. Cementitious wall board. 1,445,204; Feb. 13.
Dunston, Wayne E. (See Girl, C., and Dunston.)
Dunston, Wayne E. (See Girl, C., Dunston, and Utz.)
Dunston, Wayne E., assignor to C. Girl, Kalamazoo, Mich. Pivotal clamping device for bumpers and the like. 1,451,497; Apr. 10.
Dunston, Wayne E., assignor to C. Girl, Kalamazoo, Mich. Automobile bumper. 1,453,866; May 1.
Duntley, J. W. (See Osborn, Jesse C., assignor.)
Dunton, John C., Grand Rapids, Mich. Screening machine. 1,466,894; Sept. 4.
Dunwald, Peter, Rio, N. Y. Snow-removing apparatus. 1,466,614; Aug. 28.
Duparquet, Huot & Moneuse Company. (See Fuller, Louis J., assignor.)

Dupeza, Peter A., assignor of one-half to A. Bogdonoy, Altoona, Pa. Antiaircraft machine gun. 1,443,249; Jan. 23.

Dupler, Raymond R., Toledo, Ohio. Cultivator attachment. 1,443,171; Jan. 23.

Duplessis, René E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe-end-clamping mechanism. 1,441,218; Jan. 9.

Duplessis, René E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Trimming machine. 1,474,347; Nov. 20.

Duplex Engine Governor Company Inc. (See Baumgartner, Walter J., assignor.)

Duplex Engine Governor Company, Inc. (See Douglas, Theodore, assignor.)

Duplex Engine Governor Company. (See Tabb, Warner T., assignor.)

Duplex Transmission Company. (See Stumpenhorst, John A., assignor.)

Duplexalite Corporation. (See Cole, Rex J., assignor.)

Du Pont, Alfred I., Wilmington, Del., and H. R. Harding, Baltimore, Md., assignors to The Harding Peeling Machine Company, Wilmington, Del. Method of and apparatus for automatically cleaning, scalding, and peeling fruit. 1,457,218; May 29.

Du Pont, Alfred I., Wilmington, Del., and H. R. Harding, Baltimore, Md., assignors to Clean Food Packing Machine Company, Wilmington, Del. Scalding apparatus for tomato-peeling machines. 1,472,717; Oct. 30.

Du Pont, E. I., de Nemours & Company. (See Abraham, C. D., and Schwartz, assignors.)

Du Pont, E. I., de Nemours & Company. (See Andreau, Roland L., assignor.)

Du Pont, E. I., de Nemours & Company. (See Barnard, Arthur E., assignor.)

Du Pont, E. I. de Nemours & Company. (See Bayard, Frederick W., assignor.)

Du Pont, E. I., de Nemours & Company. (See Bulkeley, Claude A., assignor.)

Du Pont, E. I., de Nemours & Company. (See Chickering, Horace G., assignor.)

Du Pont, E. I., de Nemours and Company. (See Crane, J. E., and Loomis, assignors.)

Du Pont, E. I., de Nemours & Company. (See Davidson, Thomas M., assignor.)

Du Pont, E. I., de Nemours & Company. (See Dudley, P. E., and Boice, assignors.)

Du Pont, E. I., de Nemours & Company. (See Edwards, Victor C., assignor.)

Du Pont, E. I., de Nemours & Company. (See Essex, H., and Ward, assignors.)

Du Pont, E. I., de Nemours & Company. (See Gibbs, Harry D., assignor.)

Du Pont, E. I., de Nemours & Company. (See Haon, Harry J., assignor.)

Du Pont, E. I., de Nemours & Company. (See Hedin, Erling A., assignor.)

Du Pont, E. I. de Nemours & Company. (See Henning, Clarence I. B., assignor.)

Du Pont, E. I., de Nemours and Company. (See Houlehan, Arthur E., assignor.)

Du Pont, E. I., de Nemours & Company. (See Jacobs, Charles B., assignor.)

Du Pont, E. I., de Nemours & Company. (See Kessler, Johannes M., assignor.)

Du Pont, E. I., de Nemours & Company. (See Kessler, J. M., and Sease, assignors.)

Du Pont, E. I., de Nemours & Company. (See Kirkpatrick, Littleton, assignor.)

Du Pont, E. I., de Nemours & Company. (See Kraft, F. G., and Bacon, assignors.)

Du Pont, E. I., de Nemours and Company. (See Loomis, E. G., and Terhune, assignors.)

Du Pont, E. I., de Nemours & Company. (See Manss, Walter A., assignor.)

Du Pont, E. I. de Nemours & Company. (See Marshall, John, assignor.)

Du Pont, E. I., de Nemours & Company. (See Moran, Robert C., assignor.)

Du Pont, E. I., de Nemours & Company. (See Nevius, George H., assignor.)

Du Pont, E. I., de Nemours & Company. (See Peters, William A., jr., assignor.)

Du Pont, E. I., de Nemours & Company. (See Skilling, John M., assignor.)

Du Pont, E. I., de Nemours and Company. (See Stine, Charles M., assignor.)

Du Pont, E. I., de Nemours & Company. (See Tanberg, A. P., and Winkel, assignors.)

Du Pont, E. I., de Nemours & Company. (See Ward, William H., assignor.)

Du Pont, E. I., de Nemours & Company. (See Wilson, Elbert A., assignor.)

Du Pont, E. I., de Nemours & Company. (See Woodbury, Clifford A., assignor.)

Du Pont, Eleuthere P., Montchanin, Del. Carburetor. 1,466,704; Sept. 4.

Du Pont, Eleuthere P., Montchanin, Del. Ship construction. 1,466,705; Sept. 4.

Dupont, Jean G., Chicago, Ill. Garment protector. 1,465,076; Aug. 14.

Dupont, Jules C. M., Valenciennes, France. Saddle support adaptable to cycles and motor cycles. 1,474,109; Nov. 13.

Dupuis, Noel, assignor of one-half to C. M. King, Tacoma, Wash. Occupant-propelled vehicle. 1,457,731; June 5.

Duquesne Burner Service Co. (See Nordensson, C. O., and Mettler, assignors.)

Duquette, Duncan J., Duluth, Minn. Game. 1,455,193; May 15.

Dura Company. (See Buggie, Horace H., assignor.)

Dura Company, The. (See Nicholson, Stanley W., assignor.)

Duralectric Corporation, The. (See Householder, Miles E., assignor.)

Durand & Company. (See De Matteo, Lewis, assignor.)

Durand & Huguenin, S. A. (See Bader, M., and Sunder, assignors.)

Durand Steel Locker Company. (See Vance, Walter N., assignor.)

Durand, Victor, jr., Vineland, N. J. Making solid glass rods having bends therein. 1,451,361; Apr. 10.

Durand, Victor, jr., Vineland, N. J. Receptacle. 1,473,814; Nov. 13.

Durant Motors Incorporated. (See Pfander, Walter F., assignor.)

Durant Motors Incorporated. (See Sturt, Alfred T., assignor.)

Durant, William C., New York, N. Y., assignor to General Motors Corporation, Detroit, Mich. Vehicle frame and spring suspension. 1,475,941; Dec. 4.

Durant, William H., Somerville, Mass. Cap for grease cups. 1,461,383; July 10.

Durante, Marie R., Utica, N. Y. Cough tablet. Des. 62,712; July 24.

Duratex Corporation. (See Wilson, John A., assignor.)

Durbin, Vernon, Brookline, assignor to The Holtzer-Cabot Electric Company, Roxbury, Mass. Fire-alarm apparatus. 1,465,425; Aug. 21.

Durbin, William N., Anderson, Ind. Tin-plate branning and cleaning machine. 1,456,629; May 29.

Durelco Limited. (See Pearson, R. E., and Craig, assignors.)

Durell, George B., et al. (See Melanowski, Leo, assignor.)

Durfee, Ben, Wichita, Kans. Signboard. 1,460,951; July 3.

Durgin, Charles B. (See Ross, W. H., Durgin, and Jones.)

Durgin, Edgar R., assignor to New Jersey Optical Co., Newark, N. J. Producing rims of celluloid for eyeglasses. 1,465,423; Aug. 21.

Durgin, Edgar R., assignor to New Jersey Optical Co., Newark, N. J. Producing rings of celluloid for eyeglasses and spectacles. 1,465,424; Aug. 21.

Durgin, William B., Company. (See Hayford, Harry N., assignor.)

Durgin, William B., Co. (See Roberts, Frederick R., assignor.)

Durham, James W., Tipton, Ind. Gate hinge. 1,467,029; Sept. 4.

Duriron Company. (See Jacobsen, Oystein, assignor.)

Duriron Company, Inc., The. (See Schenck, Pierce D., assignor.)

Duro Pump and Manufacturing Company, The. (See Larsh, Everett P., assignor.)

Du Roth, John, Pittsburgh, Pa. Truck. 1,441,973; Jan. 9.

Dürr, Ludwig, assignor to Luftschiffbau Zeppelin Gesellschaft mit beschrankter Haftung, Friedrichshafen, Germany. Gas duct in airships. 1,459,878; June 26.

Durrant, Thomas, Harptree, Saskatchewan, Canada. Attachment to binders. 1,456,123; May 22.

Dürrigl, Charles, Vienna, Austria. Multicolor-light-emitting lamp. 1,466,428; Aug. 28.

Durst, Ray O., Bradford, Ohio. Grate attachment for stoves and furnaces. 1,455,721; May 15.

Durward, Elsie M. (See Horrigan, T. F., and Durward.)

Duryea, Charles E., Philadelphia, Pa., assignor to The Reo Motor Car Company, Lansing, Mich. Step for motor vehicles. 1,445,670; Feb. 20.

Duryea, William C. (See Trowbridge, A., and Duryea.)

Duryea, William F., Hackensack, N. J. Valve. 1,465,844; Aug. 21.

Dusche, Frederick W., East Orange, assignor of one-half to L. M. Nussbaum, Newark, N. J. Shoe-shining device. 1,461,310; July 10.

Dusek, Joseph, New York, N. Y. Tobacco-user's appliance. 1,478,510; Dec. 25.

Dusenbury, Joseph D., Newton, Mass. Double-cutting tool for planers. 1,466,355; Aug. 28.

Dusevoir, Julius J. (See Corgiat, J., jr., and Dusevoir.)

Dusinberre, George B., Elmira, N. Y. Electrical testing clip. 1,452,194; Apr. 17.

Dusinberre, George B., Wellsboro, Pa. Clip. 1,464,151; Aug. 7.

Dussault, Frederic J., Butte, Mont. Excavating machine. 1,454,711; May 8.

Dusseau, Cornelius J., Toledo, Ohio. Fountain shoe-blacking brush. 1,477,636; Dec. 18.

Dusseau, Maurice G., assignor of one-twentieth to A. Danziger, Los Angeles, Calif., and nineteen-twentieths to Positive Traction Motors Corporation. Universal joint. 1,457,219; May 29.

Dusseau, Thomas L., assignor to Biddle-Gaumer Company, Philadelphia, Pa. Bracket arm for lighting fixtures or similar articles. Des. 61,761; Jan. 9.
Dusseris, Henri F. E. S., Paris, France. Apparatus for movable publicity. 1,456,124; May 1.
Duster, William, Butler, Pa. Apparatus for handling plates of glass or the like. 1,446,003; Feb. 20.
Duston, Ernest W., Lakewood, Ohio, assignor to E. W. Bliss Company, Brooklyn, N. Y. Strip-metal-filing machine. 1,440,975; Jan. 2.
Dutchak, John, Hyde Park, Mass. Spring heel. 1,469,920; Oct. 9.
Dutchak, John, Hyde Park, Mass. Fountain pen. 1,469,921; Oct. 9.
Dutcher, Frank, Los Angeles, Calif. Window construction. 1,452,732; Apr. 24.
Dutcher, Frank, Versailles, assignor to Central Railway Signal Company, Pittsburgh, Pa. Railway signal torpedo. 1,475,805; Nov. 27.
Dutchess Tool Company. (See Van Houten, Frank H., assignor.)
Dutour, Jean B., San Francisco, Calif. Carburetor. 1,473,720; Nov. 13.
Dutro, Claude O., R. W. Kent, and G. S. Kent, Burkburnett, Tex. Tool for removing shackle bolts of automobile springs and the like. 1,462,447; July 17.
Dutton, Amelia P., jr., Washington, D. C. Garment. 1,468,141; Sept. 18.
Dutton, John R., et al. (See Gentry, George W., assignor.)
Duval d'Adrian, Alexander L., Washington, Pa., assignor to B. F. Brakenfeld & Co., Inc., New York, N. Y. Enamel and making the same. 1,443,813; Jan. 30.
Duval, August N., and P. C. Farris, Brazil, Ind. Furnace. 1,468,498; Sept. 18.
Duval, Harry E., Chicago, assignor to B. J. Shanley, trustee, Ottawa, Ill. Burial receptacle. 1,475,756; Nov. 27.
Duvall, George W., assignor to United States Broom Company, Davenport, Iowa. Combined broom pressing and nailing machine. 1,465,162; Aug. 14.
Duvall, James, Camas, Wash. Stripper wheel. 1,474,583; Nov. 20.
Duvall, William J., assignor to Smith & Davis Mfg. Co., St. Louis, Mo. Corner fastener for beds. 1,476,499; Dec. 4.
Duvieusart, François, Santiago, Chile. Apparatus for exchanging the heat of liquids. 1,476,061; Dec. 4.
Duwelius, Walter S., Cincinnati, Ohio. Pliers. 1,442,135; Jan. 16.
Duxbury, James F., Providence, R. I. Safety device for power presses. 1,458,688; June 12.
Dvorak, Anton, Berwyn, assignor to Beardslee Chandelier Manufacturing Company, Chicago, Ill. Finial for lighting fixtures or lamps. Des. 63,255; Nov. 13.
Dvorak, John, Cedar Rapids, Iowa. Bacon-stringing machine. 1,450,667; Apr. 3.
Dvorak, Wenzel J., Houston, Tex. Wall construction. 1,444,026; Feb. 6.
Dvorshak, Mike J., Everett, Wash. Milk-bottle carrier and opener. 1,467,613; Sept. 11.
Dwiggins, John W., Muncie, assignor to R. H. Schweitzer, Knightstown, Ind. Wire-fence loom. 1,465,761; Aug. 21.
Dwight, Arthur S. (See Knox, John, assignor.)
Dwight, James H., Atlanta, Ga. Ladder. 1,446,382; Feb. 20.
Dwight, John H., Des Moines, Iowa. Golf club. 1,441,492; Jan. 9.
Dwight & Lloyd Sintering Company. (See Lloyd, Richard L., assignor.)
Dwight, Lobe, Kansas City, Kans. Grave protector. Des. 62,815; Aug. 7.
Dwinall, Harold F., Highland Mills, N. Y. Hot water bag. 1,445,501; Feb. 13.
Dwork, Max, Brooklyn, N. Y. Window scaffold. 1,447,065; Feb. 27.
Dworzak, Adolph, New York, N. Y. Rotary furnace or kiln. 1,443,529; Jan. 30.
Dworzak, Adolph, New York, N. Y. Drier. 1,449,659; Mar. 27.
Dwyer, Cornelius, Amsterdam, N. Y. Installing water-closet bowls. 1,476,498; Dec. 4.
Dwyer, Francis P., Philadelphia, Pa. Shopping and traveling bag. 1,468,711; Sept. 25.
Dwyer, Francis P., assignor to Travelight Manufacturing Co., Philadelphia, Pa. Pencil purse. 1,476,697; Dec. 11.
Dwyer, Raymond B., Chicago, Ill. Drapery hanger. 1,447,126; Feb. 27.
Dwyer, Raymond B., Oak Park, Ill. Drapery hanger. 1,478,820; Dec. 25.
Dwyer, William C., and J. I. Mitchell, Auburn, N. Y., assignors to International Harvester Company, Chicago, Ill. Center-cutting attachment for disk harrows. 1,446,115; Feb. 20.
Dyckerhoff, Eduard, Bluemenau, Germany. Treating fibrous material. 1,446,888; Feb. 27.
Dye, George R., Indianapolis, Ind. Packed wall construction. 1,475,570; Nov. 27.
Dye, Glen M., Minneapolis, Minn. Photographic-developing apparatus and method. 1,451,065; Apr. 10.
Dye, Glen M., Minneapolis, Minn. Method and device for handling photographic films. 1,451,066; Apr. 10.
Dye, Glen M., Minneapolis, Minn. Photoprinting mask. 1,472,640; Oct. 30.
Dye, Glen M., Minneapolis, Minn. Method and apparatus for drying photographic films. 1,478,385; Dec. 25.
Dye, Glen M., assignor to Pako Corporation, Minneapolis, Minn. Presser-back mechanism for photoprinting machines. 1,463,009; July 24.
Dye, Mark W., Seattle, Wash. Automobile hat holder. 1,454,962; May 15.
Dyer, B. H., Company. (See Sterling, Frederick W., assignor.)
Dyer, Charles B., Indianapolis, Ind. Emblem, badge, brooch, pin, cuff button, watch fob, or an article of similar nature. Des. 62,272; May 1.
Dyer, Charles B., Indianapolis, Ind. Pin, emblem, medal, ring, or article of similar nature. Des. 62,396; May 22.
Dyer Company, The. (See Spicer, Delphin H., assignor.)
Dyer, Denzil C., Bend, Oreg. Camp stove. 1,442,763; Jan. 16.
Dyer, Frank L., Montclair, N. J. Measuring device for collapsible tubes. 1,463,578; July 31.
Dyer, George, Wallaceton, Va. Gasoline-drum cover. 1,448,796; Mar. 20.
Dyer, John, assignor of one-half to N. C. Mather, Chicago, Ill. Bolster. 1,444,671; Feb. 6.
Dyer, John, assignor of one-half to N. C. Mather, Chicago, Ill. Power loading and unloading device. 1,444,672; Feb. 6.
Dyer, Newell V., Holbrook, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Skiving machine. 1,442,865; Jan. 23.
Dyer, Newell V., Holbrook, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Treating corresponding parts of pairs of shoes. 1,459,721; June 26.
Dyer, Newell V., Holbrook, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and apparatus for finishing the edges of sheet material. 1,469,255; Oct. 2.
Dyer, Pearl C. (See Sorensen, F. F., and Dyer.)
Dyer, Robert J., Oakland, Calif. Kiln. 1,452,638; Apr. 24.
Dyer, William H., Douglas Township, Montcalm County, assignor of one-half to E. Raymond, Entrican, Mich. Automobile timer. 1,471,999; Oct. 23.
Dyett, James H., assignor to Hard Manufacturing Co., Buffalo, N. Y. Bedstead end frame. Des. 63,640; Dec. 25.
Dykas, Michael. (See Chochol, J., and Dykas.)
Dyke, Frank M., Ramona, Calif. Subsoiler attachment for plows. 1,461,113; July 10.
Dykema, Jacob, Muskegon, Mich. Window ventilator. 1,472,056; Oct. 30.
Dykstra, Cornelius J., Des Moines, Iowa. Toilet-seat cover. 1,440,773; Jan. 2.
Dyrr, Jacob V., Bell, Calif. Collapsible camp bed. 1,477,044; Dec. 11.
Dyrssen, Waldemar, New York, N. Y. Apparatus for moving furnace electrodes. 1,450,668; Apr. 3.
Dyrssen, Waldemar, New York, N. Y. Electrode protector. 1,468,103; Sept. 18.
Dyson, Charles W., U. S. Navy. Process of and apparatus for burning powdered fuel. 1,468,008; Sept. 18.
Dyson, Charles W., U. S. Navy, and M. C. Stuart, Annapolis, Md., assignors to Andale Engineering Company, Philadelphia, Pa. Evaporator. 1,440,723; Jan. 2.
Dyson, Charles W., U. S. Navy, and M. C. Stuart, Annapolis, Md., assignors to Andale Engineering Company, Philadelphia, Pa. Evaporator. 1,477,328; Dec. 11.
Dyson, Harry. (See Gaunt, J. S., and Dyson.)
Dyson, John, Dracut, assignor to G. M. Arragg, Lawrence, Mass. Attachment for spinning and twisting frames. 1,443,980; Feb. 6.
Dyson, Robert G., Trooper, assignor to Franklin Air Compressor Works, Norristown, Pa. Regulator for air compressors. 1,475,757; Nov. 27.
Dysthe, Martinius, Crookston, Minn. Drawer automatic cover placer. 1,443,352; Jan. 30.
Dziedzie, Julja, Detroit, Mich. Fire-alarm-signal booth. 1,446,738; Feb. 27.
Dziewoński, Karol, Cracow, Poland. Preparation of dyestuffs. 1,471,150; Oct. 16.
Dzmitrowicz, Peter. (See Brecel, Edward, assignor.)
Dzutsoff, Paul, Seattle, Wash. Combined oxygen and acetylene cutting and welding torch. 1,453,385; May 1.
E. & J. Bass, Incorporated. (See Negbaur, Harry, assignor.)
Eads, Charles W., Oakland, Calif. Finger-nail-cleaning compound. 1,467,614; Sept. 11.
Eads, Harry B., Port Arthur, Tex., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Automatic valve and rim. Re15,568; Apr. 3.
Eads, William O., Kokomo, Ind. Adjustable square and bevel. 1,442,136; Jan. 16.
Eades, Charles L., Mutual, Okla. Cow hopple. 1,447,840; Mar. 6.
Eagan, Joseph J., New Castle, Pa. Collar. 1,445,671; Feb. 20.
Eagelston, Frank W., Berkeley, Calif. Process and means for switching railway cars. 1,460,325; June 26.

Eager, Honor L., Brooklyn, N. Y. Device for removing facial wrinkles. 1,453,926; May 1.
Eagle, Frederick, assignor to Empire Biscuit Co., Brooklyn, N. Y. Display cover for containers. 1,471,781; Oct. 23.
Eagle Iron Works. (See Powell, Joseph M., assignor.)
Eagle Manufacturing Company. (See Miller, Albert A., assignor.)
Eagles, Fredrick J., and A. R. Fitzgerald, Honolulu, Hawaii. Fastener. 1,467,928; Sept. 11.
Eames, George M., Bridgeport, Conn. Fabricating tire fabrics. 1,467,289; Sept. 4.
Eames, George M., Bridgeport, and J. C. Ringe, Stratford, Conn., assignors to The Singer Manufacturing Company. Machine for threading tape into articles. 1,460,195; June 26.
Eames, George M., Bridgeport, and J. C. Ringe, Stratford, Conn., assignors to Singer Manufacturing Company, Elizabeth, N. J. Tape-threading machine. 1,473,022; Nov. 6.
Eames, Herbert S., Framingham, Mass. Skate. 1,444,673; Feb. 6.
Eanes, Hugh P., assignor, by mesne assignments, to W. W. Miller, Martinsville, Va. Doffing and donning mechanism. 1,463,462; July 31.
Eardley, George S., San Jose, Calif. Smoker's appliance. 1,458,038; June 5.
Earl, Arthur. (See Alstott, James W., assignor.)
Earl, Charles M., and B. F. Wheeler, Detroit, Mich. Beverage-dispensing device. 1,451,688; Apr. 17.
Earle, Henry, Warren, Mass. Spark plug. 1,471,249; Oct. 16.
Earle, Horatio S., Detroit, Mich., assignor to Acme Road Machinery Co., Frankfort, N. Y. Gravel crushing and screening device. 1,476,880; Dec. 11.
Earll, Sarah, Rhinelandor, Wis. Culinary device. 1,441,974; Jan. 9.
Early, Bartholomew F., Lowell, Mass. Lug strap for looms. 1,471,110; Oct. 16.
Earnshaw, Arthur R., Wynnewood, Pa. Screw driver. 1,448,392; Mar. 13.
Eastburn, Oliver W., jr., Kennett Square, assignor to E. B. Sharpless, Avondale, Pa. Tire valve. 1,478,002; Dec. 18.
Easterday, Harry E., Martinsburg; assignor of one-half to W. H. Kennedy, Bedington, W. Va. Core remover. 1,475,989; Dec. 4.
Easterwood, Joseph A. (See Trapnell, W. E., and Easterwood.)
Eastman, Adam E., assignor of one-half to W. A. Cole, Philadelphia, Pa. Spark-plug structure. 1,465,935; Aug. 28.
Eastman, Donald L., Olean, N. Y. Fountain pen. 1,455,590; May 15.
Eastman, Floyd K., Kokomo, Ind. Vehicle door check. 1,443,462; Jan. 30.
Eastman, George, assignor to Eastman Kodak Company, Rochester, N. Y. Roll-film cartridge. 1,441,146; Jan. 2.
Eastin, George F., et al., trustees. (See Kueffer, Frederick W., assignor.)
Eastman, Harry, Darlinghurst, Sydney, New South Wales, Australia. Automatic fire-extinguishing water sprinkler and alarm. 1,468,009; Sept. 18.
Eastman, Herbert W., Cedar Rapids, Iowa. Carbon remover. 1,455,574; May 15.
Eastman, Irving T., Cody, Wyo., assignor of one-half to R. O. Eastman, Minneapolis, Minn. Double-acting air pump. 1,474,665; Nov. 20.
Eastman, John E., jr. (See Schmitt, Charles A., assignor.)
Eastman, Joseph P., Manitowoc, Wis. Conveyer apparatus. 1,448,393; Mar. 13.
Eastman Kodak Company. (See Allen, E. C., and Phillips, assignors.)
Eastman Kodak Company. (See Bullock, Edmund R., assignor.)
Eastman Kodak Company. (See Capstaff, John G., assignor.)
Eastman Kodak Company. (See Capstaff, J. G., and Martin, assignors.)
Eastman Kodak Company. (See Carroll, Stewart J., assignor.)
Eastman Kodak Company. (See Chapman, A. K., and Riggs, assignors.)
Eastman Kodak Company. (See Clarke, Hans T., assignor.)
Eastman Kodak Company. (See Cook, Robert W., assignor.)
Eastman, Kodak Company. (See De Maecker, Edmond, assignor.)
Eastman Kodak Company. (See De Moos, Charles, assignor.)
Eastman Kodak Company. (See Donohue, John M., assignor.)
Eastman Kodak Company. (See Donohue, J. M., and Furrow, assignors.)
Eastman Kodak Company. (See Eastman, George, assignor.)
Eastman Kodak Company. (See Farrow, Edward S., jr., assignor.)
Eastman Kodak Company. (See Folmer, William F., assignor.)
Eastman Kodak Company. (See Fritts, Edwin C., assignor.)
Eastman Kodak Company. (See Gaumont, L., and Decaux, assignors.)
Eastman Kodak Company. (See Hodgson, Millard B., assignor.)
Eastman Kodak Company. (See Hopkins, Marcus C., assignor.)
Eastman Kodak Company. (See Jones, John G., assignor.)
Eastman Kodak Company. (See Jones, Loyd A., assignor.)
Eastman Kodak Company. (See Kingsbury, Edwin F., assignor.)
Eastman Kodak Company. (See Kroedel, Robert, assignor.)
Eastman Kodak Company. (See Lovejoy, Frank W., assignor.)
Eastman Kodak Company. (See Matthews, Irving C., assignor.)
Eastman Kodak Company. (See Owen, Clarence H., assignor.)
Eastman Kodak Company. (See Palmer, Virgil M., assignor.)
Eastman Kodak Company. (See Robertson, John A., assignor.)
Eastman Kodak Company. (See Robertson, J. A., and Speidel, assignors.)
Eastman Kodak Company. (See Seel, Paul C., assignor.)
Eastman Kodak Company. (See Sentou, C. A., and Jacquet, assignors.)
Eastman Kodak Company. (See Sheppard, Samuel E., assignor.)
Eastman Kodak Company. (See Sheppard, S. E., and Eberlin, assignors.)
Eastman Kodak Company. (See Sherman, Frank C., assignor.)
Eastman Kodak Company. (See Speidel, Charles F., assignor.)
Eastman Kodak Company. (See Stinchfield, Ray L., assignor.)
Eastman Kodak Company. (See Sturgis, Charles E., assignor.)
Eastman Kodak Company. (See Sulzer, Albert F., assignor.)
Eastman Kodak Company. (See Sulzer, A. F., and Van Derhoef, assignors.)
Eastman Kodak Company. (See Tessier, Julien, assignor.)
Eastman Kodak Company. (See Trivelli, Adreaan P. H., assignor.)
Eastman Kodak Company. (See Underwood, Ernest E., assignor.)
Eastman Kodak Company. (See Warren, Frank S., assignor.)
Eastman Kodak Company. (See Webb, William R., assignor.)
Eastman, Roy O. (See Eastman, Irving T., assignor.)
Eastman, Watson, assignor to Western Cooperage Company, Portland, Oreg. Wood-splitting machine. 1,457,966; June 5.
Eastman, William H., Concord, assignor of one-half to H. C. Whitney, Penacook, N. H. Telephone indicator. 1,455,285; May 15.
Easton & Burnham Company. (See Easton, Fred W., assignor.)
Easton, Fred W., assignor to Easton & Burnham Company, Pawtucket, R. I. Yarn and thread guide. 1,450,205; Apr. 3.
Easton, George C., Ridgewood, N. J. Game apparatus. 1,473,954; Nov. 13.
Easton, Lucian F., La Crosse, Wis. Locking device for motor valves. 1,460,538; July 3.
Easton, Rowland W., assignor of one-half to J. L. Cloudsley and O. Cloudesley, London, England. Screw conveyer. 1,468,379; Sept. 18.
Eastwood, Benjamin Company. (See Adsit, George, assignor.)
Eastword, Harry G., Brooklyn, N. Y. Automatic sprinkler alarm valve. 1,464,926; Aug. 14.
Easy Rider Knee Pad Co. (See Compton, Henry P., assignor.)
Eaton, Albert E., Seattle, Wash. Utensil hanger. 1,478,209; Dec. 18.
Eaton, Arthur L., and H. F. Vickers, Los Angeles, Calif.; said Vickers assignor to said Eaton. Vehicle body. 1,456,630; May 29.
Eaton Axle and Spring Company, The. (See Cox, William G., assignor.)
Eaton, Cori H. (See Stevens, G. H., and Eaton.)
Eaton, Crane & Pike Company. (See Hopkins, Leonard, assignor.)
Eaton, Edwin R., Orillia, Ontario, Canada. Tent attachment for motor vehicles. 1,477,111; Dec. 11.
Eaton, Fred A., South Stukely, Quebec, Canada. Mop wringer. 1,452,798; Apr. 24.
Eaton, Harold I., Ventnor, and F. A. Reiley, Atlantic City, N. J. Rope-drum attachment for tractors. 1,455,575; May 15.
Eaton, Harrison H., Beverly, Mass. Pipe cutter. 1,475,374; Nov. 27.

Eaton, Harrison H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Dust-collecting device. 1,473,613; Nov. 13.
Eaton, James H., Union, Ind. Running-board extension. 1,478,031; Dec. 18.
Eaton, James M., et al., trustees. (See Gifford, Richard T., assignor.)
Eaton, James M., et al., trustees. (See Tomlinson, E., and Gifford, assignors.)
Eaton, John, Schenectady, N. Y., assignor to General Electric Company. Motor control. 1,455,194; May 15.
Eaton, John, Schenectady, N. Y., assignor to General Electric Company. Time-element circuit controller. 1,456,100; May 22.
Eaton, John O., Taunton, Mass. Game apparatus. 1,444,674; Feb. 6.
Eaton, Orrin O., Watsonville, Calif. Loading cars. 1,442,259; Jan. 16.
Eaton, Richard M., Niagara Falls, N. Y., assignor, by mesne assignments, to A. L. Schellhammer. Electric lamp. 1,464,302; Aug. 7.
Eaton, Warren J., Midland, Pa. Grab bucket. 1,453,927; May 1.
Eaton, Wilfred B., and T. D. La May, Seattle, Wash. Slide rule. 1,461,975; July 17.
Eaton, Wyman, and F. H. Willcox, assignors to Freyn, Brassert & Company, Chicago, Ill. Gas-tight test rod. 1,464,738; Aug. 14.
Eaves, Augustus J., assignor to Western Electric Company, Incorporated, New York, N. Y. Telegraph repeating system. 1,472,463; Oct. 30.
Ebbert, Daniel F., Wheeling, W. Va. Shipping case. 1,442,714; Jan. 16.
Ebel, Frederick E., New York, N. Y. Hydraulic motor. 1,457,927; June 5.
Ebeling, Phillip, Bellaire, Ohio. Apparatus for the manufacture of glassware. 1,461,416; July 10.
Ebell, Werner, Neuruppin, Germany. Warp-tensioning device for looms. 1,470,716; Oct. 16.
Eberhard Faber Pencil Company. (See Faber, Lothar W., assignor.)
Eberhard Faber Pencil Company. (See Faber, L. W., and Robinson.)
Eberhard Faber Pencil Company. (See Stahfest, Alfred C., assignor.)
Eberhard Manufacturing Company, The. (See Schleicher, William A., assignor.)
Eberhard, Robert P., Meadow, Va. Ironing board. 1,443,250; Jan. 23.
Eberhardt, Emanuel G., Racine, Wis. Combination electric heater. 1,465,355; Aug. 21.
Eberhardt, Ernst. (See Gaus, W., Meiser, and Eberhardt.)
Eberhardt, Henry J., assignor to Newark Gear Cutting Machine Co., Newark, N. J. Sinusoidal gearing. 1,443,837; Jan. 30.
Eberhardt, Henry J., assignor to Newark Gear Cutting Machine Co. Newark, N. J. Cutting gear wheels. 1,454,430; May 8.
Eberhardt, Nicholas S., and A. E. Hackett. Milwaukee, Wis. Mule bank. 1,454,539; May 8.
Eberhardt, Nicholas S., and A. E. Hackett, Milwaukee, Wis. Frog bank. 1,461,821; July 17.
Eberhardt, Walter. (See Herschede, W. J., and Eberhardt.)
Eberley, Frank L., Whitesboro, N. Y., assignor of one-half to McLoughlin Textile Corporation, Utica, N. Y. Button stringer. 1,473,955; Nov. 13.
Eberlin, Leon W. (See Sheppard, S. E., and Eberlin.)
Eberly, Austin D., Spokane, Wash. Fluid-testing device. 1,441,564; Jan. 9.
Eberly, Jacob A., jr., Philadelphia, Pa. Hypodermic syringe. 1,453,309; May 1.
Eberly, Sylvester, assignor of one-half to H. S. Mellott, Morenci, Mich. Bottle-washing apparatus. 1,446,553; Feb. 27.
Eberly, Weir B., Mechanicsburg, Pa. Alarm for automobiles. 1,454,216; May 8.
Eberman, Sidney R., and C. W. Ferris, Homestead, Pa. Device for creasing trousers. 1,478,386; Dec. 25.
Ebert, Harry, Frederick, Md. Power plant. 1,456,919; May 29.
Ebie, Elwood, and G. A. Richter, assignors to Brown Company, Berlin, N. H. Bleaching cellulosic material. 1,470,556; Oct. 9.
Ebinger, D. A., Sanitary Mfg. Co., The. (See Ebinger, David A., assignor.)
Ebinger, David A., assignor to The D. A. Ebinger Sanitary Mfg. Co., Columbus, Ohio. Water-closet. 1,468,142; Sept. 18.
Ebner, Albert, Stuttgart, Germany. Automatic stop mechanism for talking machines. 1,456,589; May 29.
Eby, Eldon W., Blenheim, Ontario, Canada. Holder for dental floss. 1,445,009; Feb. 13.
Eccles, George H., Seattle, Wash. Ice-cream cabinet. 1,456,920; May 29.
Eccles, William, Chorlton-cum-Hardy, England, assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company. Means for supporting and for connecting bodies, machines, or other apparatus. 1,476,062; Dec. 4.
Eccleston, Charles W., assignor to Centrifugal National Concentrator Company, Los Angeles, Calif. Centrifugal separator. 1,473,421; Nov. 6.
Eccleston, Latham H., assignor of one-half to H. B. Perry, Wakefield, R. I. Appliance for fishing through the ice. 1,443,981; Feb. 6.
Echlin, Philander M., Toronto, Ontario, Canada. Ladder attachment. 1,462,086; July 17.
Eck, Karl, Bellevue Borough, assignor to The Duff Manufacturing Company, Pittsburgh, Pa. Wheeling attachment for lifting jacks. 1,461,820; July 17.
Eckart, George F., Cincinnati, Ohio. Motor vehicle. 1,449,812; Mar. 27.
Eckart, George F., Covington, Ky., assignor of one-half to J. Addison, Chicago, Ill. Rotary brush. 1,471,782; Oct. 23.
Ecke, William R. (See Matthews, J. H., and Ecke.)
Ecker, Frank J., assignor to The Lamson and Sessions Company, Cleveland, Ohio. Cotter pin. 1,444,065; Feb. 6.
Ecker, Morris. (See Levenson, Robert, assignor.)
Ecker, William B., assignor of one-fourth to D. B. Cheever, Chicago, Ill. Tire spreader. 1,450,944; Apr. 10.
Eckermann, Leo A., assignor to Kales Stamping Company, Detroit, Mich. Timer for internal-combustion engines. 1,452,419; Apr. 17.
Eckert, Carl, Berlin-Neukolln, Germany. Apparatus for bestrewing or coating articles of manufacture with bronze or other pulverulent colors. 1,466,821; Sept. 4.
Eckert, Carl E., Mason, Tex. Pipe lifter. 1,468,344; Sept. 18.
Eckert, Cecilie, New York, N. Y. Culinary press. 1,474,625; Nov. 20.
Eckert, Edward E., Chicago, Ill. Carburetor. 1,455,134; May 15.
Eckert, Fritz, Wetzlar, Germany. Hollow wall. 1,451,439; Apr. 10.
Eckert, Grandon E., assignor to The R. Thomas & Sons Co., East Liverpool, Ohio. Insulator connector. 1,458,811; June 12.
Eckert, John, Milwaukee, Wis. Gear wheel and manufacturing the same. 1,454,508; May 8.
Eckert, John, Milwaukee, Wis. Gear-wheel-forging dies and making same. 1,470,818; Oct. 16.
Eckert, Joseph, assignor to The Dayton Manufacturing Company, Dayton, Ohio. Bell-cord hanger. 1,477,549; Dec. 18.
Eckertz, Heinrich, Essen-Rellinghausen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Apparatus for loading motor vehicles. 1,477,212; Dec. 11.
Eckhard, John, assignor to Frontier Machine Tool Company, Inc., Buffalo, N. Y. Drill press. 1,441,608; Jan. 9.
Eckhouse, Herbert S., Indianapolis, Ind. Protector for car grain doors and the like. 1,463,010; July 24.
Eckl, Edward, Los Angeles, Calif. Refrigerator. 1464,648; Aug. 14.
Eckley, John R. (See Moore, W. E., Alter, Hanff, Eckley, and Wright.)
Eckman, Lawrence R., et al. (See Leaver, Edmund S., assignor.)
Eckstein, Henry G., Chicago, Ill., assignor, by mesne assignments, to The Cracker Jack Co. Manufacture of moistureproof packages. 1,451,145; Apr. 10.
Eckstein, Henry G., jr. (See Morinsky, Louis, assignor.)
Eclipse Interchangeable Counterbore Company. (See Smith, J. H., and Kengel, assignors.)
Eclipse Machine Company. (See Abell, Arthur H., assignor.)
Eclipse Machine Company. (See Garey, John P., assignor.)
Eclipse Machine Company. (See McGrath, William L., assignor.)
Eclipse Machine Company. (See Richards, Julius H., assignor.)
Eclipse Machine Company. (See Woolson, Lionel M., assignor.)
Economy Cooker Company. (See Slocomb, John T., assignor.)
Economy Electric Devices Company. (See Elsom, James D., assignor.)
Economy Engineering Company. (See French, George M., assignor.)
Economy Engineering Company. (See Pavey, William B., assignor.)
Economy Gage and Manufacturing Company, The. (See Ososke, Rudolph, assignor.)
Economy Shoe Machinery Company. (See Terry, George O., assignor.)
Eddie, Albert A. (See Whitney, Stephen H., assignor.)
Eddingston, A. T. (See Pokorny, James T., assignor.)
Eddins, Sextus A., Brockton, and W. H. Baynard, Boston, Mass. Last. 1,444,675; Feb. 6.
Eddison, William B., Irvington, assignor to The Surface Combustion Co., Incorporated, New York, N. Y. Method of and apparatus for mixing and proportioning gases. 1,466,356; Aug. 28.
Eddy, Edgar D., Toronto, Ontario, Canada. Apparatus for separating seeds. 1,452,457; Apr. 17.
Eddy, Everett H. (See Eddy, Le Roy C. and E. H.)

Eddy, Harold C., Los Angeles, assignor to Petroleum Rectifying Company of California, San Francisco, Calif. Variable-field dehydrator. 1,442,608; Jan. 16.
Eddy, Harold C., Los Angeles, assignor to Petroleum Rectifying Company of California, San Francisco, Calif. Rotating electrode closed treater for petroleum emulsions. 1,466,208; Aug. 28.
Eddy, Herbert L. (See Vonderheid, C. A., and Eddy.)
Eddy, Le Roy C. and E. H., Warren, Pa. Ironing-board-supporting means. 1,469,629; Oct. 2.
Eddy, Nelson M., et al. (See Jermin, Frank, assignor.)
Eddy, William O., Los Angeles, assignor to Petroleum Rectifying Company of California, San Francisco, Calif. Electrical dehydrator. 1,440,774; Jan. 2.
Eddy, William O., Los Angeles, assignor to Petroleum Rectifying Company of California, San Francisco, Calif. Dehydrator. 1,440,775; Jan. 2.
Eddy, William O., Los Angeles, assignor to Petroleum Rectifying Company of California, San Francisco, Calif. Dehydrator. 1,440,776; Jan. 2.
Edel Manufacturing Company, The. (See Edelman, Henry, assignor.)
Edelen, Charles. (See Arnold, C. L., and Edelen.)
Edelin, Benedict F., Washington, D. C. Pneumatic toy pistol. 1,441,975; Jan. 9.
Edelin, James N., assignor to Novelties Mfg.-Sales Corporation, Washington, D. C. Coin-holding device. 1,472,268; Oct. 30.
Edell, Fred B., Chicago, Ill. Flush valve. 1,477,329; Dec. 11.
Edelman, Henry, Philadelphia, Pa., assignor to Philip Stillman, New York, N. Y. Bathtub trap. 1,444,371; Feb. 6.
Edelman, Henry, assignor to The Edel Manufacturing Co., Philadelphia, Pa. Bathtub appurtenance. 1,466,895; Sept. 4.
Edelman, Philip E., New York, N. Y. Automatic control of reactions. 1,450,023; Mar. 27.
Eden, James A., jr., Springfield, Mass., assignor to W. H. Foster, New York, N. Y. Bolt machine. 1,448,360; Mar. 13.
Eden, James A., jr., Springfield, Mass., assignor to W. H. Foster, New York, N. Y. Turning and threading machine. 1,456,101; May 22.
Eder, Franz, New Rochelle, N. Y., assignor to River and Rail Transportation Company, St. Louis, Mo. Automatically-locking flat car for containers. 1,471,111; Oct. 16.
Eder, George S., Kansas City, Mo. Pump. 1,444,596; Feb. 6.
Eder, Harold R., Pittston, Pa. Mud lug. 1,470,819; Oct. 16.
Edgar, Andrew C., Newtown Square, Pa. Furnace construction. 1,448,734; Mar. 20.
Edgar, Frank M., and T. P. Archer, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Windshield pivot. 1,451,978; Apr. 17.
Edgar, Louis C., Swissvale, Pa. Sintering apparatus. 1,442,023; Jan. 9.
Edgar, Louis C., Swissvale, Pa. Blowing engine. 1,442,024; Jan. 9.
Edgar, Robert, New York, N. Y. Washboiler attachment. 1,443,172; Jan. 23.
Edgar Steel Seal & Mfg. Co., The. (See Edgar, William K., assignor.)
Edgar, William K., assignor to The Edgar Steel Seal & Mfg. Co., Lawrence, Kans. Car seal. 1,454,217; May 8.
Edge, Grant. (See Weittenhiller, M., and Edge.)
Edgecombe, Edward F., jr., Indianapolis, assignor to The Honeywell Heating Specialties Company, Wabash, Ind. Circulation-control system. Re. 15,531; Jan. 23.
Edgecombe, Edward F., jr., assignor to Meier-Gaynor Mfg. Co., Indianapolis, Ind. Bottle capper. 1,454,540; May 8.
Edgerton, B. G. (See Meister, Herman, assignor.)
Edgerton, Charles G., et al. (See Killy, Sever P., assignor.)
Edgerton Manufacturing Co., The. (See Ward, Albert F., assignor.)
Edin, John O. J., Mora, Minn. Ventilator. 1,441,070; Jan. 2.
Edison Electric Appliance Co. (See Rankin, William A., assignor.)
Edison Electric Appliance Company. (See Shroyer, Jacob L., assignor.)
Edison, Thomas A., Incorporated. (See Aimone, Raimondo C., assignor.)
Edison, Thomas A., Llewellyn Park, West Orange, assignor to New Jersey Patent Company, West Orange. Stylus mounting. 1,456,687; May 29.
Edison, Thomas A., jr., Orange, N. J. Air auxiliary supply means for internal-combustion engines. 1,452,829; Apr. 24.
Edler, Eduard, Leipzig-Lindenau, assignor, by mesne assignments, to A. K. Iseler and A. G. W. Iseler, Leipzig-Plagwitz, Germany. Expanding gate valve. 1,462,635; July 24.
Edler, Eduard, Leipzig-Lindenau, assignor, by mesne assignments, to A. K. Iseler and A. G. W. Iseler, Leipzig-Plagwitz, Germany. High-pressure slide stop valve with parallel steam-tight surfaces. 1,462,636; July 24.
Edlich, Paul, Delawanna, N. J. Process and device for finishing textile fabrics and the like. 1,471,561; Oct. 23.
Edlund, Henry J., Burlington, Vt., assignor, by mesne assignments, to The Fuller Brush Company, Hartford, Conn. Broom. Des. 63,074; Oct. 2.
Edmands, Frank, assignor to Draper Corporation, Hopedale, Mass. Bobbin. 1,463,205; July 31.
Edmands, Walter S., Boston, Mass. Surgical baker. 1,471,329; Oct. 23.
Edmister, William W., Kokomo, Ind. Bottle attachment. 1,451,564; Apr. 10.
Edmond, Alfred, Kearney, N. J. Fuel saver. 1,461,030; July 10.
Edmonds, Garfield J., Philadelphia, Pa. Garment presser. 1,448,618; Mar. 13.
Edmonds, Henry, Birmingham, England. Photograph frame. 1,441,071; Jan. 2.
Edmonds, Samuel P., Brooklyn, N. Y. Life belt. 1,448,527; Mar. 13.
Edmonds, Walter D., Boonville Township, Oneida County, N. Y. Paper sheet and making the same. 1,442,056; Jan. 16.
Edmondson, George W., New York, N. Y. Multiple fish-hook. 1,448,735; Mar. 20.
Edmondson, Robert, Rochester, N. Y. Mixing machine. 1,443,735; Jan. 30.
Edmondson, Robert E. (See Chappell, J. M., and Edmondson.)
Edmunds and Jones Corporation. (See Godley, Charles E., assignor.)
Edmunds & Jones Corporation. (See Kerwin, Thomas J., assignor.)
Edmunds & Jones Corporation. (See Snorf, Newton L., assignor.)
Edmundson, Herbert W., and W. T. Munro, Rugby, England, assignors to General Electric Company. Vacuum electric discharge device. 1,450,413; Apr. 3.
Edney, William J., Sutton, England. Turbine. 1,456,122; May 22.
Edon-Brown, Herbert, Westminster, London, England. Mold for casting hollow concrete structures. 1,440,380; Jan. 2.
Edridge, Hartwell L., Minneapolis, Minn. Gas generator and burner. 1,446,889; Feb. 27.
Edrington, William B., Hollywood, Miss. Cotton-picking machine. 1,465,974; Aug. 28.
Edson Manufacturing Corporation. (See Wickwire, J. W., and Burns, assignors.)
Edson, William, Harrison, N. Y. Valve stem and guide lubricator. 1,473,839; Nov. 13.
Edstrom, Otto E., Cary, Ill. Adjustable wrench. 1,440,381; Jan. 2.
Edstrom, Otto E., Chicago, Ill. Adjustable wrench. 1,459,583; June 19.
Edwards, Albert, Brooklyn, N. Y. Ironing board. 1,469,456; Oct. 2.
Edwards, Albert W., et al. (See Van Nagell, John R., assignor.)
Edwards, Albert Y., Springfield, Ohio. Valve mechanism for internal-combustion engines. 1,458,223; June 12.
Edwards, Alonzo L. (See Paull, A. W., and Edwards.)
Edwards, Alonzo L., and J. A. McGinnis, assignors to Wheeling Stamping Company, Wheeling, W. Va. Cap-feeding mechanism. 1,465,897; Aug. 21.
Edwards, Bruce V., Newark, N. J., assignor to W. L. Leary, Chicago, Ill. Conveying apparatus. 1,460,539; July 3.
Edwards, Charles K., Chingford, London, assignor to The Associated Equipment Company Limited, Westminster, London, England. Control gear for electric driving mechanism. 1,472,358; Oct. 30.
Edwards, Charles K., and D. E. Batty, assignors to Associated Equipment Company, Limited, London, England. Automatic controlling means for the ignition timing in internal-combustion engines. 1,460,056; June 26.
Edwards, Charles R., Houston, Tex. Pipe puller. 1,443,463; Jan. 30.
Edwards, Charles R., Houston, Tex. Wrench. 1,446,619; Feb. 27.
Edwards, Charles R., Houston, Tex. Rotating jar. 1,450,024; Mar. 27.
Edwards, Daniel G., Hopkinsville, Ky., assignor to J. A. Stone, Washington, D. C. Fire-control means for aircraft machine guns. 1,466,951; Sept. 4.
Edwards, Edwin L., and F. A. Farwell, assignors to Edwards X-Ray Corporation, Indianapolis, Ind. Safety X-ray apparatus. 1,450,025; Mar. 27.
Edwards, Eugene P., assignor to G. W. Neff, Plainfield, N. J. Universal joint. 1,447,934; Mar. 6.
Edwards, Francis E., Crystal Lake, assignor to Stromberg Motor Devices Company, Chicago, Ill. Fuel-feed system. 1,440,382; Jan. 2.
Edwards, Francis E., Crystal Lake, assignor to Stromberg Motor Devices Company, Chicago, Ill. Fuel-feed system for automobiles and the like. 1,455,085; May 15.
Edwards, George D., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Anti-side-tone substation circuits. 1,442,427; Jan. 16.

Edwards, George W., Berlin, N. H. Stoker grate. 1,463,157; July 31.
Edwards, Gladys M., Sacramento, Calif. Alarm for pocketbooks, etc. 1,465,466; Aug. 21.
Edwards, Henry J., Elyria, assignor to The Willys-Overland Company, Toledo, Ohio. Pin-locking means. 1,443,014; Jan. 23.
Edwards, Isaac L., Aurora, Ill. Spike. 1,445,576; Feb. 13.
Edwards, Isaac L., Aurora, Ill. Rail joint. 1,445,577; Feb. 13.
Edwards, John C., Utica, N. Y. Adjustable rail brace. 1,478,558; Dec. 25.
Edwards, Jose S., Helper, Utah. Automobile rim. 1,452,073; Apr. 17.
Edwards, Joseph E., Memphis, Tenn. Dredge bucket. 1,465,163; Aug. 14.
Edwards, Junius D., Oakmont, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum-silicon alloy and making it. 1,453,928; May 1.
Edwards, Louis C., Ellington, Conn. Tobacco-stripping table. 1,476,240; Dec. 4.
Edwards, Oliver P., Leipsic, Ohio. Shock-absorbing apparatus for vehicles. 1,457,509; June 5.
Edwards, Orin R. (See Haughey, Charles B., assignor.)
Edwards, Richard C., Oakland, Calif. Releasing device for lifeboats and other similar craft. 1,471,552; Oct. 23.
Edwards, Robert D., Kansas City, Mo. Motor belt. 1,474,666; Nov. 20.
Edwards, Robert I., Detroit, Mich. Corner-bead clamp. 1,468,463; Sept. 18.
Edwards, Samuel M., Detroit, Mich. Tool for removing and replacing valve guides. 1,468,777; Sept. 25.
Edwards, Victor C., Arlington, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reenforced glass. 1,467,030; Sept. 4.
Edwards, Victor E., assignor to Morgan Construction Company, Worcester, Mass. Handling hot-metal strip and apparatus therefor. 1,469,721; Oct. 2.
Edwards, William, Rock Springs, Wyo. Panoramic attachment for cameras. 1,456,372; May 22.
Edwards X-Ray Corporation. (See Edwards, E. L., and Farwell, assignors.)
Een, Johannes B., Voss, Norway. Wooden-floor section. 1,468,288; Sept. 18.
Effertz, Edward P., Winona, Minn. Self-computing level rod. 1,450,360; Apr. 3.
Efficiency Electric Corporation. (See Dean, William W., assignor.)
Efficiency File Co. (See Turner, Roy J., assignor.)
Egan, George F. (See Stern, C., and Egan.)
Egan, James, Chicago, Ill. Auxiliary foot accelerator. 1,441,669; Jan. 9.
Egan, James H., Ventnor, N. J. Register-operating mechanism. 1,459,879; June 26.
Egan, Naomi, Redding, Calif. Collapsible roost. 1,452,366; Apr. 17.
Egan, Paul C., Mount Vernon, N. Y. Lighting fixture. 1,474,958; Nov. 20.
Egan, William J., Geelong, Victoria, Australia. Baby carriage. 1,475,375; Nov. 27.
Egashira, Haruki, Tokyo Fu, Japan. Photographic transfer paper. 1,450,067; Mar. 27.
Egersdörfer, Fritz, Charlottenburg, Germany. Feed pump for combustion engines. 1,466,092; Aug. 28.
Egersdörfer, Fritz, Charlottenburg, Germany. Rotary machine. 1,466,276; Aug. 28.
Egert, Benjamin J. (See Boe, H. J., and Egert.)
Egerton, Henry C., Ridgewood, N. J. Diaphragm for dictaphones, etc. 1,455,745; May 15.
Egerton, Henry C., Ridgewood, N. J. Making shoes, boots, etc. 1,457,826; June 5.
Egerton, Henry C., Ridgewood, N. J. Phonograph horn, etc. 1,475,623; Nov. 27.
Egerton, Henry C., Ridgewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Phonographic recording and reproducing system. 1,454,157; May 8.
Egerton, Henry C., Passaic, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Machine and winding electrical coils. 1,462,032; July 17.
Egg, Harold, Billingshurst, England. Device for producing relative translational movement. 1,469,630; Oct. 2.
Egger, Alva W., Joliet, Ill. Truck unloader. 1,448,835; Mar. 20.
Egger, Louis, Sumiswald-Grunen, Switzerland. Machine for cutting embroidery. 1,447,650; Mar. 6.
Egger, Louis, Sumiswald-Grunen, Berne, Switzerland. Book-sewing machine. 1,450,914; Apr. 10.
Egger, Thomas A., Columbus, Miss. Ignition system. 1,447,971; Mar. 13.
Eggers, Clarence C. C., Hooper, Nebr. Torch. 1,459,658; June 19.
Eggers, John H., jr., Huntingburg, Ind. Car coupling. 1,461,769; July 17.
Eggert, Gustav B., assignor to Baker-Perkins Manufacturing Corporation, Saginaw, Mich. Gearing. 1,442,057; Jan. 16.
Eggert, Gustav B., assignor to Baker-Perkins Manufacturing Corporation, Saginaw, Mich. Mixing and kneading machine. 1,448,438; Mar. 13.
Eggert, Walter C., Seattle, Wash. Grinding mill. 1,449,592; Mar. 27.
Eggleston, Robert S., Antwerp, N. Y. Decarbonizing attachment for internal-combustion engines. 1,476,241; Dec. 4.
Egle, William, Detroit, Mich. Hydrocarbon burner. 1,447,770; Mar. 6.
Egler, Nicolas F., Chicago, Ill., assignor, by mesne assignments, to The Union Trust Company, trustee, Cleveland, Ohio. Billet-heating furnace. 1,456,788; May 29.
Egli, Huldreich, Baltimore, Md. Oyster-shucking machine. 1,445,672; Feb. 20.
Egloff, Gustav, New York, N. Y. Treating hydrocarbons. 1,478,559; Dec. 25.
Egloff, Gustav, and H. P. Benner, Independence, Kans., assignors to Universal Oil Products Company, Chicago, Ill. Apparatus for treating oil. 1,470,353; Oct. 9.
Egner, Daniel W., Linthicum Heights, Md. Cabinet. 1,441,670; Jan. 9.
Egolf, Paul H., Narberth, Pa. Toy railway track. 1,467,475; Sept. 11.
Egry Register Company, The. (See Wimmers, August A., assignor.)
Ehmka, William C., assignor to Detroit Sheet Metal Works, Detroit, Mich. Industrial oven. 1,474,515; Nov. 20.
Ehmke, Albert E., assignor of one-third to C. W. Ehmke and one-third to A. B. Chapman, Silver Creek, N. Y. Spark plug for explosive engines. 1,471,309; Oct. 16.
Ehmke, Charles W., et al. (See Ehmke, Albert E., assignor.)
Ehrbar, George C., Cleveland, Ohio. Furnace grate. 1,453,093; Apr. 24.
Ehrenberg, Carl. (See Wiederhold, H., and Ehrenberg.)
Ehrenfeuchter, Julius, Hanover-Wulfel, Germany. Parallel vise. 1,458,619; June 12.
Ehrenreich, Alfred, New York, and A. Rogers, Brooklyn, N. Y., assignors to The Ocean Leather Company, New York, N. Y. Manufacture of fertilizer stock. 1,441,219; Jan. 9.
Ehret, Cornelius D. (See Kolster, Frederick A., assignor.)
Ehret, Cornelius D. (See McCaa, David G., assignor.)
Ehrhard, Joseph, Curtis, Okla. Potato slicer. 1,442,715; Jan. 16.
Ehrhart, Raymond N., Edgewood, Pa. Feed-water heater. 1,469,068; Sept. 25.
Ehrhart, Raymond N., assignor to Elliott Company, Pittsburgh, Pa. Ejector. 1,443,315; Jan. 23.
Ehrhart, Raymond N., assignor to Elliott Company, Pittsburgh, Pa. Ejecting apparatus for exhausting air or other fluids. 1,447,014; Feb. 27.
Ehrhart, Raymond N., assignor to Elliott Company, Pittsburgh, Pa. Ejector apparatus for exhausting air or other fluids. 1,449,220; Mar. 20.
Ehrhart, Raymond N., assignor to Elliott Company, Pittsburgh, Pa. Method of and apparatus for compressing elastic fluids. 1,449,504; Mar. 27.
Ehrhart, Raymond N., assignor to Elliott Company, Pittsburgh, Pa. System for removing air and gases from water. 1,463,158; July 31.
Ehrhart, Raymond N., Jeannette, Pa., assignor to Westinghouse Electric & Manufacturing Co. Steam-actuated ejector. 1,444,539; Feb. 6.
Ehrhart, Raymond N., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Co. Condensing apparatus. 1,456,870; May 29.
Ehrhart, Raymond N., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Condenser apparatus. 1,456,871; May 29.
Ehrhart, Raymond N., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Co. Condenser and air-pump apparatus. 1,466,042; Aug. 28.
Ehrlich, Albert H., St. Joseph, Mo. Display refrigerator. 1,451,565; Apr. 10.
Ehrlich, Albert H., St. Joseph, Mo. Refrigerator display counter. 1,451,566; Apr. 10.
Ehrlich, Albert H., St. Joseph, Mo. Refrigerator or cold-storage room. 1,469,631; Oct. 2.
Ehrlich, Herman, Chicago, Ill. Spool holder. 1,470,258; Oct. 9.
Ehrman, Bertha, St. Louis, Mo. Spring clamp. 1,470,259; Oct. 9.
Eiard, Francois E. M., Levallois-Perret, France. Divisible and adjustable bridge or crane for lifting, carrying, or sustaining loads. 1,450,492; Apr. 3.
Eich, Albert A., Richmond, Minn. Pulverizer and quack-grass destroyer. 1,450,318; Apr. 3.
Eichbaum, Herman W., Venice, Calif. Ignition system. 1,466,209; Aug. 28.
Eichelberger, George W., jr., Goose Creek, Tex. Automatic stop for phonographs. 1,455,326; May 15.
Eichenberg, William J., assignor to Industrial Research Corporation, Toledo, Ohio. Driving mechanism. 1,445,614; Feb. 13.
Eichenberger, Rudolf, Zurich, Switzerland. Device for producing permanent undulation. 1,464,867; Aug. 14.
Eichenberger, Walter O., Gray, Saskatchewan, Canada. Grain-shocking machine. 1,453,242; Apr. 24.
Eicher, Albert L., Canal Fulton, Ohio. Forging gear worms. 1,474,516; Nov. 20.

Alphabetical list of patentees—Continued.

Eichhorn, Joseph, Columbia, Pa. Adjustable garment. 1,453,243; Apr. 24.
Eichman, Emil, Detroit, Mich. Tire tool. 1,441,671; Jan. 9.
Eichwald, Egon, and H. E. R. Vogel, Hamburg, Germany. Manufacture of lubricants from low-temperature tar. 1,450,026; Mar. 27.
Eidmann, Frank L., assignor to J. L. Wyckoff, E. N. White, and G. F. Jenks, trustees, Holyoke, Mass. Elevating truck. 1,454,431; May 8.
Eiermann, William, Brooklyn, N. Y. Boring spade. 1,458,039; June 5.
Eiermann, William, Brooklyn, N. Y. Weighted scraper. 1,473,546; Nov. 6.
Eihorn, Joseph, Louisville, Ky. Truss. 1,475,475; Nov. 27.
Eilender, Walter L. E., Remscheid, Germany, assignor, by mesne assignments, to The Chemical Foundation, Inc. High-speed steel free from tungsten. 1,448,288; Mar. 13.
Eilers, Frank, Fort Wayne, Ind., assignor to Tokheim Oil Tank and Pump Company. Gauge. 1,478,328; Dec. 18.
Eilers, Hio P., Los Angeles, Calif. Clutch. 1,460,234; June 26.
Einfeldt, Emil, Davenport, Iowa. Wheel-driving mechanism. 1,464,978; Aug. 14.
Einson-Freeman Company. (See Ganz, Albert J., assignor.)
Einstein, Robert E., et al. (See Hachmann, Frederick, assignor.)
Einstein, Robert E., assignor to St. Louis Frog & Switch Co., St. Louis, Mo. Adjustable switch-rail clip. 1,455,996; May 22.
Eis, Julius O., and E. J. Knauff, assignors to Aid Manufacturing Co., Chicago, Ill. Electric switch. 1,448,058; Mar. 13.
Eisbach, Aloysius A., assignor of one-fifth to J. H. Bruhn, Dubuque, Iowa. Glaziers' point setters. 1,449,035; Mar. 20.
Eisele, Charles. (See Goodfellow, Joseph P., assignor.)
Eisele, Louis F., Philadelphia, Pa. Fireplace guard screen. 1,454,269; May 8.
Eisele, Hieronymus, Omaha, Nebr. Dental bridge. 1,459,951; June 26.
Eisele, Logan, New York, N. Y. Thermometer. 1,447,935; Mar. 6.
Eiseman, Kaye Company. (See Kaye, Joseph M., assignor.)
Eisen, William C. J., Jersey City, N. J. Handle. 1,460,057; June 26.
Eisenbach, Peter, Detroit, Mich. Spring rim. 1,455,997; May 22.
Eisenberg, M., & Son. (See Crumley, Le Roy A., assignor.)
Eisenberg, M. & Son. (See Meier, George, assignor.)
Eisenberg, Solomon, Syracuse, N. Y. Finger ring, bracelet, or article of similar nature. Des. 62,713; July 24.
Eisenhart, George W., assignor to Mid-East Specialty Company, Inc., Binghamton, N. Y. Handle construction for paper bags. 1,451,652; Apr. 10.
Eisenlohr, Carl. (See Hren, J., and Eisenlohr.)
Eisenmann, John, assignor to The Manell Building Block & Tile Company, Cleveland, Ohio. Building block and construction. 1,456,373; May 22.
Eiserman, Frederick, W., and H., Cleveland, Ohio. Timing mechanism for boiler skimmers. 1,463,577; July 31.
Eiserman, Herman. (See Eiserman, Frederick, W., and H.)
Eiserman, William. (See Eiserman, Frederick, W., and H.)
Eisselt, Ferdinand E. G., assignor to E. Richter, Chemnitz, Germany. Electric liquid heater. 1,463,617; July 31.
Eitutis, John A., Chicago, Ill. Repeating device for phonographs. 1,457,428; June 5.
Ek, Arvid, assignor to Brown Company, Portland, Me. Dispensing cabinet. 1,478,329; Dec. 18.
Ek, Edward M., Providence, R. I. Harness motion for looms. 1,475,476; Nov. 27.
Ekberg, Lender, Vasteras, Sweden. Rail joint. 1,451,766; Apr. 17.
Ekberg, Olaf, Topeka, Kans. Garment. 1,474,896; Nov. 20.
Ekco Engineering Company, The. (See Darrah, William A., assignor.)
Ekco Engineering Company, The. (See Katzinger, Arthur, assignor.)
Ekeberg, Lars H., Rockford, Ill. Signal for vehicles. 1,461,114; July 10.
Ekholm, John. (See Wiberg, Charles A., assignor.)
Ekiss, Dwight, Dalton City, Ill. Air-valve opener. 1,445,205; Feb. 13.
Ekland, Thomas C., Washington, Pa. Draw spike. 1,476,698; Dec. 11.
Eklund, Alexander. (See Thoma, A. J., and Eklund.)
Eklund, Axel G., Attleboro, assignor to J. F. Sturdy's Sons Co., Attleboro Falls, Mass. Bracelet-buckle member. Des. 62,939; Aug. 28.
Eklund, Axel G., Attleboro, assignor to J. F. Sturdy's Sons Co., Attleboro Falls, Mass. Bracelet-buckle member. Des. 62,940; Aug. 28.
Eklund, Felix. (See Boyan, T. J., and Eklund.)
Eklund, Harold A., Tulsa, Okla. Oil injector. 1,473,475; Nov. 6.
Eklund, Hildore C. (See Cooney, E. H., Eklund, and Wiprud.)
Eklund, Oscar F., Worcester, Mass. Belt shipper. 1,451,945; Apr. 17.
Eklundh, John G. G., Columbus, Ohio, and C. O. Kennedy, Servia, Ind., assignors to The Universal Milking Machine Company. Pulsator for milking machines. 1,444,906; Feb. 13.
Ekstadt, Charles O., Orion, Ill. Conveyer. 1,447,936; Mar. 6.
Ekstrom, Eric S., et al. (See Anderson, Carl L., assignor.)
Ekstrom, Eric S., et al. (See Faust, Levin, assignor.)
Ekstrom, Eric S., et al. (See Swenson, Carl E., assignor.)
Ekström, Gunnar C., and G. Orström, assignors to Aktiebolaget Ger. Arehns Mekaniska Verkstad, Stockholm, Sweden. Means for portioning cigarettes or other staff-shaped articles for the packeting of same. 1,447,715; Mar. 6.
Ekström, Gunnar C., and G. Örström, assignors to Aktiebolaget Gehr. Arehns Mekaniska Verkstad, Stockholm, Sweden. Packeting device for boxes and the like. 1,468,010; Sept. 18.
Ekström, Per G., assignor to Aktiebolaget Syrefast Murning, Stockholm, Sweden. Acidproof mortar. 1,456,303; May 22.
Ekvall, Carl O., New York, N. Y. Patch-applying mechanism for window envelopes. 1,474,832; Nov. 20.
Elardo, Joseph W., Fredonia, N. Y. Auto safety signaling device. 1,443,251; Jan. 23.
Elastic Paint Co. (See Goldthorpe, Edwin T., assignor.)
Elbertz, Frank V., Kokomo, Ind. Traction-wheel drive gearing. 1,469,433; Oct. 2.
Elder, Andrew D. (See Elder, Robert B., assignor.)
Elder, John, Raymond, Alberta, Canada. Combined wire stretcher and splicer. 1,442,928; Jan. 23.
Elder, John, Raymond, Alberta, Canada. Wire stretcher and splicer. 1,447,536; Mar. 6.
Elder, Matthew L., Pittsfield, Mass., assignor to General Electric Company. Radiating casing for electrical apparatus. 1,471,888; Oct. 23.
Elder, Robert B., assignor to A. D. Elder, Denver, Colo. Hydraulic classifier. 1,451,067; Apr. 10.
Elder, William S., assignor to J. Hirsch, Philadelphia, Pa. Undergarment. 1,444,676; Feb. 6.
Elderkin, James K., Newark, N. J. Thermionic rectifier and circuits therefor. 1,445,206; Feb. 13.
Elderton, Robert, and C. D. Baldwin, Independence, Iowa. Clamp. 1,459,445; June 19.
Eldred, Byron E., New York, N. Y., assignor, by mesne assignments, to Carbide and Carbon Chemicals Corporation. Making halogenated products. 1,456,590; May 29.
Eldred, Byron E., Long Island City, N. Y., assignor, by mesne assignments, to Carbide and Carbon Chemicals Corporation. Separating olefines from gaseous mixtures. 1,465,600; Aug. 21.
Eldred, Byron E., New York, and B. T. Brooks, Bayside, N. Y., assignors, by mesne assignments, to Carbide and Carbon Chemicals Corporation. Process and apparatus for manufacture of chlorhydrins. 1,465,601; Aug. 21.
Eldredge, Elmer E., Zeeland, Mich., assignor to Phenix Cheese Company, New York, N. Y. Sterilizing cheese. Re15,648; July 10.
Eldridge, Leonard C., Indianapolis, Ind. Game counter. 1,468,143; Sept. 18.
Electone Company. (See Seiffert, George, assignor.)
Electric Arc Cutting and Welding Company. (See Flood, W. H., and Smout, assignors.)
Electric Arc Cutting & Welding Company. (See Holslag, Claude J., assignor.)
Electric Auto-Lite Company. (See Patterson, Harry R., assignor.)
Electric Auto-Lite Corporation. (See Buchenberg, Alvin E., assignor.)
Electric Auto-Lite Corporation. (See Davies, Henry R., assignor.)
Electric Auto-Lite Corporation. (See Gilchrist, Clarence F., assignor.)
Electric-Auto-Lite Corporation. (See Gilchrist, C. F., and Patterson, assignors.)
Electric Auto-Lite Corporation. (See Post, Truman W., assignor.)
Electric Auto-Lite Corporation. (See Saxon, Herman R., assignor.)
Electric Auxiliaries Company. (See Herz, Alfred, assignor.)
Electric Boat Company. (See Bedell, Charles H., assignor.)
Electric Controller & Manufacturing Company. (See Frost, Homer E., assignor.)
Electric Controller & Manufacturing Company. (See Rippl, Charles H., assignor.)
Electric Controller & Manufacturing Company, The. (See Stratton, Harry F., assignor.)
Electric Forge Corporation, The. (See Henry, Ira W., assignor.)
Electric Fruit Marking Co. (See Ahlburg, Frank, assignor.)
Electric Hammer Company. (See Kollock, G. L., and Martin, assignors.)

Electric Heating Apparatus Company. (See Reid, Thomas A., assignor.)
Electric Heating Corporation. (See Macy, Barnett W., assignor.)
Electric Milker Corporation. (See Gessler, Frederick A, assignor.)
Electric Milker Corporation. (See Gessler, F. A., and Mitchell, assignors.)
Electric Phonograph Company. (See Shigley, Cyrus C., assignor.)
Electric Railway Improvement Company, The. (See Cadwell, Charles A., assignor.)
Electric Sealing Machine Corporation. (See Herzig, Irwin M., assignor.)
Electric Sealing Machine Corporation. (See Reusch, Walter, assignor.)
Electric Service Supplies Company. (See Darling, Lewis A., assignor.)
Electric Smelting & Aluminum Co. Inc., The. (See Cowles, Edwin, assignor.)
Electric Vaporizing Nozzle Company. (See Griffin, Archibald W., assignor.)
Electric Water Sterilizer and Ozone Company. (See Hartman, Harry B., assignor.)
Electric Welding Machine Company. (See Lorenz, Samuel E., assignor.)
Electrical Development and Machine Company. (See Papini, Anthony, assignor.)
Electrical Engineers Equipment Company. (See Jacobs, Ernest H., assignor.)
Electro Chemical Company, The. (See Gerstle, John, assignor.)
Electro Metallurgical Co. (See Becket, F. M., and McQuigg, assignors.)
Electro Metallurgical Company. (See Becket, Frederick M., assignor.)
Electric Steel Products Corporation. (See Lachman, Maurice, assignor.)
Electrolytic Zinc Company of Australasia Proprietary Limited. (See Gepp, Herbert W., assignor.)
Electromotive Engineering Company. (See Hamilton, Harold L., assignor.)
Electron Corporation, The. (See Kerrigan, Edward L., assignor.)
Electropure Corporation. (See Turner, Robert C., assignor.)
Elektrizitatswerk Lonza. (See Gütlin, Hermann, assignor.)
Elektrizitatswerk Lonza. (See Lüscher, E., and Lichtenhahn, assignors.)
Elektrizitätswerk Lonza. (See Odinga, Theodor, assignor.)
Elektrizitatswerk Lonza. (See Tommasi, C., Sandholm, Danneel, and Busch, assignors.)
Elers, Karl F., Oakmont, Pa. Creep check for rails. 1,477,637; Dec. 18.
Elesco Lace and Embroidery Co. (See Levi, J. A., and Ploetner, assignors.)
Elevator Supplies Co. (See Scott, Rumsey W., assignor.)
Elevayor Electric Industrial Truck Co. (See Schroeder, William, jr., assignor.)
Eley, William, Suffolk, Va. Twine holding and dispensing device. 1,457,621; June 5.
Elfelt, Clifford S., Los Angeles, Calif, assignor to E. Elfelt and D. Weber, Chicago, Ill. Hand bag. 1,458,329; June 12.
Elfelt, Esther, et al. (See Elfelt, Clifford S., assignor.)
Elfreth, Harold D., assignor, by mesne assignments, to H. S. B. W.-Cochrane Corporation, Philadelphia, Pa. Weighing machine. 1,456,631; May 29.
Elgin Auto Tool Company. (See Davenport, Wesley M., assignor.)
Elgin National Watch Company. (See Williams, Lois M., assignor.)
Elgin Street Sweeper Co. (See Martin, Elmer R., assignor.)
Elia, Giovanni E., New York, N. Y. Aerial shell. 1,442,929; Jan. 23.
Elia, Giovanni E., Westminster, London, assignor to Vickers Limited, London, England. Submarine mine. 1,449,168; Mar. 20.
Elias, Adolph D., Philadelphia, Pa. Life preserver. 1,468,464; Sept. 18.
Elias, Joan J. M., Banjoemas, Java. Machine for planting cuttings. 1,470,067; Oct. 9.
Elick, John, Centralia, Wash. Draft-controlling device. 1,461,606; July 10.
Eliopulos, Christ, Marion, Ind. Cream whipper. 1,457,622; June 5.
Elite Manufacturing Company. (See Burkholder, John H., assignor.)
Elkins, Clifton D., et al. (See Wolfe, Clinton M., assignor.)
Elkins, Rush, Gilbert, W. Va. Lamp burner. 1,444,241; Feb. 6.
Elleby, Siegfriedt P., Warren, Pa. Milk cooler. 1,446,417; Feb. 20.
Elledge, Percy J., Cleveland, Mo. Dirigible headlight. 1,460,540; July 3.
Ellefson, Ellef, Appleton, Wis. Pulp breaker. 1,463,942; Aug. 7.
Ellensohn, Hans, Vienna, Austria. Device for securing the heels of shoes or boots. 1,477,045; Dec. 11.
Ellenwood, Jay W., Pacific Grove, Calif. Grading apparatus. 1,450,145; Mar. 27.
Ellenwood, Jay W., Pacific Grove, Calif. Combined fish grading and cleaning device. 1,450,146; Mar. 27.
Ellery, Robert L. (See Jobst, Conrad, assignor.)
Ellery, Robert L., Toledo, Ohio. Screw-thread gage. 1,467,146; Sept. 4.
Elligan, Earl, Chicago, Ill. Governor for spring motors. 1,473,476; Nov. 6.
Ellingham, Robert W., and C. E. Van Norman, Springfield, Mass., assignors to Van Norman Machine Tool Company. Grinding machine. 1,445,875; Feb. 20.
Ellingsen, Sigurd, North Vancouver, British Columbia, Canada. Jack. 1,475,057; Nov. 20.
Ellingson, Hans, Hamilton, Ohio. Lock nut. 1,452,367; Apr. 17.
Elliott, Alah W., Santa Paula, Calif. Fishing-rod tip and guide for fishing lines. 1,478,643; Dec. 25.
Elliott, Alexander D., Viola, Ill. Necktie holder. 1,466,706; Sept. 4.
Elliott, Alexander T., Los Angeles, Calif. Extraction of metals from ores. 1,471,514; Oct. 23.
Elliott, Allen C., Russell, Minn. Tire-rim tool. 1,443,015; Jan. 23.
Elliott, Alvin C., Grand Forks, N. Dak. Level. 1,468,688; Sept. 25.
Elliott, Ambrose E. (See McCallen, Walter F., assignor.)
Elliott, Arthur M., Oakland, Calif. Tire tread. Des. 62,519; June 12.
Elliott, Artimus E., Los Angeles, Calif. Collapsible saw clamp. 1,448,483; Mar. 13.
Elliott, Auren C., Los Angeles, Calif. Emergency brake. 1,455,576; May 15.
Elliott, Basil W., assignor to The Trafolite Manufacturing Company, Cleveland, Ohio. Automobile signal light. 1,466,874; Sept. 4.
Elliott, Charles A. (See Hicks, J. N., Elliott, and Dunbar.)
Elliott, Chas. H., Company. (See Robertson, Walter S., assignor.)
Elliott Company. (See Ehrhart, Raymond N., assignor.)
Elliott Company. (See McDermet, John R., assignor.)
Elliott, Elias L., New York, N. Y. Lens for vehicle lamps. 1,475,806; Nov. 27.
Elliott, Elmer S., Wichita, Kans. Egg-turning means for incubators. 1,444,783; Feb. 13.
Elliott-Fisher Company. (See Foothorap, Harry A., assignor.)
Elliott-Fisher Company, The. (See Richter, Emanuel, assignor.)
Elliott, Frank B., Belle Plaine, Kans. Rail joint. 1,463,618; July 31.
Elliott, George R., Detroit, Mich. Sectional concrete block. 1,444,784; Feb. 13.
Elliott, Harold F. (See Pratt, H., Elliott, and Murphy.)
Elliott, Harold F., Palo Alto, assignor to A. Taylor, San Francisco, Calif. Radiotelegraphy signaling system. 1,454,629; May 8.
Elliott, Harold F., Palo Alto, assignor to A. Taylor, San Francisco, Calif. Radiotelegraphy. 1,454,630; May 8.
Elliott, Harold F., Palo Alto, assignor to A. Taylor, San Francisco, Calif. Radiotelegraphy signaling system. 1,473,220; Nov. 6.
Elliott, Harriet A., executrix. (See Elliott, Sterling.)
Elliott, Harry C., Towanda, Kans. Windshield light shade for automobiles. 1,472,904; Nov. 6.
Elliott, Harry D., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Bobbin-winding machine. 1,444,372; Feb. 6.
Elliott, Henry D. (See Simons, J. T., Elliott, and Stoney.)
Elliott, Henry D., Tabor, N. C. Transplanting device. 1,452,110; Apr. 17.
Elliott, Henry D., Tabor, N. C. Transplanting device. 1,456,921; May 29.
Elliott, Irwin, New York, N. Y. Continuous baking oven. 1,567,310; Sept. 11.
Elliott, James F., Kellerman, Ala. Drawing implement. 1,449,271; Mar. 20.
Elliott, James F., Searles, assignor of forty-five per cent to M. E. Morris, Birmingham, Ala. Voting machine. 1,474,414; Nov. 20.
Ellliott, James P., deceased, Chicago, Ill.; M. B. Elliott, executrix. Material for phonograph-record blanks and making the same. 1,450,739; Apr. 3.
Elliott, James P., deceased, Chicago, Ill.; M. B. Elliott, executrix. Making waterproof and acidproof receptacles. 1,467,311; Sept. 11.
Elliott, James W., New York, N. Y. Finger ring, badge, button, or article of similar nature. Des. 61,870; Feb. 6.
Elliott, John O., Fargo, N. Dak. Check book. 1,477,330; Dec. 11.
Elliott, Lewis B., Colorado, Tex. Die. 1,474,897; Nov. 20.
Elliott, Lloyd L., et al. (See Hughes, Cora E., assignor.)
Elliott, Mark. (See Feely, Thomas J., assignor.)
Elliott, Mary B., executrix. (See Elliott, James P.)
Elliott, Patrick J., and E. L. Bonamy, Newcastle, Wash. Mine-car coupler. 1,469,434; Oct. 2.
Elliott, Philip M. (See Razey, Silas C., assignor.)

Elliott, Richard P., Lexington, Mass. Centering device. 1,448,528; Mar. 13.
Elliott, Roy D., Crockett, Calif. Sugar refining and manufacturing. 1,476,242; Dec. 4.
Elliott, Sterling, deceased, Cambridge, Mass.; H. A. Elliott, executrix. Stencil making. 1,461,867; July 17.
Elliott, Thomas, assignor to The Cincinnati Car Company, Cincinnati, Ohio. Railway brake head. 1,456,632; May 29.
Elliott, Thomas, assignor to The Cincinnati Car Company, Cincinnati, Ohio. Vehicle body. 1,473,023; Nov. 6.
Elliott, Thomas, assignor to The Cincinnati Car Company, Cincinnati, Ohio. Railway car. 1,473,024; Nov. 6.
Elliott, Thomas, Cincinnati, assignor to The Cincinnati Car Company, Winton Place, Ohio. Railway car. 1,476,960; Dec. 11.
Elliott, William E., Lynn, Mass. Box. 1,468,229; Sept. 18.
Elliott, William E., Grand Rapids, Mich., assignor to American Button & Fastener Co., Augusta, Me. Feeding apparatus. 1,442,866; Jan. 23.
Elliott, William S., Pittsburgh, Pa. Water heating and degasifying apparatus. 1,457,153; May 29.
Elliott, Wordsworth M., Crete, and S. E. Cook, Lincoln, Nebr. Interchangeable sign letters. 1,459,765; June 26.
Ellis Adding Typewriter Company. (See Bernau, Frederick W., assignor.)
Ellis, Carleton, Montclair, N. J. Lard substitute. 1,446,004; Feb. 20.
Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Cumaron paint. 1,451,092; Apr. 10.
Ellis, Carleton, Montclair, N. J. Making nickel formate. 1,452,478; Apr. 17.
Ellis, Carleton, Montclair, N. J. Making fatty acid compounds. 1,475,477; Nov. 27.
Ellis, Carleton, Montclair, N. J. Adding hydrogen. 1,476,330; Dec. 4.
Ellis, Carleton, Montclair, N. J. Artificial resin and preparation. 1,477,870; Dec. 18.
Ellis, Carleton, Montclair, N. J., assignor, by mesne assignments, to S. B. Hunt, trustee, Mount Kisco, N. Y. Utilizing gaseous unsaturated hydrocarbons. 1,464,152; Aug. 7.
Ellis, Carleton, Montclair, N. J., assignor, by mesne assignments, to S. B. Hunt, trustee, Mount Kisco, N. Y. Making useful products from by-product still gases and gases from cracking operations. 1,464,153; Aug. 7.
Ellis, Carleton, Montclair, N. J., assignor, by mesne assignments, to Surface Combustion, Inc., Wilmington, Del. Apparatus for supplying heat. 1,469,178; Sept. 25.
Ellis, Carleton, and A. A. Wells, Montclair, N. J., assignors, by mesne assignments, to S. B. Hunt, trustee, Mount Kisco, N. Y. Making chlorinated bodies. 1,440,976; Jan. 2.
Ellis, Carleton, and A. A. Wells, Montclair, N. J., assignors, by mesne assignments, to S. B. Hunt, trustee, Mount Kisco, N. Y. Ketone body and making same. 1,450,493; Apr. 3.
Ellis, Carleton, and V. T. Stewart, Montclair, N. J. Making arsenicals. 1,447,203; Mar. 6.
Ellis, Carleton, and V. T. Stewart, Montclair, N. J. Making hydrochloric and arsenic acids. 1,447,937; Mar. 6.
Ellis, Carleton, and V. T. Stewart, Montclair, N. J. Making arsenate of lime. 1,447,938; Mar. 6.
Ellis, Charles E., Washington, D. C., assignor of one-tenth to H. Ridder, New York, N. Y. Address plate and index card. 1,472,057; Oct. 30.
Ellis, Charles S., Chicago, Ill. Elapsed-time recorder. 1,458,689; June 12.
Ellis Drier & Elevator Company. (See Ellis, Hubert C., assignor.)
Ellis, Ernest L., Fulton, N. Y. Rail joint. 1,472,157; Oct. 30.
Ellis, Ferrand F., assignor to Oneida Community, Limited, Oneida, N. Y. Animal trap. 1,443,705; Jan. 30.
Ellis-Foster Company. (See Darling, Elton R., assignor.)
Ellis-Foster Company. (See Ellis, Carleton, assignor.)
Ellis, Frederic R., Hyde Park, assignor to B. F. Sturtevant Company, Boston, Mass. Apparatus for cooling air. 1,471,112; Oct. 16.
Ellis, George H., St. Paul, Minn. Insulating board and making the same. 1,449,221; Mar. 20.
Ellis, Halcolm, East Orange, N. J. Typewriter. 1,446,338; Feb. 20.
Ellis, Harry E., Leesburg, Fla. Pulp-making machine. 1,465,579; Aug. 21.
Ellis, Horace R., Meadville, Pa. Window screen. 1,442,657; Jan. 16.
Ellis, Howard, P. S. Hart, and W. G. Nunnelly, New Florence, Mo. Electrolyte for storage batteries. 1,459,659; June 19.
Ellis, Hubert C., Evanston, assignor to Ellis Drier & Elevator Company, Chicago, Ill. Condensation trap. 1,460,410; July 3.
Ellis, Hubert C., Evanston, assignor to Ellis Drier & Elevator Company, Chicago, Ill. Tilting trap. 1,460,411; July 3.
Ellis, James G., St. Lambert, and G. W. Mingie, Montreal, Quebec, Canada. Fire grate for locomotives. 1,459,288; June 19.
Ellis, James R., Chevy Chase, D. C. Refrigerated container. 1,441,672; Jan. 9.
Ellis, John W., Portland, Oreg. Irrigation valve. 1,473,401; Nov. 6.
Ellis, Julius D., Fulton, N. Y. Nut lock. 1,454,712; May 8.
Ellis, Llewellyn M., Ward End, Birmingham, England, assignor to The Timken Roller Bearing Company, Canton, Ohio. Apparatus for gauging rollers and other articles. 1,472,589; Oct. 30.
Ellis Resilient-Wheel Corporation. (See Patch, Harry M., assignor.)
Ellis, Ridsdale, Oak Park, Ill. Ice manufacture. 1,460,646; July 3.
Ellis, Robert E., Everett, Wash. Steel ship-hull construction. 1,467,426; Sept. 11.
Ellis, Robert H., and F. Simper, Fremantle, Western Australia, Australia. Packing case. 1,453,094; Apr. 24.
Ellis, Robert J., Los Angeles, Calif. Vehicle direction indicator. 1,475,807; Nov. 27.
Ellis, Thomas, and O. H. Zerrmann, Detroit, Mich. Crude-oil burner. 1,441,915; Jan. 9.
Ellis, Thomas C., A. Jeffery, and H. Maddocks, Peterborough, England. Seed-sowing machine. 1,461,770; July 17.
Ellis, Thomas E., Portland, Oreg. Saw. 1,443,252; Jan. 23.
Ellis, Thomas F., Mattston, Miss. Jack. 1,443,913; Jan. 30.
Ellis, Wallace, assignor of one-half to W. Ray, Beloit, Wis. Nail-Pulling Machine. 1,461,712; July 10.
Ellis, Warren E., assignor of one-half to R. Traylor, Lebo, Kans. Deep-well pump. 1,476,444; Dec. 4.
Ellis, William H. (See Koenig, J., and Ellis.)
Ellison, B D Lenhart, Atlanta, Ga., assignor to Draper Corporation, Hopedale, Mass. Warp stop mechanism for looms. 1,478,210; Dec. 18.
Ellison, Charles F., Cristobal, Panama, Canal Zone, and E. F. Beyer, New Orleans, La. Boat-launching device. 1,475,290; Nov. 27.
Ellison, Earl J., Maywood, Ill., assignor, by mesne assignments, to The XXth Century Heating & Ventilating Co., Akron, Ohio. Air heater. 1,440,867; Jan. 2.
Ellison, Edward H., Jamestown, N. Y. Metallic frame for windows, doors, etc. 1,451,012; Apr. 10.
Ellison, Edward H., assignor to Monarch Refillable Fuse Co., Jamestown, N. Y. Fusible link. 1,446,554; Feb. 27.
Ellison, Edward H., assignor to Monarch Refillable Fuse Co., Jamestown, N. Y. Knife-blade fuse. 1,463,038; July 24.
Ellison, Edward H., assignor to Monarch Refillable Fuse Co., Jamestown, N. Y. Cartridge fuse. 1,478,109; Dec. 18.
Ellison, Forrest L., Exeter, N. H. Turned shoe. 1,469,256; Oct. 2.
Ellison, Mary B., Eugene, Oreg. Pressing and utilizing plant elements for decorative purposes. 1,446,790; Feb. 27.
Ellison, Michael C., Huttons, England. Telephone amplifier system. 1,470,430; Oct. 9.
Ellison, Robert A., Cincinnati, Ohio. Game. 1,441,333; Jan. 9.
Ellison, Thomas J., Richmond, Ky. Animal trap. 1,453,342; May 1.
Ellison, William A., assignor to D. F. Murphy, Salem, Mass. Inside pipe wrench. 1,472,464; Oct. 30.
Ellison, William A., assignor to D. F. Murphy, Salem, Mass. Strap wrench. 1,478,110; Dec. 18.
Ellison, Winnifred F., Manchester, N. H. Wood-cutting saw. 1,443,914; Jan. 30.
Ellithorpe, Gilbert S., Chicago, Ill., assignor to The Bac-Lite Corporation. Tail light. 1,454,631; May 8.
Ellrich, Max, Jersey City, N. J., assignor, by mesne assignments, to M. Christensen, Brooklyn, N. Y. Conveyer. 1,455,433; May 15.
Ellrich, Max, Jersey City, N. J., assignor, by mesne assignments, to M. Christensen, Brooklyn, N. Y. Fastening of trays to conveyers. 1,455,434; May 15.
Ells, Mae W., Adrian, Minn. Corset-stay brace and abdomen support. 1,447,537; Mar. 6.
Ellsworth, Ross J., Elizabeth, N. J. Mattress-wrapping machine. 1,445,876; Feb. 20.
Ellwood Tractor Company. (See Gaubatz, Arthur W., assignor.)
Ellwood, William, Hempstead, assignor to Nicholas Power Company, Inc., New York, N. Y. Automatic fire shutter for moving-picture machines. 1,457,510; June 5.
Elmac Specialties Corporation. (See Lalonde, Oscar V., assignor.)
Elmblad, Hjalmar, Chicago, Ill. Writing machine. 1,474,247; Nov. 13.
Elmen, Gustaf W., Leonia, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Transmission system. 1,470,965; Oct. 16.
Elmendorf, Armin, Chicago, Ill., assignor to Haskelite Manufacturing Corporation. Joint for metal-sheathed receptacles and the like. 1,442,930; Jan. 23.
Elmenthaler, William, Cleveland, Ohio. Paring and pitting knife. 1,446,739; Feb. 27.

Elmer, James E., Prescott, Ariz. Pencil holder. 1,464,066; Aug. 7.
Elmer Ordnance Corporation. (See Bergman, Axel G., assignor.)
Elmertoski, Antoni, Brooklyn, N. Y. Hand bag. 1,441,269; Jan. 9.
Elmlinger, Sylvester. (See Nickley, J. C., and Elmlinger.)
Elmore, Frank E., Boxmoor, England. Treatment of lead-zinc ore. 1,441,072; Jan. 2.
Elmore, Clement. (See Sikes, J. M., and Elmore.)
Elmore, Guy H. (See Rigler, Richard W., assignor.)
Elmore, Richard E., New York, N. Y. Locking system for automobiles. 1,451,209; Apr. 10.
Elms, John D., West New Brighton, N. Y., assignor to Widescope Camera Co., Newark, N. J. Lens-focusing device. 1,447,173; Mar. 6.
Elowsky, Samuel M. (See Yurow, Andrew, assignor.)
Elrod, Henry E., Dallas, Tex. Incinerator. 1,452,031; Apr. 17.
Elsas, Edward J., Scott City, Kans. Holder for artificial sets of teeth. 1,473,673; Nov. 13.
Elsasser, Henry W., New York, N. Y., assignor to American Telephone and Telegraph Company. Wave filter. 1,467,360; Sept. 11.
Elsbach, Felix, et al. (See Wagner, Albert G., assignor.)
Elsner, Wilhelm, Hanover, Germany. Purification of methyl alcohol containing sulphurous impurities. 1,450,147; Mar. 27.
Elsom, James D., Oak Park, assignor to Economy Electric Devices Company, Chicago, Ill. Inspection indicator. 1,467,716; Sept. 11.
Elstein, Mordechai A., Kansas City, Mo. Syringe. 1,467,242; Sept. 4.
Elsworth, Oswald, Newcastle-upon-Tyne, England. Means for stripping the husks from coconuts. 1,468,011; Sept. 18.
Elton, James O., and R. B. Caples, Great Falls, Mont., assignors to Anaconda Copper Mining Company. Hydrometallurgical treatment of zinc ore. 1,477,478; Dec. 11.
Elverson, Arthur J. H., Reading, assignor to Herbert Kennedy & Company Limited, London, England. Stroboscopic apparatus. 1,454,713; May 8.
Elwell, Franklin H., Chicago, Ill. Oil cup. 1,455,086; May 15.
Elwell, Franklin H., Chicago, Ill. Oil cup. 1,455,087; May 15.
Elwell, Franklin H., Chicago, Ill. Spark-plug cleaner. 1,458,690; June 12.
Elwell, Franklin H., Chicago, Ill. Spark-plug cleaner. 1,458,691; June 12.
Elwell, George H., Cleveland, Ohio. Stud and eyelet fastening device. 1,444,867; Feb. 13.
Elwood Myers Company, The. (See McGregor, Ross, assignor.)
Ely, Alonzo B., assignor to Corona Typewriter Company, Inc., Groton, N. Y. Cushioning device. 1,477,331; Dec. 11.
Ely, Grosvenor. (See Brown, G. S., and Carpenter, assignors.)
Ely, Price W., Jonesville, Va. Shovel. 1,447,298; Mar. 6.
Elyria Enameled Products Company, The. (See Donauer, Max, assignor.)
Elyria Iron & Steel Company, The. (See Tilden, Charles S., assignor.)
Elzemeyer, Ernst H., and P. S. Knittel, St. Louis, Mo. Apparatus for producing, separating, and feeding powdered coal. 1,449,169; Mar. 20.
Elzey, Edgar P., Parkersburg, W. Va. Antiskid chain. 1,445,305; Feb. 13.
Elzey, Edgar P., Parkersburg, W. Va. Elevating truck or cradle for motor vehicles. 1,477,332; Dec. 11.
Elzy, Thomas E., St. Louis, Mo. Locksmith's vise. 1,475,058; Nov. 20.
Emary, Wess, Osceola, Iowa. Tire-chain tightener. 1,446,791; Feb. 27.
Embach, John A., Detroit, Mich. Gas engine. 1,475,005; Nov. 20.
Emerson, Alfred W., Millbridge, Me. Window lock. 1,478,871; Dec. 25.
Emerson Brantingham Company. (See Brown, C. H., and Hinds, assignors.)
Emerson-Brantingham Company. (See Davis, Calvin R., assignor.)
Emerson-Brantingham Company. (See Traphagen, Harry R., assignor.)
Emerson-Brantingham Company. (See Waterman, Lewis E., assignor.)
Emerson-Brantingham Company. (See Waterman, L. E., Traphagen, and Waterman, assignors.)
Emerson, Joseph W., Salida, Colo. Hardened water-repellent gypsum plaster and producing the same. 1,470,260; Oct. 9.
Emerson Phonograph Company, Inc. (See Emerson, Victor H., assignor.)
Emerson Pump and Valve Company. (See Richardson, Wilbur S., assignor.)
Emerson, Truell F., Somerville, assignor, by mesne assignments, to Walter M. Lowney Company, Boston, Mass. Counter display container. 1,462,502; July 24.
Emerson, Victor H., New York, N. Y. Protector for phonograph records. 1,468,879; Sept. 25.
Emerson, Victor H., New York, N. Y., assignor, by mesne assignments, to Metal Recording Disc Company, Inc. Record for talking machines and making the same. 1,444,960; Feb. 13.
Emerson, Victor H., New York, N. Y., assignor, by mesne assignments, to Metal Recording Disc Company, Inc. Producing phonograph records. 1,452,872; Apr. 24.
Emerson, Victor H., assignor to Emerson Phonograph Company, Inc., New York, N. Y. Laminated phonograph record and producing same. 1,469,781; Oct. 9.
Emerson, Victor I., Philadelphia, Pa. Tool for power-operated riveting devices or hammers. 1,474,025; Nov. 13.
Emerson, Victor L., Philadelphia, Pa. Sterilizing apparatus. 1,440,868; Jan. 2.
Emery, Erastus, Pittsburgh, Pa. Brake-shoe key. 1,451,332; Apr. 10.
Emery, Erastus, Pittsburgh, Pa. Brake-shoe key. 1,465,975; Aug. 28.
Emery, Frank A. (See Adams, A. A., and Emery.)
Emery, Frank B., Petersburg, Va. Baggage receptacle. 1,460,016; June 26.
Emery, Frank M., Kennebunk, assignor to Gove Motor Company, Biddeford, Me. Internal-combustion engine. 1,471,783; Oct. 23.
Emery, Gustav H., Washington, D. C., assignor to Pablo Broquier, Madrid, Spain. Refrigerating apparatus. 1,468,999; Sept. 25.
Emery, James H., Inwood Park, N. Y. Artificial fruit and producing same. Re15,641; July 3.
Emery, Julius L., Altoona, Pa. Nutcracker. Des. 61,801; Jan. 16.
Emery, Sidney S., Denver, Colo. Lubrication record. 1,460,576; July 3.
Emery, Victor J., Wollaston, Mass. Grinding machine. 1,458,528; June 12.
Emery, Victor J., Wollaston, Mass. Piston ring. 1,477,550; Dec. 18.
Emery, Wilber, Monroe County, Mich., assignor to Toledo Scale Company, Toledo, Ohio. Pendulum mechanism. 1,454,047; May 8.
Emett, Arthur, Birmingham, England. Sound-damping mechanism. 1,469,141; Sept. 25.
Emick, Charles C., Lancaster, Pa. Jar closure. 1,460,017; June 26.
Emmelin, Alfred, New York, N. Y. Pneumatic cannon. 1,477,698; Dec. 18.
Emmerich, Edward E., Chicago, Ill. Pillow. 1,447,288; Mar. 6.
Emmert, Samuel B., Yonkers, N. Y., assignor, by mesne assignments, to Nashua Gummed & Coated Paper Company, Nashua, N. H. Strip-serving machine. 1,442,058; Jan. 16.
Emmet, William L. R., Schenectady, N. Y., assignor to General Electric Company. Elastic-fluid turbine. 1,471,317; Oct. 16.
Emmich, George L. E., Cincinnati, Ohio, assignor to A. Davis, jr., Covington, Ky. Tank-wagon emergency-valve mechanism. 1,467,717; Sept. 11.
Emmons, Harold H. (See Litle, Thomas J., jr., assignor.)
Emmons, Harold H. (See Sweet, Ernest E., assignor.)
Emmons, Harry H., Alliance, Ohio. Spray nozzle. 1,447,015; Feb. 27.
Emmons, Harry H., Alliance, Ohio. Valve. 1,452,962; Apr. 24.
Emmons, Herbert I., Lawrence, Mass. Loom picker. 1,442,388; Jan. 16.
Emmons, Herbert I., Lawrence, Mass. Shuttle-check means for looms. 1,472,296; Oct. 30.
Emond, Joseph E., Windsor Mills, Quebec, Canada. Adjustable headlight and direction indicator for automobiles. 1,465,164; Aug. 14.
Emond, Robert A. (See Hockaday, John K., assignor.)
Emond, William H., assignor to H. H. Franklin Mfg. Company, Syracuse, N. Y. Body and seat arrangement for motor vehicles. 1,465,729; Aug. 21.
Emonts, Joseph, O'Fallon, Mo. Veterinary instrument. 1,476,500; Dec. 4.
Empire Biscuit Co. (See Eagle, Frederick, assignor.)
Empire Notion Company. (See Hawes, Arthur L., assignor.)
Empire Stamping Tool & Manufacturing Company. (See Becherer, George, jr., assignor.)
Empire Tinware Company, The. (See Schilling, Barney, assignor.)
Emry, Clyde L., St. Paul, Minn. Rim tool. 1,445,825; Feb. 20.
Emslie, David W., Cleveland, Ohio. Doorstop. 1,473,926; Nov. 13.
Enache, Cociu, Dallas, Tex. Railway safety gate. 1,473,905; Nov. 13.
Endean, John W., Frankfort, N. Y. Aeroplane. 1,443,982; Feb. 6.
Enderby, George H., Penzance, England. Internal-combustion engine. 1,447,127; Feb. 27.
Enderes, Ernst, Albert Lea, Minn. Drop hammer. 1,445,578; Feb. 13.
Enders, John, San Bernardino, Calif. Quartz mill. 1,441,147; Jan. 2.
Endrea, Edward S. A., Chicago, Ill., assignor to Waterproofing, Incorporated, Indianapolis, Ind. Combined shoe and arch support. 1,477,750; Dec. 18.

Alphabetical list of patentees—Continued.

Endres, Lawrence M. and M. A., Dane, Wis. Splash lubricating system. 1,468,778; Sept. 25.
Endres, Michael A. (See Endres, Lawrence M. and M. A.)
Endslow, Caddie, administratrix. (See Endslow, Edmund B.)
Endslow, Edmund B., deceased, by C. Endslow, administratrix, Gahanna, Ohio, assignor of one-third to H. M. Miller, Washington, D. C. Grain-scouring machine. 1,449,895; Mar. 27.
Endter, Walter J., assignor to The Buffalo-Springfield Roller Company, Springfield, Ohio. Scarifier. 1,473,221; Nov. 6.
Enfield Cycle Company Limited, The. (See Smith, Robert W., assignor.)
Enfield, William H., Osage, Iowa. Automatic gate for railway crossings. 1,450,797; Apr. 3.
Engau, Henry, New York, N. Y. Stamping press. 1,444,373; Feb. 6.
Engebrigtson, James H. (See Garritt, W. A., and Engebrigtson.)
Engel, Frank, assignor to U. S. Light & Heat Corporation, Niagara Falls, N. Y. Ventilator. 1,451,538; Apr. 10.
Engel, Godfrey, sr., Brooklyn, assignor to Buffalo Foundry & Machine Co., Buffalo, N. Y. Filter. 1,453,310; May 1.
Engel, Godfrey, sr., Brooklyn, assignor to Buffalo Foundry & Machine Co., Buffalo, N. Y. Rotary filter. 1,453,311; May 1.
Engel, Godfrey, sr., Brooklyn, assignor to Buffalo Foundry & Machine Co., Buffalo, N. Y. Rotary drier. 1,453,312; May 1.
Engel, Godfrey, sr., Brooklyn, assignor to Buffalo Foundry & Machine Co., Buffalo, N. Y. Dealcoholizing process and apparatus. 1,453,313; May 1.
Engel, Godfrey, sr., Brooklyn, assignor to Buffalo Foundry & Machine Co., Buffalo, N. Y. Concentrating evaporator. 1,466,357; Aug. 28.
Engel, Godfrey, sr., Brooklyn, assignor to Buffalo Foundry & Machine Co., Buffalo, N. Y. Vacuum pan. 1,476,331; Dec. 4.
Engel, Karl, Arlington, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Molding apparatus. 1,464,501; Aug. 14.
Engel, Wilhelm, Nied, near Frankfort-on-the-Main, Germany. Seal lock. 1,447,939; Mar. 6.
Engel, William C., Ashland, Pa. Automobile spring regulator. 1,477,433; Dec. 11.
Engelbrecht, Emil P., Chicago, Ill. Slate brick. 1,462,596; July 24.
Engelhard, Frank, deceased, F. H. Engelhard, and W. A. Engelhard, Springfield, Mass.; said F. H. Engelhard and W. A. Engelhard, executors. Hot-water boiler. 1,471,784; Oct. 23.
Engelhard, Frederick H. (See Engelhard, Frank, F. H., and W. A.)
Engelhard, William A. (See Engelhard, Frank, F. H., and W. A.)
Engelhardt, Rudolf, Leverkusen, near Cologne, W. Lommel, Wiesdorf, near Cologne, and A. Ossenbeck, Cologne-on-the-Rhine, assignors to Farbenfabriken vorm. Friedr. Bayer and Co., Leverkusen, near Cologne, Germany. Absorbing ethylene and its homologues. 1,458,646; June 12.
Engelhardt, William A., Oakley, Kans. Draft connection for tractors. 1,467,573; Sept. 11.
Engelke, Barnard L., et al. (See Amberg, Walter E., assignor.)
Enger, Elmer, Peno, S. Dak. Hayrack-sill adjuster. 1,466,822; Sept. 4.
Enger, Neil C. (See Gaarder, L. G., and Enger.)
Engert, George J., Spokane, Wash. Hollow concrete wall. 1,467,241; Sept. 4.
Engeset, Lars, Seattle, Wash. Roof-plate form. 1,461,182; July 10.
Engineering Specialties Company. (See Cantrall, Forrest L., assignor.)
England, Isaac W., assignor to Passaic Metal Ware Co., Passaic, N. J. Continuous baking oven. 1,450,027; Mar. 27.
England, Isaac W., assignor to Passaic Metal Ware Co., Passaic, N. J. Conveyer. 1,463,011; July 24.
England, James M., Dallas, Tex. Store display room. 1,455,114; May 15.
England, Lee R., et al. (See Brown, London, assignor.)
England, William A. (See Hauge, O., and England.)
England, William A., San Francisco, Calif. Barrel structure. 1,449,091; Mar. 20.
Englander, Benjamin B., assignor to The Englander Spring Bed Company, Brooklyn, N. Y. Hammock. 1,469,782; Oct. 9.
Englander, Benjamin B., assignor to Englander Spring Bed Company, Brooklyn, N. Y. Couch hammock. Des. 62,223; Nov. 6.
Englander Spring Bed Company. (See Englander, Benjamin B., assignor.)
Engle, Bernhard, New York, and A. Tweel, Brooklyn, N. Y. Penwiper. 1,442,867; Jan. 23.
Engle, Edgar S., Greensburg, Pa. Clutch-pedal attachment. 1,461,771; July 17.
Engle, Ira P., Ydalpon, Calif. Antiskid chain. 1,475,478; Nov. 27.
Engle, Paul, et al. (See Webb, Benjamin F., assignor.)
Engle, Prise A., Carlos, Ind. Display holder. 1,447,771; Mar. 6.
Engle, Warren G., Philadelphia, Pa. Luggage carrier and rear bumper. 1,468,779; Sept. 25.
Engler, Richard A., Evanston, Ill. Telephone transmitter. 1,443,620; Jan. 30.
Engler, William B., Youngstown, Ohio. Dump-body hoist. 1,453,663; May 1.
Engler, William B., assignor to The Crown Cork and Seal Company of Baltimore City, Baltimore, Md. Packaging machine. 1,456,542; May 29.
Englert, Charles A. (See Englert, George F., assignor.)
Englert, George F., assignor of one-half to C. A. Englert, Pittsburgh, Pa. Tire. Des. 62,902; Aug. 21.
Englerth, Anton F., Chicago, Ill. Sanitary toothpick receptacle. 1,476,063; Dec. 4.
English, Analdo M., Brookline, assignor to Cummings Machine Works, Boston, Mass. Sewing-machine attachment for spiral stitching. 1,463,116; July 24.
English, Arthur, Kankakee, Ill. Container for coloring-agent capsules. 1,474,248; Nov. 13.
English, Charles B., jr., Paulsboro, N. J. Lawn-mower cutter. 1,441,073; Jan. 2.
English, Fred S., New London, Conn. Slider controller for presses. 1,466,122; Aug. 28.
English, Ira T., Portland, Oreg. Bag closer. 1,475,759; Nov. 27.
English & Mersick Co., The. (See Bradley, Seymour M., assignor.)
English & Mersick Co., The. (See Kaimer, Richard V., assignor.)
English, William H., assignor to E. L. Miller, Pawtucket, R. I. Sinker for knitting machines. 1,475,176; Nov. 27.
Englund, Gustaf A., assignor to The Jacobs Manufacturing Company, Hartford, Conn. Door stop and holder. 1,467,782; Sept. 11.
Englund, Knut E., Brooklyn, assignor to R. H. Gay, New York, N. Y. Adjustable band. 1,472,966; Nov. 6.
Engman, Arthur J., Canton, Ohio. Metal door. 1,477,213; Dec. 11.
Engman, Arthur J., Canton, Ohio. Metal door. 1,477,214; Dec. 11.
Engmark, Algott H., Crawfordsville, Ind. Foot rest. 1,462,597; July 24.
Engnell, Axel, Chicago, Ill. Sound box. 1,468,144; Sept. 18.
Engstrand, John C., Chicago, Ill. Piston pin. 1,453,095; Apr. 24.
Engstrom, Gustaf W. (See Johnston, E. A., and Engstrom.)
Engstrom, Ivan, assignor to Acme Appliance Company, Chicago, Ill. Combined adding, listing, and check-writing machine. 1,442,059; Jan. 16.
Enis, Joseph, Jersey City, N. J., assignor to Bigelow-Hartford Carpet Company. Rug. Des. 63,288; Nov. 20.
Enkler, George, Brooklyn, N. Y. Ventilator. 1,472,967; Nov. 6.
Ennis, Andrew C., Mount Olive, N. C. Device for eliminating valve noises from overhead valve motors. 1,448,687; Mar. 13.
Ennis, Maddalena H., Ansonia, Conn. Sewing-machine cabinet and seat. 1,462,271; July 17.
Eno, J. C., Limited. (See Jaggers, William J., assignor.)
Enoch, Walter, Worcester, Mass. Rubber heel. 1,476,288; Dec. 4.
Enos, Frank, jr. (See Walker, H. H., and Enos.)
Enright, Cornelius S., Cle Elum, Wash. Dispensing machine. 1,477,434; Dec. 11.
Enright, Edward T., Jersey City, N. J., assignor to P. Lorillard Company, New York, N. Y. Bag-opening machine. 1,459,880; June 26.
Enright, John W., New Orleans, La. Stationary chemical-mixing fire-extinguisher system. 1,463,072; July 24.
Ensign, Emory S., Evanston, Ill. Antitheft plate for automobiles. 1,475,691; Nov. 27.
Ensign, Emory S., Rockford, assignor to Spengler Loomis Manufacturing Co., Chicago, Ill. Blade grinder. 1,444,374; Feb. 6.
Ensign, Orville H. (See Ensign, Roy F. and O. H.)
Ensign, Roy F., Pasadena, Calif. Fuel cleaner. 1,477,947; Dec. 18.
Ensign, Roy F. and O. H., Pasadena, Calif. Vortex-type updraft carburetor. 1,477,946; Dec. 18.
Ensign, William S., New Rochelle, assignor to Tiffin Products, Inc., Long Island City, N. Y. Plate or similar article. Des. 62,273; May 1.
Enslin, Herbert E., Malden, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lacing machine. 1,446,167; Feb. 20.
Enstad, Nellie A., Harrold, S. Dak. Sled. 1,444,114; Feb. 6.
Ensten, Louis H., Cleveland, Ohio. Headwear. 1,471,724; Oct. 23.
Enterprise Brass & Plating Company, The. (See Haefner, William C. F., assignor.)
Enterprise Foundry Company. (See Lougheed, Victor, assignor.)
Enterprise Manufacturing Company, The. (See Adams, Walter L., assignor.)
Enterprise Manufacturing Company, The. (See Case, Francis M., assignor.)

Enterprise Portable Oven Co. (See Pawlick, Ignatz H., assignor.)
Enterprise Railway Equipment Company. (See Campbell, Argyle, assignor.)
Enterprise Railway Equipment Company. (See Campbell, A., and Zimmer, assignors.)
Entriken, Emmett W., assignor of eighteen per cent to E. Madieux, Seattle, Wash. Work-measuring attachment for sewing machines. 1,468,145; Sept. 18.
Entrikin, Arthur R. and L. P., Ocean Park, Calif. Beach cape. 1,467,718; Sept. 11.
Entrikin, Lucile P. (See Entrikin, Arthur R. and L. P.)
Entwisle, Edward F., and F. E. Howells, Steelton, assignors to Bethlehem Steel Company, Bethlehem, Pa. Apparatus for treating steel rails. 1,449,272; Mar. 20.
Entwisle, Edward F., F. E. Howells, and L. L. Leach, Steelton, assignors to Bethlehem Steel Company, Bethlehem, Pa. Apparatus for handling and treating rails. 1,471,250; Oct. 16.
Entwisle and Kenyon Limited. (See Shorrock, James L., assignor.)
Entwistle, S. C., Company. (See Kenney, F. B., and Sidebottom, assignors.)
Epling, Giles T., Welch, W. Va. Mouth adjuster. 1,471,839; Oct. 23.
Eppel, Vincent F. (See Carris, E. C., and Eppel.)
Eppenstein, Irving B., assignor to Illinois Watch Case Company, Elgin, Ill. Compact container. 1,464,355; Aug. 7.
Eppenstein, Otto, assignor to Firm of Carl Zeiss, Jena, Germany. Stereoscopic telemeter. 1,450,915; Apr. 10.
Eppenstein, Otto, assignor to the Firm of Carl Zeiss, Jena, Germany. Telemeter. 1,477,112; Dec. 11.
Eppler, Andrew, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Forepart-turning machine. 1,448,111; Mar. 13.
Eppler, Andrew, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Rolling machine. 1,472,058; Oct. 30.
Eppler, John, Philadelphia, Pa. Machine for making paper cones. 1,460,750; July 3.
Eppley, Ervin W., Elyria, Ohio. Nonblinding lamp for headlights on vehicles. 1,441,074; Jan. 2.
Epps, A. L. (See Crisp, Joseph R., assignor.)
Epstein, Eli, Dorchester, Mass., assignor to L. M. Starr, New York, N. Y. Impact-producing implement. 1,450,435; Apr. 3.
Epstein, Eli, assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Cylinder lock. 1,455,577; May 15.
Epstein, Herman, New York, N. Y. Clamp for producing mottled skein dyeing. 1,461,822; July 17.
Epstein, Max, Hoboken, N. J. Combined coin box and advertising card holder. 1,450,028; Mar. 27.
Epstein, Monroe E., St. Louis, Mo. Nonglare headlamp reflector. 1,445,306; Feb. 13.
Equipment Devices Company. (See Hauf, George F., assignor.)
Erasmic Company Limited. (See Baxter, Albert V., assignor.)
Erb, Edmund M., Jersey City, N. J., assignor to Merit Machine Manufacturing Corporation. Hair-drying apparatus. 1,466,093; Aug. 28.
Erb, George G. (See Lake, James, jr., assignor.)
Erb, Irwin H., West Liberty, Iowa. Heating and cooling system for windows, doors, and the like. 1,465,513; Aug. 21.
Erb, Irwin H., Lake Mills, assignor of three-fourths to C. C. Hobson, Ryan, and O. O. Hobson, Vinton, Iowa. Head-topping ensilage harvester. 1,457,827; June 5.
Erb, Irwin H., Lake Mills, assignor of three-fourths to C. C. Hobson, Ryan, and O. O. Hobson, Vinton, Iowa. Juice-extracting ensilage harvester. 1,457,828; June 5.
Erb, Samuel, Tacoma, Wash. Log-carriage-offsetting mechanism. 1,452,149; Apr. 17.
Erb, William B., Chicago, Ill. Compressed-air water-elevating pump. 1,472,968; Nov. 6.
Erben, Hermann F. T., Schenectady, N. Y., assignor to General Electric Company. Rotary converter. 1,446,005; Feb. 20.
Erd, Fredric G. (See Rush, Turner C., assignor.)
Erdahl, Henry. (See Erdahl, Selmer and H.)
Erdahl, Selmer and H., Britton, S. Dak. Bearing. 1,470,966; Oct. 16.
Erdbrügger, Gustav, Bad Oeynhausen, Germany, assignor, by mesne assignments, to A. Weber, New York, N. Y. Suction gas plant. 1,475,291; Nov. 27.
Erdman, Albert W., Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Cutter-grinding attachment. 1,472,827; Nov. 6.
Erdmann, Ernst, Halle-on-the-Salle, Germany. Obtaining paraffin and highly-viscous lubricating oils from bituminous masses. 1,443,983; Feb. 6.
Erdmann, Theodore E., Minneapolis, Minn. Mold for concrete walls. 1,474,667; Nov. 20.
Eremeeff, Ivan I., Dayton, Ohio. Movable hangar for large aircraft. 1,470,557; Oct. 9.
Erfle, Heinrich, assignor to the Firm of Carl Zeiss, Jena, Germany. Ocular. 1,478,704; Dec. 25.
Erhardt, Joseph, Chicago, Ill. Hydraulic lifting jack. 1,453,043; Apr. 24.
Erhardt, Julius, assignor to Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung, Friedrichshafen-on-the-Bodensee, Germany. Airship. 1,474,517; Nov. 20.
Erhardt, Ludwig, assignor of one-half to W. Siedersleben & Co., Bernburg, Germany. Knife control in machines for harvesting sugar beets. 1,457,829; June 5.
Erhardt, Oscar P., West Haven, assignor to The A. C. Gilbert Company, New Haven, Conn. Ventilating attachment for windows and the like. 1,447,772; Mar. 6.
Erhardt, Oscar P., West Haven, assignor to The A. C. Gilbert Company, New Haven, Conn. Motor handle and switch. 1,457,967; June 5.
Erhart, Arthur M., and W. R. McFarland, Seattle, Wash. Brake-adjusting device. 1,449,273; Mar. 20.
Ericksen, Ivar, Chicago, Ill. Duplex tool holder. 1,445,579; Feb. 13.
Erickson, A. C. (See Whittemore, Bennie, assignor.)
Erickson, Albert, Chicago, Ill., assignor to Splitdorf Electrical Company, Newark, N. J. Ignition device for internal-combustion engines. 1,467,269; Sept. 4.
Erickson, Albert, Chicago, Ill., assignor to Splitdorf Electrical Company, Newark, N. J. Ignition device for internal-combustion engines. 1,467,270; Sept. 4.
Erickson, Albert, assignor of three-eighths to C. Kratsch, Chicago, Ill., and three-eighths to F. C. Manning, Newark, N. J. Internal-combustion engine. 1,468,465; Sept. 18.
Erickson, Albert, assignor of three-eighths to C. Kratsch, Chicago, Ill., and three-eighths to F. C. Manning, Newark, N. J. Internal-combustion engine. 1,468,466; Sept. 18.
Erickson, Alfred C., Harbor Springs, Mich. Toy sailboat. 1,449,274; Mar. 20.
Erickson, Alvin L., Waterfall, Alaska. Toy. 1,475,059; Nov. 20.
Erickson, Amos, Keota, Colo. Animal yoke. 1,454,317; May 8.
Erickson, C. E., Company. (See Erickson, Claus E., assignor.)
Erickson, C. E., Company. (See Erickson, Ernest R., assignor.)
Erickson, Carl O., St. Paul, Minn. Preheating device. 1,454,318; May 8.
Erickson, Charles, Minneapolis, Minn. Sprayer. 1,473,025; Nov. 6.
Erickson, Charles, jr., Scotia, Calif. Device for babbitting connecting rods. 1,456,634; May 29.
Erickson, Charles E., Delta, Utah, and M. J. Mast, Grand Junction, Colo. Gold-panning machine. 1,451,567; Apr. 10.
Erickson, Charles F., Brooklyn, N. Y. Rim for vehicle wheels. 1,478,893; Dec. 25.
Erickson, Claus E., Des Moines, Iowa. Service holder for ice picks and books. Des. 63,460; Dec. 11.
Erickson, Claus E., assignor to C. E. Erickson Company, Inc., Des Moines, Iowa. Combined coupon-book and ice-pick holder. 1,455,759; May 15.
Erickson, Daniel E., London, England. Furnace. 1,441,493; Jan. 9.
Erickson, David S. (See Anderson, Fred E., assignor.)
Erickson, Edward, Fresno, Calif. Letter file. 1,453,096; Apr. '24.
Erickson, Edward, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating on shoe bottoms. 1,461,085; July 10.
Erickson, Edward, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Trimming machine. 1,468,629; Sept. 25.
Erickson, Edward, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating on shoe bottoms. 1,474,348; Nov. 20.
Erickson, Edward, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe-turning machine. 1,474,349; Nov. 20.
Erickson, Ernest R., assignor to C. E. Erickson Company, Inc., Des Moines, Iowa. Combined toothbrush and paste holder. Des. 62,479; June 12.
Erickson, Frederic W., Tarrytown, N. Y. Coupling for pipes, conduits, etc. 1,452,268; Apr. 17.
Erickson, Gustave E., Sioux City, Iowa. Ash sifter. 1,445,502; Feb. 13.
Erickson, Herman A., Bakersfield, Calif. Lapping machine. 1,475,990; Dec. 4.
Erickson, Louis, La Crosse, Wis. Vehicle trailing device. 1,462,103; July 17.
Erickson, Marcus A., St. Cloud, assignor of one-half to C. E. Bird, Minneapolis, Minn. Headlight lens. 1,466,358; Aug. 28.
Erickson, Martin N., Columbia Falls, Mont. Wrench. 1,441,409; Jan. 9.
Erickson, Sanfred. (See Sloan, Peter J., assignor.)
Erickson, Sanfred, et al. (See Sloan, Jeter J., assignor.)
Erickson, Wallace C., and H. L. Conrad, Seattle, Wash. Wheel puller. 1,465,467; Aug. 21.
Erickson, Wilhelmina M., et al. (See Jaeger, Carl, assignor.)
Erickvam, Ole, Prairie Farm, Wis. Safety knife for trimming shoe soles. 1,471,889; Oct. 23.
Ericson, Carl E. and J. M., El Campo, Tex. Type cleaner for typewriting machines. 1,469,632; Oct. 2.
Ericson, Charles G., Toronto, Ontario, Canada. Rail anchor. 1,441,838; Jan. 9.

Alphabetical list of patentees—Continued.

Ericson, Emile, Pelham, and R. Weiss, New York, N. Y., assignors to The Pennsylvania Textile Mills Inc., Glen Riddle, Pa. Textile fabric. Des. 62,191; Apr. 10.
Ericson, Emile, Pelham, and R. Weiss, New York, N. Y., assignors to The Pennsylvania Textile Mills Inc., Glen Riddle, Pa. Textile fabric. Des. 62,254; Apr. 24.
Ericson, Emile, Pelham, and R. Weiss, New York, N. Y., assignors to The Pennsylvania Textile Mills Inc., Glen Riddle, Pa. Textile fabric. Des. 62,274; May 1.
Ericson, Emile, Pelham, and R. Weiss, New York, N. Y., assignors to The Pennsylvania Textile Mills Inc., Glen Riddle, Pa. Textile fabric. Des. 62,275; May 1.
Ericson, Emile, Pelham, and R. Weiss, New York, N. Y., assignors to The Pennsylvania Textile Mills Inc., Glen Riddle, Pa. Textile fabric. Des. 62,276; May 1.
Ericson, Emile, Pelham, and R. Weiss, New York, N. Y., assignors to The Pennsylvania Textile Mills Inc., Glen Riddle, Pa. Textile fabric. Des. 62,277; May 1.
Ericson, Emile, Pelham, and R. Weiss, New York, N. Y., assignors to The Pennsylvania Textile Mills Inc., Glen Riddle, Pa. Textile fabric. Des. 62,278; May 1.
Ericson, Emile, Pelham, and R. Weiss, New York, N. Y., assignors to The Pennsylvania Textile Mills Inc., Glen Riddle, Pa. Textile fabric. Des. 62,279; May 1.
Ericson, Emile, Pelham, and R. Weiss, New York, N. Y., assignors to The Pennsylvania Textile Mills Inc., Glen Riddle, Pa. Textile fabric. Des. 62,280; May 1.
Ericson, Emile, Pelham, and R. Weiss, New York, N. Y., assignors to The Pennsylvania Textile Mills Inc., Glen Riddle, Pa. Textile fabric. Des. 62,281; May 1.
Ericson, Emile, Pelham, and R. Weiss, New York, N. Y., assignors to The Pennsylvania Textile Mills Inc., Glen Riddle, Pa. Textile fabric. Des. 62,282; May 1.
Ericson, Emile, Pelham, and R. Weiss, New York, N. Y., assignors to The Pennsylvania Textile Mills Inc., Glen Riddle, Pa. Textile fabric. Des. 62,283; May 1.
Ericson, Emile, Pelham, and R. Weiss, New York, N. Y., assignors to The Pennsylvania Textile Mills Inc., Glen Riddle, Pa. Textile fabric. Des. 62,284; May 1.
Ericson, Emile, Pelham, and R. Weiss, New York, N. Y., assignors to The Pennsylvania Textile Mills Inc., Glen Riddle, Pa. Textile fabric. Des. 62,285; May 1.
Ericson, Emile, Pelham, and R. Weiss, New York, N. Y., assignors to The Pennsylvania Textile Mills Inc., Glen Riddle, Pa. Textile fabric. Des. 62,286; May 1.
Ericson, Emile, Pelham, and R. Weiss, New York, N. Y., assignors to The Pennsylvania Textile Mills, Inc., Glen Riddle, Pa. Textile fabric. Des. 62,361; May 15.
Ericson, Emile, Pelham, and R. Weiss, New York, N. Y., assignors to The Pennsylvania Textile Mills Inc., Glen Riddle, Pa. Textile fabric. Des. 62,533; June 19.
Ericson, Emile, Pelham, and R. Weiss, New York, N. Y., assignors to The Pennsylvania Textile Mills Inc., Glen Riddle, Pa. Textile fabric. Des. 62,606; July 3.
Ericson, George W., Galesburg, Ill. Basket. 1,445,673; Feb. 20.
Ericson, John M. (See Ericson, Carl E. and J. M.)
Ericson, Le Roy. (See Anderson, F. J., Cowden, and Ericson.)
Ericson, Melvin B., Evanston, Ill., assignor, by mesne assignments, to Bifex Products Company. Automobile bumper. 1,454,270; May 8.
Ericson, Oscar A., assignor to W. W. Kimball Company, Chicago, Ill. Expression device for self-playing pianos. 1,446,116; Feb. 20.
Ericson, Willard E., Evanston, assignor to Bifex Products Company, Waukegan, Ill. Bumper-attaching bracket. 1,458,927; June 19.
Ericsson, Elov, St. Paul, Minn. Rotary steam engine. 1,451,653; Apr. 10.
Ericsson, Erik E. (See Lauren, Lars W., assignor.)
Ericsson, John E. (See Lindgren, Waldemar L., assignor.)
Ericsson, Otto J., Warren, Pa. Lock mechanism. 1,459,584; June 19.
Erie Art Metal Company. (See Alloway, Alexander, assignor.)
Erie Glass Company. (See Corl, Robert M., assignor.)
Eriksen, Einar B., assignor to B. Johnsen, Brooklyn, N. Y. Rack for towels, etc. 1,464,311; Aug. 7.
Erikson, Axel, assignor to The Hess and Hopkins Leather Company, Rockford, Ill. Machine for forming cup leathers. 1,446,966; Feb. 27.
Erikson, Esther E., et al. (See Willson, Oscar, assignor.)
Erikson, Leonard, Malden, Mass. Lamp socket. 1,469,038; Sept. 25.
Eriksson, Erik O. (See Ljungstrom, F., Broberg, and Eriksson.)
Eriksson, John R., Stockholm, Sweden. Vapor stove and the like. 1,440,725; Jan. 2.
Erisman, Arthur C. (See Averill, William H., assignor.)
Erkenswick, Hubert J., Chicago, Ill. Shrine. 1,450,148; Mar. 27.
Erlandson, Julia. (See Johnson, Swan, assignor.)
Erman, Ira S., Cincinnati, Ohio. Ice-cream-dispensing device. 1,458,224; June 12.
Ermold, Edward, New York, N. Y. Bottle-labeling machine. 1,447,616; Mar. 6.
Ernest, Edward A. (See Norris, G. H., and Ernest.)
Ernsdorff, John B. (See Coffey, S. A., and Ernsdorff.)
Ernest, Richard, New York, N. Y. Plastic hair work and constructing same. 1,464,089; Aug. 7.
Ernest, Thomas R., assignor to Chicago Apparatus Corporation, Chicago, Ill. Gas-testing machine. 1,442,868; Jan. 23.
Ernest, Thomas R., assignor to Chicago Apparatus Co., Chicago, Ill. Gas tester. 1,475,571; Nov. 27.
Ernl, Walter, and A. E. Lange, jr., Milwaukee, Wis. Combined lamp and sound-reproducing device. Des. 62,714; July 24.
Ernst, George, Newark, N. J. Safety gauge glass. 1,459,952; June 26.
Ernst, Frederick C., New York, N. Y. Electric door opener. 1,471,455; Oct. 23.
Ernst, George, Newark, N. J. Variable-angle gage glass. 1,448,920; Mar. 20.
Ernst, Henri A., assignor to Roberts and Schaefer Company, Chicago, Ill. Coal chute and apron. 1,444,174; Feb. 6.
Ernst, John A., jr., Ridgefield Park, N. J. Game apparatus. 1,461,649; July 10.
Ernst, Wilhelm E., Berlin-Schoneberg, Germany. Thermostatically-controlled throttling device. 1,468,689; Sept. 25.
Eronen, Edward, Fitchburg, Mass. Sled. 1,444,175; Feb. 6.
Erpenbeck, Theodore C., Chicago, Ill. Belt buckle. 1,445,075; Feb. 13.
Erpenbeck, Theodore C., Chicago, Ill. Belt buckle. 1,452,799; Apr. 24.
Errett, Thomas A., Seattle, Wash., assignor, by mesne assignments, to Modern Torch Co., Inc Oxyacetylene welding and cutting torch. 1,471,456; Oct. 23.
Errett, Thomas A., W. P. Brown, and H. F. Brown, San Francisco, Calif. Cutting and welding torch. 1,454,996; May 15.
Ershkowitz, Michael, Irvington, assignor to S. Ershkowitz, Jersey City, N. J. Auxiliary steering element for the handle bars of vehicles. 1,448,921; Mar. 20.
Ershkowitz, Samuel. (See Ershkowitz, Michael, assignor.)
Erskine, James E., Jacksonville, Fla. Floor plate. 1,463,359; July 31.
Erskine, John S., assignor to Stover Manufacturing & Engine Co., Freeport, Ill. Coal chute. 1,468,012; Sept. 18.
Erskine, Thomas C., Columbus, Ohio. Smoker's accessory. 1,457,154; May 29.
Erslev, Rolf A., Copenhagen-Valby, Denmark. Automatic case lift. 1,459,722; June 26.
Erste Deutsche Kunstdruck-Papierfabrik Carl Scheufelen. (See Scheufelen, A., and Schumacher, assignors.)
Ertel, John, Newberry, Pa., assignor to Armour Leather Company, Chicago, Ill. Stamping device. 1,473,026; Nov. 6.
Erven, Andrew, Westville, Ill. Surface plow cultivator. 1,477,333; Dec. 11.
Ervin, Charles W., Los Angeles, Calif. Can opener. 1,473,027; Nov. 6.
Ervin, James M., Detroit, Mich. Sheet-metal shovel. 1,469,215; Oct. 2.
Erwin, Reiman G. (See Henderson, G. A., and Erwin.)
Erwin, Samuel P., Santa Rosa, Calif. Elevator. 1,446,339; Feb. 20.
Erwin, Shannon A., Orcutt, Calif. Sucker-rod overshot fishing tool. 1,470,114; Oct. 9.
Esberg, Clifford N. (See Willison, R. A., and Esberg.)
Esch, Henry S., New York, N. Y. Tread guard. 1,444,785; Feb. 13.
Esch, Henry S., New York, N. Y. Articulated tire guard. 1,451,013; Apr. 10.
Esche, Herbert E., Chemnitz, Germany. Machine-made seam for knitted materials and the like. 1,452,195; Apr. 17.
Eschenbach, Anthony J., Cincinnati, Ohio. Drier for printing presses. 1,468,289; Sept. 18.
Eschenfelder, Eugene G., Waterloo, Ill. Inner tube for pneumatic tires. 1,446,644; Feb. 27.
Escher, Charles, Jersey City, N. J. Tire. 1,458,040; June 5.
Eschert, Herman, Long Island City, N. Y. Hot-water heating unit. 1,472,059; Oct. 30.
Eschholz, Otto H., Wilkinsburg, Pa., assignor to Westinghouse Electric and Manufacturing Company. Circuit interrupter. 1,452,550; Apr. 24.
Eschholz, Otto H., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Discharge-indicating device. 1,461,519; July 10.
Escobales, H., Co., Inc. (See de Escobales, Hilarion, assignor.)
Escoto, Carlos J., Habana, Cuba. Protective cover for automobile tires. 1,469,633; Oct. 2.
Esda Manufacturing Company. (See Hamilton, Paul H., assignor.)
Eskell, Douglas V., New York, N. Y. Means for supporting and tensioning tennis nets and the like. 1,459,723; June 26.
Eskes, Luke, Coal Harbor, N. Dak. Sickle bar. 1,468,594; Sept. 18.
Eskew, Sidney E., and L. Harris, Benton, Ill. Smoothing sheet. 1,466,391; Aug. 28.
Eskilson, Sven A., assignor to Svenska Aktiebolaget Gasaccumulator, Stockholm, Sweden. Cooking apparatus for gas, liquid fuel, or electricity. 1,471,840; Oct. 23.

Esler Electric Manufacturing Company. (See Esler, Samuel M., assignor.)
Esler, Samuel M., Chicago, Ill., assignor to Esler Electric Manufacturing Company, Marion, Ind. Connecting device for electric circuits. 1,452,267; Apr. 17.
Eslick, Joseph S., San Jose, Calif. Motor-cycle support. 1,451,210; Apr. 10.
Esmarian, Charles, Paterson, N. J. Demountable rim. 1,468,443; Sept. 18.
Esmond Mills, The. (See Andrews, Frederick A., assignor.)
Esmond Mills, The. (See Martin, Arthur I., assignor.)
Esnault-Pelterie, Robert, Paris, France. Continuous-action synchronizer. 1,457,968; June 5.
Esnault-Pelterie, Robert, Paris, France. Motor system with direct transmission. 1,459,019; June 19.
Esnault-Pelterie, Robert, Paris, France. Means for regulating the output of pumps operated by the engines of automobiles or the like. 1,475,508; Nov. 27.
Espenhahn, Edward V., East Orange, N. J., assignor to The Koppers Company, Pittsburgh, Pa. Gas purification. 1,440,977; Jan. 2.
Espenschied, Frederic F., assignor to Combustion Engineering Corporation, New York, N. Y. Fuel-burning furnace. 1,465,426; Aug. 21.
Espenschied, Lloyd, Hollis, N. Y., assignor to American Telephone and Telegraph Company. Transmission system. 1,441,270; Jan. 9.
Espenschied, Lloyd, Hollis, N. Y., assignor to American Telephone and Telegraph Company. Repeater apparatus for carrier systems. 1,443,984; Feb. 6.
Espenschied, Lloyd, Hollis, N. Y., assignor to American Telephone and Telegraph Company. Signaling system. 1,443,985; Feb. 6.
Espenschied, Lloyd, Hollis, N. Y., assignor to American Telephone and Telegraph Company. Radio receiving apparatus. 1,446,890; Feb. 27.
Espenschied, Lloyd, Hollis, N. Y., assignor to American Telephone and Telegraph Company. Balancing arrangement for multiplex carrier circuits. 1,450,254; Apr. 3.
Espenschied, Lloyd, Hollis, N. Y., assignor to American Telephone and Telegraph Company. Composite ringer for multiplex transmission systems. 1,451,767; Apr. 17.
Espenschied, Lloyd, Hollis, N. Y., assignor to American Telephone and Telegraph Company. Means for ringing over multiplex transmission channels. 1,454,158; May 8.
Espenschied, Lloyd, Hollis, N. Y., assignor to American Telephone and Telegraph Company. Multiple balancing arrangement for multiplex transmission. 1,458,225; June 12.
Espenschied, Lloyd, Hollis, N. Y., assignor to American Telephone and Telegraph Company. Method of and apparatus for limiting the transmission of electrical energy. 1,466,707; Sept. 4.
Espenschied, Lloyd, Hollis, N. Y., assignor to American Telephone and Telegraph Company. Transmission system. 1,466,708; Sept. 4.
Espenschied, Lloyd, Queens, N. Y., assignor to American Telephone and Telegraph Company. Plural modulation and demodulation circuits. 1,447,204; Mar. 6.
Espenschied, Lloyd, Queens, N. Y., assignor to American Telephone and Telegraph Company. Means for ringing over multiplex transmission channels. 1,454,159; May 8.
Espenschied, Lloyd, Queens, N. Y., assignor to American Telephone and Telegraph Company. Means for and method of modulation. 1,473,674; Nov. 13.
Espenschied, Lloyd, Hollis, and H. A. Affel, Brooklyn, N. Y., assignors to American Telephone and Telegraph Company. System for communicating with moving vehicles. 1,453,387; May 1.
Espenschied, Lloyd, Hollis, and J. F. Toomey, New York, N. Y., assignors to American Telephone and Telegraph Company. Low-frequency alternating-current signaling system. 1,465,299; Aug. 21.
Espenschied, Lloyd, Queens, N. Y., and R. Bown, East Orange, N. J., assignors to American Telephone and Telegraph Company. Radio transmission control system. 1,447,773; Mar. 6.
Espenschied, Lloyd, Queens, N. Y., and R. Bown, East Orange, N. J., assignors to American Telephone and Telegraph Company. Call system for radiotelephony. 1,464,565; Aug. 14.
Esperson, Niels, assignor to Reed Roller Bit Company, Houston, Tex. Method of and apparatus for sidetracking in deep-well drilling. 1,454,048; May 8.
Esselstyne, Charles E., deceased, San Francisco, Calif.; W. E. Thomson, administrator. Composing-stick knee. 1,440,531; Jan. 2.
Essenkay Products Company. (See Mayer, F. D., and Vance, assignors.)
Essex, Harry, and A. L. Ward, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Making halolefines. 1,477,047; Dec. 11.
Essex, Harry, and A. L. Ward, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthesis of glycerol. 1,477,113; Dec. 11.
Essex Motors. (See Fekete, S. I., and Baits, assignors.)
Essex Motors. (See Whisler, R. H., and Baits, assignors.)
Essex Rubber Company. (See Sanders, Walter E., assignor.)
Essex Specialty Co. (See Gehrig, William F., assignor.)
Essington, Harry M., Chicago, Ill. Storage-battery lamp and means for operating same. 1,469,783; Oct. 9.
Essmann, Herman, near Pender, Nebr. Governor attachment for tractors. 1,441,916; Jan. 9.
Esson, Robert L., Johannesburg, Transvaal, South Africa. Loose-leaf binder and the like. 1,454,921; May 15.
Est, Nels, Montesano, Wash. Deep-sea raft. 1,447,940; Mar. 6.
Estate of Adelbert W. Flint. (See Flint, William A., assignor.)
Estate Stove Company, The. (See Kahn, Bertrand B., assignor.)
Estep, John B., Cleveland, Ohio. Pipe hanger. 1,457,106; May 29.
Ester, Giuseppe. (See Franco, R., and Ester.)
Estergreen, Oscar C., Franklin, Pa., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Truck. 1,444,115; Feb. 6.
Estes, Robert J., Coalgate, Okla. Pen. 1,447,066; Feb. 27.
Estes, Robert L., Tiplersville, Miss. Seed planter. 1,478,894; Dec. 25.
Estler, Paul T. J., London, England. Trolley collector. 1,455,578; May 15.
Estwing, Ernest, et al. (See Faust, Levin, assignor.)
Eszto, Joseph, Halfway, Mich. Lubricating device for saws. 1,450,884; Apr. 3.
Etablissents Kuhlmann. (See Audianne, Paul, assignor.)
Etablissements Baudet & Donon. (See Donon, Pierre, assignor.)
Etablissements de Ventilation Kestner & Neu. (See Kestner, Paul, assignor.)
Etheridge, James H., assignor to Etheridge Printing Company, Dallas, Tex. Envelope folder. 1,459,092; June 19.
Etheridge Printing Company. (See Etheridge, James H., assignor.)
Etherton, William A., Ava, Ill. System of distribution. 1,467,361; Sept. 11.
Etrich, Igo, Grunwald, near Munchen, Germany, and R. Wannenmacher, Trautenau, Czechoslovakia. Coal-cutting machine and tool. 1,472,641; Oct. 30.
Etter, John F., Chambersburg, Pa. Mop. 1,444,116; Feb. 6.
Etter, Lyle H., Marietta, Ohio. Metallic weather strip. 1,474,709; Nov. 20.
Ettner, Samuel, Brooklyn, N. Y. Article of furniture. 1,467,147; Sept. 4.
Etue, Peter J., Merriam, Kans. Gate. 1,447,016; Feb. 27.
Eubanks, Thomas H., Hosston, La. Standing valve for oil-well pumps. 1,443,016; Jan. 23.
Eugster, Daniel, Union Hill, N. J. Copying apparatus. 1,468,939; Sept. 25.
Eulitt, Ira M. (See Marshall, Walker E., assignor.)
Eulitt, Ira M., Springfield, Ohio. Lock for automobiles. 1,471,515; Oct. 23.
Eummelen, Henry, Santa Ana, Calif. Trough for use in connection with cages or the like. 1,446,740; Feb. 27.
Eummelen, Henry, Santa Ana, Calif. Watering trough. 1,450,494; Apr. 3.
Euphrat, Theophile, Mount Vernon, N. Y. Shade holder. 1,453,099; Apr. 24.
Eureka Bedding Manufacturing Company. (See Schwartz, Harry, assignor.)
Eureka Metallurgical Company. (See Nokes, Charles M., assignor.)
Eureka Metallurgical Company. (See Smith, Reinold V., assignor.)
Eureka Rough Dry Pin System Co. (See Hanney, Angus F., assignor.)
Eureka Rough Dry Pin System Co. (See Hanney, A. F., and Gammell, assignors.)
Eureka Smokeless Furnace Co. (See Nilson, Andrew, assignor.)
Eustege, Thomas P., Hataitai, Wellington, New Zealand. Kettle or other utensil for heating water or the like. 1,447,414; Mar. 6.
Eustege, Thomas P., Wellington, New Zealand. Aperture sight. 1,476,806; Dec. 11.
Eustice, Alfred L., Chicago, Ill. Inclosed electric fuse. 1,450,029; Mar. 29.
Eustis, Frederic A. (See Belcher, D., and Eustis.)
Eustis, Frederic A., Milton, Mass. Apparatus for making hydrosulphites. 1,472,828; Nov. 6.
Eustis, Frederic A., Milton, and D. Belcher, Boston, Mass., assignors of one-half to said Eustis and one-half to C. P. Perin, New York, N. Y. Separating and recovering iron and zinc from sulphide ores. 1,466,793; Sept. 4.
Eustis, Frederic A., Milton, C. R., Hayward, Quincy, and H. M. Schleicher and D. Belcher, Boston, Mass., assignors of one-half to said Eustis and one-half to C. P. Perin, New York, N. Y. Making electrolytic iron. 1,451,333; Apr. 10.
Eustis, J. P., Manufacturing Company. (See Eustis, Warner, assignor.)
Eustis, Samuel L., jr., Onaga, Kans. Conveyer. 1,460,952; July 3.
Eustis, Warner, Newton, assignor to J. P. Eustis Manufacturing Company, Cambridge, Mass. Toilet-paper holder. 1,441,410; Jan. 9.

Eva, Calvin A., Austin, Tex. Belt attachment. 1,477,551; Dec. 18.

Evaniuk, Michael, Tottenville, N. Y. Cutting machine. 1,471,025; Oct. 16.

Evans, Albert C., Butte, Mont. Printer's chase. 1,477,046; Dec. 11.

Evans, Alexander H., assignor of one-half to Edward G. Herbert Limited, Manchester, England. Hack saw and band saw as used for cutting metals. 1,463,880; Aug. 7.

Evans, Alfred H., New York, N. Y. Collapsible concrete mold. 1,471,951; Oct. 23.

Evans, Alva A. (See Wetz, T. H., and Evans.)

Evans, Arthur N. (See Casper, George C., assignor.)

Evans, Benjamin A., and I. Zwisler, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for covering rings. 1,476,807; Dec. 11.

Evans, Carl B., and S. S. Knierim, Wichita, Kans. Ignition-spark intensifier. 1,445,937; Feb. 20.

Evans, Charles E., Seattle, Wash. Bundle binding and tying machine. 1,478,560; Dec. 25.

Evans, Daniel, Highbury, London, England. Writing and drawing surface. 1,455,579; May 15.

Evans, David, Burry Port, England. Automatically-acting and permanently-residing tube cleaner. 1,475,431; Nov. 27.

Evans, Edward J., Briercrest, Saskatchewan, Canada. Sieve. 1,462,804; July 24.

Evans, Edward L., Fort Myers, Fla. Trolling spoon. 1,467,362; Sept. 11.

Evans, Edward S., Detroit, Mich. Automobile tie-down device. 1,449,147; Mar. 20.

Evans, Edwin B., Providence, R. I., assignor to Waite, Evans Company. Rosary. Des. 63,129; Oct. 16.

Evans, Edwin J., and G. E. Hemphill, Salt Lake City, Utah. Pipe wrench. 1,449,386; Mar. 27.

Evans, Edwin R., Detroit, Mich. Brake. 1,463,159; July 31.

Evans, Edwin R., assignor of one-half to B. F. Everitt, Detroit, Mich. Tool holder. 1,457,511; June 5.

Evans, Emrys E., Streator, Ill. Lettering pen. 1,465,845; Aug. 21.

Evans, Frank R., Zanesville, Ohio. Cloth stitching and cutting machine. 1,472,410; Oct. 30.

Evans, Frederick C., Ithaca, N. Y. Draft regulator. 1,453,757; May 1.

Evans Fuel Saving Company. (See Evans, Joseph P., assignor.)

Evans, George E., Waco, Tex. Cotton gin. 1,464,810; Aug. 14.

Evans, George E., Waco, Tex. Cotton gin. 1,464,811; Aug. 14.

Evans, George R., Fresno, Calif. Air cooler. 1,470,156; Oct. 9.

Evans, Guy J., Buffalo, N. Y. Printing machine. 1,443,316; Jan. 23.

Evans, Guy J., Buffalo, N. Y. Addressing machine. 1,447,128; Feb. 27.

Evans, Guy J., Buffalo, N. Y. Printing apparatus. 1,447,129; Feb. 27.

Evans, Guy J., Buffalo, N. Y. Stencil. 1,451,816; Apr. 17.

Evans, Guy J., Buffalo, N. Y. Stencil. 1,451,817, Apr. 17.

Evans, Guy J., Buffalo, N. Y. Stenciling device. 1,477,479; Dec. 11.

Evans, Henry S., and G. L. Fisk, Harrisburg, Pa. Magnet manipulator. 1,466,823; Sept. 4.

Evans, James G., Tunbridge Wells, England. Child's mail cart and like vehicle. 1,461,976; July 17.

Evans, John, Salt Lake City, Utah. Pin. 1,465,212; Aug. 14.

Evans, John, Toronto, Ohio, assignor of one-third to C. H. Carroll, Martins Ferry, Ohio. Tin-sheet separator. 1,473,927; Nov. 13.

Evans, Joseph E., Bedford, Ind., assignor of one-fourth to O. M. Clifford, St. Louis, Mo. Suspension device for equalizing the strain on elevator cables. 1,442,060; Jan. 16.

Evans, Joseph P., Birmingham, Ala., assignor to Evans Fuel Saving Company. Fuel-saving cover sheet for grates and utilizing same. 1,444,176; Feb. 6.

Evans, Lewis L., Lancaster, S. C., assignor of one-half to O. W. Connor, Concord, N. C. Renovating attachment for slashers. 1,458,473; June 12.

Evans, Lewis L., Bridgeport, Conn., assignor of one-half to G. M. Hart, Wilkes-Barre, Pa. Timer. 1,466,392; Aug. 28.

Evans, Lewis L., Bridgeport, Conn., and G. M. Hart, Wilkes-Barre, Pa. Switch mechanism. 1,463,463; July 31.

Evans, Oscar L., Excelsior, Minn. Eraser-cleaning machine. 1,472,060; Oct. 30.

Evans, Peter D., Dayton, Ohio. Door-controlling mechanism. 1,470,431; Oct. 9.

Evans, Powell. (See Hamilton, Alexander P., assignor.)

Evans, Raymond R. (See O'Neil, A. S., and Evans.)

Evans, Robert D., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Furnace-regulator system. 1,449,593; Mar. 27.

Evans, Robert D., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Furnace-regulator system. 1,449,896; Mar. 27.

Evans, Robert D., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric-furnace regulator system. 1,449,897; Mar. 27.

Evans, Robert M., Seattle, Wash. Splice shoe. 1,445,877; Feb. 20.

Evans, Robert N. (See Evans, Rudolph W., assignor.)

Evans, Rudolph W., assignor to R. N. Evans, Hamilton, Ontario, Canada. Tire chain. 1,449,092; Mar. 20.

Evans, Rudolph W., Hamilton, Ontario, Canada. Tire chain. 1,456,181; May 22.

Evans, Russell R., Tacoma, Wash. Container and closure therefor. 1,466,583; Aug. 28.

Evans, Sanford. (See Miles, G. F., and Evans.)

Evans, Sylvester, Woodhaven, assignor to J. Burger, Brooklyn, N. Y. Shoes and making the same. 1,472,017; Oct. 23.

Evans, Thomas B. C., Hawley, Minn. Cabinet. 1,471,594; Oct. 23.

Evans, Thomas N., London, England. Loose-letter sign and the like. 1,452,074; Apr. 17.

Evans, William A., Fort Washington, assignor to Atwater Kent Manufacturing Company, Philadelphia, Pa. Distributor and making the same. 1,478,705; Dec. 25.

Evans, William L., jr., Washington, Ind. Composite wall and constructing it. 1,472,642; Oct. 30.

Evans, William T., Mitchell, Nebr. Lantern. 1,470,432; Oct. 9.

Eve, Percy N. (See Harris, Arthur, assignor.)

Eveleth, Clarence M., River Forest, Ill. Weather strip. 1,456,633; May 29.

Evelyn, Harry C., Chicago, Ill. Bolt-locking device. 1,454,271; May 8.

Evenson, Oscar, Rio, Wis. Hot-water attachment for stoves. 1,452,368; Apr. 17.

Ever Ready Auto Signal Co. (See Trinca, F., and Wolf, assignors.)

Everbest One Piece Shoe Co. (See Cassano, Erminio, assignor.)

Everett, Arthur S., Lawrence, assignor to Page Machine Co., Inc., Haverhill, Mass. Heel-building machine. 1,461,384; July 10.

Everett, Howard E., St. Paul, Minn. Dauber. 1,458,281; June 12.

Everett, Ira, Sayre, Pa. Car-end construction. 1,463,773; July 31.

Everett, Ira, Sayre, Pa. Railway-car-coupler uncoupling device. 1,473,721; Nov. 13.

Everett, John H. D., Waukegan, Ill. Safety razor. 1,466,123; Aug. 28.

Everett, Thomas L., assignor of one-half to F. E. Foster, Wellsburg, W. Va. Antiskidding device. 1,474,518; Nov. 20.

Everhart, Charles O., Warren, Pa. Liquid or vapor fuel burner. 1,455,135; May 15.

Everitt, B. F. (See Evans, Edwin R., assignor.)

Evermann, Frederick F., Los Angeles, Calif. Live-bait box. 1,478,179; Dec. 18.

Everready Mfg. Company of Boston. (See Woodaman, Clinton B., assignor.)

Evers, Arthur J., assignor to Evers-Sauvage Company, Chicago, Ill. Transmission-greasing appliance. 1,464,502; Aug. 14.

Evers, Arthur J., and H. J. Sauvage, Chicago, assignors to A. A. Arnold, Oak Park, Ill. Blank cutting and transporting mechanism. 1,464,649; Aug. 14.

Evers, Birger. (See Schafer, C. W., and Evers.)

Evers, Charles H., Cleveland, Ohio. Smokehouse. 1,441,839; Jan. 9.

Evers-Sauvage Company. (See Evers, Arthur J., assignor.)

Evershed, Herbert B. A., Guildford, England. Duplicating means. 1,460,058; June 26.

Evershed & Vignoles, Limited. (See Needham, John C., assignor.)

Eversman, Lewis W., Julesburg, Colo. Automatic beveling machine. 1,469,502; Oct. 2.

Everts Angle Razor Corporation. (See Everts, Walter W., assignor.)

Everts, Walter W., assignor to Everts Angle Razor Corporation, New York, N. Y. Safety razor. 1,471,114; Oct. 16.

Evertz, Knute, Bellingham, Wash. Two-speed, power stump puller. 1,456,872; May 29.

Eveson, Noel G., Birmingham, England. Indicating or recording device particularly adapted for use by golfers. 1,468,901; Sept. 25.

Evey, George E., Lisco, Nebr. Calf weaner. 1,440,449; Jan. 2.

Evin, Israel J., Altoona, Pa. Dress guard and chair holder. 1,455,722; May 15.

Evitt, Harry G. (See Parker, E. A., and Evitt.)

Evr Klean Seat Pad Co. (See Loesch, John J., assignor.)

Evr Klean Seat Pad Co. (See Reece, John, assignor.)

Ewald, Frederick W., Garwood Borough, N. J., assignor to H. G. Thomson, New York, N. Y. Gate lock. 1,440,777; Jan. 2.

Ewart, John S. (See Clifton, W. E., and Ewart.)

Ewart, Samuel F., Coal Valley, Pa. Transmission gear. 1,446,037; Feb. 20.

Ewell, Charles O., Dyer, Tenn. Barrel. 1,451,068; Apr. 10.
Ewell, Charles O., Dyer, Tenn. Shipping crate. 1,471,113; Oct. 16.
Ewell, John A., Quinault, Wash. Clutch-controlling mechanism for automobiles. 1,453,386; May 1.
Ewing, Alfred. (See St. Stephens, R. de H., and Ewing.)
Ewing, Ira E., and H. Hinerman, Wheeling, W. Va. Vacuum-producing apparatus. 1,467,312; Sept. 11.
Ewing, James C., Oakland, Calif. Pyjamas. 1,451,093; Apr. 10.
Ewing, Joseph H., Malta, Ohio. Gaming device. 1,477,334; Dec. 11.
Ewing, Sydney E. T., and J. L. Willey, Johannesburg, Transvaal, South Africa. Ore reduction. 1,461,977; July 17.
Ewinger, William O., Burlington, Iowa. Natural water-cooling device. 1,454,470; May 8.
Excelsior Cycle Company. (See Baine, James C., assignor.)
Excelsior Steel Furnace Company, The. (See Menk, Rudolph W., assignor.)
Excelsior Steel Furnace Company, The. (See Scherer, Albert G., assignor.)
Exley, William H., Woking, and G. H. Handasyde, West Byfleet, assignors of one-third to L. C. Rawlence, London, England. Electric battery or accumulator. 1,449,746; Mar. 27.
Exolon Company, The. (See Harty, William A., assignor.)
Expansion Drill Company. (See Stickney, Charles L., assignor.)
Exposito, Carmine, Connellsville, Pa. Key-ring holder. 1,468,013; Sept. 18.
Exposito, Jose B., Habana, Cuba. Shock-absorbing apparatus. 1,443,706; Jan. 30.
Exum, Joseph K., Milltown, Ga. Side-dump vehicle. 1,456,374; May 22.
Exum, Mary E., Wilson, N. C. Portable serving table. 1,455,395; May 15.
Ey, Gustav, New York, N. Y. Building block. 1,467,929; Sept. 11.
Eyben, Frank H., Cummings, Alberta, Canada. Combination harrow cart. 1,442,389; Jan. 16.
Eyman, Frank H., Oak Park, assignor to Art Novelty Manufacturing Company, Chicago, Ill. Seal press. 1,471,687; Oct. 23.
Eyman, Frank H., Oak Park, assignor to Art Novelty Manufacturing Company, Chicago, Ill. Seal press. 1,471,688; Oct. 23.
Eymon Crossing Company, The. (See Wilson, Byron E., assignor.)
Eynon, Howard B., Lakewood, Ohio, assignor to National Carbon Company, Inc. Arc-lamp electrode. 1,444,961; Feb. 13.
Eynon, Howard B., Lakewood, Ohio, assignor to National Carbon Company, Inc. Arc-lamp electrode. 1,444,962; Feb. 13.
Eynon, Thomas, Rock Island, assignor to Williams, White & Co., Moline, Ill. Bolt-hoppering machine. 1,476,064; Dec. 4.
Eyraud, Marcellin, jr., Los Angeles, Calif. Safety razor. 1,449,594; Mar. 27.
Eyre, Harry G., and C. H. Crites, Topeka, Kans. Attachment for motor cycles. 1,473,956; Nov. 13.
Eyre, John J., Somerville, Mass. Tire-chain carrier. 1,462,789; July 24.
Eyre, Reginald. (See Payne, A. C., and Eyre.)
Eyster, James P., Indianapolis, Ind., assignor, by mesne assignments, to The Willys-Overland Company, Toledo, Ohio. Attachment for seat covers. 1,454,577; May 8.
Eytchison, Purly B., Mitchell, Nebr. Stapling machine. 1,459,020; June 19.
Ezell, Lemuel M., Nashville, Tenn. Coin-controlled dispensing machine. 1,454,272; May 8.
Fa. P. S.-Vergaser- und Apparatebau-Aktiengesellschaft. (See Pordes, Dore, assignor.)
Fabeck, Nicolaus W., Freeport, Minn. Loading device. 1,462,272; July 17.
Faber, Eberhard, Pencil Company. (See Faber, Lothar W., assignor.)
Faber, Frank M., Canton, Ohio. Photographic camera. 1,475,006; Nov. 20.
Faber, Harold, Mount Pleasant, Mich. Spring compressor. 1,469,076; Sept. 25.
Faber, Herman W., St. Louis, Mo. Balloon. 1,445,878; Feb. 20.
Faber, John J., Minneapolis, Minn. Film-pack holder for cameras. 1,447,972; Mar. 13.
Faber, Lothar W., New York, N. Y., assignor to Eberhard Faber Pencil Company. Card for pencils and the like. 1,446,741; Feb. 27.
Faber, Lothar W., New York, N. Y., assignor to Eberhard Faber Pencil Company. Display stand for pencils or the like. 1,463,805; Aug. 7.
Faber, Lothar W., New York, and W. Robinson, Brooklyn, N. Y., assignors to Eberhard Faber Pencil Company. Pencil. 1,474,519; Nov. 20.
Fabian, A. V., et al. (See Dunn, Louis, assignor.)
Fabret, François J., Nice, France. Apparatus for producing local anæsthesia. 1,476,699; Dec. 11.
Fabrizio, Carmine. (See Franco, Cesare, assignor.)
Fabry, Marguerite. (See Fabry, Pierre and M.)
Fabry, Pierre, Liege, and M. Fabry, Herstal, Belgium. Assemblage device for sporting-gun barrels. 1,468,902; Sept. 25.
Fabyan, George. (See Page, Carl M., assignor.)
Fadum, Christian, New York, N. Y. Safety attachment for type-slug-casting machines. 1,475,007; Nov. 20.
Faelchle, Karl F., Columbus, Ohio. Baking pan. 1,442,931; Jan. 23.
Faes, Henry A., Crook, Colo. Flytrap. 1,455,782; May 22.
Faessel, Michael, assignor to Loxon Piston and Ring Company, Seattle, Wash. Piston and piston ring. 1,478,561; Dec. 25.
Faessler, J., Manufacturing Company, The. (See Maupin, Graves R., assignor.)
Fafnir Bearing Company, The. (See Reynolds, Harry R., assignor.)
Fagan, C. A., et al., receivers. (See Jones, Pearl N., assignor.)
Fagan, John J., Jersey City, N. J. Sewer-basin head. 1,477,435; Dec. 11.
Fagan, Joseph A., assignor of one-third to W. Smith, Augusta, Ky. Attachable bed and carrier for vehicles. 1,474,929; Nov. 30.
Fageol, Frank R., Oakland, Calif. Automobile body. 1,452,369; Apr. 17.
Fageol, William B., Oakland, Calif. Power-transmission-gear mechanism. 1,463,389; July 31.
Fager, Edwin J., jr., Harrisburg, Pa. Woodworking machine. 1,449,317; Mar. 20.
Fagerskog, Ingvald, Sacramento, Calif. Drive coupling. 1,450,068; Mar. 27.
Fahlenberg, Hermann, Pankow, near Berlin, assignor to R. A. Hansemann, Berlin, Germany. Automatic safety device for cinematographic apparatus. 1,449,595; Mar. 27.
Fahnestock, Archie P., Plandome, N. Y. Electric switch. 1,477,335; Dec. 11.
Fahnestock, Ernest B., deceased; E. M. Jordan and F. H. Burnett, Plandome, N. Y., executors. Atomizer and atomizing. 1,441,411; Jan. 9.
Fahrenbruch, George H., Omaha, Nebr. Freight-car-door lock. 1,474,584; Nov. 20.
Fahrenfeld, Frederick W., assignor to Automatic Electric Company, Chicago, Ill. Calling-device attachment. 1,455,998; May 22.
Fahrenwald, Frank A., Cleveland, Ohio. Electrical resistance element. 1,464,312; Aug. 7.
Fahrenwald, Frank A., Cleveland Heights, Ohio. Electric resistance element. 1,475,942; Dec. 4.
Fahrney, Callow D., Cambridge, Mass. Ash-can stair device. 1,442,560; Jan. 16.
Fahsbender, Frank, Paterson, N. J. Lifting device. 1,457,657; June 5.
Fahy, Frank P. (See Aceves, Julius G., assignor.)
Fahy, Frank P. (See Nilson, Lars G., assignor.)
Fahys, Joseph, & Company. (See Gordon, Peter J., assignor.)
Faidley, William D., jr., Clifton Forge, J. W. Morris, Iron Gate, and S. A. Patterson, Clifton Forge, Va. Machine for removing and replacing metal parts of train-pipe couplings. 1,461,578; July 10.
Faikas, Frank F. (See Snyder, W. H., and Farkas.)
Fair, Charles S., et al., administrators. (See Bowser, Augustus.)
Fair Foundry Co. (See Holloway, Frank P., assignor.)
Fair, Irvin E. (See Comstock, J. D., and Fair.)
Fair, Ralph E., assignor to Lucey Manufacturing Corporation of Tennessee, Chattanooga, Tenn. Shock-absorbing attachment for well casings. 1,465,120; Aug. 14.
Fairall, Walter T., Stockton, Calif. Combined door check and burglar alarm. 1,467,363; Sept. 11.
Fairbairn, John J., Roosevelt, N. Y. Stanchion for supporting barrier rails. 1,457,900; June 5.
Fairbairn Lawson Combe Barbour Limited. (See Ryan, John W., assignor.)
Fairbanks, Carl A., Wichita, Kans. Controlling device for electric signs. 1,460,953; July 3.
Fairbanks, Carl A., Wichita, Kans. Educational sign. 1,460,954; July 3.
Fairbanks, E. and T., and Company. (See Burrows, Ernest E., assignor.)
Fairbanks, Eugene A., Holland, Mich. Firearm. 1,463,160; July 31.
Fairbanks, George W., assignor of one-half to N. E. McDermut, Pendleton, Oreg. Self closing and cleaning drain valve. 1,467,615; Sept. 11.
Fairbanks, Luke J., Los Angeles, Calif. Dispenser. 1,458,282; June 12.
Fairbanks, Morse & Co. (See Heath, William C., assignor.)
Fairbanks, Morse & Company. (See Hobart, F. G., and Jahnke, assignors.)
Fairbourn, George W. Salt Lake City, Utah. Weeder. 1,472,749; Oct. 30.
Fairbrother, Thomas H., and A. Renshaw, assignors to British Dyestuffs Corporation Limited, Manchester, England. Treatment of sewage. 1,455,435; May 15.
Fairburn, Charles E., London, England. Conductor arrangement of electric traction systems. 1,458,692; June 12.

Alphabetical list of patentees—Continued.

Fairburn, Charles E., London, England. Controller for electric motors. 1,464,245; Aug. 7.
Fairchild, Alson F., Elkhorn, Wis. Wind instrument. 1,457,623; June 5.
Fairchild, Horatio J., Kalamazoo, Mich., assignor of one-half to W. D. Warner, Columbus, Ohio. Carburetor-control device. 1,464,601; Aug. 14.
Fairchild, Roland J., assignor to National Water Lift Co., Kalamazoo, Mich. Power pump. 1,452,963; Apr. 24.
Fairchild, Sherman M., Oneonta, N. Y. Speedometer for aircraft. 1,449,387; Mar. 27.
Faire Bros. & Co. Limited. (See Mather, W. A., and Smithies, assignors.)
Fairfield Engineering Co., The. (See Brown, C. O., and Walker, assignors.)
Fairley, Jesse, Sioux Falls, S. Dak. Fastening device. 1,458,399; June 12.
Fairley, Taliaferro J., Hattiesburg, Miss. Treating vegetable matter for the production or extraction of oils, resinous substances, etc. 1,472,119; Oct. 30.
Fairley, Taliaferro J., and T. M. Du Bose, Hattiesburg, Miss.; said Du Bose assignor to said Fairley. Extracting pine oil, turpentine, and resinous products from wood. 1,472,118; Oct. 30.
Fairmont Gas Engine & Railway Motor Car Co. (See Kasper, Walter F., assignor.)
Faitz, Gustav A., Chicago, Ill. Ratchet wrench. 1,451,498; Apr. 10.
Faivre, Pierre, Le Locle, Switzerland. Spring wheel. 1,460,318; June 26.
Falconer, Edward A., London, England. Lock and indicator for holding and locating keys, tools, and other portable articles. 1,472,297; Oct. 30.
Falconer, Leroy D., Bethel, Kans., assignor to E. E. Stephens, Kansas City, Mo. Tool for applying and removing tire chains. 1,456,484; May 22.
Fales, Edward D., Western Springs, assignor to Automatic Electric Company, Chicago, Ill. Measured-service telephone system. 1,466,124; Aug. 28.
Fales, Elisha N., Dayton, Ohio. Fan. 1,466,472; Aug. 28.
Falk, James W., Little Falls, Minn. Tie and clamp. 1,443,253; Jan. 23.
Falk, James W., Little Falls, Minn. Tie. 1,471,251; Oct. 16.
Falk, John L., Spokane, Wash. Fuel chute. 1,460,713; July 3.
Falk, Morris, Leominster, Mass. Dead-bolt night latch. 1,446,085; Feb. 20.
Falkenau, Arthur, assignor to Gillis & Geoghegan, New York, N. Y. Hoisting mechanism. 1,452,964; Apr. 24.
Falkenbach, Frank A. (See Cain, J. E., and Falkenbach.)
Falkenbach, Elianor. (See Cain, J. E., and Falkenbach, assignors.)
Falkenberg, Ernest R., Chicago, Ill. Drapery-supporting device. 1,456,789; May 29.
Falkiner, Edward J., Paddington, Sydney, New South Wales, Australia, assignor to The Multiplex Packeting and Filling Machine Company Limited, Wellington, New Zealand. Receptacle filling and measuring machine. 1,442,137; Jan. 16.
Falkiner, Edward J., Paddington, Sydney, New South Wales, Australia, assignor to The Multiplex Packeting and Filling Machine Company, Wellington, New Zealand. Receptacle filling and measuring machine for liquids. 1,442,138; Jan. 16.
Fall, Arthur J., Iowa Falls, Iowa. Animal trap. 1,472,210; Oct. 30.
Fallada, Frank J., Chicago, Ill. Crowning machine. 1,460,577; July 3.
Falletta, Hector, San Francisco, Calif. Disinfecting nozzle. 1,473,840; Nov. 13.
Fallier, Maurice I., assignor to The Nu-Way-Radiator Mfg. Co., Arkansas City, Kans. Radiator. 1,472,158; Oct. 30.
Fallon, Bernard J., Chicago, Ill. Guard-rail chair. 1,463,943; Aug. 7.
Falls, James M., Louisville, Ky. Container. 1,451,768; Apr. 17.
Falls, James M., Louisville, Ky. Storage vessel. 1,467,719; Sept. 11.
Falls, William A., assignor to L. A. Young Industries, Inc., Detroit, Mich. Spring construction. 1,446,453; Feb. 27.
Falor, Abram E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Fluid-conduit-coupling device. 1,461,385; July 10.
Falor, William B., Akron, Ohio. Brake-lining dressing. 1,461,386; July 10.
Falstrault, Alfred, Jersey City, N. J. Tire-chain hook. 1,466,615; Aug. 28.
Falvet, Felix E., Paris, France. High-speed tool and making the same. 1,471,252; Oct. 16.
Falvey, Eliza E., Fond du Lac, Wis. Garment. 1,454,541; May 8.
Falzer, Louis, and E. M. Webber, Chicago, Ill.; said Webber assignor to said Falzer. Hoisting machine. 1,461,650; July 10.
Fancher, Charles J. (See Johnson, R. A., and Fancher.)
Fancher, Charles J., and R. A. Johnson, Windsor, Vt., assignors to The National Acme Company, Cleveland, Ohio. Feed collet and making the same. 1,449,505; Mar. 27.
Fancher, Ray C., Utica, N. Y. Pressure regulator and cut-off for inflating tubes. 1,458,928; June 19.
Fancy, Raymond A., Watertown, Mass. Street lamp. 1,440,664; Jan. 2.
Fangel, Carl J., McAlester, Okla. Fender brace. 1,455,327; May 15.
Fanger, Fred E., Mexico, Mexico. Attachment for typewriters. 1,477,048; Dec. 11.
Fangmann, Johan. (See Althaus, H., and Fangmann.)
Fankboner, Harland. (See Walser, J. J., and Fankboner.)
Fanner Manufacturing Company, The. (See Gibson, Samuel H., assignor.)
Fanslow, Benjamin O., assignor to New Era Manufacturing Company, New York, N. Y. Check writer. 1,453,867; May 1.
Fanslow, Benjamin O., assignor to New Era Mfg. Company, New York, N. Y. Check protector. 1,469,634; Oct. 2.
Fansteel Products Co. Inc. (See Pfanstiehl, Carl, assignor.)
Fansteel Products Company. (See Balke, Clarence W., assignor.)
Fantz, Franklin E., Muncie, Ind. Automatic fishing pole. 1,464,067; Aug. 7.
Fantz, Fred C., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Barrel-painting machine. 1,449,660; Mar. 27.
Faralla, Raoul A., assignor, by mesne assignments, of one-half to C. Karft and one-half to O. Mautner, New York, N. Y. Tray for use in conjunction with the chemical cleansing of silver. 1,467,574; Sept. 11.
Farb, Axel. (See Anderson, S. F., and Farb.)
Farbenfabriken vorm. Friedr. Bayer and Co. (See Bauer, Wilhelm, assignor.)
Farbenfabriken vorm. Friedr. Bayer and Co. (See Berendes, R., and Lange, assignors.)
Farbenfabriken vorm. Friedr. Bayer and Co. (See Callsen, Jurgen, assignor.)
Farbenfabriken vorm. Friedr. Bayer and Co. (See Carstens, H., and Hansen, assignors.)
Farbenfabriken vorm. Friedr. Bayer and Co. (See Engelhartt, R., Lommel, and Ossenbeck, assignors.)
Farbenfabriken vorm. Friedr. Bayer and Co. (See Heidenreich, Carl, assignor.)
Farbenfabriken vorm. Friedr. Bayer and Co. (See Huismann, Callsen, and Grüttefien, assignors.)
Farbenfabriken vorm. Friedr. Bayer and Co. (See Kramer, E., and Zeh, assignors.)
Farbenfabriken vorm. Friedr. Bayer and Co. (See Kuhne, H., and Bencker, assignors.)
Farbenfabriken vorm. Friedr. Bayer and Co. (See Schulemann, W., Schütz, and Meisenburg, assignors.)
Farbenfabriken vorm. Friedr. Bayer and Co. (See Stüsser, Richard, assignor.)
Farbenfabriken vorm. Friedr. Bayer and Co. (See Thauss, A., and Günther, assignors.)
Farbenfabriken vorm. Friedr. Bayer and Co. (See Weyland, Hermann, assignor.)
Farber, Clayton W. (See Breyer, F. G., and Farber.)
Farber, Louis, Yonkers, N. Y. Holder for spectacles, eyeglasses, and the like. Des. 62,323; May 8.
Farberei Weidmann A.-G. (See Hanhart, Karl G., assignor.)
Farbwerke vorm. Meister Lucius & Brüning. (See Kolle, Wilhelm, assignor.)
Farbwerke vorm. Meister Lucius & Brüning. (See Sohst, Otto, assignor.)
Fardy, John A., Brooklyn, N. Y. Gas meter. 1,469,216; Oct. 2.
Farell, Patrick F. (See Harrop, W., Reilly, and Farrell.)
Fargo, Charles R., assignor to Wilson-Jones Loose Leaf Company, Chicago, Ill. Combined stand and binder and method of use. 1,453,065; Apr. 24.
Fargo, Charles R., assignor to Wilson-Jones Loose Leaf Company, Chicago, Ill. Binder-locking mechanism. 1,453,066; Apr. 24.
Fargo, Charles R., Chicago, Ill., assignor to Wilson-Jones Loose Leaf Company. Leaf upsetting and supporting device. 1,453,664; May 1.
Fargo, Charles R., assignor to Wilson-Jones Loose Leaf Co., Chicago, Ill. Loose-leaf-binder support. 1,455,524; May 15.
Fargo, Edward B., Los Angeles, Calif. Fuel saver for internal-combustion engines. 1,440,532; Jan. 2.
Fargo Foundry Company, The. (See Kinney, Arthur G., assignor.)
Farguson, William M., Brandon, Manitoba, Canada. Grain-cleaning machine. 1,440,726; Jan. 2.
Faries Manufacturing Company. (See Bowen, Michael B., assignor.)
Faries Manufacturing Company. (See Grady, William J., assignor.)
Faries, Robert, Williamsport, Pa., assignor to A. Schrader's Son, Inc., New York, N. Y. Pressure gauge. 1,451,038; Apr. 10.
Farish, William A., assignor to Buffalo Refractory Corporation, Buffalo, N. Y. Noncrystallized refractory material. 1,458,913; June 12.
Farkas, Emil N., Chicago, Ill. Mailing device. 1,467,148; Sept. 4.
Farkas, Frank F. (See Snyder, W. H., and Farkas.)
Farley, Frederick E., et al. (See Welton, William A., assignor.)

Farley, Jesse K., jr., Kenilworth, Ill. Box for candy or the like. 1,460,127; June 26.

Farley, John W., trustee. (See Tolston, Robert L., assignor.)

Farley, Newton, Lillybrook, W. Va. Miner's lamp clip and stay. 1,461,607; July 10.

Farley, William E., El Reno, Okla. Lubricator. 1,470,068; Oct. 9.

Farlow, James N., San Francisco, Calif. Theft-prevention device for automobiles. 1,453,497; May 1.

Farm Specialty Mfg. Co. (See Kaiser, Henry, assignor.)

Farmer, Albert J., Chicago, Ill. Grease gun. 1,471,330; Oct. 23.

Farmer, Carrie, Merlin, Oreg. Darning last. 1,448,797; Mar. 20.

Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Slack adjuster. 1,446,168; Feb. 20.

Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Locking-handle cock. 1,447,651; Mar. 6.

Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Cut-out-cock device. 1,447,652; Mar. 6.

Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid-pressure brake. 1,451,440; Apr. 10.

Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Car-door-control device. 1,451,441; Apr. 10.

Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Safety car-control equipment. 1,456,268; May 22.

Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automatic speed-control device. 1,456,269; May 22.

Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Triple-valve device. 1,463,039; July 24.

Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid-pressure brake. 1,465,781; Aug. 21.

Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Door and brake control equipment. 1,471,116; Oct. 16.

Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Feed-valve device. 1,473,758; Nov. 13.

Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake-valve device. 1,473,759; Nov. 13.

Farmer, Clyde C., Edgewood, assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Car-door-operating mechanism. 7,450,149; Mar. 27.

Farmer, Clyde C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Plug-in switch device. 1,464,979; Aug. 14.

Farmer, Clyde C., Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Angle-cock device. 1,471,115; Oct. 16.

Farmer, Clyde C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Speed-governing switch device. 1,477,215; Dec. 11.

Farmer, Harlin G., Garnett, Kans. Aeroplane. 1,478,211; Dec. 18.

Farmer, James, Nottingham, England. Manufacture of twist-lace net. 1,464,034; Aug. 7.

Farmer, James C., Radford, Va. Safety device. 1,466,932; Sept. 4.

Farmer, Rex L., Wilson, N. C. Game schedule. 1,442,390; Jan. 16.

Farmer, Richard. (See Millhouse, J. G., Schneider, and Farmer.)

Farmer, Robert Z., assignor to Automatic Electric Brake Company, Roseburg, Oreg. Vehicle brake. 1,464,980; Aug. 14.

Farmer, Robert Z., Portland, Oreg., assignor to Automatic Electric Brake Company. Combined hammer and rotary drill. 1,468,345; Sept. 18.

Farmer, Silas D., Herrin, Ill. Latch. 1,475,692; Nov. 27.

Farmers' Loan and Trust Company, The, executor. (See Pierce, George W.)

Farnham, Bion B., Buffalo, N. Y. Vacuum roll. 1,451,568; Apr. 10.

Farnham, Geo. O. W. (See Huenergardt, William H., assignor.)

Farnham, Leroy S. (See Worcester, S. A., Bruce, and Farnham.)

Farnham, Reginald V., Skelmorlie, Scotland. Disinfector attachment for the flushing arrangement of water-closets and the like. 1,447,289; Mar. 6.

Farnham, Reginald V., Skelmorlie, Scotland. Disinfector attachment for the flushing arrangements of water-closets and the like. 1,462,033; July 17.

Farnham, Sylvanus C. (See Brocker, Frederick C., assignor.)

Farnsworth, Arthur J., and E. M. St. Claire, assignors to W. S. Beach, San Francisco, Calif. Bag. 1,453,549; May 1.

Farnsworth, William W., Chicago, Ill. Cleaning apparatus. 1,468,467; Sept. 18.

Farnum, Leon M., Lansdowne, Pa., assignor to The S. S. White Dental Manufacturing Company. Artificial tooth. 1,454,632; May 8.

Farnum, William C., Fitchburg, Mass. Lifting jack. 1,478,111; Dec. 18.

Farnum, William C., Fitchburg, Mass. Screw-cutting machine. 1,478,851; Dec. 25.

Farquhar, Henry S., Wayne, assignor to The Baldwin Locomotive Works, Philadelphia, Pa. Air heater for fuel burners. 1,473,422; Nov. 6.

Farr, Ernest W., et al. (See Maranville, Harvey F., assignor.)

Farr, Fred D., Perry, N. Y. Handle. 1,473,028; Nov. 6.

Farr, Frederick G., New York, N. Y. Hydraulic oil-delivery system. 1,445,270; Feb. 13.

Farr, Frederick G., New York, N. Y. Controlling valve for hydraulic oil storage and distribution systems. 1,470,233; Oct. 9.

Farr, George P., Vancouver, British Columbia, Canada. Case for the display of electrical fittings. 1,450,150; Mar. 27.

Farr, Joseph E. (See Martin, John W., assignor.)

Farrand, Dudley, Newark, N. J. Exhaust silencer. 1,477,816; Dec. 18.

Farrar, B. W. (See Farrar, Carroll J., assignor.)

Farrar, Carroll J., Kirkwood, assignor of one-half to B. W. Farrar, Summerville, Ga. Apparatus for setting rule forms. 1,453,787; May 1.

Farrar, Frederick W., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Seam-rubbing machine. 1,474,350; Nov. 20.

Farrar, Jethro O., Elkton, Va. Collapsible coop. 1,472,159; Oct. 30.

Farrar, William C. (See Case, C. H., and Farrar.)

Farrel Foundry & Machine Company. (See Bowen, David R., assignor.)

Farrel Foundry and Machine Company. (See Bowen, D. R., and Schnuck, assignors.)

Farrell, A. M. (See Farrell, John J., assignor.)

Farrell, H. F. (See Batcheller, Hugh W., assignor.)

Farrell, John J., Lawrence, Mass., assignor to A. M. Farrell, Philadelphia, Pa. Locking device. 1,470,823; Oct. 16.

Farrell, Patrick H., Toledo, Ohio. Pavement. 1,467,783; Sept. 11.

Farrell, Rose C., and C. E. Coogan, assignors to E. E. Olcott, New York, N. Y. Process and product of preparing stearate of zinc for use in relieving prickly heat, etc. 1,463,881; Aug. 7.

Farren, John J. (See Dooner, James J., assignor.)

Farrer, John H., Neutral Bay, near Sydney, New South Wales, Australia. Apparatus for the manufacture of horseshoes. 1,463,012; July 24.

Farrington, Harvey, assignor of one-third to J. S. Carroll, Yonkers, N. Y. Support. 1,445,938; Feb. 20.

Farrington, John F., assignor to Western Electric Company, Incorporated, New York, N. Y. Oscillation generator for signaling systems. 1,452,032; Apr. 17.

Farrington Manufacturing Company. (See Greenwood, Oliver P., assignor.)

Farris, Grover C., Norfolk, assignor to C. R. Anderson, Ocean View, Va. Carburetor. 1,478,895; Dec. 25.

Farris, Porter C. (See Duval, A. M., and Farris.)

Farron, Elie A., Chicago, Ill. Scalp appliance. 1,444,149; Feb. 6.

Farrow, Edward S., jr. (See Donohue, J. M., and Farrow.)

Farrow, Edward S., jr., assignor to Eastman Kodak Company, Rochester, N. Y. Making alkali cellulose. 1,467,107; Sept. 4.

Farrow, Willard M., sr. (See Stocking, F. H., and Farrow.)

Farum, Elecie P., Oakland, assignor to L. Gillig and C. H. Gillig, San Francisco, Calif. Sliding-window mechanism. 1,473,928; Nov. 13.

Farver, Jonathan, Shipshewanna, Ind. Hinge. 1,467,476; Sept. 11.

Farwell, Frank A. (See Edwards, E. L., and Farwell.)

Fasci, Sebastiano, South Weymouth, Mass. Automobile signal. 1,446,169; Feb. 20.

Fasig, Mary E., Los Angeles, Calif. Machine for winding tatting shuttles. 1,448,619; Mar. 13.

Fassett, Francis K., Dayton, Ohio. Door hanger. 1,462,694; July 24.

Fate, Daisy L., executrix. (See Fate, John L.)

Fate, John L., deceased; D. L. Fate, executrix, assignor, by mesne assignments, to C. R. Gleason, Chicago, Ill. Rack for stacked containers. 1,451,146; Apr. 10.

Fatscher, George C. (See Yates, W. G., and Fatscher.)

Faubert, Victor T., J. Anekel, and C. L. Young, Amarillo, Tex. Clear-vision device. 1,473,029; Nov. 6.

Faubion, Lee N., Fairbury, Nebr. Yard meter for hemstitching machines. 1,477,049; Dec. 11.

Faulds, George D., Philadelphia, Pa. Furnace for melting metals. 1,458,283; June 12.

Faulk, George M., Ruston, La. Oven. 1,477,050; Dec. 11.

Faulkner, Arthur B., Williamsport, Pa. Automatic illuminated changeable sign. 1,444,339; Feb. 6.

Faulkner, Carl J., Dayton, Ohio. Display rack. 1,444,597; Feb. 6.

Faull, John, assignor to Johnson Automatic Sealer Co., Ltd., Battle Creek, Mich. Wrapping machine. 1,465,976; Aug. 28.

Faultless Caster Company. (See Noelting, William H., assignor.)
Faultless Caster Company. (See Smithfield, E. A., and Noelting, assignors.)
Faultless Pneumatic Tire Company. (See Dickensheet, Earle H., assignor.)
Faultless Rubber Company. (See Miller, Thomas W., assignor.)
Faunce, Ira, Racine, Wis. Saw set and clamp. 1,464,172; Aug. 7.
Faupel, Charles F., Chicago, Ill. Oiler for metal-casting machines. 1,466,125; Aug. 28.
Faurot, Joseph A. (See Wolfe, C. L., and Faurot.)
Faurot-Scope Corporation. (See Bruine, Maurice R. J., assignor.)
Fauser, Gustave M., assignor to Tingue Manufacturing Company, New York, N. Y. Woven fabric. Des. 62,215; Apr. 17.
Fauser, Gustave M., assignor to Tingue Manufacturing Company, New York, N. Y. Woven fabric. Des. 62,216; Apr. 17.
Fauser, Gustave M., assignor to Tingue Manufacturing Company, New York, N. Y. Woven fabric. Des. 62,217; Apr. 17.
Fauser, Gustave M., assignor to Tingue Manufacturing Company, New York, N. Y. Woven fabric. Des. 62,218; Apr. 17.
Fauser, Gustave M., assignor to Tingue Manufacturing Company, New York, N. Y. Woven fabric. Des. 62,219; Apr. 17.
Fauser, Gustave M., Ardsley, N. Y., assignor to The Pennsylvania Textile Mills Inc., Glen Riddle, Pa. Textile fabric. Des. 62,324; May 8.
Fauser, Gustave M., Ardsley, N. Y., assignor to The Pennsylvania Textile Mills Inc., Glen Riddle, Pa. Textile fabric. Des. 62,480; June 12.
Fauser, Gustave M., Ardsley, N. Y., assignor to The Pennsylvania Textile Mills Inc., Glen Riddle, Pa. Textile fabric. Des. 62,607; July 3.
Fauser, Gustave M., Ardsley, N. Y., assignor to The Pennsylvania Textile Mills Inc., Glen Riddle, Pa. Textile fabric. Des. 62,608; July 3.
Fauser, Gustave M., Ardsley, N. Y., assignor to The Pennsylvania Textile Mills Inc., Glen Riddle, Pa. Textile fabric. Des. 62,609; July 3.
Fauser, Gustave M., Ardsley, N. Y., assignor to The Pennsylvania Textile Mills Inc., Glen Riddle, Pa. Textile fabric. Des. 62,610; July 3.
Faust, Albert A., Detroit, Mich. Spacing appliance. 1,444,242; Feb. 6.
Faust, Casper, Oshkosh, Wis. Paper-box construction. 1,458,750; June 12.
Faust, John F., Wapakoneta, assignor to New Way Laboratories Company, Greenville, Ohio. Automatic control. 1,477,216; Dec. 11.
Faust, Levin, et al. (See Anderson, Carl L., assignor.)
Faust, Levin, et al. (See Swenson, Carl E., assignor.)
Faust, Levin, assignor of one-fourth to C. E. Swenson, one-fourth to E. S. Ekstrom, and one-fourth to C. L. Anderson, Rockford, Ill. Universal joint. 1,450,719; Apr. 3.
Faust, Levin, assignor of one-third to E. S. Ekstrom and one-third to E. Estwing, Rockford, Ill. Coupon clipper. 1,473,089; Nov. 6.
Faust, Mahlon E., Los Angeles, Calif. Treating garbage. 1,440,727; Jan. 2.
Faust, Roy C., Deary, Idaho. Rotary toothbrush. 1,450,542; Apr. 3.
Faustini, Quinto, Cleveland, Ohio. Scrubbing machine. 1,455,746; May 15.
Favary, Ethelbert, New York, N. Y. Resilient tire. 1,457,512; June 5.
Fawell, Joseph E., Pittsburgh, Pa. Rolling mill. 1,478,992; Dec. 25.
Fawell, Joseph E., assignor to Mackintosh-Hemphill Company, Pittsburgh, Pa. Rolling mill. 1,442,025; Jan. 9.
Fawick, Thomas L., assignor to Twin Disc Clutch Company, Racine, Wis. Friction clutch. 1,464,173; Aug. 7.
Fay, Albert E., et al. (See Johnson, Alvin L., assignor.)
Fay, Albert H., Washington, D. C. Headlight deflector. 1,446,891; Feb. 27.
Fay, Albert H., Washington, D. C. Headlight. 1,446,892; Feb. 27.
Fay, Carl J., Mansfield, Ohio, assignor to Westinghouse Electric Products Company. Inclosed range-heating unit. 1,475,760; Nov. 27.
Fay, Edward F., assignor to Foster, Merriam and Company, Meriden, Conn. Caster. 1,458,812; June 12.
Fay, J. A., & Egan Company. (See Hirst, James E., assignor.)
Fay, John L., St. Louis, Mo. Chassis lubricating and cleaning system. 1,451,388; Apr. 10.
Fay, Joseph W., Milwaukee, Wis. Key. 1,444,963; Feb. 13.
Fay, Joseph W., Milwaukee, Wis., assignor to Seamweld Equipment Company. Electric-arc-welding machine. 1,446,170; Feb. 20.
Fay, Joseph W., Milwaukee, Wis., assignor to Fred Pabst Company. Welded joint. 1,453,343; May 1.
Fay, Joseph W., Milwaukee, Wis., assignor to Fred Pabst Company. Electric welding machine. 1,457,513; June 5.
Fay, Richard D., Nahant, and F. R. Shaw, East Bridgewater, assignors, by mesne assignments, to Hayes-Fay Laboratories, Inc., Boston, Mass. Means for attaching flexible labels to the ends of boards. 1,477,336; Dec. 11.
Fay, Thomas J., Brooklyn, N. Y. Automobile body-motion stabilizer. 1,453,344; May 1.
Fayer, Charles, New York, N. Y., assignor to Wappler Electric Company, Inc. Coil-winding machine. 1,449,898; Mar. 27.
Fayer, Charles, New York, N. Y., assignor to Wappler Electric Co., Inc. Current regulator for X-ray systems. 1,453,314; May 1.
Fayle, William H., Malden, Mass. Display stand or similar article. Des. 62,816; Aug. 7.
Fearheiley, Fred F. (See Altz, H. G., and Fearheiley.)
Fearn, John W., Birmingham, England. Automatic pistol and other small arm. 1,461,387; July 10.
Feasler, George J., Baltimore, Md., assignor to Wright's Automatic Tobacco Packing Machine Company, Durham, N. C. Tobacco-measuring machine. 1,469,635; Oct. 2.
Feaster, Edward B. (See Sahlin, Henry, assignor.)
Feaster, Edward B., Lowell, assignor to Saco-Lowell Shops, Boston, Mass. Twisting ring. 1,474,959; Nov. 20.
Featherstone, Chase C. (See Whipple, R. L., Rockwell, and Featherstone.)
Fecarotta, Jack. (See Di Trapani, S., and Fecarotta.)
Fechner, Ernest O. (See Richman, C. S., and Fechner.)
Fedderman, George C. (See Blakely, W. W., and Fedderman.)
Feddern, Carl O., assignor to Globe Ticket Company, Philadelphia, Pa. Ticket-issuing machine. 1,441,976; Jan. 9.
Feddern, Carl, assignor to Globe Ticket Company, Philadelphia, Pa. Check holder. 1,462,448; July 17.
Feddern, Carl O., Germantown, Pa., assignor to Globe Ticket Company, Philadelphia, Pa. Ticket-issuing machine. 1,465,121; Aug. 14.
Fedders, John M., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Radiator. 1,454,432; May 8.
Fedders Manufacturing Company. (See Fedders, John M., assignor.)
Feden, Lars S., Sandpoint, Idaho. Automobile sleigh attachment. 1,449,036; Mar. 20.
Feder, David P. (See Kimball, Matthew D., assignor.)
Feder, Louis H., assignor of one-half to R. S. Bondy, Cleveland, Ohio. Curtain-supporting means for automobile doors. 1,451,147; Apr. 10.
Feder, Milton, Oakland, Calif., assignor to Federal System of Bakeries of America, Inc., Davenport, Iowa. Baking oven. 1,466,473; Aug. 28.
Feder, Tobias M., New York, N. Y. Liquid-level indicator. 1,476,289; Dec. 4.
Federal Electric Company. (See White, Bruce C., assignor.)
Federal Finance Corporation. (See Choate, William E., assignor.)
Federal Generator Association. (See Anderson, Virgil C., assignor.)
Federal Machine & Welder Company, The. (See Townsend, Arthur J., assignor.)
Federal Malleable Company. (See MacNeill, William J., assignor.)
Federal Motor Truck Company. (See Winans, Earl N., assignor.)
Federal Phosphorus Company. (See Klugh, Bethune G., assignor.)
Federal Porcelain Company. (See Case, Francis M., assignor.)
Federal Products Company, The. (See Coates, Frederick, assignor.)
Federal Signal Company. (See Hailes, William D., assignor.)
Federal Signal Company. (See Kelly, John F., assignor.)
Federal Stamping Company. (See De Glopper, John, assignor.)
Federal Stamping Company. (See Olinger, Thomas, assignor.)
Federal Steel Sash Company. (See Nesheim, Anders H., assignor.)
Federal System of Bakeries of America, Inc. (See Feder, Milton, assignor.)
Federal Telegraph Company. (See Fuller, Leonard F., assignor.)
Federal Telegraph Company. (See McCaa, David G., assignor.)
Federicci, Albert, Paterson, N. J., assignor to H. C. Neuberger, New York, N. Y. Apparatus for molding cement blocks. 1,462,569; July 24.
Federwitz, Theodore A. (See Nitsch, C. H., and Federwitz.)
Fedoryszak, Peter, Wallingford, Pa. Flying machine. 1,464,356; Aug. 7.
Fedun, Theodore, Detroit, Mich. Roller skate. 1,466,824; Sept. 4.
Feely, Thomas J., Duluth, assignor of one-half to M. Elliott, Virginia, Minn. Draft appliance for stovepipes. 1,442,561; Jan. 16.
Feese, Elmer L., Plevna, Kans. Adjustable bearing. 1,455,328; May 15.

Fegely, John P., and J. H. Newhard, Allentown, Pa. Workholder. 1,442,932; Jan. 23.
Fegley, Thomas J., and G. O. Leopold, assignors to North Bro's M'f'g Co., Philadelphia, Pa. Hand brace. 1,473,423; Nov. 6.
Fegley, Thomas J., and G. O. Leopold, assignors to North Bro's M'f'g Co., Philadelphia, Pa. Spiral tool. 1,477,337; Dec. 11.
Fegley, Thomas J., and G. O. Leopold, assignors to North Bro's M'f'g Co., Philadelphia, Pa. Ratchet mechanism. 1,478,212; Dec. 18.
Fehnel, Elmer T. (See Chriswell, F. W., and Fehnel.)
Fehrenbach, Reinhold, Westville, assignor to Welsbach Company, Gloucester City, N. J. Heater and the like. 1,456,725; May 29.
Feige, Adolph E., assignor to Universal Industrial Corporation, Hackensack, N. J. Display stand for hose clamps. Des. 62,669; July 17.
Feigelman, Herman A., Paterson, N. J., assignor to D. L. Fleisher, Brooklyn, N. Y. Folding paper box. 1,471,478; Oct. 23.
Feigen, John, Indianapolis, Ind. Insulation. 1,440,978; Jan. 2.
Feigenbaum, Joseph, assignor to Safety Concrete Incinerator Co., Inc., Los Angeles, Calif. Incinerator. 1,477,638; Dec. 18.
Feil, John G., Blackstone, Va. Vehicle wheel. 1,461,978; July 17.
Feinberg, Arthur, New York, N. Y. Stress-precluding attachment for artificial dentures. 1,446,742; Feb. 27.
Feinberg, Maurice M., New York, N. Y. Sign. Des. 63,100; Oct. 2.
Feinberg, Sidney, New York, N. Y. Automobile mirror bracket and joint. 1,465,213; Aug. 14.
Feinberg, William S., Chicago, Ill. Breathing apparatus for swimmers. 1,445,010; Feb. 13.
Feist, Charles M., Sioux City, Iowa. Holder for bottles or containers. 1,449,275; Mar. 20.
Feist, Herman C., Rowena, Tex. Automatic signal-operating device for mail boxes. 1,456,543; May 29.
Feist, John A., et al. (See McCormick, Charles M., assignor.)
Feist, Max H., Toutle, Wash. Spindle-adjuster model. 1,442,139; Jan. 16.
Fekete, Stephen I., and S. G. Baits, assignors to Essex Motors, Detroit, Mich. Internal-combustion engine. 1,457,695; June 5.
Felch, Theodore K. (See Gibbons, R. C., and Felch.)
Feldbush, Harry, Cincinnati, Ohio, assignor to Worthington Pump and Machinery Corporation. Control valve for compressors. 1,441,840; Jan. 9.
Feldenheimer, William, and W. W. Plowman, London, England. Treatment of clay. 1,447,973; Mar. 13.
Feldenheimer, William, London, W. W. Plowman, East Sheen, and V. Schidrowitz, London, England. Manufacture of rubber. 1,458,693; June 12.
Feldkamp, Frederick A., Newark, N. J. Fuse cartridge. 1,464,902; Aug. 14.
Feldkamp, Frederick A., Newark, N. J. Electric fuse. 1,464,903; Aug. 14.
Feldkamp, Frederick A., Newark, N. J. Electric-fuse element. 1,473,284; Nov. 6.
Feldkamp, Frederick A., Newark, N. J. Fuse cartridge. 1,474,146; Nov. 13.
Feldman, Abraham G., Chicago, Ill. Bracket. 1,453,788; May 1.
Feldman, Frank J. (See Reed, Lester C., assignor.)
Feldman, Harold B., assignor to Arden Mills, Inc., New York, N. Y. Textile fabric. Des. 62,397; May 22.
Feldman, Harold B., assignor to Arden Mills, Inc., New York, N. Y. Textile fabric. Des. 62,567; June 26.
Feldman, Louis. (See Anderson, C. E., and Feldman.)
Feldman, Morris, Los Angeles, Calif. Clothes rack. 1,464,904; Aug. 14.
Feldman, Otto W., St. Louis, Mo. Combination faucet and drinking fountain. 1,446,845; Feb. 27.
Feldmeier, Harvey, assignor to D. H. Burrell & Co., Inc., Little Falls, N. Y. Centrifugal separator. 1,461,031; July 10.
Feldpausch, Charles. (See Gibbs, W. T., and Feldpausch.)
Feldstein Bros. & Co. (See Smith, Joseph, and R., assignors.)
Feldstein, Max, Chicago, Ill. Container cap. 1,476,700; Dec. 11.
Felix, Frank L. (See Frame, Archie J., assignor.)
Feliz, Joseph S., Concepcion, Calif. Oil-well pump. 1,477,217; Dec. 11.
Fell, Elwood R., assignor to H. J. Fiet, Philadelphia, Pa. Steering mechanism. 1,471,553; Oct. 23.
Fellabaum, Newton, Sperry, Okla. Pipe tongs. 1,465,813; Aug. 21.
Fellabaum, Newton, Sperry, Okla. Double-acting oil and water pump. 1,468,199; Sept. 18.
Fellay, Louis J., Peoria, Ill. Traction wheel. 1,455,869; May 22.
Feller, Allen J., and J. O. Watters, Duchesne, Utah. Spring-bending machine. 1,449,813; Mar. 27.
Fellowes, Harry L., assignor to Bankers Box Company, Chicago, Ill. Foldable box and blank therefor. Re. 15,532; Jan. 23.
Fellows, Edwin R. (See Stubbs, E., and Fellows.)
Fellows, Edwin R., assignor to The Fellows Gear Shaper Company, Springfield, Vt. High-speed gear-generating machine. 1,463,806; Aug. 7.
Fellows, Edwin R., assignor to The Fellows Gear Shaper Company, Springfield, Vt. High-speed gear shaper. 1,478,472; Dec. 25.
Fellows Gear Shaper Company, The. (See Fellows, Edwin R., assignor.)
Fellows Gear Shaper Company, The. (See Miller, Edward W., assignor.)
Fellows Gear Shaper Company, The. (See Stubbs, E., and Fellows, assignors.)
Fellows, Perry E., Rochester, N. Y. Connecting link. 1,478,003; Dec. 18.
Fellroth, Erick O., assignor of one-third to F. N. Hegg and one-third to C. I. Lindskoog, Minneapolis, Minn. Machine for cutting tires into transverse sections. 1,462,197; July 17.
Fellroth, Erick O., assignor of one-third to F. N. Hegg and one-third to C. I. Lindskoog, Minneapolis, Minn. Tire gauge cutter. 1,462,198; July 17.
Felske, Gustave H., Cleveland, Ohio. Universal taper protractor. 1,453,067; Apr. 24.
Felt & Tarrant Mfg. Company. (See Turck, Joseph A. V., assignor.)
Felten, Abram V., Danbury, Conn. Retaining ring for receptacle closures. 1,449,276; Mar. 20.
Felten, Abram V., assignor to The New England Metal Barrel Corporation, Danbury, Conn. Machine for making retaining rings for receptacle closures. 1,459,660; June 19.
Felten, Abram V., assignor to The New England Metal Barrel Corporation, Danbury, Conn. Machine for shaping cylinders. 1,463,073; July 24.
Felton, Augustus C., jr., Macon, Ga. Crematory. 1,462,230; July 17.
Felton, James A., Plainfield, N. J. Can opener. 1,474,466; Nov. 20.
Felton, Joseph A., Atlanta, Ga. Plumbing system. 1,459,585; June 19.
Felty, Walter D. (See Mulford, H. V., and Felty.)
Fenby, Edgar B., Leamington Spa, England. Machine for use in the manufacture of linen collars and the like. 1,452,111; Apr. 17.
Fendagard Corporation. (See Forer, Morris, assignor.)
Fender, John B., Kaufman, Tex. Well drill. 1,475,060; Nov. 20.
Fendring, Harry E., Los Angeles, Calif. Gas furnace. 1,454,963; May 15.
Fenlason, Orin C., Portland, Oreg. Variable feed for veneer jointers and the like. 1,440,383; Jan. 2.
Fenlon, Michael J., assignor of one-half to A. A. Bianchi, Worcester, Mass. Emergency-brake lock. 1,440,823; Jan. 2.
Fenn, Ray, Providence, assignor to Hemphill Company, Central Falls, R. I. Inturned-welt-knitting machine. 1,459,446; June 19.
Fenn, Thomas H., assignor of one-half to T. Foulkes, Cleveland, Ohio. Electric-conductor coupling. 1,451,979; Apr. 17.
Fennell, Harry, Everett, Mass. Bifocal lens. 1,441,565; Jan. 9.
Fennell, Harry, Everett, Mass. Making bifocal lenses. 1,441,566; Jan. 9.
Fennell, Thomas. (See Shockey, H. C., and Fennell.)
Fenner, George E., Oxford, Wis. Artificial bait. 1,466,616; Aug. 28.
Fenselau, Frederick, and G. W. Thompson, Detroit, Mich. Washing machine. 1,462,854; July 24.
Fenton, John, Columbus, Ohio. Lady's boot. 1,464,981; Aug. 14.
Fenton, Oscar T., Hightstown, N. J. Safety catch. 1,459,526; June 19.
Fenton, William T., et al., trustees. (See Stephenson, Leigh J., assignor.)
Fenzel, Albert S., et al. (See Waite, Jackson L., assignor.)
Fenzel, Casper, et al. (See Waite, Jackson L., assignor.)
Ferdinand, John E., jr., et al. (See Simonton, Frank H., assignor.)
Ferency, Steve, Canton, Ohio. Combined note holder and cap remover for bottles. 1,478,896; Dec. 25.
Ferencz, José, Curityba, Parana, Brazil. Roller-grinding machine. 1,475,693; Nov. 27.
Fergus, Hollister G., Chicago, Ill. Crate for loading and unloading brick and like materials. 1,456,975; May 29.
Ferguson, Albert G. H. and M. J., Ascot Vale, Australia. Machine for manufacturing metal pipes. 1,442,869; Jan. 23.
Ferguson, Andrew, Seattle, Wash. Amalgamator. 1,476,808; Dec. 11.
Ferguson Brothers Manufacturing Company. (See Ferguson, Louis, assignor.)
Ferguson Brothers Manufacturing Company. (See Hanley, William, assignor.)
Ferguson Brothers Mfg. Co. (See Wagner, Andrew, assignor.)
Ferguson, Charles H., Valhalla, N. Y., assignor to Home Electric Lighting Company, East Orange, N. J. Internal-combustion engine. 1,474,467; Nov. 20.
Ferguson, Clarence J., Casper, Wyo. Talking-machine-needle holder. 1,475,227; Nov. 27.

Ferguson, Clayton C., Jersey City, N. J. Signal device. 1,469,636; Oct. 2.
Ferguson, David, and A. T. Scheiwer, assignors to Accurate Tool Works, Erie, Pa. Shear grinder. 1,444,598; Feb. 6.
Ferguson, David W., Harrold, S. Dak. Trace holder. 1,450,495; Apr. 3.
Ferguson, Donald. Chatfield, Minn. Can closure. 1,448,589; Mar. 13.
Ferguson, Edward E., Portsmouth, assignor of one-half to C. Van Fleming, Norfolk, Va. Fire-alarm hydrant. 1,443,254; Jan. 23.
Ferguson Furnace Company. (See Bluemel, Gustave, assignor.)
Ferguson, George, Wollaston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of rubber soles. 1,447,239; Mar. 6.
Ferguson, George, Wollaston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Rubber sole. 1,454,885; May 15.
Ferguson, George, assignor to Apeldoornsche Machinefabriek en Melaalgieterij Voorheen Loog Landaal, Apeldoorn, Netherlands. Refrigerating system. 1,455,580; May 15.
Ferguson, Harry, Belfast, Ireland. Means for coupling agricultural implements. 1,464,130; Aug. 7.
Ferguson, John E. (See Whitmore, J. B., and Ferguson.)
Ferguson, John H., Dayton, Ohio. Mechanism for holding saws. 1,442,471; Jan. 16.
Ferguson, Joseph B., Newark, N. J. Vehicle. 1,453,345; May 1.
Ferguson, Louis, New York, N. Y., assignor to Ferguson Brothers Manufacturing Company, Hoboken, N. J. Folding table. 1,478,004; Dec. 18.
Ferguson, Mephan J. (See Ferguson, Albert G. H. and M. J.)
Ferguson, Milford B. (See Haas, Edward, assignor.)
Ferguson, Milford B., and E. Haas, Brooklyn, N. Y. Label-affixing apparatus. 1,452,830; Apr. 24.
Ferguson, Samuel W., Washington, D. C. Change-speed mechanism. 1,458,400; June 12.
Ferguson, William E., Louisville, Ky. Rivet holder. 1,450,414; Apr. 3.
Ferguson, William E., Orange Cove, Calif. Tractor attachment for using digging tools at its side. 1,442,562; Jan. 16.
Ferguson, William T., Beckley, W. Va. Mine door. 1,446,340; Feb. 20.
Fergusson, Alan R., Buffalo, N. Y. Toy railway. 1,452,370; Apr. 17.
Fergusson, Alan R., Buffalo, N. Y. Automobile hand signaling device. 1,457,023; May 29.
Fergusson, Alan R., Buffalo, N. Y. Toy railway. 1,457,771; June 5.
Ferm, Peter L., Kansas City, Mo. Fountain brush. 1,459,021; June 19.
Fermanian, Mark B., Troy, N. Y. Time-controlled draft regulator. 1,453,929; May 1.
Fer-Mil-Lac Process Company. (See Clark, Arthur B., assignor.)
Fern, Anthony, P., Dunkirk, N. Y. Music-leaf turner. 1,443,120; Jan. 23.
Fern, John A., Cincinnati, Ohio. Talking machine. 1,447,343; Mar. 6.
Fernald, Adelbert, Boston, Mass. Orthodontic appliance. 1,471,785; Oct. 23.
Fernan, Matthew D. (See Sweet, M. A., and Fernan.)
Fernandes, Antonio, Kansas City, Mo. Breath mask. 1,463,390; July 31.
Fernandez, José V., and C. Leblanc, Habana, Cuba. Tank truck. 1,443,017; Jan. 23.
Fernekes, Irvin J., Chicago, Ill. Railway switch and rail. 1,459,022; June 19.
Ferngren, Enoch T., and L. D. Soubier, assignors to The Owens Bottle Company, Toledo, Ohio. Glass-cutting mechanism. 1,453,315; May 1.
Fernholtz, Frederick W., Los Angeles, Calif. Dies. 1,448,339; Mar. 13.
Fernow, Bernhard E., jr., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Electromagnetic brake. 1,474,960; Nov. 20.
Ferodo Limited. (See Frood, Herbert, assignor.)
Ferrara, Vincent, Watertown, S. Dak. Apparatus for drying clothes. 1,452,496; Apr. 24.
Ferrari, Fabio, assignor to The Company Bombrini Parodi-Delfino, Rome, Italy. Manufacture of cement mixtures. 1,444,309; Feb. 6.
Ferrari, Lorenzo, Oakland, Calif. Aeroplane. 1,470,275; Oct. 9.
Ferreby, Rolla B., administrator. (See Barker, Wendell A.)
Ferrell, Garland P., Wichita, Kans. Typographical method and apparatus. 1,448,620; Mar. 13.
Ferrell, Ida A., Staunton, Ind. Paint and varnish removing composition. 1,449,388; Mar. 27.
Ferrer, Maxime P., Brooklyn, N. Y. Pump. 1,457,220; May 29.
Ferreri, Cesare. (See Albano, Ernesto, assignor.)
Ferrero, John, Angels Camp, Calif. Adjustable platform. 1,474,249; Nov. 13.
Ferres, Jeffrey T., Los Angeles, Calif. Shock absorber. 1,445,615; Feb. 13.
Ferriday, Robert, Cleveland, Ohio. Garter. 1,478,783; Dec. 25.
Ferril, Warham. (See Woodson, A. B., and Ferril.)
Ferriot, John F., Reserve, La. Apparatus for measuring liquids. 1,448.266; Mar. 13.
Ferris, Charles W. (See Eberman, S. R., and Ferris.)
Ferris, Frank E., Detroit, Mich., assignor to Societe du Carburateur, Lyon, France. Stop lever. 1,472,000; Oct. 23.
Ferris, Frank P., Lincoln, Nebr. Musical whistle. 1,443,569; Jan. 30.
Ferris, Henry L., assignor to Hunt, Helm, Ferris & Company, Harvard, Ill. Litter carrier. 1,448,394; Mar. 13.
Ferris, Henry L., assignor to Hunt, Helm, Ferris & Company, Harvard, Ill. Hay carrier. 1,449,899; Mar. 27.
Ferris, Henry L., assignor to Hunt, Helm, Ferris & Company, Harvard, Ill. Track hanger. 1,464,982; Aug. 14.
Ferris, Howard J., assignor to Hunt, Helm, Ferris & Company, Harvard, Ill. Animal pen. 1,441,724; Jan. 9.
Ferris, Howard J., assignor to Hunt, Helm, Ferris & Company, Harvard, Ill. Animal pen. 1,445,307; Feb. 13.
Ferris, Howard J., Harvard, Ill. Wheel for coaster wagons. 1,459,527; June 19.
Ferris, Howard J., assignor to Hunt, Helm, Ferris & Company, Harvard, Ill. Rubber-tired wheel. 1,466,210; Aug. 28.
Ferris, Jesse L., Fort Dodge, Iowa. Thermostatic valve. 1,458,813; June 12.
Ferris, Nunez C., assignor to E. F. Boyle, Brooklyn, N. Y. Apparatus for winding music rolls. 1,452,965; Apr. 24.
Ferris, Philomene, Westwood, Calif. Nursing-bottle cover. 1,458,041; June 5.
Ferris, Walter, assignor to Bucyrus Company, South Milwaukee, Wis. Rope thrusting shovel. 1,443,353; Jan. 30.
Ferris, Walter, Milwaukee, assignor to Bucyrus Company, South Milwaukee, Wis. Drum or screen drive and supporting means. 1.476,702; Dec. 11.
Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Broaching machine. 1,468,595; Sept. 18.
Ferris, Walter, Milwaukee, and S. R. W. M. Bager, South Milwaukee, assignors to Bucyrus Company Milwaukee, Wis. Rope-thrusting shovel. 1,457,301; June 5.
Ferro Chemicals, Inc. (See Franchot, R., and McElroy, assignors.)
Ferro Chemicals Inc. (See McElroy, Karl P., assignor.)
Ferrodesherbeuse Scheuchzer Societe Anonyme. (See Scheuchzer, Auguste, assignor.)
Ferry, Gilbert E., Omaha, Nebr. Erasing attachment for pencils. 1,473,090; Nov. 6.
Ferry, Thomas, Cleveland, Ohio. Fastening device. 1.450,583; Apr. 3.
Ferry, Thomas F., Cleveland, Ohio. Dowel fastening. 1,476,501; Dec. 4.
Fersdahl, Henry J., Renner, S. Dak. Hay loader. 1.473,614; Nov. 13.
Fescharek, Frederick F., North Bergen, N. J. Support for porthole lights and covers. 1,444,177; Feb. 6.
Fesenmaier, Hugo P., Morton, Minn. Intake manifold for internal-combustion engines. 1,459,724; June 26.
Fesler, Douglas F., Chicago, Ill., assignor to The Bassick Manufacturing Company. Lubricating device. 1,441,334; Jan. 9.
Fesler, Douglas F., assignor to The Bassick Manufacturing Company, Chicago, Ill. Lubricating device. 1,441,335; Jan. 9.
Fesler, Douglas F., assignor to The Bassick Manufacturing Company, Chicago, Ill. Lubricating device. 1,454,922; May 15.
Fesler, Douglas F., Evanston, assignor to The Bassick Manufacturing Company, Chicago, Ill. Lubricating means. 1.477,252; Dec. 11.
Fesler, Milton A., Oakland, Calif., assignor to Petroleum Heat and Power Company. Liquid-fuel burner. 1,445,826; Feb. 20.
Fesler, Milton A., Oakland, Calif., assignor to Petroleum Heat and Power Company. Burner. 1,445,827; Feb. 20.
Fesler, Milton A., Oakland, Calif., assignor to Petroleum Heat and Power Company. Burner. 1,445,828; Feb. 20.
Fesler, Milton A., Oakland, Calif., assignor to Petroleum Heat and Power Company. Diaphragm device. 1,461,086; July 10.
Fessenden, Reginald A., Brookline, Mass., assignor to Submarine Signal Company, Portland, Me. Acoustic method and apparatus. 1,453,316; May 1.
Fessenden, Reginald A., Chestnut Hill, Mass., assignor to Submarine Signal Company, Portland, Me. Eliminating undesired impulses. 1,473,179; Nov. 6.
Fessenden, Reginald A., Brookline, R. L. Williams, Newton, and E. C. Wood, Somerville, Mass., assignors to Submarine Signal Company, Portland, Me. Directional receiving of submarine signals. 1,472,558; Oct. 30.
Fessler, Albert, High Bridge, N. J. Dust cap for tire valves and the like. 1,472,160; Oct. 30.
Fest, Adolph D., Chicago, Ill. Method for commercially obtaining water-soluble milk albumen and milk sugar. 1,444,178; Feb. 6.
Festa, Alfred, Paris, France. Furnace. 1,462,540; July 24.
Festa, John, Brooklyn, N. Y. Gas burner. 1,462,331; July 17.
Fétaz, Henry, Paris, France. Machine for the manufacture of bread rolls. 1,454,672; May 8.

Feth, William, Lima, Ohio. Mop holder. 1,475,479; Nov. 27.
Fether, George A., El Dorado, Pa. Nut and bolt lock. 1,451,014; Apr. 10.
Fetner, Stephen R., Albany, Ga. Sash fastener. 1,462,637; July 24.
Fette, Anthony A., Cincinnati, Ohio. Linking machine. 1,444,868; Feb. 13.
Fetterly, John F. (See Langenberg, F. C., and Fetterly.)
Fetters, Charles A., assignor to Xlent Company, Washington, D. C. Reversible sign. 1,478,511; Dec. 25.
Fetzer, Louis W., Findlay, assignor to The Traction Machine Company, North Baltimore, Ohio. Attachment for pipe-pulling machines. 1,455,999; May 22.
Feucht, Christian G., Brooklyn, N. Y. Roller coaster. 1,440,586; Jan. 2.
Feucht, Christian G., Brooklyn, N. Y. Safety device for roller coasters. 1,440,587; Jan. 2.
Feucht, Christian G., Brooklyn, N. Y. Roller-coaster running gear. 1,440,588; Jan. 2.
Feuillette, Emile, Boulogne-sur-Seine, France. House construction. 1,454,110; May 8.
Feuser, Arthur C. (See Feuser, Conrad and A. C.)
Feuser, Conrad and A. C., Bloomfield, N. J.; said A. C. Feuser assignor to said Conrad Feuser. Radiator air valve. 1,464,756; Aug. 14.
Feust, Arthur, New York, N. Y. Triturating member. 1,464,700; Aug. 14.
Fey, Frank E., Seattle, Wash., assignor of one-half to E. A. Balsley, Chicago, Ill. Container. 1,457,155; May 29.
Feybusch, Martin, New York, and S. Severson, Brooklyn, N. Y., assignors to New Jersey Machine Corporation, Hoboken, N. J. Box-making machine. 1,468,146; Sept. 18.
Feybusch, Martin, New York, N. Y., and P. W. Fleischer, Weehawken, assignors to New Jersey Machine Corporation, Hoboken, N. J. Machine for wrapping boxes. 1,475,694; Nov. 27.
Fiala, Joseph S., Chicago, Ill. Laundry stand. 1,477,253; Dec. 11.
Fiala, Rudolph M., Howell, Nebr. Concrete monument form. 1,444,179; Feb. 6.
Fiber Making Processes. (See Guettler, Herbert, assignor.)
Fibre Can Corporation. (See Ford, Ben K., assignor.)
Fibre Container Company. (See Bryson, Walter D., assignor.)
Fibre Container Company. (See Walter, Harrison B., assignor.)
Fibre Corporation Limited. (See Michot, Georges, assignor.)
Fick, Frank W., Amsterdam, N. Y. Spring-mounting implement. 1,450,069; Mar. 27.
Fick, Henry, Menominee, Mich. Carrying harness. 1,473,477; Nov. 6.
Fidelity Electric Company, The. (See Banzhof, Charles P., assignor.)
Fiedler, Gustav, New York, N. Y. Smoker's tray. Des. 63,461; Dec. 11.
Fiedler, Louis, assignor to Benjamin Gross Company, Inc., New York, N. Y. Finger ring or article of similar nature. Des. 63,130; Oct. 16.
Fiek, Walter H., New York, N. Y., assignor to The Rosenthal China Corporation. Plate or similar article. Des. 63,131; Oct. 16.
Fiek, Walter H., New York, N. Y., assignor to The Rosenthal China Corporation. Plate or similar article. Des. 63,132; Oct. 16.
Field, Alan D., Oakland, assignor to The Field-Ernst Envelope Co., San Francisco, Calif. Envelope. 1,453,758; May 1.
Field, Albert H., New York, N. Y. Coin case. 1,447,974; Mar. 13.
Field, Crosby, Yonkers, assignor to Chemical Machinery Corporation, New York, N. Y. Apparatus for transferring heat. 1,451,901; Apr. 17.
Field, Crosby, assignor to Chemical Machinery Corporation, New York, N. Y. Separating a brittle product from a base. 1,451,902; Apr. 17.
Field, Crosby, Yonkers, assignor to Chemical Machinery Corporation, New York, N. Y. Heat-transferring apparatus. 1,451,903; Apr. 17.
Field, Crosby, Yonkers, assignor to Chemical Machinery Corporation, New York, N. Y. Heat-transferring apparatus. 1,451,904; Apr. 17.
Field, Crosby, Yonkers, assignor to Chemical Machinery Corporation, New York, N. Y. Agitator. 1,452,966; Apr. 24.
Field, Eligah H., and W. H. Holman, Buford, Ga. Machine for exterminating insects. 1,468,230; Sept. 18.
Field-Ernest Envelope Co., The. (See Field, Alan D., assignor.)
Field, James P., Detroit, Mich. Steering-gear-centering device. 1,441,148; Jan. 2.
Field, James P., Detroit, Mich. Timer. 1,449,740; Mar. 27.
Field, John T., Pocatello, Idaho. Typewriter. 1,441,917; Jan. 9.
Field, Joseph C., Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Signaling system. 1,478,005; Dec. 18.
Field, Joseph C., East Orange, N. J., and C. J. McCarthy, Elmhurst, assignors to Western Electric Company, Incorporated, New York, N. Y. Signaling system. 1,464,090; Aug. 7.
Field, Leon A. (See Lawrence, G. L., jr., and Field.)
Field, Michael B., Glasgow, Scotland, assignor to Pneumercator Company, New York, N. Y. Gauge. 1,466,359; Aug. 28.
Field, Millard F., Winthrop, Mass. Detecting mechanism. 1,454,111; May 8.
Field, Sjonne, Chicago, Ill. Stepladder. 1,463,649; July 31.
Field, William A., assignor to Wm. A. Field Company, Chicago, Ill. Jig saw. 1,467,720; Sept. 11.
Field, Willis E., Grand Rapids, Mich. Drinking-glass-filler fixture. 1,442,140; Jan. 16.
Field, Willis E., Grand Rapids, Mich. Bowl connection for drinking fountains and the like. 1,464,927; Aug. 14.
Field, Wm. A., Company. (See Field, William A., assignor.)
Fieldhouse, James H. (See Pope, H. C., and Fieldhouse.)
Fielding, Philip H., South Norwalk, Conn. Timer cover. 1,464,757; Aug. 14.
Fields, Elmer F. (See Fields, Russell C. and E. F.)
Fields, Gordon B., Jacksonville, Fla. Type-slug-casting apparatus. 1,471,253; Oct. 16.
Fields, James T., and D. E. Ryan, Mason City, Ill. Rail driver. 1,446,696; Feb. 27.
Fields, Joe, Clendenin, W. Va. Pipe wrench. 1,445,761; Feb. 20.
Fields, Russell C. and E. F., Pipestone, Minn. Rotatable seesaw. 1,465,662; Aug. 21.
Fierheller, George, Toronto, Ontario, Canada. Bath sponge. 1,455,870; May 22.
Flet, Harvey J. (See Fell, Elwood R., assignor.)
Fifer, Harvey, Deer Lodge, Mont. Rim constricting and expanding device. 1,460,319; June 26.
Fifield, Albert F., Newark, N. J., assignor to The Singer Manufacturing Company. Thread-cutting mechanism for sewing machines. 1,442,141; Jan. 16.
Fifield, Albert F., Newark, N. J., assignor to The Singer Manufacturing Company. Sewing machine. 1,447,941; Mar. 6.
Fifield, Albert F., Newark, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Thread-controlling device. 1,452,033; Apr. 17.
Fifield, George H., Culver, assignor to Standard Oil Company, Whiting, Ind. Filtration. 1,455,436; May 15.
Fightmaster, Omer, San Francisco, Calif. Automobile headlight. 1,475,480; Nov. 27.
Figley, Earl H. (See Phillips, G., and Hanlon, assignors.)
Fike, Joseph L., Shelby, assignor to The Burch Plow Works Company, Crestline, Ohio. Stone spreader. 1,470,157; Oct. 9.
Fike, Oliver P., assignor of one-half to E. M. Hoppenberg, Findlay, Ohio. Conveyer. 1,450,952; Apr. 10.
Filbrick, Harry M., Buffalo, N. Y. Sash fastener. 1,450,151; Mar. 27.
Filby, James C. (See Yoders, I. G., and Filby.)
Filipache, Elsie, New York, N. Y. Folding infant's bathtub. 1,442,391; Jan. 16.
Filipowski, Wladyslav, Chicago, Ill. Fishhook. 1,450,798; Apr. 3.
Filkorn, Charles A. (See Vajk, Joseph, assignor.)
Fillkwik Company. (See Dahlgren, Leonard, assignor.)
Filson, Seaman D., Cleveland, Ohio. Refacing tool. 1,449,977; Mar. 27.
Finch, Evander M., assignor of one-half to J. H. McCarthy, Whitehall, N. Y. Child's vehicle. 1,464,414; Aug. 7.
Finch, John S., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Variable-speed power transmitter for sewing machines. 1,473,030; Nov. 6.
Finch, Leon R. (See Finch, William G. and L. R.)
Finch, Maurice S., et al. (See Kearby, Earl J., assignor.)
Finch, Nathan W., assignor of one-half to S. A. Bradley, Springfield, Ill. Road grader. 1,476,881; Dec. 11.
Finch, Ray C., Spokane, Wash. Screw jack. 1,472,388; Oct. 30.
Finch, William G., Grand Rapids, and L. R. Finch, Ionia, Mich. Liquid-weighing device. 1,457,279; May 29.
Fincham, Harry C., and F. C. Fisher, Toledo, Ohio. Automatic control. 1,442,658; Jan. 16.
Finckbein, Adolf. (See Rüdenberg, R., and Finckbein.)
Fincke, John A., New York, N. Y. Making wall coverings in imitation of natural stone. 1,474,817; Nov. 20.
Findlay, Donald M. (See Moloney, P. J., and Findlay.)
Findlay, Harold B., et al. (See Cryan, William H., assignor.)
Findlay, James C., San Francisco, Calif. Nozzle. 1,465,580; Aug. 21.
Findlay, Robert, Manufacturing Company. (See Smith, Curtis A., assignor.)
Fine, Benjamin and D., Chicago, Ill. Sharpening device. 1,449,854; Mar. 27.
Fine, Bernard M., Deptford Township, Gloucester County, assignor to Samuel M. Langston Company, Camden, N. J. Sheet-stacking mechanism. 1,460,059; June 26.
Fine, Bernard M., Deptford Township, Gloucester County, assignor to Samuel M. Langston Company, Camden, N. J. Clutch-operating mechanism. 1,472,411; Oct. 30.

Alphabetical list of patentees—Continued.

Fine, Daniel. (See Fine, Benjamin and D.)
Fine, Lewis. (See Schenck, C., and Fine.)
Fine, Lewis, assignor, by mesne assignments, to Budd Wheel Company, Philadelphia, Pa. Metal wheel. 1,462,957; July 24.
Fine, Lewis, assignor, by mesne assignments, to Budd Wheel Company, Philadelphia, Pa. Hub-cap-locking device. 1,464,812; Aug. 14.
Finestone, Arthur. (See Bellows, Walter C., assignor.)
Finigan, Charles, Gibsonia, Pa. Feeding mechanism for tin-plate lithographing machines. 1,460,373; July 3.
Fink, Colin G., Yonkers, assignor to Guggenheim Brothers, New York, N. Y. Apparatus for roasting ores. 1,440,538; Jan. 2.
Fink, Colin G., Yonkers, assignor to Guggenheim Brothers, New York, N. Y. Electrolytic refining or depositing of tin. 1,466,126; Aug. 28.
Fink, Colin G., Yonkers, N. Y., assignor to Chile Exploration Company, New York, N. Y. Electrode. 1,441,567; Jan. 9.
Fink, Colin G., Yonkers, N. Y., assignor to Chile Exploration Company, New York, N. Y. Electrodeposition of copper. 1,441,568; Jan. 9.
Fink, Edward B., Philadelphia, Pa. Litter carrier. 1,441,841; Jan. 9.
Fink, Gail J., Niagara Falls, N. Y., and E. D. Glauque, Niagara Falls, Ontario, Canada, assignors to Hooker Electrochemical Company, New York, N. Y. Preparation of pure selenium oxychloride. 1,453,789; May 1.
Fink, William B., New York, N. Y. Sign holder. 1,440,665; Jan. 2.
Fink, William B., New York, N. Y. Sign holder. 1,462,790; July 24.
Finke, August. (See Bradburn, C. E., and Finke.)
Finkeldey, William H. (See Breyer, T. G., and Finkeldey.)
Finkeldey, William H., and W. M. Peirce, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Manufacture of dry-battery cans. 1,472,359; Oct. 30.
Finkl, A., & Sons Company. (See Finkl, William F., assignor.)
Finkl, William F., assignor to A. Finkl & Sons Company, Chicago, Ill. Air-hardening steel alloy. 1,464,174; Aug. 7.
Finlayson, Alfred H., Brockville, Ontario, Canada. Emery-wheel-dressing tool. 1,466,393; Aug. 28.
Finlayson, Estelle B., Ossining, N. Y. Container. 1,462,034; July 17.
Finlayson, Norman T. (See Reid, T., and Finlayson.)
Finlayson, Thomas, Oakland, Calif. Portable power cut-off saw. 1,477,114; Dec. 11.
Finley, Dozier, Oakland, assignor to The Paraffine Companies, Inc., San Francisco, Calif. Unwinder. 1,449,093; Mar. 20.
Finley, Dozier, Oakland, assignor to The Paraffine Companies, Inc., San Francisco, Calif. Battery box. 1,464,868; Aug. 14.
Finley, Henry B., Chattanooga, Tenn. Manufacturing sheet-metal receptacles or containers. 1,455,525; May 15.
Finley, James A. (See Tetley, Charles E., assignor.)
Finley, Sam E., Atlanta, Ga. Treating roadways. 1,462,902; July 24.
Finley, Sam E., Atlanta, Ga. Apparatus for applying binding media to road surfaces. 1,462,903; July 24.
Finley, Sam E., Atlanta, Ga. Preparing bituminous cement-aggregate composition. 1,462,904; July 24.
Finley, Thomas M., St. Louis, Mo. Flying machine. 1,477,338; Dec. 11.
Finn, Abraham, Elizabeth, N. J. Paper-hanger's table. 1,462,449; July 17.
Finn, Charles, et al. (See Newbauer, Falentine, assignor.)
Finnell, Charlie, Alexandria, Va. Lubricating system. 1,455,244; May 15.
Finnell, Walter S., assignor to American Scrubbing Equipment Company, Chicago, Ill. Mop truck. 1,476,961; Dec. 11.
Finney, James M. (See Schroeder, Anthony, assignor.)
Finnigan, John J., Atlanta, Ga. Making flanged tank couplings. 1,452,238; Apr. 17.
Finocchiaro, Carlo U., New York, N. Y. Filing device for sound-reproducing records. 1,449,277; Mar. 20.
Finocchiaro, Carlo U., New York, N. Y. Index for filing devices. 1,454,714; May 8.
Finsen, Eyvind. (See Stewart, A. L., and Finsen.)
Finstone, Marx. (See Klein, David, assignor.)
Finton, Thomas J., Springfield, assignor to P. J. Dooley, Holyoke, Mass. Mop. 1,459,525; June 19.
Fiola, Robert, Dayton, Ohio. Window. 1,441,673; Jan. 9.
Fippenger, Elmer G., Nekoosa, Wis. Blower for silos. 1,455,329; May 15.
Fippins, Benjamin F., San Francisco, assignor of one-half to T. L. Bocci, Colma, Calif. Sawing machine. 1,468,104; Sept. 18.
Fire Gun Manufacturing Company. (See Tunnell, Harry E., assignor.)
Firestone, Joseph B., Roanoke, La. Band cutter and feeder. 1,451,442; Apr. 10.
Firestone Steel Products Company, The. (See Swain, Joseph G., assignor.)
Firestone Tire and Rubber Company. (See Goodenberger, Daniel E., assignor.)
Firestone Tire and Rubber Company, The. (See Bines, William H., assignor.)
Firestone Tire and Rubber Company, The. (See Britton, Glenn B., assignor.)
Firestone Tire and Rubber Company, The. (See Hargraves, Albert, assignor.)
Firestone Tire and Rubber Company, The. (See Kepler, Winfred R., assignor.)
Firestone Tire and Rubber Company, The. (See MacDonald, Frank J., assignor.)
Firestone Tire and Rubber Company. (See Maranville, Harvey H., assignor.)
Firestone Tire & Rubber Company, The. (See Martin, John I., assignor.)
Firestone Tire and Rubber Company, The. (See Pade, Max H., assignor.)
Firestone Tire and Rubber Company, The. (See Putt, Edward D., assignor.)
Firestone Tire and Rubber Company, The. (See Stevens, Horace D., assignor.)
Firestone Tire and Rubber Company, The. (See Stevens, William C., assignor.)
Firestone Tire and Rubber Company, The. (See Tuttle, John C., assignor.)
Firestone Tire and Rubber Company, The. (See Williams, William E., assignor.)
Firkins, Arthur R., Tenbury, England. Scuffler for agricultural purposes. 1,475,376; Nov. 27.
Firl, Milton, Meyersdale, Pa. Trolley guard. 1,454,673; May 8.
Firminger, Harold S. W., London, England. Chain belt for driving purposes. 1,476,603; Dec. 4.
Firpo, John P., Stockton, Calif. Auxiliary valve attachment for tire pumps. 1,442,933; Jan. 23.
First National Bank in St. Louis. (See Small, Chesley T., assignor.)
First Trust and Savings Bank of Pasadena, trustee. (See Key, James F., assignor.)
First Trust and Savings Bank of Sterling. (See Kroff, Leonard D., assignor.)
First Wisconsin Trust Company, trustee. (See Smith, Reuben S., assignor.)
Firster, Charles D., Akron, Ohio. Lock for gasoline supply for motors. 1,443,530; Jan. 30.
Fischer, Adam, assignor to Guaranty Iron & Steel Co., Chicago, Ill. Stair construction. 1,446 454; Feb. 27.
Fischer, Albert C., Chicago, Ill. Roofing cleat. 1,446,455; Feb. 27.
Fischer, Albert C., Chicago, Ill. Roofing cleat. 1,477,167; Dec. 11.
Fischer, Albert C., Kansas City, Mo. Shingle or block construction. 1,447,290; Mar. 6.
Fischer, Albert T. (See Horr, John V., assignor.)
Fischer, August, Vienna, Austria, assignor to L. and J. Fischer, Philadelphia, Pa., and M. Runz, Astoria, N. Y. Crushing mill. 1,443,874; Jan. 30.
Fischer, Charles, New York, N. Y. Telephone rest. 1,445,829; Feb. 20.
Fischer, Charles, New York, N. Y. Magnetic speedometer. 1,467,031; Sept. 4.
Fischer, Charles, Coldwater, Ohio. Chair tightener. 1,461,868; July 17.
Fischer, Charles C., Bloomfield, N. J., assignor to American Car and Foundry Company, N. Y. Pipe clamp for steam coils. 1,452,497; Apr. 24.
Fischer, Charles H. (See Hopfenthaler, J., and Fischer.)
Fischer, Felix M., Kewanee, Ill. Tractor hitch. 1,460,578; July 3.
Fischer, Fred V., Woodbine, Iowa. Chain tightener. 1,460,235; June 26.
Fischer, Frederick C. (See Muller, O., and Fischer.)
Fischer, Frederick C., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Bending jig. 1,442,428; Jan. 16.
Fischer, Frederick P., Chicago, Ill. Smoke consumer. 1,460,956; July 3.
Fischer, Frederick P., Chicago, Ill. Smoke consumer. 1,462,273; July 17.
Fischer, Frederick W., Milwaukee, Wis. Machine for treating wicks. 1,460,955; July 3.
Fischer, George F., Rochester, N. Y. Heel. 1,444,677; Feb. 6.
Fischer, George J., Long Island City, N. Y. Exposure attachment for cameras. 1,469,435; Oct. 2.
Fischer, Howard L., assignor to Brown & Bigelow, St. Paul, Minn. Pencil. 1,472,969; Nov. 6.
Fischer, Howard L., assignor to Brown & Bigelow, St. Paul, Minn. Pencil. 1,472,970; Nov. 6.
Fischer, Jacob, et al. (See Fischer, August, assignor.)
Fischer, Joseph B., Chicago, Ill. Fermentation bung. 1,477,552; Dec. 18.
Fischer, Joseph C., Milwaukee, Wis. Germicide receptacle and cover. 1,462,693; July 24.
Fischer, Kurt, Cologne-Braunsfeld, Germany, assignor to General Electric Company. Covering plate and insulating material for transfomers and other high-tension apparatus. 1,475,177; Nov. 27.
Fischer, Louis, et al. (See Fischer, August, assignor.)
Fischer, Max F., Arvada, Colo. Attachment for screen doors. 1,478,644; Dec. 25.

Fischer, Otto, assignor to Robert Bosch Aktiengesell schaft, Stuttgart, Germany. Collector for dynamos and the like and making such collectors. 1,441,569; Jan. 9.

Fischer, Walter. (See Young, Harry W., assignor.)

Fischli, Fritz, Nafels, Switzerland. Hand embroidering machine. 1,471,689; Oct. 23.

Fish, Edward R. (See Clay, Samuel B., assignor.)

Fish, Frank M., Beloit, Wis. Lock. 1,464,262; Aug. 7.

Fish, Gilbert D., Washington, D. C., assignor to F. L. Stanton, New York, N. Y. Dental chart and making the same. 1,449,318; Mar. 20.

Fish, Grant C., and A. H. Cummings, Chico, Calif. Paint-spraying apparatus. 1,471,690; Oct. 23.

Fish, J. Arthur. (See White, L. M., and Fish.)

Fish, John R., West Springfield, Mass. Agitator. 1,447,653; Mar. 6.

Fish, Leon H., Albany, Oreg. Stationary cuspidor. 1,474,520; Nov. 20.

Fishback, Lloyd E., El Dorado, Ark. Tackle block. 1,477,639; Dec. 18.

Fishburn, Otto E., New York, N. Y., assignor to General Motors Corporation, Detroit, Mich. Oil-pan-supporting bracket for motor vehicles. 1,444,310; Feb. 6.

Fishburn, Otto E., New York, N. Y., assignor to General Motors Corporation, Detroit, Mich. Dry-plate clutch. 1,457,221; May 29.

Fishel, Milton A., New York, N. Y. Forming hairpins. 1,461,728; July 17.

Fisher, Adam E., St. Louis, Mo. Expansible automobile seat. 1,458,173; June 12.

Fisher, Aldus, Malvern, Pa. Switch-locking mechanism. 1,446,743; Feb. 27.

Fisher, Aldus, Malvern, Pa. Safety device for track switches and signals. 1,473,841; Nov. 13.

Fisher, Alfred E., Oshawa, Ontario, Canada. Gramophone repeating device. 1,457,354; June 5.

Fisher, Alva J., Evanston, assignor to Hurley Machine Company, Chicago, Ill. Means for making machine elements. 1,477,640; Dec. 18.

Fisher, Andrew S., Altoona, Pa. Wrench. 1,444,907; Feb. 13.

Fisher, Andrew S., assignor of one-half to W. H. Fisher, Altoona, Pa. Wrench. 1,478,512; Dec. 25.

Fisher Automatic Brush Machine Company. (See Fisher, Charles E., assignor.)

Fisher, Benjamin J., et al. (See Paull, Arvin R., assignor.)

Fisher, Bessie M. (See Fisher, George O., assignor.)

Fisher, Bessie M., administratrix. (See Fisher, George O.)

Fisher Body Corporation. (See Abbott, R. E., and Beyster, assignors.)

Fisher Body Corporation. (See Rissmann, Paul, assignor.)

Fisher Body Corporation. (See Schmidt, Albert, assignor.)

Fisher Body Corporation. (See Simpson, Emory G., assignor.)

Fisher Body Corporation. (See Smith, Albert W, assignor.)

Fisher, Charles, assignor to The Automatic Recording Safe Company, Chicago, Ill. Savings bank. 1,456,227; May 22.

Fisher, Charles, assignor of one-third to A. C. Grunwald and one-third to C. E. Carlsen, Chicago, Ill. Toilet paper cabinet. 1,456,790; May 29.

Fisher, Charles E., Baltimore, Md., assignor to The Fisher Automatic Brush Machine Company. Brush-making machine. 1,467,364; Sept. 11.

Fisher, Charles E., Baltimore, Md., assignor to The Fisher Automatic Brush Machine Company. Staple-driving mechanism for brush-making machines. 1,467,365; Sept. 11.

Fisher, Charles H., Carrollton, Ohio. Headlight. 1,463,685; July 31.

Fisher, Clarence F., Lancaster, Kans. Antiskid chain. 1,470,069; Oct. 9.

Fisher, Clay S., Fort Myers, Fla. Electric sign. Des. 63,289; Nov. 20.

Fisher, Daniel C., Boston, Mass. Locking mechanism for motor vehicles, etc. 1,448,836; Mar. 20.

Fisher, Emmett, Quincy, Ill. Pencil holder and sharpener. 1,447,841; Mar. 6.

Fisher, Frank C. (See Fincham, H. C., and Fisher.)

Fisher, Frank L., et al. (See Burns, Fred T., assignor.)

Fisher, Frank L., Milwaukee, Wis. Car-door lock. 1,442,563; Jan. 16.

Fisher, Frederick W., and H. Johnson, Detroit, Mich. Toothbrush holder. 1,465,627; Aug. 21.

Fisher, George J. (See Fox, H. K., and Fisher.)

Fisher, George O., deceased, New York; B. M. Fisher, administratrix, assignor to B. M. Fisher, Brooklyn, N. Y. Double-barreled shotgun. 1,475,262; Nov. 27.

Fisher, George O., deceased; B. M. Fisher, administratrix, assignor to B. M. Fisher, Brooklyn, N. Y. Automatic gun. 1,475,761; Nov. 27.

Fisher, Harold C., and T. O. Clark, Lone Star, Kans. Tire chain. 1,473,340; Nov. 6.

Fisher, Harry L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber composition and making the same. 1,473,285; Nov. 6.

Fisher, Henry A., assignor of one-half to S. H. Foxall, Cleveland, Ohio. Portable power hammer. 1,454,633; May 8.

Fisher, Henry W., Perth Amboy, N. J. Retriever for golf balls. 1,452,679; Apr. 24.

Fisher, Henry W., and N. C. Davis, Perth Amboy, N. J., assignors to Standard Underground Cable Company, Pittsburgh, Pa. Cable-building machine. 1,450,584; Apr. 3.

Fisher, James, New Orleans, La. Juice-saving attachment for cane mills. 1,456,430; May 22.

Fisher, James P., Bartlesville, Okla., assignor, by mesne assignments, to Doherty Research Company, New York, N. Y. Demand-limiting device. 1,456,766; May 29.

Fisher, Jeremiah E., New York, N. Y. Commutator compound. 1,469,039; Sept. 25.

Fisher, John A., Sandusky, Ohio. Amusement device. 1,454,273; May 8.

Fisher, John A., assignor to Imperial Player Roll Company, Chicago, Ill. Music roll and apparatus for making same. 1,476,358; Dec. 4.

Fisher, Joseph E., Hamilton, Ohio. Door lock. 1,444,499; Feb. 6.

Fisher, Olive, Tipton, Ind., assignor of one-half to E. Rader, Otterbein, Ind. Cooker. 1,447,067; Feb. 27.

Fisher, Peter N. (See Oda, Cinco S., assignor.)

Fisher, Raymond, assignor of one-half to O. W. Weisel, Philadelphia, Pa. Take-up mechanism for knitting machines. 1,450,799; Apr. 3.

Fisher, Stanley, Ealing, and W. Priddey, Marylebone, London, England. Sparking plug. 1,465,978; Aug. 28.

Fisher, Walter E., New Iberia, La. Oil-burning apparatus. 1,458,226; June 12.

Fisher, William C., assignor to Russell Manufacturing Company, Middletown, Conn. Conveyer belt. 1,456,000; May 22.

Fisher, William C., assignor to Russell Mfg. Co., Middletown, Conn. Unwoven brakeband facing. 1,465,389; Aug. 21.

Fisher, William F., Minneapolis, Minn. Bifocal eyeglass lens. 1,457,355; June 5.

Fisher, William H. (See Fisher, Andrew S., assignor.)

Fisher, William H., Los Angeles, and P. Chambers, Redondo Beach, Calif. Apparatus for treating iron and iron alloys. 1,478,366; Dec. 18.

Fisher, William H., Los Angeles, and P. Chambers, Redondo Beach, Calif. Treating iron and its alloys. 1,478,367; Dec. 18.

Fishleigh, Walter T., assignor to Ford Motor Company, Detroit, Mich. Tractor attachment. 1,463,944; Aug. 7.

Fisk, Carl A., New York, N. Y. Nonpneumatic tire. 1,450,843; Apr. 3.

Fisk, Carl A., New York, N. Y. Nonpneumatic tire. 1,465,898; Aug. 21.

Fisk, Gustaf L. (See Evans, H. S., and Fisk.)

Fisk, Ira T., assignor to Stevens & Thompson, Inc., North Hoosick, N. Y. Pulp washing and condensing apparatus. 1,447,344; Mar. 6.

Fisk, Jesse F., Chesterton, Ind., assignor to Armour Grain Co., Chicago, Ill. Car-door opener. 1,478,562; Dec. 25.

Fisk Rubber Company. (See Burke, John W., assignor.)

Fisk Rubber Company. (See Midgley, Thomas, assignor.)

Fisk Rubber Company, The. (See Allen, John E., assignor.)

Fisk Rubber Company, The. (See Beauregard, Leander P., assignor.)

Fisk Rubber Company, The. (See Bowerman, Joseph A., assignor.)

Fisk Rubber Company, The. (See Broadwell, Edward H., assignor.)

Fisk Rubber Company, The. (See Butler, Harry J., assignor.)

Fisk Rubber Company, The. (See Frank, Arthur A., assignor.)

Fisk Rubber Company, The. (See Hubach, Gustave, assignor.)

Fisk Rubber Company, The. (See Lewis, George H., assignor.)

Fisk Rubber Company, The. (See Little, Thomas P., assignor.)

Fisk Rubber Company, The. (See Marquette, Melvon A., assignor.)

Fisk Rubber Company, The. (See Mather, George L., assignor.)

Fisk Rubber Company, The. (See Maynard, Charles E., assignor.)

Fisk Rubber Company, The. (See Scherner, John, assignor.)

Fisk Rubber Company, The. (See Shaw, Myron R., assignor.)

Fisk Rubber Company, The. (See Taylor, Edward C., assignor.)

Fiske, Bradley A., Washington, D. C. Reading machine. 1,457,429; June 5.

Fiske, Bradley A., New York, N. Y. Reading machine. 1,476,290; Dec. 4.

Fiske, Charles P. (See Barr, Harry P., assignor.)

Fiske & Company. (See Cooper, Richard B., assignor.)

Fister, Floyd L., assignor of one-half to J. W. Schneider, Denver, Colo. Hair curler. 1,442,260; Jan. 16.

Fitch, Benjamin F., Evanston, Ill. Freight-handling system. 1,466,296; Aug. 28.

Fitch, Benjamin F., Evanston, Ill. Garage. 1,472,793; Nov. 6.
Fitch, Ellery R., St. Louis, Mo., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Door and brake control device. 1,463,040; July 24.
Fitch, Henry C., Demos, Ohio. Tire. 1,466,498; Aug. 28.
Fitch, John F., Buchanan, Va. Vending machine. 1,465,628; Aug. 21.
Fitchburg Bobbin Cleaning Machine Company. (See Vowles, Ernest H., assignor.)
Fitchburg Machine Works. (See Trust, Josephine and H., assignors.)
Fitchburg Pattern Model Co. (See Vasselin, Harold D., assignor.)
Fitchet, Charles L., Lancaster, Pa. Combined globe holder and reflector. 1,457,058; May 29.
Fitchett, Thomas S., Glenarm, and J. I. Haase, Towson, assignor to F. X. Hooper Co., Inc, Glenarm, Md. Inking attachment for cylinder presses. 1,446,418; Feb. 20.
Fitton, John R., Woonsocket, R. I. Pencil. 1,450,436; Apr. 3.
Fitts, Charles F., et al. (See Hilgerink, Frank M., assignor.)
Fitts, Charles F., assignor to National Dump Car Company, Chicago, Ill. Mechanism for locking and releasing doors. 1,444,375; Feb. 6.
Fitts, Edwin, assignor to Detroit Stoker Company, Detroit, Mich. Stoker. 1,440,728; Jan. 2.
Fitz, Charles L., Fond du Lac, Wis. Ozone generator for water purification. 1,441,075; Jan. 2.
Fitz, Charles L., Fond du Lac, Wis. Signal. 1,459,586; June 19.
Fitz-Empire Double Pivot Last Company. (See Boynton, Stanley E., assignor.)
Fitz-Empire Double Pivot Last Company. (See Fitz, Guy B., assignor.)
Fitz-Empire Double Pivot Last Company. (See Helmer, C. H., and Wehrung, assignors.)
Fitz-Empire Double Pivot Last Company. (See Potter, Frederic W., assignor.)
Fitz-Empire Double Pivot Last Company. (See Shanisey, Frederick J., sr., assignor.)
Fitz-Empire Double Pivot Last Company. (See Whipple, Leland B., assignor.)
Fitz, Guy B., assignor to Fitz-Empire Double Pivot Last Company, Auburn, Me. Block last. 1,445,674; Feb. 20.
Fitz, Guy B., assignor to Fitz-Empire Double Pivot Last Company, Auburn, Me. Last. 1,447,240; Mar. 6.
Fitz, Guy B., assignor to Fitz-Empire Double Pivot Last Company, Auburn, Me. Last with reenforced toe. 1,453,317; May 1.
Fitz, Guy B., assignor to Fitz-Empire Double Pivot Last Company, Auburn, Me. Block last. 1,475,943; Dec. 4.
Fitz Gerald, Alan S., London, England, assignor to General Electric Company. Protective device for electric distribution systems. 1,468,441; Sept. 18.
Fitz Gerald, Francis A. J., Niagara Falls, assignor to Buffalo Apparatus Corporation, Buffalo, N. Y. Electric furnace. 1,443,816; Jan. 30.
Fitz Gerald, Harold G., Los Angeles, Calif. Lamp. 1,453,044; Apr. 24.
Fitz Gerald, Harold G., Los Angeles, Calif. Lamp. 1,455,245; May 15.
Fitz Gerald, John M., River Forest Ill. Light projection. 1,465,468; Aug. 21.
Fitz Gerald, Judson H., Quantico, Va. Picture hanger. 1,475,292; Nov. 27.
Fitzgerald, Arthur R. (See Eagles, F. J., and Fitzgerald.)
Fitzgerald, Frederic W. V., Caversham, England. Preparation of commercial products from blood. 1,441,570; Jan. 9.
Fitzgerald, John M., River Forest, Ill. Foundation pier. 1,447,942; Mar. 6.
Fitzgerald, John M., River Forest, Ill. Storage and dispensing tank for liquids. 1,447,943; Mar. 6.
Fitzgerald, John M., River Forest, Ill. Lantern and support for same. 1,448,922; Mar. 20.
Fitzgerald, John M., Rivert Forest, Ill. Foundation pedestal or pier. 1,456,499; May 29.
Fitzgerald, Maurice F., Winsted, assignor to The Fitzgerald Mfg. Co., Torrington, Conn. Vibrator horn. 1,468,444; Sept. 18.
Fitzgerald Mfg. Co., The. (See Fitzgerald, Maurice F., assignor.)
Fitzgerald, Michael J., New York, N. Y. Street-cleaning cart. 1,473,572; Nov. 6.
Fitzgerald, William H. J., Braintree, Mass. Cutting die. 1,471,653; Oct. 23.
Fitzgerald, William J., Beloit, Wis. Road-making machine. 1,467,243; Sept. 4.
Fitzgerald, William J., Beloit, Wis. Concrete-working machine. 1,470,002; Oct. 9.
Fitzgerald, William J., and A. B. Cadman, Beloit, Wis. Machine for working concrete or the like. 1,474,770; Nov. 20.
Fitz Gibbon, Arthur L., Washington, D. C. Windshield cleaner. 1,461,087; July 10.
Fitzpatrick, Charles H. (See Fitzpatrick, Jeremiah and C. H.)
Fitzpatrick, Jeremiah, Brockton, and C. H. Fitzpatrick, North Abington, Mass. Re-forming lasts. 1,454,160; May 8.
Fitzpatrick, John T., Cove, Ark. Loom. 1,449,814; Mar. 27.
Fitzpatrick, Mederic L., New York, N. Y. Bristle comb. 1,441,412; Jan. 9.
Fitz Patrick, Thomas, Cuyahoga Falls, Ohio. Garter. 1,454,579; May 8.
Fitzpatrick, William F. (See Jolly, T. J., and Fitzpatrick.)
Fitzsimmons, James. (See Lubash, Martin, assignor.)
Fitzsimmons, James N. (See Brown, J. W., and Fitzsimmons.)
Fitz Simons, Samuel G., Charleston, S. C. Automobile fender. 1,462,104; July 17.
Fix, Frank, Irwin, Pa., assignor to Westinghouse Electric and Manufacturing Company. Safety knife switch. 1,470,717; Oct. 16.
Fizesán, Justin, Saugerties, N. Y. Automatic ship-steering mechanism. 1,458,174; June 12.
Fjord Company, The. (See Ross, Harry B., assignor.)
Flack, Paul M., Ogdensburg, N. Y. Automobile direction indicator. 1,455,581; May 15.
Flading, John W. (See Grieve, R., and Flading.)
Flagg, Andrew B., Attleboro, Mass. Vanity case. 1,463,259; July 31.
Flagg, Edwin H., Los Angeles, Calif. Curtain, drapery, and the like. 1,463,013; July 24.
Flagg, Edwin H., Los Angeles, Calif. Making curtains, draperies, and the like. 1,463,014; July 24.
Flagg, Ernest, New York, N. Y. Roof structure. 1,465,899; Aug. 21.
Flagler, Louis B., Butte, Mont. Saw clamp. 1,452,551; Apr. 24.
Flagler, T. T. (See Lowndes, George S., jr., assignor.)
Flaherty, John F., assignor to The Bock Bearing Company, Toledo, Ohio. Roll-gauging machine. 1,458,929; June 19.
Flaherty, John F., assignor to The Bock Bearing Company, Toledo, Ohio. Spindle-driving mechanism. 1,458,930; June 19.
Flahie, Thomas J., Pennville, Ind. Vehicle wheel. 1,458,175; June 12.
Flam, John. (See Cook, Carl F., assignor.)
Flanders, Warren B., Essington, Pa., assignor to Westinghouse Electric and Manufacturing Company. Governing and gland apparatus. 1,467,575; Sept. 11.
Flanders, Warren B., Essington, Pa., assignor to Westinghouse Electric and Manufacturing Company. Reversing turbine. 1,474,351; Nov. 20.
Flanigan, Hiram T. (See Hobbs, O. P., and Flanigan.)
Flanigan, Pinkney A. (See Hobbs, O. P., and Flanigan.)
Flanigan, Robert, Baltimore, Md. Can-closing machine. 1,458,694; June 12.
Flannery Bolt Company. (See Dodds, Ethan I., assignor.)
Flannery Bolt Company. (See Flannery, John R., assignor.)
Flannery Bolt Company. (See Flannery, J. R., and Dodds, assignors.)
Flannery Bolt Company. (See Flannery, J. R., Stafford, and Dodds, assignors.)
Flannery, John L., assignor to The Boye Needle Company, Chicago, Ill. Display needle package. 1,441,725; Jan. 9.
Flannery, John M., Detroit, Mich. Carburetor. 1,450,628; Apr. 3.
Flannery, John R., assignor to Flannery Bolt Company, Pittsburgh, Pa. Stay-bolt structure for boilers. 1,447,068; Feb. 27.
Flannery, John R., assignor to Flannery Bolt Company, Pittsburgh, Pa. Making stay bolts. 1,472,390; Oct. 30.
Flannery, John R., and E. I. Dodds, assignors, by mesne assignments, to Flannery Bolt Company, Pittsburgh, Pa. Stay-bolt structure. 1,455,837; May 22.
Flannery, John R., and E. I. Dodds, assignors, by mesne assignments, to Flannery Bolt Company, Pittsburgh, Pa. Stay-bolt structure for boilers. 1,467,366; Sept. 11.
Flannery John R., Pittsburgh, Pa., and E. I. Dodds, Central Valley, N. Y., assignors to Flannery Bolt Company, Pittsburgh, Pa. Stay-bolt structure. 1,472,389; Oct. 30.
Flannery, John R., B. E. D. Stafford, and E. I. Dodds, assignors, by mesne assignments, to Flannery Bolt Company, Pittsburgh, Pa. Means for testing stay bolts in boilers. 1,455,836; May 22.
Flannery, M. Markham, et al. (See Flannery, William C., assignor.)
Flannery, Martin A., New York, assignor to Will & Baumer Candle Co., Inc., Syracuse, N. Y. Votive stand. Des. 62,190; Apr. 10.
Flannery, William C., Elk Ridge, Md., assignor of seventy-five per cent to M. M. Flannery and twenty-five per cent to C. C. Hines, Washington, D. C. Concrete building. 1,471,841; Oct. 23.
Flansburg, Peter, Manistee, Mich., assignor to S. H. Goldberg, Chicago, Ill. Egg crate. 1,447,716; Mar. 6.
Flarsheim, Edwin S. (See Liebel, J. G. H., and Flarsheim.)
Flash Gun Limited, The. (See Paterson, William G., assignor.)
Flath, Otto S., Chicago, Ill. Storage tanks. 1,459,327; June 19.
Flather, Frederick A., assignor to Boott Mills, Lowell, Mass. Towel. 1,478,112; Dec. 18.

Flauder, Alfred J., Bridgeport, Conn. Candlestick. Des. 63,361; Nov. 27.
Flauder, Alfred J., assignor to The Weidlich Bros. Mfg. Co., Bridgeport, Conn. Bowl. Des. 62,044; Mar. 6.
Flauder, Alfred J., assignor to The Weidlich Bros. Mfg. Co., Bridgeport, Conn. Compote. Des. 62,045; Mar. 6.
Flauder, Alfred J., assignor to The Weidlich Bros. Mfg. Co., Inc., Bridgeport, Conn. Basket. Des. 62,631; July 10.
Flauder, Alfred J., assignor to The Weidlich Bros. Mfg. Co., Bridgeport, Conn. Salt and pepper shaker. Des. 62,927; Aug. 21.
Flauder, Alfred J., assignor to The Weidlich Bros. Mfg. Co., Bridgeport, Conn. Salt and pepper shaker. Des. 62,941; Aug. 28.
Flauder, Alfred J., assignor to The Weidlich Bros. Mfg. Co., Bridgeport, Conn. Salt and pepper shaker. Des. 62,942; Aug. 28.
Flauder, Alfred J., assignor to The Weidlich Bros. Mfg. Co., Bridgeport, Conn. Lamp perfumer. Des. 62,943; Aug. 28.
Flauder, Alfred J., assignor to The Weidlich Bros. Mfg. Co., Bridgeport, Conn. Lamp perfumer. Des. 62,944; Aug. 28.
Flauder, Alfred J., assignor to The Weidlich Bros. Mfg. Co., Bridgeport, Conn. Coffeepot or similar article. Des. 63,290; Nov. 20.
Flauder, Alfred J., assignor to The Weidlich Bros. Mfg. Co., Bridgeport, Conn. Vase. Des. 63,462; Dec. 11.
Flauder, Alfred J., assignor to The Weidlich Bros. Mfg. Co., Bridgeport, Conn. Pitcher or similar article. Des. 63,641; Dec. 25.
Fleckenstein, John A., assignor to Limousine Body Company, Kalamazoo, Mich. Door and wall panel for vehicles. 1,469,922; Oct. 9.
Fledderman, Herman J., Tulsa, Okla. Internal-combustion engine. 1,456,125; May 22.
Flegal, Lorin, Mount Williams, Va. Manifold heater. 1,453,007; Apr. 24.
Fleischauer, Fred, New Milford, N. J., assignor to New York Lighting Fixture Manufacturing Co., New York, N. Y. Chandelier for lighting fixtures. Des. 62,715; July 24.
Fleischer, Emil, Dresden, Germany, assignor, by mesne assignments, to The Chemical Foundation Inc. Process and furnace for reducing and roasting ores. 1,448,340; Mar. 13.
Fleischer, Paul W. (See Feybusch, M., and Fleischer.)
Fleischer, Paul W., Weehawken Heights, N. J., assignor to American Can Company, New York, N. Y. Automatic chain-feed attachment. 1,451,015; Apr. 10.
Fleischmann, Charles R., Chicago, Ill. Paper holder. 1,464,983; Aug. 14.
Fleischmann Company, The. (See Corby, R. L., and Glasgow, assignors.)
Fleischmann Company, The. (See Hayduck, Friedrich, assignor.)
Fleischmann Company, The. (See Hixson, Arthur W., assignor.)
Fleischmann Company, The. (See Klein, Erwin, assignor.)
Fleischmann Company, The. (See Kohman, H. A., Irvin, and Cross, assignors.)
Fleischmann Company, The. (See Nilsson, M., and Harrison, assignors.)
Fleischmann Company, The. (See Wohl, Alfred, assignor.)
Fleisher, David L. (See Feigelman, Herman A., assignor.)
Fleisher, Horace T., Elkins Park, assignor to Notaseme Hosiery Company, Philadelphia, Pa. Knitted fabric and making same. 1,444,786; Feb. 13.
Fleisher, W. L., & Co. Inc. (See Fleisher, Walter L., assignor.)
Fleisher, W. L., & Co. Inc. (See Lissauer, A. W., and Fleisher, assignors.)
Fleisher, Walter L. (See Lissauer, A. W., and Fleisher.)
Fleisher, Walter L., assignor to W. L. Fleisher & Co. Inc., New York, N. Y. Apparatus for desiccation. 1,474,626; Nov. 20.
Fleishman, Theodore, Baltimore, Md. Automobile fender. 1,468,940; Sept. 25.
Fleming, Ambrose, Alexandria, Va. Electric iron. 1,449,278; Mar. 20.
Fleming, August L. N., Lyndhurst, N. J. Melting pot. 1,448,529; Mar. 13.
Fleming, Clarence C., Amityville, N. Y., and H. L. Myers, Morristown, N. J. Display folder. 1,453,833; May 1.
Fleming, Claude E., Detroit, Mich. Carburetor. 1,476,701; Dec. 11.
Fleming, Edgar C. (See Fleming, H. D., Matthews, and Fleming.)
Fleming, Frank E. (See Blackburn, A. H., and Fleming.)
Fleming, Harry I., et al. (See Marshall, Walker E., assignor.)
Fleming, Herbert D., L. F. Matthews, New Kensington, and E. C. Fleming, Renfrew, Pa. Combined filler plug and valve. 1,472,643; Oct. 30.
Fleming, Herbert D., L. F. Matthews, New Kensington, and E. C. Fleming, Renfrew, Pa. Combined tobacco container and match receptacle. 1,476,332; Dec. 4.
Fleming, James R., Scranton, Pa. Tight and loose wheel 1,451,689; Apr. 17.
Fleming, James R., Scranton, Pa. Mining-car truck. 1,451,690; Apr. 17.
Fleming, James R., Scranton, Pa. Journal box. 1,475,377; Nov. 27.
Fleming, James R., Scranton, Pa. Journal-box seat. 1,475,378; Nov. 27.
Fleming, Jesse M., Drumright, Okla. Sand trap. 1,455,871; May 22.
Fleming, John L., Peoria, Ill. Plumbing apparatus. 1,450,844; Apr. 3.
Fleming, John Q. A., Martinsburg, W. Va. Washing machine. 1,447,017; Feb. 27.
Fleming, Marvin G., Kansas City, Kans. Type cabinet. 1,469,385; Oct. 2.
Fleming, Paul E., Chicago, Ill. Card-spreading device. 1,476,157; Dec. 4.
Fleming, Roger N., Detroit, Mich. Coupled light dissolver for motion-picture machines. 1,456,544; May 29.
Fleming, Samuel N., Earlington, Ky. Grate construction. 1,461,443; July 10.
Fleming, Stuart, Owen Sound, Ontario, Canada. Zinc-plate cylinder for offset lithographing presses. 1,471,392; Oct. 23.
Fleming, Thomas F. (See Koch, Charles W., assignor.)
Fleming-Williams, Clifford R., Lake Windermere, England. Nozzle for the delivery of water or other liquid under pressure. 1,459,975; June 26.
Fleming, Wills M. (See Potter, B. U., and Fleming.)
Fleming, Wills M., Holyoke, Mass., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Pump. 1,470,220; Oct. 9.
Flemings, John A., Sharon, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Underfeed stoker. 1,475,624; Nov. 27.
Flemings, John A., Sharon, Mass., and E. B. Priebe, Wilkinsburg, Pa., assignors to B. F. Sturtevant Company, Hyde Park, Mass. Furnace. 1,465,037; Aug. 14.
Flender, Ernest W., New York, N. Y. Electrical fixture. 1,440,589; Jan. 2.
Flender, John W., Wexford, assignor of one-half to H. Braun, Pittsburgh, Pa. Producing motion pictures. 1,458,401; June 12.
Flentjen, Auguste, Geneva, Switzerland. Lock screw. 1,470,528; Oct. 9.
Fleron, Louis H., Trenton, N. J. Dial-revolving device. 1,462,571; July 24.
Fletcher, Elmer, assignor to Fletcher-Wickes Company, Chicago, Ill. Phonograph. 1,446,006; Feb. 20.
Fletcher, Elmer, assignor to Fletcher-Wickes Co., Chicago, Ill. Sound box. 1,452,498; Apr. 24.
Fletcher, George A., Brazil, Ind. Pipe-operating device. 1,448,621; Mar. 13.
Fletcher, Harold W., assignor to Hughes Tool Company, Houston, Tex. Roller earth-boring drill. 1,441,220; Jan. 9.
Fletcher, Harold W., assignor to Hughes Tool Company, Houston, Tex. Rotary drill cutter. 1,449,389; Mar. 27.
Fletcher, Harvey, assignor to Western Electric Company, Incorporated, New York, N. Y. Substation circuit. 1,461,183; July 10.
Fletcher, Harvey, assignor to Western Electric Company, Incorporated, New York, N. Y. Testing system. 1,469,271; Oct. 2.
Fletcher, Henry O., Bridgeport, Conn., assignor to The Singer Manufacturing Company. Bobbin-case lock. 1,466,360; Aug. 28.
Fletcher, Henry P. (See Gosper, Amos, assignor.)
Fletcher, Herbert E., Lynn, Mass. Valve chuck 1,441,625; Jan. 9.
Fletcher, John. (See Brunhoeber, George H., assignor.)
Fletcher, John B., assignor of one-eighth to J. D. Fletcher, one-fourth to L. Lewis, one sixteenth to L. M. Fletcher, and one-sixteenth to M. L. Fletcher, Louisville, Ky. Sirup pump. 1,458,042; June 5.
Fletcher, John D., et al. (See Fletcher, John B., assignor.)
Fletcher, John F. (See Whitney, G. M., and Fletcher.)
Fletcher, L. M., et al. (See Fletcher, John B., assignor.)
Fletcher, Minnie L., et al. (See Fletcher, John B., assignor.)
Fletcher, Philip K., Alpena, Mich. Pulp bleacher. 1,466,499; Aug. 28.
Fletcher-Wickes Company. (See Fletcher, Elmer, assignor.)
Flewelling, Leslie C., Los Angeles, Calif. Fountain brush. 1,446,967; Feb. 27.
Flewelling, Willard M., Healdsburg, Calif. Street indicator. 1,457,732; June 5.
Flexo-Motive Corporation. (See Hupp, Irvin, assignor.)
"Flexo" Wrench and Tool Company. (See Stark, Ludwig, assignor.)
Flick, Clarence, East St. Louis, assignor to Swift & Company, Chicago, Ill. Pork holding and splitting device. 1,466,429; Aug. 28.
Flick, Henry, assignor to Hayes Wheel Company, Jackson, Mich. Billet holder for spoke-mitering machines. 1,453,930; May 1.
Flick, Henry, assignor to Hayes Wheel Company, Jackson, Mich. Spoke-inserting machine. 1,466,430; Aug. 28.
Flick, Henry, and C. M. Buck, assignors to Hayes Wheel Company, Jackson, Mich. Multiple drill for drilling wood wheels for hub flanges. 1,453,931; May 1.

Flick, William J., Alexandria, Va. Pencil. 1,446 893; Feb. 27.
Flinn, Christopher, Milton, Pa., assignor to American Car and Foundry Company, New York, N. Y. Straightening sheet metal. 1,452,499; Apr. 24.
Flinn, Frank P., assignor to The Safety Car Coupler Company, Terre Haute, Ind. Automatic car coupling. 1,442,216; Jan. 16.
Flinn, Vincent, New York, N. Y. Hack saw. 1,446,007; Feb. 20.
Flint, Charles W., Chicago, Ill. Guide showing comparative express and parcel-post shipping rates. Re-15,687; Sept. 18.
Flint, Dutee W. (See Peckham, H. C., and Sweet, assignors.)
Flint Electric and Manufacturing Company, The. (See Yont, Charles A., assignor.)
Flint, James A., Denver, Colo., assignor to the Government of the United States. Torpedo. 1,440,590; Jan. 2.
Flint, William A., assignor to estate of A. W. Flint, New Haven, Conn. Teeter board. 1,476,065; Dec. 4.
Flint, William H., Birmingham, Ala. Calking machine for pipe joints. 1,469,297; Oct. 2.
Flintkote Company, The. (See Anderson, Alfred, assignor.)
Flintkote Company, The. (See Bird, Reginald W., assignor.)
Flintkote Company, The. (See Caldwell, Thomas F., assignor.)
Flintkote Company, The. (See Clapp, Albert L., assignor.)
Flintkote Company, The. (See Cumfer, Harry A., assignor.)
Flintkote Company, The. (See Overbury, Frederick C., assignor.)
Flintkote Company, The. (See Rahr, C. E., and Pollock, assignors.)
Flintkote Company, The. (See Schutte, Karl, assignor.)
Flintkote Manufacturing Company. (See Overbury, Frederick C., assignor.)
Flitner, Stanwood E., Englewood, assignor to Cooper Hewitt Electric Company, Hoboken, N. J. Packing device. 1,459,300; June 19.
Flood, Thomas F., et al. (See Clarke, Charles E., assignor.)
Flood, Walter H., Chicago, Ill. Spotlight-operating mechanism. 1,465,936; Aug. 28.
Flood, Walter H., Tooting, London, and D. T. Smout, West Dulwich, London, England, assignors to Electric Arc Cutting and Welding Company, Newark, N. J. Electrode holder. 1,475,481; Nov. 27.
Flora, Charles L. and C. R., Sylvania, assignors to W. Stewart, Toledo, Ohio. Automobile steering attachment. 1,440,666; Jan. 2.
Flora, Charles R. (See Flora, Charles L. and C. R.)
Florence Manufacturing Company. (See Graul, William F., assignor.)
Florence, Mary S., Marlow, England. Indicator applicable to the teaching of music or the selecting and combining of colors. 1,467,032; Sept. 4.
Florey, Tilghman J., Washington, assignor to B. O. T. Mfg. Co., Trenton, N. J. Closet-seat bumper. 1,469,503; Oct. 2.
Florida Grapefruit Canning Company. (See Street, Claude E., assignor.)
Floring, Frank H., Syracuse, N. Y. Clutch-pedal control for motor vehicles. 1,451,148; Apr. 10.
Flory Carry Iron Company. (See Rink, George W., assignor.)
Flossy Dental Mfg. Co. (See Muchow, William M., assignor.)
Flournoy, James P., jr., Shreveport, La. Drill bit and collar therefor. 1,450,845; Apr. 3.
Flournoy, Samuel I., assignor to W. S. Dickey, Kansas City, Mo. Meter box. 1,454,674; May 8.
Flower City Novelty Corporation. (See Curtiss J. Guernsey, assignor.)
Flower City Specialty Company. (See Nagle, Peter J., assignor.)
Flower, John W., Detroit, Mich. Indicating mechanism. 1,442,716; Jan. 16.
Flower, John W., assignor to H. W. Stanton, Detroit, Mich. Pipe-tapping attachment. 1,442,261; Jan. 16.
Flower, John W., assignor, by mesne assignments, to Michigan Valve Foundry and Engineering Company, Detroit, Mich. Filtration chamber. 1,457,514; June 5.
Flower, John W., assignor, by mesne assignments, to Michigan Valve Foundry and Engineering Company, Detroit, Mich. Gate valve. 1,474,026; Nov. 13.
Flowers, Addison S., deceased, Washington, D. C.; M. E. Flowers, administratrix. Latch or bolt operating mechanism. 1,441,336; Jan. 9.
Flowers, Mary E., administratrix. (See Flowers, Addison S.)
Flowers, Stanley A., assignor of one-third to J. L. Palley and one-third to J. Heaton, Pittsburgh, Pa. Rear-signal device for automobiles. 1,455,526; May 15.
Flowers, William J., Complete, Miss. Rope and cable tie. 1,452,338; Apr. 17.
Floyd, George G., assignor to American Steel Foundries, Chicago, Ill. Draft mechanism. 1,446,555; Feb. 27.
Floyd, George G., assignor to American Steel Foundries, Chicago, Ill. Railway-car truck. 1,475,178; Nov. 27.
Floyd, George G., assignor to American Steel Foundries, Chicago, Ill. Railway-car-truck arrangement. 1,475,179; Nov. 27.
Floyd, George G., Riverside, Ill., assignor to W. H. Miner, Chazy, N. Y. Manufacturing draft-rigging yokes. 1,450,361; Apr. 3.
Floyd, George G., assignor to American Steel Foundries, Chicago, Ill. Railway-car truck. 1,475,180; Nov. 27.
Fluck, Hugo. (See Toussaint, H., and Fluck.)
Fluellen, John A., Hardy, Ky. Shopping bag. 1,475,008; Nov. 20.
Flues, Emil F., Buffalo, N. Y. Single-barrel firearm of the breakdown type. 1,450,496; Apr. 3.
Fluor, John S., Santa Ana, Calif. Wall and making same. 1,462,934; July 24.
Flydal, Martinus H., Hartford, Conn. Machine for the purpose of breaking in or seasoning violins. 1,467,576; Sept. 11.
Flynn, Daniel A., Mechanicville, N. Y. Differential gearing. 1,465,469; Aug. 21.
Flynn, Francis N., East Orange, N. J., and G. D. Van Arsdale, New York, N. Y. Electrolytic process. 1,448,923; Mar. 20.
Flynn, Frank, Newark, N. J. Mold for concrete structures. 1,445,939; Feb. 20.
Flynn, John W., assignor of one-third to F. W. Kavanaugh and one-third to C. H. Kavanaugh, Waterford, N. Y. Automobile locking mechanism. 1,456,922; May 29.
Flynt, Anthony I., Philadelphia, Pa. Mixing and beating device. 1,459,148; June 19.
Foamite Firefoam Company. (See Witter, Willis D., assignor.)
Foans, Andrew B., New York, N. Y. Race game. 1,457,901; June 5.
Foans, Andrew B., New York, N. Y., assignor to Kentucky Derby Company, Inc. Game. 1,475,154; Nov. 20.
Foard, Robert H., Cleveland, N. C. Veneer-cutting-machine spur bit and block. 1,459,587; June 19.
Focht, Nevin S., Pottstown, Pa. Shock absorber. 1,458,814; June 12.
Fodor, Steve, Orient, Ill. Burglar alarm. 1,476,502; Dec. 4.
Foell, Adolph L., Buffalo, N. Y., assignor to Donner Steel Company, Inc. Cooling bed. 1,448,395; Mar. 13.
Foelsing, Julia C. (See Steen, Axel W., assignor.)
Foerster, Remous, Noble, Ill. Wagon tongue and connection. 1,445,076; Feb. 13.
Fogal, John E. W., Quincy, Ill. Door-operating device. 1,453,550; May 1.
Fogal, John E. W., assignor to Fogal-Williams Safety Devices, Inc., Quincy, Ill. Elevator interlocking device. 1,453,551; May 1.
Fogal-Williams Safety Devices, Inc. (See Fogal, John E. W., assignor.)
Fogarty, Michael J., Brooklyn, N. Y. Nut-shelling machine. 1,474,468; Nov. 20.
Fogarty, William J., Dayton, Ohio. Holder for signs. Des. 62,481; June 12.
Fogel, Herbert B., Philadelphia, Pa. Filler for vehicle tires. 1,468,105; Sept. 18.
Fogg, Newell T., Sanford, Me. Life-saving device. 1,443,121; Jan. 23.
Foggan, Robert, Pleasantville, Pa. Cleaning oil wells. 1,448,997; Mar. 20.
Fogh, Carl S., assignor to Ore Roasting Development Company, Philadelphia, Pa. Furnacing process. 1,473,722; Nov. 13.
Fogh, Carl S., Philadelphia, Pa. Producing elemental sulphur. 1,473,723; Nov. 13.
Fogler, Ben B., Cleveland, Ohio, assignor to General Electric Company. Chemical apparatus. 1,456,102; May 22.
Foglia, Decimo. (See Sartore, Laurence, assignor.)
Fohn, Adolph E., Montgomery, assignor to Aurora Steel Products Company, Aurora, Ill. Switchbox. 1,459,502; June 19.
Fohr, Carl. (See Kleinschmidt, E., and Fohr.)
Folberth Auto Specialty Company, The. (See Folberth, Fred G. and W. M., assignors.)
Folberth, Fred G. and W. M., assignors to The Folberth Auto Specialty Company, Cleveland, Ohio. Windshield cleaner. 1,472,644; Oct. 30.
Folberth, Fred G. and W. M., assignors to The Folberth Auto Specialty Company, Cleveland, Ohio. Windshield cleaner. 1,475,625; Nov. 27.
Folberth, William M. (See Folberth, Fred G. and W. M.)
Folds, George R. (See Sands, R. G., Bogle, and Folds.)
Folds, George R., Evanston, assignor to Cook Electric Company, Chicago, Ill. Protective device. 1,463,945; Aug. 7.
Folds, George R., assignor to Cook Electric Company, Chicago, Ill. Electric fuse. 1,473,615; Nov. 13.
Foley, Bernard T., Virginia, Minn. Clothes guide for wringers. 1,467,367; Sept. 11.
Foley, Charles B., Inc. (See Foley, Charles B., assignor.)
Foley, Charles B., Bristol, Conn., assignor to Charles B. Foley, Inc., New York, N. Y. Multiple-unit induction furnace. 1,453,097; Apr. 24.
Foley, Hugh, Sourlake, Tex. Calculating device. 1,473,573; Nov. 6.

Foley, John F., assignor to Bliss Brothers Company, Attleboro, Mass. Powder container. 1,446,894; Feb. 27.

Foley, Joseph W., Los Angeles, Calif. Night and day auto shade. 1,478,276; Dec. 18.

Foley, Philip J., Chicago, Ill. Greenhouse and conservatory. 1,472,120; Oct. 30.

Foley, Timothy C., Renovo, Pa. Tool holder. 1,461,608; July 10.

Foley, Timothy J., New York, N. Y. Sprinkling apparatus. 1,468,860; Sept. 25.

Foley, Timothy J., New York, N. Y. Device for connecting pipes to boilers. 1,472,794; Nov. 6.

Foley, William P., and R. W. Knupp, Somerset, Pa. Gate. 1,472,645; Oct. 30.

Folgert, Joseph W., assignor of one-sixth to I. Brazelton, one-sixth to C. Hicks, one-sixth to N. L. Kneeland, one-sixth to H. J. Blanchard, and one-sixth to M. Heindl, Phillips, Wis. Window structure. 1,474,521; Nov. 20.

Folk, Charles E., Baltimore, Md. Mandrel for squaring pistons. 1,440,450; Jan. 2.

Folk, Joseph, assignor to U. S. Slicing Machine Company, Laporte, Ind. Slice collector for slicing machines. 1,477,254; Dec. 11.

Folkes, George E. (See Harvey, Albert E., assignor.)

Folkman, Morris, assignor of one-half to F. J. Chalus, Cleveland, Ohio. Badge-pin clasp. 1,467,368; Sept. 11.

Folkman, Morris, assignor of one-half to F. J. Chalus, Cleveland, Ohio. Fastener for cuff buttons, etc. 1,474,352; Nov. 20.

Folkman, Morris, assignor of one-half to F. J. Chalus, Cleveland, Ohio. Button fastener. 1,475,479; Nov. 27.

Foll, Gerald, Winnipeg, Manitoba, Canada. Attachment to gas stoves. 1,453,665; May 1.

Folland, Henry, Blackpill, near Swansea, and J. O. Powell, Gorseinon, Wales. Balancing carriage for conveying heavy goods. 1,466,524; Aug. 28.

Follansbee, Frank S., Grant Town, W. Va. Method of and apparatus for loading material. 1,458,043; June 5.

Folliard, Frank, Brooklyn, N. Y. Combined stepladder and scaffold. 1,474,250; Nov. 13.

Follin, Werner E., Jamestown, R. I. Torpedo. 1,474,027; Nov. 13.

Folmer, William F., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic optical system. 1,454,218; May 8.

Folmer, William F., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic-cut-film holder. 1,469,814; Oct. 9.

Folsche, Karl, Halle-on-the-Saale, Germany. Process and device for emptying beetroot silos. 1,459,621; June 19.

Folsom, Adelbert G., Chicago, Ill. Combined cigarette container and ash tray. Des. 63,291; Nov. 20.

Folsom, Alvin I., Dallas, Tex., assignor to French Battery and Carbon Company, Madison, Wis. Battery-cell container. 1,467,577; Sept. 11.

Folsom, Charles F., Malden, Mass. Brake mechanism for vehicles. 1,442,262; Jan. 16.

Foltz, Leroy S., assignor of one-half to V. E. Blake, Fort Collins, Colo. Automatic turn-off switch. 1,445,207; Feb. 13.

Fondiller, William, assignor to Western Electric Company, Incorporated, New York, N. Y. Treatment of magnetic material. 1,462,035; July 17.

Fondiller, William, assignor to Western Electric Company, Incorporated, New York, N. Y. Treatment of magnetic materials. 1,463,807; Aug. 7.

Fones, John H., Oakland, Calif. Wrench. 1,458,474; June 12.

Fontaine, Charles A., Paris, France. Combined comb and hair cutter. 1,454,715; May 8.

Fontaine, Marie A., Manchester, N. H. Abdominal supporter. 1,450,953; Apr. 10.

Fontaine, Robert A., Martinsville, Va. Speed-changing gearing. 1,466,933; Sept. 4.

Fontana, Domenico P., New York, N. Y. Attachment for lathes. 1,464,415; Aug. 7.

Fontana, Mark E., San Francisco, Calif. Macaroni drier. 1,445,011; Feb. 13.

Foord, Richard B., assignor to C. L. Wilson, Eltham Taranaki, New Zealand. Engineer's stethoscope. 1,466,825; Sept. 4.

Foote, Charles E., assignor to The Foote Company, Nunda, N. Y. Boom and bucket. 1,443,354; Jan. 30.

Foote, Charles E., assignor to The Foote Company, Nunda, N. Y. Boom and bucket for concrete pavers. 1,478,945; Dec. 25.

Foote Company, The. (See Foote, Charles E., assignor.)

Foote, Hugh S., assignor to Standard Chemical Company, Pittsburgh, Pa. Alloy. 1,446,497; Feb. 27.

Foote, James H., Cincinnati, Ohio. Sheave-bearing housing. 1,460,541; July 3.

Foote, Leonard, Pedro Miguel, Canal Zone, Panama. Gauge. 1,453,222; Apr. 24.

Foote, Leonard, Pedro Miguel, Canal Zone, Panama. Sealing ring. 1,463,360; July 31.

Foothorap, Harry A., Harrisburg, Pa., assignor to Elliott-Fisher Company. Core holder or support. 1,455,195; May 15.

Foothorap, Harry A., Harrisburg, Pa., assignor to Elliott-Fisher Company. Cross-footer register for writing adding machines. 1,455,196; May 15.

Foothorap, Harry A., assignor to Elliott-Fisher Company, Harrisburg, Pa. Ribbon mechanism for typewriting machines. 1,459,199; June 19.

Foothorap, Harry A., assignor to Elliott-Fisher Company, Harrisburg, Pa. Spacing mechanism. 1,459,200; June 19.

Footwear Development Company, The. (See Logan, Charles B., assignor.)

Forber, William, St. Helens, England. Truck for tramcars and the like. 1,474,771; Nov. 20.

Forbes, Albert. (See Smith, P. S., Forbes, and Simmons.)

Forbes, Alexander, Hampstead, London, England. Tennis and other racket press and case and the like. 1,457,356; June 5.

Forbes, Archibald W., Santo Domingo, Santo Domingo Republic, West Indies. Ball or roller bearing. 1,471,254; Oct. 16.

Forbes, Cullen C., Lubbock, Tex. Grain-heading machine. 1,474,251; Nov. 13.

Forbes, Edwin G., Berkeley, Calif. Combined ash tray and pipe rest. Des. 62,520; June 12.

Forbes, Kingston. (See Cody, M. T., Gray, and Forbes.)

Forbes, Kingston, Flint, assignor to General Motors Corporation, Detroit, Mich. Fastening device for motor-vehicle hoods. 1,451,662; Apr. 10.

Forbes Lithograph Manufacturing Company. (See Kohl, William H., assignor.)

Forbes Lithograph Manufacturing Company. (See Macdonald, John D., assignor.)

Forbes, Sumner, Brookline, assignor to Union Industrial Company, Boston, Mass. Spinning ring. 1,460,751; July 3.

Force, Gerald E., assignor to Helmet Cap Company, New York, N. Y. Collapsible-tube closure. 1,461,609; July 10.

Force, Gerald E., assignor to Helmet Cap Company, New York, N. Y. Radiator cap. 1,461,706; July 10.

Force, Raymond C. (See Thorsby, H. J., and Force.)

Force, William A., jr., Kew Gardens, assignor to Wm. A. Force & Company, Inc., New York, N. Y. Hand-stamp frame. 1,457,697; June 5.

Force, Wm. A., & Company. (See Force, William A., jr., assignor.)

Force, Wm. A., & Company. (See Spielman, Charles, assignor.)

Forcier, George J., Cleveland, Ohio. Cleaning device. 1,473,146; Nov. 6.

Forcier, William G., Wollaston, Mass. Ventilating system. 1,440,384; Jan. 2.

Forcier, William G., Wollaston, Mass. Building construction. 1,443,986; Feb. 6.

Ford, Albert M., Geneva, assignor to The Geneva Metal Wheel Company, Cleveland, Ohio. Metal wheel. 1,464,566; Aug. 14.

Ford, Azel. (See Clement, Edward E., assignor.)

Ford, Ben K., Oak Park, Ill. Capping machine. 1,448,026; Mar. 13.

Ford, Ben K., Oak Park, assignor to Fibre Can Corporation, Chicago, Ill. Container header. 1,447,345; Mar. 6.

Ford, Ben K., Oak Park, assignor to Union Bed and Spring Company, Chicago, Ill. Bedspring frame. 1,454,964; May 15.

Ford, Bruce, Philadelphia, Pa. Terminal seal for storage batteries. 1,472,391; Oct. 30.

Ford, Charles T., Washington, D. C. Making containers. 1,471,952; Oct. 23.

Ford, Clarence W., Philadelphia, Pa., assignor to Bosse-Ford Company, Arden, Del. Guide fixture for template rods. 1,449,506; Mar. 27.

Ford, Edward L., Youngstown, Ohio. Puddling and apparatus therefor. 1,442,934; Jan. 23.

Ford, Edward L., Youngstown, Ohio. Apparatus for conveying and handling puddle balls. 1,467,540; Sept. 11.

Ford, Edward L., Youngstown, Ohio. Means for delivering puddle balls from puddling furnaces. 1,467,541; Sept. 11.

Ford, Edward L., Youngstown, Ohio. Puddling. 1,475,762; Nov. 27.

Ford, Ethelbert T., assignor to Fordartic Refrigeration Company, Los Angeles, Calif. Compressor. 1,457,696; June 5.

Ford, Eugene A., West Newton, Mass., assignor to R. E. D. Engine Company, Inc., New York, N. Y. Slide-valve internal-combustion engine. 1,476,359; Dec. 4.

Ford, Fred J., Lowell, Mich. Rotary internal-combustion engine. 1,440,451; Jan. 2.

Ford, Hannibal C. (See Moakley, Henry M., assignor.)

Ford, Hannibal C., Jamaica, assignor to Ford Instrument Company, Inc., New York, N. Y. Range and bearing keeper. 1,450,585; Apr. 3.

Ford, Hannibal C., Jamaica, assignor to Ford Instrument Company, Inc., New York, N. Y. Circuit controller. 1,458,284; June 12.

Ford, Hannibal C., Jamaica, assignor to Ford Instrument Company, Inc., New York, N. Y. Sighting device. 1,468,712; Sept. 25.

Ford, Hannibal C., Jamaica, assignor to Ford Instrument Company, Inc., New York, N. Y. Calculating instrument. 1,472,590; Oct. 30.

Ford, Henry, Dearborn, Mich. Air washer and filter. 1,466,500; Aug. 28.

Ford, Henry, Hospital. (See Wood, Albert, assignor.)
Ford Instrument Company. (See Ford, Hannibal C., assignor.)
Ford Instrument Company, Inc., The. (See Makaroff, Wadim S., assignor.)
Ford Instrument Company. (See Meitner Elmer, assignor.)
Ford, James H., Mount Vernon, N. Y. Locking device for automobiles. 1,451,499; Apr. 10.
Ford, M. J., Manufacturing Company. (See Stern, Joseph H., assignor.)
Ford, Matthew A., Davenport, Iowa. Headlight for vehicles. 1,472,061; Oct. 30.
Ford Motor Company. (See Fishleigh, Walter T., assignor.)
Ford Motor Company. (See Galamb, Joseph, assignor.)
Ford Motor Company. (See Groven, Fredrick J., assignor.)
Ford Motor Company. (See Hayes, Charles J. W., assignor.)
Ford Motor Company of Delaware. (See Allison, Fred, assignor.)
Ford Motor Company of Delaware. (See Smith, James E., assignor.)
Ford, Nicholas E. (See Slezak, Vincent, assignor.)
Ford, Ralph L., Chicago, Ill., assignor, by mesne assignments, to International Harvester Company. Ratchet drive for hill drop planters. 1,443,173; Jan. 23.
Ford, Ralph L., Chicago, Ill., assignor to International Harvester Company. Superposed hopper for planters. 1,443,174; Jan. 23.
Ford, Ralph L., Chicago, Ill., assignor, by mesne assignments, to International Harvester Company. Latch mechanism. 1,452,479; Apr. 17.
Ford, Ralph L., Chicago, Ill., assignor to International Harvester Company. Three-row planter. 1,460,236; June 26.
Ford, Shirley S. (See Wood, Thomas E., assignor.)
Ford, Silas M. (See Wulff, Henry, assignor.)
Ford, Silas M., St. Paul, Minn. Machine for making shingles. 1,457,662; June 5.
Ford, Silas M., St. Paul, Minn. Shingle-making machine. 1,457,663; June 5.
Ford, Silas M., St. Paul, Minn. Machine for making lath boards. 1,457,664; June 5.
Ford, Silas M., St. Paul, Minn. Machine for making shingles and cleaning and lubricating dies. 1,463,314; July 31.
Ford-Smith, Percy. (See Parkhurst, Albert J., assignor.)
Ford, William H. D., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electromagnetic device. 1,459,824; June 26.
Ford, William H. D., assignor to Western Electric Company, Incorporated, New York, N. Y. Electromagnetic device. 1,464,091; Aug. 7.
Ford, William W., Philadelphia, Pa. Metal cover for tanks. 1,455,582; May 15.
Ford, William W., Avinger, Tex. Peanut harvester. 1,458,044; June 5.
Fordartic Refrigeration Company. (See Ford, Ethelbert T., assignor.)
Forder, Milton, Thief River Falls, Minn. Timer for automobiles. 1,464,383; Aug. 7.
Fording, William G., Cleveland, Ohio. Steering-wheel lock for motor vehicles. 1,464,175; Aug. 7.
Fordyce, Riley, Dixon, Ill. Hanger hook. 1,449,978; Mar. 27.
Fordyce, Riley, Dixon, Ill. Cable hanger. 1,455,330; May 15.
Foreman, Louis J., Jamaica, N. Y. Shoe-polishing kit. 1,476,604; Dec. 4.
Foreman, Samuel E., Paducah, Ky. Automatic carburetor control and indicator. 1,475,380; Nov. 27.
Forer, Morris, Springfield, Mass., assignor to Fendagard Corporation. Fender guard. 1,467,283; Sept. 4.
Foresman, Robert A., Chicago, Ill., assignor to Westinghouse Electric & Manufacturing Company. Underfeed stoker. 1,450,586; Apr. 3.
Forest Products Company. (See Hice, Robert L., assignor.)
Forester, Carl F., et al. (See Angell, Frank B., assignor.)
Forgy, Horatio J., trustee. (See Beale, Samuel C., assignor.)
Förisdal, Anton O., Lillehammer, Norway. Brush or broom holder. 1,478,213; Dec. 18.
Forkardt, Paul, Dusseldorf-Oberkassel, Germany. Centering device. 1,452,034; Apr. 17.
Forker, Edwin L., Los Angeles, Calif. Hinge pin. 1,478,706; Dec. 25.
Forman, Paris R., Rahway, N. J., assignor to National Pneumatic Company, New York, N. Y. Door and brake control mechanism. 1,445,012; Feb. 13.
Forman, Paris R., Rahway, N. J., assignor to National Pneumatic Company, New York, N. Y. Safety mechanism for power-operated doors. 1,475,482; Nov. 27.
Forman, Paris R., Chicago, Ill., assignor to National Pneumatic Company, New York, N. Y. Door-operating mechanism. 1,447,512; Mar. 6.
Forman, Paris R., Chicago, Ill., assignor to National Pneumatic Company, New York, N. Y. Door-operating mechanism. 1,476,703; Dec. 11.
Forman, Robert J. (See Kauffman, H. B., and Forman.)
Forman, Walter A., Brooklyn, N. Y. Valve or cock. 1,461,520; July 10.
Fornaca, Guido, Turin, Italy. Electrical system for automobiles. 1,447,241; Mar. 6.
Fornaca, Guido, Turin, Italy. Lamp or searchlight for vehicles. 1,447,378; Mar. 6.
Fornaca, Guido, Turin, Italy. Generator and battery control. 1,448,484; Mar. 13.
Fornaca, Guido, Turin, Italy. Propulsion of aircraft. 1,466,394; Aug. 28.
Forner, Sven. (See Bohlin, N., and Forner.)
Forney, Ernest S., Fullerton, Nebr. Grain shocker. 1,441,076; Jan. 2.
Forney, Frank, and R. H. Hoff, Detroit, Mich. Carburetor-controlling device. 1,461,521; July 10.
Forney, Garnet. (See Hoecker, Albert C., assignor.)
Fornia, Milton G., Carbonado, Wash. Baby walker or exerciser. 1,469,436; Oct. 2.
Forquer, Albert L., et al. (See Ricketts, Walter G., assignor.)
Forrest, Charles N., Rahway, N. J., assignor to The Barber Asphalt Company, Philadelphia, Pa. Bituminous emulsion. 1,464,928; Aug. 14.
Forrest, Charles N., Rahway, H. P. Hayden, Raritan Township, Middlesex County, N. J., and O. R. Douthett, Beaver Falls, Pa., assignors to The Barber Asphalt Paving Company, Philadelphia, Pa. Gilsonitic products. 1,459,328; June 19.
Forrest, Oscar E. (See Mallett, C. S., Forrest, and Monie.)
Forrest, Ralph S., Douglas, Ariz. Wood-wind instrument. 1,445,077; Feb. 13.
Forrest, William V. (See Sartakoff, J. D., and Forrest.)
Forrester, Ralph, Qualicum Beach, British Columbia, Canada. Polish for varnished, painted, or enameled surfaces. 1,441,337; Jan. 9.
Forrester, Samuel C., assignor to Fulton Bag & Cotton Mills, Atlanta, Ga. Fastening device for flexible printing plates. 1,464,068; Aug. 7.
Forry, Charles E., et al. (See Duncan, Arthur L., assignor.)
Forry, Charles E., assignor of one-third to E. H. Duncan and one-third to A. L. Duncan, Oakland, Calif. Pear-peeling apparatus. 1,467,616; Sept. 11.
Fors, Arthur R., assignor to Continental Motors Corporation, Detroit, Mich. Steady rest for grinding machines. 1,449,507; Mar. 27.
Fors, Arthur R., assignor to Continental Motors Corporation, Detroit, Mich. Machine for milling rods. 1,476,066; Dec. 4.
Forsberg, Erik A., assignor to Aktiebolaget Separator, Stockholm, Sweden. Liquid-discharge means in bowls of centrifugal separators. 1,464,416; Aug. 7.
Forsberg, Gustaf A. (See Weiser, W. W., and Forsberg.)
Forsberg, John, Chicago, Ill. Track raising and shifting apparatus. 1,458,402; June 12.
Forsberg, Oscar F., Yonkers, assignor to Western Electric Company, Incorporated, New York, N. Y. Adjustable mounting for terminal-bank panels. 1,456,500; May 29.
Forsberg, Oscar F., Yonkers, and R. M. de Vignier, Hollis, assignors to Western Electric Company, Incorporated, New York, N. Y. Automatic switch. 1,472,465; Oct. 30.
Forsberg, Peter W., Schenectady, N. Y., assignor to General Electric Company. Power transmission and electric braking. 1,466,584; Aug. 28.
Forsburg, Charles M., Williamsport, Pa. Fish and bait carrier. 1,465,814; Aug 21.
Forse, Edwin B., Perth Amboy, N. J., assignor to The Carborundum Company, Niagara Falls, N. Y. Refractory article. 1,473,286; Nov. 6.
Forse, Harry D., Anderson, Ind. Throttle pedal for motor vehicles. 1,449,390; Mar. 27.
Forse, William T., F. W. Jones, jr., and G. Walters, London, England, assignors to Columbia Graphophone Manufacturing Company, Bridgeport, Conn. Phonograph-record material. 1,468,608; Sept. 18.
Forse, William T., F. W. Jones, jr., and G. Walters, London, England, assignors to Columbia Graphophone Manufacturing Company, Bridgeport, Conn. Plastic composition of matter having a basis of cellulose ester. 1,468,609; Sept. 18.
Forshee, Frank F., Flint, Mich., assignor to Westinghouse Electric Products Company. Electric heating system for ironing machines. 1,451,539; Apr. 10.
Forshee, Frank F., Flint, Mich., assignor to Westinghouse Electric Products Company. Aluminum dirt tray and reflector. 1,456,873; May 29.
Forshee, Frank F., Flint, Mich., assignor to Westinghouse Electric Products Company. Immersion water heater. 1,477,339; Dec. 11.
Forshee, Frank F., Flint, Mich., assignor to Westinghouse Electric Products Company. Electric coffee percolator. 1,477,340; Dec. 11.
Forsman, Andrew, Iron River, assignor of one-half to A. Beauchamp and E. Beauchamp, one-tenth to H. McPhee, one-tenth to E. Greenwood, Iron County, and one-twentieth to A. E. Stuht, Iron River, Mich. Automatic boltless rim. 1,456,375; May 22.
Forsman, Stanton W., Los Angeles, assignor to The Paraffine Companies, Inc., San Francisco, Calif. Croze ring for barrels. 1,453,068; Apr. 24.
Forsman, Stanton W., Los Angeles, Calif., assignor to The Paraffine Companies, Inc. Barrel construction. 1,464,869; Aug. 14.
Forssberg, Hilda M., Brooklyn, N. Y. Manual tool. 1,441,194; Jan. 2.
Forssblad, Nils R., Vasteras, Sweden. Electric steam and hot-water boiler. Re15,710; Oct. 30.
Forssman, Villehad H., Cologne, Germany. Production of homogeneous wood material and the product thereof. 1,465,937; Aug. 28.

Forssman, Villehad H., Cologne, Germany. Treatment of wood material and the product thereof. 1,469,362; Oct. 2.
Forst, Daniel P. (See Semashko, John J., assignor.)
Forster, Albert O. and P. M., Berkeley, Calif. Trap nest. 1,443,609; Jan. 30.
Forster, Albert O. and P. M., Berkeley, Calif. Trap nest. 1,467,149; Sept. 4.
Forster, Eugene. (See Riddell, S. F. J., and Forster.)
Forster, George, Philadelphia, Pa. Notifying or call device for telephones. 1,453,453; May 1.
Forster, Hugh C., assignor of one-half to A. Pucker, Kansas City, Mo. Invisible belt coupling. 1,469,257; Oct. 2.
Forster, John C., Pittsburgh, Pa. Gyroscopic top and making same. 1,451,818; Apr. 17.
Förster, Paul, assignor to Aktiengesellschaft vorm. Adolf Finze & Co., Nuremberg, Germany. Chuck jaw. 1,453,045; Apr. 24.
Forster, Percy M. (See Forster, Albert O. and P. M.)
Förster, Rudolf, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Apparatus for the finely-graduated regulation of a current strength. 1,465,214; Aug. 14.
Forsyth, Albert E., Greenbush, Ontario, Canada. Gear. 1,470,718; Oct. 16.
Forsyth, Alexander, assignor to A. M. Fraser, Westboro, Mass. Center punch. 1,461,032; July 10.
Forsyth, George H., Harvey, Ill. Forming and tempering disk wheels. 1,457,772; June 5.
Forsyth, George H., Chicago, Ill. Disk-wheel assembly. 1,470,222; Oct. 9.
Forsyth, John A., Nemacolin, assignor of one-fourth to C. J. Smith, Uniontown, Pa. Apparatus for loading coal. 1,476,882; Dec. 11.
Forsyth, William M., assignor of one-half to J. P. Voss, Dubach, La. Brake for vehicles. 1,468,014; Sept. 18.
Forsythe, John W., Wilkinsburg, Pa. Dumping bucket. 1,449,661; Mar. 27.
Fort Dearborn Manufacturing Co. (See Mott, Carl W., assignor.)
Fort Dearborn Watch & Clock Company. (See Weibezahn, Carl T., assignor.)
Fort, Morris. (See Mackenzie, R. W. R., Robinson, Fort, and Lumsden.)
Fort Orange Paper Company. (See Bashwiner, Charles, assignor.)
Fort Pitt Bedding Company. (See Trimble, Charles P., assignor.)
Fort Wayne Engineering & Manufacturing Co. (See Astrom, John I., assignor.)
Fort Worth Well Machinery & Supply Company. (See Parr, Harris G., assignor.)
Fortescue, Charles L. (See Dann, W. M., and Fortescue.)
Fortescue, Charles L., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrolytic condenser. 1,453,388; May 1.
Fortescue, Charles L., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Frequency changer. 1,464,503; Aug. 14.
Fortescue, Charles L., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Phase balancer. 1,466,277; Aug. 28.
Fortescue, Charles L., Pittsburgh, and L. J. Hibbard, Wilkinsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. System of control. 1,472,161; Oct. 30.
Fortier, Henry J., assignor, by mesne assignments, of one-half to G. W. Pearson, Lowell, Mass. Spinning frame. 1,443,218; Jan. 23.
Fortin, Paul R., Schenectady, N. Y., assignor to General Electric Company. Electrical apparatus. 1,441,532; Jan. 9.
Forton, George, Detroit, Mich. Handsaw. 1,451,211; Apr. 10.
Forton, George, Detroit, Mich. Combined pipe and nut wrench. 1,461,522; July 10.
Fortoni, Luigi, London, England. Music typewriter. 1,478,946; Dec. 25.
Fortuna Machine Company. (See Berrer, August, assignor.)
Fortunati, Alexander J., Boston, Mass. Parallelometer. 1,447,774; Mar. 6.
Fortunato, Louis, Wilmington, Del. Talking machine. 1,442,331; Jan. 16.
Forward, Chauncey B., Urbana, Ohio. Apparatus adapted to distill crude petroleum. 1,442,935; Jan. 23.
Forward, Chauncey B., Urbana, Ohio. Oil burner. 1,445,208; Feb. 13.
Forward, Chauncey B., Urbana, Ohio. Steam superheater. 1,466,278; Aug. 28.
Forward, Chauncey B., Urbana, Ohio. Refining oil. 1,473,402; Nov. 6.
Fosberg, Charles A., Portland, Oreg. Drag saw. 1,444,869; Feb. 13.
Fosdick Machine Tool Company, The. (See Larsh, James E., assignor.)
Fosdick, Robert E., Cincinnati, Ohio. Grinding apparatus. 1,455,286; May 15.
Foshee, David J., Red Level, Ala. Roost. 1,456,056; May 22.
Fosheim, Anton, and A. Simons, Grand Haven, Mich. Refrigerator. 1,471,516; Oct. 23.
Foss, Anton N. (See Haughom, J., and Foss.)
Foss, Antonius, Christiania, and T. Mejdell, Skoien, near Christiania, assignors to Norsk Hydro-Elektrisk Machinery Corporation, Paterson, N. J. Edge-finishing machine. 1,464,504; Aug. 14.
Foss, Edwin L. (See Werner, Max F., assignor.)
Foss, James L., Los Angeles, Calif. Derrick hook. 1,471,117; Oct. 16.
Foss, Laurence M., Amesbury, Mass. Window-operating mechanism. 1,461,610; July 10.
Foss, Laurence M., assignor to G. W. J. Murphy Company, Amesbury, Mass. Securing means for fastener elements. 1,462,463; July 17.
Foss, Leland L., Pulaski, Ga. Cotton-roping ginning machine. 1,440,452; Jan. 2.
Foss, Manton E., Wilder, Minn. Valve-spring compressor. 1,443,018; Jan. 23.
Foss, Walter L., Windom, Minn. Grass-digging implement. 1,454,580; May 8.
Foss, William A., Cleveland, Ohio. Artificial bait. 1,440,869; Jan. 2.
Fossa, Joseph, Danvers, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Finishing the edges of sheet material. 1,464,650; Aug. 14.
Fossa, Joseph, Danvers, Mass., assignor to United Shoe Kvaelstofaktieselskab, Christiania, Norway. Producing ammonium nitrate and aluminum hydroxide. 1,464,984; Aug. 14.
Fossa, Joseph, Danvers, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 1,475,009; Nov. 20.
Fossett, Hal D. (See Ayers, D., and Fossett.)
Foster, Alex. (See Peters, W. K., and Foster.)
Foster, Benjamin B., Renville, Minn. Attachment for can closures. 1,456,791; May 29.
Foster Brothers Manufacturing Company. (See Foster, William B., assignor.)
Foster, Charles A., assignor of one-half to N. Strippy, Baltimore, Md. Game. 1,474,961; Nov. 20.
Foster, Charles B., Buffalo, N. Y. Convertible sink and washing device. 1,461,979; July 17.
Foster, Charles J., Higby, and R. D. Simpson, Columbus, Ohio. Fastener for vehicle curtains. 1,452,150; Apr. 17.
Foster, Clarence B., Glendale, assignor to Union Tool Company, Torrance, Calif. Power hitch for pump cables. 1,477,817; Dec. 18.
Foster, Daniel M., Youngstown, Ohio. Mounting for thermocouple wells. 1,478,821; Dec. 25.
Foster, Donovan, and L. L. Middelkamp, Seattle, Wash. Searchlight. 1,446,248; Feb. 20.
Foster, Edward E., Beverly, assignor to C. C. Blake, Incorporated, Boston, Mass. Thread-measuring mechanism for sewing machines. 1,467,284; Sept. 4.
Foster, Emory M., assignor to The Hydraulic Pressed Steel Company, Cleveland, Ohio. Guide mechanism for sheet-metal-rolling machines. 1,440,385; Jan. 2.
Foster, Frank, Preston, England. Inking mechanism for printing presses. 1,465,900; Aug. 21.
Foster, Frank E. (See Everett, Thomas L., assignor.)
Foster, Garfield, Fairfield, Ala. Scrubbing device. 1,469,077; Sept. 25.
Foster, Harry C., assignor to Indiana Lamp Company, Connersville, Ind. Latch for headlights. 1,445,392; Feb. 13.
Foster, Harry S., et al. (See Youlten, William, assignor.)
Foster, Henry J., assignor to Hydraulic Pressed Steel Company, Cleveland, Ohio. Metallic reenforcement for concrete. 1,449,855; Mar. 27.
Foster, Henry J., and O. Thomas, assignors to The Hydraulic Pressed Steel Company, Cleveland, Ohio. Forming sheet-metal barrel chimes. 1,461,729; July 17.
Foster, Henry J., E. Gruenfeldt, Cleveland, and G. C. Brainard, East Cleveland, assignors to The Hydraulic Pressed Steel Company, Cleveland, Ohio. Sheet-metal barrel and making same. 1,441,674; Jan. 9.
Foster, James D. (See Koester, W. J., and Foster.)
Foster, John F., Fort Madison, Iowa. Roller-bearing cage. 1,444,964; Feb. 13.
Foster, John M., Fulton, N. Y. Powder box and puff. 1,464,758; Aug. 14.
Foster, John P., Paia, Hawaii. Apparatus for the manufacture of ether. 1,474,772; Nov. 20.
Foster, John P., and A. F. Misener, Paia, Hawaii. Continuous distilling apparatus. 1,466,221; Aug. 28.
Foster-Johnson Reamer Company. (See Johnson, William B., assignor.)
Foster, Joseph B., Roanoke, Va. Dental bridge. 1,475,808; Nov. 27.
Foster Machine Company. (See Kylin, Oskar, assignor.)
Foster Machine Company. (See McKean, John O., assignor.)
Foster, Mary R., Washington, D. C. Telephone cover. 1,473,180; Nov. 6.
Foster, Merriam and Company. (See Fay, Edward F., assignor.)
Foster, Merriam and Company. (See Johnson, Nelson C., assignor.)
Foster, Merriam and Company. (See Rowntree, Frank L., assignor.)
Foster, T. Clyde, assignor to Theodore W. Foster & Bro. Co., Providence, R. I. Vanity box. Des. 63,028; Sept. 18.

Foster, T. Clyde, assignor to Theodore W. Foster & Bro. Co., Providence, R. I. Vanity box. Des. 63,029; Sept. 18.
Foster, T. Clyde, assignor to Theodore W. Foster & Bro. Co., Providence, R. I. Vanity box. Des. 63,030; Sept. 18.
Foster, Theodore C., assignor to Theodore W. Foster & Bro. Co., Providence, R. I. Vanity box. 61,753; Jan. 2.
Foster, Theo W., & Bro. Co. (See Wilson, Ralph W., assignor.)
Foster, Theodore W., & Bro. Co. (See Foster, T. Clyde, assignor.)
Foster, Theodore W., & Bro. Co. (See Foster, Theodore C., assignor.)
Foster, Theodore W., & Bro. Co. (See Foster, Theodore W., assignor.)
Foster, Theodore W., Providence, R. I., assignor to Theodore W. Foster and Brother Company. Vanity case. Des. 61,762; Jan. 9.
Foster, Theodore W., assignor to Theodore W. Foster & Bro. Co., Providence, R. I. Mirror, brush, or similar article. Des. 61,857; Jan. 30.
Foster, Theodore W., assignor to Theodore W. Foster & Bro. Co., Providence, R. I. Handle for toilet and manicure implements or similar articles. Des. 62,021; Mar. 6.
Foster, Theodore W., assignor to Theodore W. Foster & Bro. Co., Providence, R. I. Vanity case. Des. 62,200; Apr. 10.
Foster, Theodore W., Providence, R. I., assignor to Theodore W. Foster and Brother Company. Vanity case. Des. 62,443; June 5.
Foster, Theodore W., assignor to Theodore W. Foster Brothers Company, Providence, R. I. Powder-cake holder. 1,465,548; Aug. 21.
Foster, Walter H. (See Eden, James A., jr., assignor.)
Foster, Walter H. (See Savieo, Charles L., assignor.)
Foster, Walter L., Whittier, Calif. Water indicator for oil wells. 1,440,778; Jan. 2.
Foster, William B., assignor to Foster Brothers Manufacturing Company, Utica, N. Y. Detachable knot or fastener for coiled springs. 1,461,895; July 17.
Foster, William B., assignor to Foster Brothers Manufacturing Company, Utica, N. Y. Covered spring structure. 1,466,617; Aug. 28.
Fostoria Glass Company. (See Dalzell, Harry G., assignor.)
Fouché, Alfred L., Atlanta, Ga. Demountable rim. 1,463,260; July 31.
Fouke, Philip B., St. Louis, Mo. Smoke producer. 1,443,464; Jan. 30.
Foulke, Francis E., Philadelphia, Pa., assignor to Maximum Motors Co., Inc., New York, N. Y. Internal-combustion engine. 1,473,031; Nov. 6.
Foulkes, Thomas. (See Fenn, Thomas H., assignor.)
Foundation Oven Corporation. (See Roberts, William E., assignor.)
Foundation Oven Corporation. (See Schrader, Lloyd F., assignor.)
Four Wheel Hydraulic Brake Company. (See Loughead, Malcolm, assignor.)
Fourcher, Harry E., Augusta, Ga. Game apparatus. 1,441,221; Jan. 9.
Fourniaud, Léon J. B., Marseille, France. Rim for wheels of vehicles. 1,452,831; Apr. 24.
Fourniaud, Léon J. B., Marseille, France. Rim for wheels of vehicles. 1,452,832; Apr. 24.
Fournier, Albert A., Ottawa, Ontario, Canada. Shirt construction. 1,471,457; Oct. 23.
Fournier, Albert A., Ottawa, Ontario, Canada. Soft cuff. 1,471,596; Oct. 23.
Fournier, Joseph, Central Falls, R. I. Bobbin holder. 1,472,591; Oct. 30.
Fournier, Louis, and G. Mang, Paris, France. Computing machine. 1,454,716; May 8.
Fouse, Frederick W., Muskogee, Okla. Spirit level. 1,462,231; July 17.
Fousse, Charles C., Wheeling, W. Va. Violin attachment. 1,446,038; Feb. 20.
Foute, Raymond R., Chicago, Ill. Automatic stop for phonographs. 1,449,662; Mar. 27.
Fowle, Arthur E., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Method of and apparatus for drawing sheet glass. 1,447,654; Mar. 6.
Fowle, James E. Z., Preuss, Oreg. Oven attachment for automobiles. 1,461,142; July 10.
Fowler, Adele. (See Riethmiller, O. C., and Fowler.)
Fowler, Albert M., and W. H. Caulfeild, Fairoaks, Calif., assignors to California Almond Growers Exchange, San Francisco, Calif. Almond bleacher and sulphur feeder. 1,471,597; Oct. 23.
Fowler, Alfred B., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Inseam-trimming machine. 1,474,353; Nov. 20.
Fowler, Alfred B., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Stop mechanism. 1,477,699; Dec. 18.
Fowler, Charles, Tomkins Cove, N. Y. Insect catcher. 1,470,435; Oct. 9.
Fowler, Charles, Tomkins Cove, N. Y. Insect catcher. 1,478,330; Dec. 18.
Fowler, Clarence B., New York, N. Y. Paper-punch cleaner. 1,444,736; Feb. 6.
Fowler, Claude F. (See Lalle, P. A., and Fowler.)
Fowler, Claude F., Buffalo, N. Y. Key guard. 1,466,395; Aug. 28.
Fowler, Elbert, Baltimore, Md. Machine gun. 1,451,443; Apr. 10.
Fowler, Elbert, Baltimore, Md., assignor, by mesne assignments, to G. Rawak, New York, N. Y. Electric clock. 1,458,647; June 12.
Fowler, Ewell E., East Point, Ga., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,457,107; May 29.
Fowler, Gordon F., Oak Park, Ill., assignor to Sears, Roebuck and Company. Device for adjusting bowls and bowl spindles on centrifugal separators. 1,459,909; June 26.
Fowler, Joseph E., Worcester, Mass. Burner. 1,447,842; Mar. 6.
Fowler, Lewis D., Oklahoma, Okla. Automobile radiator. 1,451,871; Apr. 17.
Fowler, Otis L., Lynbrook, N. Y. Device for heating and purifying water. 1,445,134; Feb. 13.
Fowler, Preston, Gordon, Nebr. Auxiliary air valve. 1,471,255; Oct. 16.
Fowler, Reginald H. (See Graul, W. L., and Fowler.)
Fowler, Samuel H. M., Junee, New South Wales, Australia. Grain distributor for conveyer belts. 1,447,069; Feb. 27.
Fowler, Victor M., Spokane, Wash. Direction indicator. 1,475,293; Nov. 27.
Fowler, William A., Lowell, Ind. Stage setting. 1,449,170; Mar. 20.
Fowler, William C., Birmingham, Ala. Convertible vehicle body. 1,451,016; Apr. 10.
Fowler, William E., jr., Pittsburgh, Pa., assignor to Liberty Steel Products Company, Inc. Brake-beam strut. 1,474,110; Nov. 13.
Fowler-Williams Company. (See Williams, George G., assignor.)
Fowler, Zack T., San Jose, Calif. Fruit-pitting machine. 1,443,621; Jan. 30.
Fowls, Andrew C., New Philadelphia, Ohio. Traffic signal or indicator. 1,456,923; May 29.
Fox, Ansley H., assignor to Fox Motor Car Company, Philadelphia, Pa. Air-cooling system for engines of motor vehicles. 1,464,357; Aug. 7.
Fox, Catherine A. (See Marsh, Hugh M., assignor.)
Fox, Charles A., Taft, Calif. Producing building material. 1,442,764; Jan. 16.
Fox, Charles A., New York, N. Y. Box. 1,463,074; July 24.
Fox, Charles J. (See Sorensen, F. F., and Dyer, assignors.)
Fox, Eston F., Williamsport, Md. Toy. 1,450,282; Apr. 3.
Fox, Frank, Chesaw, Wash. Drag saw. 1,461,388; July 10.
Fox, Frank H. (See Wallace, P. B., and Fox.)
Fox, Fred, Lima, Ohio. Automobile signal. 1,472,592; Oct. 30.
Fox, Gordon, assignor to Freyn, Brassert & Co., Chicago, Ill. Fluid-pressure regulator. 1,467,721; Sept. 11.
Fox, Harold K., Fresno, and G. J. Fisher, Big Creek, Calif. Concrete-mixing machine. 1,451,819; Apr. 17.
Fox, Lena E., Satanta, Kans. Stiffener for skirt bands and the like. 1,474,190; Nov. 13.
Fox, Lewis D., Fort Worth, Tex. Automobile title abstract and identification system. 1,470,604; Oct. 16.
Fox, Louis. (See Cranage, Harry B., assignor.)
Fox Machine Company. (See Fox, W. R., and Corwin, assignors.)
Fox Motor Car Company. (See Fox, Ansley H., assignor.)
Fox, Ralph P., Harrisburg, Pa. Wheeled toy. 1,461,651; July 10.
Fox, Ray M., Los Angeles, Calif. Automobile foot-steering device. 1,471,393; Oct. 23.
Fox, Rudolph H., Hartford, Conn. Method and apparatus for making ball bearings. 1,441,842; Jan. 9.
Fox, William F., et al. (See Cryan, William H., assignor.)
Fox, William H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for making catheters. 1,473,403; Nov. 6.
Fox, William R., and H. D. Corwin, assignors to Fox Machine Company, Jackson, Mich. Multiple-drilling machine. 1,453,008; Apr. 24.
Fox, Willis H., assignor of one-half to The C. G. Carlson Ice Cream Company, Denver, Colo. Ice-cream-cutting machine. 1,457,624; June 5.
Foxall, Sydney H. (See Fisher, Henry A., assignor.)
Foxboro Company, The. (See Bristol, Edgar H., assignor.)
Foxboro Company, The. (See Watts, Edward J., assignor.)
Foxon, Horace M., Brockton, assignor to Lapworth Webbing Company, Stoughton, Mass. Spiral puttee. 1,452,680; Apr. 24.
Foye, William H., Seattle, Wash. Elevator safety device. 1,473,147; Nov. 6.

Fraher, Philip H., Holbrook, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Connection of pieces of shoe stock. 1,442,870; Jan. 23.

Frahm, Carl A., assignor, by mesne assignments, to United Alloy Steel Corporation, Canton, Ohio. Sheet-trimming machine. 1,461,796; July 17.

Fraidus, Joe, Newark, N. J., assignor to S. Schniper, New York, N. Y. Machine for making radiator-core sections. 1,449,596; Mar. 27.

Fraim-Slaymaker Hardware Co. Inc. (See Miller, George M., assignor.)

Frakes, Merton L. (See Young, J., and Frakes.)

Fraley, Lawrence V., Chicago, Ill., assignor, by mesne assignments, to Standard Conveyor Company, North St. Paul, Minn. Portable hoist. 1,444,737; Feb. 6.

Fraley, Lawrence V., Chicago, Ill., assignor, by mesne assignments, to Standard Conveyor Company, North St. Paul, Minn. Take-up and adjustable roller. 1,456,726; May 29.

Frame, Archie J., Miami, Fla., assignor of one-half to F. L. Felix, Hartford, Ky. Dispensing device. 1,466,896; Sept. 4.

Frament, William A., Cohoes, N. Y. Artificial bait. 1,442,332; Jan. 16.

Framjee, George F., Palmerston North, assignor of one-half to A. Waterworth, Wellington, New Zealand. Photographic developing tank. 1,448,396; Mar. 13.

France, Antoine, Liege, Belgium. Wet sorting apparatus. 1,441,571; Jan. 9.

France, Antoine, Liege, Belgium. Mineral-washing plant. 1,460,196; June 26.

France, Antoine, Liege, Belgium. Apparatus for washing and sorting coal and other minerals. 1,464,035; Aug. 7.

France, Antoine, Liege, Belgium. Mineral-washing plant. 1,476,243; Dec. 4.

France, Arthur G., London, England. Secondary air-supply means for internal-combustion engines. 1,467,617; Sept. 11.

France, Roy F., Chicago, Ill. Hose reel. 1,441,572; Jan. 9.

France, William A., Philadelphia, Pa. Manufacture of self-hardening refractory articles. 1,451,540; Apr. 10.

Franchi, Aldo M., assignor to Franchi Ringless Piston Corporation, New York, N. Y. Piston. 1,456,727; May 29.

Franchi, Aldo M., assignor to Franchi Ringless Piston Corporation, New York, N. Y. Piston. 1,474,354; Nov. 20.

Franchi, Joseph. (See Marcello, Frank A., assignor.)

Franchi Ringless Piston Corporation. (See Franchi, Aldo M., assignor.)

Franchot, Richard, Niagara Falls, N. Y., and K. P. McElroy, assignors to Ferro Chemicals, Inc., Washington, D. C. Manufacture of phosphorus. 1,441,573; Jan. 9.

Franchot, Richard, Niagara Falls, N. Y., and K. P. McElroy, assignors to Ferro Chemicals Inc., Washington, D. C. Iron smelting. 1,466,644; Aug. 28.

Francis, Albert W., Latrobe, assignor to C. H. Hook, Pittsburgh, Pa. Snap-acting gas-control valve. 1,477,641; Dec. 18.

Francis, Edgar A., Marshalltown, Iowa. Gauge. 1,465,920; Aug 21.

Francis, Frank, Winnipeg, Manitoba, Canada. Fuel saver. 1,475,809; Nov. 27.

Francis, Harry G., Rushville, Ind. Roller scraper bar for glue-spreading machines. 1,464,813; Aug. 14.

Francis, Jacob R. (See Heginbottom, Walter G., assignor.)

Francis, Jacob R., Flint, Mich. Means for heating intake manifolds for internal-combustion engines. 1,447,975; Mar. 13.

Francis, Jacob R., Flint, Mich. Thermostatic heat control for internal-combustion engines. 1,464,759; Aug. 14.

Francis, William H., Cherryvale, Kans. Surfacing machine. 1,454,731; May 8.

Franck, Val F., assignor of one-third to C. A. Rowland and one-third to W. H. Rowland, Louisville, Ky. Transmission band. 1,458,815; June 12.

Franckaerts, Emile, San Francisco, Calif. Door holder, 1,443,570; Jan. 30.

Francke, Rudolph C., Milwaukee, Wis. Box-car unloader. 1,473,815; Nov. 13.

Franco, Cesare, assignor of one-half to C. Fabrizio, New York, N. Y. Film shifter for cameras. 1,443,019; Jan. 23.

Franco Electric Corporation. (See Barany, Edmund R., assignor.)

Franco Electric Corporation. (See Barany, E. R., and Manson, assignors.)

Franco Electric Corporation. (See Barany, E. R., and Pritchard, assignors.)

Franco, Ernest, Philadelphia, Pa. Pastry shell. Des. 63,075; Oct. 2.

Franco, Raffaele, and G. Ester, Newark, N. J. Direction indicator for vehicles. 1,455,331; May 15.

Frangos, Charles S., Newark, N. J. Motion-picture machine. 1,468,499; Sept. 18.

Frank, Arthur A., Milwaukee, Wis., assignor, by mesne assignments, to The Fisk Rubber Company, Chicopee Falls, Mass. Tire. Des. 63,292; Nov. 20.

Frank, Benjamin M., New York, assignor to Greenpoint Metallic Bed Co., Brooklyn, N. Y. Ornament for bedstead frames. Des. 63,142; Oct. 16.

Frank, Benjamin M., New York, assignor to Greenpoint Metallic Bed Co., Brooklyn, N. Y. Ornament for bedstead frames. Des. 63,143; Oct. 16.

Frank, Benjamin M., New York, assignor to Greenpoint Metallic Bed Co., Brooklyn, N. Y. Ornament for bedstead frames. Des. 63,144; Oct. 16.

Frank, Benjamin M., New York, assignor to Greenpoint Metallic Bed Co., Brooklyn, N. Y. Ornament for bedstead frames. Des. 63,145; Oct. 16.

Frank, Benjamin M., New York, assignor to Greenpoint Metallic Bed Co., Brooklyn, N. Y. Ornament for bedstead frames. Des. 63,146; Oct. 16.

Frank, Daniel W. L., Chicago, Ill. Level and plumb. 1,456,431; May 22.

Frank, David W., Bethlehem, Pa. Sewing stand. 1,447,775; Mar. 6.

Frank, Julius, and J. D. Pirtle, Chicago, Ill. Almond blanching machine. 1,458,695; June 12.

Frank, Louis J. (See Katz, Samuel, assignor.)

Frank, Ross E., Detroit, Mich. Bottle holder. 1,456,728; May 29.

Frank, Walter D., and F. M. Case, Cleveland, Ohio, assignors to General Electric Company. Printing machine. 1,463,504; July 31.

Frank, William J., Baltimore, Md. Welding torch. 1,465,390; Aug. 21.

Franke, Fred, & Company. (See Franke, F., Miller, and Roberts, assignors.)

Franke, Fred, J. E. Miller, and E. E. Roberts, Louisville, Ky., assignors, by mesne assignments, to Fred Franke & Company. Mattress cleaning, mixing, opening, and filling machine. 1,442,871; Jan. 23.

Franke, William G., Detroit, Mich. Conduit outlet box. 1,456,792; May 29.

Frankel, Fridolf, Stockholm, Sweden. Metal sounding board for pianos. 1,440,667; Jan. 2.

Frankel, Louis. (See Voigt, Max T., assignor.)

Frankland, Edwin, Pontiac, Mich. Spring suspension for vehicles. 1,467,784; Sept. 11.

Franklin, Abraham L., Sentinel, Okla. Water-power device. 1,446,697; Feb. 27.

Franklin Air Compressor Works. (See Dyson, Robert G., assignor.)

Franklin Baker Company, The. (See Cooper, Simon, assignor.)

Franklin Baker Company, The. (See Tenney, D., and Walsh, assignors.)

Franklin, Charles A., Philadelphia, Pa. Face-turning machine. 1,478,331; Dec. 18.

Franklin, E. I., & Co. (See Willis, Warren E., assignor.)

Franklin, H. H., Mfg. Company. (See Emond, William H., assignor.)

Franklin, H. H., Mfg. Company. (See Yarian, James L., assignor.)

Franklin, Harrison. (See Clark, Leo, assignor.)

Franklin, Isaac, Baltimore, Md. Crab-net frame. 1,464,092; Aug. 7.

Franklin, James O. (See Moore, Marquis L., assignor.)

Franklin, Joseph A., Rensselaer, N. Y. Merry-go-round. 1,456,228; May 22.

Franklin, Louis, New York, N. Y. Combination flash light and toilet article. 1,449,391; Mar. 27.

Franklin Optical Company. (See Bugbee, Lucian W., assignor.)

Franklin Railway Supply Company. (See Martin, Frederick W., assignor.)

Franklin Railway Supply Company. (See Peters, Frank R., assignor.)

Franklin Railway Supply Company. (See Roberts, Montague H., assignor.)

Franklin Railway Supply Company. (See Woodard, William E., assignor.)

Franklin, Raymond. (See Bonnet, F. C., and Franklin.)

Franklin, Sterling B., and G. S. Younkin, Arkansas City, Kans. Light shield and reflecting device. 1,451,017; Apr. 10.

Franklin, William H., jr., Merrimac, Mass. Gas-cock lock. 1,454,433; May 8.

Franklin, William T., et al. (See Jaeger, Carl, assignor.)

Franks, Charles, et al. (See Bahr, August T. J., assignor.)

Franks, Norvin H., assignor to Cabranette Corporation, Chicago, Ill. Combined range and cabinet. Des. 62,047; Mar. 13.

Franks, Norvin H., assignor to Cabranette Corporation, Chicago, Ill. Combined refrigerator and cabinet. Des. 62,984; Sept. 4.

Franks, Walter H., Warthen, Ga. Insecticide distributor. 1,474,668; Nov. 20.

Franks, Wiley C., et al. (See Wolfe, Clinton M., assignor.)

Frankois, Paul, Nanticoke, Pa. Photographic enlarging apparatus. 1,465,123; Aug. 14.

Franovich, Dominick, Venice, La. Drydock. 1,453,666; May 1.

Franquist, Gustave E., assignor to James Cunningham, Son & Company, Rochester, N. Y. Fastening device. 1,452,196; Apr. 17.

Alphabetical list of patentees—Continued.

Fransson, Frans J., Stockholm, Sweden, assignor to American Gasaccumulator Company, Elizabeth, N. J. Light-controlled means for opening and closing an electric circuit. 1,461,523; July 10.

Frantz, James, assignor to White American Locomotive Sander Company, Inc., Roanoke, Va. Locomotive sander. 1,442,061; Jan. 16.

Frantz Manufacturing Company. (See Frantz, Peter, assignor.)

Frantz, Peter, assignor to Frantz Manufacturing Company, Sterling, Ill. Making hinges. 1,467,244; Sept. 4.

Franzén, Frans A., Lund, Sweden. Lock for nuts and screws. 1,442,881; Jan. 23.

Franzen, Henry M., Los Angeles, Calif. Control for aircraft and the like. 1,457,024; May 29.

Franzen, Peter M., Chicago, Ill. Fan. 1,441,338; Jan. 9.

Franzenburg, Claus, Nuremberg, assignor to the Firm Marswerke A.-G., Nuremberg-Doos, Germany. Novel device for securing engines on motor cycles. 1,461,869; July 17.

Franzengerle Company. (See Zengerle, Walter C., assignor.)

Frappart, Henry, Kincaid, Ill. Calipers. 1,442,717; Jan. 16.

Frascadore, Michael, and R. Vallone, Philadelphia, Pa. Rear lamp for automobiles. 1,462,274; July 17.

Fraser, Arthur M. (See Forsyth, Alexander, assignor.)

Fraser, Ethelbert M., Yonkers, N. Y. Power transmission and control. 1,476,291; Dec. 4.

Fraser, Fleming A., New York, N. Y. Lifting jack. 1,466,794; Sept. 4.

Fraser, George. Leven, Scotland. Power hammer. 1,475,763; Nov. 27.

Fraser, George H., Brooklyn, N. Y. Crushing machine. 1,451,149; Apr. 10.

Fraser, George H., Brooklyn, N. Y. Machine for crushing or grinding. 1,451,150; Apr. 10.

Fraser, George H., Brooklyn, N. Y. Machine for crushing or grinding. 1,451,151; Apr. 10.

Fraser, George H., Brooklyn, N. Y. Pulverizing mill. 1,451,152; Apr. 10.

Fraser, George H., Brooklyn, N. Y. Pulverizing mill. 1,451,153; Apr. 10.

Fraser, George H. Brooklyn, N. Y. Machine for grinding and crushing. 1,451,154; Apr. 10.

Fraser, George H., Brooklyn, N. Y. Machine for crushing or grinding. 1,451,155; Apr. 10.

Fraser, George H., Brooklyn, N. Y. Machine for crushing and grinding. 1,451,156; Apr. 10.

Fraser, Gordon H., et al. (See Alexander, Johnston R., assignor.)

Fraser, James, Edgemoor, Del. Curtain support. 1,472,766; Oct. 30.

Fraser, Le Roy B., Toledo, Ohio. Combined reel, balance weight, and anchor for decoys. 1,468,780; Sept. 25.

Fraser, Leving, Osceola, Ark. Safety device for automobiles. 1,474,522; Nov. 20.

Fraser, Robert O., Seattle, Wash. Food dispenser. 1,474,773; Nov. 20.

Fraser, Robert O., Seattle, Wash. Device for making sandwiches. 1,478,113; Dec. 18.

Fraser, Warren F., Westboro, Mass. Grinding machine. 1,470,605; Oct. 16.

Fraser, Warren F., Westboro, assignor to Norton Company, Worcester, Mass. Positively-actuated easy start and stop table-reversing mechanism. 1,474,469; Nov. 20.

Fraser, William C., Buffalo, N. Y. Case hanger. 1,473,699; Nov. 13.

Fraser, William D., Cleveland, Ohio. Machine for renewing cartridges. 1,474,355; Nov. 20.

Fraser, William F., Port Robinson, Ontario, Canada. Washing machine. 1,459,881; June 26.

Fraser, William J., Toronto, Ontario, Canada. Protective tread for pneumatic tires. 1,456,729; May 29.

Fraser, William M., Perth Amboy, N. J. Calculator. 1,458,045; June 5.

Frasier, Emory M., assignor to I. A. Frasier, Los Angeles, Calif. Automobile storage. 1,468,147; Sept. 18.

Frasier, Isabel A. (See Frasier, Emory M., assignor.)

Frassier, León, Paris, France. Cinematographic projection apparatus. 1,461,870; July 17.

Frater, Gorden, assignor to G. B. Lewis Company, Watertown, Wis. Frame metal shoulder. 1,472,795; Nov. 6.

Frattinger, Arthur F., Seattle, Wash. Grate bar. 1,474,818; Nov. 20.

Frawley, Ulysses B., Ogeechee, Ga. Transplanter. 1,475,061; Nov. 20.

Frazee, Henry, jr., Oberlin, Ohio, assignor to Troy Laundry Machinery Co. Ltd., Chicago, Ill. Deodorizer. 1,446,456; Feb. 27.

Frazier, Charles E., Breckenridge, Tex. Pump piston. 1,478,707; Dec. 25.

Frazier, Earle H., Denver, Colo. Light for automobiles. 1,444,965; Feb. 13.

Frazier, Henry G. (See Burleigh, Ermon N., assignor.)

Frazier, Homer G., La Fayette, Ind. Wagon-dump-body latch. 1,457,357; June 5.

Frazier, James W., and F. E. Hansen, Cleveland, Ohio. Pipe coupling. 1,460,154; June 26.

Frazier, Philip, P. T. Pachter, R. E. Ackley, and H. C. Alger, assignors to R. R. Donnelley & Sons Company, Chicago, Ill. Book-wrapping machine. 1,446,171; Feb. 20.

Frazier, Truman D., Martins Ferry, Ohio. Pneumatic tire. 1,450,800; Apr. 3.

Frazin, Stanley S., Chicago, Ill. Adjustable mirror support. 1,444,599; Feb. 6.

Frear, Leo J., Ithaca, N. Y. Sanitary seat cover. 1,452,552; Apr. 24.

Frech, Henry C., Savannah, Ga. Key ring. 1,478,897; Dec. 25.

Fredberg, Carl, Chicago, Ill. Refrigerator for meat markets and the like. 1,448,361; Mar. 13.

Freddy, August. (See Maimin, H., and Freddy.)

Frederick, Carl G. (See Adair, C. T., and Frederick.)

Frederick, Charles, Columbiana, Ohio. Combined necktie former and holder. 1,450,152; Mar. 27.

Frederick, Clifford. (See Biczak, Walter, assignor.)

Frederick, Edwin E., Winterhaven, Fla. Demountable rim. 1,471,595; Oct. 23.

Frederick, Foster T. (See Smith, A. J., and Frederick.)

Frederick, George F. (See Hallock, G. H., Frederick, and Purcell.)

Frederick, Harry and F. W. Haas, Allentown, Pa. Automobile accelerator control. 1,444,027; Feb. 6.

Frederick, Harry A., Chicora, Pa. Wireless tie insulator. 1,470,322; Oct. 9.

Frederick, Howard F., Detroit, Mich. Pump-actuating mechanism. 1,451,691; Apr. 17.

Frederick, John C., Bethlehem, Pa. Sprayer. 1,471,256; Oct. 16.

Frederick, Louis T., Akron, Ohio. Machine for and method of making mica boards. 1,454,274; May 8.

Frederick, Louis T., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Noiseless tire. 1,440,453; Jan. 2.

Frederick, Louis T., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Method of and apparatus for making propellers. 1,451,541; Apr. 10.

Frederick, Louis T., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Composite plate. 1,456,884; May 29.

Frederick, Louis T., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Forming annular bodies. 1,458,931; June 19.

Frederick, Louis T., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Propeller and making the same. 1,467,785; Sept. 11.

Frederick, Louis T., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Structural element. 1,473,842; Nov. 13.

Frederick, Louis T., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Composite article. 1,475,764; Nov. 27.

Frederick, Mabel, assignor to Automatic Advertising Company, Pueblo, Colo. Projection apparatus. 1,449,663; Mar. 27.

Frederick, Roland, Fairmount, Ind. Permutation switch. 1,451,569; Apr. 10.

Fredericks, Charles, Brooklyn, N. Y. Fishing tackle. 1,476,067; Dec. 4.

Fredericks, Henry, et al. (See Mason, William S., assignor.)

Frederickson, Clayton E. (See McGuire, Michael H., assignor.)

Frederickson, Clayton E., Chicago, Ill. Turning steering wheel and lock. 1,457,733; June 5.

Fredrickson, Fred, Chicago, Ill. Collar-button attachment or guard. 1,469,437; Oct. 2.

Frederickson, Raleigh J., Marion, S. Dak. Printing, developing, and fixing apparatus. 1,476,883; Dec. 11

Free, Edward R., Chicago, Ill. Hand bag. Des. 63,031; Sept. 18.

Free, James S. (See Jenkinson, Richard F., assignor.)

Free, John W., Woodlawn, assignor to Jones & Laughlin Steel Company, Pittsburgh, Pa. Conveyer. 1,442,718; Jan. 16.

Freed, Edward G. (See Hopkinson, J., and Freed.)

Freed, Edward G., assignor, by mesne assignments, to Dayton Scale Company, Dayton, Ohio. Attachment for weighing scales. 1,458,475; June 12.

Freedenberg, Abraham J., New York, N. Y. Abdominal supporter. 1,469,069; Sept. 25.

Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Dust cap. 1,473,032; Nov. 6.

Freedman, Hyman and N. M., Chicago, Ill., assignors to Davoplane Bed Company. Davenport-bed structure. 1,456,635; May 29.

Freedman, Julian, New York, assignor to F. F. Putnam, Rye, N. Y. Manufacturing printing surfaces. 1,449,979; Mar. 27.

Freedman, Louis. (See Funk, C., and Freedman.)

Freedman, Louis A., New York, N. Y. Dry-battery machine. 1,440,668; Jan. 2.

Freedman, Louis A., New York, N. Y. Machine for filling receptacles. 1,440,669; Jan. 2.

Freedman, Louis A., New York, N. Y. Disk-inserting mechanism. 1,440,670; Jan. 2.

Freedman, Louis A., New York, N. Y. Heating and cooling device for battery-making machines. 1,441,077; Jan. 2.
Freedman, Louis A., New York, N. Y. Conveying mechanism for dry-battery machines. 1,441,196; Jan. 2.
Freedman, Louis A., New York, N. Y. Machine for filling receptacles. 1,444,540; Feb. 6.
Freedman, Louis A., New York, N. Y. Closure for tubes. 1,452,967; Apr. 24.
Freedman, Louis A., New York, N. Y. Winding indicator for talking machines. 1,473,929; Nov. 13.
Freedman, Louis A., New York, N. Y. Winding indicator for talking machines. 1,473,930; Nov. 13.
Freedman, Nathan M. (See Freedman, Hyman and N. M.)
Freeman, Albert, Moline, Ill. Vegetable and fruit receptacle. 1,445,078; Feb. 13.
Freeman, Chris, Blaine, Wash. Rainproof garment. 1,460,237; June 26.
Freeman-Daughaday Company. (See White, Damon A., assignor.)
Freeman, Dudley, Roxbury, assignor to Panther Rubber Manufacturing Company, Stoughton, Mass. Sole or tap. Des. 62,716; July 24.
Freeman, Dudley, Roxbury, assignor to Panther Rubber Manufacturing Company, Stoughton, Mass. Shoe heel. Des. 62,717; July 24.
Freeman, Edgar H., Trenton, N. J., assignor to E. H. Freeman Electric Company. Electrical connector device. 1,470,824; Oct. 16.
Freeman Electric Company, E. H. (See Freeman, Edgar H., assignor.)
Freeman, Ernest C., Apalachin, N. Y., assignor to The International Time Recording Company, New York. Spring-winding device. 1,447,299; Mar. 6.
Freeman, Harold A., Los Angeles, Calif. Silencer. 1,452,035; Apr. 17.
Freeman, Henry H., San Angelo, Tex. Cotton drier and cleaner. 1,449,392; Mar. 27.
Freeman, James J., Bradford, Pa. Gas breaker. 1,460,896; July 3.
Freeman, James M., Washoe, Mont. Loading apparatus. 1,470,221; Oct. 9.
Freeman, John, assignor to Save-A-Room Furniture Manufacturing Company, Inc., New York, N. Y. Convertible furniture. 1,459,201; June 19.
Freeman, Joseph H., Shickshinny, Pa. Horseshoe calk. 1,458,648; June 12.
Freeman, Lewis D. (See Hunt, R., and Freeman.)
Freeman Manufacturing Co. (See Freeman, Michael N., assignor.)
Freeman Manufacturing Company. (See Dodge, A. Y., and Statz, assignors.)
Freeman, Michael N., assignor to Freeman Manufacturing Co., Racine, Wis. Pump-operating mechanism. 1,452,968; Apr. 24.
Freeman, Nat H., Holborn, London, England. Distilling apparatus. 1,464,246; Aug. 7.
Freeman, Victor E., et al. (See Kreipe, Theodore, assignor.)
Freeman, William F., Elmbrook, and S. G. Smith, Detroit, Mich. Davenport construction. 1,445,209; Feb. 13.
Freemon, John P., Waukesha, Wis. Mattress-holding attachment for bed rests. 1,467,369; Sept. 11.
Freemon, John P., and E. P. McFadden, Ann Arbor, Mich. Changeable exhibitor. 1,458,227; June 12.
Freeze, John A., Sayreville, N. J. Collapsible chair. 1,474,191; Nov. 13.
Fregonara, Charles, Lyon, France. Safety device for gas welding plants. 1,457,059; May 29.
Frehafer, Philip W., Schuylkill Haven, Pa. Unbreakable nursing bottle. 1,459,725; June 26.
Freiberg, Stanley B., assignor to Cincinnati Art Publishing Company, Cincinnati, Ohio. Place card. 1,445,675; Feb. 20.
Freise, Albert M., San Francisco, Calif. Osteopathic table. 1,459,953; June 26.
Frelinger, Edgar G., Fort Thomas, Ky. Barrel agitator. 1,464,701; Aug. 14.
French, Albert F., deceased, Detroit, Mich.; M. A. French, administratrix. Tacky cloth. 1,468,380; Sept. 18.
French, Arthur G., Altrincham, assignor to Linotype and Machinery Limited, London, England. Means for controlling the operation of pawl-and-ratchet mechanism. 1,465,258; Aug. 21.
French Battery & Carbon Co. (See McEachron, Edgar J., assignor.)
French Battery and Carbon Company. (See Folsom, Alvin I., assignor.)
French Battery & Carbon Company. (See Graves, John, assignor.)
French, Charles A., assignor to International Harvester Company, Chicago, Ill. Vaporizing fuel burner. 1,466,709; Sept. 4.
French, Charles A., Columbus, Ohio, assignor to International Harvester Company, Chicago, Ill. Fuel burner. 1,474,898; Nov. 20.
French, Charles D., East Angus, Quebec, Canada. Figure wheeled toy. 1,465,901; Aug. 21.
French, Charley D. (See Ogren, William V., assignor.)
French, Clayton, Upper Darby, Pa. Game. 1,449,393; Mar. 27.
French, Elsamur S., Denver, Colo. Clamp. 1,459,093; June 19.
French, Elsamur S., Denver, Colo. Clamp. 1,459,094; June 19.
French, George M., Chicago, Ill. Boat-hull construction. 1,453,223; Apr. 24.
French, George M., assignor to Economy Engineering Company, Chicago, Ill. Portable tiering machine. 1,446,968; Feb. 27.
French, Gus, assignor to M. L. French, Dallas, Tex. Corn popper and peanut roaster. 1,464,567; Aug. 14.
French, Harry F., and R. C. Benner, Fremont, Ohio, assignors to National Carbon Company, Inc. Material for producing smoke screens. 1,461,646; July 10.
French & Hecht. (See Hecht, Joseph L., assignor.)
French, Henry G., Schenectady, N. Y., assignor to General Electric Company. Protective device. 1,450,415; Apr. 3.
French, Henry G., Schenectady, N. Y., assignor to General Electric Company. Protective device. 1,471,890; Oct. 23.
French, Henry W., Chicago, Ill. Clamp. 1,451,692; Apr. 17.
French, James C., Chicago, Ill., assignor, by mesne assignments, to F. C. Austin Machinery Company. Tractor frame. 1,443,355; Jan. 30.
French, James C., Chicago, Ill., assignor, by mesne assignments, to F. C. Austin Machinery Company. Multipedal tractor. 1,443,787; Jan. 30.
French, James C., Chicago, Ill., assignor, by mesne assignments, to F. C. Austin Machinery Company. Car unloader. 1,448,736; Mar. 20.
French, James C., Chicago, Ill., assignor, by mesne assignments, to F. C. Austin Machinery Company. Motor-truck dumping vehicle. 1,451,018; Apr. 10.
French, James C., Chicago, Ill., assignor, by mesne assignments, to F. C. Austin Machinery Company. Tractor-wheel chain. 1,451,872; Apr. 17.
French, James C., Chicago, Ill., assignor, by mesne assignments, to F. C. Austin Machinery Company. Loading and conveying apparatus. 1,474,356; Nov. 20.
French, James C., Muskegon, Mich., assignor to Austin Machinery Corporation, Chicago, Ill. Dumping device for concrete mixers. 1,443,788; Jan. 30.
French, James H., E. J., and W. B., Defiance, Ohio, assignors of one-half to said E. J. French, one-fourth to said W. B. French and one-fourth to James H. French, Portable mortiser. 1,463,808; Aug. 7.
French, James W., assignor to Barr and Stroud, Limited, Glasgow, Scotland. Electric step-by-step motor of the unwound-armature type. 1,440,729; Jan. 2.
French, James W., assignor to Barr and Stroud Limited, Anniesland, Glasgow, Scotland. Surveying instrument, level, and the like. 1,448,289; Mar. 13.
French, John W., New Rochelle, N. Y. Globe support for electric lights. 1,461,611; July 10.
French, Laurence E., Sebastopol, Calif. Oil burner. 1,443,317; Jan. 23.
French, Laurence E., Sebastopol, Calif. Automatic cut-off for oil burners. 1,459,149; June 19.
French, Laurence E., Sebastopol, Calif. Fuel-vaporizing system. 1,470,967; Oct. 16.
French, Louis O., Milwaukee, Wis. Ignition device. 1,443,175; Jan. 23.
French, Lucius L. (See Bloomfield, A. E., and French.)
French, Mary A., administratrix. (See French, Albert F.)
French, Mary L. (See French, Gus, assignor.)
French, Raleigh L., New York, N. Y. Signal device. 1,464,814; Aug. 14.
French, Raleigh L., New York, N. Y. Signal device for motor vehicles. 1,465,427; Aug. 21.
French, Warren, Kenosha, Wis. Spotlight bracket. 1,440,870; Jan. 2.
French, William B. (See French, James H., E. J., and W. B.)
Frentz, Charles W., Indianapolis, Ind. Sewing box. 1,446,457; Feb. 27.
Frenzel, Theodor, Berlin, Germany. Manufacture of knotted fabrics. 1,440,779; Jan. 2.
Frere, Bartlett E., Seattle, assignor of forty-nine per cent to J. W. Gaver, Everett, Wash. Portable saw. 1,467,150; Sept. 4.
Frese, Henry C., and H. G. Moeller, Readlyn, Iowa. Tool. 1,448,622; Mar. 13.
Frese, John G. (See Disch, J., and Frese.)
Freshour, Thomas C., and B. M. Jennings, Troy, Ohio. Garment-form supporter. 1,450,416; Apr. 3.
Freshwater, Elmer, and H. H. Cumings, Painesville, Ohio. Turntable. 1,446,498; Feb. 27.
Fretschel, Adolph, Almena, Wis. Battery connection. 1,470,433; Oct. 9.
Fretter, Nathan F., Cleveland, Ohio. Lathe. 1,463,505; July 31.
Fretwell, Julian W., Danville, Va. Locked razor. 1,467,930; Sept. 11.
Fretz-Moon Tube Company. (See Moon, John W., assignor.)
Fretz, Samuel S., sr. (See Hartzell, Morris H., assignor.)
Fretz, Samuel S., sr., Philadelphia, Pa. Self-opening umbrella. 1,473,222; Nov. 6.

Fretz, Warren J., St. Paul, Minn. Ear tag. 1,478,605; Dec. 25.
Freund, Alfred, St. Louis, Mo. Vehicle wheel. 1,443,318; Jan. 23.
Freund, Alfred, St. Louis, Mo. Vehicle wheel. 1,443,319; Jan. 23.
Freund Bros. & Co. (See Freund, Max, assignor.)
Freund, Herman R., assignor to Intertype Corporation, Brooklyn, N. Y. Matrix for typographical machines. 1,477,436; Dec. 11.
Freund, Jacob. (See Pancero, C., and Freund.)
Freund, Joseph A., Newtonville, Mass., assignor to Keystone Watch Case Company, Philadelphia, Pa. Watch winding mechanism. 1,467,427; Sept. 11.
Freund, Martin, deceased, by W. Freund, administrator, and E. Speyer, Frankfort-on-the-Main, Germany. Isomeric product of reduction of oxycodeinon and preparing the same. 1,468,805; Sept. 25.
Freund, Max, assignor to Freund Bros. & Co. Inc., New York, N. Y. Combined hand bag and vanity box. 1,464,176; Aug. 7.
Freund, Walter, administrator. (See Freund, M., and Speyer.)
Freundt, Louis J., Chicago, Ill., assignor to American Can Company, New York, N. Y. Vanity box. 1,467,151; Sept. 4.
Frevert, Harry L. (See Bradley, F., and Frevert.)
Frey, Charles P. (See Brown, R. P., and Frey.)
Frey, Elmer E., Long Beach, Calif. Time switch. 1,451,094; Apr. 10.
Frey, Elmer E., Long Beach, assignor to Los Angeles Book Machine Company, Los Angeles, Calif. Machine for making books. 1,470,070; Oct. 9.
Frey, Harry, Du Bois, Nebr. Aeroplane. 1,457,222; May 29.
Frey, Herman A., Champaign, Ill. Horseshoe. 1,451,905; Apr. 17.
Frey, John B. Company. (See Collamer, Eugene E. and G. R., assignors.)
Frey, John H., and J. N. Kaiser, Erie, Pa. Boring head. 1,463,686; July 31.
Frey, Raymond I. (See Shimer, E. F., and Frey.)
Frey, Sigmund, Los Angeles, Calif. Discharge spout for liquid containers. 1,461,269; July 10.
Frey, Sigmund, Los Angeles, Calif. Attachable spout for liquid containers. 1,468,360; Sept. 18.
Frey, Theodore, Guide Rock, Nebr. Lifter. 1,460,320; June 26.
Freydberg, Aaron, Mount Vernon, N. Y. Fabric binding strip. 1,457,625; June 5.
Freyermuth, William M., et al. (See Rothenberger, Daniel M., assignor.)
Freyn, Brassert & Co. (See Fox, Gordon, assignor.)
Freyn, Brassert & Company. (See Eaton, W., and Willcox, assignors.)
Freyn, Brassert & Company. (See Ives, Edward L., assignor.)
Freyn, Bassert & Company. (See Weinel, Karl, assignor.)
Freyn, Brassert & Company. (See Willcox, Frederick H., assignor.)
Frezza, Rocco, Trenton, N. J. Making trousers. 1,470,434; Oct. 9.
Frias, Ricardo. (See Canale, M. A., and Frias.)
Frick, John, Philadelphia, Pa. Liquid-dispensing machine. 1,465,122; Aug. 14.
Frick, Phillip S., and C. E. Robinson, Oswego, Kans. Sanitary self-cleaning filter. 1,450,770; Apr. 3.
Fricke, William A., Chicago, Ill. Phonograph. 1,460,579; July 3.
Fricker, Anthony, Lakewood, Ohio. Oil gas producer. 1,441,272; Jan. 9.
Frickey, Edward H., St. Louis, Mo. Adjustable multiple disk and shredding hammer. 1,450,173; Apr. 3.
Frickey, Edward H., assignor to Dixie Machinery Manufacturing Company, St. Louis, Mo. Crusher. 1,458,914; June 12.
Friday, George B., Pittsburgh, Pa. Cap wrench. 1,456,126; May 22.
Friden, Carl M., Piedmont, Calif. Calculating machine. 1,476,197; Dec. 4.
Friden, Carl M., Piedmont, Calif. Calculating machine. 1,476,198; Dec. 4.
Friden, Carl M. F. (See Johnston, C. L., and Friden.)
Friden, Carl M. F., Piedmont, assignor to Marchant Calculating Machine Company, Oakland, Calif. Calculating machine. 1,454,275; May 8.
Fridley, Elmer H., Bellefontaine, Ohio. Wrench. 1,441,078; Jan. 2.
Fridolph, Anna S., Kansas City, Mo. Spring clasp. 1,456,793; May 29.
Fridrich, Frank T., North Bend, Nebr. Auxiliary accelerator. 1,476,398; Dec. 4.
Fridrich, Frank T., North Bend, Nebr. Auxiliary accelerator. 1,476,399; Dec. 4.
Fried, Ignatius, Mobile, Ala. Separable button. 1,462,332; July 17.
Fried. Krupp Aktiengesellschaft. (See Akemann, Walther, assignor.)
Fried. Krupp Aktiengesellschaft. (See Barth, Karl, assignor.)
Fried. Krupp Aktiengesellschaft. (See Bartholdy, Max, assignor.)
Fried. Krupp Aktiengesellschaft. (See Bohle, Karl, assignor.)
Fried. Krupp Aktiengesellschaft. (See Breitling, Ernst, assignor.)
Fried. Krupp Aktiengesellschaft. (See Breitling, E., and Ostmeyer, assignors.)
Fried. Krupp Aktiengesellschaft. (See Bruhn, Gustav A., assignor.)
Fried. Krupp Aktiengesellschaft. (See Eckertz, Heinrich, assignor.)
Fried. Krupp Aktiengesellschaft. (See Förster, Rudolf, assignor.)
Fried. Krupp Aktiengesellschaft. (See Heine, Wilhelm, assignor.)
Fried. Krupp Aktiengesellschaft. (See Hort, Hermann, assignor.)
Fried. Krupp Aktiengesellschaft. (See Kruger, Paul, assignor.)
Fried. Krupp Aktiengesellschaft. (See Lauer, Karl, assignor.)
Fried. Krupp Aktiengesellschaft. (See Lehmann, Karl A., assignor.)
Fried. Krupp Aktiengesellschaft. (See Reichard, Fritz, assignor.)
Fried, Krupp Aktiengesellschaft. (See Schleip, Kurt, assignor.)
Fried. Krupp Aktiengesellschaft. (See Schmücking, August, assignor.)
Fried. Krupp Aktiengesellschaft. (See Schön, Ludwig, assignor.)
Fried. Krupp Aktiengesellschaft. (See Sundhaussen, Hermann, assignor.)
Fried. Krupp Aktiengesellschaft. (See Thun, Hermann, assignor.)
Fried. Krupp Aktiengesellschift. (See Tobien, Felix, assignor.)
Fried. Krupp Aktiengesellschaft. (See Zimmermann, Friedrich, assignor.)
Fried. Krupp Aktiengesellschaft, Germaniawerft. (See Regenbogen, C., and Oehler, assignors.)
Friedberger, Ernst, Berlin, Germany, assignor, by mesne assignments, to The Chemical Foundation, Inc. Producing with bacteria poisons intended for immunizing purposes. 1,448,290; Mar. 13.
Friederich, Walter, Treisdorf, near Cologne, Germany. Primer and making same. 1,478,429; D
Friedlander, Isidor, Newark, N. J. Vapor or hot-air bath. 1,464,093; Aug. 7.
Friedley Voshardt Co. (See Mohrmann, Paul, assignor.)
Friedley Voshardt Co. (See Wellman, Lester R., assignor.)
Friedline, William H., Meyersdale, assignor to Modernola Company, Johnstown, Pa. Cabinet construction. 1,461,239; July 10.
Friedman, Abraham, New York, N. Y., and A. F. Knowles, Upper Montclair, N. J. Air diffuser. 1,447,776; Mar. 6.
Friedman, David, Roxbury, Mass. Bracket nail. 1,468,661; Sept. 25.
Friedman, Fred E. (See Purves, John A., assignor.)
Friedman, Henry, Chicago, Ill. Dental apparatus. 1,465,259; Aug. 21.
Friedman, Joseph, Brooklyn, N. Y. Fruit bowl or similar article. Des. 62,022; Mar. 6.
Friedman, Joseph, Brooklyn, N. Y. Kettle or similar article. Des. 63,463; Dec. 11.
Friedman, Louis, New York, N. Y. Lock. 1,450,206; Apr. 3.
Friedman, Max, Brooklyn, N. Y. Method and apparatus for napping knitted fabrics. 1,448,485; Mar. 13.
Friedman, Nathan, Yonkers, N. Y. Smoking pipe. 1,443,531; Jan. 30.
Friedman, Samuel, Brooklyn, N. Y. Fur softening and cleaning machine. 1,463,075; July 24.
Friedman, Samuel, Brooklyn, N. Y. Fleshing machine. 1,463,076; July 24.
Friedmann, Firm of Alex. (See Hajek, Otto, assignor.)
Friedrich, Adolph, New York, N. Y. Amusement device. 1,464,201; Aug. 7.
Friedrichs, Ernst, assignor to the Firm Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Starting device for internal-combustion engines. 1,447,464; Mar. 6.
Friedrichs, Gottfried L. A., New York, N. Y. Fish-shipping tank. 1,461,350; July 10.
Friedsam, Edwin D., Albany, and S. G. Long, Moultrie, assignors to Nutsbest Packing Company, Albany, Ga. Making pecan butter. 1,447,018; Feb. 27.
Friedt, David M., Dundee, Ohio. Attachment for scythes. 1,454,732; May 8.
Friel, Patrick A., Bayonne, N. J. Alarm switch. 1,466,431; Aug. 28.
Friend, Clive A. (See Cowen, W. L., and Friend.)
Friend, David H., North Industry, assignor to The United Electric Company, Canton, Ohio. Suction cleaner. 1,448,397; Mar. 13.
Friend, Hardy A., Albert Lea, Minn. Tank heater. 1,468,561; Sept. 18.
Friendly, Herbert M., Portland, Oreg. Telephone system. 1,441,791; Jan. 9.
Friendly Service Co., The. (See Clauson, William, assignor.)
Frier, John D., Waringstown, Ireland. Machine for tearing fabrics. 1,468,713; Sept. 25.

Frieze, Alfred S., Fossil, Oreg. Swiveled coupling. 1,461,033; July 10.
Friis, Peter and H. A. Wahlen, Racine, Wis., assignors to The Beardsley & Piper Company, Chicago, Ill. Molding machine. 1,448,924; Mar. 20.
Frimand, Peter A., Miami, Fla., assignor to The Burton Page Company, Chicago, Ill. Milking. 1,471,394; Oct. 23.
Frink, Gerald, Seattle, Wash. Cableway carriage. 1,445,013; Feb. 13.
Frink, Gerald, Seattle, Wash. Friction clutch. 1,449,171; Mar. 20.
Frink, I. P., Inc. (See Spencer, William H., assignor.)
Frins, Maximilian C. (See Lipcot, F. L., Drumm, and Frins.)
Frins, Maximilian C., and C. F. Drumm, jr., assignors to International Motor Company, New York, N. Y. Brake rigging for rail cars. 1,472,360; Oct. 30.
Frisbie, Arthur N., Utica, N. Y. Internal-combustion engine. 1,450,801; Apr. 3.
Frisbie, William J., assignor to Justrite Manufacturing Company, Chicago, Ill. Fire extinguisher. Des. 62,534; June 19.
Frisbie, William J., assignor to Justrite Manufacturing Company, Chicago, Ill. Acetylene-gas burner. 1,461,034; July 10.
Frisbie, William J., assignor to Justrite Manufacturing Company, Chicago, Ill. Fire extinguisher. 1,467,477; Sept. 11.
Frisbie, William J., assignor to Justrite Manufacturing Company, Chicago, Ill. Spark-producing mechanism. 1,476,962; Dec. 11.
Frisch, Paul, Chicago, Ill. Stair construction. 1,457,515; June 5.
Frischer, Harry, New York, N. Y. Plaited fabric. Des. 62,482; June 12.
Frisz, George E., Indianapolis, Ind. Puller implement. 1,475,810; Nov. 27.
Fritch, Elue O., Belmont, assignor to Hood Rubber Company, Watertown, Mass. Tire. Des. 62,985; Sept. 4.
Fritchle, Oliver P., Denver, Colo. Automatic system for controlling the charging of storage batteries. 1,445,580; Feb. 13.
Fritsch, Karl, Murnau, Germany, assignor to General Electric Company. Section insulator. 1,469,078; Sept. 25.
Fritsche, Wenzel, New York, N. Y. Apparatus for automatically focusing multiple-exposure cameras. 1,452,833; Apr. 24.
Fritschi, Joseph, and W. P. Hughes, Honolulu, Hawaii. Cane-loading apparatus. 1,474,585; Nov. 20.
Fritschka, Leo, Detroit, Mich. Combination walking cane. 1,456,304; May 22.
Fritts, Edwin C., Urbana, Ill., assignor to Eastman Kodak Company, Rochester, N. Y. Enlarging camera. 1,460,714; July 3.
Fritts, James C., Scranton, Pa. Car-door lock. 1,456,611; May 29.
Fritz, Charles, Chicago, Ill. Drain cleaner. 1,453,454; May 1.
Fritz, E. F. Lewis, Chicago, Ill. Rifle. 1,462,169; July 17.
Fritz, E. F. Lewis, Chicago, Ill. Supporter. 1,472,796; Nov. 6.
Fritz, Emil F. L., Chicago, Ill. Clothespin. 1,477,256; Dec. 11.
Fritz, Joseph, San Francisco, Calif. Metallic brush cleaner. 1,463,809; Aug. 7.
Fritz, Lewis, Chicago, Ill. Brush. 1,470,825; Oct. 16.
Fritz, Lewis, Chicago, Ill. Educational block. 1,477,255; Dec. 11.
Fritz, Lewis, Chicago, Ill. Shaft-alinement gauge. 1,477,257; Dec. 11.
Fritz, Louis, Memphis, Tenn. Woodworking machinery. 1,457,626; June 5.
Fritz, Peter C., Philadelphia, assignor, by mesne assignments, to Pittsburgh Hand Truck Mfg. Co., Pittsburgh, Pa. Hand truck. 1,458,285; June 12.
Fritz, William C., Chicago, Ill. Potato digger. 1,442,798; Jan. 23.
Fritz, William G., Clear Lake, Minn. Jack. 1,447,242; Mar. 6.
Friz, Max, Milbertshofen, near Munich, assignor to Bayerische Motoren Werke Aktiengesellschaft, Munich, Germany. Multiple-jet carburetor. 1,449,664; Mar. 27.
Frizell, Herbert L., Dorchester, Mass. Valved collapsible tube. 1,462,232; July 17.
Frock, Oscar J., Wilmington, Del. Fluid-actuated pressure equalizer for hydraulic brakes. 1,443,219; Jan. 23.
Frock, Oscar J., Wilmington, Del. Pressure equalizer for hydraulic brakes. 1,453,098; Apr. 24.
Frock, Oscar J., Wilmington, Del. Pressure-equalizing brake-applying device. 1,457,156; May 29.
Frode, Charles A., Cleveland, Ohio. Shipping yoke. 1,445,623; Feb. 20.
Froelich, John, assignor to L. S. Hackney, St. Paul, Minn. Vehicle steering gear. 1,476,068; Dec. 4.
Froeschle, Waldemar W., assignor to C. J. Gregory, St. Louis, Mo. Anatomical support. 1,460,957; July 3.
Frog Switch & Manufacturing Company, The. (See Pemberton, Edward L., assignor.)
Froh, Henry, Cincinnati, Ohio. Hair-cutting device. 1,456,432; May 22.
Frohbieter, Gerhard E., Princeton, Ind. Process and means for removing corroded terminals from storage batteries. 1,451,500; Apr. 10.
Frohne, Albin, assignor to American Flyer Manufacturing Co., Chicago, Ill. Toy-electric railway control switch. 1,441,494; Jan. 9.
Frohne, Albin, assignor to American Flyer Manufacturing Company, Chicago, Ill. Control signal device for toy electric railways. 1,444,600; Feb. 6.
Frohock, Rodney C., Augusta, Me. Starting device. 1,453,868; May 1.
Froman, James E., Evansville, Ind. Baby carriage. 1,443,020; Jan. 23.
Froman, James E., Evansville, Ind. Baby carriage. 1,443,021; Jan. 23.
Froman, James E., Evansville, Ind. Hood mounting for baby carriages. 1,446,341; Feb. 20.
Frome, Reinhard L., Sheboygan, Wis. Reenforced cheese box. 1,464,651; Aug. 14.
Frommel, Albert E., Groton, S. Dak. Grain grader and cleaner. 1,457,734; June 5.
Frontier Machine Tool Company. (See Eckhard, John, assignor.)
Frood, Herbert, assignor to Ferodo Limited, Chapel-en-le-Frith, England. Material for frictional and wearing purposes. 1,463,506; July 31.
Frood, Herbert, assignor to Ferodo Limited, Chapel-en-le-Frith, England. Composition for coating and bonding fabrics. 1,463,780; July 31.
Frost, Eber. (See Gavel, S., and Frost.)
Frost, Frederic A., West Newton, Mass. Implement for opening and sealing jars. 1,450,587; Apr. 3.
Frost, Homer E., assignor to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Overload device. 1,457,109; May 29.
Frost, Jesse M. (See Souders, Herbert V., assignor.)
Frost, Jesse M. (See Souders, H. V., and Frost.)
Frost, John B., Buckley, Wash. Smoking pipe. 1,462,905; July 24.
Frost, Julius H., New York, N. Y. Automobile lock. 1,460,238; June 26.
Frost, Leslie E. (See Burr, G. A., McClain, and Frost.)
Frost, Nels S., Seattle, Wash. Brush. 1,468,445; Sept. 18.
Frost, Ralph I. (See Rode, F. J., Frost, and Liston.)
Frost & Wood Company, Limited, The. (See Whitcomb, F., Lavender and Calvert, assignors.)
Froussard, Albert F., St. Louis, Mo. Pump. 1,472,062; Oct. 30.
Frozeth, Ernst E., and T. Blixt, Minneapolis, Minn. Fire arch for furnaces. 1,452,295; Apr. 17.
Fruchter, Israel H., New York, N. Y. Device for perforating paper. 1,460,647; July 3.
Fruchtl, Martin, Salem, Ill. Friction hub and shock absorber. 1,446,895; Feb. 27.
Frumveller, Joseph, assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Water heater. 1,457,773; June 5.
Fruth, George et al. (See Van Pelt, Elmer L., assignor.)
Fry, Charles E., Bloomfield, Iowa. Safety signal for railway crossings. 1,461,896; July 17.
Fry, Claud B., Yates Center, Kans. Air-dispensing device. 1,461,389; July 10.
Fry, Guy S., Yonkers, N. Y. Bookbinding. 1,466,618; Aug. 28.
Fry, H. C., Glass Company. (See Brenner, R. F., and Murrin, assignors.)
Fry, Harry M., Johnstown, Pa. Tire tread. 1,451,820; Apr. 17.
Fry, Leslie, Des Moines, Iowa. Window stop. 1,456,229; May 22.
Fry, Patrick H., Wheeling, W. Va., assignor of one-fourth to C. F. Kelsey, G. H. Mahstedt, and R. H. Mook, Fort Worth, Tex. Wrecking tool. 1,472,517; Oct. 30.
Fry, Walter L., New Rochelle, N. Y. Waterproof garment. 1,472,330; Oct. 30.
Frye, Fred A., Azusa, Calif. Device for supporting utensils over camp fires. 1,450,802; Apr. 3.
Frye, Harley E., Marietta, Ohio. Movable dam. 1,443,072; Jan. 23.
Frye, James W., Sandborn, Ind. Track liner. 1,467,722; Sept. 11.
Frye, William A. (See Keddy, Clifford L., assignor.)
Frye, Wyatt R. R., Washington, D. C. Photographic-printing apparatus. 1,448,837; Mar. 20.
Ftyklo, Andrew, Braznell, Pa. Combination utensil. 1,451,542; Apr. 10.
Ftyklo, Andy, Braznell, Pa. Container for toilet articles. 1,455,783; May 22.
Ftyklo, Andy, Braznell, Pa. Nut lock. 1,460,412; July 3.
Fuchs, Charles, Philadelphia, Pa. Bed-bottom hanger. 1,449,747; Mar. 27.
Fuchs, Emil, assignor to Cartier, Inc., New York, N. Y. Spoon or similar article. Des. 62,718; July 24.
Fuchs, Ernest, Paris, assignor to L. Renault, Billancourt, Department of Seine, France. Measuring instrument. 1,452,834; Apr. 24.
Fuchs, John E., Stamford, Conn. Electrically-controlled air valve for carburetors. 1,466,710; Sept. 4.
Fuchs & Lang Manufacturing Company, The. (See McClelland, William A., assignor.)

Fuci, Frank A., and W. Zeunges, Pittsburgh, Pa. Means for covering and fastening milk cases and the like. 1,445,879; Feb. 20.
Fudge, Charles H. (See Lindsay, W. T., and Fudge.)
Fudge, Leroy M. (See Loveless, Fred H., assignor.)
Fudge, Raymond R., Fort Worth, Tex. Indicating device for automobile radiators. 1,454,230; May 8.
Fudge, Raymond R., Fort Worth, Tex. Automobile gear-shift-lever grip. Des. 63,170; Oct. 30.
Fudge, Raymond R., Forth Worth, Tex. Automobile gear-shift-lever grip. Des. 63,171; Oct. 30.
Fuehrer, Jacob J., assignor of one-fourth to E. J. Patterson, Central City, Nebr., and one-fourth to the Firm of Jacobi, Washington, D. C. Nail catcher. 1,474,074; Nov. 13.
Fueller, Howard C., Jacksonville, Fla. Treating vegetable fiber. 1,454,581; May 8.
Fuer, Charles, Sheridan, Wyo. Paste composition. 1,473,181; Nov. 6.
Fuerstenberg, Adam, Watson, Saskatchewan, Canada. Self-opening garage door. 1,473,843; Nov. 13.
Fuge, James W., Featherston, New Zealand. Milking machinery. 1,478,645; Dec. 25.
Fugina, Arthur R., Louisville, J. E. Clough, La Grange, and W. H. Stilwell, Paris, Ky. Railway-rail support. 1,454,276; May 8.
Fuhr, Albert B., Macomb, Ill. Resilient vehicle wheel. 1,470,071; Oct. 9.
Fuhrmann, Henry W. A., Alhambra, Calif. Intake lock for motor vehicles. 1,465,924; Aug. 21.
Fujimoto, Motozo, and T. Okawa, Portland, Oreg. Auto signal. 1,452,681; Apr. 24.
Fujita, Yotaro, Kyoto, Japan. Manufacture of adhesive metallic powder in the form of metallic scales. 1,444,870; Feb. 13.
Fuld, William. (See Schwarz, Rudolph, assignor.)
Fulda, Edward. (See Lachman, L. S., and Fulda.)
Fulda, Edward, New York, N. Y., assignor, by mesne assignments, to Bethlehem Steel Company, Bethlehem, Pa. Welded steel wheel. 1,452,036; Apr. 17.
Fulford, Peter W. (See Hedstrom, Gustav W., assignor.)
Fulfs, John F., Los Angeles, Calif. Sales-slip holder. 1,472,559; Oct. 30.
Fulghum, Charles C., Richmond, Ind. Boiler magazine front. 1,457,516; June 5.
Fulghum, Charles C., Richmond, Ind. Boiler grate. 1,457,517; June 5.
Fulgora, Fred, Pittsburgh, Pa. Calculating device. 1,453,100; Apr. 24.
Fulk, Murl E., Union Furnace, Ohio. Radiator protector. 1,475,062; Nov. 20.
Fuller, Albert M., Pittsburgh, Pa. Safety razor. 1,448,205; Mar. 13.
Fuller, Albert W., Laurel, Mont. Ditch-cutting machine. 1,469,951; Oct. 9.
Fuller, Birney H., Los Angeles, Calif., assignor to United Steel and Wire Co., Battle Creek, Mich. Wire basket or receptacle. 1,477,700; Dec. 18.
Fuller, Boyd H., Detroit, Mich. Key fastener. 1,450,588; Apr. 3.
Fuller Brush Company. (See Edlund, Henry J., assignor.)
Fuller Brush Company, The. (See Hines, William J., assignor.)
Fuller Brush Company, The. (See Van Veen, Anton, assignor.)
Fuller, Charles A., Mount Vernon, N. Y. Equalizing vent valve for vapor heating systems. 1,456,688; May 29.
Fuller, Charles E., Lima, Ohio. Charm. Des. 61,763; Jan. 9.
Fuller, Charles H., Co. (See Perkins, Floyd R., assignor.)
Fuller, Chauncey P., Belle Vernon, Pa. Rolling mill. 1,464,702; Aug. 14.
Fuller, Claud E., New York, N. Y. Gravity conveyer. 1,470,558; Oct. 9.
Fuller Engineering Company. (See Barnhurst, Henry G., assignor.)
Fuller Engineering Company. (See Kinyon, Alonzo G., assignor.)
Fuller, Ernest L., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Making inner tubes. 1,461,000; July 3.
Fuller, Franz A., Newark, N. J. Safety razor. 1,442,062; Jan. 16.
Fuller, Franz A., Newark, N. J. Match box. 1,446,117; Feb. 20.
Fuller, Franz A., assignor to The J. E. Mergott Company, Newark, N. J. Combination calendar and pad holder. 1,441,273; Jan. 9.
Fuller, Franz A., assignor to The J. E. Mergott Co., Newark, N. J. Bag frame. 1,453,455; May 1.
Fuller, Franz A., assignor to The J. E. Mergott Co., Newark, N. J. Frame making. 1,456,845; May 29.
Fuller, Franz A., assignor to The J. E. Mergott Co., Newark, N. J. Manufacturing bag frames. 1,468,941; Sept. 25.
Fuller, Franz A., assignor to The J. E. Mergott Company, Newark, N. J. Match receptacle. 1,471,331; Oct. 23.
Fuller, George J. A. (See Fuller, George, L., and G. J. A.)
Fuller, George L., Sisquoc, Calif. Deep-well pump. 1,467,370; Sept. 11.
Fuller, George L., and G. J. A., Chadwell Heath, London, England. Galvanic battery. 1,445,503; Feb. 13.
Fuller, Henry M., and H. K. Downing, Salt Lake City, Utah. Tire-chain tightener. 1,440,591; Jan. 2.
Fuller, Hervey L., W. F. Nesbit, and P. O. Petterson, Galesburg, Ill. Machine to melt snow and ice. 1,453,552; May 1.
Fuller, Hurvy N., Oto, Iowa. Clutch-pedal lock. 1,443,949; Feb. 6.
Fuller, Hurvy N., Oto, Iowa. Clutch-pedal lock. 1,443,950; Feb. 6.
Fuller, James E. (See Wilson, D. H., and Fuller.)
Fuller, Joe, Sumrall, Miss. Combined fertilizer distributor and planter. 1,450,070; Mar. 27.
Fuller & Johnson Mfg. Co. (See Gore, Warren W., assignor.)
Fuller-Lehigh Company. (See Collins, Harry R., assignor.)
Fuller, Leonard. (See Fuller, George, L., and G. J. A.)
Fuller, Leonard F., Palo Alto, assignor to Federal Telegraph Company, San Francisco, Calif. Sensitizing the telephone. 1,459,202; June 19.
Fuller, Louis J., Brooklyn, assignor to Duparquet, Huot & Moneuse Company, New York, N. Y. Heating element. 1,464,703; Aug. 14.
Fuller Mfg. Co., The. (See Tremper, Charles W., assignor.)
Fuller, Morris H., assignor to Service Station Equipment Company, Chicago, Ill. Combination work and power stand. 1,463,882; Aug. 7.
Fuller, Nelson T., New Bedford, Mass. Brick-cleaning machine. 1,446,896; Feb. 27.
Fuller, Olive R., Los Angeles, Calif. Auto wheel. 1,471,786; Oct. 23.
Fuller, Percy W., assignor to J. C. W. Beall, Washington, D. C. Magneto. 1,468,500; Sept. 18.
Fuller, Rodolphus, Detroit, Mich. Four-wheel drive for electric vehicles. 1,467,152; Sept. 4.
Fuller, Rufus W., Deerfield, assignor to Production Machine Company, Greenfield, Mass. Belt joint and making same. 1,474,774; Nov. 20.
Fuller & Warren Co. (See Bailey, Charles H., assignor.)
Fuller, Wellington G., assignor of one-half to S. C. Searle, Aberdeen, S. Dak. Seat back. 1,461,772; July 17.
Fullerton, George W., McMechen, W. Va. Rail joint. 1,443,987; Feb. 6.
Fullington, William H., Cleveland, Ohio. Spreader. 1,442,263; Jan. 16.
Fullington, William H., Cleveland, Ohio. Tension device for rope-making machines. 1,447,538; Mar. 6.
Fullmer, John H., Buffalo, N. Y. Micrometer caliper. 1,440,824; Jan. 2.
Fullop, Joseph F., Christopher, Ill. Tool for removing well casings and the like. 1,445,581; Feb. 13.
Fulmer, John E. (See Baughn, R. N., and Fulmer.)
Fulper, William H., Flemington, N. J. Lamp. Des. 62,023; Mar. 6.
Fulson, Charles H., Trenton, Tenn., assignor to The American Cotton Oil Company, New York, N. Y. Cake former. 1,450,030; Mar. 27.
Fulson, Charles H., Trenton, Tenn., assignor to Buckeye Iron and Brass Works, Dayton, Ohio. Mechanical cooker. 1,463,526; July 31.
Fulton Bag & Cotton Mills. (See Forrester, Samuel C., assignor.)
Fulton, Charles, London, England. Indicating mechanism. 1,467,847; Sept. 11.
Fulton, Charles W., Bishopbriggs, near Glasgow, Scotland. Wheel. 1,468,263; Sept. 18.
Fulton Company, The. (See Adams, Arthur J., assignor.)
Fulton Company, The. (See Giesler, Jean V., assignor.)
Fulton, Frederick J., Saginaw, Mich. Supporter. 1,460,752; July 3.
Fulton, Frederick M., Bloemfontein, Orange Free State, South Africa. Signaling apparatus for use on automobiles and the like. 1,443,356; Jan. 30.
Fulton Iron Works. (See Wolfe, Merrill P., assignor.)
Fulton Iron Works Company. (See Hildebrand, Reinhard, assignor.)
Fulton Iron Works Company. (See Hurter, Henry, assignor.)
Fulton, James S., Phillipsburg, N. J., and J. K. McIntyre, Easton, Pa., assignors to Ingersoll-Rand Company, Jersey City, N. J. Impeller mounting for centrifugal pumps. 1,448,925; Mar. 20.
Fulton, Richard W., New York, N. Y. Power-transmitting axle. 1,444,908; Feb. 13.
Fulton, Richards C., White Plains, N. Y. Automatically-operated road map for motor vehicles. 1,457,358; June 5.
Fulton, Weston M., Knoxville, Tenn. Automatic radiator curtain. 1,443,465; Jan. 30.
Fulton, William H., Irvington, N. J., assignor to Titeflex Metal Hose Corporation. Engine exhaust means. 1,476,704; Dec. 11.
Fultz, Thomas T., Osnabrock, N. Dak. Hitch. 1,447,539; Mar. 6.
Fulweiler, Walter H., Wallingford, assignor to The U. G. I. Contracting Company, Philadelphia, Pa. Quantitative determination of naphthalene in illuminating gas. 1,443,330; Jan. 23.
Fumagalli, Giacomo, P. Cardone, and C. Surico, New York, N. Y. Wire-bending machine. 1,464,505; Aug. 14.

Fumo, Frank, et al. (See Merli, C., and Bertolini, assignors.)
Funasaka, Hatchiro, Kyoto, Japan. Permanent embossment of cloth of animal fiber. 1,476,705; Dec. 11.
Funck, Louis, Bronxville, N. Y. Easy-lacing device. 1,463,579; July 31.
Funck, Paul W., Stuttgart, Germany. Machine for grating dough. 1,469,142; Sept. 25.
Funk, Arthur, New York, N. Y. Skirt marker. 1,467,786; Sept. 11.
Funk, Casimir, and L. Freedman, assignors to H. A. Metz, New York, N. Y. Derivative of suprarenin and preparing the same. 1,472,298; Oct. 30.
Funk, Frank M., and M. C. Jenners, Detroit, Mich. Reversing chuck. 1,461,871; July 17.
Funk, John H., Oklahoma, Okla., assignor to Universal Car and Hose Coupler Company, St. Louis, Mo. Car coupling head. 1,442,564; Jan. 16.
Funk, John H., Louisville, Ky., assignor to Universal Car and Hose Coupler Company, St. Louis, Mo. Compression coupling. 1,463,261; July 31.
Funk, John W. (See Wilcox, F. E., and Funk.)
Funk, Richard W., Bellefonte, Pa. Trolley wheel. 1,469,784; Oct. 9.
Funk, Truman B., assignor, by mesne assignments, to Midwest Engine Corporation, Indianapolis, Ind. Furrow guide. 1,444,738; Feb. 6.
Funk, Walter L., Grand Rapids, Mich. Suspenders. 1,444,541; Feb. 6.
Funke, Hans, Zittau, Germany. Stove. 1,460,374; July 3.
Funnell, Christopher E. (See Garrett, A. O., Funnell, and Hoffman.)
Funnell, Harry M., Bloomfield, Conn. Universal joint. 1,451,946; Apr. 17.
Furan, Lars L., Thief River Falls, Minn. Sanitary seat cover. 1,442,142; Jan. 16.
Furber, Frederick M., Revere, Mass. Automobile lock. 1,448,658; Mar. 13.
Furber, Frederick M., Revere, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shank-gouging machine. 1,441,222; Jan. 9.
Furber, Frederick M., Revere, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Grinding machine. 1,445,676; Feb. 20.
Furber, Frederick M., Revere, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine and method applicable in the cutting of sheet material. 1,450,945; Apr. 10.
Furber, Frederick M., Revere, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Process of and machine for perforating. 1,475,181; Nov. 27.
Furber, Frederick M., Revere, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Cutting of sheet material. 1,476,706; Dec. 11.
Furbush, Frank L., Graniteville, assignor to C. G. Sargent's Sons Corporation, Westford, Mass. Sectional conveyer for drying machines. 1,448,838; Mar. 20.
Furbush, Frank L., Westford, Mass., assignor to C. G. Sargent's Sons Corporation. Sectional squeeze roll. 1,466,094; Aug. 28.
Furbush, Frank L., Westford, Mass., assignor to C. G. Sargent's Sons Corporation. Device for stripping stock from conveyer aprons. 1,478,784; Dec. 25.
Furlong, James J., Tacoma, Wash. Collar fastener. 1,474,252; Nov. 13.
Furlong, Martin J., Houston, Tex. Locomotive. 1,454,161; May 8.
Furlong, Martin J., Houston, Tex. Vehicle. 1,454,162; May 8.
Furman, John W., Point Township, Northumberland County, Pa. Vermin-killing device for plants. 1,470,436; Oct. 9.
Furman, Thomas H., Brooklyn, N. Y. Safety device for airplanes. 1,463,464; July 31.
Furmidge, Samuel, Chicago, Ill., assignor, by mesne assignments, to William E. Dee Company. Supplementary vehicle spring. 1,457,518; June 5.
Furnas, Everett C., Lima, Ohio. Oiling sleeve. 1,467,668; Sept. 11.
Furnival, John M. (See Van de Velde, H. R. C., and Furnival.)
Furr, Harry L., Harrisonburg, Va. Automobile signal. 1,475,811; Nov. 27.
Furry, Samuel H., Lancaster, Ohio. Sign. 1,456,230; May 22.
Furste, Henry, Cincinnati, Ohio. Natural object builder. 1,447,379; Mar. 6.
Furstenau, Martin C., Philadelphia, Pa. Electric immersion heater. 1,455,246; May 15.
Fury, William M. (See Garrabrant, C., and Fury.)
Fussner, George. (See Stercklen, Prosper, assignor.)
Fussner, George, Menominee, Mich., assignor to Signal Electric Mfg. Co. Electromagnetic apparatus. 1,457,519; June 5.
Fussner, George, Menominee, Mich., assignor to Signal Electric Mfg. Co. Fluid-tight apparatus. 1,458,620; June 12.
Futch, Victor H. (See Powell, A. R., and Futch.)
Futral, Richard, assignor to St. Louis Stove Company, St. Louis, Mo. Stove. 1,463,315; July 31.
Futterer, Edward J., Buffalo, N. Y. Means for use in operating electric cars and the like. 1,446,172; Feb. 20.
Futterman, Benjamin. (See Sprague, Sidney, assignor.)
Fuzzard, Ralph M., Miami, Fla. Dynamite punch. 1,465,300; Aug. 21.
Fye, John G., Ollie, Iowa. Valve-spring-lifting device. 1,451,212; Apr. 10.
Fyke, Frank C., and J. E. Hunt, Elizabeth, N. J., assignors to Standard Development Company. Tank-outlet valve. 1,458,816; June 12.
Fykse, Mikjel L. (See Smith, I. M., and Fykse.)
Fynn, Valère A., assignor, by mesne assignments, to Wagner Electric Corporation, St. Louis, Mo. Roller bearing. 1,443,915; Jan. 30.
Fynn, Valère A., assignor, by mesne assignments, to Wagner Electric Corporation, St. Louis, Mo. Speed-regulating apparatus. 1,451,501; Apr. 10.
Fynn, Valère A., assignor, by mesne assignments, to Wagner Electric Corporation, St. Louis, Mo. Speed-regulating apparatus. 1,451,502; Apr. 10.

G. C. A. Manufacturing Company. (See Grinnell, Harold D., assignor.)
G. F. H. Corporation, The. (See Higinbotham, Arthur O., assignor.)
G & J Tire Company. (See McRoberts, Donal C., assignor.)
G. & J. Tire Company. (See Stephenson, Ralph E., assignor.)
G. & J. Weir, Limited. (See Weir, William D., assignor.)
G. M. C. Metallic Grease Co. (See Verniaud, Claudius, assignor.)
G. & V. R. Limited. (See Grice, Arthur G., assignor.)
Gaarder, Lester G., and N. C. Enger, Oshkosh, Wis. Fountain pen. 1,478,332; Dec. 18.
Gabbert, Alfred D. (See Mitchell, S. J., Gabbert, and Blatter.)
Gabehart, James D., Elkhorn, Ky. Gate. 1,447,070; Feb. 27.
Gabel, Herman E., Leonia, N. J., assignor to P. R. Mitchell Company, Cincinnati, Ohio. Textile fabric. Des. 62,014; Feb. 27.
Gabke, John S., Wilmington, Del. Toy vehicle. 1,453,046; Apr. 24.
Gable, Charley, et al. (See Richards, Jesse D., assignor.)
Gabler, James D., New York, N. Y. Picture mat. Des. 61,764; Jan. 9.
Gabriel, Charles R., assignor to E. W. Bliss Company, Brooklyn, N. Y. Drawing press and reversing mechanism for such presses and similar machines. 1,443,176; Jan. 23.
Gabrielson, Carl, Syracuse, N. Y. Snap gauge. 1,469,953; Oct. 9.
Gabrielson, Carl, Syracuse, assignor to Newell Manufacturing Company, Ogdensburg, N. Y. Machine for bending pipe. 1,462,935; July 24.
Gabrielson, Carl, assignor to L. C. Smith & Bros. Typewriter Company, Syracuse, N. Y. Typewriting machine. 1,467,723; Sept. 11.
Gabrielson, Carl, assignor to L. C. Smith & Bros. Typewriter Co., Syracuse, N. Y. Ribbon spool for typewriting machines. 1,474,111; Nov. 13.
Gacopetta, Domenick, Norwalk, Conn. Combined tail light and license-marker illuminator. 1,471,554; Oct. 23.
Gadberry, John O., Joplin, Mo. Socket wrench. 1,478,736; Dec. 25.
Gadbury, Samuel L., Stockton, Calif. Ignition-switch block. 1,466,279; Aug. 28.
Gadd, William O., San Antonio, Tex. Clothespin. 1,457,969; June 5.
Gadda, Erik, Silverton, Oreg. Clothes hanger. 1,466,525; Aug. 28.
Gaddis, William E., assignor of one-third to H. L. Stewart, McCune, Kans. Road leveler. 1,453,346; May 1.
Gaddy, Vernie L. (See Krase, N. W., and Gaddy.)
Gade, Harald F., Philadelphia, assignor to Standard Pressed Steel Co., Jenkintown, Pa. Lubricating means for loose pulleys, gears, etc. 1,477,051; Dec. 11.
Gadecki, Philip, Mystic, Iowa. Mechanical toy. 1,477,341; Dec. 11.
Gadomski, Stanley, Chicago, Ill. Ship stabilizer. 1,444,150; Feb. 6.
Gadsby, Frederick C. (See Coward, William M., assignor.)
Gaebel, John L., Madisonville, Ky. Soap-dispensing device. 1,464,985; Aug. 14.
Gaess, Helmuth J., Palisade, N. J., assignor to Vesco Bait Co., New York, N. Y. Artificial bait. 1,468,148; Sept. 18.
Gaffney, John L., Chicago, Ill. Apparatus for applying abrasive material or paint to the surface of match boxes. 1,447,540; Mar. 6.
Gafner, Hans, Escanaba, Mich. Adjustable shoe last. 1,465,356; Aug. 21.
Gage, Harry W. (See Kirstein, H. E., and Gage.)
Gage, Henry P., assignor to Corning Glass Works, Corning, N. Y. War-zone driving light. 1,471,842; Oct. 23.
Gage, Joseph J., assignor, by mesne assignments, of one-half to T. Cureton, Dayton, Ohio. Drier tank. 1,447,205; Mar. 6.

Gage, Joseph J., assignor, by mesne assignments, of one-half to T. Cureton, Dayton, Ohio. Drier tank. 1,447,206; Mar. 6.
Gage, Raymond W., Jackson, Mich. Cylinder-reboring machine. 1,471,458; Oct. 23.
Gage, Samuel, Holloway, London, England, assignor to The London General Omnibus Company, Limited, Broadway, Westminster, England. Passenger vehicle. 1,471,151; Oct. 16.
Gage, Samuel, Holloway, London, assignor to The London General Omnibus Company Limited, Westminster, England. Slatted floor, deck, or the like. 1,475,765; Nov. 27.
Gagné, Augustin, Central Falls, R. I. Web-holder cam for knitting machines. 1,457,903; June 5.
Gagné, Augustin, assignor to Hemphill Company, Central Falls, R. I. Open or lace work knitting machine. 1,450,946; Apr. 10.
Gagne, Gideon R., assignor to A. O. Smith Corporation, Milwaukee, Wis. Running board for automobiles. 1,469,785; Oct. 9.
Gagné, Hervey, St. Jean d'Ilberville, Quebec, Canada. Locking device. 1,449,980; Mar. 27.
Gagnier, George E., Detroit, Mich. Adjustable windshield visor. 1,444,966; Feb. 13.
Gahlert, Franz, jr., Weipert, Bohemia. Gear. 1,460,958; July 3.
Gahm, Frank, Streator, Ill. Steering gear for automobiles. 1,441,843; Jan. 9.
Gahm, Frank, Streator, Ill. Automobile attachment. 1,448,059; Mar. 13.
Gahm, Frank, Streator, Ill. Vehicle seat. 1,470,004; Oct. 9.
Gahm, Frank, assignor of one-half to W. H. McCormick, Streator, Ill. Attaching means for automobile bumpers. 1,470,003; Oct. 9.
Gaidomawicz, Anton. (See Gasparaitis, Stanley, assignor.)
Gail, Charles H., assignor to The Shott Manufacturing Company, Cincinnati, Ohio. Box bedspring. 1,455,872; May 22.
Gail, Charles H., assignor to The Shott Manufacturing Company, Cincinnati, Ohio. Bedspring. 1,455,873; May 22.
Gail, Charles H., assignor to The Shott Manufacturing Company, Cincinnati, Ohio. Bedspring fabric. 1,457,430; June 5.
Gail, John F., Evanston, Ill., assignor to Simmons Company, Kenosha, Wis. Riveting press. 1,444,909; Feb. 13.
Gail, John F., Evanston, Ill., and C. H. Busch, assignor to Simmons Company, Kenosha, Wis. Bedstead corner lock. 1,470,072; Oct. 9.
Gailor, William H., Saratoga Springs, N. Y. Roller attachment for power-driven machines. 1,458,751; June 12.
Gaines, Edward C. (See Vaughan, H. H., and Gaines.)
Gaines, Florence E. (See Wheeler, Wellington B., assignor.)
Gaines, Frederick F., Savannah, Ga. Car-coupler-positioning device. 1,464,247; Aug. 7.
Gaines, Henry W., Bowling Green, Ky. Spring wheel. 1,460,413; July 3.
Gains, Harold C., London, England. Diaphragm. 1,454,163; May 8.
Gair, Robert, Company. (See Relihan, William, assignor.)
Gair, Robert, Company. (See Seifert, August, assignor.)
Gaither, Harry, Monument, N. Mex. Windmill. 1,441,977; Jan. 9.
Gaj, John B., Detroit, Mich. Stove attachment. 1,464,986; Aug. 14.
Gajkowski, Edmond, et al. (See Gajkowski, Wladyslaw J., assignor.)
Gajkowski, Stanley J., et al. (See Gajkowski, Wladyslaw J., assignor.)
Gajkowski, Wladyslaw J., assignor of one-fourth to S. Z. Grabowski, one-fourth to S. J. Gajkowski, and one-fourth to E. Gajkowski, Buffalo, N. Y. Guard for wire-drawing machine. 1,466,645; Aug. 28.
Gaken, Jozef F., assignor of one-third to L. Kuzdial, Dunkirk, N. Y. Window fire escape. 1,450,207; Apr. 3.
Galamb, Joseph, assignor to Ford Motor Company, Detroit, Mich. Starting switch. 1,459,051; June 19.
Galamb, Joseph, Detroit, assignor to Ford Motor Company, Highland Park, Mich. Timer for ignition systems for internal-combustion engines. 1,463,946; Aug. 7.
Galamb, Joseph, assignor to Ford Motor Company, Detroit, Mich. Vehicle top. 1,477,751; Dec. 18.
Galamb, Joseph, assignor to Ford Motor Company, Detroit, Mich. Drip molding and trim rail. 1,477,752; Dec. 18.
Galbraith, Alexander, Dalmuir, Scotland. Pneumatic suspension for wheeled vehicles. 1,457,157; May 29.
Galbraith, David G., Mineral Wells, Tex. Tie fastener. 1,469,298; Oct. 2.
Galbraith, David G., Mineral Wells, Tex. Clamp for holding files, bundles, and such like. 1,469,299; Oct. 2.
Gale, Francis G., Waterville, Quebec, Canada. Mattress frame. 1,463,161; July 31.
Gale, Frederick A., Chicago, Ill. Automatic blower for locomotives. 1,466,371; Aug. 28.
Gale, George M., San Antonio, Tex. Fountain brush. 1,454,023; May 1.
Gale, Henry A. (See Cook, O. S., and Gale.)
Galerman, Benjamin, Philadelphia, Pa. Burglar-alarm apparatus. 1,452,500; Apr. 24.
Galeski, Joseph S., Richmond, Va. Lens-tool-grinding machine. 1,475,626; Nov. 27.
Galigher, Maude F., et al. (See Harris, Romaine R., assignor.)
Galion Iron Works & Mfg. Co. (See Arndt, Franklin E., assignor.)
Galion Iron Works & Mfg. Co., The. (See Boyd, David C., assignor.)
Galion Iron Works & Mfg. Co., The. (See Gorsuch, Howard F., assignor.)
Galion Iron Works & Mfg. Co., The. (See Jones, Henry D., assignor.)
Galizia, Frank, Farrell, Pa. Sanitary seat. 1,450,283; Apr. 3.
Gallager, Albert J. (See Laise, C. A., and Gallager.)
Gallagher, Alfred H., assignor to Tanners Products Company, Chicago, Ill. Pad for chair seats and the like. 1,444,066; Feb. 6.
Gallagher, Arthur D., assignor to Oliver Chilled Plow Works, South Bend, Ind. Combined plow and planter. 1,453,553; May 1.
Gallagher, Charles R., Los Angeles, Calif., assignor of one-half to A. A. Kramer, Kansas City, Mo. Liquid-sealed deck for tanks. 1,478,359; Dec. 18.
Gallagher, Frederick S., Yonkers, N. Y. Hopper-door-operating mechanism. 1,475,572; Nov. 27.
Gallagher, Frederick S., Yonkers, N. Y., assignor to Rodger Ballast Car Company, Chicago, Ill. Door locking and releasing mechanism. 1,458,330; June 12.
Gallagher, Frederick S., Yonkers, N. Y., assignor to Rodger Ballast Car Co., Chicago, Ill. Car construction. 1,468,630; Sept. 25.
Gallagher, George D. (See Moore, J. B., and Gallagher.)
Gallagher, George D., Washington, D. C., assignor to Winchester Repeating Arms Company, New Haven, Conn. Handlamp. Re. 15,549; Feb. 20.
Gallagher, Hugh F., Portland, Me., and M. P. Gallagher, Littleton, N. H. Embroidering machine. 1,450,031; Mar. 27.
Gallagher, James J., et al. (See Bahr, August T. J., assignor.)
Gallagher, John J. (See Martin, Frederick T., assignor.)
Gallagher, Michael L., and S. Brockson, Hankinson, N. Dak. Valve mechanism for explosive engines. 1,465,428; Aug. 21.
Gallagher, Michael P. (See Gallagher, Hugh F. and M. P.)
Gallagher, Patrick J. F., Marlboro, N. Y. Fruit basket. 1,471,953; Oct. 23.
Gallagher, Richard D., Bay St. Louis, Miss. Portable bridge. 1,462,541; July 24.
Gallagher, Richard D., Chicago, Ill. Guard-rail clamp. 1,471,555; Oct. 23.
Gallagher, Walter J., Cincinnati, Ohio. Means to restore the operation of clutch bands. 1,442,719; Jan. 16.
Gallagher, Walter J., Cincinnati, Ohio. Jar opener. 1,476,707; Dec. 11.
Gallagher, William. (See Crompton, J., and Gallagher.)
Gallant, Alphee J., Portland, Me. Door-operating mechanism. 1,458,752; June 12.
Gallatin, Dwight S., Pittsburgh, Pa. Card game. 1,468,290; Sept. 18.
Gallaudet, Edson F., East Greenwich, R. I. Tennis racket and the like. 1,460,665; July 3.
Gallaugher, Francis V., Lake Charles, La. Ventilator for automobiles. 1,474,075; Nov. 13.
Gallaway, Perry C., De Queen, Ark. Yoke for cattle. 1,462,743; July 24.
Galleazzi, Joseph, San Fracisco, Calif. Nut-cracking machine. 1,448,267; Mar. 13.
Gallegos, Lito, Aguilar, Colo. Tire carrier. 1,443,817; Jan. 30.
Gallien, Addison J., Upper Montclair, N. J., assignor to R. Hoe and Co., New York, N. Y. Marginal printing. 1,456,182; May 22.
Gallistel, Clarence, assignor to Sefton Manufacturing Corporation, Chicago, Ill. Package for wall paper, etc. 1,472,211; Oct. 30.
Gallmeier, Siegmund. (See Doerner, John L., assignor.)
Galloway, Charles D. (See Kershaw, W. E., and Galloway.)
Galloway, Edward F. (See Baxter, R. C., Galloway, and Gray.)
Galloway, George A. (See Borne, J. F., and Galloway.)
Galloway, Thomas, Superior, Wis. Mechanical hoist. 1,469,900; Oct. 9.
Gallsworthy, Benjamin, Tampico, Mexico, assignor to The Texas Company. Distilling materials in contact with porous substances. 1,477,642; Dec. 18.
Gallucci, Oreste, Cleveland, Ohio. Sanitary garbage can. 1,459,622; June 19.
Gallup, Luke L., Los Angeles, Calif. Educational device. 1,457,223; May 29.
Galoppa, Jerry. (See Ugnon, C., Galoppa, and Saldarini.)
Galpin, George, and D. H. Baer, Detroit, Mich., assignors to Morgan & Wright. Electrically-controlled power-cut-out safety device. 1,472,212; Oct. 30.

Galusha, Albert L., Sharon, Mass. Gas-purifying apparatus. 1,476,292; Dec. 4.
Galuska, John, Newark, N. J. Truck. 1,475,483; Nov. 27.
Galvin, Dan, Paducah, Ky. Sunshade device. 1,441,495; Jan. 9.
Galvin, William H., San Francisco, Calif. House light and sign. 1,448,206; Mar. 13.
Gambill, William M., Merkel, Tex. Impression and cast retainer. 1,470,826; Oct. 16.
Gamble, Albert A., Rochester, N. Y. Mathematical board. 1,466,501; Aug. 28.
Gamble, Frederick O., Memphis, Tenn. Dental floss holder. 1,468,942; Sept. 25.
Gamble, William, and M. Owen; said Gamble assignor to A. W. Penrose and Company Limited, London, England. Applying sheets to printing cylinders. 1,458,477; June 12.
Gamble, William, and M. Owen; said Gamble assignor to A. W. Penrose and Company Limited, London, England. Apparatus for applying sheets to printing cylinders. 1,478,947; Dec. 25.
Gamewell Fire Alarm Telegraph Co., The. (See King, George E., assignor.)
Gamewell Fire Alarm Telegraph Company, The. (See Stanley, Vincent C., assignor.)
Gamewell Fire Alarm Telegraph Company, The. (See Suren, Nathan H., assignor.)
Gamm, Charles C., St. Paul, Minn., assignor to Waldorf Paper Products Company. Carton-sealing machine. 1,468,015; Sept. 18.
Gammel, Karl, Cleveland, Ohio. Cooking utensil. 1,462,275; July 17.
Gammell, Alexander. (See Hanney, A. F., and Gammell.)
Gammeter, Harry C., Cleveland Heights, assignor to The American Multigraph Company, Cleveland, Ohio. Mechanism for feeding paper, cards, envelopes, etc. 1,457,158; May 29.
Gammeter, Harry C., Cleveland Heights, assignor to The American Multigraph Company, Cleveland, Ohio. Mechanism for feeding tags, cards, etc. 1,472,466; Oct. 30.
Gammeter, Harry C., Cleveland Heights, assignor to The American Multigraph Company, Cleveland, Ohio. Machine for casting column rules. 1,476,503; Dec. 4.
Gammeter, John R., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Cushion-tire structure. 1,445,014; Feb. 13.
Gammeter, John R., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for plying up tire fabric. 1,458,476; June 12.
Gammeter, John R., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Windowpane-fastening strip. 1,459,095; June 19.
Gammeter, John R., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire flap. 1,467,313; Sept. 11.
Gammeter, John R., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for plying up tire fabric. Re15,699; Oct. 16.
Gammeter, John R., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire-painting machine. 1,471,787; Oct. 23.
Gammon, Tillman H., Los Angeles, Calif. Spring tire. 1,458,117; June 5.
Gampe, Georg, Dobeln, Germany. Parallel vise. 1,441,413; Jan. 9.
Gampher, Paul, Chicago, Ill. Earth auger. 1,466,897; Sept. 4.
Gamwell, Arthur, Los Angeles, Calif. Thumb lock. 1,456,846; May 29.
Gandee, Floyd H., et al. (See Dungan, John E., assignor.)
Gandell, William R. K., London, England. Spanner. 1,463,077; July 24.
Gander, James S., Forest Gate, England. Apparatus for spraying oil fuel or other liquids. 1,444,601; Feb. 6.
Gandillon, Pierre, Tarbes, France. Water-closet. 1,476,244; Dec. 4.
Gandy, Charles L., Mount Auburn, Ill. Valve-stem guard. 1,444,340; Feb. 6.
Gangler, Paul, Esslingen, Germany. Device for folding paper bags. 1,459,825; June 26.
Gannon, John H., Tucson, Ariz. Liquid-fuel purifier. 1,470,719; Oct. 16.
Gannon, Joseph R., New York, N. Y. Disappearing vehicle step. 1,467,976; Sept. 11.
Gans, Michael J., et al. (See Wentz, John, assignor.)
Gansz, Harry G., Cincinnati, Ohio. Tube and closure. 1,474,253; Nov. 13.
Gant, E. M., Mfg. Co., The. (See Gant, Eugene M., assignor.)
Gant, Eugene M., assignor to The E. M. Gant Mfg. Co., Ethridge, Tenn. Pump plunger. 1,441,339; Jan. 9.
Gantenbein, John E., Kelso, Wash. Limb attachment. 1,442,392; Jan. 16.
Ganthier, Charles, Garden, Mich. Toy. 1,440,454; Jan. 2.
Gantz, Amos F., Woodstown, N. J. Fuel lock for automobiles. 1,476,293; Dec. 4.
Gantt, Michael D. (See Youngson, James, assignor.)
Gantvoort, John M., Beacon, N. Y. Baker's installation. 1,454,675; May 8.
Ga Nung, Howard D. (See Smiley, W. E., and Ga Nung.)
Ganz, Albert J., Los Angeles, Calif. Picture stand or support. 1,466,934; Sept. 4.
Ganz, Albert J., assignor to Einson-Freeman Company, New York, N. Y. Combined shipping, dispensing, and display box or carton. 1,454,849; May 15.
Ganz, William, Chicago, Ill. Lock for steering gears. 1,453,256; Apr. 24.
Gara, Earl V., Balboa, Calif. Exhaust and water discharge for engines. 1,478,948; Dec. 25.
Garand, John C. (See Kewish, John T., assignor.)
Garbacz, Albert, East Hammond, Ind., assignor of one-half to W. H. Newburg, Medford, Wis. Wrench. 1,466,502; Aug. 28.
Garbarini, André, Courbevoie, France. Gas-heating radiator. 1,473,844; Nov. 13.
Garbell, Max, assignor to Garbell Typewriter Corporation, Chicago, Ill. Typewriting machine. 1,457,970; June 5.
Garbell, Max, assignor to Garbell Typewriter Corporation, Chicago, Ill. Typewriting machine. 1,457,971; June 5.
Garbell Typewriter Corporation. (See Du Mais, Leo J., assignor.)
Garbell Typewriter Corporation. (See Garbell, Max, assignor.)
Garbis, Spiro D., Calcutta, British India. Mouthpiece for receptacles to contain liquids and means for sealing the same. 1,458,932; June 19.
Garbutt, Frank A., Los Angeles, Calif. Bed. 1,475,010; Nov. 20.
Garbutt, William O., Gloucester, England. Electric accumulator. 1,441,792; Jan. 9.
Garceau, Harry J., assignor to Warner Gear Company, Muncie, Ind. Automobile lock. 1,451,821; Apr. 17.
Garcia, Francisco, San Antonio, Tex. Automobile signal. 1,466,935; Sept. 4.
Garcillán, Ciriaco, New York, N. Y. Lamp socket. 1,464,602; Aug. 14.
Garcin, Marie L., New York, N. Y. Marking device. 1,451,654; Apr. 10.
Gardalen, Oliver H., Dows, Iowa. Clutch release for tractors. 1,448,623; Mar. 13.
Gardeen, Carl J., St. Paul, Minn. Current rectifier. 1,457,902; June 5.
Gardelis, August, Princeton, N. J. Swimming device. 1,470,437; Oct. 9.
Garden, Alexander T., Augusta, Kans. Oil regulator. 1,457,520; June 5.
Gardham, George A., Highland Park, assignor of one-half to A. C. Webster, Detroit, Mich. Stamp and method of forming the same. 1,470,354; Oct. 9.
Gardineer, Robert L. (See Grund, W., and Gardineer.)
Gardiner, John R., Fullerton, Calif. Interchangeable cultivating and trench-forming apparatus. 1,459,393; June 19.
Gardiner, Joseph M., Baltimore, Md. Loose-leaf binder. 1,464,313; Aug. 7.
Gardiner, Lou M., deceased, by M. D. Gardiner, administratrix, Oakland, Calif. Vehicle driving mechanism. 1,463,687; July 31.
Gardiner, May D., administratrix. (See Gardiner, Lou M.)
Gardini, Cearse. (See Driganti, Charles J., assignor.)
Gardner, Anthony G. (See Berger, J. G., and Gardner.)
Gardner, Benjamin F., Chicago, Ill. Audible sound instrument. 1,443,357; Jan. 30.
Gardner, Blake W., Memphis, Tenn. Automatic stopping attachment for phonographs. 1,446,792; Feb. 27.
Gardner, Cass A., Kansas City, Mo. Hair-straightener comb. 1,465,979; Aug. 28.
Gardner, Charles F. (See Williams, Harry W., assignor.)
Gardner, Edgar L., and J. L. Willard, assignor to Pullman Manufacturing Company, Rochester, N. Y. Window-sash balance. 1,443,571; Jan. 30.
Gardner, Ernest G., Brooklyn, N. Y. Means for sinking concrete piles. 1,454,434; May 8.
Gardner, Frank, Dallas, Tex. Displacement pump. 1,456,885; May 29.
Gardner, Frederic E., Beloit, Wis. Abrasive-wheel chuck for grinding machines. 1,461,184; July 10.
Gardner Governor Company, The. (See Gardner, John W., assignor.)
Gardner, Henry A., Washington, D. C. Plastic composition and making same. 1,446,039; Feb. 20.
Gardner, Henry A., Washington, D. C. Fabric for airships and making same. 1,449,748; Mar. 27.
Gardner, Henry A., Washington, D. C. Dechlorinated chlorinated-glycerides and derivatives therefrom. 1,452,553; Apr. 24.
Gardner, Henry A., Washington, D. C. Reaction product of tung oil and a dechlorinated oil and making same. 1,463,883; Aug. 7.
Gardner, Henry A., Washington, D. C. Coated or impregnated body and preparing the same. 1,463,884; Aug. 7.
Gardner, Hiram E., jr., Concord, N. H. Bushing remover and replacer. 1,465,124; Aug. 14.
Gardner, John, Carnforth, England. Windmotor. 1,478,214; Dec. 18.
Gardner, John J., New York, N. Y. Motor vehicle. 1,445,677; Feb. 20.

Gardner, John W., Quincy, Ill., assignor to The Gardner Governor Company. Compressor mechanism. 1,450,032; Mar. 27.
Gardner Machine Company. (See Bergen, Harry S., assignor.)
Gardner, Marshall B., Aurora, Ill. Fob ornament, locket, or similar article. Des. 63,362; Nov. 27.
Gardner, Newton C., Cairo, Ill. Choke rod. 1,464,263; Aug. 7.
Gardner, Prince A., St. Louis, Mo. Cardcase. 1,463,619; July 31.
Gardner, Ralph D., Beloit, Wis. Grinding machine. 1,465,762; Aug. 21.
Gardner, Richard N., San Francisco, Calif. Time calculator. 1,458,649; June 12.
Gardner, Samuel L., Cedar Rapids, Iowa. Auxiliary tie rod. 1,452,554; Apr. 24.
Gardner, Sydney B., Benson, Minn. Pipe-smoker's kit. 1,458,817; June 12.
Gardner Textile Co. (See Reeves, Frank, assignor.)
Gardner, Walter A. (See Otis, S., and Gardner.)
Gardner, William C., Ardmore, Okla. Fishhook holder. 1,451,256; Apr. 10.
Gardner, William E., Pittsburgh, Pa. Vulcanizable composition and making the same. 1,440,455; Jan. 2.
Gardner, William R., assignor to Independent Gasaver Corporation, New York, N. Y. Gas-burner attachment. 1,471,788; Oct. 23.
Gardon, Ambroise, Meacham, Saskatchewan, Canada. Collapsible granary. 1,473,845; Nov. 13.
Gardonyi, Mike G., Cleveland, Ohio. Milk-bottle holder. 1,457,060; May 29.
Garey, George E., Downs, Kans. Bearing burning-in attachment. 1,470,722; Oct. 16.
Garey, John P., Elmira Heights, N. Y. Spinning frame and the like. 1,442,873; Jan. 23.
Garey, John P., assignor to Eclipse Machine Company, Elmira, N. Y. Spinning frame and the like. 1,442,872; Jan. 23.
Gargan, Charles L., and J. E. Leinen, assignors to C. D. Leonard, Rochester, N. Y. Stovepipe damper. 1,470,619; Oct. 16.
Garland, Charles F. (See Varone, Frederick, assignor.)
Garland, Claude M. (See Traer, G. W., and Garland.)
Garland, Claude M., Chicago, Ill. Apparatus for devolatilizing coal, shale, etc. 1,460,414; July 3.
Garland, Claude M., Chicago, Ill. Retort for the distillation of shale, bituminous coal, and other materials. 1,473,616; Nov. 13.
Garland, George F., Medford, assignor of one-third to J. C. Snowden and one-third to L. Borlenghi, South Weymouth, Mass. Paper-bag holder. 1,443,320; Jan. 23.
Garland, Harrison W. (See Bussiere, Frank, assignor.)
Garland, William, Clinton, Mass. Circle divider. 1,464,417; Aug. 7.
Garlatti, Daniele, Iroquois Falls, Ontario, Canada. Combination instrument. 1,458,046; June 5.
Garliner, Jacob, Rochester, N. Y. Cuff button. Des. 62,024; Mar. 6.
Garlock, Lawrence R., Lockport, N. Y. Fuel. 1,444,341; Feb. 6.
Garlock, William H., Seattle, Wash. Surgical apparatus. 1,452,733; Apr. 24.
Garman, Harry B., Detroit, Mich., assignor to The Steel Products Company, Cleveland, Ohio. Drag link. 1,458,331; June 12.
Garman, Harry B., Detroit, Mich., assignor to Steel Products Company, Cleveland, Ohio. Drag link. 1,458,332; June 12.
Garman, Harry B., Detroit, Mich., assignor to The Steel Products Company, Cleveland, Ohio. Dustguard for drag links. 1,473,931; Nov. 13.
Garman, R. A., et al. (See Dickover, C. W., and Henry, assignors.)
Garner, F. H. (See Wilson, John D., assignor.)
Garner Print Works & Bleachery. (See Sillière, Paul E., assignor.)
Garner, Samuel B., Bend, Oreg. Door latch. 1,449,394; Mar. 27.
Garner, William R., Erie, Pa., assignor of one-fourth to C. Davis, Washington, D. C. Illuminated license tag and signal for automobiles. 1,467,371; Sept. 11.
Garr, Joseph M. (See Godman, J. E., and Garr.)
Garrabrant, Charles and W. M. Fury, Brooklyn, N. Y. Collapsible table. 1,444,678; Feb. 6.
Garraway, George C., Rutherford, N. J. Pump. 1,448,486; Mar. 13.
Garren, George S., Oak Park, assignor to Sargent Company, Chicago, Ill. Water gauge. 1,470,720; Oct. 16.
Garrett, Arthur O., San Diego, C. E. Funnell, and W. L. Hoffman, Los Angeles, Calif. Slotting machine. 1,470,721; Oct. 16.
Garrett, Arthur O., San Diego, and C. E. Funnell and W. L. Hoffman, Los Angeles, Calif. Storage-battery-cell top. 1,474,523; Nov. 20.
Garrett, Cornelius. (See Wood, R., and Garrett.)
Garrett, Emerson E., Wallace, W. Va. Chain. 1,458,096; June 5.
Garrett, George H., assignor to R. H. Croft, Winterset, Iowa. Door-operating device. 1,443,736; Jan. 30.
Garrett, Jesse M., St. Louis, Mo. Burner. 1,478,949; Dec. 25.
Garrett, Robert E., Nashville, Tenn. Underwear. 1,460,959; July 3.
Garrett, Robert L., and J. L. Goolsby, Marlin, assignors of one-third to W. F. Gillette, Falls County, Tex. Steering arm. 1,477,168; Dec. 11.
Garrett, Vincent A. and M. W. Abts, Morrill, Nebr. Seed-potato cutter. 1,441,844; Jan. 9.
Garrett, William L., Forney, Tex. Machine for gathering cotton squares. 1,474,627; Nov. 20.
Garrigan, Cornelius J., Millvale, Pa. Oil heater. 1,474,524; Nov. 20.
Garrigue, William, & Company. (See Bodman, John W., assignor.)
Garrigue, William, & Company. (See Sanger, Walter E., assignor.)
Garrison, Frank, Jerome, Idaho. Tool. 1,461,270; July 10.
Garrison, Herman, Chicago, Ill. Can opener. 1,476,360; Dec. 4.
Garrison, Orlando, Dayton, Ohio. Gear-grinding machine. 1,469,504; Oct. 2.
Garrison, Orlando, Dayton, Ohio. Chuck. 1,470,158; Oct. 9.
Garritson, Henry R., Kokomo, Ind. Basket. 1,456,376; May 22.
Garritt, Wilbur A., and J. H. Engebrigtson, Sioux City, Iowa. Sign-displaying device. 1,454,582; May 8.
Garrity, Harry. (See Dunseth, C. A., and Garrity.)
Garroway, Leon. (See Schnitzer, L. M., Garroway, and Gelfman.)
Garsed, Edward T., assignor to Alexander and Garsed, Inc., Charlotte, N. C. Indigo dyeing. 1,449,981; Mar. 27.
Garside, Edmund, Darlington, assignor to J. H. Morgan, Sheffield, and The Skerne Works Limited, Darlington, England, and himself. Divided driving pulley and the like of sheet-metal construction. 1,454,435; May 8.
Gartin, Elmer G., assignor to Sullivan Machinery Company, Claremont, N. H. Fluid motor. 1,440,730; Jan. 2.
Gartin, Elmer G., assignor to Sullivan Machinery Company, Claremont, N. H. Fluid motor. 1,440,731; Jan. 2.
Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Fluid-pressure motor. 1,471,691; Oct. 23.
Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Rotating mechanism for percussive tools. 1,474,338; Nov. 13.
Gartlan, Stephen L., assignor of fifty-five one hundredths to A. E. Gooderham, Toronto, Ontario, Canada. Apparatus for treating hydrocarbons. 1,445,433; Feb. 13.
Gartling, George, Los Angeles, Calif. Chain pump. 1,444,180; Feb. 6.
Gartner, Carl. (See Doose, G., and Gartner.)
Gartner, Victor, Brooklyn, N. Y. Fountain pen. 1,461,823; July 17.
Garton, Emery E., Jetmore, Kans. Well-pipe lifter. 1,445,504; Feb. 13.
Garver, Joseph L. (See Howe, C. W., and Garver.)
Garver, Joseph P., Charleston, Ill. Adjustable seat back. 1,458,879; June 12.
Garvey, James D., Chicago, Ill. Fountain brush 1,441,675; Jan. 9.
Garvey, James D., Chicago, Ill. Mop wringer. 1,457,568; June 5.
Garvey, James F., Lincoln, Nebr. Attachment for motor vehicles. 1,462,744; July 24.
Garvin Machine Company, The. (See McClellan, Edward J., assignor.)
Garvin, Peter J., New York, N. Y. Plumbing system. 1,458,818; June 12.
Garwood, George W. (See Bost, W. D., Miller, and Garwood.)
Garwood, George W., El Monte, Calif. Valve-spring lifter. 1,440,534; Jan. 2.
Garwood, William C., Dayton, Ohio. Auto lamp-dimmer attachment. 1,471,395; Oct. 23.
Gary, Clarence E., Syracuse, N. Y. Internal-combustion engine. 1,464,384; Aug. 7.
Gas Light and Coke Company, The. (See Lewcock, W., and Tallantyre, assignors.)
Gas Research Company, The. (See Smith, Harry F., assignor.)
Gas Research Company, The. (See Smith, H. F., and Cureton, assignors.)
Gasau-Thompson Company. (See McKellar, Judson L., assignor.)
Gasche, Karl W., Pittsburgh, assignor to Westinghouse Union Battery Company, Swissvale, Pa. Manufacturing storage batteries. 1,478,708; Dec. 25.
Gaschke, George, assignor to American Platinum Works, Newark, N. J. Finger ring and setting. 1,453,708; May 1.
Gaschott, Conrad. (See Terhune, Richard A., assignor.)
Gashyesva, Harold. Tuba City, Ariz. Necktie and handkerchief holder. Des. 62,444; June 5.
Gaskill, John E., St. Louis, Mo. Purifying garlicky wheat. 1,460,648; July 3.
Gaskins, Palemon H., Jacksonville, Fla. Lubricating system. 1,478,513; Dec. 25.
Gasolene Corporation. (See Greenstreet, Charles J., assignor.)

Gasoline Recovery Corporation. (See Oberfell, G. G., and Burrell, assignors.)
Gasoline Recovery Corporation. (See Voress, C. L., and Canter, assignors.)
Gaspar, Leandro O., Manor, Calif. Camper's kit. 1,470,439; Oct. 9.
Gasparaitis, Stanley, Chicago, Ill. Lifting device. 1,465,429; Aug. 21.
Gasparaitis, Stanley, assignor of one-half to A. Gaidomawicz, Chicago, Ill. Floral-display case. 1,440,671; Jan. 2.
Gaspari, Joseph, New York, N. Y. Eyeglasses. 1,444,067; Feb. 6.
Gaspari, Joseph, New York, N. Y. Eyeglasses. Des. 63,363; Nov. 27.
Gasparri, Giuseppe, and A. Casini, Rome, Italy. Resilient suspension for vehicle wheels. 1,448,268; Mar. 13.
Gaspie, John J., New Bedford, Mass. Headlight screen. 1,444,243; Feb. 6.
Gasser, Anton A., assignor of one-half to A. H. Wollnik, Youngstown, Ohio. Tool holder. 1,440,672; Jan. 2.
Gasser, Joseph, Trenton, N. J. Combination high hoist and dump wagon. 1,447,719; Mar. 6.
Gasser, Joseph, Trenton, N. J. Combined high-hoist and dump wagon. 1,452,501; Apr. 24.
Gasser, Joseph, Trenton, N. J., assignor to New Jersey Twin Hoist Company. Dump wagon. 1,458,047; June 5.
Gassman, Howard M., Birmingham, Ala. Load-regulating means. 1,450,720; Apr. 3.
Gassmann, Heinrich, Herrenalb, Germany. Production of lasting masses made from viscose. 1,447,465; Mar. 6.
Gast, Carl, Barmen, Germany. Double-barreled machine gun with recoiling barrels. 1,477,115; Dec. 11.
Gaster, Orrin J. (See Kill, V. P., and Gaster.)
Gaston, Alpheus D., Austin, Tex. Automobile light-dimmer switch. 1,462,791; July 24.
Gaston, Audley D., Sarnia, Ontario, Canada. Fluid-distributing manifold. 1,459,150; June 19.
Gaston, Ralph M., Chicago, Ill. Method of and means for testing the quality and condition of solid substances. 1,441,626; Jan. 9.
Gat, John D., North Canton, Ohio. Method of and apparatus for decomposing ores. 1,478,822; Dec. 25.
Gatchell, Frederick D., New York, N. Y., assignor to Texas Company. Easy-pour oil can. 1,454,436; May 8.
Gatchell, George S., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Needle-loop separator for sewing machines. 1,449,508; Mar. 27.
Gatchell, George S., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing-machine guide. 1,473,617; Nov. 13.
Gatchell, Oliver W., Greensboro, N. C. Brick-paver's bridge. 1,473,223; Nov. 6.
Gates, Ernest R. (See Selby-Fayers, W., and Gates.)
Gates, Frederic P., West Hartford, assignor to The Arrow Electric Company, Hartford, Conn. Electric switch. 1,451,570; Apr. 10.
Gates, George B., Boston, Mass. Packing. 1,444,457; Feb. 6.
Gates, Harry D., Milford, Conn. Windshield cleaner. 1,447,541; Mar. 6.
Gates, Isabel L., Washington, D. C. Garment support. 1,447,130; Feb. 27.
Gates, Isabel L., Washington, D. C. Garment support. 1,476,504; Dec. 4.
Gates, Isabel L., Washington, D. C. Garment support. 1,476,505; Dec. 4.
Gates, James, Montreal, Quebec, Canada. Furnace construction. 1,469,000. Sept. 25.
Gates, John C., Indianapolis, Ind. Game apparatus. 1,464,314; Aug. 7.
Gates, Joseph, East Pepperill, Mass. Thimble for use in conjunction with electric conductors. 1,475,627; Nov. 27.
Gates, Louis W., assignor to C. Cowles and Company, New Haven, Conn. Vehicle door handle. 1,441,845; Jan. 9.
Gates, Louis W., assignor to C. Cowles and Company, New Haven, Conn. Locking handle for vehicle doors. 1,464,315; Aug. 7.
Gates, Louis W., assignor to C. Cowles & Company, New Haven, Conn. Lock. 1,477,342; Dec. 11.
Gates, William H., New Haven, Conn. Die head. 1,464,177; Aug. 7.
Gathmann, Emil, Baltimore, Md. Ingot mold. 1,440,535; Jan. 2.
Gathmann, Emil, Baltimore, Md. Ingot mold and ingot. 1,455,197; May 15.
Gatlin, William H. (See Bell, Lorenzo W., assignor.)
Gato, Juan A., Miranda de Ebro, Spain. Alarm taximeter. 1,472,162; Oct. 30.
Gats, John B., assignor to A. M. Searles, Chicago, Ill. Automobile visor. 1,447,655; Mar. 6.
Gattiker-Tanner, Heinrich. (See Levaillant, Louis, assignor.)
Gaubatz, Arthur W., Madison, Wis., assignor, by mesne assignments, to Ellwood Tractor Company, Paris, Ill. Tractor frame. 1,444,967; Feb. 13.
Gaucher, née Cerré, Albertine, executrix. (See Gaucher, Joseph T. A.)
Gaucher, Joseph T. A., deceased, by A. Gaucher, née Cerré, executrix, Montreal, Quebec, Canada. Self-winding clock. 1,449,982; Mar. 27.
Gaudenzi, Arthur, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. System of connections for multiphase choking coils. 1,457,359; June 5.
Gaudie, Herbert J. (See Kirton, C., and Gaudie.)
Gaudin, Oneil B., Laurel, Miss. Hand car. 1,450,846; Apr. 3.
Gaudreau, Aldric. (See Lavigne, H. F., and Gaudreau.)
Gaugh, Clyde J., West Millcreek, Pa. Gauge. 1,442,333; Jan. 16.
Gaughan, John J. (See La Fayette, T. E., Glidden, and Gaughan.)
Gaule, Rose, Peosta, Iowa. Dancing doll. 1,475,064; Nov. 20.
Gault, James H., Philadelphia, Pa. Card-perforating machine. 1,472,829; Nov. 6.
Gault, James H., Philadelphia, Pa. Card-punching machine. 1,473,618; Nov. 13.
Gaumont, Léon, and L. R. Decaux, assignors, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Method of and apparatus for distant regulation of cinematographic objectives. 1,454,850; May 15.
Gaunt, Charles F., Birmingham, England. Holder for badges, buttons, and the like. 1,450,721; Apr. 3.
Gaunt, Charles F., Birmingham, England. Medal-ribbon mount. 1,450,722; Apr. 3.
Gaunt, Charles F., Birmingham, England. Hair-cutting, shaving, or combing device. 1,473,404; Nov. 6.
Gaunt, Joseph S., Manchester, and H. Dyson, Huddersfield, England. Spindle mechanism of spinning and like frames. 1,465,514; Aug. 21.
Gauntt, Guy R., Roanoke, Ala. Dies for forming rail braces. 1,472,867; Nov. 6.
Gauntt, Warren S., Waldron, Mo. Vehicle wheel. 1,478,852; Dec. 25.
Gaus, Wilhelm, W. Meiser, and E. Eberhardt, assignors to Badische Anilin- & Soda-Fabrik, Ludwigshafen-on-the-Rhine, Germany. Manufacture of urea. 1,453,069; Apr. 24.
Gauss, Paul G., Indianapolis, Ind. Roof-projection ladder support. 1,478,823; Dec. 25.
Gavel, Stephen, and E. Frost, Olds, Alberta, Canada. Shock absorber. 1,450,954; Apr. 10.
Gaver, James W. (See Frere, Bartlett E., assignor.)
Gavin, Martin J. (See Bowie, C. P., and Gavin.)
Gavlak, Joseph G., Monongahela, Pa. Spark plug. 1,459,447; June 19.
Gaw-O'Hara Envelope Co. (See Crandall, Jay E., assignor.)
Gaw-O'Hara Envelope Company. (See Olgay, Albert, assignor.)
Gawlik, John. (See Harvozinski, M., and Gawlik.)
Gawne, Howard F., Euclid Village, Ohio. Internal-combustion engine. 1,456,976; May 29.
Gay, Clarence E. (See Cruzen, C. L., and Gay.)
Gay, Edward E., Springdale, Ark. Apple-preparing machine. 1,451,571; Apr. 10.
Gay, Felix L., San Benito, Tex. Water gate. 1,446,698; Feb. 27.
Gay, George L., Philadelphia, Pa., assignor to W. C. McTarnahan and N. Stevenson, Boston, Mass. Pan-greasing machine. 1,472,163; Oct. 30.
Gay, Ira A., Chicago, Ill. Vacuum-bottle carrying cup cap. 1,441,793; Jan. 9.
Gay, Leland H., Palo Cedro, Calif. Signal. 1,447,542; Mar. 6.
Gay, Léon, Grenoble, France. Absorption, reaction, and like column. 1,466,936; Sept. 4.
Gay, Robert H. (See Englund, Knut E., assignor.)
Gay, Rubert M., Hanover, N. J. Air separator. 1,457,110; May 29.
Gaylor, Cline. (See Love, B., and Gaylor.)
Gaynor, John J., assignor to Meier-Gaynor Manufacturing Co., Indianapolis, Ind. Bottle crowner. 1,448,956; Mar. 20.
Gaynor, Joseph, Jersey City, N. J. Machine for shaping and forming fabric cases. 1,477,437; Dec. 11.
Gazda, Adolph A., assignor to Kaestner & Hecht Company, Chicago, Ill. Control system. 1,463,947; Aug. 7.
Gazda, Jozeph A., Chicopee, Mass. Figure wheeled toy. 1,476,199; Dec. 4.
Gazse, Sandor, San Francisco, Calif. Stop and direction indicator. 1,478,606; Dec. 25.
Gazzolo, Samuel. (See Gibson, W., and Gazzolo.)
Gear Grinding Company Limited, The. (See Orcutt, Harry F. L., assignor.)
Geare, R. E. Spencer. (See Brown, Eugene L., jr., assignor.)
Geare, Randolph E. S., Chicago, Ill. Chain grate. 1,454,965; May 15.
Gearhart, Ralph W., Johnstown, Pa. Apparatus for filling cartons. 1,441,414; Jan. 9.
Gearhart, Roy E., O. D. Stewart and L. A. Heckel, Kansas City, Mo. Vacuum-clothes-cleaner casing. Des. 63,076; Oct. 2.
Geartts, Mae H., Marinette, Wis. Percolator-handle protector. 1,471,257; Oct. 16.
Gebauer, Charles L., et al. (See Helm, Emerson B., assignor.)
Gebbie, Alexander E., et al. (See Shortt, Edward G., assignor.)
Gebbie, Ida T., et al. (See Shortt, Edward G., assignor.)

Gebhardt, Henry J., Chicago, Ill. Automatically-controlled soot blower. 1,476,809; Dec. 11.
Gebr. Staubli. (See Bischof, Ulrich, assignor.)
Gebrüder, Hardy. (See Scheuer, Alfred and H., assignors.)
Geddes, Charles A., Philadelphia, Pa., assignor to National Carbonator Manufacturing Company, Incorporated. Carbonator and draft arm for soda water. Re15,575; Apr. 10.
Gedeon, James, and W. Miller, Cleveland, Ohio. Child's vehicle. 1,468,346; Sept. 18.
Gee, Albert, Oak Lane, Pa. Stop device for full-fashioned-stocking-knitting machines. 1,450,071; Mar. 27.
Gee, Frederick S. (See Gee, James E. and F. S.)
Gee, Hays C. (See Girvin, F. B., and Gee.)
Gee, James E. and F. S., London, England. Display device. 1,463,740; July 31.
Gee, Norman E., assignor of one-half to J. W. Parks, Altoona, Pa. Milk receptacle. 1,451,420; Apr. 10.
Geer, Maurice F., Irondequoit, assignor to General Railway Signal Company, Rochester, N. Y. Brake-controlling mechanism for automatic train-control systems. 1,454,231; May 8.
Geer, William C., and J. B. Dickson, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Method and composition for treating fibrous material. 1,470,073; Oct. 9.
Gehlbach, Walter, Independence, Kans. Swab. 1,468,017; Sept. 18.
Gehnrich, Charles L., Elmhurst, N. Y. Portable oven. 1,442,393; Jan. 16.
Gehrandt, Gustav R., Oak Park, assignor to International Earth-Boring Machine Corporation, Chicago, Ill. Power-transmitting mechanism. 1,440,456; Jan. 2.
Gehrandt, Gustav R., Evanston, Ill., assignor, by mesne assignments, to International Earth-Boring Machine Corporation. Tractor. 1,478,824; Dec. 25.
Gehres, Hewitt A., Mount Vernon, Ohio. Compressor unit. 1,475,381; Nov. 27.
Gehrig, William F., Newark, assignor to Essex Specialty Co., Inc., Berkley Heights, N. J. Wireless-telephone receiving apparatus. 1,448,207; Mar. 13.
Gehrig, William F., Newark, assignor to Essex Specialty Co., Inc., Berkley Heights, N. J. Detector for wireless telephone outfits. 1,449,148; Mar. 20.
Gehrig, William F., Newark, N. J., assignor to Essex Specialty Co., Inc., Berkeley Heights, N. J. Slider for tuning coils. 1,460,239; June 26.
Gehrig, William F., Newark, assignor to Essex Specialty Co., Inc., Berkeley Heights, N. J. Machine element. 1,464,815; Aug. 14.
Gehrke, Frederick W., assignor to The Horn & Brannen Manufacturing Co., Philadelphia, Pa. Globe for lighting fixtures. Des. 63,172; Oct. 30.
Geib, Bernhard D., Cleveland, Ohio. Fountain brush. 1,456,977; May 29.
Geib, William, assignor to International Silver Company, Meriden, Conn. Metal basket or similar article. Des. 62,670; July 17.
Geibel, John F., Buffalo, N. Y. Mounting for centrifugal clothes wringers. 1,474,323; Nov. 13.
Geibel, John F., assignor to Kaustine Company, Inc., Buffalo, N. Y. Toilet. 1,461,612; July 10.
Geier, James, Troy, N. Y. Stop signal device. 1,465,260; Aug. 21.
Geier, P. A., Company, The. (See Geier, Philip A., assignor.)
Geier, P. A., Company, The. (See Robertson, Frank E., assignor.)
Geier, Philip A., assignor to The P. A. Geier Company, Cleveland, Ohio. Handle-securing mechanism. 1,472,797; Nov. 6.
Geiger, Albert W., Stratford, Conn. Pin tubes. 1,445,308; Feb. 13.
Geiger, Charles F., Perth Amboy, N. J., assignor to The Carborundum Company Niagara Falls, N. Y. Muffle furnace. 1,464,248; Aug. 7.
Geiger, Charles M., Denver, Colo. Combined radiator, steam cooker, and warming oven. 1,450,847; Apr. 3.
Geiger, David F., assignor of one-third to A. D. Cole, Minneapolis, Minn. Tractor. 1,456,730; May 29.
Geiger, Eugen, Karlsruhe, Germany, assignor to W. L. D'Olier, New York, N. Y. Cleaning brush. 1,452,458; Apr. 17.
Geiger, William A., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,441,274; Jan. 9.
Geiger, William A., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Side bearing. 1,442,874; Jan. 23.
Geiger, William A., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Hand brake for railway cars. 1,446,249; Feb. 20.
Geiger, William A., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Detachable lining for draft-gear friction shells. 1,472,971; Nov. 6.
Geilfuss, Albert H., Parkersburg, W. Va. Necktie holder 1,467,634; Sept. 11.
Geils, John C., Bensenville, Ill. Towline hitch. 1,454,437; May 8.
Geils, Louis F., Chicago, Ill. Headlight deflector. 1,467,372; Sept. 11.
Geimer, Albert A., St. Louis, Mo. Belt box. 1,463,948; Aug. 7.
Geisendorfer, George, and W. C. Lester, Warrenton, Oreg. Light screening and deflecting hood for headlights. 1,444,739; Feb. 6.
Geissenhainer, Frederick W. (See Cumner, M. S., and Geissenhainer.)
Geissinger, Harry G. (See Russell, E. A., and Geissinger.)
Geissinger, Harry G., New York, N. Y., assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Heating system. 1,440,673; Jan. 2.
Geist, Harry F., Aurora, Ill. Magneto. 1,446,040; Feb. 20.
Geist, Harry F., Sumter, S. C. Magneto. 1,456,001; May 22.
Geist, Harry F., Aurora, Ill. Undergarment. 1,478,006; Dec. 18.
Geist Manufacturing Company. (See Wiederwax, Robert W., assignor.)
Geistert, Albert G., New York, N. Y., assignor to General Motors Corporation, Detroit, Mich. Clutch and brake lever supporting bracket. 1,469,258; Oct. 2.
Geistwhite, John. (See Bohmker, J. C., and Geistwhite.)
Geiver, Hugh E., Wessington, S. Dak. Split demountable rim. 1,455,481; May 15.
Gelarie, Saul, Brooklyn, N. Y. Reenforced bloomers. 1,460,666; July 3.
Gelatt, Philo M., La Crosse, Wis. Pressure gauge. 1,462,570; July 24.
Gelfman, Nathan. (See Schnitzner, L. M., Garroway, and Gelfman.)
Geller, Henry W., et al. (See Hachmann, Frederick, assignor.)
Gellman, Israel C., Chicago, Ill. Adjustable socket wrench. 1,451,873; Apr. 17.
Gellman, Israel C., Chicago, Ill. Wrench. 1,451,906; Apr. 17.
Gelstharp, Frederick, Tarentum, Pa., assignor to Pittsburgh Plate Glass Company. Process and apparatus for producing spectacle blanks. 1,471,725; Oct. 23.
Gem City Stove Manufacturing Company. (See Specht, Adolph, assignor.)
Gem Hammock and Fly Net Company, The. (See Kootz, William and A. C., assignors.)
Gem Shirt Company, The. (See Naylor, Robert C., assignor.)
Gem Shirt Company, The. (See Pohlkotte, John H., assignor.)
Gemayel, Joseph. (See Linké, Charles, assignor.)
Gemeinhardt, Walter, New York, N. Y. Mouthpiece-connecting device and tuning slide for wind musical instruments. 1,443,122; Jan. 23.
Gemmel, William J., Ashley, Pa. Radiator board. 1,440,979; Jan. 2.
Gemmill, Worthy D., Willoughby, Ohio. Frame and making it. 1,467,787; Sept. 11.
Genard, Joseph P., Edgewood, Md. Sight for firearms. 1,466,297; Aug. 28.
Gendreau, Charles J., and J. L. Sarvey, assignors to General Railway Signal Company, Rochester, N. Y. Cross-drilling attachment for automatic screw machines. 1,449,172; Mar. 20.
Gendron Wheel Company, The. (See Nauts, Frank A., assignor.)
Gendron Wheel Co., The. (See Vogel, Joshua F., assignor.)
Gendron Wheel Company, The. (See Vogel, J. F., and Nauts, assignors.)
General Abrasive Company. (See Richmond, H. A., and Macdonald, assignors.)
General American Tank Car Corporation. (See Nelson, Axel M., assignor.)
General American Tank Car Corporation. (See Parks, Ostrander J., assignor.)
General American Tank Car Corporation. (See Weaver, Robert R., assignor.)
General Automatic Scale Company. (See Schaper, Harry C., assignor.)
General Can Company. (See Dennison, Lawrence, assignor.)
General Carbonic Company. (See Sturcke, Herman E., assignor.)
General Chain Company. (See Thoma, A. J., and Eklund, assignors.)
General Chemical Company. (See Baird, Dudley, assignor.)
General Electric Company. (See Abbott, Charles C., assignor.)
General Electric Company. (See Abbott, C. C., and Treanor, assignors.
General Electric Company. (See Adams, Nathan H., assignor.)
General Electric Company. (See Alexander, Peter P., assignor.)
General Electric Company. (See Alexanderson, Ernst F. W., assignor.)
General Electric Company. (See Anderson, Earl A., assignor.)
General Electric Company. (See Arnold, Lyman, assignor.)
General Electric Company. (See Austin, Edward, assignor.)
General Electric Company. (See Bailey, Halsted, assignor.)

Alphabetical list of patentees—Continued.

General Electric Company. (See Baker, Walter R. G., assignor.)
General Electric Company. (See Batchelder, Asa A., assignor.)
General Electric Company. (See Becker, Howard I., assignor.)
General Electric Company. (See Beckert, Albert R., assignor.)
General Electric Company. (See Beckert, Frank R., assignor.)
General Electric Company. (See Bennett, Frank S., assignor.)
General Electric Company. (See Berry, Clarence J., assignor.)
General Electric Company. (See Bohner, Clyde C., assignor.)
General Electric Company. (See Bower, George W., assignor.)
General Electric Company. (See Bowman, Francis H., assignor.)
General Electric Company. (See Blume, Louis F., assignor.)
General Electric Company. (See Bradbury, Burke, assignor.)
General Electric Company. (See Brand, Frederick F., assignor.)
General Electric Company. (See Brooks, Wallace L., assignor.)
General Electric Company. (See Brown, William W., assignor.)
General Electric Company. (See Burnham, Joseph L., assignor.)
General Electric Company. (See Burnham, Locke H., assignor.)
General Electric Company. (See Byles, Frank A., assignor.)
General Electric Company. (See Carichoff, E. R., and Jones, assignors.)
General Electric Company. (See Carver, James H., assignor.)
General Electric Company. (See Champlin, Franklin J., assignor.)
General Electric Company. (See Clough, Frederic H., assignor.)
General Electric Company. (See Clough, Fredric H., assignor.)
General Electric Company. (See Collingham, Robert H., assignor.)
General Electric Company. (See Connely, Charles B., assignor.)
General Electric Company. (See Davey, Wheeler P., assignor.)
General Electric Company. (See Degen, Frederick I., assignor.)
General Electric Company. (See Doane, Leroy C., assignor.)
General Electric Company. (See Dryer, William P., assignor.)
General Electric Company. (See Dunham, Harry E., assignor.)
General Electric Company. (See Eaton, John, assignor.)
General Electric Company. (See Edmundson, H. W., and Munro, assignors.)
General Electric Company. (See Elder, Matthew L., assignor.)
General Electric Company. (See Emmet, William L. R., assignor.)
General Electric Company. (See Erben, Hermann F. T., assignor.)
General Electric Company. (See Fischer, Kurt, assignor.)
General Electric Company. (See Fitz Gerald, Alan S., assignor.)
General Electric Company. (See Fogler, Ben B., assignor.)
General Electric Company. (See Forsberg, Peter W., assignor.)
General Electric Company. (See Fortin, Paul R., assignor.)
General Electric Company. (See Frank, W. D., and Case, assignors.)
General Electric Company. (See French, Henry G., assignor.)
General Electric Company. (See Fritsch, Karl, assignor.)
General Electric Company. (See Germain, Henry A., assignor.)
General Electric Company. (See Gillette, R. T., and Butterfield, assignors.)
General Electric Company. (See Gooch, Ernest C., assignor.)
General Electric Company. (See Gosling, Joseph W., assignor.)
General Electric Company. (See Greisser, Victor H., assignor.)
General Electric Company. (See Guay, Emile J., assignor.)
General Electric Company. (See Hall, Chester I., assignor.)
General Electric Company. (See Halliwell, Reginald F., assignor.)
General Electric Company. (See Hamilton, W. S. H., and Krape, assignors.)
General Electric Company. (See Hamilton, Walter L., assignor.)
General Electric Company. (See Halvorson, Cromwell A. B., jr., assignor.)
General Electric Company. (See Hamilton, William S. H., assignor.)
General Electric Company. (See Heisler, Charles L., assignor.)
General Electric Company. (See Hepperlen, John A., assignor.)
General Electric Company. (See Herklotz, Max, assignor.)
General Electric Company. (See Hildebrand, L. E., and Thomson, assignors.)
General Electric Company. (See Hobart, Henry M., assignor.)
General Electric Company. (See Hoxie, Charles A., assignor.)
General Electric Company. (See Huber, Herman J. H., assignor.)
General Electric Company. (See Hunt, Louis J., assignor.)
General Electric Company. (See Ipsen, Carl L., assignor.)
General Electric Company. (See Jacobs, Harry M., assignor.)
General Electric Company. (See Johannesen, Svend E., assignor.)
General Electric Company. (See Jones, Benjamin W., assignor.)
General Electric Company. (See Jones, B. W., and Gooch, assignors.)
General Electric Company. (See Junggren, Oscar, assignor.)
General Electric Company. (See Kline, Charles H., assignor.)
General Electric Company. (See Knopp, Otto A., assignor.)
General Electric Company. (See Koch, Paul A., assignor.)
General Electric Company. (See Krueger, Carl R., assignor.)
General Electric Company. (See Langmuir, Irving, assignor.)
General Electric Company. (See Leddick, George, assignor.)
General Electric Company. (See Lemp, Hermann, assignor.)
General Electric Company. (See Luckiesh, Matt, assignor.)
General Electric Company. (See Lyons, Joseph, assignor.)
General Electric Company. (See Mackay, George M. J., assignor.)
General Electric Company. (See Macloskie, G., and Stearns, assignors.)
General Electric Company. (See Macmillan, Campbell, assignor.)
General Electric Company. (See Marshall, James E., assignor.)
General Electric Company. (See McKay, John A., assignor.)
General Electric Company. (See Merrill, Wilbur L., assignor.)
General Electric Company. (See Merrill, W. L., and Winne, assignors.)
General Electric Company. (See Mitchell, L. E., and White, assignors.)
General Electric Company. (See Mittag, Albert H., assignor.)
General Electric Company. (See Morcom, Reginald K., assignor.)
General Electric Company. (See Moss, Sanford A., assignor.)
General Electric Company. (See Norris, Marvin L., assignor.)
General Electric Company. (See Otis, Albert N., assignor.)
General Electric Company. (See Pacz, Aladar, assignor.)
General Electric Company. (See Pape, Wilhelm, assignor.)
General Electric Company. (See Patch, James W., assignor.)
General Electric Company. (See Peek, Frank W., jr., assignor.)
General Electric Company. (See Perham, Charles F., assignor.)
General Electric Company. (See Pero, Bertram S., assignor.)
General Electric Company. (See Phelps, Roscoe G., assignor.)
General Electric Company. (See Porter, Willard E., assignor.)
General Electric Company. (See Pratt, John B., assignor.)
General Electric Company. (See Pressey, Wilbur A., assignor.)
General Electric Company. (See Prince, David C., assignor.)
General Electric Company. (See Rankin, William K., assignor.)
General Electric Company. (See Rice, Chester W., assignor.)
General Electric Company. (See Rice, Edwin W., jr., assignor.)
General Electric Company. (See Richardson, Ernest L., assignor.)

Alphabetical list of patentees—Continued.

General Electric Company. (See Rogers, Harold W., assignor.)
General Electric Company. (See Roosevelt, Gracie H., assignor.)
General Electric Company. (See Rue, John R., jr., assignor.)
General Electric Company. (See St. Clair, Byron W., assignor.)
General Electric Company. (See Salz, Frederick W., assignor.)
General Electric Company. (See Scharschu, Charles A., assignor.)
General Electric Company. (See Schmidt, Henry H., assignor.)
General Electric Company. (See Schuchardt, Rudolph F., assignor.)
General Electric Company. (See Schwennker, Charles F., assignor.)
General Electric Company. (See Sclater, Ivanhoe H., assignor.)
General Electric Company. (See Seede, John A., assignor.)
General Electric Company. (See Seiz, Walter, assignor.)
General Electric Company. (See Stack, George E., assignor.)
General Electric Company. (See Standerwick, Reginald G., assignor.)
General Electric Company. (See Stearns, R., and Macloskie, assignors.)
General Electric Company. (See Steenstrup, Christian, assignor.)
General Electric Company. (See Steinmetz, C. P., and Standerwick, assignors.)
General Electric Company. (See Stephens, Howard O., assignor.)
General Electric Company. (See Thompson, Louis W., assignor.)
General Electric Company. (See Thomson, Elihu, assignor.)
General Electric Company. (See Traver, Oliver C., assignor.)
General Electric Company. (See Treanor, Edward D., assignor.)
General Electric Company. (See Treischel, Chester C., assignor.)
General Electric Company. (See Twiss, Paul E., assignor.)
General Electric Company. (See Twogood, Ernest N., assignor.)
General Electric Company. (See Valentine, Irving R., assignor.)
General Electric Company. (See Ver Planck, William E., assignor.)
General Electric Company. (See Wagner, Edward A., assignor.)
General Electric Company. (See Wagner, Robert E., assignor.)
General Electric Company. (See Walle, Ludwig S., assignor.)
General Electric Company. (See Warren, G. B., and Wirt, assignors.)
General Electric Company. (See Warren, Henry E., assignor.)
General Electric Company. (See Weber, L. J., and Gooch, assignors.)
General Electric Company. (See Wedmore, Edmund B., assignor.)
General Electric Company. (See Weed, James M., assignor.)
General Electric Company. (See Weldon, John J., assignor.)
General Electric Company. (See Westphal, Hans, assignor.)
General Electric Company. (See Weston, Frederick H., assignor.)
General Electric Company. (See Whitaker, Frank P., assignor.)
General Electric Company. (See White, William C., assignor.)
General Electric Company. (See Wilkinson, James, assignor.)
General Electric Company. (See Wilson, Edward, assignor.)
General Electric Company. (See Wirt, Harrison L., assignor.)
General Electric Company. (See Wood, James J., assignor.)
General Electric Company. (See Wooldridge, William J., assignor.)
General Engineering Company, The. (See Chaffin, Charles E., assignor.)
General Engineering Company, The, et al. (See Genter, A. L., and Jones, assignors.)
General Explosives Company. (See Sturgis, William B., assignor.)
General Fastener Company. (See Johnson, E. S., and Earlson, assignors.)
General Fire Extinguisher Company. (See Bell, Chester A., assignor.)
General Fire Extinguisher Company. (See Derby, John H., assignor.)
General Fire Extinguisher Company. (See Haussler, C. F., and Park, assignors.)
General Fire Extinguisher Company. (See Loepsinger, Albert J., assignor.)
General Fireproofing Company, The. (See Coryell, William C., assignor.)
General Fireproofing Company, The. (See McPike, H. C., and Schmitz, assignors.)
General Fireproofing Company. (See Schmitz, Fred A., assignor.)
General Gas Light Company. (See Humphrey, Hubert R., assignor.)
General Industrial X-Ray Co. (See Guilliaume, William, assignor.)
General Lighting Fixture Co. (See Wangersheim, Edgar A., assignor.)
General Machine Works, The. (See Swartz, William H., assignor.)
General Motors Corporation. (See Blackmore, Lloyd, assignor.)
General Motors Corporation. (See Bower, Ferdinand A., assignor.)
General Motors Corporation. (See Bower, F. A., and Cataline, assignors.)
General Motors Corporation. (See Bull, Arthur A., assignor.)
General Motors Corporation. (See Bull, A. A., and Darnell, assignors.)
General Motors Corporation. (See Cody, M. T., Gray, and Forbes, assignors.)
General Motors Corporation. (See Durant, William G., assignor.)
General Motors Corporation. (See Fishburn, Otto E., assignor.)
General Motors Corporation. (See Forbes, Kingston, assignor.)
General Motors Corporation. (See Geistert, Albert G., assignor.)
General Motors Corporation. (See Johnson, Frank, assignor.)
General Motors Corporation. (See Krotz, Alvaro S., assignor.)
General Motors Corporation. (See Lambert, Brazil E., assignor.)
General Motors Corporation. (See Mason, Arthur C., assignor.)
General Motors Corporation. (See Minch, Walter B., assignor.)
General Motors Corporation. (See Pence, Lafe V., assignor.)
General Motors Corporation. (See Perlman, Louis H., assignor.)
General Motors Corporation. (See Robertson, John P., assignor.)
General Motors Company. (See Short, Charles R., assignor.)
General Motors Corporation. (See Springer, William N., assignor.)
General Motors Corporation. (See Sturt, Alfred T., assignor.)
General Motors Corporation. (See Taub, Alex, assignor.)
General Motors Corporation. (See White, John W., assignor.)
General Motors Corporation. (See White, John W., jr., assignor.)
General Motors Corporation. (See Whitten, Frank A., assignor.)
General Motors Research Corporation. (See Aseltine, Fred E., assignor.)
General Motors Research Corporation. (See Geyer, Harvey D., assignor.)
General Motors Research Corporation. (See Kettering, Charles F., assignor.)
General Motors Research Corporation. (See Lee, Charles L., assignor.)
General Motors Research Corporation. (See Midgley, Thomas, jr., assignor.)
General Motors Research Corporation. (See Short, Charles R., assignor.)
General Optical Company. (See Clement, George A. and H., assignors.)
General Paper Goods Manufacturing Co. (See Radzinsky, Harry, assignor.)
General Petroleum Corporation. (See Prutzman, P. W., and von Bibra, assignors.)
General Phonograph Corporation. (See Vasselli, Anthony, assignor.)
General Pressed Metal Company. (See Banes, Walter D., assignor.)
General Railway Signal Company. (See Bushnell, Charles S., assignor.)
General Railway Signal Company. (See Dodge, L. E., and Preston, assignors.)
General Railway Signal Company. (See Geer, Maurice F., assignor.)
General Railway Signal Company. (See Gendreau, C. J., and Sarvey, assignors.)
General Railway Signal Company. (See Howe, Winthrop K., assignor.)
General Railway Signal Company. (See Larry, Edwin C., assignor.)
General Railway Signal Company. (See Leake, Richard C., assignor.)
General Railway Signal Company. (See Lindner, John C., assignor.)

General Railway Signal Company. (See Richmond, Carl A., assignor.)
General Railway Signal Company. (See Wight, Sedgwick N., assignor.)
General Rubber Company. (See Bradley, C. E., and Coffin, assignors.)
General Specialty Company. (See Krause, Albert F., assignor.)
General Seamless Tube Company. (See Brinkman, Louis H., assignor.)
General Shoe Machinery Company. (See Ballard, Harrie A., assignor.)
General Tire and Rubber Company. (See Denmire, Harold A., assignor.)
General Tire and Rubber Company, The. (See Iredell, Robert, assignor.)
General Tire & Rubber Company, The. (See O'Neil, William, assignor.)
Genett, Louis J., assignor of one-half to J. M. Longyear, jr., Marquette, Mich. Demountable-rim stand. 1,463,465; July 31.
Genett, Louis J., assignor of one-half to J. M. Longyear, jr., Marquette, Mich. Piston-ring remover. 1,468,291; Sept. 18.
Geneva Cutlery Corporation. (See Althoff, Walter, assignor.)
Geneva Heater Company. (See Olson, Charles A., assignor.)
Geneva Metal Wheel Company, The. (See Ford, Albert M., assignor.)
Genge, Frederick C. (See Shields, Harry A., assignor.)
Gengras, Alfred J. (See Yorgensen, Paul L. L., assignor.)
Gennevois, Emile, assignor to La Societe Anonyme des Elevateurs de Liquides "Chaine-Helice" Bessonuet-Favre, Chatellerault, France. Chain for elevating liquids. 1,475,382; Nov. 27.
Gensecke, Wilhelm, Homburg, Germany. Oxygen apparatus. 1,448,590; Mar. 13.
Gensler, Arthur F. (See Weske, G. J., Gensler, and Prange.)
Gent, Edgar W., Morristown, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Ratchet mechanism. 1,445,271; Feb. 13.
Gent, Edgar W., Morristown, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Centrifugal governor. 1,459,394; June 19.
Genter, Albert L., et al. (See Genter, A. L., and Jones, assignors.)
Genter, Albert L., and G. C. Jones, assignors of one-half to The General Engineering Company and one-half to A. L. Genter, Salt Lake City, Utah. Continuous thickening process. 1,452,151; Apr. 17.
Genthner, Thomas E., and A. L. Stevens, Boston, Mass. Muffler. 1,453,932; May 1.
Gentile, Lawrence. (See Winchenbaugh, L., and Gentile.)
Gentile, Lawrence, Melrose, assignor to Lester P. Winchenbaugh Company, Boston, Mass. Paper-treating machine. 1,454,376; May 8.
Gentine, Howard I., assignor to American Atomized Fuel Company, Shelbyville, Ill. Furnace. 1,469,313; Oct. 2.
Gentle, William M., Los Angeles, Calif. Carburetor. 1,473,182; Nov. 6.
Gentry, Cleveland, Azusa, Calif. Tread for tractors. 1,469,001; Sept. 25.
Gentry, George W., Yeager, Okla., assignor of one-fourth to H. H. Diamond and one-fourth to J. R. Dutton, Holdenville, Okla. Windmill. 1,465,602; Aug. 21.
Gentry, Vergil, Anderson, Ind. Bearing device. 1,446,173; Feb. 20.
Gentzel, Perry H., Newton, Mass. Cylinder-oiler control for engines. 1,447,944; Mar. 6.
Gentzel, Perry H., Newton, Mass. Automatic cut-off for fuel of oil-burning boilers. 1,448,530; Mar. 13.
Gentzel, Perry H., Newton, Mass. Oil separator. 1,455,136; May 15.
Gentzel, Perry H., Newton, Mass. Oil atomizer. 1,459,448; June 19.
Genung, Charles E., Chicago, Ill., assignor to Morris & Company. Upholstery material. 1,453,049; May 8.
Geoghegan, Howard G. (See Griffith, F. P., Lindsay, and Geoghegan.)
Geometric Tool Co., The. (See Breitenstein, Albert F., assignor.)
George, Ayoob, Fond du Lac, Wis. Apparatus for building walls. 1,460,197; June 26.
George, Charles E. (See Brockney, J. L., and George.)
George, Charles H., Framington, Mass. Ventilating attachment for windows. 1,470,606; Oct. 16.
George, Charles L., assignor to The Buckeye Tractor Ditcher Company, Findlay, Ohio. Tread belt for apron wheels. 1,446,292; Feb. 20.
George, Charles L., assignor to The Buckeye Traction Ditcher Company, Findlay, Ohio. Sloping-bank-cutting attachment. 1,462,488; July 24.
George Cutter Company. (See Larkins, Ernest M., assignor.)
George, Edwin S., Pontiac, Mich. Tractor. 1,443,951; Feb. 6.
George, Enoch, jr., assignor to The McConway & Torley Company, Pittsburgh, Pa. Coupling-centering device. 1,448,269; Mar. 18.
George, Frederick H., Minneapolis, Minn. Belt. 1,440,980; Jan. 2.
George, Frederick H., Minneapolis, Minn. Belt. 1,447,243; Mar. 6.
George, Harry C. (See Hayden, J. B., Morris, and George.)
George, Harry J., Long Beach, Calif. Dog carrier for automobiles. 1,444,679; Feb. 6.
George, Henry C., Philadelphia, Pa. Window. 1,470,223; Oct. 9.
George, James H., New York, N. Y. Barrel fastening. 1,465,430; Aug. 21.
George, Jerome R., assignor to Morgan Construction Company, Worcester, Mass. Manufacture of wire rods. 1,476,333; Dec. 4.
George, Jerome R., and W. E. Carroll, assignors to Morgan Construction Company, Worcester, Mass. Die box for wire-drawing machinery. 1,465,730; Aug. 21.
George, Ollie C., Crystal Lake, Ill. Knockdown flower box and fernery. 1,475,573; Nov. 27.
George, W. D., et al., receivers. (See Jones, Pearl N., assignor.)
Geoplanus Company, The. (See Hartman, Frederick D., assignor.)
Georgi, Paul and R., Leipzig-Gohlis, Germany. Signal sound instrument. 1,463,361; July 31.
Georgi, Robert. (See Georgi, Paul and R.)
Georgia Vita Ligno Co. (See Coester, George, assignor.)
Gepp, Herbert W., Melbourne, Victoria, Australia. Roasting of zinc sulphide ores preparatory to leaching. 1,443,708; Jan. 30.
Gepp, Herbert W., Melbourne, Victoria, assignor to Electrolytic Zinc Company of Australasia Proprietary Limited, Melbourne, Australia. Roasting of zinc sulphide ores preparatory to leaching. 1,443,707; Jan. 30.
Geppert, Frank J., East St. Louis, Ill. Direction signal. 1,475,063; Nov. 20.
Geraerdts, Gerard H., New York, N. Y. Mold. 1,444,740; Feb. 6.
Geraghty, John P., Jersey City, N. J. Automobile lock. 1,455,583; May 15.
Geranio, Nicholás, Rosario de Santa Fe, Argentina. Protective cover for pneumatic tires and the like. 1,442,394; Jan. 16.
Gerber, David, Baltimore, Md. Ice-cream cone. Des. 63,464; Dec. 11.
Gerber, Dwight, assignor to National Valve & Manufacturing Company, Pittsburgh, Pa. Pipe support and anchor. 1,470,529; Oct. 9.
Gerber, Evelyn, Chicago, Ill. Garment fastener or holding device. 1,463,949; Aug. 7.
Gerber, John G., Rochester, N. Y., assignor to Union Special Machine Company, Chicago, Ill. Tape guide for sewing machines. 1,466,937; Sept. 4.
Gerber, Martin, Iowa City, Iowa. Radiator-repair machine. 1,460,480; July 3.
Gerber, Wilmer J., Deadwood, S. Dak. Oil-tube cleaner. 1,464,069; Aug. 7.
Gerbig, Bert G., Seattle, Wash. Circuit breaker. 1,451,157; Apr. 10.
Gercke, Maximilian, Pasing, near Munich, Germany. Distillation of bituminous material. 1,474,357; Nov. 20.
Gerdil, Henri P., Paris, France. Rotary cutting tool. 1,446,342; Feb. 20.
Gerdil, Henri P., Paris, France. Drill. 1,454,851; May 15.
Gerfin, George P. (See Haynes, P. E., and Gerfin.)
Gerhardt, Frederick, San Francisco, Calif. Die for lining bearings. 1,474,775; Nov. 20.
Gerhardt, Leonard, assignor to Tin Decorating Company of Baltimore, Baltimore, Md. Sheet-metal box. 1,446,458; Feb. 27.
Gerhardt, Louis J., West New York, N. J. Eyeshade. 1,473,619; Nov. 13.
Gerhardt, Oscar, Berlin-Lichterfelde, Germany. Method of and system for determining from an aircraft the elevation above the ground. 1,468,018; Sept. 18.
Gerhardt, Reginald B., Sparrows Point, Md. Automatic work feeder. 1,457,830; June 5.
Geringer, George T., Arroyo, P. I. Air lift for agitators for ore and other materials. 1,442,264; Jan. 16.
Geringer, Isidor. (See Geringer, Moris and I.)
Geringer, Moris and I., New York, N. Y. Fixture arm. Des. 63,555; Dec. 18.
Gerl, Frank F., Milwaukee, Wis. Guitar. Des. 62,165; Apr. 3.
Gerlach, Fred, et al., trustees. (See Graham, W. S., and Hipple, assignors.)
Gerlach, Fred, et al., trustees. (See Lindgren, Alexus C., assignor.)
Gerlach, Oscar, La Salle, Ill. Heat-insulating material and manufacture. 1,468,149; Sept. 18.
Gerlach, Paul, Saskatoon, Saskatchewan, Canada. Bundle-carrying attachment for grain harvesters. 1,454,471; May 8.
Gerlat, Paul E., Sheboygan, Wis. Shipping device for articles of cylindrical shape. 1,477,818; Dec. 18.
Gerleman, Oscar W., St. Louis, Mo. Treating pistons, piston rings, and cylinders, and specially-prepared piston rings. 1,462,855; July 24.
Gerleman, Oscar W., St. Louis, Mo. Treating pistons, piston rings, and cylinders. 1,466,432; Aug. 28.

Gerleman, Oscar W., St. Louis, Mo. Means of lubrication. 1,474,819; Nov. 20.
Gerling, Arthur A., New York, N. Y. Voicing apparatus. 1,447,162; Feb. 27.
Gerlinger, Carl F., Dallas, Oreg. Lumber carrier. 1,457,025; May 29.
Germain, Edward B., assignor to Dunlop Tire and Rubber Corporation of America, Buffalo, N. Y. Tire tread. Des. 63,556; Dec. 18.
Germain, Henry A., Pittsfield, Mass., assignor to General Electric Company. Handle for ratio adjusters. 1,441,794; Jan. 9.
Germain, Pierre. (See Kreutzberger, P. L. G., and Germain.)
Germain Seed and Plant Company. (See Meyberg, Manfred, assignor.)
Germer, Edward, Erie, Pa. Stove. 1,449,665; Mar. 27.
Germer, Edward, jr. (See Germer, Edward G. and E., jr.)
Germer, Edward, jr., Erie, Pa. Burner. 1,443,409; Jan. 30.
Germer, Edward G., Erie, Pa. Stove. 1,447,945; Mar. 6.
Germer, Edward G., and E., jr., Erie, Pa. Gas burner. 1,466,014; Aug. 28.
Germot, Antonin, Asnieres, France. Direct recovery of metallic antimony. 1,475,294; Nov. 27.
Gernandt, Waldo G., South Bend, Ind. Internal-combustion engine. 1,466,646; Aug. 28.
Gernsback, Hugo, assignor to Radio Industries Corporation, New York, N. Y. Tuned telephone receiver. 1,478,709; Dec. 25.
Gero, Victor, Philadelphia, Pa. Spool head. 1,461,480; July 10.
Gerould, Martin E., Rochester, N. Y. Cord holder and cutter. 1,443,358; Jan. 30.
Gerrard, Alec J. (See Wood, George, assignor.)
Gerrard, Alec J., Chicago, Ill. Wire stretching and tying machine. 1,460,649; July 3.
Gerrard, Alec J., and P. Wright, Chicago, Ill. Shipping package. 1,445,762; Feb. 20.
Gerrard, Alec J., and P. Wright, Chicago, Ill. Bale tie with deformed ends. 1,448,998; Mar. 20.
Gerrard, Alec J., and P. Wright, Chicago, Ill. Wire deforming and severing machine. 1,453,456; May 1.
Gerrard, Alec J., and P. Wright, Chicago, Ill. Wire tensioning and twisting machine. 1,456,127; May 22.
Gerrard, Alec J., and P. Wright, Chicago, Ill. Machine for making bale ties. 1,459,623; June 19.
Gerrard, Alec J., and P. Wright, Chicago, Ill. Machine for cutting and swaging bale ties. 1,466,334; Aug. 28.
Gerrard, Alec J., and P. Wright, Chicago, Ill. Tie wire with deformed ends. 1,472,299; Oct. 30.
Gerrard, Alec J., and P. Wright, Chicago, Ill. Wire-bundling machine. 1,478,514; Dec. 25.
Gerrity, Joe A. (See Crotto, Frank E., assignor.)
Gersbach, Karl. (See Beck, A., Gersbach, and Weber.)
Gershon, Victor P. (See Lloyd, E. A., and Gershon.)
Gershovitz, Barnett, Canton, Ohio. Dump wagon. 1,469,637; Oct. 2.
Gerstein, Frank. (See Gerstein, Harry and F.)
Gerstein, Harry, Arverne, and F. Gerstein, New York, N. Y. Shoulder strap. 1,457,904; June 5.
Gerstenberger, Henry J., assignor to The Babies Dispensary & Hospital of Cleveland, Cleveland, Ohio. Composition of ingredients for artificial food. 1,445,434; Feb. 13.
Gerstenberger, Henry L. G., Roselle, N. J., assignor, by mesne assignments, to Standard Development Company. Rung. 1,464,523; Aug. 14.
Gerster, John M. (See Carlson, R. E., and Gerster.)
Gerstle, John, assignor to The Electro Chemical Company, Dayton, Ohio. Electrode for electrolytic cells. 1,448,208; Mar. 13.
Gerstle, Jules, New York, N. Y. Humidor. 1,474,254; Nov. 13.
Gerstmayr, Anton, Chicago, Ill. Vehicle wheel. 1,465,261; Aug. 21.
Gerth, Ruth L., Minneapolis, Minn., assignor to Alfred Vester Sons, Inc., Providence, R. I. Candle plate for lighting fixtures. Des. 61,802; Jan. 16.
Gerth, Ruth L., Minneapolis, Minn., assignor to Alfred Vester Sons, Inc., Providence, R. I. Canopy for lighting fixtures. Des. 61,803; Jan. 16.
Gerth, Ruth L., Minneapolis, Minn., assignor to Alfred Vester Sons, Inc., Providence, R. I. Spindle for lighting fixtures. Des. 61,804; Jan. 16.
Gerth, Ruth L., Minneapolis, Minn., assignor to Alfred Vester Sons, Inc., Providence, R. I. Spindle for lighting fixtures. Des. 62,568; June 26.
Gerth, Ruth L., Minneapolis, Minn., assignor to Alfred Vester Sons, Inc., Providence, R. I. Spindle for lighting fixtures. Des. 62,569; June 26.
Gerzén, Viktor E., Svanobruk, Sweden. Screw. 1,473,033; Nov. 6.
Gessel, George, Logan, Utah. Carrier frame for tires, tool boxes, and license-number plates. 1,441,795; Jan. 9.
Gesell, William H., Montclair, N. J. Edible product and making the same. 1,475,574; Nov. 27.
Gesellschaft für Drahtlose Telegraphie m. b. H. Hallesches. (See Mayer, E., and Leib, assignors.)
Gesellschaft für Drahtlose Telegraphie m. b. H. Hallesches. (See Meissner, Alexander, assignor.)
Gesellschaft für Maschinelle Druckentwasserung mit beschränkter Haftung. (See Horst, Heinz, assignor.)
Gesellschaft für Schiffsausrustung und Davitbau. (See Sieurin, Paul W., assignor.)
Gesmundo, Giovanni, New York, N. Y. Alarm lock. 1,456,689; May 29.
Gessler, Frederick A., Martins Ferry, Ohio, assignor to Electric Milker Corporation, Chicago, Ill. Milking machine. 1,472,467; Oct. 30.
Gessler, Frederick A., La Grange, Ill., and R. B. Mitchell, Hillsdale, Mich., assignors to Electric Milker Corporation, Chicago, Ill. Relief valve. 1,474,192; Nov. 13.
Gessman, Theodore J., Eolia, Mo. Sawing machine. 1,447,543; Mar. 6.
Gestas, Isidore, Los Angeles, Calif. Boring machine for paper. 1,451,610; Apr. 10.
Gestetner, D., Limited. (See Gestetner, David, assignor.)
Gestetner, David, assignor to D. Gestetner, Limited, London, England. Printing and duplicating. 1,456,794; May 29.
Getchell, Benjamin E., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. No-voltage release switch. 1,441,796; Jan. 9.
Getchell, Benjamin E., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Box connector. 1,466,361; Aug. 28.
Getchell, Benjamin E., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Inclosed switch. 1,473,574; Nov. 6.
Getchell, Benjamin E., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric system. 1,475,295; Nov. 27.
Getchell, Benjamin E., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Motor-starting switch. 1,477,871; Dec. 18.
Getgey, John J., Tulsa, Okla. Trousers presser and hanger. 1,473,547; Nov. 6.
Getgey, John J., Tulsa, Okla. Garment hanger and presser. 1,473,548; Nov. 6.
Gething, Enoch, assignor of one-half to G. F. Tetlow, Manchester, England. Attachment for securing the work to the tables of planing, milling, and like machines. 1,471,118; Oct. 16.
Geto, Max M., Brooklyn, assignor to Watch Protector Corporation, New York, N. Y. Watch protector. 1,450,848; Apr. 3.
Getting, Georges, and A. Jonas, St.-Denis, France. Driving belt. 1,478,114; Dec. 18.
Getz, Benjamin E., Morton, Ill. Driving mechanism for washing machines. 1,464,471; Aug. 7.
Getz, M., & Co. (See Scribner, G. H. T., and Susskind, assignors.)
Getz Power Washer Co. (See Litwiller, T. and Leader, assignors.)
Getz, Vernon C., Indianapolis, and W. L. Westbrook, Wabash, Ind. Sanitary chick fount. 1,449,983; Mar. 27.
Geurink, Bernard A. and L. H., East Cleveland, Ohio. Oil burner. 1,440,871; Jan. 2.
Geurink, Harry J., Cleveland, Ohio. Sash holder. 1,440,872; Jan. 2.
Geurink, Louis H. (See Geurink, Bernard A. and L. H.)
Gewerkschaft Hausbach II. (See Weber, Wilhelm, assignor.)
Geyer, Benjamin F., assignor to Wayne Oil Tank and Pump Company, Fort Wayne, Ind. Quantity stop mechanism for measuring pumps. 1,448,798; Mar. 20.
Geyer, Edgar, Silver Creek, Nebr. Detachable, swinging, washboiler apron. 1,452,682; Apr. 24.
Geyer, Harvey D., assignor to General Motors Research Corporation, Dayton, Ohio. Engine indicator. 1,456,847; May 29.
Gheen, John W., Los Angeles, Calif. Pressure regulator. 1,466,875; Sept. 4.
Gheen, John W., Los Angeles, Calif. Machine for displaying rugs, carpets, and other like articles. 1,466,876; Sept. 4.
Ghegan, John J., East Orange, N. J. Alternating-current local circuits for code-signaling telegraphs. 1,449,984; Mar. 27.
Ghegan, John J., East Orange, N. J. Auxiliary device for telegraph keys. 1,449,985; Mar. 27.
Ghent, George R. (See Dixon, T. K., Klein, Cox, and Ghent.)
Ghinelli, Luigi, Rome, Italy. Marine or the like vessel. 1,468,903; Sept. 25.
Gianini, Mario, New York, N. Y. Closure for containers. 1,467,578; Sept. 11.
Giauque, Edmund D. (See Fink, G. J., and Giauque.)
Giba, Piotr, Chicago, Ill. Permutation door lock. 1,465,262; Aug. 21.
Gibb Instrument Company. (See Brueckner, Julius R., assignor.)
Gibbons, Frank J., Worcester, Mass. Safety device for presses. 1,448,209; Mar. 13.
Gibbons, James. (See Stein, Frederick W., assignor.)
Gibbons, James W., Boston, Mass. Ash receiver. 1,459,096; June 19.
Gibbons, John W., Merced Falls, assignor of one-half to T. Carlon, La Grange, Calif. Vehicle gate. 1,476,963; Dec. 11.

Gibbons, Nathan A., Martins Ferry, Ohio, assignor to Whitaker-Glessner Company, Wheeling, W. Va. Mortar hod. 1,467,314; Sept. 11.

Gibbons, Robert C., and T. K. Felch, Jersey City, N. J. Smoking pipe. 1,458,479; June 12.

Gibbons, William J., Philadelphia, Pa. Contact for electric knife switches. 1,451,296; Apr. 10.

Gibbons, Willis A., New York, N. Y., and A. Given, Newark, N. J. Loading high-explosive shells. 1,453,933; May 1.

Gibbs, Benedict T., jr., Chicago Heights, assignor to Morden Frog & Crossing Works, Chicago, Ill. Railway-switch stand. 1,448,957; Mar. 20.

Gibbs, Benedict T., jr., Chicago Heights, assignor to Morden Frog & Crossing Works, Chicago, Ill. Railway-switch stand. 1,448,958; Mar. 20.

Gibbs, Benedict T., jr., assignor to Morden Frog & Crossing Works, Chicago, Ill. Combined rail brace and detector-bar support. 1,449,173; Mar. 20.

Gibbs, Carl A., Los Angeles, and F. A. Sawyer, Santa Monica, Calif. Shutter for motion-picture machines. 1,464,472; Aug. 7.

Gibbs, Harry D., Pennsgrove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacturing anthraquinone and phthalic anhydride. 1,444,068; Feb. 6.

Gibbs, Harry D., Pennsgrove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing phthalimids. 1,450,878; Apr. 3.

Gibbs, Harry D., Pennsgrove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalyst and making same. 1,463,206; July 31.

Gibbs, Harry D., Pennsgrove, N. J., dedicated, by mesne assignments, to the Government of the United States and to the People thereof. Producing a catalyst from vanadium pentoxide and the product thereof. 1,458,478; June 12.

Gibbs, Harry D., San Francisco, Calif., dedicated, by mesne assignments, to the People of the United States. Purifying anthracene press cake. 1,456,868; May 29.

Gibbs, James D., Louisville, Ky. Drill jar. 1,448,112; Mar. 13.

Gibbs, James D., Louisville, Ky. Casing elevator. 1,460,018; June 26.

Gibbs, James D., Louisville, Ky. Friction gearing. 1,477,052; Dec. 11.

Gibbs, Robert H., and B. W. Thiele, Portland, Oreg. Skirt hanger. 1,467,848; Sept. 11.

Gibbs, Walter A., Wilmington, Del. Animal trap. 1,458,286; June 12.

Gibbs, William E., East Orange, N. J. Liquid-fuel burner. 1,441,978; Jan. 9.

Gibbs, William T., and C. Feldpausch, Russell, Ky. Collapsible minnow trap. 1,445,763; Feb. 20.

Gibson, Calder C., Buffalo, N. Y. Cutting and stamping machine. 1,441,797; Jan. 9.

Gibson, Charles E., New York, N. Y. Doll. Des. 63,077; Oct. 2.

Gibson, Francis W., West Roxbury, Mass. Display stand. 1,470,159; Oct. 9.

Gibson and Gibson. (See Kelly, R., and Long, assignors.)

Gibson, Glen V., et al. (See Wenthing, Lester M., assignor.)

Gibson, John G., jr., Atlantic City, N. J. Grate structure. 1,473,846; Nov. 13.

Gibson, John M. (See Hill, S. C., Gibson, and Wright.)

Gibson, Joseph P., Spring Valley, Ill. Drawer-locking device for trunks. 1,455,198; May 15.

Gibson Mandolin-Guitar Company. (See McHugh, Thaddeus J., assignor.)

Gibson, Minerva A., Crisfield, Md. Toy. 1,449,279; Mar. 20.

Gibson, Oliver E., assignor to Potts Manufacturing Company, Mechanicsburg, Pa. Lock. 1,462,805; July 24.

Gibson, Oliver E., assignor to Potts Manufacturing Company, Mechanicsburg, Pa. Door. 1,462,806; July 24.

Gibson, Robert H., Carbon, Alberta, Canada. Pump pipe lift. 1,473,724; Nov. 13.

Gibson, Robert M., Pittsburgh, Pa. Fuel mixer. 1,466,795; Sept. 4.

Gibson, Samuel H., assignor to The Fanner Manufacturing Company, Cleveland, Ohio. Making chaplets. 1,443,737; Jan. 30.

Gibson, Samuel H., assignor to The Fanner Manufacturing Company, Cleveland, Ohio. Stirring device. 1,443,738; Jan. 30.

Gibson, William, and S. Gazzolo, assignors to National Carton Company, Joliet, Ill. Folding box. 1,446,250; Feb. 20.

Gibson, William A., Detroit, Mich. Disk wheel. 1,455,332; May 15.

Gibson, William A., and C. E. Needham, Allentown, Pa., assignors to Bradley Pulverizer Company, Boston, Mass. Air separator. 1,460,960; July 3.

Gibson, William A., and C. E. Needham, Allentown, Pa., assignors to Bradley Pulverizer Company, Boston, Mass. Grinding mill. 1,466,433; Aug. 28.

Gibson, William A., and C. E. Needham, Allentown, Pa., assignors to Bradley Pulverizer Company, Boston, Mass. Grinding mill. 1,473,341; Nov. 6.

Giddens, Grady M. (See Teasley, J. W., and Giddens.)

Giddings, Frank R., assignor of one-half to V. G. Piper, Kalamazoo, Mich. Means for dipping and coating confectionery. 1,461,115; July 10.

Giddings, George C., Springfield, Vt. Mechanically-operated automatic chuck. 1,453,318; May 1.

Giddings & Lewis Manufacturing Company. (See Schellenbach, William L., assignor.)

Giddings, William D., Fort Pierre, S. Dak. Drawbar for vehicles. 1,469,505; Oct. 2.

Gidelite Mfg. Co. (See Bihlmire, Otto L., assignor.)

Giebel, Henry, assignor to Thomas Wilson & Co. Inc., New York, N. Y. Lace. Des. 62,719; July 24.

Giebell, Charles L., assignor of one-half to C. L. Dunham, Pennsboro, W. Va. Underreamer. 1,463,316; July 31.

Gielen, Peter G., Paterson, N. J. Harness mechanism for looms. 1,475,546; Nov. 27.

Gierlaski, John, Chicago, Ill. Hair-cutting device. 1,446,383; Feb. 20.

Gies, Frank G., assignor of one-half to T. G. Murton, Detroit, Mich. Truck-body hoist. 1,454,966; May 15.

Giese, James A. (See Hamm, W. S., and Giese.)

Giese, Walter J., Power, Mont. Charge-condition apparatus for internal-combustion engines. 1,471,598; Oct. 23.

Giesecke, Carl, Bad Harzburg, Germany. Agglomerating mixtures of fine ore and fuel in shaft furnaces. 1,447,071; Feb. 27.

Giesecke, Carl, Bad Harzburg, Germany. Making agglomerates of fine ores. 1,478,215; Dec. 18.

Giesler, Jean V., assignor to The Fulton Company, Knoxville, Tenn. Pump. 1,454,886; May 15.

Gietzelt, Arthur A. (See Hoopes, S. L., and Gietzelt.)

Gietzelt, Arthur A., Fresno, Calif. Resilient wheel. 1,476,200; Dec. 4.

Gifin, Alfred R., assignor to J. E. Heene, Cleveland, Ohio. Oil purifier. 1,455,911; May 22.

Gifford, Albert J., Shrewsbury, Mass. Shoe-heel reenforcement. 1,444,181; Feb. 6.

Gifford, Arthur G., assignor of one-half to F. J. Mansfield, Rochester, N. Y. Automobile snubber. 1,445,830; Feb. 20.

Gifford, Cyrus P., Erie, Pa. Ice creeper. 1,442,882; Jan. 23.

Gifford Fox & Company Limited. (See Hawker, William J., assignor.)

Gifford, John H., Milwaukee, Wis., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for upsetting and clinching tubular fasteners. 1,468,662; Sept. 25.

Gifford, Richard T. (See Tomlinson, E., and Gifford.)

Gifford, Richard T., Springfield, assignor to E. N. White, J. L. Wyckoff, and J. M. Eaton, trustees, Holyoke, Mass. Holding latch for truck steering handles. 1,451,907; Apr. 17.

Gifford, Xenas A., Lockport, N. Y. Sign exhibit. 1,452,873; Apr. 24.

Giguere, Limoges, Montreal, Quebec, Canada. Mold. 1,449,986; Mar. 27.

Gilbert, A. C., Company, The. (See Erhardt, Oscar P., assignor.)

Gilbert, A. C., Company, The. (See Gilbert, Alfred C., assignor.)

Gilbert, Alfred C., assignor to The A. C. Gilbert Company, New Haven, Conn. Rheostat. 1,445,678; Feb. 20.

Gilbert, Alfred C., assignor to The A. C. Gilbert Company, New Haven, Conn. Toy vehicle. 1,448,113; Mar. 13.

Gilbert, Alfred C., assignor to The A. C. Gilbert Company, New Haven, Conn. Floor chime. 1,457,360; June 5.

Gilbert, Alfred C., assignor to The A. C. Gilbert Company, New Haven, Conn. Container for toy sets and the like. 1,457,361; June 5.

Gilbert, Alfred C., assignor to The A. C. Gilbert Company, New Haven, Conn. Toy. 1,457,972; June 5.

Gilbert, Alfred C., assignor to The A. C. Gilbert Company, New Haven, Conn. Toy vehicle. 1,472,164; Oct. 30.

Gilbert, Alfred C., assignor to The A. C. Gilbert Company, New Haven, Conn. Toy vehicle. 1,475,575; Nov. 27.

Gilbert, Alfred C., assignor to The A. C. Gilbert Company, New Haven, Conn. Toy vehicle. 1,476,294; Dec. 4.

Gilbert, Alfred C., assignor to The A. C. Gilbert Company, New Haven, Conn. Toy vehicle. 1,476,295; Dec. 4.

Gilbert, Alfred C., assignor to The A. C. Gilbert Company, New Haven, Conn. Electric motor. 1,476,708; Dec. 11.

Gilbert, Arthur S., assignor to W. & T. Avery, Limited, Birmingham, England. Residue weigher. 1,470,829; Oct. 16.

Gilbert & Barker Manufacturing Company. (See Davis, John B., assignor.)

Gilbert & Barker Manufacturing Company. (See Hine, Edward B., assignor.)

Gilbert, Charles E., Chicago, Ill. Automobile seat. 1,454,232; May 8.

Gilbert, Charles R., assignor of one-half to W. J. Goth, Los Angeles, Calif. Combination placer machine. 1,477,053; Dec. 11.

Gilbert, Harold K., Garner, Iowa. Direction signal for automobiles. 1,451,213; Apr. 10.

Gilbert, Henry J., assignor to Saginaw Manufacturing Company, Saginaw, Mich. Metal pulley. 1,457,071; May 29.
Gilbert, Olivier, Lewiston, Me. Device for digging post-holes. 1,442,883; Jan. 23.
Gilbert, William J., Chicago, Ill. Building tile. 1,477,258; Dec. 11.
Gilbert, William N., assignor to International Scale Company, Dayton, Ohio. Pendulum scale. 1,458,480; June 12.
Gilbert, William R., Tuscaloosa, Ala. Juice extractor. 1,443,255; Jan. 23.
Gilbert, Woodland H., St. Paul, Minn. Vending machine. 1,461,613; July 10.
Gilbertson, August, Minneapolis, Minn. Device for securing and tightening antiskid chains. 1,475,065; Nov. 20.
Gilbody, Fred H., Prestbury, near Macclesfield, England. Bracket for pulleys, levers, or the like. 1,478,216; Dec. 18.
Gilbreath, Leo A. (See Scurlock, O. W., and Gilbreath.)
Gilchrist, Clarence F., Toledo, Ohio. Dynamo-electric machine. 1,443,073; Jan. 23.
Gilchrist, Clarence F., Toledo, Ohio. Starting switch. 1,443,074; Jan. 23.
Gilchrist, Clarence F., Toledo, Ohio. Fuse-mounting block. 1,473,575; Nov. 6.
Gilchrist, Clarence F., assignor to The Electric Auto-Lite Company, Toledo, Ohio. Current cut-out. 1,460,961; July 3.
Gilchrist, Clarence F., assignor to Electric Auto-Lite Corporation, Toledo, Ohio. Lamp. 1,465,549; Aug. 21.
Gilchrist, Clarence F., and H. R. Patterson, assignors to Electric-Auto-Lite Corporation, Toledo, Ohio. Ignition coil. 1,449,666; Mar. 27.
Gilchrist Company, The. (See Gilchrist, Raymond B., assignor.)
Gilchrist Company, The. (See Poplawski, Stephen J., assignor.)
Gilchrist, John L., Wilkinsburg, Pa. Toy. 1,447,976; Mar. 13.
Gilchrist, Raymond B., assignor to The Gilchrist Company, Newark, N. J. Drink mixer. 1,452,197; Apr. 17.
Gilchrist, Raymond B., assignor to The Gilchrist Company, Newark, N. J. Drink mixer. 1,465,629; Aug. 21.
Gilchrist, Raymond B., assignor to The Gilchrist Company, Newark, N. J. Drink mixer. 1,465,630; Aug. 21.
Gilchrist, Raymond B., assignor to The Gilchrist Company, Newark, N. J. Drink mixer. 1,465,631; Aug. 21.
Gilchrist, Raymond B., assignor to The Gilchrist Company, Newark, N. J. Drink mixer. 1,465,632; Aug. 21.
Gilchrist, Raymond B., assignor to The Gilchrist Company, Newark, N. J. Drink mixer. 1,465,633; Aug. 21.
Gilchrist, Raymond B., assignor to The Gilchrist Company, Newark, N. J. Drink mixer. 1,465,634; Aug. 21.
Gilchrist, Raymond B., assignor to The Gilchrist Company, Newark, N. J. Drink mixer. 1,465,635; Aug. 21.
Gilchrist, Vincent T., assignor to Superior Process Refining Company, San Francisco, Calif. Petroleum-distillation process. 1,455,437; May 15.
Gilchrist, William L., Albany, Oreg. Bag closer. 1,446,384; Feb. 20.
Gilday, James S., Blaine, Wash. Air jack. 1,473,034; Nov 6.
Gil-Delgado, Vicente, Madrid, Spain. Resilient wheel. 1,465,125; Aug. 14.
Gilden, Abraham J., Brooklyn, N. Y. Automatic gas cut-off. 1,464,418; Aug. 7.
Gilder, Andrew, Grand Rapids, Mich. Bedstead construction. 1,471,556; Oct. 23.
Gile, Daniel W., Madison, S. Dak. Grain-shocking attachment for harvesters. 1,457,627; June 5.
Gile Engine Company. (See Gile, William A., assignor.)
Gile, William A., Stoneham, assignor, by mesne assignments, to G. K. Woodworth, Brookline, Mass. Internal-combustion engine. 1,440,592; Jan. 2.
Gile, William A., Stoneham, assignor to Gile Engine Company, Boston, Mass. Internal-combustion engine. 1,450,916; Apr. 10.
Giles, Donald M. (See Giles, John H. and D. M.)
Giles, Donald M., assignor to J. H. Giles, trading as Giles Dyeing Machinery Company, Philadelphia, Pa. Snubbing device for dye sticks. 1,476,296; Dec. 4.
Giles, Elizabeth G., Lockport, N. Y. Powder puff. 1,444,741; Feb. 6.
Giles, Eugene. (See Williams, Frank C., assignor.)
Giles, Harvey, Brooklyn, N. Y. Coin-controlled vending machine. 1,461,417; July 10.
Giles, Harvey, Brooklyn, assignor to A. Ward, New York, N. Y. Coin-controlled vending machine. 1,445,015; Feb. 13.
Giles, Harvey, Brooklyn, assignor to A. Ward, New York, N. Y. Coin-controlled vending machine. 1,458,621; June 12.
Giles, Harvey, Brooklyn, assignor to A. Ward, New York, N. Y. Coin-controlled vending machine. 1,462,199; July 17.
Giles, Harvey, Brooklyn, assignor to A. Ward, New York, N. Y. Coin-controlled vending machine. 1,466,372; Aug. 28.
Giles, Harvey, Brooklyn, assignor to A. Ward, New York, N. Y. Coin-controlled vending machine. 1,476,361; Dec. 4.
Giles, James P., Dallas, Tex. Rim tool. 1,476,245; Dec. 4.
Giles, John H. (See Giles, Donald M., assignor.)
Giles, John H. and D. M., Philadelphia, Pa. Yarn-stick-supporting member for dyeing machines. 1,455,247; May 15.
Giles, John W., Greenville, S. C. Yarn let-off connection. 1,453,101; Apr. 24.
Giles, William H., Burton-upon-Trent, England. Horseshoe. 1,471,119; Oct. 16.
Gilfillan, Robert H., assignor to Storb, Snader & Company, New Holland, Pa. Let-off mechanism for looms. 1,463,207; July 31.
Gilfoy, Michael H., Garrison, N. Dak. Game register. 1,444,680; Feb. 6.
Gilinson, Philip. (See Ames, B. and Gilinson.)
Gilinson, Philip, assignor to B. Ames, Lowell, Mass. Electric coil. 1,450,362; Apr. 3.
Gill, Charles H., Chicago, Ill. Transmission mechanism. 1,440,536; Jan. 2.
Gill, Charles H., Chicago, Ill. Speed-controlling mechanism. 1,462,807; July 24.
Gill, Charles H., Chicago, Ill. Machine-control mechanism. 1,462,808; July 24.
Gill, Charles H., Chicago, Ill. Self-adjusting transmission mechanism. 1,462,809; July 24.
Gill, Charles H., Chicago, Ill. Automatic crank transmission mechanism. 1,462,810; July 24.
Gill, Charles H., Chicago, Ill. Brake for vehicles. 1,478,646; Dec. 25.
Gill, Charles H., assignor of one five-thousandth to L. J. Bergamo, one five-thousandth to A. C. Arentz, one hundred five-thousandths to M. H. Higginbottom, one five-thousandth to E. Dossmann, one five-thousandth to C. Dossmann, and one five-thousandth to H. Saxe, Chicago, Ill. Spring-winding mechanism. 1,458,333; June 12.
Gill, Charles H., assignor of one five-thousandth to L. J. Bergamo, one five-thousandth to A. C. Arentz, one hundred five-thousandths to M. H. Higginbottom, one five-thousandth to E. Dossmann, one five-thousandth to C. Dossmann, and one five-thousandth to H. Saxe, Chicago, Ill. Slippage-governed transmission mechanism. 1,458,334; June 12.
Gill, David R., assignor of one-half to H. M. Sturgeon, Erie, Pa. Forging press. 1,450,947; Apr. 10.
Gill, Edwin R., Yonkers, N. Y. Universal joint for power transmission. 1,445,272; Feb. 13.
Gill, James F., and J. N. Chaviara, Liverpool, England. Electrical apparatus for the local and distant repetition of movements. 1,469,438; Oct. 2.
Gill, James H. W., Norfolk, assignor to Gill Propeller Company Limited, King's Lynn, England. Screw propeller and similar appliances. 1,454,967; May 15.
Gill, Margaret R., Chattanooga, Tenn. Automobile filling funnel. 1,443,466; Jan. 30.
Gill Propeller Company, Limited. (See Gill, James H. W., assignor.)
Gill, Walter A., Riverside, N. J. Hair curler. 1,457,698; June 5.
Gill, Walter K., Walker Springs, Ala. Liquid container. 1,464,419; Aug. 7.
Gillam, Charles E., Centralia, Mo. Automobile pulling device. 1,469,506; Oct. 2.
Gillam, Wilson J., assignor to Sayville Furniture Company, Inc., Sayville, N. Y. Chair. Des. 62,102; Mar. 20.
Gillam, Wilson J., assignor to Sayville Furniture Company, Inc., Sayville, N. Y. Chair. 1,465,980; Aug. 28.
Gillaspy, George W., Pendleton, Oreg. Band-saw guide. 1,474,255; Nov. 13.
Gillbee, Manuel A. T., assignor to A. M. Collins Manufacturing Company, Philadelphia, Pa. Manufacturing ornamental paper. 1,454,676; May 8.
Gillen, George A., Jersey City, N. J. Transmission lock for automobiles. 1,448,737; Mar. 20.
Gillen, Hugh A. (See Sheehan, G. F., and Gillen.)
Gillenwater, Jesse D., et al. (See Richards, Jesse D., assignor.)
Gillespie, Alexander, Pittsfield, Ill. Device and process for feeding roller mills. 1,450,723; Apr. 3.
Gillespie, Alexander J., Cleveland, Ohio. Antifriction bearing. 1,464,316; Aug. 7.
Gillespie, Dean M., Denver, Colo. Truck-frame fastener. 1,443,818; Jan. 30.
Gillespie, Edward S., assignor to Associated Engineers Co., Chicago, Ill. Soldering iron. 1,441,676; Jan. 9.
Gillespie, Frank A. (See Meyer, C., and Meade, assignors.)
Gillespie, Scott, and F. L. Shelor, Salem, Va.; said Shelor assignor to International Filler Corporation, Petersburg, Va. Corking machine. 1,460,650; July 3.
Gillet, Alexis F., assignor to Jubilee Manufacturing Company, Omaha, Nebr. Spark intensifier. 1,447,777; Mar. 6.
Gillett, Charles E., assignor to Norton Company, Worcester, Mass. Process and apparatus for classifying grinding wheels. 1,478,333; Dec. 18.
Gillett, Harry. (See Brown, A. C., and Gillett.)
Gillett, William T., Tillamook, Oreg. Cleansing composition. 1,472,972; Nov. 6.
Gillette, Herbert B., Grand Rapids, Mich. Wheel structure for dry-kiln trucks. 1,466,434; Aug. 28.

Gillette, Robert T., Schenectady, and J. L. Butterfield, Alplaus, N. Y., assignors to General Electric Company. Metal joint. 1,472,518; Oct. 30.
Gillette Rubber Co. (See Hutchens, R. W., and Smith, assignors.)
Gillette Rubber Co. (See Richards, F. A., and Shogren, assignors.)
Gillette Safety Razor Company. (See Nickerson, William E., assignor.)
Gillette Safety Razor Company. (See Parker, Riley H., assignor.)
Gillette Safety Razor Company. (See Thompson, Ralph E., assignor.)
Gillette-Vibber Company. (See Vibber, Wheeler H., assignor.)
Gillette, Walter A. (See Polhamus, A. A., and Gillette.)
Gillette, William F. (See Garrett, R. L., and Goolsby, assignors.)
Gilley, Sullivan E., New York, N. Y. Auxiliary seat for automobiles. 1,451,655; Apr. 10.
Gilliam, Eugene C., Warner, Okla. Wire-line clamp. 1,478,950; Dec. 25.
Gillier, André, Troyes, France. Rectilinear knitting frame for the production of openwork sinker wales. 1,478,115; Dec. 18.
Gillies, Neil M. (See Stroud, Chester H., assignor.)
Gillies, William R., assignor to Union Asbestos & Rubber Company, Chicago, Ill. Heat-insulating tape. 1,470,723; Oct. 16.
Gillig, Chester and L., San Francisco, Calif. Vehicle top. 1,469,331; Oct. 2.
Gillig, Chester H., et al. (See Farum, Elecle P., assignor.)
Gillig, Leo. (See Gillig, Chester and L.)
Gillig, William. (See Vanderhoof, H., and Gillig.)
Gilligan, George H., New Bedford, Mass., assignor to U. S. Ring Traveler Company. Ring traveler. 1,464,674; Aug. 14.
Gilligan, George H., New Bedford, Mass., assignor to U. S. Ring Traveler Company. Traveler for twister rings. 1,464,675; Aug. 14.
Gillinder Brothers. (See Gillinder, Edwin B., assignor.)
Gillinder, Edgar A., assignor to Gillinder & Sons, Inc., Philadelphia, Pa. Glass hall illuminating bowl. Des. 63,256; Nov. 13.
Gillinder, Edwin B., assignor to Gillinder Brothers, Port Jervis, N. Y. Lighting globe. Des. 61,908; Feb. 6.
Gillinder & Sons, Inc. (See Gillinder, Edgar A., assignor.)
Gillis & Geoghegan. (See Falkenau, Arthur, assignor.)
Gillis, James J., Vancouver, British Columbia, Canada. Penholder. 1,453,667; May 1.
Gillogly, Olney R., Zanesville, Ohio. Advertising device. 1,466,222; Aug. 28.
Gillstrap, Christian I., Crystal Lake, Iowa. Fuel and making same. 1,443,359; Jan. 30.
Gilman, Arthur S., Cleveland, Ohio. Ribbon for typewriting machines. 1,443,952; Feb. 6.
Gilman, Arthur S., S. C. Bennett and F. W. Kiesling, assignors to The A. S. Gilman Printing Company, Cleveland, Ohio. Manifold printed form. 1,459,151; June 19.
Gilman, Charles W., Worcester, Mass, assignor to Wyman-Gordon Company. Indicating machine. 1,447,346; Mar. 6.
Gilman, Edward T., Lowell, assignor to Draper Corporation, Hopedale, Mass. Feeler mechanism for looms. 1,461,872; July 17.
Gilman, Frank L., and J. R. Wilson, assignors of one-fourth to R. S. Berry; said Wilson assignor of one-third of his right to C. C. Matlock, Los Angeles, Calif. Well drill. 1,461,713; July 10.
Gilman, George H., Claremont, N. H., assignor to Sullivan Machinery Company. Feed-controlling device. 1,441,846; Jan. 9.
Gilman, George H., Claremont, N. H., and P. A. Haines, River Mines, Mo., assignors to Sullivan Machinery Company, Boston, Mass. Drilling apparatus. 1,464,486; Aug. 7.
Gilman, George W., assignor to American Metals Co., Janesville, Wis. Price marker. 1,442,720; Jan. 16.
Gilman, George W., jr., assignor to American Metals Co., Janesville, Wis. Clip for pens, pencils, and the like. 1,468,562; Sept. 18.
Gillmann, Henry, St. Louis, Mo. Folding washbench. 1,476,709; Dec. 11.
Gilmer, Charles A. (See Alvord, B. C., and Gilmer.)
Gilmore, Alfred R., and G. R. Carson, Red Rock, Pa. Trap. 1,463,117; July 24.
Gilmore, Benjamin V., Gauley Bridge, assignor to J. W. Graham, J. A. Graham, and W. S. Peck, Hinton, W. Va. Hinge joint for convertible roadster sections. 1,454,784; May 8.
Gilmore, Joseph, Seattle, Wash. Oil burner. 1,455,874; May 22.
Gilmore, Ronald F., and W. G. Johannsen, Algona, Iowa. Beet harvester. 1,463,078; July 24.
Gilmore, Steele F., Indianapolis, Ind. Pocketbook retainer. 1,446,293; Feb. 20.
Gilmore, William J., Hammond, Ind. Method of and means for making and setting green-sand cores. 1,476,069; Dec. 4.
Gilmore, William L., Roosevelt, assignor, by mesne assignments, to Curtiss Aeroplane and Motor Corporation, Buffalo, N. Y. Fighting airplane. 1,445,135; Feb. 13.
Gilmore, Willis B., Idaho Springs, Colo. Animal trap. 1,473,847; Nov. 13.
Gilmour, Alfred E. C., Wilkinsburg, Pa. Shock absorber. 1,464,524; Aug. 14.
Gilmour, Robert, and E. E. Cook, Pawtucket, R. I. Gas-pressure regulator. 1,462,958; July 24.
Gilpin, Charles D. (See Wellman, H. G., and Gilpin.)
Gilpin, Garth G., Riverside, assignor to W. P. Murphy, Chicago, Ill. Railway car truck. 1,443,838; Jan. 30.
Gilpin, Garth G., Riverside, assignor to W. P. Murphy, Chicago, Ill. Sheet-metal end for railway cars. 1,450,255; Apr. 3.
Gilpin, Garth G., Riverside, Ill., assignor to W. P. Murphy, New York, N. Y. Dump car. 1,456,978; May 29.
Gilpin, Garth G., Riverside, Ill., assignor to W. P. Murphy, New York, N. Y. Double-door construction for railway cars. 1,461,035; July 10.
Gilpin, Garth G., Riverside, assignor to Union Metal Products Company, Chicago, Ill. Dump-car door. 1,454,164; May 8.
Gilpin, Garth G., Riverside, assignor to Union Metal Products Company, Chicago, Ill. Dump-car door. 1,464,317; Aug. 7.
Gilpin, Garth G., Riverside, assignor to Union Metal Products Company, Chicago, Ill. Uncoupling device for car couplers. 1,474,193; Nov. 13.
Gilpin, Garth G., Riverside, Ill., assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 1,456,731; May 29.
Gilpin, Garth G., Riverside, Ill., assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 1,456,732; May 29.
Gilsenan, John, New York, N. Y. Nozzle. 1,476,810; Dec. 11.
Gilson, Albert F. F., Norwood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Head set. 1,463,810; Aug. 7.
Gilson, Ara, assignor to Packard Motor Car Company, Detroit, Mich. Lock for motor vehicles. 1,451,039; Apr. 10.
Gilson, Bert D., Chicago, Ill. Circulation-pump attachment. 1,473,287; Nov. 6.
Gilson, Christian, Pittsburgh, Pa., assignor to Westinghouse Electric and Manufacturing Company. Turbine blading. 1,469,901; Oct 9.
Gilson, Christian, Pittsburgh, Pa., assignor to Westinghouse Electric and Manufacturing Company. Blading. 1,469,902; Oct. 9.
Gilson, D., & Company. (See Wright, Albert F. J., assignor.)
Gilson, Robert M. (See Beall, C. R., and Gilson.)
Gilson, Robert M., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Static-potential-controlling apparatus. 1,449,987; Mar. 27.
Gilstrap, Daniel L., Batson, Tex. Fishing tool for junk in wells. 1,472,213; Oct. 30.
Gimson, Joseph F., Newcastle, assignor of one-half to Close Brothers & Company Limited, London, England. Apparatus for casting or molding pottery and like articles. 1,474,432; Nov. 20.
Ginabat, André, Paris, France. Surface condenser. 1,451,334; Apr. 10.
Ginelewitz, Paul, New York, N. Y. Clock. Des. 62,005; Feb. 27.
Ginelewitz, Paul, New York, N. Y. Double-locked secret chamber. 1,466,362; Aug. 28.
Ginger, Henry, Waltham Cross, England. Heating and lighting radiator. 1,452,800; Apr. 24.
Ginger, Henry, Hertfordshire, England. Gas burner. 1,462,756; July 24.
Gingerick, Kent S., Urbana, assignor to R. T. Parrish, Dayton, Ohio. Plow-depth adjusting device. 1,450,417; Apr. 3.
Gingerick, Kent S., Urbana, assignor to R. T. Parrish, Dayton, Ohio. Tractor wheel. 1,451,769; Apr. 17.
Gingles, Belle M., Waukesha, Wis. Darning horn. 1,447,656; Mar. 6.
Gingrass, Frank E., et al. (See Larson, Walter J., assignor.)
Gingrich, Elmer R., Lancaster, Pa. Shoe-tongue clip. 1,472,519; Oct. 30.
Ginn, Carrellvernon B., Brenham, Tex. Sterilizer and seed drier. 1,449,280; Mar. 20.
Ginn, Percy E. (See Johnson, Harry L., assignor.)
Ginsberg, Isaac, & Bros. (See O'Donnell, E., and Pintoff, assignors.)
Ginsberg, Louis, Minneapolis, Minn. Pencil-point protector. 1,470,724; Oct. 16.
Ginther, Anthony E., Philadelphia, Pa. Truck or wagon body. 1,452,371; Apr. 17.
Ginty, Charles L., Lockport, N. Y. Change-speed cone pulley. 1,471,726; Oct. 23.
Giorgini, Giuseppe, Greco Milanese, Italy. Electric welding apparatus. 1,443,123; Jan. 23.
Giovannini, Sebastian, Chicago, Ill. Frictionless air brake. 1,454,887; May 15.
Gippert, Ernest R., New York, N. Y., assignor to Atlas Devices Company, Inc. Carrier for pneumatic-dispatch-tube systems. 1,476,070; Dec. 4.
Girard, John, Thomaston, Conn. Roll-fabric holder. 1,462,333; July 17.
Girard, Louis R., Fall River, Wis. Confection-cone tray. 1,468,563; Sept. 18.

Alphabetical list of patentees—Continued.

Girl, Christian. (See Dunston, Wayne E., assignor.)
Girl, Christian. (See Short, Bladen M., assignor.)
Girl, Christian, Kalamazoo, Mich. Bumper. 1,472,905; Nov. 6.
Girl, Christian, et al. (See Maranville, Harvey F., assignor.)
Girl, Christian, and H. S. Jandus, Kalamazoo, Mich; said Jandus assignor to said Girl. Machine for cambering and tempering metal. 1,456,489; May 22.
Girl, Christian, and H. S. Jandus, Kalamazoo, Mich.; said Jandus assignor to said Girl. Machine for cambering and tempering metal. 1,456,490; May 22.
Girl, Christian, and W. E. Dunston, Kalamazoo, Mich. Automobile bumper. 1,476,605; Dec. 4.
Girl, Christian, and W. E. Dunston, Kalamazoo, and J. G. Utz, Detroit, Mich. Bumper. 1,464,603; Aug. 14.
Girodo, Frederick P., New York, N. Y. Traction shoe for wheels. 1,457,242; May 29.
Girot, Leo A., Oakland, Calif. Rope fastener. 1,459,329; June 19.
Girr, Sophie F., Brooklyn, N. Y. Combination rag-doll nursing-bottle cover, protector, and heat preserver. 1,464,525; Aug. 14.
Girsdansky, Max, New York, N. Y. Stereoscope. 1,440,457; Jan. 2.
Girtanner, Alexander, New York, N. Y. Ash conveyer. 1,454,277; May 8.
Girten, James, Chicago, Ill. Elevator-door lock. 1,476,710; Dec. 11.
Girvin, Fitzhugh B., and H. C. Gee, Georgetown, Tex. Signal. 1,453,623; May 1.
Gish, Lizzie, Modesto, Calif. Douche table. 1,464,420; Aug. 7.
Gisholt Machine Co. (See Godfriaux, Louis E., assignor.)
Gisholt Machine Company. (See Stevens, William N., assignor.)
Gissler, August, New York, N. Y. Brush. 1,452,502; Apr. 24.
Gist, Felta B., and C. P. Martin, Orange, Calif. Dolly jack. 1,461,481; July 10.
Githens, Herbert A., assignor to The Badger Rubber Works, Milwaukee, Wis. Tire. Des. 63,642; Dec. 25.
Gittelsohn, Louis, Chicago, Ill. Button. 1,441,275; Jan. 9.
Gittins, George W., administrator. (See Bockisch, Heinrich.)
Giuffre, Joseph, and C. W. Rich, San Francisco, Calif. Dispensing cigarette case. 1,453,585; May 1.
Giusto, Nicola, Long Island City, N. Y. Automobile horn. 1,441,574; Jan. 9.
Given, Arthur. (See Gibbons, W. A., and Given.)
Given, Arthur, Newark, N. J., assignor to Stevens-Aylsworth Company, New York, N. Y. Extracting sulphur from spent oxide from gas plants. 1,478,180; Dec. 18.
Givens, George N., assignor of two-fifths to C. E. Duffey, Colfax, La. Means for automatically opening doors or gates. 1,463,079; July 24.
Glacifer Company. (See Graham, James E., assignor.)
Gladden, Charles G., Marion, N. C. Press. 1,441,798; Jan. 9.
Gladville, Glenn V. (See Pearson, James H., assignor.)
Gladville, Glenn V., Bloomfield, Ind. Silo hoop. 1,441,799; Jan. 9.
Glaeser, Walter, Brooklyn, N. Y. Manufacture of sodium phosphate. 1,447,544; Mar. 6.
Glaeser, Walter, Brooklyn, assignor to Potash Extraction Corporation, New York, N. Y. Extraction of potassium compounds. 1,469,507; Oct. 2.
Glaholt, Carl, Union, N. Dak. Dirigible headlight. 1,451,693; Apr. 17.
Glair, Harry F., and E. J. Wonnacott, assignors to Standard Oil Company (of Indiana), Whiting, Ind. Filtration. 1,474,899; Nov. 20.
Glamzo, Paul, Brooklyn, assignor of one-third to F. Grimm, New York, and one-third to R. Rittmeyer, Brooklyn, N. Y. Hair curler. 1,458,176; June 12.
Glanschnig, Ignatz, Gary, Ind., assignor of one-half to F. E. Hummel, Chicago, Ill. Air motor. 1,464,070; Aug. 7.
Glanzer, Ludwig, Winkler, Kans. Rail joint. 1,465,263; Aug. 21.
Glardon, Edouard C., Hamburg, Germany. Hammer for joint binders. 1,442,875; Jan. 23.
Glaser, Theodore C., Newark, N. J. Emblem. 1,475,484; Nov. 27.
Glasgow, Ruth. (See Corby, R. L., and Glasgow.)
Glasner, Rudolph W. et al. (See Balcker, Martin, assignor.)
Glaspey, Warren E., Bridgeton, N. J., assignor to Spring Stopper Company, New York, N. Y. Machine for making bottles, etc. 1,453,759; May 1.
Glass, Frederick W., Newburgh, N. Y. Device for tilting the mattress-supporting frame of bedsteads. 1,466,711; Sept. 4.
Glass, John E., Marion, assignor of one-fourth to J. A. Stigar, Princeton, and one-quarter to J. H. Mayes, Marion, Ky. Stock guard. 1,443,256; Jan. 23.
Glass, Perley R., Brookline, Mass., assignor to United Shoe Machinery Corporation, Patterson, N. J. Process of and machine for perforating. 1,448,210; Mar. 13.
Glass, Perley R., Brookline, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-covering apparatus. 1,448,738; Mar. 13.
Glass, Perley R., Brookline, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Mechanism for controlling power-driven machines. 1,465,391; Aug. 21.
Glass, Perley R., Wayland, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Beating machine. 1,458,177; June 12.
Glassbrenner, Walter R., Carlinville, Ill. Apron. 1,474,415; Nov. 20.
Glasser, Maurice M., Charleston, S. C. Ceiling fan. 1,456,433; May 22.
Glasser, Maurice M., Charleston, S. C. Fan. 1,468,690; Sept. 25.
Glasser, Maurice M., Charleston, S. C. Fan. Re15,705; Oct. 30.
Glassman, Allan, New York, N. Y. Bouquet holder. 1,450,955; Apr. 10.
Glaudel, George, Los Angeles, assignor of one-half to G. L. Mitchell, Santa Monica, Calif. Windshield attachment. 1,440,537; Jan. 2.
Glaudel, George, Los Angeles, assignor of one half to G. L. Mitchell, Santa Monica, Calif. Clamp. 1,470,115; Oct. 9.
Glavin, Bernard L., Los Angeles, Calif. Curtain hanger. 1,460,335; June 26.
Glaze, Frederick E., Denver, Colo., assignor, by mesne assignments, to The Spangler Manufacturing Company. Self-cleaning spark plug. 1,465,038; Aug. 14.
Glazier, Edward F., and H. S. Bromley, assignors to North American Lace Company, Philadelphia, Pa. Snubbing device for yarn-winding machines. 1,443,875; Jan. 30.
Gleasner, William J., Kenmore, N. Y. Asphalt-cutting tool. 1,452,037; Apr. 17.
Gleason, C. Roy. (See Fate, John L., assignor.)
Gleason, Dora P., Cincinnati, Ohio. Indicator for timepieces. 1,455,482; May 15.
Gleason, Frederick H., Auburn, N. Y. Means for lubricating steering knuckles and other parts of vehicles. Re15,715; Nov. 6.
Gleason, Frederick J., Cambridge, assignor of one-half to M. Brown, Boston, Mass. Resilient heel lift. 1,444,500; Feb. 6.
Gleason, Frederick J., Cambridge, assignor of one-half to M. Brown, Boston, Mass. Making brake linings and the like. 1,452,555; Apr. 24.
Gleason, Henry M., assignor to Chase Companies, Incorporated, Waterbury, Conn. Safety-pin card and charging the same. 1,445,831; Feb. 20.
Gleason, Henry M., assignor to Chase Companies, Waterbury, Conn. Overflow mechanism for chutes. 1,456,545; May 29.
Gleason, Henry M., assignor to Chase Companies Inc., Waterbury, Conn. Sorting machine. 1,456,546; May 29.
Gleason, M. H., et al. (See Owen, Robert H., assignor.)
Gleason, Samuel A., New York, N. Y. Advertising device. 1,477,117; Dec. 11.
Gleason, Yale X., San Francisco, Calif. Shelf-stacking tray. 1,466,335; Aug. 28.
Gleason Works. (See Stewart, A. L., and Finsen, assignors.)
Gleissner, Anton G., Milwaukee, Wis. Collapsible trailer. 1,471,479; Oct. 23.
Glenk, Arthur W. (See Klaiber, Maximilian, assignor.)
Glenn, Allen, Shell Lake, Wis. Scythe snath. 1,443,839; Jan. 30.
Glenn, George A., Lawndale, Pa. Molding flask. 1,472,646; Oct. 30.
Glenn, Kenneth B., Ambridge, Pa. Floating jewel bearing. 1,469,079; Sept. 25.
Glenn, Samuel, Detroit, Mich. Garbage receptacle. 1,450,363; Apr. 3.
Glenn, William H., Quincy, Ill. Mop. 1,474,930; Nov. 20.
Glennie, Peter, North Andover, Mass. Apparatus for drying and carbonizing textile fabrics. 1,476,362; Dec. 4.
Glent & Hassenkamm Ltd. (See Petersen, Hans P., assignor.)
Glerum, Ingebright J., Devils Lake, N. Dak. Road drag. 1,446,419; Feb. 20.
Glessner, Charles E., Portland, Oreg. Vacuum dehydrator. 1,458,403; June 12.
Glickson, Simon, Chicago, Ill. Medicinal device. 1,461,185; July 10.
Glidden, Alfred A. (See La Fayette, T. E., Glidden, and Gaughan.)
Glidden, Alfred A., assignor to Hood Rubber Company, Watertown, Mass. Rubber boot. Des. 62,671; July 17.
Glidden, Harvey L., Needham Heights, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe rack. 1,450,948; Apr. 10.
Glidden, Raymond B., assignor to Kewanee Implement Company, Kewanee, Ill. Truck-unloading appliance. 1,468,631; Sept. 25.
Glinchikoff, Alexander, Stockton, Calif. Ball catching and throwing racket. 1,458,335; June 12.
Glines, Mae, Chicago, Ill. Douche apparatus and toilet attachment. 1,471,258; Oct. 16.
Glines, William S. (See Dover, G. W., and Glines.)
Glisson, Amos A., Fort Worth, Tex. Means for protecting and identifying passage tickets and baggage checks. 1,478,647; Dec. 25.
Glisson, William B., Rutherford, Tenn. Ventilation system. 1,450,771; Apr. 3.

Gilstridis, Angelus E., New York, N. Y. Candle. Des. 63,032; Sept. 18.
Globe Automatic Sprinkler Company. (See Rowley, Arthur C., assignor.)
Globe Paper Box Company. (See Schwenneke, Hans, assignor.)
Globe Ticket Company. (See Feddern, Carl, assignor.)
Globe Ticket Company. (See Feddern, Carl O., assignor.)
Globe Ticket Company. (See Scott, Walter C., assignor.)
Globe Ticket Company. (See Snow, Philip C., assignor.)
Globe-Wernicke Company, The. (See Ringler, William A., assignor.)
Glock, Theodore, Webster, Wis. Portable clothes basket. 1,462,133; July 17.
Gloor, Albert, Chicago, Ill. Wrench. 1,465,470; Aug. 21.
Glorian, Charles. (See Hermoye, Oscar, and Glorian.)
Glos, Jacob. (See Bruder, Edmund, assignor.)
Gloub, John. (See Spitzer, C. S., and Gloub.)
Glover, Edmond C., Rison, Ark. Bolt. 1,466,223; Aug. 28.
Glover, Edward S., Piney Flats, Tenn. Shock absorber. 1,441,415; Jan. 9.
Glover, Frank N., Brooklyn, N. Y. Support for collapsible tubes. 1,477,169; Dec. 11.
Glover, Rex C., Flint, Mich. Radiator construction. 1,459,503; June 19.
Glover, Thomas, Edmonton, London, England. Coin-freed mechanism. 1,443,875; Jan. 30.
Glover, W. T. and Company Limited. (See Beaver, C. J., Richards, and Claremont, assignors.)
Glover, William C., Eldorado, Kans. Gasoline purifier. 1,464,071; Aug. 7.
Glover, William S. C., London, England. Advertising device. 1,462,745; July 24.
Glowacki, John B., Chicago, Ill. Adjustable hand grip for crutches. 1,446,009; Feb. 20.
Glowacki, John B., Chicago, Ill. Renewable indicator for cartridge fuses. 1,446,556; Feb. 27.
Glowacki, John B., Chicago, Ill. Crutch armrest. 1,453,790; May 1.
Glowacki, John B., Chicago, Ill. Fuse plug. 1,459,203; June 19.
Glowacki, John B., Chicago, Ill. Renewable fuse. 1,476,964; Dec. 11.
Glowacki, John B., Chicago, Ill. Fuse plug. 1,477,643; Dec. 18.
Gluck, Edward V., Woodhaven, N. Y. Electric-fuse holder. 1,445,832; Feb. 20.
Gluck, Julius, assignor to American Taximeter Company, New York, N. Y. Recording device for taximeters. 1,473,816; Nov. 13.
Gluckman, Charles, New York, N. Y. Handle. 1,470,355; Oct. 9.
Glunt, Omer M., Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Desk stand for hand telephones. 1,456,501; May 29.
Glushak, David A., Washington, D. C. Fountain pen. 1,460,481; July 3.
Glynn, Desmond F. (See Sawyer, C. G., and Glynn.)
Gmeinwieser, Frank, Rochester, N. Y. Clothesrack. 1,442,395; Jan. 16.
Gmelin, Jacob H., assignor of one-half to J. A. Naismith, San Jose, Calif. Flower holder. 1,465,636; Aug. 21.
Gnacinski, Stanley. (See Harvozinski, M., and Gawlik, assignors.)
Gnau, Edgar C., East Aurora, N. Y. Connection protector. 1,463,208; July 31.
Gnoinsky, Michael, Zeeland N. Dak. Animal trap. 1,464,358; Aug. 7.
Gobay, Sidney H. (See Wile, R. S., and Gobay.)
Gobberdiel, Peter P., assignor to S. B. Dillehunt, Decatur, Ill. Tourist's guide. 1,471,481; Oct. 23.
Göbel, Adolf, F. Harnisch, and E. C. Janke, Brooklyn, N. Y. Ham boiler. 1,474,713; Nov. 20.
Gober, Karl O., Oakland, Calif. Locking hinge. 1,456,886; May 29.
Goble, Edgar A. (See Goble, Jesse and E. A.)
Goble, Jesse and E. A., Leavenworth, Kans. Barrel rack or hanger. 1,446,699; Feb. 27.
Goby, Clifford S., Cleveland, Ohio. Internal-combustion engine. 1,442,523; Jan. 16.
Gochenour, Benjamin C., Spokane, Wash. Emergency tire. 1,447,072; Feb. 27.
Gochenour, William E., Portage, Wis. Automatic tellurian. 1,468,781; Sept. 25.
Gocke, Gustav G., Long Beach, Calif. Lunch cabinet. 1,446,008; Feb. 20.
Godard, Luis. (See Larrey, T., and Godard.)
Godard, Luis, and T. Larrey, Mexico, Mexico. Heat-distributing deflector for boilers. 1,441,360; Jan. 9.
Goddard, Charles A., Cheshire, assignor to The Ball and Socket Manufacturing Company, West Cheshire, Conn. Cuff button. 1,461,524; July 10.
Goddard, Frederick M., Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Selectively-operated circuit-controlling device. 1,470,725; Oct. 16.
Goddard, George E., assignor to Dodge Brothers, Detroit, Mich. Demountable wheel. 1,452,597; Apr. 24.
Goddard, George E., assignor to Packard Motor Car Company, Detroit, Mich. Windshield. 1,473,848; Nov. 13.
Goddard, Karl B. (See Cooke, Frank V., assignor.)
Goddard, Walter T., Hamilton, Ontario, Canada, assignor, by mesne assignments, to Locke Insulator Corporation, Baltimore, Md. Insulator. 1,454,634; May 8.
Goddard, Walter T., Hamilton, Ontario, Canada, assignor, by mesne assignments, to Locke Insulator Corporation, Baltimore, Md. Strain insulator. 1,458,756; June 12.
Goddard, Walter T., Victor, N. Y., assignor, by mesne assignments, to Locke Insulator Corporation, Baltimore, Md. Strain clamp for electrical conductors. 1,458,753; June 12.
Goddard, Walter T., Victor, N. Y., assignor, by mesne assignments, to Locke Insulator Corporation, Baltimore, Md. Insulator. 1,458,754; June 12.
Goddard, Walter T., Victor, N. Y., assignor, by mesne assignments, to Locke Insulator Corporation, Baltimore, Md. Insulator. 1,458,755; June 12.
Goddard, Walter T., Victor, N. Y., assignor, by mesne assignments, to Locke Insulator Corporation, Baltimore, Md. Insulator. 1,474,256; Nov. 13.
Goddard, Wilfred B., assignor to Thomas Day Company, San Francisco, Calif. Lighting-fixture bracket. Des. 61,929; Feb. 13.
Goddu, George, Winchester, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating on metallic fastenings. 1,444,871; Feb. 13.
Goddu, George, Winchester, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for inserting fastenings. 1,447,244; Mar. 6.
Goddu, George, Winchester, and F. L. MacKenzie, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating on shoe stock. 1,468,663; Sept. 25.
Godfrey, Asel B., Cherry, Nebr. Automobile attachment for self draft. 1,442,936; Jan. 23.
Godfrey, Bert O., Seattle, Wash. Dredge. 1,461,240; July 10.
Godfrey Conveyor Company, The. (See Macy, Ishmael W. assignor.)
Godfrey-Evans, Lewis T., West Norwood, London, England. Carburetor for internal-combustion engines. 1,470,820; Oct. 16.
Godfrey, Frank E., Villisca, Iowa. Gynecological forceps. 1,448,739; Mar. 20.
Godfrey, Oscar M., assignor to Davis & Furber Machine Company, North Andover, Mass. Machine for picking and burring wool, etc. 1,470,827; Oct. 16.
Godfriaux, Louis E., assignor to Gisholt Machine Co., Madison, Wis. Lathe. 1,446,557; Feb. 27.
Goding, Edward N., trustee. (See Bell, Louis, assignor.)
Godley, Charles E., assignor to Edmunds & Jones Corporation, Detroit, Mich. Lamp bracket. 1,455,784; May 22.
Godley, Charles E., Detroit, Mich. Vehicle lamp. Des. 62,945; Aug. 28.
Godley, Charles E., assignor to Edmunds & Jones Corporation, Detroit, Mich. Sidelamp. 1,463,162; July 31.
Godley, Charles E., assignor to Edmunds & Jones Corporation, Detroit, Mich. Signal lamp. 1,475,296; Nov. 27.
Godley, Charles E., assignor to Edmunds and Jones Corporation, Detroit, Mich. Lamp. 1,477,819; Dec. 18.
Godman, John E., and J. M. Garr, La Fayette, Ind.; said Garr assignor to said Godman. Electric heating attachment for carburetors. 1,463,774; July 31.
Godshall Paper Box Co. (See Godshall, Jay H., assignor.)
Godshall, Jay H., assignor to Godshall Paper Box Co., Oshkosh, Wis. Box construction. 1,449,667; Mar. 27.
Godula, Gorege, Wyoming, Pa. Rail joint. 1,469,040; Sept. 25.
Godward, Charles H., Elbow Lake, Minn. Decoy duck. 1,444,342; Feb. 6.
Goebel, Boyd W., Jonesville, S. C. Convertible chair. 1,462,959; July 24.
Goebel, George, assignor to The Crown Cork and Seal Company of Baltimore City, Baltimore, Md. Machine for feeding crowns and the like. 1,469,556; Oct. 2.
Goebel, George, assignor to The Crown Cork and Seal Company of Baltimore City, Baltimore, Md. Crown feeding and assembling apparatus. 1,469,557; Oct. 2.
Goedicke, Richard, Berlin-Schoneberg, Germany. Ozone-generating apparatus. 1,454,219; May 8.
Goens, James E., Roanoke, Va. Mold for making metal castings. 1,457,362; June 5.
Goericke, William A. (See Newton, Dudley, assignor.)
Goerk, Jacob, Irvington, N. J. Pocket case for cigarettes, cigars, or the like. 1,469,080; Sept. 25.
Goertz, August, & Co. (See Goertz, Frederick, assignor.)
Goertz, August, & Co. (See Whitcomb, R., and Goertz, assignors.)
Goertz, Frederick. (See Whitcomb, R., and Goertz.)
Goertz, Frederick, Newark, N. J., assignor to August Goertz & Co. Combined stiffening and closing device for bags. 1,451,504; Apr. 10.
Goertz, Frederick, Newark, N. J., assignor to August Goertz & Co. Container. 1,451,505; Apr. 10.
Goertz, Frederick, Newark, N. J., assignor to August Goertz & Co. Combination bag frame and vanity or powder box 1,460,240; June 26.
Goethel, Alfred C., Milwaukee, Wis. Sectional boat. 1,449,222; Mar. 20.
Goetz, Henry A., Chicago, Ill. Dirigible airship. 1,451,503; Apr. 10.

Goetz, Joseph F., Dayton, Ohio. Mixing apparatus. 1,444,910; Feb. 13.
Goetz, Julius F., Hartford, Wis. Combined muffler and cut-out. 1,447,380; Mar. 6.
Goetz, Julius F., Hartford, Wis. Muffler-controlling device. 1,449,395; Mar. 27.
Goetz, William, Vancouver, British Columbia, Canada. Wire-rope-securing means. 1,442,396; Jan. 16.
Goff, Hobart. (See Walker, W. H., and Goff.)
Goff, Newel D., Providence, R. I. Air heater for furnaces. 1,475,228; Nov. 27.
Goffart, Paul, Brussels, Belgium, assignor, by mesne assignments, to Belgian American Coke Ovens Corporation, Wilmington, Del. Coke oven. 1,455,527; May 15.
Goffe, Theodore N., Springfield, Mo. Stovepipe lock. 1,461,773; July 17.
Goforth, Marshall T., Sugarland, Tex. Cotton packer. 1,447,466; Mar. 6.
Gogay, Henry R., Columbus, Ohio, assignor to Solar-Sturges Mfg. Co. Self-closing receptacle. 1,469,952; Oct. 9.
Gohier, Elphège, and A. Lecavalier, St. Martin, Quebec, Canada. Spring construction for automobiles. 1,449,988; Mar. 27.
Gohmert, Louis, Cuero, Tex. Composition for impregnating and preserving wood. 1,465,603; Aug. 21.
Goin, George R., and R. E. Hite, Highland Park, Mich.; said Goin assignor to said Hite. Filler and gauge. 1,453,668; May 1.
Going, George G., Middletown, Conn., assignor, by mesne assignments, to The Noiseless Typewriter Company. Typewriting machine. 1,471,152; Oct. 16.
Going, George G., Middletown, Conn., assignor, by mesne assignments, to The Noiseless Typewriter Company, Inc. Typewriting machine. 1,471,153; Oct. 16.
Goitre, Mario, Turin, Italy. Tab of guide cards for card indexes and the like. 1,451,214; Apr. 10.
Golco Sanitary System, Inc. (See Goldsmith, Harry N., assignor.)
Gold Car Heating & Lighting Company. (See Gold, Edward E., assignor.)
Gold, Edward E., New York, assignor to Gold Car Heating & Lighting Company, Brooklyn, N. Y. Thermostatic electric control for heating systems. 1,454,635; May 8.
Gold, Samuel M. (See Rachlin, Max, assignor.)
Gold Sealed Denture Process Co. Inc. (See Daly, John A., assignor.)
Goldbeck, Herman L., Tyler, Tex. Track tool. 1,468,231; Sept. 18.
Goldberg, Abraham, New York, N. Y. Candy. Des. 61,765; Jan. 9.
Goldberg, Abraham, New York, N. Y. Candy. Des. 61,766; Jan. 9.
Goldberg, Abraham, New York, N. Y. Candy. Des. 61,767; Jan. 9.
Goldberg, Abraham, New York, N. Y. Candy. Des. 61,768; Jan. 9.
Goldberg, Isidor. (See Jurgensen, A. P., assignor.)
Goldberg, Max W., Milwaukee, Wis. Crucible holder. 1,441,340; Jan. 9.
Goldberg, Michael R., Minneapolis, Minn. Lamp support. Des. 62,903; Aug. 21.
Goldberg, Morris L., Brooklyn, N. Y. Massaging brush. Des. 61,909; Feb. 6.
Goldberg, Solomon H. (See Flansburg, Peter, assignor.)
Goldberg, Solomon H., assignor to The Hump Hairpin Manufacturing Company, Chicago, Ill. Hairpin container. 1,454,636; May 8.
Goldberger, Max, Kansas City, Mo. Sample rack. 1,463,950; Aug. 7.
Goldberger, Maurice. (See Nicholas, R. L., and Goldberger.)
Goldberger, Morris, assignor to Cresco Creamery Supply Co., Chicago, Ill. Filling and capping machine. 1,456,690; May 29.
Goldberger, Morris, assignor to Cresco Creamery Supply Co., Chicago, Ill. Motor-driven pasteurizer. 1,464,704; Aug. 14.
Goldblatt, Henry, Chicago, Ill. Compass. 1,442,143; Jan. 16.
Goldee Mfg. Co. (See Olshan, Harry, assignor.)
Golden, Asher, New York, N. Y. Stamp affixer. 1,470,438; Oct. 9.
Golden, Charles F., Denver, Ind. Drafting instrument. 1,447,207; Mar. 6.
Golden, Charles F., Denver, Ind. Drafting instrument. 1,460,482; July 3.
Golden, Daniel J., Brockton, Mass. Braced shoe. 1,441,677; Jan. 9.
Golden, Edward L., Manistee, Mich. Ironing table. 1,478,951; Dec. 25.
Golden, Sidney, Altrincham, assignor to G. F. Jarvis, London, England. Means for controlling and reversing ships provided with propellers. 1,475,695; Nov. 27.
Golden, William L. (See Presgraves, C. C., and Golden.)
Goldfarb, Max, New York, N. Y. Radio horn. Des. 62,483; June 12.
Goldich, Morris L. (See Levitt, Nathan V., assignor.)
Goldin, Horace, New York, N. Y. Illusion device. 1,458,575; June 12.
Golding Bros Company. (See Buchwitz, William, assignor.)
Golding Bros. Company. (See Dowling, William, assignor.)
Goldknopf, Abraham, New York, N. Y. Collar-stud support. 1,473,549; Nov. 6.
Goldman, Charles H., San Francisco, Calif. Sample card. 1,469,081; Sept. 25.
Goldman, Samuel W. (See Hirshstein, Joseph, assignor.)
Goldman, Sigmund L., Chicago, Ill. Siphon nozzle. 1,446,174; Feb. 20.
Goldman, Sigmund L., Chicago, Ill. Bottle cover. 1,471,120; Oct. 16.
Goldman, Sigmund L., Chicago, Ill. Bottle-closure-applying device. 1,473,342; Nov. 6.
Goldman, William L., Los Angeles, Calif. Mechanical toy. 1,452,835; Apr. 24.
Goldner, Elmer M., Elliston, Iowa. Tool-driving attachment for automobiles. 1,465,815; Aug. 21.
Goldrick, Albert R. (See Spielman, M. H., and Goldrick.)
Goldrick, Albert R., Cleveland, assignor to C. W. Schaefer, Lakewood, Ohio. Metal casing for leaf-spring covers. 1,472,468; Oct. 30.
Goldsborough, Arthur T., San Francisco, Calif. Garment. 1,443,840; Jan. 30.
Goldsborough, Paul, Minneapolis, Minn. Pillar-post structure for batteries. 1,458,757; June 12.
Goldsby, Marie, Champaign, Ill. Hair-treating device. 1,441,678; Jan. 9.
Goldschmidt, Robert B., Paris, France. Wireless selection system. 1,475,297; Nov. 27.
Goldschmidt, Robert B., and R. Braillard, Paris, France. Electro-mechanical differential governor. 1,455,483; May 15.
Goldschmidt, Rudolf, West End, Berlin, Germany, assignor to Det Tekniske Forsögsaktieselskab, Charlottenlund, Denmark. Mechanism for producing oscillations from rotary motion. 1,450,072; Mar. 27.
Goldschmidt, Rudolf, Berlin, Germany, assignor to Det Tekniske Forsøgsaktieselskab, Ordrup, Charlottenlund, Denmark. Flexible shafting. 1,450,284; Apr. 3.
Goldschmidt, Rudolf, Berlin, Germany, assignor to Det Tekniske Forsøgsaktieselskab, Ordrup, Charlottenlund, Denmark. Mechanism for converting rotary into oscillatory motion. 1,452,038; Apr. 17.
Goldschmidt, Victor M., Christiania, Norway. Production of calcium chloride. 1,458,650; June 12.
Goldschmidt, Victor M., Christiania, Norway. Production of calcium chloride. 1,458,651; June 12.
Goldschmidt, Victor M., Christiania, assignor to A/S De Norske Saltverker, Bergen, Norway. Producing magnesium nitrate. 1,454,583; May 8.
Goldsmith, Berthold, assignor to The National Brass & Copper Company, Lisbon, Ohio. Rolling plate and like metal and blank therefor. 1,464,929; Aug. 14.
Goldsmith, Byron B., New York, N. Y. Ink cartridge. 1,472,063; Oct. 30.
Goldsmith, Byron B., New York, N. Y. Ink cartridge. 1,472,064; Oct. 30.
Goldsmith, Byron B., New York, N. Y. Ink cartridge. 1,472,065; Oct. 30.
Goldsmith, Byron B., New York, N. Y. Ink container. 1,472,066; Oct. 30.
Goldsmith, Byron B., New York, N. Y. Permanent ink cartridge. 1,472,067; Oct. 30.
Goldsmith, Byron B., New York, N. Y. Ink cartridge. 1,473,700; Nov. 13.
Goldsmith, Byron B., New York, N. Y. Inkstand for soluble ink. 1,473,701; Nov. 13.
Goldsmith, David, Newark, N. J. Garment hanger. 1,468,200; Sept. 18.
Goldsmith, Gustave M., and C. P. Bartels, assignors to The Mosler Safe Company, Hamilton, Ohio. Pressure system for safe or vault doors and the like. 1,469,638; Oct. 2.
Goldsmith, Gustave M., and C. P. Bartels, assignors to The Mosler Safe Company, Hamilton, Ohio. Pressure system for safe or vault doors and the like. 1,469,639; Oct. 2.
Goldsmith, Harry N., assignor to Golco Sanitary System, Inc., Philadelphia, Pa. Combined tile structure and toilet-paper holder. 1,463,775; July 31.
Goldsmith, Hugo, assignor to The P. Goldsmith Sons Company, Cincinnati, Ohio. Football pants. 1,446,251; Feb. 20.
Goldsmith, Hugo, assignor to The P. Goldsmith Sons Company, Cincinnati, Ohio. Fielder's glove. 1,473,849; Nov. 13.
Goldsmith, Hugo, assignor to The P. Goldsmith Sons Company, Cincinnati, Ohio. Baseball mask. 1,475,991; Dec. 4.
Goldsmith, Hugo, assignor to The P. Goldsmith Sons Company, Cincinnati, Ohio. Baseball mask. 1,478,982; Dec. 25.
Goldsmith, Joseph, jr., Chicago, Ill. Hair-curling device. 1,440,593; Jan. 2.
Goldsmith, Lester M., Philadelphia, Pa. Oil burner. 1,474,900; Nov. 20.
Goldsmith, Mary I., Denver, Colo. Child life saver for automobiles. 1,448,740; Mar. 20.
Goldsmith, Maurice, New York, N. Y. Hand bag. 1,478,737; Dec. 25.
Goldsmith's, P., Sons. (See Miller, W. O., and Bradford, assignors.)

Goldsmith, P., Sons Company. (See Goldsmith, Hugo, assignor.)
Goldsmith, P., Sons Company, The. (See Goldsmith, Hugo, assignor.)
Goldsmith, Walter A., Cleveland, Ohio. Bloomers. 1,450,437; Apr. 3.
Goldstein, Albert S., assignor, by mesne assignments, to Rochester Binding & Coat Front Company, Rochester, N. Y. Buttonhole-cutting machine. 1,465,039; Aug. 14.
Goldstein, Albion M., St. Louis, Mo. Combined collar button and necktie-guiding device. 1,467,788; Sept. 11.
Goldstein, Arthur. (See Goodman, L., and Goldstein.)
Goldstein, Barney, and G. L. McDonaugh, Washington, D. C.; said McDonaugh assignor to said Goldstein. Multiple-drink mixer. 1,441,416; Jan. 9.
Goldstein, Bernard, Toronto, Ontario, Canada. Pencil. Des. 62,720; July 24.
Goldstein, Isadore M., New Britain, Conn. Pocket clip. 1,443,709; Jan. 30.
Goldstein, Milton M., Minneapolis, Minn. Composition for cleaning enameled surfaces. 1,473,620; Nov. 13.
Goldstone, Frederick G., Plumstead, London, assignor to J. F. Bernard, and J. B. Bolitho, London, England. Electric condenser. 1,465,264; Aug. 21.
Goldthorpe, Edwin T., assignor to Elastic Paint Co., Chicago, Ill. Drier. 1,450,917; Apr. 10.
Golembiewski, Maryan S., Reading, Pa. Workholding device. 1,445,016; Feb. 13.
Golladay, Lawrence R., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Resistor for lightning arresters. 1,448,398; Mar. 13.
Golum Fur Novelty Co. (See Dean, William F., assignor.)
Golymbiewski, Wawrzeniec, Chicago, Ill. Window-operating mechanism. 1,444,151; Feb. 6.
Gombos, Karoly. (See Toth, F., and Gombos.)
Gomez, Gines P., Miami, Ariz. Compressed-air drill. 1,470,074; Oct. 9
Gomez, Joaquin S., Washington, D. C. Surgical suturing device. 1,452,372; Apr. 17.
Gómez, Joaquin S., Washington, D. C. Surgical ligature and means for applying the same. 1,452,373; Apr. 17.
Gomez, Joseph, Jacksonville, Ill. Culinary device. 1,471,727; Oct. 23.
Gomez, William G., Buffalo, N. Y. Tractor. 1,449,597; Mar. 27.
Gompf, Harry V., assignor of one-third to C. S. Judson and one-third to G. C. Davis, Springfield, Ohio. Strainer for liquid fuel. 1,478,785; Dec. 25.
Gonce, John W., Anderson, Tenn. Dentiphone. 1,472,214; Oct. 30.
Gongopolos, John G., Santa Barbara, Calif. Steering-wheel lock. 1,450,073; Mar. 27.
Gonzalez, Ramon, Manila, P. I. Self-closing match box. 1,457,275; May 29.
Gooch, Ernest C. (See Jones, B. W., and Gooch.)
Gooch, Ernest C. (See Weber, L. J., and Gooch.)
Gooch, Ernest C., Estes Park, Colo., assignor to General Electric Company. Means for controlling electric switches. 1,449,815; Mar. 27.
Gooch, James F., Raleigh, N. C. Combination cutting and welding torch. 1,468,807; Sept. 25.
Gooch, James H., Paris, Tex. Burner. 1,468,782; Sept. 25.
Gooch, Stapleton D., Plant City, Fla. Producing fertilizer. 1,470,968; Oct. 16.
Good, Edward E., Bluffton, Ohio. Gear puller. 1,471,259; Oct. 16.
Good Inventions Co. (See Good, John, assignor.)
Good, John, Garden City, N. Y. Internal-combustion engine. 1,458,481; June 12.
Good, John, Garden City, assignor to Good Inventions Co., New York, N. Y. Engine pre-heater. 1,456,980; May 29.
Good, John, assignor to Good Inventions Co., Brooklyn, N. Y. Engine-fuel vaporizer. 1,452,683; Apr. 24.
Good, John, Garden City, assignor to Good Inventions Co., Brooklyn, N. Y. Engine preheater. 1,453,669; May 1.
Good, John, Brooklyn, assignor to Good Inventions Co., New York, N. Y. Internal-combustion-engine system. 1,456,979; May 29.
Good, John, Brooklyn, assignor to Good Inventions Co., New York, N. Y. Combustion-engine oil purifier. 1,459,301; June 19.
Good, John, Brooklyn, assignor to Good Inventions Co., New York, N. Y. Combustion-engine charge-forming device. 1,460,667; July 3.
Good, John, Brooklyn, assignor to Good Inventions Co., New York, N. Y. Internal combustion engine. 1,460,668; July 3.
Good, John, Brooklyn, assignor to Good Inventions Co., New York, N. Y. Charge-forming apparatus. 1,466,647; Aug. 28.
Good, John, Brooklyn, assignor to Good Inventions Co., New York, N. Y. Method and means for starting combustion engines. 1,469,903; Oct. 9.
Good, Robert, Washington, Pa. Manufacture of glassware. 1,469,457; Oct. 2.
Good, Stephen, Cleveland, Ohio. Combined curtain pole and shade holder. 1,475,576; Nov. 27.
Goodale, Delia. (See Mable, William, assignor.)
Goodchild, Charles, assignor of one-half to J. J. McGinley, Oakland, Calif. Means for holding the stationary element of a coaster brake. 1,456,103; May 22.
Goodchild, Walter, Oakland, assignor to "Nips" Incorporated, Hoboken, N. J. Manufacture of capillary containers and dispensers. 1,452,801; Apr. 24.
Goode, George W. (See Strasburger, L. I., and Goode.)
Goode, Gilbert C., East Cleveland, assignor to The White Motor Company, Cleveland, Ohio. Rear-axle gearing. 1,477,170; Dec. 11.
Goode, William W., Arlington, Ala. Powder duster. 1,453,102; Apr. 24.
Goodell Manufacturing Company. (See Cary, George W., assignor.)
Goodell-Pratt Company. (See Hapgood, Oscar D., assignor.)
Goodell, William S., Chicago, Ill. Interchangeable road-treating machine. 1,473,405; Nov. 6.
Goodenberger, Daniel E., assignor to The Firestone Tire and Rubber Company, Akron, Ohio. Tubing die for manufacturing solid tires. 1,444,911; Feb. 13.
Goodenberger, Daniel E., assignor to The Firestone Tire and Rubber Company, Akron, Ohio. Process and apparatus for the manufacture of solid tires. 1,450,256; Apr. 3.
Gooderham, Albert E. (See Gartlan, Stephen L., assignor.)
Goodfellow, Alfred. (See Huston, C. L., and Goodfellow.)
Goodfellow, Herbert R. (See Parker, F. B., and Goodfellow.)
Goodfellow, Howard. (See Jackson, A. E., and Goodfellow.)
Goodfellow, John H., Buffalo, N. Y. Boiler-tube cleaner. 1,460,669; July 3.
Goodfellow, John H., Buffalo, N. Y. Boiler-tube sucker and soot ejector. 1,477,118; Dec. 11.
Goodfellow, Joseph. (See Chapman, Charles E., assignor.)
Goodfellow, Joseph P., assignor of one-fourth to C. Eisele, Blaine, Wash. Pump. 1,465,392; Aug. 21.
Goodger, Albert E., London, England. Crane for vehicles, trucks, and the like. 1,464,131; Aug. 7.
Goodhart, Howard B., assignor of one-half to C. A. Potts, Lancaster, Pa. Adjustable piston for engines. 1,474,470; Nov. 20.
Goodheim, Albert, West Hoboken, N. J. Apparatus for automatically starting engines of motor vehicles. 1,459,726; June 26.
Goodhue, Frank A., Winchester, Mass. Signaling device. 1,445,210; Feb. 13.
Goodhue, Frank M., Van Nuys, Calif., assignor of one-half to J. E. Goodhue, St. Charles, Ill. Transmission mechanism. 1,474,901; Nov. 20.
Goodhue, James E. (See Goodhue, Frank M., assignor.)
Goodier, James H., New York, N. Y. Envelope closure. 1,472,647; Oct. 30.
Goodin, Edward L., Copeland, assignor of one-half to G. B. M. Will, Crabtree, Ark. Aeroplane. 1,459,882; June 26.
Goodin, Edward L., Copeland, assignor of one-third to G. B. M. Will, Crabtree, Ark. Aeroplane. 1,459,883; June 26.
Goodin, Edward L., Copeland, assignor of one-third to G. B. M. Will, Crabtree, Ark. Launching device for aeroplanes. 1,459,884; June 26.
Gooding, James C., Wellston, Ohio. Fireproof partition. 1,458,652; June 12.
Goodling, Daniel W. (See Strawser, George A., assignor.)
Goodman, Henry C., Los Angeles, Calif. Rat trap. 1,458,404; June 12.
Goodman, Irving, New York, N. Y. Bloomers. 1,451,421; Apr. 10.
Goodman, Jacob, Chicago, Ill. Electric motor. 1,468,150; Sept. 18.
Goodman, Louis, New York, and A. Goldstein, Brooklyn, N. Y. Display device. 1,448,659; Mar. 13.
Goodman, Keeley I. (See Goodman, Walter R. and K. I.)
Goodman Manufacturing Co. (See Davis, Charles E., assignor.)
Goodman Manufacturing Company. (See Bigelow, Ray S., assignor.)
Goodman Manufacturing Company. (See Davis, Charles E., assignor.)
Goodman Manufacturing Company. (See Packer, Glenn W., assignor.)
Goodman Manufacturing Company (See Pray, Thomas E., assignor.)
Goodman Manufacturing Company. (See Segler, Albert H., assignor.)
Goodman Manufacturing Company. (See Sloane, William W., assignor.)
Goodman, Siegfried, Livingston Manor, N. Y. Resilient support for tires. 1,469,904; Oct. 9.
Goodman, Walter R., Worthing, and K. Goodman, Richmond, England. Engine-starting device. 1,467,033; Sept. 4.
Goodman, William F. (See Mock, C. F., and Goodman.)
Goodrich, B. C., et al. (See Wood, Charles R., assignor.)

Goodrich, B. F., Company. (See Evans, B. A., and Zwisler, assignors.)
Goodrich, B. F., Company. (See Fisher, Harry I., assignor.)
Goodrich, B. F., Company. (See Raymond, Harry K., assignor.)
Goodrich, B. F., Company, The. (See Ayres, Hiram D., assignor.)
Goodrich, B. F., Company, The. (See Falor, Abram E., assignor.)
Goodrich, B. F., Company, The. (See Fox, William H., assignor.)
Goodrich, B. F., Company, The. (See Gammeter, John R., assignor.)
Goodrich, B. F., Company., The. See Geer, W. C., and Dickson, assignors.)
Goodrich, B. F., Company, The. (See Haren, Urban, assignor.)
Goodrich, B. F., Company, The. (See Kepler, Irwin F., assignor.)
Goodrich, B. F., Company, The. (See Kepler, I. F., and Robb, assignors.)
Goodrich, B. F., Company, The. (See Kroeger, Edwin J., assignor.)
Goodrich, B. F., Company, The. (See Lowe, Silas C., assignor.)
Goodrich, B. F., Company, The. (See MacDonald, Frank J., assignor.)
Goodrich, B. F., Company, The. (See Martin, Frederick H., assignor.)
Goodrich, B. F., Company, The. (See Nied, Fred A., assignor.)
Goodrich, B. F. Company, The. (See Parker, V. A., and Sears, assignors.)
Goodrich, B. F., Company, The. (See Pigeon, Ernest A., assignor.)
Goodrich, B. F., Company, The. (See Robertson, Samuel B., assignor.)
Goodrich, B. F., Company, The. (See Schade, James W., assignor.)
Goodrich, B. F., Company, The. (See Schick, Edward L., assignor.)
Goodrich, B. F., Company, The. (See Sproull, John C., assignor.)
Goodrich, B. F., Company, The. (See Tew, James D., assignor.)
Goodrich, B. F., Company, The. (See Trumbull, Harlan L., assignor.)
Goodrich, B. F., Company, The. (See Whitmarsh, Robert B., assignor.)
Goodrich, B. F., Company, The. (See Winkelmann, H. A., and Gray, assignors.)
Goodrich, B. F., Company, The. (See Young, Harvey L., assignor.)
Goodrich, Beverly C., et al. (See Wood, Charles R., assignor.)
Goodrich, Daniel L., Chicago, Ill. Chest. 1,453,935; May 1.
Goodrich, Howard, Omaha, Nebr. Cosmetic chest. Des. 63,119; Oct. 9.
Goodrich, Ralph B., Cincinnati, Ohio. Valve lifter. 1,443,916; Jan. 30.
Goodridge, Gardner L., East Stanwood, Wash. Stanchion. 1,465,126; Aug. 14.
Goodridge, George E. (See Whitman, W. C., and Goodridge.)
Goodridge, Gilbert W., assignor to The Bryant Electric Company, Bridgeport, Conn. Adapter. 1,465,816; Aug. 21.
Goodridge, Gilbert W., assignor to The Bryant Electric Company, Bridgeport, Conn. Fuse. 1,470,440; Oct. 9.
Goodrum, Charles L. (See Clausen, H. P., and Goodrum.)
Goodrum, Charles L., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,452,269; Apr. 17.
Goodrum, Charles L., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,465,393; Aug. 21.
Goodrum, Charles L., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,472,469; Oct. 30.
Goodrum, Charles L., assignor to Western Electric Company, Incorporated, New York, N. Y. Machine-switching telephone-exchange system. 1,478,607; Dec. 25.
Goodsell, James A., and S. A. Dovey, Hudson, Mich. Mechanism for connecting the speedometer with the power shaft of a motor vehicle. 1,473,988; Nov. 13.
Goodspeed Machine Company. (See Witt, John J., assignor.)
Goodwill Electric Company, The. (See Richmond, Walter, assignor.)
Good-Will Mfg. Company. (See Larson, Henry I., assignor.)
Goodwin, Abraham E., Newburyport, assignor to Lynn Last Co., Lynn, Mass. Hinged last. 1,445,505; Feb. 13.
Goodwin, Abraham E., Newburyport, assignor to Lynn Last Company, Lynn, Mass. Display last. 1,461,612; July 10.
Goodwin, Abraham H., New York, N. Y. Wooden shipping case. 1,443,681; Jan. 30.
Goodwin, Adolphus D., assignor of thirty per cent to D. W. Brown, East Durham, and thirty per cent to D. W. Sorrell, Durham, N. C. Railway-crossing gate. 1,450,285; Apr. 3.
Goodwin, Alfred D., Ripon, Calif. Oil-pressure clutch. 1,458,287; June 12.
Goodwin, Angier L., executor. (See Tozier, Charles C.)
Goodwin Car & Mfg. Company. (See Van Scoy, Howard, assignor.)
Goodwin, George S. (See Acker, Julius J., assignor.)
Goodwin, Hall, Chicago, Ill. Fuse. 1,458,696; June 12.
Goodwin, Hall, Chicago, Ill. Cartridge fuse. 1,463,885; Aug. 7.
Goodwin, Irvin A., Ripon, Calif. Reduction gearing for drills. 1,444,343; Feb. 6.
Goodwin, James R., assignor to The Steel Scaffolding Co., Evansville, Ind. Adjustable ladder jack. 1,441,847; Jan. 9.
Goodwin, John D. (See Stipes, R. B., Goodwin, and Welch.)
Goodwin, Lewis A., Cora, Mo. Cooling system for houses or rooms. 1,451,215; Apr. 10.
Goodwin, William J., East Northport, N. Y. Track construction. 1,443,257; Jan. 23.
Goodwin, William N., jr., assignor to Weston Electrical Instrument Company, Newark, N. J. Thermal ammeter. 1,456,591; May 29.
Goodwin, Willis C., Woodruff, S. C. Calculator. 1,444,602; Feb. 6.
Goodwin, Yuba T., East Dedham, Mass. Statuette. Des. 62,721; July 24.
Goodyear Redwood Co. (See Lawson, Davenport, assignor.)
Goodyear Tire & Rubber Company. (See Bedford, Clayton W., assignor.)
Goodyear Tire & Rubber Company. (See Burdette, Richard S., assignor.
Goodyear Tire & Rubber Company. (See Upson, Ralph H., assignor.)
Goodyear Tire & Rubber Company, The. (See Atkins, James B., assignor.)
Goodyear Tire & Rubber Company, The. (See Bedford, C. W., and Sibley, assignors.)
Goodyear Tire & Rubber Company, The. (See Carlton, B. B., and Burkley, assignors.)
Goodyear Tire & Rubber Company, The. (See Fuller, Ernest L., assignor.)
Goodyear Tire & Rubber Company, The. (See Harsel, William B., assignor.)
Goodyear Tire & Rubber Company, The. (See Kilborn, K. B., and Shively, assignors.)
Goodyear Tire & Rubber Company, The. (See Kilborn, K. B., and Wolfe, assignors.)
Goodyear Tire & Rubber Company, The. (See Kimmich, Elmer G., assignor.)
Goodyear Tire & Rubber Company, The. (See Kraft, Herman T., assignor.)
Goodyear Tire & Rubber Company, The. (See Lewis, Warren K., assignor.)
Goodyear Tire & Rubber Company, The. (See McGovern, Bernard F., assignor.)
Goodyear Tire & Rubber Company, The. (See Myiroie, John M., assignor.)
Goodyear Tire & Rubber Company, The. (See Shively, Walter E., assignor.)
Goodyear Tire & Rubber Company, The. (See Tourtellot, Wayne L., assignor.)
Goodyear Tire & Rubber Company, The. (See Trogner, Roland S., assignor.)
Goodyear Tire & Rubber Company, The. (See Upson, Ralph H., assignor.)
Goodyear Tire & Rubber Company, The. (See Williford, James D., assignor.)
Goodyear Tire & Rubber Company, of Canada, The. (See Carlisle, Clifton H., assignor.)
Goodyear's India Rubber Glove Manufacturing Company. (See Mahoney, Jeremiah L., assignor.)
Goodyear's India Rubber Glove Manufacturing Company, The. (See McGee, Howard H., assignor.)
Goodyear's Metallic Rubber Shoe Company, The. (See Moeller, John H., assignor.)
Gookin, Albert T., Cambridge, Mass. Guard and signal for railways, etc. 1,477,438; Dec. 11.
Gookin, Sylvester L., Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for setting fasteners. 1,456,002; May 22.
Goold-Adams, Henry, and J. Mitchell, London, England. Coupler for railway and like vehicles. 1,475,812; Nov. 27.
Goold, Luella L., Arlington, Mass. Hypodermic syringe. 1,455,047; May 15.
Goolman, Fred R., Syracuse, N. Y., assignor, by mesne assignments, to Mimmo Toy Company, Inc. Toy player piano. 1,452,112; Apr. 17.
Goolsby, James L. (See Garrett, R. L., and Goolsby.)
Goosmann, Justus C., Peoria, Ill. Heat-exchanging apparatus. 1,464,705; Aug. 14.
Goosmann, Justus C., Peoria, Ill. Water-control valve. 1,472,412; Oct. 30.
Goranson, Emil, Lake Park, Minn. Potato-cutting machine. 1,465,981; Aug. 28.
Gorbutt, Sidney B., Portland, Oreg. Valve. 1,448,291; Mar. 13.

Gordan Machine Company. (See Lane, J. D., and Macnaughtan, assignors.)
Gordon, Clarence S., assignor to R. R. McDaniels, Los Angeles, Calif. Combined bending machine and vise. 1,475,813; Nov. 27.
Gordon, Daniel, New York, N. Y. Incandescent lamp. 1,468,264; Sept. 18.
Gordon, David D., Chicago, Ill., assignor, by mesne assignments, to McGill Manufacturing Company, Valparaiso, Ind. Switch movement. 1,473,224; Nov. 6.
Gordon, David D., Chicago, Ill., assignor, by mesne assignments, to McGill Manufacturing Company, Valparaiso, Ind. Switch mechanism. 1,473,225; Nov. 6.
Gordon Electric Mfg. Co., The. (See Seltzer, Ira R., assignor.)
Gordon, Frank E., Sheffield, England. Teapot and like vessel. 1,470,224; Oct 9.
Gordon, Frederick C., Westfield, N. J. Weather strip. 1,442,721; Jan. 16.
Gordon, Hayner H., Washington, D. C., assignor to Industrial Research Corporation, Toledo, Ohio. Starting mechanism for internal-combustion engines. 1,475,485; Nov. 27.
Gordon, Henry C., et al. (See Donaldson, Elizabeth C., assignor.)
Gordon, Hiram, assignor to Shelby Shoe Company, Portsmouth, Ohio. Presser pad. 1,463,688; July 31.
Gordon, Iphus H., and C. E. Miles, Lyndonville, Vt. Latch for vehicle doors. 1,470,075; Oct. 9.
Gordon, Isaac, Schenectady, N. Y. Gas water heater. 1,474,931; Nov. 20.
Gordon, Johnston R. (See Simpson, G., and Gordon.)
Gordon, Peter J., Sag Harbor, assignor to Joseph Fahys & Company, New York, N. Y. Spoon, fork, or similar article. Des. 62,015; Feb. 27.
Gordon, Samuel, et al. (See Newbauer, Falentine, assignor.)
Gordon, Thomas, Perth, Western Australia, Australia. Pump plunger. 1,448,624; Mar. 13.
Gordon, William A., Shelton, assignor to The Birmingham Iron Foundry, Derby, Conn. Pneumatic-clutch control. 1,465,431; Aug. 21.
Gordon, William A., Shelton, assignor to Birmingham Iron Foundry, Derby, Conn. Centrifugal mold. 1,466,826; Sept. 4.
Gordon, William F., and E. W. Keith, Denver, Colo. Hydrometallurgical process of ore treatment. 1,464,036; Aug. 7.
Gordon, William R., assignor to North East Electric Company, Rochester, N. Y. Pneumatic press follower. 1,469,722; Oct. 2.
Gore, Alfred C. and C. L., San Antonio, Tex. Tortilla press. 1,459,976; June 26.
Gore, Charles, Los Angeles, Calif. Speed-indicating mechanism. 1,442,937; Jan. 23.
Gore, Charles L. (See Gore, Alfred C. and C. L.)
Gore, Herbert C., Takoma Park, Md., dedicated, by mesne assignments, to the People of the United States for their free use and enjoyment. Preparing a sugar sirup. 1,467,599; Sept. 11.
Gore, James E., assignor to Gore Tractor Company, Inc., Spokane, Wash. Power-transmission mechanism. 1,447,073; Feb. 27.
Gore, Thomas F., Yonkers, N. Y. Wrench. 1,445,211; Feb. 13.
Gore Tractor Company. (See Gore, James E., assignor.)
Gore, Warren W., assignor to Fuller & Johnson Mfg. Co., Madison, Wis. Internal-combustion engine. 1,447,245; Mar. 6.
Gore, Warren W., assignor to Fuller & Johnson Mfg. Co., Madison, Wis. Dust sprayer. 1,473,785; Nov. 13.
Gore, Warren W., assignor to Fuller & Johnson Mfg. Co., Madison, Wis. Dust sprayer. 1,473,786; Nov. 13.
Gore, Warren W., assignor to Fuller & Johnson Mfg. Co., Madison, Wis. Dust sprayer. 1,473,787; Nov. 13.
Gorenflo, Oscar W., Buffalo, N. Y. Chatterless lug and pedal-shaft support. 1,452,910; Apr. 24.
Gorham, James C., jr., assignor to Barnes Manufacturing Company, Mansfield, Ohio. Diaphragm pump. 1,447,074; Feb. 27.
Gorham Manufacturing Company. (See Staf, Axel H., assignor.)
Gorham Manufacturing Company of Providence. (See Ball, George E., assignor.)
Gorhy, Virgil H., Silver Hill, W. Va. Soil pulverizer. 1,445,506; Feb. 13.
Gorin, Frederick P., Seattle, Wash. Finger-actuated key-operated machine. 1,457,111; May 11.
Gorman, Alphonsus, et al. (See Remillard, Joseph O., assignor.)
Gorman, Eugene J. B. (See Cowden, A. R., and Gorman.)
Gorman, Eugene J. B., Dayton, Ohio. Valve. 1,473,621; Nov. 13.
Gorman, Frank C. (See Gorman, James F. and F. C.)
Gorman, Henry B., Cambridge, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe. 1,469,831; Oct. 9.
Gorman, James C., Mansfield, Ohio. Convertible open spout and plunger force pump. 1,444,872; Feb. 13.
Gorman, James F. and F. C., New York, N. Y. Burglar alarm. 1,472,750; Oct. 30.
Gorman, John W., East Syracuse, N. Y. Side bumper for vehicles. 1,470,828; Oct. 16.
Gorman, Michael F., Binghamton, N. Y. Automatic flatiron lifter. 1,465,077; Aug. 14.
Gormley, Dennis A., and D. W. Reid, Atlantic City, N. J. Carburetor. 1,457,112; May 29.
Gornick, Louis, Joliet, Ill. Stucco treatment of houses embodying glass. 1,440,732; Jan. 2.
Gorrani, Raimondo C., Boston, Mass. Window. 1,442,397. Jan. 16.
Gorrell, Charles R., Toledo, Ohio. Finger exerciser. 1,472,906; Nov. 6.
Gorrell, Edmund M., Columbus, Ohio. Shock absorber. 1,448,741; Mar. 20.
Gorrell, John W., Connelsville, Mo. Luggage carrier. 1,465,515; Aug. 21.
Gorrell, William R., and H. Barkschat, Los Angeles, Calif. Rail chair. 1,463,118; July 24.
Gorsline, Hathaway M., assignor to Kawneer Manufacturing Company, Niles, Mich. Metal frame and interlocking joint. 1,473,817; Nov. 13.
Gorsuch, Howard F., assignor to The Galion Iron Works & Mfg. Co., Galion, Ohio. Automatic feeder for elevators. 1,440,594; Jan. 2.
Gorsuch, Howard F., Frederickstown, assignor to D. C. Talbott, Galion, Ohio. Crane. 1,444,968; Feb. 13.
Gorton, Walter T., U. S. Army. Operating slide and handle for machine guns. 1,460,415; July 3.
Gosch, Hans H., Randall, Minn. Road drag. 1,460,321; June 26.
Gosch, William H., assignor to The Nolde & Horst Co., Reading, Pa. Embroidery frame. 1,473,622; Nov. 13.
Goshorn, W. P. (See Clark, Harry W., assignor.)
Gosline, George W., Santa Paula, Calif. Propelling mechanism for airplanes. 1,443,572; Jan. 30.
Gosling, Joseph W., Schenectady, N. Y., assignor to General Electric Company. Standard for lighting fixtures. Des. 61,769; Jan. 9.
Gosling, Joseph W., Schenectady, N. Y., assignor to General Electric Company. Lamp standard. Des. 62,570; June 26.
Gosling, Joseph W., Schenectady, N. Y., assignor to General Electric Company. Lantern. Des. 63,050; Sept. 25.
Gosling, Joseph W., Schenectady, N. Y., assignor to General Electric Company. Standard for lighting fixtures. Des. 63,364; Nov. 27.
Gosling, Joseph W., Schenectady, N. Y., assignor to General Electric Company. Upright for a lighting unit. Des. 63,643; Dec. 25.
Gosnell, Ernest A., Burkburnett, Tex. Ignition device for internal-combustion engines. 1,461,088; July 10.
Gosper, Amos, Banksia, near Sydney, assignor to H. P. Fletcher, Sydney, New South Wales, Australia. Expanding auger. 1,459,366; June 19.
Goss, Charles E. (See Goss, George W. and C. E.)
Goss, Charles E. (See Goss, G. W., Goss, and Roshon.)
Goss, George W. and C. E., Baltimore, Ohio. Farm gate. 1,443,467; Jan. 30.
Goss, George W. and C. E., Baltimore, Ohio. Wagon body. 1,443,468; Jan. 30.
Goss, George W., C. E. Goss, and C. O. Roshon, Baltimore, Ohio. Fuel tank. 1,471,482; Oct. 23.
Goss, Harold J., assignor to The International Paper Box Machine Company, Nashua, N. H. Machine for making set-up boxes. 1,445,940; Feb. 20.
Goss, Henry F. (See Olhasso, J. J., Goss, and Pos.)
Goss, Herbert C., Beach Haven, Pa. Battery cabinet. 1,470,917; Oct. 16.
Goss, John H., and E. L. Wolff, Waterbury, Conn., assignors to Scovill Manufacturing Company. Casting apapratus. 1,456,231; May 22.
Goss Printing Press Company. (See Henzi, Albert A., assignor.)
Goss Printing Press Company. (See Walser, J. J., and Fankboner, assignors.)
Goss Printing Press Company, The. (See Siple, Charles, assignor.)
Goss, Samuel G., Glencoe, assignor to Halsam Products Company, Chicago, Ill. Playblock. 1,465,637; Aug. 21.
Goss, Samuel G., deceased, Glencoe, Ill.; Central Trust Company of Illinois, executor, assignor to Halsam Products Company, Chicago, Ill. Method of and apparatus for manufacturing and printing toy blocks. 1,465,638; Aug. 21.
Goss, William H., Hammonton, Calif. Rodent trap. 1,456,981; May 29.
Gosselin, Alphonse J., Rochester, N. Y. Broiler. 1,469,508; Oct. 2.
Gösser, Adolf, administrator. (See Gösser, Richard.)
Gösser, Richard, deceased, by A. Gösser, administrator, Munich, assignor, by mesne assignments, to the Firm "Stachelband" G. m. b. H., Munchen-Pasing, Germany. Barbed wire and the like. 1,454,584; May 8.
Gossett, Robert W., Spartanburg, S. C. Traverse protector for spinning frames. 1,448,114; Mar. 13.
Gossling, Walter E., New York, N. Y., assignor, by mesne assignments, to The Prest-O-Lite Co., Inc., Indianapolis, Ind. Post and cover clamp and seal. 1,453,791; May 1.
Gossner, Joseph, New York, N. Y. Combined ash tray, match holder, and cigar cutter. Des. 62,201; Apr. 10.
Gosso, Alton E., assignor to The Gosso Company, Chicago, Ill. Berth. 1,459,826; June 26.
Gosso Company, The. (See Gosso, Alton E., assignor.)

Goth, William J. (See Gilbert, Charles R., assignor.)
Gothberg, Herman E., Roselle Park, N. J. Metallic-tread mat. 1,442,063; Jan. 16.
Gotisar, Theodore H., Newark, N. J. Constructing hand bags. 1,473,932; Nov. 13.
Gott, Arthur E., Southall, England. Gyroscopic compass. 1,453,103; Apr. 24.
Gottesman, Herman, assignor to Ignition Lock Company of America, Inc., New York, N. Y. Motor-vehicle controlling switch. 1,447,946; Mar. 6.
Gottfried, Herbert R., Erie, Pa. Price indicator. 1,473,035; Nov. 6.
Gottlieb, Abraham. (See Simon, D., and Gottlieb.)
Gottlieb, Benjamin, Brooklyn, N. Y. Tire tread. Des. 63,051; Sept. 25.
Gottlieb, David, New York, and L. B. Siegel, Brooklyn, N. Y. Supporter. 1,444,681; Feb. 6.
Gottsacker, Edward J. (See Sellmann, H. W., and Gottsacker.)
Gottsch, Christian H., New Hyde Park, N. Y. Drainpipe trap. 1,450,956; Apr. 10.
Gottschalk, Albert, assignor to National Pneumatic Company, New York, N. Y. Emergency door-control apparatus. 1,476,711; Dec. 11.
Gottschalk, Frederick C., New York, N. Y. Duplicating roll. 1,475,263; Nov. 27.
Gottschalk, Karl P., Dresden, assignor to H. Staier, Grunau, near Rosswein, Saxony, Germany. Apparatus for adjusting and fixing the setting or straddling of partly-cut matches of paper, pasteboard, or the like and still connected in the shape of a continuous strip or band. 1,422,375; Apr. 17.
Gottschalk, Karl P., Dresden, assignor to H. Staier, Grunau, near Rosswein, Saxony, Germany. Apparatus for impregnating matches of wood, pasteboard, paper, or the like with paraffin. 1,452,374; Apr. 17.
Gottschalk, Karl P., Dresden, assignor to H. Staier, Grunau, near Rosswein, Saxony, Germany. Filling apparatus for match-dipping machines. 1,452,376; Apr. 17.
Gottschalk, Karl P., Dresden, assignor to H. Staier, Grunau, near Rosswein, Saxony, Germany. Apparatus for supplying color to vertical stamping rollers. 1,465,078; Aug. 14.
Gottschalt, Henry C., Bratenahl, Ohio. Cable-end connection. 1,466,127; Aug. 28.
Gottwald, Joseph, and A. Posler, Theresa, Wis. Animal trap. 1,456,733; May 29.
Gotzhein, Joseph, Brooklyn, N. Y. Nut skinning. 1,469,332; Oct. 2.
Goubier, Jean M., Aulnay sur Mauldre, France. Scraping device. 1,446,420; Feb. 20.
Goudie, James. (See Cole, W., and Goudie.)
Gough, Charles M., East St. Louis, Ill. Pressing pad. 1,471,891; Oct. 23.
Gough, Ned E., Seattle, Wash. Mandrel. 1,477,054; Dec. 11.
Goughnour, George, assignor to The Timkin Roller Bearing Company, Canton, Ohio. Electrode holder. 1,472,215; Oct. 30.
Gougler, Clyde J., Tulsa, Okla. Reenforcing structure for derricks. 1,462,746; July 24.
Gouin, Paul and E. Roesel, Paris, France. Electrode for alkaline storage batteries. 1,447,657; Mar. 6.
Gould, Augustus W., deceased, Mount Angel, Oreg.; H. Phelan, executrix. Filler and accelerator for rubber compounds. 1,463,781; July 31.
Gould Coupler Company. (See Blake, Eli J., assignor.)
Gould Coupler Company. (See Bouché, William F., assignor.)
Gould Coupler Company. (See Creveling, John L., assignor.)
Gould Coupler Company. (See Sauvage, William H., assignor.)
Gould, David F., Cornwells, Pa., assignor to The Barrett Company. Purification of hydrocarbons. 1,441,417; Jan. 9.
Gould, David F., Cornwells, Pa., assignor to The Barrett Company. Naphthalene crystals and making the same. 1,448,688; Mar. 13.
Gould & Eberhardt. (See Zimmermann, William F., assignor.)
Gould, Fred J., Springfield, Mass. Stone-surfacing machine. 1,452,113; Apr. 17.
Gould, John N., assignor to The F. B. Zieg Manufacturing Company, Fredericktown, Ohio. Ironing machine. 1,448,027; Mar. 13.
Gould, Le Roy E., Sherman, S. Dak. Dispenser. 1,465,902; Aug. 21.
Gould, Loran J., Acme, Wash. Means for utilizing power of automobiles. 1,462,936; July 24.
Gould, Samuel C., Bridgeport, Conn. Towline bumper. 1,473,288; Nov. 6
Gouldbourn, Joseph, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Pulling-over machine. 1,448,742; Mar. 20.
Gouldbourn, Joseph, and H. H. Jackson, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Buttonhole-sewing machine. 1,442,398; Jan. 16.
Goulding, James, Richmond, Victoria, Australia. Sidecar chassis. 1,468,201; Sept. 18.
Goulet, Omer C., assignor of one-half to A. E. Perron, Fall River, Mass. Stopping device for folding machines. 1,472,751; Oct. 30.
Gourley, Harry, Sheffield, England. Coke-oven door. 1,440,458; Jan. 2.
Gourley, William O., Gary, Ind. Clothesline and post. 1,444,344; Feb. 6.
Gove, Charlotte M., administratrix. (See Gove, Henry H.)
Gove, Henry H., Biddeford, assignor of one-half to H. R. Whitehead, Saco, Me. Weft-replenishing loom. 1,440,981; Jan. 2.
Gove, Henry H., assignor to Gove Motor Company, Biddeford, Me. Internal-combustion engine. 1,471,789; Oct. 23.
Gove, Henry H., deceased, Biddeford; C. M. Gove, administratrix, assignor of one-half to H. R. Whitehead, Saco, Me. Weft-cutting mechanism for looms. 1,448,660; Mar. 13.
Gove, Henry H., deceased, Biddeford, assignor of one-half to H. R. Whitehead, Saco, Me.; C. M. Gove, administratrix. Thread tension device. 1,454,637; May 8.
Gove Motor Company. (See Emery, Frank M., assignor.)
Gove Motor Company. (See Gove, Henry H., assignor.)
Governform Corporation. (See Scheinman, Louis J., assignor.)
Government of the United States. (See Blandy, W. H. P., and Turner, assignors.)
Government of the United States. (See Boesch, Harry L., assignor.)
Government of the United States. (See Duffie, John F., assignor.)
Government of the United States. (See Flint, James A., assignor.)
Government of the United States. (See Macfarlane, S. B., and Barry, assignors.)
Government of the United States. (See McConnell, James W., assignor.)
Government of the United States. (See Moore, J. J., assignor.)
Government of the United States. (See Myers, Tom B., assignor.)
Government of the United States. (See Uberroth, Frank E. P., assignor.)
Government of the United States. (See Warburg, James P., assignor.)
Government of the United States and to the People of the United States. (See Brewster, J. F., and Raines, assignors.)
Government of the United States and to the People thereof. (See Gibbs, Harry D., assignor.)
Government of the United States, represented by the Secretary of the Navy. (See Nichols, Ernest F., assignor.)
Governors of the University of Toronto. (See Banting, F. G., Best, and Collip, assignors.)
Governors of the University of Toronto. (See Moloney, P. J., and Findlay, assignors.)
Govers, Francis X., New York, N. Y. Recovery of aromatic compounds. 1,441,341; Jan. 9.
Govin, Henry W., Northboro, Mass. Feed-weight adjustment. 1,454,852; May 15.
Gow, Alexander M., deceased, Duluth, Minn.; American Exchange National Bank, Duluth, executor. Control means for fluid-operated cylinders. 1,448,531; Mar. 13.
Gow, Alexander M., deceased, Duluth, Minn.; American Exchange National Bank of Duluth, executor. Loading machine. 1,472,907; Nov. 6.
Gow, Charles R., Company. (See Gow, Charles R., assignor.)
Gow, Charles R., assignor to Charles R. Gow Company, Boston, Mass. Constructing foundation columns and the like. 1,475,696; Nov. 27.
Gowan, Carrie L., Duncan, Okla. Glove-drying device. 1,450,033; Mar. 27.
Gowan, Sydney, Sale, and L. Miller, Whitefield, England, assignors to Westinghouse Electric & Manufacturing Company. Electrically-driven planer and the like. 1,475,766; Nov. 27.
Gower, Joe and H. Wolfe, Sparta, Ill. Composition of matter for use as a roof paint. 1,447,208; Mar. 6.
Gowin, Walter W., Omaha, Nebr. Vibrometer. 1,467,373; Sept. 11.
Gowing, Albert C. (See Burleigh, A. C., and Gowing.)
Gowran, Harry C., assignor to The Hamilton Manufacturing Company, Two Rivers, Wis. Hanger. 1,464,178; Aug. 7.
Grabarek, Michael, assignor of one-half to S. Novak, Marquette, Mich. Lock. 1,472,648; Oct. 30.
Grabau, William C. (See Guenther, F. G., and Grabau.)
Graber, Ellis, Tunbridge Wells, England. Machine for use in drying or treating photographic prints, films, and the like. 1,453,554; May 1.
Graber, Henry P., assignor to Adam Fisher Mfg. Co., St. Louis, Mo. Vacuum massager. 1,451,019; Apr. 10.
Graber, John N. (See McGinnis, J., and Graber.)
Grabhorn & Dubiner. (See Dubiner, Herman, assignor.)
Grabowski, Stanislaw Z., et al. (See Gajkowski, Wladyslaw, J., assignor.)
Grabowsky, Peter P., Providence, R. I. Bayonet wire cutter. 1,456,767; May 29.
Grace, Edwin B., and W. J. Laffey, Memphis, Tenn. Freight-handling truck. 1,472,649; Oct. 30.

Grace, Emanuel J., Erie Pa. Dispensing mechanism. 1,476,071; Dec. 4.

Grace, James E., New York, N. Y. Clip. 1,467,931; Sept. 11.

Grace, John F., Kearny, N. J., assignor to Worthington Pump and Machinery Corporation. Condenser. 1,443,360; Jan. 30.

Grace, John F., Kearny, N. J., assignor to Worthington Pump and Machinery Corporation. Distributor for cooling towers and the like. 1,464,816; Aug. 14.

Grace, John F., Kearny, N. J., assignor to Worthington Pump and Machinery Corporation. Condenser. 1,474,358; Nov. 20.

Grace, Lynn J., assignor of one-half to J. E. Bell, Chicago, Ill. Edge setter and burnisher. 1,470,076; Oct. 9.

Gracey, James G., St. Louis, Mo. Tire protector for automobile wheels. 1,444,603; Feb. 6.

Graddick, Fletcher C. (See Roberts, Jessie J., assignor.)

Grade, Hans, Bork, Germany. Gear arrangement for motor vehicles. 1,446,175; Feb. 20.

Grady, Claude D., assignor of one-half to E. E. Wallace, Sturgis, Ky. Inner-tube-testing device. 1,441,079; Jan. 2.

Grady, Francis J., assignor to National Folding Box Company, New Haven, Conn. Counter-display folding box. 1,448,743; Mar. 20.

Grady, Lanson T., Victor, Colo. Transformer. 1,454,638; May 8.

Grady, Peter W., Grand Forks, N. Dak. Baseball game. 1,447,717; Mar. 6.

Grady, William J., assignor to Faries Manufacturing Company, Decatur, Ill. Arm for lighting fixtures. Des. 62,773; July 31.

Graebert, Rudolph R., assignor, by mesne assignments, to B. Meyers, Chicago, Ill. Lock for automobile steering wheels. 1,454,233; May 8.

Graebert, Rudolph R., assignor to C. G. Baunach, Chicago, Ill. Automobile steering wheel. 1,454,234; May 8.

Graebner, Otto F., assignor to The Willys-Overland Company, Toledo, Ohio. Means for securing finish to metal bodies. 1,468,468; Sept. 18.

Graef, Carl L., Hawthorne, N. J., assignor of one-half to H. Kind, New York, N. Y. Burglar alarm. 1,471,843; Oct. 23.

Graef, Carl L., Hawthorne, N. J., assignor of one-half to H. Kind, New York, N. Y. Door-knob alarm. 1,471,844; Oct. 23.

Graef, Michael J., St. Louis, Mo. Combination safety razor and hair trimmer. 1,448,341; Mar. 13.

Graeff, Walter L., assignor to G. A. Reach, Philadelphia, Pa. Support for use in packing baseball gloves for shipment. 1,462,906; July 24.

Graesser, Carl H., Bridgeport, Conn., assignor to Manning, Maxwell & Moore, Inc., New York, N. Y. Pressure-gauge meschanism. 1,461,730; July 17.

Graf, Christopher, assignor to R. Graf, South Bend, Ind. Photographic objective. 1,463,132; July 24.

Graf, Edward R., Watertown, Wis. Garter. 1,448,399; Mar. 13.

Graf, Emil, assignor, by mesne assignments, to R. Steinacher, New York, N. Y. Spark plug. 1,477,119; Dec. 11.

Graf, Fredrik, Krokslatt, and J. W. Svensson, Molndal, Sweden. Self-acting friction clutch. 1,451,506; Apr. 10.

Graf, Hans, assignor to Polygraphische Gesellschaft, Laupen-Berne, Switzerland. Writing machine. 1,471,654; Oct. 23.

Graf, Louis F. (See Bender, E. G., and Graf.)

Graf, Raymond I., assignor to Keeler Brass Company, Grand Rapids, Mich. Automobile foot rail. 1,473,091; Nov. 6.

Graf, Richard. (See Graf, Christopher, assignor.)

Grafenstatt, Emil S., Los Angeles, Calif. Hydraulic clutch. 1,450,679; Apr. 5.

Grafenstatt, Emil S., Los Angeles, Calif. Clutch pedal. 1,464,905; Aug. 14.

Graff, Edward. (See Carroll, T. P., and Graff.)

Graff, Emil M., et al. (See Brumfield, Thomas R., assignor.)

Graff, George, New York, N. Y., assignor to Graff, Washburne & Dunn. Clock lamp. Des. 61,910; Feb. 6.

Graff, George, New York, N. Y., assignor to Graff, Washbourne & Dunn. Support for lamps and the like. Des. 62,446; June 5.

Graff, George, New York, N. Y., and W. A. Kennedy, Leonia, N. J., assignors to Graff Washburne & Dunn. Combined heating and cooling device. 1,450,589; Apr. 3.

Graff, Joseph F., Milwaukee, Wis. Scaffold bracket. 1,450,286; Apr. 3.

Graff, Joseph F., Milwaukee, Wis. Towing device. 1,455,875; May 22.

Graff, Oscar, Philadelphia, Pa. Shoe lacing. 1,450,918; Apr. 10.

Graff, Oscar, Philadelphia, Pa. Head gauge for hatters. 1,469,640; Oct. 2.

Graff-Underwood Company. (See Underwood, Percival G., assignor.)

Graff, Washburne & Dunn. (See Graff, George, assignor.)

Graff Washburne & Dunn. (See Graff, G., and Kennedy, assignors.)

Graham, Andrew W., assignor to The City Trust Co., branch of the Marine Trust Co., Buffalo, N. Y., trustee. Match packet. 1,448,115; Mar. 13.

Graham, Archibald P., Elkhorn, Wis. Mold for forming saxophone mouthpieces. 1,458,048; June 5.

Graham Brothers. (See Dunham, George W., assignor.)

Graham, Charles W., Allendale, N. J., assignor to American Can Company, New York, N. Y. Automatic machine for cutting paper gaskets. 1,447,381; Mar. 6.

Graham, Charles W., Allendale, N. J., assignor to American Can Company, New York, N. Y. Apparatus for cutting and handling can-end liners. 1,448,839; Mar. 20.

Graham, Charles W., Allendale, N. J., assignor to American Can Company, New York, N. Y. Apparatus for assembling can-end liners with can ends. 1,448,840; Mar. 20.

Graham, Frank A., Harbor Springs, Mich. Lifeboat apparatus. 1,458,880; June 12.

Graham Glass Company, The. (See Graham, Robert C., assignor.)

Graham, Harland B., San Jose, Calif. Fluid-pressure device. 1,465,471; Aug. 21.

Graham, Henry H., assignor to Allith-Prouty Company, Danville, Ill. Spring bung. 1,448,060; Mar. 13.

Graham, Henry W. B., assignor to The Arnold-Creager Company, New London, Ohio. Brick machine. 1,454,165; May 8.

Graham, Henry W. B., assignor to The Arnold-Creager Company, New London, Ohio. Sand-feeding mechanism. 1,454,438; May 8.

Graham, Henry W. B., deceased, New London, Ohio; M. Graham, executrix; said Henry W. B. Graham assignor to The Arnold-Creager Company, New London, Ohio. Brick-making apparatus. 1,452,152; Apr. 17.

Graham, Herbert W., Pittsburgh, Pa. Air-blast control for blast furnaces. 1,458,288; June 12.

Graham, Howard, Knippa, Tex. Tire pump. 1,455,584; May 15.

Graham, Howell E., Birmingham, Ala. Apparatus for marking sign-painters' cloth. 1,468,446; Sept. 18.

Graham, James A., et al. (See Gilmore, Benjamin V., assignor.)

Graham, James E., Newtonville, Mass., assignor to Glacifer Company, Boston, Mass. Cooling container or so-called "dry container" for ice cream and similar products to be maintained cold for many hours. 1,462,450; July 17.

Graham, James J., et al. (See Riddel, Sherrod, assignor.)

Graham, James P., Kansas City, Mo. Wall hanger for plumbing fixtures. 1,471,154; Oct. 16.

Graham, Jesse, Leeds, England, assignor to Bradford Dyers' Association Limited, Bradford, England. Hydraulic accumulator. 1,466,898; Sept. 4.

Graham, Jessie F., Standard City, Calif. Butt hook. 1,457,887; June 5.

Graham, John, Liverpool, England. Stowage and launching of ships' lifeboats. 1,465,639; Aug. 21.

Graham, John, Chester, Pa. Gauge. 1,466,043; Aug. 28.

Graham, John M. (See Brooks, Harry J. W., assignor.)

Graham, John S., U. S. Navy. Vehicle signal. 1,458,819; June 12.

Graham, John W., et al. (See Gilmore, Benjamin V., assignor.)

Graham, Joseph F., Tunnelton, W. Va. Pet cock. 1,467,932; Sept. 11.

Graham, Joseph F., Brooklyn, N. Y. Pyjamas. 1,470,356; Oct. 9.

Graham, Leslie B., Chicago, Ill. Oil pipe line. 1,445,880; Feb. 20.

Graham, Leslie B., East Chicago, Ind. Condenser for boiler-washing systems. 1,458,697; June 12.

Graham, Leslie B., East Chicago, Ind., assignor to Graham-Wittenborn Corporation, Chicago, Ill. Spring motor. 1,465,663; Aug. 21.

Graham, Leslie B., East Chicago, Ind., assignor to National Boiler Washing Co., Chicago, Ill. Oil-service standpipe. 1,472,413; Oct. 30.

Graham, Lillian, Philadelphia, Pa. Scouring device. 1,459,152; June 19.

Graham, Louis A., Chicago, Ill. Permutation illuminated sign. 1,456,982; May 29.

Graham, Louis S., J. W. Roberts, and S. Wood, Washington, D. C. Means employed in totalizing data. 1,442,266; Jan. 16.

Graham, Margaret, executrix. (See Graham, Henry W. B.)

Graham, Robert C., Washington, Ind., assignor to The Graham Glass Company, Evansville, Ind. Bottle. Des. 63,365; Nov. 27.

Graham, Sidney W. (See Devlin, W. F. C., and Graham.)

Graham, Thomas de L., assignor of one-third to F. M. Cleveland, Philadelphia, Pa. Automobile headlight and reflector. 1,462,036; July 17.

Graham, Thomas W., Blue Mountain, Miss. Hame tug. 1,456,020; May 22.

Graham, Ulysses G. (See Lorig, E. V., and Graham.)

Graham, Walton C., Denver, Colo. Diffusing apparatus. 1,467,849; Sept. 11.

Graham, Walton C., and J. F. Rasmussen, Denver, Colo. Method and means for making show cards and the like. 1,472,973; Nov. 6.

Alphabetical list of patentees—Continued.

Graham, William E., Louisville, Ky. Metal-bending device. 1,440,982; Jan. 2.
Graham, William S., and J. L. Hipple, Canton, assignors, by mesne assignments, to F. Gerlach and A. B. Keller, trustees, Chicago, Ill. Multiple-gang power-lift plow. 1,446,118; Feb. 20.
Graham-Wittenborn Corporation. (See Graham, Leslie B., assignor.)
Grahek, John, Chisholm, Minn. Mechanical puller. 1,478,648; Dec. 25.
Gralenski, Michael, Amherst, Mass. Resilient wheel. 1,440,915; Jan. 2.
Grammer, Allen L., Philadelphia, Pa. Preventing offset in printing. 1,445,273; Feb. 13.
Grammer, Allen L., Philadelphia, Pa. Attachment for printing presses. 1,449,668; Mar. 27.
Gramowski, Anthony, St. Joseph, Mo. Chimney and pipe cleaner. 1,464,249; Aug. 7.
Granat, Abraham, New York, N. Y. Automobile tire. 1,443,258; Jan. 23.
Granberg, Albert J., assignor to The Granberg Meter Company, San Francisco, Calif. Liquid meter. 1,460,715; July 3.
Granberg Meter Company, The. (See Granberg, Albert J., assignor.)
Grancell, Bertha J., Philadelphia, Pa. Folding umbrella. 1,441,848; Jan. 9.
Grand Lake Company, The. (See McGrath, Charles B., assignor.)
Grand Rapids Chair Company. (See Berg, Hans, assignor.)
Grand Specialties Company. (See Sasgen, Michael J., assignor.)
Grande, Nicholas, New York, N. Y. Milk-bottle receptacle. 1,450,772; Apr. 3.
Grandjean, Marc, Paris, France. Paper holder for stenographic and like machines. 1,468,703; Sept. 25.
Grandjean, Sidney G., and J. J. Darcey, Braithwaite, La. Illuminated automobile signal. 1,458,336; June 12.
Grandle, James W., Pierre, S. Dak. Miter gauge. 1,442,265; Jan. 16.
Granger, John W., Philadelphia, Pa. Needle. 1,441,575; Jan. 9.
Granichstadten, Albert, and E. Sittig, Vienna, Austria. Nickeliferous catalyzers and manufacturing the same. 1,450,174; Apr. 8.
Granier, George W., Richmond Hill, N. Y. Quoin lock. 1,447,545; Mar. 6.
Grannan, Thomas W. and W. D., Loogootee, Ind. Internal-combustion engine. 1,451,389; Apr. 10.
Grannon, William D. (See Grannon, Thomas W. and W. D.)
Grant, Albert E., New York, N. Y. Oil burner. 1,453,834; May 1.
Grant, Albert E., New York, N. Y., assignor to Caloroil Burner Corporation. Process and apparatus for mixing and burning oil. 1,462,464; July 17.
Grant, Edwin S., Chicago, Ill. Trousers support. 1,447,131; Feb. 27.
Grant, Frank, Westfield, Mass. Jack. 1,470,830; Oct. 16.
Grant, Frank, Westfield, Mass. Holder for shaving-soap sticks. 1,473,760; Nov. 13.
Grant, Frank, Westfield, Mass. Shaving-soap-stick holder. 1,476,965; Dec. 11.
Grant, Fred C., Sangerville, Me. Hard grease cup. 1,450,773; Apr. 3.
Grant, Harry C., Bayonne, N. J. Universal joint for shafts. 1,462,276; July 17.
Grant, Helen M. W., administratrix. (See Grant, William W.)
Grant, Hugo B., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Liquid-elevating device for motor-vehicle engines. 1,451,158; Apr. 10.
Grant, Hugo B., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Fuel-elevating device. 1,473,761; Nov. 13.
Grant, John C., Barnes, London, England. Elevating liquids. 1,454,377; May 8.
Grant, Perry M. (See Holmes, Garnet B., assignor.)
Grant, Roswell D. (See Dake, C. W., and Grant.)
Grant, William M., Stonington, Colo. Egg turner. 1,445,582; Feb. 13.
Grant, William W., deceased, Brooklyn, N. Y.; H. M. W. Grant, administratrix. Fuel-mixture heating and vaporizing device. 1,463,133; July 24.
Grant, William W., deceased, Brooklyn, N. Y.; H. M. W. Grant, administratrix. Fuel-mixture heating and vaporizing device. 1,474,359; Nov. 20.
Grantland, John W., Cincinnati, Ohio. Ejector. 1,440,595; Jan. 2.
Granzow, Carl A. (See Mueller, J. G., and Granzow.)
Granzow, Charles F., jr., Detroit, Mich. Garage-door holder. 1,458,289; June 12.
Granzow, Henry M. (See Mueller, J. G., and Granzow.)
Grapho-Metal Packing Company. (See Ostrander, James, assignor.)
Grapperhaus, Frederick W., Chicago, Ill. Flue structure. 1,468,016; Sept. 18.
Grasberger, Lawrence B. (See Keenan, John F., assignor.)
Grasberger, Lawrence B., Richmond, Va. Feeding attachment. 1,443,988; Feb. 6.
Grasberger, Lawrence B., Richmond, Va. Feeding attachment. 1,448,270; Mar. 13.
Grasberger, Lawrence B., Richmond, Va. Paper-roll holder. 1,449,037; Mar. 20.
Graser, Harry. (See Jackson, John C., assignor.)
Graser, Thomas T., assignor to Sure-Cut Sharpener Co., Inc., Syracuse, N. Y. Knife sharpener. 1,477,820; Dec. 18.
Grasett, Colin S., and A. T. Clark, Toronto, Ontario, Canada. Advertising medium. 1,440,916; Jan. 2.
Grasnick, Louis W., New York, N. Y. Suspenders. 1,471,121; Oct. 16.
Grasselli Chemical Company, The. (See Drefahl, L. C., and Carson, assignors.)
Grasselli Chemical Company, The. (See Drefahl, L. C., and Sakryd, assignors.)
Grasselli Chemical Company, The. (See Haggenmacher, John E., assignor.)
Grasselli Chemical Company, The. (See Howard, Henry, assignor.)
Grasselli Chemical Company. (See Howard, H., and Alvord, assignors.)
Grasselli Chemical Company, The. (See Taylor, Edward A., assignor.)
Grasselli Chemical Company, The. (See Wallach, Roger N., assignor.)
Grasselli Powder Company, The. (See Bashford, Raymond I., assignor.)
Grassfield, John S., Paris, Iowa. Tire tool. 1,448,211; Mar. 13.
Grassier, Annie. (See Stone, Charles S., assignor.)
Grassman, Edward C., Newark, N. J., assignor to H. C. Schick, Inc. Safety clasp for jewelry. 1,456,305; May 22.
Grasso, Alfio, Omaha, Nebr. Gasoline stove. 1,466,396; Aug. 28.
Gratt, Emil, assignor to Oscar C., Wertheimer, Watertown, Wis. Vehicle tire. 1,470,726; Oct. 16.
Gratton, Leo B. (See Starbird, Robert H., assignor.)
Grau, Henry W., Long Green, Md. Portable drill attachment. 1,477,439; Dec. 11.
Graul, Walter L., and R. H. Towler, Detroit, Mich. Discharging platform for coke ovens. 1,458,576; June 12.
Graul, William F., Northampton, Mass., assignor to F. B. Look, E. MacLeod, W. Cordes, and G. H. Burr, trustees, doing business as Florence Manufacturing Company. Making brushes. 1,472,165; Oct. 30.
Grauman, Leon, Denver, Colo. Lid brace. 1,455,876; May 22.
Graupe, William, assignor to Hospital Supply Company and Watters Laboratories, Consolidated, New York, N. Y. Adjustable knee support. 1,458,933; June 19.
Gravel, Abundius, assignor to The Willys-Overland Company, Toledo, Ohio. Body construction for motor vehicles. 1,478,387; Dec. 25.
Gravel, David, assignor to The Standard-Coosa-Thatcher Company, Chattanooga, Tenn. Yarn clearer. 1,475,814; Nov. 27.
Gravel, Pamphile, Port Alfred, Quebec, Canada. Oar. 1,449,989; Mar. 27.
Gravell, James H., Elkins Park, Pa. Leakproof liquid container. 1,452,039; Apr. 17.
Gravell, James H., Elkins Park, Pa., assignor to Thomson Electric Welding Company, Boston, Mass. Condensing welding circuit. 1,462,572; July 24.
Gravell, James H., Elkins Park, Pa., assignor to Thomson Electric Welding Company, Boston, Mass. Chain-link welding. 1,470,160; Oct. 9.
Gravely, George D. (See Downie, C. E., and Gravely.)
Gravely, Julian S., Wytheville, Va., assignor to Winchester Repeating Arms Co., New Haven, Conn. Paper shot shell. 1,452,040; Apr. 17.
Gravely, Julian S., Wytheville, Va., assignor to Winchester Repeating Arms Co., New Haven, Conn. Removing rust from metal articles. 1,459,910; June 26.
Graves, Benjamin F., Rohersville, Md. Draft hitch. 1,441,223; Jan. 9.
Graves, Benjamin P., assignor to Brown & Sharpe Mfg. Co., Providence, R. I. Adjustable support for workholders. 1,474,525; Nov. 20.
Graves, Charles N., assignor to The Graves Tool Co., Inc., Shreveport, La. Spring compressor. 1,472,752; Oct. 30.
Graves, Clarence E., Hammond, Ind. Flash-light holder for bicycles. 1,449,509; Mar. 27.
Graves, Eugene, et al. (See Abbott, G. F., and Sands, assignors.)
Graves, Forrest G., McCook, Nebr. Skate sharpener. 1,468,347; Sept. 18.
Graves, John, assignor to French Battery & Carbon Company, Madison, Wis. Carbon inserter for battery-core-making machines. 1,446,041; Feb. 20.
Graves, John, assignor to French Battery & Carbon Company, Madison, Wis. Ejecting mechanism for battery-core-making machines. 1,453,869; May 1.
Graves, John N., Oklahoma, Okla. Ice-cream packer or shipping receptacle. 1,473,226; Nov. 6.
Graves, Rebecca, Spokane, Wash. Bath support. 1,454,112; May 8.
Graves, Scott S., San Diego, Calif. Current motor. 1,442,938; Jan. 23.

Graves Tool Co., The. (See Graves, Charles N., assignor.)
Graves, Victor E. (See Marquis, J. A., and Graves.)
Graves, Walter S. (See Steiner, F. M., and Graves.)
Graves, William C., Chicago, Ill. Lock. 1,446,252; Feb. 20.
Graves, William P., South Pittsburg, Tenn. Porch-swing hanger. 1,448,271; Mar. 13.
Graves, William W., North Dighton, Mass. Razor strop. 1,443,259; Jan. 23.
Graveure, Louis, New York, N. Y. Casing for smoking pipes. No. 1,462,277; July 17.
Gravity Dump Manufacturing Company, The. (See McCullough, E. D., and Butcher, assignors.)
Gravolet, Joseph D., and A. Ansardi, Phoenix, La. Animal trap. 1,459,661; June 19.
Gray, Alanson M., Elizabeth, N. J., assignor to The M. W. Kellogg Company, New York, N. Y. Filter press. 1,459,911; June 26.
Gray, Arthur D. (See Smith, A. E., and Gray.)
Gray, Benjamin H. (See Rawlings, H. S., Gray, Call, and Peck.)
Gray, Carl C., Minneapolis, Minn. Mud hook. 1,444,182; Feb. 6.
Gray, Carlton R. (See Van Nattan, V. V., and Gray.)
Gray, Charles B., Philadelphia, Pa. Power-transmitting mechanism. 1,469,143; Sept. 25.
Gray, Charles B., Philadelphia, Pa. Machine for cutting sheet-form material. 1,476,246; Dec. 4.
Gray, Charles F., Sierra Madre, Calif., assignor to The Singer Manufacturing Company. Strap-forming device for sewing machines. 1,463,262; July 31.
Gray, Charles P., West Chester, Pa. Device for making spiral wire fasteners. 1,446,343; Feb. 20.
Gray, D. Webb., assignor of one-half to W. T. Louder, Los Angeles, Calif. Printing frame. 1,478,217; Dec. 18.
Gray, Dorothy, New York, N. Y. Massage instrument. 1,478,388; Dec. 25.
Gray, Edward, St. Louis, Mo. System of cleaning furnaces. 1,465,711; Aug. 21.
Gray, Edward B. (See Smith, R. A., and Gray.)
Gray, Everett E., assignor to S. P. Bloomfield, Los Angeles, Calif. Cabinet. Des. 62,817; Aug. 7.
Gray, Forest L., Kenmore, Ohio. Hair clipper. Re15,660; July 24.
Gray, Frances, Wilkinsburg, Pa. Typewriter attachment. 1,463,080; July 24.
Gray, Frank O., Harvard, Ill. Automobile direction indicator. 1,478,007; Dec. 18.
Gray, G. A., Company, The. (See Cardullo, Forrest E., assignor.)
Gray, Garold C. J. (See McCracken, E., and Gray.)
Gray, George A. (See Johnson, P., and Gray.)
Gray, George E., Compton, Calif. Apparatus and process for condensing casing-head gas and the like. 1,470,116; Oct. 9.
Gray, George F., Mahwah, N. J. Battery-box fastener. 1,450,034; Mar. 27.
Gray, H. L., et al. (See Bumbaugh, Clyde C., assignor.)
Gray, Harley E. (See Baxter, R. C., Galloway, and Gray.)
Gray, Harold. (See Winkelmann, H. A., and Gray.)
Gray, Hiram C., Bucyrus, Ohio. Sash fastener. 1,452,598; Apr. 24.
Gray, James G., Glasgow, Scotland. Gyroscopic apparatus. 1,442,799; Jan. 23.
Gray, James H., New York, N. Y. Slag pocket and removing slag. 1,445,679; Feb. 20.
Gray, James H., Cleveland, Ohio. Sadiron. 1,445,833; Feb. 20.
Gray, John. (See Cody, M. T., Gray, and Forbes.)
Gray, John L., Elizabeth, N. J. Distilling and cracking petroleum. 1,474,147; Nov. 13.
Gray, John R., Goose Creek, assignor of one-half to E. Leach, Bexar County, Tex. Pipe tongs. 1,470,161; Oct. 9.
Gray, Joseph M., assignor of one-third to J. M. Robertson and one-third to M. P. Pferrer, Brownstown, Ind. End gate. 1,450,364; Apr. 3.
Gray, Joseph M., assignor of one-third to J. M. Robertson and one-third to M. P. Pferrer, Brownstown, Ind. End-gate latch. 1,450,365; Apr. 8.
Gray, Leo M., and M. H. Terpening, Fulton, N. Y. Baling-press follower block. 1,458,758; June 12.
Gray, Malcolm E., assignor to Rochester Can Company, Rochester, N. Y. Pail. Des. 62,233; Apr. 24.
Gray, Percy W., assignor to Vickers Limited, Westminster, London, England. Apparatus for use in the laying or sighting of ordnance. 1,453,104; Apr. 24.
Gray, Peter & Sons Inc. (See Willmott, Herbert J., assignor.)
Gray, Robert D., New York, N. Y. Photo-enlarging machine. 1,463,689; July 31.
Gray, Sim A., Chattanooga, Tenn. Auxiliary automobile seat. 1,448,841; Mar. 20.
Gray, Thomas, et al. (See Sumner, George W., assignor.)
Gray, Thomas L., Alameda, Calif. Pneumatic hammer. 1,443,532; Jan. 30.
Gray, Wallace M., Cincinnati, Ohio. Locomotive water column. 1,462,184; July 17.
Gray, Walter E. (See Bath, J., and Gray.)
Gray William, Lancaster, Ohio. Glass-drawing apparatus. 1,449,038; Mar. 20.
Gray, William, Lancaster, assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Glass-drawing apparatus. 1,450,590; Apr. 3.
Gray, William E., Chicago, Ill. Lemon squeezer. 1,446,558; Feb. 27.
Gray, William E., Chicago, Ill. Lemon squeezer. 1,452,270; Apr. 17.
Gray, William E., assignor to Moore Electric Corporation, Chicago, Ill. Hair clipper. 1,442,800; Jan. 23.
Gray, William E., assignor to Moore Electric Corporation, Chicago, Ill. Hair clipper. 1,446,559; Feb. 27.
Graybill, Henry C., Altoona, Pa. Antiskid device. 1,467,579; Sept. 11.
Graydon, Alexander, Berkeley, Calif. Washing machine. 1,466,397; Aug. 28.
Graydon, Andrew, Los Angeles, Calif. Garment clasp. 1,446,344; Feb. 20.
Grayson, J. H., Manufacturing Company, The. (See Grayson, John H., assignor.)
Grayson, James H., Kansas City, Mo. Window screen. 1,468,232; Sept. 18.
Grayson, John H., Athens, Ohio. Burner tip. 1,463,263; July 31.
Grayson, John H., assignor to The J. H. Grayson Manufacturing Company, Athens, Ohio. Gas heater. Des. 61,839; Jan. 23.
Grayson, John H., assignor to The J. H. Grayson Manufacturing Company, Athens, Ohio. Gas heater. Des. 62,088; Mar. 13.
Grayson, John H., assignor to The J. H. Grayson Manufacturing Company, Athens, Ohio. Gas heater. 1,469,509; Oct. 2.
Grayson, John H., assignor to The J. H. Grayson Manufacturing Company, Athens, Ohio. Gas heater. Des. 63,398; Dec. 4.
Grayson, John R., Kakabeka Falls, Ontario, Canada. Automatic wheeled scraper. 1,463,690; July 31.
Grayson, Pauline, New York, N. Y. Spat for women's wear. 1,441,849; Jan. 9.
Greasley, Harry M., Corry, Pa. Attachment for tractors. 1,462,451; July 17.
Great Falls Automatic Shell Company. (See Kaiser, Christian, assignor.)
Great Northern Paper Company. (See Walker, George K., assignor.)
Great Western Electric Company. (See Rogers, Clarence J., assignor.)
Great Western Meter Co. (See Lyman, Ray J., assignor.)
Greater Detroit Rexall Club. (See Sesser, Willy G., assignor.)
Greaves, Alfred J., Peckham Rye, London, England. Receptacle for mustard and other condiments. 1,455,333; May 15.
Greaves, Alfred J., Peckham, London, England. Device for facilitating the carving of meat, poultry, and the like. 1,471,122; Oct. 16.
Greco, Anthony, San Jose, Calif. Treating fruit to be dried. 1,472,974; Nov. 6.
Greco, Francesco, Taranto, Italy. Refractory brickwork for water-tube boilers. 7,446,744; Feb. 27.
Greco, Gaetano, and K. G. Wolff, Newark, N. J. Crystal detector. 1,454,997; May 15.
Greegor, Ralph H., assignor to The Kinnear Manufacturing Company, Columbus, Ohio. Movable door post and latching means therefor. 1,476,297; Dec. 4.
Green, A. P., Fire Brick Company. (See Liptak, Michael, assignor.)
Green, Andrew H., assignor to Green Gauge Company, Chicago, Ill. Weighing machine. 1,442,399; Jan. 16.
Green, Andrew H., assignor to Green Gauge Company, Chicago, Ill. Calibrating weighing tanks. 1,442,400; Jan. 16.
Green, Andrew W., Toronto, Ontario, Canada. Floor-finishing apparatus. 1,447,382; Mar. 6.
Green, Arthur H. (See Teves, Frederick W., assignor.)
Green, Celia. (See Green, Jack, assignor.)
Green, Charles, assignor of one-fourth to E. F. Richman and one-fourth to C. J. Richman, Muscatine, Iowa. Hammer. 1,450,849; Apr. 3.
Green, Charles A., and H. F. Schuh, assignors to The C. F. Pease Company, Chicago, Ill. Drawing instrument. 1,466,712; Sept. 4.
Green, Charles F., Defiance, assignor to Industrial Research Corporation, Toledo, Ohio. Seat spring. 1,452,041; Apr. 17.
Green, Charles F., assignor to The Willys-Overland Co., Toledo, Ohio. Storm shield. 1,454,585; May 8.
Green, Charles F., Defiance, assignor to Industrial Research Corporation, Toledo, Ohio. Seat spring. 1,457,658; June 5.
Green, Collingwood, Bolton, England. Wheel for road vehicles. 1,472,593; Oct. 30.
Green, Collingwood, Bolton, England. Wheel for road vehicles. 1,472,594; Oct. 30.
Green, Daniel F., Portland, and J. F. Stedman, Tigard, Oreg.; said Green assignor to said Stedman. Band-saw. 1,468,381; Sept. 18.
Green, David H., San Francisco, Calif. Corn file. 1,473,933; Nov. 13.
Green, Edward G., assignor to Larkin Co., Inc., Buffalo, N. Y. Cabinet. 1,443,622; Jan. 30.

Green Engineering Company. (See Poppenhusen, Herman A., assignor.)
Green Engineering Company. (See Poppenhusen, H. A., and Strong, assignors.)
Green Engineering Company. (See Strong, Arthur P., assignor.)
Green Gauge Company. (See Green, Andrew H., assignor.)
Green, George W. (See Wylie, W. J., and Cooper, assignors.)
Green & Green Company, The. (See Green, Weston, assignor.)
Green, Harold, Yonkers, N. Y., and W. M. Lyman, assignors to Revolvator Company, Jersey City, N. J. Truck. 1,468,469; Sept. 18.
Green, Herbert R., New Britain, Conn. Gas mixer. 1,446,086; Feb. 20.
Green, Jack, assignor to C. Green, Brooklyn, N. Y. Holder for glasses and the like. 1,464,652; Aug. 14.
Green, James A., assignor to Turner & Seymour Manufacturing Company, Torrington, Conn. Egg beater. 1,475,767; Nov. 27.
Green, John W., Columbus, Ohio. Fuel saver. 1,462,503; July 24.
Green, Joshua, Hove, England. Gramophone. 1,470,831; Oct. 16.
Green, Leslie P., Chicago, Ill. Excavator. 1,448,212; Mar. 13.
Green, Lewis A., Philadelphia, Pa. Auto jack and lock. 1,450,074; Mar. 27.
Green, Louis, Howrah, Calcutta, British India. Rail support and fastening. 1,466,997; Sept. 4.
Green, Louis, Howrah, Calcutta, British India. Rail support and fastening. 1,466,998; Sept. 4.
Green, Max, Portland, Oreg. Trunk hose of bathing suits. 1,476,247; Dec. 4.
Green, Max, Portland, Oreg. Bathing suit. 1,476,248; Dec. 4.
Green, Morris, Southbridge, Mass. Antiskid device. 1,468,382; Sept. 18.
Green, Nathaniel R., Sioux City, Iowa. Bank protective device. 1,477,701; Dec. 18.
Green, Newton B. (See Capstaff, J. G., and Green.)
Green, Samuel G., U. S. Army, assignor to United States Ordnance Company, Washington, D. C. Attachment for gas-operated guns. 1,445,583; Feb. 13.
Greene, Samuel L., Waterbury, Conn. Vehicle wheel. 1,477,948; Dec. 18.
Green, Stephen D., Gilman, Iowa. Air-supply-control device. 1,447,415; Mar. 6.
Green, Walter H., Chicago, Ill. Base-exchange material and preparing same. 1,477,753; Dec. 18.
Green, Walter H., assignor to International Filter Co., Chicago, Ill. Filter. 1,475,577; Nov. 27.
Green, Warren T., St. Louis, Mo., assignor to The Mengel Company, Louisville, Ky. Toy vehicle. 1,470,441; Oct. 9.
Green, Weston, assignor to The Green & Green Company, Dayton, Ohio. System for selling and packing food products. 1,454,888; May 15.
Green, Weston, assignor to The Green & Green Company, Dayton, Ohio. Making a food product. 1,473,289; Nov. 6.
Green, William A., assignor to S. J. Moore, Toronto, Ontario, Canada. Paper-dish blank. 1,476,298; Dec. 4.
Green, William F., Houston, Tex. Coupling yoke. 1,450,591; Apr. 3.
Green, William H., assignor to The Remiller Co., New York, N. Y. Face-powder box. Des. 62,987; Sept. 4.
Green, William R., Downers Grove, Ill. Measuring instrument. 1,451,572; Apr. 10.
Greenawalt, William E., Denver, Colo. Electrolytic apparatus. 1,444,787; Feb. 13.
Greenawalt, William E., Denver, Colo. Metallurgical proces. 1,468,806; Sept. 25.
Greenawalt, William E., Denver, Colo. Apparatus for treating liquids with gases. 1,471,332; Oct. 23.
Greenbaum, Fannie. (See Greenbaum, Harry M., assignor.)
Greenbaum, Harry M., assignor to F. Greenbaum, Cleveland, Ohio. Pocket coin holder. 1,470,357; Oct. 9.
Greenbaum, Harry M., assignor to F. Greenbaum, Cleveland, Ohio. Pocket coin holder. 1,470,358; Oct. 9.
Greenbaum, Henry L. (See Simon, Leo, assignor.)
Greenberg, Geza, New York, N. Y., and W. A. Winter, East Orange, N. J. Urethroscope. 1,453,975; May 1.
Greenberg, Hyman L., Portland, Me. Skirt belt. 1,445,274; Feb. 13.
Greenberg, James O., New York, N. Y. Pleasure railway. 1,474,962; Nov. 20.
Greenberg, Leon S., Newark, N. J. Molding flask. 1,472,975; Nov. 6.
Greenbrier, Harry W., Newark, N. J., assignor, by mesne assignments, to The Greist Manufacturing Company. Safety razor. 1,474,471; Nov. 20.
Greenburg, Andrew. (See Greenburg, Rudolph P. and A.)
Greenburg, Meyer, Kearney, N. J. Shaving-brush holder. Des. 62,166; Apr. 3.
Greenburg, Rudolph P. and A., Glastonbury, Conn. Guard for oil ranges. 1,459,624; June 19.
Greene, Albert E. (See Bergstrom, A., and Greene.)
Greene, Albert E., Seattle, Wash. Electric iron process. 1,449,094; Mar. 20.
Greene, Albert E., Seattle, Wash. Melting and deoxidizing steel. 1,449,319; Mar. 20.
Greene, Albert E., Seattle, Wash. Electric induction furnace. 1,455,748; May 15.
Greene, Albert E., Seattle, Wash., and W. B. Runyan, Dayton, Ohio. Electric process of continuously heating metal. 1,455,747; May 15.
Greene, Alonzo M., New London, Conn. Wheeled vehicle known as scooter. 1,472,216; Oct. 30.
Greene, Ambrose E., Corning, Calif. Rotary engine. 1,456,232; May 22.
Greene, Edward J., Toledo, Ohio. Serve-self motor store. 1,473,850; Nov. 13.
Greene, Frederick J., assignor to Greene Mfg. Co., Racine, Wis. Locking bar. 1,462,278; July 17.
Greene, Grover C., T. O. Tune, and R. E. Stamps, Nashville, Tenn. Self-serving store. 1,450,803; Apr. 3.
Greene, Gustave F., South Manchester, Conn. Apron. 1,451,095; Apr. 10.
Greene, Ida, assignor of one-half to E. Albertson, Darlington, Wis. Culinary article. 1,468,564; Sept. 18.
Greene, John S., Rochester, N. Y., assignor to Commercial Camera Company, Providence, R. I. Photographic dark room. 1,451,159; Apr. 10.
Greene, John S., Rochester, N. Y., assignor to Photostat Corporation, Providence, R. I. Film-roll box. 1,471,728; Oct. 23.
Greene, Joseph A., et al. (See Dubuc, A., and Carricaburu, assignors.)
Greene, Joseph S., Reeves, La. Eyeglass. Des. 61,826; Jan. 23.
Greene, Mary B., New Orleans, La. Making artificial flowers. 1,470,969; Oct. 16.
Greene Mfg. Co. (See Greene, Frederick J., assignor.)
Greene, Morgan A., Salina, Kans. Trousers supporter. 1,465,903; Aug. 21.
Greene Process Metal Company. (See Bergstrom, A., and Greene, assignors.)
Greene, Robert A. (See Chadwick, H. A., and Greene.)
Greene, Stanley K. (See Young, William R., assignor.)
Greenfield, Benjamin, Bartlesville, Ohio, assignor, by mesne assignments, to Doherty Research Company, New York, N. Y. Fluid meter. 1,462,170; July 17.
Greenfield, Joseph W., and W. Waller, St. Paul, Minn. Ball-throwing toy. 1,452,459; Apr. 17.
Greenfield Tap and Die Corporation. (See Morgan, R. L., Griffith, and Churchill, assignors.)
Greenfield, William H., Lincoln, Nebr. Lock for door keys. 1,450,075; Mar. 27.
Greenhalgh, James. (See Davignon, E. A., Barry, and Greenhalgh.)
Greenham, Richard, San Francisco, Calif. Water heating and circulating device. 1,473,036; Nov. 6.
Greenheck, Anton. (See Greenheck, William and A.)
Greenheck, William and A., Lone Rock, Wis. Evener or draft equalizer. 1,475,486; Nov. 27.
Greening, Charles W. (See Greening, Clarence L. and C. W.)
Greening, Clarence L., and C. W., Breckenridge, Mich. Beet-topping mechanism. 1,462,907; July 24.
Greening, Clarence L. and C. W., Breckenridge, Mich. Beet harvester. 1,462,908; July 24.
Greening, Herald B., Hamilton, Ontario, Canada. Wire lathing. 1,464,706; Aug. 14.
Greenlaw, Frank L., Los Angeles, Calif. Hose reel. 1,460,897; July 3.
Greenleaf, Robert P. (See Billings, F., and Greenleaf.)
Greenleaf, Robert P., assignor to F. Billings, Cleveland, Ohio. Loading machine. 1,442,939; Jan. 23.
Greenleaf, Robert P., assignor to F. Billings, Cleveland, Ohio. Loading machine. 1,451,020; Apr. 10.
Greenleaf, Robert P., Cleveland, Ohio, assignor to F. Billings. Loading machine. 1,463,550; July 31.
Greenleaf, Robert P., assignor to F. Billings, Cleveland, Ohio. Loading machine. 1,473,227. Nov. 6.
Greenleaf, Robert P., assignor to F. Billings, Cleveland, Ohio. Loading machine. 1,477,754. Dec. 18.
Greenpoint Metallic Bed Co. (See Frank, Benjamin M., assignor.)
Greenpoint Metallic Bed Company. (See Lies, William, assignor.)
Greenslade, Louis M., Los Angeles, Calif. Spring-leaf spreader. 1,451,297; Apr. 10.
Greenstein, Leon, New York, N. Y. Fraud-prevention means for cigar boxes. 1,474,963; Nov. 20.
Greenstreet, Charles J., St. Louis, Mo., assignor to Gasolene Corporation. Removing carbon from metal pipes. 1,470,359; Oct. 9.
Greenstreet, Milfred L., and W. Day, Maplewood, assignors of one-third to M. B. Cornwall, St. Louis, Mo. Animal trap. 1,463,163; July 31.
Greenwald, Isidor, New York, assignor to Astorloid Manufacturing Co. Inc., Brooklyn, N. Y. Coil mounting for radio apparatus. 1,477,822; Dec. 18.
Greenway, Thomas H., Valley, Wash. Poison holder for rodents. 1,471,954; Oct. 23.
Greenwood, Edward, et al. (See Forsman, Andrew, assignor.)

Greenwood, George E., San Francisco, assignor of one-third to H. M. Woolley, jr., Alameda, and one-third to F. N. Vedder, San Francisco, Calif. Adjustable form clamp. 1,456,849; May 29.
Greenwood Levi H., et al., trustees. (See Lloyd, Marshall B., assignor.)
Greenwood, Oliver P., Billerica, assignor to Farrington Manufacturing Company, Jamaica Plain, Mass. Covered box and like article. 1,442,940; Jan. 23.
Greenwood, Rowland, assignor of one-half to Carr & Company, Limited, Carlisle, England. Apparatus for heating air. 1,449,598; Mar. 27.
Greenwood, Talma T., East Templeton, assignor to S. B. Condit, jr., Brookline, Mass. Retarding device for time-limit relays. 1,464,478; Aug. 7.
Greenwood, Wallace W., assignor to Norton Company, Worcester, Mass. Magnesia refractory. 1,461,444; July 10.
Greenwood, Wallace W., assignor to Norton Company, Worcester, Mass. Segmental abrasive wheel. 1,469,723; Oct. 2.
Greer, Benjamin J., Poynor, Tex. Wrench. 1,453,670; May 1.
Greer, Butler F., San Francisco, Calif. Book-form savings bank. 1,460,716; July 3.
Greer, J. Lawrence. (See Leeper, Isaac W., assignor.)
Greer, James B., Pittsburgh, Pa. Glass-banding machine. 1,473,762; Nov. 13.
Grefe, Hugo, Ludenscheidt, Germany. Profiling machine. 1,478,334; Dec. 18.
Greff, André E., assignor to J. A. Haurat, Paris, France. Key-lock mechanism. 1,440,459; Jan. 2.
Greger, George G., Detroit, Mich. Wheeled toy. Des. 62,202; Apr. 10.
Gregg, Alfred W., Chicago, assignor to Whiting Corporation, Harvey, Ill. Electric furnace. 1,453,347; May 1.
Gregg, Alfred W., Chicago, assignor to Whiting Corporation, Harvey, Ill. Electrode handler. 1,466,503; Aug. 28.
Gregg, Alfred W., Chicago, assignor to Whiting Corporation, Harvey, Ill. Electric melting furnace. 1,477,821; Dec. 18.
Gregg Company, The. (See Gregg, Otis T., assignor.)
Gregg, Otis T., assignor to The Gregg Company, Limited, Hackensack, N. J. Journal-box attachment. 1,449,174; Mar. 20.
Gregg, William H. (See Hachmann, Frederick, assignor.)
Gregoire, Hector A., Lowell, Mass. Velvet-pile-cutting knife. 1,442,334; Jan. 16.
Gregory, Adolph J., Denbigh, N. Dak. Button. 1,448,292; Mar. 13.
Gregory, Anthony T., Grove City, Pa. Micrometer gauge. 1,475,066; Nov. 20.
Gregory, Arthur, Hornsey, London, England. Machine for use in connection with the manufacture of corks and the like. 1,449,599; Mar. 27.
Gregory, Charles J. (See Froeschle, Waldemar W., assignor.)
Gregory, Edward D., Binghamton, N. Y. Door fastener. 1,444,028; Feb. 6.
Gregory, Eli E., Lewisport, Ky. Gun sight. 1,476,884; Dec. 11.
Gregory, George P., Boston, Mass. Liquid gauge. 1,448,842; Mar. 20.
Greig, Alexander, New York, N. Y. Hack-saw frame. 1,442,609; Jan. 16.
Greig, John W., Ivanhoe, Victoria, Australia. Vacuum-producing apparatus. 1,473,037; Nov. 6.
Greiman, George H., Garner, Iowa. Cleaning device for excavators. 1,449,223; Mar. 20.
Greiman, George H., Garner, Iowa. Cleaning scraper for excavators. 1,449,224; Mar. 20.
Greiner, Otto R., Pequannock, N. J. Gas torch. 1,471,123; Oct. 16.
Greiner, Walter J. (See Steffan, W. C., Ackermann, and Greiner.)
Greinert, Herman J., Buffalo, N. Y. Detonating toy. 1,446,560; Feb. 27.
Greisch, Nicholas, Milwaukee, Wis. Demountable-rim fastener. 1,459,204; June 19.
Greisser, Victor H., Spokane, Wash., assignor to General Electric Company. Dynamo-electric machine. 1,444,458; Feb. 6.
Greist, Edwards H., Chicago, Ill. Service flag, pennant, or similar emblem. Des. 61,827; Jan. 23.
Greist, Hubert M., New Haven, Conn. Lamp fixture. 1,473,424; Nov. 6.
Greist Manufacturing Company, The. (See Greenbrier, Harry W., assignor.)
Greist Manufacturing Company, The. (See Lent, Wilmar F., assignor.)
Grella, Larie, Brooklyn, N. Y. Vehicle fender. 1,453,273; May 1.
Gremaud, Auguste, and E. Vilain, Marseille, France. Stuff-compressing machine. 1,449,095; Mar. 20.
Grenda, Lorenz D., Chicago, Ill. Iron rest and cleaner. 1,455,484; May 15.
Grenier, Henry J., Fairfield, Conn. Cue-tip fastener. 1,452,420; Apr. 17.
Grenier, John O., Vancouver, British Columbia, Canada. Direction indicator for automobiles and other vehicles. 1,452,114; Apr. 1.
Greninger, Wilhelm F. D., Bridgeport, Conn. Metal tubular shade roller. 1,462,171; July 17.
Grentz, Andrew L., Van Nuys, Calif. Lamp stand. Des. 62,025; Mar. 6.
Grentz, Andrew L., Van Nuys, Calif. Lamp shade. Des. 62,484; June 12.
Grenzke, Otto C., Detroit, Mich. Bottle-washing machine. 1,462,598; July 24.
Gresley, Herbert N., Doncaster, assignor to The Leeds Forge Company Limited, Leeds, England. Railway and tramway vehicle. 1,459,977; June 26.
Gress, Calvin. (See Holtz, G., and Gress.)
Greszczuk, Joseph, Brooklyn, N. Y. Automobile tire. 1,453,224; Apr. 24.
Greth, August, Los Angeles, Calif. Windmill. 1,451,298; Apr. 10.
Greulich, Gerald G., Cleveland, Ohio. Floor tile and floor construction. 1,478,872; Dec. 25.
Greunke, William H. (See Richards, Alexander J., assignor.)
Greve, Herman L., New York N. Y. Cordage wrapper and package. 1,455,838; May 22.
Greve, Herman L., assignor to International Mailing Tube and Wrapper Company, Brooklyn, N. Y. Mailing wrapper. 1,473,576; Nov. 6.
Greve, Herman L., assignor to International Mailing Tube and Wrapper Company, Brooklyn, N. Y. Mailing wrapper. 1,473,577; Nov. 6.
Greve, Herman L., assignor to International Mailing Tube and Wrapper Company, Brooklyn, N. Y. Cordage wrapper. 1,473,578; Nov. 6.
Greve, Louis W., assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Blowgun. 1,447,546; Mar. 6.
Greve, Louis W., assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Pneumatic grease gun. 1,458,698; June 12.
Greve, Louis W., assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Forming metal articles. 1,458,699; June 12.
Greve, Louis W., assignor to The Champion Machine & Forging Company, Cleveland, Ohio. Making counterbalanced crank shafts. 1,476,811; Dec. 11.
Greve, Louis W., assignor to The Champion Machine & Forging Company, Cleveland, Ohio. Making counterbalanced crank shafts. 1,476,812; Dec. 11.
Grey, Charles M., East Orange, N. J. Casting die. 1,455,248; May 15.
Grey, Charles M., East Orange, N. J. Die-casting apparatus. 1,458,482; June 12.
Grgičević, Mijo, assignor of one-half to M. Markovich, Akron, Ohio. Head ornament. Des. 61,911; Feb. 6.
Grice, Arthur G., Maidenhead, assignor of one-half to G. & V. R. Limited, Maidenhead, Berks County, England. Motor vehicle. 1,449,816; Mar. 27.
Grid Flat Slab Corporation. (See Allbright, Edwin F., assignor.)
Grid-Iron-Grip Company. (See Slawson, Louis E., assignor.)
Grieb, Alfred, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Interlock for sewing machines. 1,441,679; Jan. 9.
Grieger, Edward, Philadelphia, Pa. Stop device for talking machines. 1,453,131; Apr. 24.
Grier Brothers Company. (See Jacobson, J. W., and Turja, assignors.)
Grier, Frederick A., jr., Salisbury, Md. Coupling device. 1,477,440; Dec. 11.
Grier, Robert, Hazleton, Pa. Lung protector. 1,474,710; Nov. 20.
Grier, Thomas J., West Palm Beach, Fla. Coupling. 1,458,337; June 12.
Gries, August L. (See Gries, Frederick W. and A. L.)
Gries, Frederick W. and A. L., Watervliet, N. Y. Accelerator. 1,475,111; Nov. 20.
Griesche, Gustav, Berkeley, Calif. Rock drill. 1,452,734; Apr. 24.
Griesemer, Abraham R., San Francisco, Calif. Hydraulic ejector. 1,459,153; June 19.
Griesemer, Adam, assignor to Simplex Steel Stamping & Manufacturing Company, St. Louis, Mo. Wheel. 1,458,759; June 12.
Grieshaber, Eugene, assignor of one-half to M. Scheckenbach. Ridgewood, N. Y. Swing. 1,458,049; June 5.
Griesser, Wilhelm, Pittsburgh, Pa. Ice-making apparatus. 1,449,225; Mar. 20.
Griesser, Wilhelm, Pittsburgh, Pa. Caisson. 1,465,664; Aug. 21.
Grieten, Frederick M., assignor of one-fourth to C. T. Anderson, Baltimore, Md. Fountain comb. 1,449,096; Mar. 20.
Grieve, Richard P., Detroit, Mich. Valve for internal-combustion engines. 1,471,955; Oct. 23.
Grieve, Robert, and J. W. Flading, Lansing, Mich. Punctureproof pneumatic tire. 1,453,348; May 1.
Grieves, Albert, Springfield, Ohio, assignor, by mesne assignments, to International Harvester Company. Hay-rake. 1,448,799; Mar. 20.
Griffin, Archibald W., Holland, assignor to The Electric Vaporizing Nozzle Company, Toledo, Ohio. Gasoline vaporizer. 1,446,087; Feb. 20.
Griffin, Edward M., Portland, Oreg. Orthodontist's locking device. 1,467,789; Sept. 11.

Griffin, Fred L., Bozeman, Mont. Combination stepladder and stool. 1,471,155; Oct. 16.
Griffin, George B., Springfield, Mass., assignor to Westinghouse Electric Products Company. Rotary toaster stove. 1,477,343; Dec. 11.
Griffin, Guy T., assignor to Consolidated Car-Heating Company, Albany, N. Y. Push-button switch. 1,476,506; Dec. 4.
Griffin, Harry F. (See Bennett, Joseph A., assignor.)
Griffin, Henry F. (See Ott, W. D., and Griffin.)
Griffin, Hugh A., Lindsay, Calif. Furnace for steam boilers for burning residual molasses. 1,454,586; May 8.
Griffin, Julius C. (See Hulsmann, A., and Griffin.)
Griffin, Patrick J., Dorchester, Mass. Pneumatic-tire wheel. 1,460,763; July 3.
Griffin, Peter T., Van Zandt, Wash. Register for pool tables. 1,456,795; May 29.
Griffin, Regina P., Grand Forks, N. Dak., assignor of one-half to G. S. Koffend, Minneapolis, Minn. Reversible cuff for shirts. 1,442,801; Jan. 23.
Griffin, Sidney S., assignor to Curtis Coaster Toy Co., Seattle, Wash. Sled. 1,459,528; June 19.
Griffin, Wilhelmine C., et al. (See Harris, Romaine R., assignor.)
Griffin, William G., Washington, D. C. Fuel economizer. 1,456,057; May 22.
Griffin, William G., Washington, D. C. Fuel economizer. 1,456,691; May 29.
Griffin, William L., Dallas, N. C. Automatic grade-crossing block. 1,458,051; June 5.
Griffith, Abner E., Duluth, Minn. Roller bearing. 1,454,785; May 8.
Griffith, Benjamin M., assignor to National Casket Company, Pittsburgh, Pa. Dipping machine. 1,455,585; May 15.
Griffith, Charles T., Mount Airy, assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Stocking form. 1,466,504; Aug. 28.
Griffith, David W., Mamaroneck, N. Y. Method and means for taking moving pictures. 1,476,885; Dec. 11.
Griffith, Evan J., Osage, Wyo. Oil burner. 1,447,467; Mar. 6.
Griffith, Fredrick H., Johnstown, Pa. Hair crimper and curler. 1,465,127; Aug. 14.
Griffith, Frederick P., J. Lindsay, and H. G. Geoghegan, Dublin, Ireland. Vehicle. 1,477,949; Dec. 18.
Griffith, Graves, San Francisco, Calif. Automobile transmission-case truss. 1,442,335; Jan. 16.
Griffith, Richard H., assignor to The Ohio Cultivator Company, Bellevue, Ohio. Disk harrow. 1,457,280; May 29.
Griffith, Richard H., assignor to The Ohio Cultivator Company, Bellevue, Ohio. Planter. 1,458,178; June 12.
Griffith, Richard H., assignor to The Ohio Cultivator Company, Bellevue, Ohio. Keyed shaft coupling. 1,458,820; June 12.
Griffith, Thomas H., Cincinnati, Ohio. Bed. 1,450,497; Apr. 3.
Griffith, Webster E. (See Meeker, Allen C., assignor.)
Griffith, William C., Merrill, Oreg. Means for connecting excavating scoops or shovels to tractors. 1,468,470; Sept. 18.
Griffith, Winifred S. (See Morgan, R. L., Griffith, and Churchill.)
Griffiths Bros. & Company. (See Britton, Reginald P. L., assignor.)
Griffiths, Charles E., Wellington, New Zealand. Film winder for film cameras. 1,444,682; Feb. 6.
Griffiths, Francis H., Springfield, and H. F. Benson, Holyoke, Mass. Liquid-pumping apparatus. 1,472,560; Oct. 30.
Griffiths, Frederick J., and D. N. A. Blacet, Massillon, Ohio. Steel manufacture. 1,471,655; Oct. 23.
Griffiths, Harry R., and S. G. Walker, Baltimore, Md. Railway brake. 1,455,137; May 15.
Griffiths, Richard T., assignor to The Miller Rubber Company, Akron, Ohio. Playing ball. Des. 61,805; Jan. 16.
Griffiths, Richard T., assignor to The Miller Rubber Company, Akron, Ohio. Playing ball. Des. 61,806; Jan. 16.
Griffiths, Richard T., assignor to The Miller Rubber Company, Akron, Ohio. Mold. 1,468,904; Sept. 25.
Griffiths, Richard T., assignor to The Miller Rubber Company, Akron, Ohio. Acid-proof container. 1,472,166; Oct. 30.
Griffiths, Thomas, Kensington, Liverpool, England. Pneumatic tire. 1,459,529; June 19.
Griffiths, William U., Llanwellyn, Pa. Valve-operating mechanism for flush tanks. 1,476,813; Dec. 11.
Grigas, Anthony, Worcester, Mass. Automobile fender. 1,442,401; Jan. 16.
Grigas, Joseph, Shenandoah, Pa. Delivery box. 1,455,877; May 22.
Grigg, George W., Portland, Oreg. Window-shade container. 1,461,390; July 10.
Grigg, Lilly S., Long Beach, Calif. Drainer for sinks. 1,450,629; Apr. 3.
Griggs, Arthur R., Bromley, England. Production of hydrogen. 1,466,619; Aug. 28.
Griggs, Victor R. (See Morton, William R., assignor.)
Grignon, Robert. (See Oberley, C. G., and Grignon.)
Grigsby, Bertram J., Chicago, Ill. Electric fuse. 1,462,489; July 24.
Grikscheit, William, Detroit, Mich., assignor of one-half to T. B. Mothersill, Windsor, Ontario, Canada. Valve fitting. 1,442,026; Jan. 9.
Griley, Theodore D., Baltimore, Ohio. Means for raising and lowering beater rolls. 1,471,480; Oct. 23.
Grilli, Angelo, Milwaukee, Wis. Screw propeller. 1,441,979; Jan. 9.
Grilli, Angelo, Milwaukee, Wis. Tire protector. 1,442,722; Jan. 16.
Grilli, Angelo, Milwaukee, Wis. Screw propeller. 1,454,542; May 8.
Grimes, George L., Detroit, Mich. Molding machine. 1,447,300; Mar. 6.
Grimes, George L., Detroit, Mich. Roll-over mechanism for molding machines. 1,447,301; Mar. 6.
Grimes, James H. V. (See Cockbill, F. C., and Grimes.)
Grimes, Thaddeus S., assignor to Lummus Cotton Gin Company, Columbus, Ga. Gear lock for cotton tramplers. 1,461,579; July 10.
Grimes, Thaddeus S., assignor to S. G. Simons, Columbus, Ga. Nut-cracking machine. 1,469,641; Oct. 2.
Grimes, William N., Aspinwall Borough, and J. Muenzmay, Pittsburgh, Pa. Educational toy. 1,475,112; Nov. 20.
Grimm, Frank, et al. (See Glamzo, Paul, assignor.)
Grimm, George E., assignor to The Willys-Overland Company, Toledo, Ohio. Windshield latch. 1,474,076; Nov. 13.
Grimm, Gerhardt E., New York, N. Y. Ornament for Christmas trees or the like. 1,472,520; Oct. 30.
Grimm, Jesse D., Watersville, Md. Anticreeper for railway rails. 1,441,080; Jan. 2.
Grimm, Morris. (See Bell, L. G., and Grimm.)
Grimme, Johannes, Godesberg-on-the-Rhine, Germany, assignor to Hermann Heinrich Böker & Co., Bonn, Germany. Wire stretcher. 1,472,167; Oct. 30.
Grimme, Natalis & Co., Kommandit-Gesellschaft auf Aktien. (See Schaller, Carl, assignor.)
Grimmer, Austin S., Brooklyn, N. Y. Bill holder. 1,470,918; Oct. 16.
Grimmer, Walter G., Detroit, Mich. Carton opener. 1,472,269; Oct. 30.
Grimoin-Sanson, Raoul A., Oissel, France. Waterproofing process for textile fabrics, paper, and such materials. 1,476,226; Dec. 4.
Grimont, Alfred, Venice, and H. G. Katt, Los Angeles, Calif. Tool. 1,447,947; Mar. 6.
Grimshaw, Ralph, and C. J. Weis, Clyde, Ohio. Height indicator for liquids. 1,458,338; June 12.
Grimshaw, William, Glenellyn, Ill. Making automatic sprinklers. 1,454,235; May 8.
Grimsrud, Emil, Antelope, Mont. Plow. 1,443,124; Jan. 23.
Grindle, Aubrey J., Chicago, Ill., assignor to Grindle Fuel Equipment Company. Powdered-coal apparatus. 1,457,521; June 5.
Grindle, Aubrey J., Chicago, Ill., assignor to Grindle Fuel Equipment Company. Powdered-coal apparatus. 1,457,522; June 5.
Grindle, Aubrey J., Chicago, assignor to Grindle Fuel Equipment Company, Harvey, Ill. Delivery tank for powdered material. 1,465,665; Aug. 21.
Grindle, Aubrey J., Chicago, assignor to Grindle Fuel Equipment Company, Harvey, Ill. Rotary drier. 1,477,823; Dec. 18.
Grindle, Aubrey J., Chicago, assignor to Grindle Fuel Equipment Company, Harvey, Ill. Powdered-material-firing apparatus. 1,477,824; Dec. 18.
Grindle Fuel Equipment Company. (See Grindle, Aubrey J., assignor.)
Grindrod, George, assignor to Carnation Milk Products Company, Oconomowoc, Wis. Emulsifying apparatus. 1,461,653; July 10.
Grinnell, Harold D., assignor to The G. C. A. Manufacturing Company, Pittsfield, Mass. Fuse-plug puller. 1,455,878; May 22.
Grinnell, Harold D., assignor to The G. C. A. Manufacturing Company, Pittsfield, Mass. Lamp-bulb installing and removing device. 1,463,466; July 31.
Grinnell, Harold D., assignor to The G. C. A. Manufacturing Company, Pittsfield, Mass. Lamp-bulb installing and removing device. 1,468,348; Sept. 18.
Grinnell, Harold D., assignor to The G. C. A. Manufacturing Company, Pittsfield, Mass. Clutch. 1,468,349; Sept. 18.
Grip, Martin A., Chippewa Falls, Wis. Changeable exhibitor. 1,450,850; Apr. 3.
Griscom, Alfred C. (See Wakelee, W. W., and Griscom.)
Griscom Russell Company, The. (See Jones, Russell C., assignor.)
Grissinger, Cloyd A., Mount Union, Pa. Orchestra-leader's picture reflector. 1,454,733; May 8.
Grissinger, Elwood, Buffalo, N. Y. Sound-projecting apparatus and method. 1,477,556; Dec. 18.
Grissinger, Elwood, assignor to L. A. Grissinger, Buffalo, N. Y. Method and means for amplifying and projecting sound. 1,477,553; Dec. 18.
Grissinger, Elwood, assignor to L. A. Grissinger, Buffalo, N. Y. Sound projector. 1,477,554; Dec. 18.
Grissinger, Elwood, assignor to L. A. Grissinger, Buffalo, N. Y. Sound-amplifying projector. 1,477,555; Dec. 18.
Grissinger, Lucy A. (See Grissinger, Elwood, assignor.)

Griswold, Albert A., Providence, R. I. Roll-roofing fastener. 1,471,156; Oct. 16.
Griswold, Albert A., Providence, R. I., assignor of one-half to J. F. Chevalier, Brookline, Mass. Flexible-shingle machine. 1,447,019; Feb. 27.
Griswold, Albert A., Providence, R. I., assignor of one-half to J. F. Chevalier, Brookline, Mass. Ridge or hip flexible shingle. 1,471,396; Oct. 23.
Griswold, Andrew E., Seattle, Wash. Switch. 1,460,542; July 3.
Griswold, Frank W., Rogers, Minn. Yielding self-arighting safety lamp post. 1,461,116; July 10.
Griswold, Frederick C., assignor to O. A. Griswold, Port Jefferson, N. Y. Film scraper. 1,464,264; Aug. 7.
Griswold, Frederick C., assignor to O. A. Griswold, Port Jefferson, N. Y. Film splicer. 1,464,265; Aug. 7.
Griswold, Harvey S., Pontiac, Mich. Toy vehicle. 1,441,918; Jan. 9.
Griswold, J. Louis. (See Lother, P. H., and Griswold.)
Griswold, Marius E., Burlington, Iowa. Automatic stop for phonographs. 1,460,543; July 3.
Griswold, Olive A. (See Griswold, Frederick C., assignor.)
Griswold, Thomas, jr. (See Dow, H. H., Griswold, and Barstow.)
Groat, Jules H. (See Lane, J. J., and Groat.)
Grobe, Walter W., Hamilton, Ohio. Thimble construction. 1,459,530; June 19.
Groby, Frederick W., River Edge, N. J. Accounting sheet. 1,461,757; July 17.
Groebli, Joseph A., New York, N. Y. Bead-sewing machine. 1,445,764; Feb. 20.
Groebli, Joseph A., New York, N. Y. Bead-sewing machine. 1,471,892; Oct. 23.
Groehn, Otto J., assignor to Clayton and Lambert Manufacturing Company, Detroit, Mich. Torch burner. 1,461,897; July 17.
Groene, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Milling-machine spindle. 1,442,659; Jan. 16.
Groene, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Taper attachment for lathes. 1,442,660; Jan. 16.
Groene, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Taper attachment for lathes. 1,442,661; Jan. 16.
Groene, William F., assignor, by mesne assignments, to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Combined clutch and brake device. 1,474,112; Nov. 13.
Groene, William F., assignor, by mesne assignments, to The R. K. Leblond Machine Tool Company, Cincinnati, Ohio. Combined power and hand operated feed mechanism. 1,477,480; Dec. 11.
Groff, Angus R., Birmingham, Ala. Front-fender brace. 1,470,970; Oct. 16.
Groff, Howard M. (See Buch, P. H., and Groff.)
Groff, James S., Newport, R. I. Electrolytic process. 1,464,506; Aug. 14.
Grogel, Alexander F. W., and B. H. Tingley, Norwood, assignors to The Dalton Adding Machine Company, Cincinnati, Ohio. Adding, calculating, and recording machine. 1,475,944; Dec. 4.
Groh, George, assignor of one-half to E. Bastian, St. Louis, Mo. Furnace structure. 1,466,160; Aug. 28.
Groh, Robert C., St. Paul, Minn. Stocking. Des. 62,904; Aug. 21.
Grohens, Albert P., Marshall, Mich. Grinding mill. 1,465,666; Aug. 21.
Grömer, Wolfgang, New York, N. Y. Elevator system. 1,458,881; June 12.
Grond, Julius E., New York, N. Y. Evaporative refrigerator. 1,475,113; Nov. 20.
Grondahl, Lars O., Pittsburgh, Pa. Focusing and directing headlights. 1,471,790; Oct. 23.
Grondona, John L., Oakland, Calif. Automobile sanding device. 1,446,897; Feb. 27.
Groner, Leo N., St. Thomas, Mo. Lace cutter. 1,450,498; Apr. 3.
Gronlund, Olaf A., Fargo, N. Dak. Guard for writing implements. 1,455,879; May 22.
Gronos, Arthur A., Pontiac, Mich. Self-locking shore. 1,460,375; July 3.
Gronsdahl, Martin, Congress, Saskatchewan, Canada. High chair. 1,452,911; Apr. 24.
Gronvold, Finger T. (See Moen, O. O., Gronvold, and Call.)
Grönwall, Eugen A. A., Stockholm, Sweden. Method and device for the heating of material in electric furnaces. 1,450,543; Apr. 3.
Gropper, Harry, New York, N. Y. Knitted fabric. 1,468,963; Sept. 25.
Groshell, Oscar E., Salt Lake City, Utah. Remote control for indicators. 1,442,064; Jan. 16.
Grosholz, George, Dayton, assignor of one-half to J. Reeves, Constance, Ky. Wheel puller. 1,441,224; Jan. 9.
Grosjean, James E., Lima, Ohio. Making vulcanized products. 1,470,442; Oct. 9.
Gross, Anton F., assignor to J. G. Batinovich, Aberdeen, Wash. Clutch-spring-compressing device for Chevrolet automobiles. 1,456,796; May 29.
Gross, Ben, Chicago, Ill. Finger ring. Des. 62,006; Feb. 27.
Gross, Benjamin, assignor to Benjamin Gross Company, Inc., New York, N. Y. Finger ring or article of similar nature. Des. 63,133; Oct. 16.
Gross, Benjamin, Company. (See Fiedler, Louis, assignor.)
Gross, Benjamin, Company. (See Gross, Benjamin, assignor.)
Gross, Charles W., and J. A. Leete, Napa, Calif. Elevator. 1,442,267; Jan. 16.
Gross, Ernest A., Lamoille, Minn. Armament for mail and express cars. 1,453,792; May 1.
Gross, Gilbert M., Eldorado Springs, Mo. Sterilizing container. 1,462,334; July 17.
Gross, Henry D., Kennett, Mo. Furnace stoker. 1,450,851; Apr. 3.
Gross, Hugo, Ridgewood, N. J. Electrical snap switch. 1,466,280; Aug. 28.
Gross, Kine, Wellman, Iowa. Refrigerator. 1,463,264; July 31.
Gross, Robert P., Los Angeles, Calif. Container for toilet articles. Des. 63,224; Nov. 6.
Gross, Seymour R. (See Wilson, Robert E. and R. E., assignors.)
Gross, Thomas A., Frederick, Okla. Apparatus for treating gasoline. 1,462,335; July 17.
Gross, William B., Oxnard, Calif. Clutch. 1,450,804; Apr. 3.
Grosse, Eduard, Wachwitz, near Dresden, Germany. Printing machine. 1,466,526; Aug. 28.
Grosse, Eduard, Wachwitz, near Dresden, Germany. Printing machine. 1,476,072; Dec. 4.
Grossenbacher, Ernest, Fajardo, P. R. Automatic regulator. 1,470,971; Oct. 16.
Grossenbacher, Henry E., Overland, Mo. Corn popper. 1,444,244; Feb. 6.
Grossheim, John G., Cincinnati, Ohio. Punching-bag suspension hanger. 1,444,542; Feb. 6.
Grossman, Philip W., Milwaukee, Wis. Gravity level. 1,449,669; Mar. 27.
Grossman, Samuel, New York, N. Y. Resilient wheel. 1,468,714; Sept. 25.
Grosvenor, John E., Corbett, and W. T. Picking, Kidderminster, England. Loom for weaving velvet pile carpets and other pile fabrics. 1,463,886; Aug. 7.
Grosvenor, William M. (See Lloyd, E. A., and Gershon, assignors.)
Grosvenor, William M. (See Miller, Isador, assignor.)
Grote, Ludwig, Tottenham, London, England. Burner of the injector type. 1,461,873; July 17.
Groten, Frank J., jr., assignor to The Connecticut Telephone & Electric Co., Inc., Meriden, Conn. Coil and condenser treatment. 1,455,199; May 15.
Groten, Frank J., jr., assignor to The Connecticut Telephone & Electric Co., Inc., Meriden, Conn. Insulating composition for electrical apparatus. 1,455,200; May 15.
Groth, Charles H., Rochester, Pa. Cooper's sun plane. 1,460,717; July 3.
Groth, Fred P. (See Kilmer, E. E., and Groth.)
Groth, William J., Los Angeles, Calif. Fireplace heater. 1,468,964; Sept. 25.
Grotnes, Charles G., Chicago, Ill. Expanding machine. 1,456,734; May 29.
Grotta, Bennett, Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Composition for detonators. 1,453,976; May 1.
Ground Coal Engineering Corporation. (See Arrowood, Milton W., assignor.)
Groundman, Augustus, New York, N. Y. Composite board. 1,440,674; Jan. 2.
Groundman, Augustus, New York, N. Y. Vegetable parer and slicer. 1,440,675; Jan. 2.
Groundman, Augustus, New York, N. Y. Wall and ceiling construction. 1,440,676; Jan. 2.
Groupe, Andrew V. (See Brenizer, Orson W., assignor.)
Grout, Anna B. (See Bixler, J. M., and Grout.)
Grove, Carl T., Great Falls, Mont. Plowdisk-sharpening machine. 1,457,159; May 29.
Grove, David, Aktien-Gesellschaft. (See Loss, Oskar, assignor.)
Grove, Edwin W. (See Carrier, Albert H., assignor.)
Grove, Edwin W. (See Killen, Frank M., assignor.)
Grove, Elias H. (See Jenness, Frank C., assignor.)
Grove, Frank H., Columbiana, Ohio. Collapsible core. 1,467,315; Sept. 11.
Grove, Thomas E., Dayton, Ohio. Surface-test indicator. 1,445,584; Feb. 13.
Grove, William C., Basic, Va. Medical compound. 1,455,485; May 15.
Grove, Winfield S., Manila, P. I. Method of and apparatus for decorticating fibrous stock. 1,458,700; June 12.
Groven, Frederick J., assignor to Ford Motor Company, Highland Park, Mich. Electrical heating unit. 1,463,951; Aug. 7.
Grover, Albert D., New York, N. Y. Bridge for musical stringed instruments. 1,447,174; Mar. 6.
Grover, Albert D., Long Island City, N. Y. Mute for stringed musical instruments. 1,454,923; May 15.

Grover, Albert D., New York, N. Y., assignor, by mesne assignments, to Auto-Sales Corporation. Coin-controlled vending machine. 1,442,941; Jan. 23.
Grover, Albert D., New York, N. Y., assignor, by mesne assignments, to Autosales Corporation. Coin-testing mechanism for coin-controlled machines. 1,457,699; June 5.
Grover, Albert D., New York, N. Y., assignor to Autosales Corporation. Coin-controlled mechanism for vending machines. 1,470,234; Oct. 9.
Grover, Albert D., New York, N. Y., and E. E. Barber, Boston, Mass., assignors, by mesne assignments, to Autosales Corporation. Vending machine. 1,459,504; June 19.
Grover, George, South Norwalk, assignor of one-half to J. Delohery, Danbury, Conn. Machine for scalding fur-napped bodies. 1,458,483; June 12.
Grover, Julia E., Lakewood, N. J. Composition of matter for cleaning crystal and glassware. 1,449,281; Mar. 20.
Groves, Earl C., Hobson, assignor of one-third to Waite Land and Livestock Company, Utica, and one-third to J. E. Lane, Lewiston, Mont. Rotary engine. 1,477,950; Dec. 18.
Groves, Guy G., assignor of one-fourth to H. Sayre, Wheeling, W. Va. Shoe-shining cabinet. 1,450,076; Mar. 27.
Groves, Thomas, St. Louis, Mo. Automobile signal. 1,465,301; Aug. 21.
Grubb, Howard, Dublin, Ireland. Vehicle headlight and the like. 1,448,439; Mar. 13.
Grubb, William B., Philadelphia, Pa. Lock. 1,452,503; Apr. 24.
Grubbs, Harry G., Pittsburgh, Pa. Flushing cuspidor. 1,475,945; Dec. 4.
Grube Auto & Tire Specialties Corp'n. (See Grube, John H., assignor.)
Grube, John H., Los Angeles, Calif., assignor to Grube Auto & Tire Specialties Corp'n, Phoenix, Ariz. Tube casing. 1,460,794; July 3.
Gruber, Edward A., Chicago, Ill. Tailor's rule. 1,456,547; May 29.
Gruber, Frank A., assignor to Wire Wheel Corporation of America, Buffalo, N. Y. Wheel. 1,471,157; Oct. 16.
Gruber, Louis S., Arnold, assignor to L. Gruber, Pittsburgh, Pa. Window. 1,467,034; Sept. 4.
Gruber, Luise. (See Gruber, Louis S., assignor.)
Grubman Engineering & Manufacturing Company. (See Grubman, Leo J., assignor.)
Grubman, Leo J., assignor to Grubman Engineering & Manufacturing Company, New York, N. Y. Sound-producing device. 1,466,877; Sept. 4.
Grubman, Leo J., assignor to Grubman Engineering & Manufacturing Company, New York, N. Y. Sound-producing device. 1,466,878; Sept. 4.
Gruen, Frederick G., Cincinnati, Ohio. Mounting attachment means for wrist watches and the like. 1,447,718; Mar. 6.
Gruen, Frederick G., assignor to The Gruen Watch Company, Cincinnati, Ohio. Clasp. 1,448,028; Mar. 13.
Gruen, Frederick G., assignor to The Gruen Watch Company, Cincinnati, Ohio. Winding mechanism for watches. 1,473,763; Nov. 13.
Gruen Watch Company, The. (See Gruen, Frederick G., assignor.)
Gruen Watch Company, The. (See Haerr, Harold R., assignor.)
Gruenberg, Raoul J., assignor to The Paraffine Companies, Inc., San Francisco, Calif. Box-gluing machine. 1,473,183; Nov. 6.
Gruender, Oscar C., Chicago Heights, Ill. Centrifugal screen. 1,441,496; Jan. 9.
Gruenfeldt, Emil. (See Foster, H. J., Gruenfeldt, and Brainard.)
Gruenhagen, William H., St. Paul, Minn. Wire trolling-line and twine winder. 1,454,050; May 8.
Gruetter, John R. (See Loew, C. H., and Gruetter.)
Gruetter, John R., Cleveland, Ohio. Discharge mechanism. 1,451,216; Apr. 10.
Gruhn, Adolph, Macon, Ga. Roller-rubbing washer. 1,469,314; Oct. 2.
Grünberg, Josef, Berlin, Germany. Saliva ejector. 1,447,020; Feb. 27.
Grund, William, and R. L. Gardineer, Kokomo, Ind. Attachment for foot pedals. 1,449,990; Mar. 27.
Gründel, Josef, New York, N. Y. Ladder. 1,473,228; Nov. 6.
Grunder, Friedrich. (See Aegerter, August S., assignor.)
Grundhand, Louis, and O. Iseli, Salt Lake City, Utah. Can holder and opener. 1,474,077; Nov. 13.
Grundler, Joseph, assignor to Perfect Shock Absorber Spring Company, Inc., New York, N. Y. Shock-absorbing spring. 1,467,035; Sept. 4.
Grundy, Alfred A., assignor of one-third to himself, one-third to G. Grushlaw, and one-third to J. Sichel, Philadelphia, Pa. Means for finishing fabrics. 1,462,172; July 17.
Grunebaum, Charles, Philadelphia, Pa. Bead-clasp attachment. 1,449,175; Mar. 20.
Gruner, William C., Chicago, Ill. Automobile hook. 1,454,734; May 8.
Grünhagen, Heinrich, Berlin-Karlshorst, Germany, assignor, by mesne assignments, to The Chemical Foundation, Inc. Dyes of the acridine series and their manufacture. 1,455,486; May 15.
Grünhagen, Heinrich, Berlin-Karlshorst, Germany, assignor, by mesne assignments, to The Chemical Foundation, Inc. Dyes of the acridine series and their manufacture. 1,455,487; May 15.
Grünhagen, Heinrich, Berlin-Karlshorst, Germany, assignor, by mesne assignments, to The Chemical Foundation, Inc. Dyes of benzene-napthalene-acridine series and their manufacture. 1,455,488; May 15.
Grünhagen, Heinrich, Berlin-Karlshorst, assignor to Actien Gesellschaft für Anilin Fabrikation, Berlin, Germany. 2.7-dialkyl-3-dialkylamino-6-amino-10-alkylacridinum salts. 1,473,550; Nov. 6.
Grünstein, Nathan, Frankfort-on-the-Main, Germany. Regenerating mercury catalyst. 1,477,951; Dec. 18.
Grunt, Joseph, Cleveland, Ohio. Sand-handling apparatus. 1,463,691; July 31.
Grunwald, Albert C., et al. (See Fisher, Charles, assignor.)
Grupe, William F. (See Adamson, A. A., and Grupe.)
Grupe, William F., assignor to C. F. Rumpp & Sons, Inc., Philadelphia, Pa. Traveling case for watches. 1,466,505; Aug. 28.
Grush, Elmer B., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-breast-scouring machine. 1,444,873; Feb. 13.
Grushlaw, George, et al. (See Grundy, Alfred A., assignor.)
Gruss, Francis J., San Francisco, Calif. Sanitary dental handpiece cover. 1,470,162; Oct. 9.
Gruss, Lucien R., assignor to Pneumatic Cushion Co., San Francisco, Calif. Vehicle frame suspension. 1,470,972; Oct. 12.
Gruss, Roland M., San Francisco, Calif. Shock absorber. 1,446,793; Feb. 27.
Gruss, Walter C., Pittsburgh, Pa. Bootjack. 1,453,105; Apr. 24.
Gruss, Walter C., Pittsburgh, Pa. Hair curler. 1,458,052; June 5.
Grützner, Arthur, Meissen-on-the-Elbe, Germany. Central lubricator provided with a distributing roller rotating within an oil reservoir and a device for obtaining a permanently-uniform oil level within such reservoir. 1,456,306; May 22.
Gruzler, Leopolt, Chicago, Ill. Electric signal for gasoline tanks. 1,459,154; June 19.
Gschwind, Leon, Youngstown, Ohio. Washing machine. 1,441,276; Jan. 9.
Gschwind, Leon, Youngstown, Ohio. Ironing machine. 1,462,757; July 24.
Gschwind, Leon, Youngstown, Ohio. Direct sewer inlet. 1,473,551; Nov. 6.
Gstalder, Paul A., Pittsburgh, Pa., assignor to The Ohio Varnish Company, Cleveland, Ohio. Graining tool. 1,441,919; Jan. 9.
Gstalder, Paul A., Pittsburgh, Pa., assignor to The Ohio Varnish Company, Cleveland, Ohio. Graining tool. 1,441,920; Jan. 9.
Gstalder, Paul A., Pittsburgh, Pa., assignor to The Ohio Varnish Company, Cleveland, Ohio. Graining tool. 1,411,921; Jan. 9.
Gstalder, Paul A., Pittsburgh, Pa., assignor to The Ohio Varnish Company, Cleveland, Ohio. Graining tool. 1,441,922; Jan. 9.
Guadagni, Guilio S., Providence, R. I. Depositing machine. 1,477,344; Dec. 11.
Guaita, Alfredo, Turin, Italy. Engine. 1,440,825; Jan. 2.
Guarantee Liquid Measure Company. (See MacKenzie, George W., assignor.)
Guarantee Liquid Measure Company. (See Townsend, William S., assignor.)
Guaranty Iron & Steel Co. (See Fischer, Adam, assignor.)
Guaranty Trust Company of New York, et al., executors. (See Baker, James B.)
Guaranty Trust Company of New York, The. (See Marchand, Ludwig, assignor.)
Guardiani, Eustachio, Philadelphia, Pa. Fly screen for windows. 1,466,281; Aug. 28.
Guardino, Leonardo, Brooklyn, N. Y. Automobile signal-light casing. Des. 62,521; June 12.
Guardino, Vincenzo, Brooklyn, N. Y. Ice-cream-cutting machine. 1,441,800; Jan. 9.
Guay, Emile J., Lynn, Mass., assignor to General Electric Company. Actuating device and making the same. 1,463,015; July 24.
Guay, Frank, Whitefish, Mont. Rotary washing machine. 1,457,160; May 29.
Guazzoni, Alberto, Rome, Italy. Cycle stand and brush holder. 1,450,680; Apr. 3.
Gubich, Emerik, Minneapolis, Minn. Condiment container. 1,473,552; Nov. 6.
Guckert, Edward N., Toledo, Ohio. Stringed musical instrument. Des. 62,235; Apr. 24.
Gudgel, Everett D., and M. M. Corey, assignors to R. D. Swisher Mfg. Co., Chicago, Ill. Stamp mount and index. 1,462,200; July 17.
Gudmundson, Niels W., Salt Lake City, Utah. Elevator brake. 1,443,841; Jan. 30.
Guelbaum, David, Syracuse, N. Y. Dynamometer for determining the modulus of elasticity. 1,443,877; Jan. 30.
Guelbaum, David, Syracuse, N. Y. Grain-cutting machine. 1,451,217; Apr. 10.

Guelbaum, David, Syracuse, N. Y. Grain-cutting machine with automatic scoops. 1,456,003; May 22.
Guenst, William, Philadelphia, assignor of one-half to S. S. Newman, Pittsburgh, Pa. Power reverse gear. 1,477,557; Dec. 18.
Guenther, Arthur G. G., assignor to Signode System, Inc., Chicago, Ill. Stretching tool. 1,453,564; May 1.
Guenther, Arthur G. G., assignor to Signode System Inc., Chicago, Ill. Machine for applying box straps. 1,462,960; July 24.
Guenther, Frank, San Mateo, Calif., assignor of one-half to W. Meinersmann, Elizabeth, N. J. Signal. 1,444,742; Feb. 6.
Guenther, Frederick G., and W. C. Grabau, Seattle, Wash. Terminal. 1,441,801; Jan. 9.
Guenther, Henry L., Los Angeles, Calif. Can-double-seaming machine. 1,441,195; Jan. 2.
Guenther, Henry L., Los Angeles, Calif. Seaming head for can machinery. 1,450,418; Apr. 3.
Guenther, Henry L., Los Angeles, Calif. Can-cap feed. 1,454,383; May 8.
Guenther, Henry L., Los Angeles, Calif. Can feeding and timing device. 1,463,527; July 31.
Guerin, Morinville J., jr. (See Guerin, Wilfred L., assignor.)
Guerin, Wilfred L., assignor of one-half to M. J. Guerin, jr., New Orleans, La. Indicator for vacant theater seats. 1,461,143; July 10.
Guerin, William F., Brooklyn, N. Y. Snow-removal system. 1,447,948; Mar. 6.
Gueritey, Charles, assignor to Passaic Metal Ware Co., Passaic, N. J. Container. 1,443,682; Jan. 30.
Guerrant, John L., Sedalia, Mo. Freight-car door. 1,465,982; Aug. 28.
Guerrant, John L., Sedalia, Mo. Freight-car door. 1,468,019; Sept. 18.
Guerrant, John L., Sedalia, Mo. Freight-car door. 1,477,055; Dec. 11.
Guerrieri, Joseph, San Francisco, Calif. Artichoke trimmer and cutter. 1,461,874; July 17.
Guerrieri, Michael, Newark, N. J. Tool holder. 1,468,715; Sept. 25.
Guertin, Augustus E., Belmont, Mass. Shock absorber. 1,461,391; July 10.
Guesmer, Arnold L., Minneapolis, Minn. Heating device for mangles. 1,473,764; Nov. 13.
Guess, Chester M., Los Angeles, Calif. Casing spear. 1,445,680; Feb. 20.
Guest, Albert H., Stourbridge, England. Match stand, inkstand, ash bowl, and the like article. 1,459,023; June 19.
Guetl, John I., Buffalo, N. Y. Shaft bearing. 1,457,831; June 5.
Guett, Monroe, Hartford, Conn., assignor to Hart & Hegeman Manufacturing Company. Switch actuator. 1,450,035; Mar. 27.
Guett, Monroe, assignor to The Hart & Hegeman Manufacturing Company, Hartford, Conn. Electrical fixture. 1,460,060; June 26.
Guettler, Herbert, Escanaba, Mich., assignor, by mesne assignments, to Fiber Making Processes, Chicago, Ill. Barking apparatus. 1,463,887; Aug. 7.
Gufler, Anton, New York, N. Y. Animal trap. 1,472,217; Oct. 30.
Guggenberger, Leopold, Hastings-on-Hudson, assignor to Rolup Screen Company, New York, N. Y. Edge reenforcement for screens and the like. 1,474,628; Nov. 20.
Guggenbühl, Hermann, Ruschlikon, Switzerland. Electric bed warmer. 1,476,073; Dec. 4.
Guggenheim Brothers. (See Fink, Colin G., assignor.)
Gugino, Carmelo, Buffalo, N. Y. Window shutter. 1,440,677; Jan. 2.
Gugler, John B., Omaha, Nebr. Rocking high chair. 1,447,302; Mar. 6.
Guglielmello, Salvatore, Worcester, Mass. Boot-blacking machine. 1,475,298; Nov. 27.
Gugliuzzi, Nicholas, Ansonia, Conn. Window-shade fixture. 1,451,947; Apr. 17.
Guide Motor Lamp Manufacturing Company, The. (See Persons, William F., assignor.)
Guider, John F., Buffalo, N. Y. Piston for internal-combustion engines. 1,442,610; Jan. 16.
Guider, John J., North Pelham, N. Y. Sliding drapery holder. 1,465,938; Aug. 28.
Guier, William, Wichita, Kans. Street indicator. 1,445,585; Feb. 13.
Guignard, Edwin M. F., Shanghai, China, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,463,811; Aug. 7.
Guilbert, Augustus T., Pasadena, Calif. Statuette lamp stand. Des. 62,203; Apr. 10.
Guild, Andrew. (See McGuire, N. B., and Guild.)
Guild, Andrew W., Houston, Tex. Rotary harrow. 1,471,692; Oct. 23.
Guild, Waldo J., assignor to Heald Machine Company, Worcester, Mass. Eccentric feeding mechanism. 1,454,472; May 8.
Guiley, Arthur J., Hartville, Ohio. Tubular folding and collapsible core. 1,466,527; Aug. 28.
Guiley, Henri A., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Rotation for rock drills. 1,464,930; Aug. 14.
Guiley, Henri A., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Rotation release for rock drills. 1,476,814; Dec. 11.
Guilford Mfg. Co., The. (See Chapman, Norton W., assignor.)
Guilford, William C. J., Pasadena, Calif. Device for repairing fenders. 1,443,075; Jan. 23.
Guillaume, Charles E., Sevres, France, assignor to Société des Fabriques de Spiraux Réunies, Petit-Saconnex, Switzerland. Compensating balance spring for chronometers and watches. 1,454,473; May 8.
Guilliaume, William, assignor to General Industrial X-Ray Co., Milwaukee, Wis. Cabinet. Des. 62,445; June 5.
Guillou, Henri, Montrouge, France. Driving belt and the like. 1,463,812; Aug. 7.
Guimont, Joseph W., assignor of one-half to M. Langlois, Montreal, Quebec, Canada. Welding radiators. 1,458,934; June 19.
Guimont, Joseph W., assignor of one-half to M. Langlois, Montreal, Quebec, Canada. Radiator. 1,467,316; Sept. 11.
Guinn, S. E., Manufacturing Company. (See Guinn, Samuel E., assignor.)
Guinn, Samuel E., Johnson City, Tenn., assignor to S. E. Guinn Manufacturing Company, Inc. Shaving brush. 1,442,662; Jan. 16.
Guinter, John J., Akron, Ohio. Toy balloon. Des. 63,399; Dec. 4.
Guinzburg, George K., assignor to I. B. Kleinert Rubber Company, New York, N. Y. Garment protector. 1,476,299; Dec. 4.
Guinzburg, Victor, assignor to I. B. Kleinert Rubber Company, New York, N. Y. Elastic fabric. 1,462,279; July 17.
Guinzburg, Victor, assignor to I. B. Kleinert Rubber Company, New York, N. Y. Powder-puff holder. 1,471,729; Oct. 23.
Guinzburg, Victor, assignor to I. B. Kleinert Rubber Company, New York, N. Y. Garment. 1,477,218; Dec. 11.
Gulba, Stanley F., Shamokin, Pa. Rotary nozzle brush. 1,462,909; July 24.
Gulesian, Selden J., Revere, Mass. Adjustable rail fitting. 1,467,153; Sept. 4.
Gulf Refining Company. (See King, George H., assignor.)
Gulf Refining Company. (See McAfee, Almer M., assignor.)
Gulf Refining Company. (See McElroy, Karl P., assignor.)
Gulf Refining Company. (See Pritchard, G. L., and Henderson, assignors.)
Gulf Refining Company. (See Watkeys, Thomas L., assignor.)
Gulick, David E., San Francisco, Calif. Water-flushing device. 1,474,472; Nov. 20.
Gulick, Edward J., Elkhart, Ind., assignor to Packard Motor Car Company, Detroit, Mich. Steering-rod connection. 1,451,040; Apr. 10.
Gulledge, William T., Matthews, N. C. Jack. 1,446,176; Feb. 20.
Gulledge, William T., Matthews, N. C. Tire mounting. 1,473,623; Nov. 13.
Gullicksen, Ole, assignor to Churchill Cabinet Company, Chicago, Ill. Telephone booth. 1,442,942; Jan. 23.
Gulline, Henry L., Montreal, assignor of one-half to J. Hyde, Westmount, Quebec, Canada. Perpetual calendar. 1,448,293; Mar. 13.
Gulline, Henry L., Montreal, assignor of one-half to J. Hyde, Westmount, Quebec, Canada. Mounting for advertisements, calendars, and pictures. 1,459,052; June 19.
Gulliver, Arthur P., Brockton, Mass. Pipe-cleaning device. 1,459,625; June 19.
Gum, Jacob B., Mount Vernon, Mo. Eyeglass mounting. 1,445,941; Feb. 20.
Gump, B. F., Company. (See Carll, Harry, assignor.)
Gump, B. F., Company. (See Draver, Emil R., assignor.)
Gumz, Johann H. (See Mackey, F. C., and Gumz.)
Gunderson, George H., Potter, assignor of one-half to P. Maginnis, Kimball, Nebr. Road drag. 1,472,168; Oct. 30.
Gunderson, Gunder H., Fairchild, Wis. Starter for explosive engines. 1,475,815; Nov. 27.
Gunderson, Joseph C., Grand Forks, N. Dak. Envelope-feeding attachment. 1,459,179; June 19.
Gunderson, Joseph C., Grand Forks, N. Dak. Envelope-delivery device. 1,466,161; Aug. 28.
Gunderson, Lewis O., Decatur, Ill. Method of and means for counteracting destructive electrolysis. 1,449,991; Mar. 27.
Gundlach, Beno J., Belleville, Ill. Apparatus for sharpening reamers. 1,478,563; Dec. 25.
Gundlach, Henry G., Brooklyn, N. Y. Tool for calking. 1,475,264; Nov. 27.
Gundlach, Paul, Bremen, Germany. Kneading machine specially for dry and slimy masses. 1,478,116; Dec. 18.
Gunlocke Chair Co. (See Gunlocke, W. H., and Pike, assignors.)
Gunlocke, William H., Wayland, N. Y., and G. J. Pike, Grand Rapids, Mich., assignors to The W. H. Gunlocke Chair Co., Wayland, N. Y. Chair. Des. 63,078; Oct. 2.

Gunn, Earl G., assignor to Packard Motor Car Company, Detroit, Mich. Hydrocarbon motor. 1,464,568; Aug. 14.
Gunn, Earl G., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,473,092; Nov. 6.
Gunn, Earl G., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicles. 1,473,093; Nov. 6.
Gunn, Fred W., Boston, Mass. Hose-clamping tool. 1,442,402; Jan. 16.
Gunn, Fred W., Boston, Mass. Hose-clamping tool. 1,442,403; Jan. 16.
Gunn, Frederick M. (See Guyette, F. B., and Gunn.)
Gunn, James N., New York, N. Y., assignor to Morgan & Wright. Tire tread. Des. 62,167; Apr. 3.
Gunn, James N., New York, N. Y., assignor to Morgan & Wright. Tire tread. Des. 62,168; Apr. 3.
Gunn, John J., Chicago, Ill. Adjustable bearing box. 1,453,936; May 1.
Gunn, Shelton J., Gunntown, Fla. Iron-bound cover and box construction. 1,443,260; Jan. 23.
Gunn, Shelton J., Gunntown, Fla. Automatic machine for shaping and fastening iron bands to box material. 1,465,817; Aug. 21.
Gunn, Shelton J., Gunntown, Fla. Reel. 1,465,818; Aug. 21.
Gunn, Thomas M., Brooklyn, N. Y. Derrick. 1,445,136; Feb. 13.
Gunn, Walter A., assignor to Wright Manufacturing Company, Lisbon, Ohio. Coupling. 1,454,587; May 8.
Gunn, William A., Grand Rapids, Mich. Making desk or like tops. 1,471,026; Oct. 16.
Gunnell, George H., Morristown, N. J. Moistener for cigars. 1,454,236; May 8.
Gunning, William A. (See Maynard, A. E., and Gunning.)
Gunnlaugsson, Skuli, San Francisco, Calif. Counting board. 1,445,586; Feb. 13.
Gunson, Thomas R. (See Kohout, J. J., and Gunson.)
Günther, Alfred. (See Thauss, A., and Günther.)
Gunther, Emil B., Altadena, Calif. Floor surfacer. 1,457,224; May 29.
Gunther, George E., St. Paul, Minn. Internal-combustion engine. 1,456,004; May 22.
Günther, Gottfried, Schwenningen-on-the-Neckar, Germany. Combined clock and letter balance. 1,471,956; Oct. 23.
Gunzel, Arno, et al. (See Paffrath, Paul C. J., assignor.)
Guptill, Rodney G., assignor of one-half to E. H. Cornelius and one-tenth to W. M. McGee, Tulsa, Okla. Bearing material and making the same. 1,464,569; Aug. 14.
Gurley, John W., Indianapolis, Ind. Pump. 1,472,414; Oct. 30.
Gurney, Dayton A., Caro, Mich. Trail stop. 1,462,280; July 17.
Gurnicki, Nykola. (See Semenoff, I. M., and Gurnicki.)
Gurr, Thomas S., et al. (See Bryan, William G., assignor.)
Gurski, Stanislaw, Utica, N. Y. Condensing device. 1,440,917; Jan. 2.
Gurvine, Frederick J. (See Atkinson, Le Roy E., assignor.)
Gusdorf, Harold M., Indianapolis, Ind. Power transmission. 1,442,268; Jan. 16.
Gusdorf, Harold M., Indianapolis, Ind. Drive-belt material. 1,457,243; May 29.
Gusdorf, Harold M., Indianapolis, Ind. Transmission V belt. 1,457,569; June 5.
Guseman, Tanny C., Houston, Tex. Stitching-machine guard. 1,456,548; May 29.
Gustafson, Adolph P., assignor to M. Schulz Company Chicago, Ill. Pneumatic action. 1,449,992; Mar. 27.
Gustafson, Adolph P., assignor to M. Schulz Company, Chicago, Ill. Pneumatic action. 1,451,980; Apr. 17.
Gustafson, Adolph P., assignor to M. Schulz Company, Chicago, Ill. Pneumatic action. 1,468,361; Sept. 18.
Gustafson, Arthur H., Chicago, Ill., assignor to H. E. Holbrook, Boston, Mass. Machine for sealing circulars. 1,454,889; May 15.
Gustafson, Charles J. (See Cole, D., and Gustafson.)
Gustafson, Gottfried, Brooklyn, N. Y. Pump for boat-propelling devices. 1,459,330; June 19.
Gustafson, Oscar R., assignor of one-half to G. S. Scott, Chicago, Ill. Rotary cutter head. 1,478,649; Dec. 25.
Gutekunst, David W., assignor of one-third to E. G. Helander and one-third to C. Anderson, Philadelphia, Pa. Toy vehicle. 1,467,271; Sept. 4.
Guth, Edwin F., St. Louis, Mo. Lighting fixture. 1,440,733; Jan. 2.
Guth, Edwin F., St. Louis, Mo. Lighting fixture. 1,453,349; May 1.
Guth, Edwin F., assignor to St. Louis Brass Manufacturing Company, St. Louis, Mo. Lighting fixture. 1,457,061; May 29.
Guth, Frederick A. (See Guth, Harold F., assignor.)
Guth, Harold F., London, Ohio. Garage-door-operating mechanism. 1,441,923; Jan. 9.
Guth, Harold F., London, assignor to F. A. Guth, Columbus, Ohio. Gate. 1,459,505; June 19.
Guth, Jacob, St. Louis, Mo. Tractor water-cooling device. 1,465,432; Aug. 21.
Guth, William T., Brooklyn, N. Y. Self-cleaning lavatory. 1,468,565; Sept. 18.
Guthard, Edgar C. (See O'Neill, William J., assignor.)
Guthard, Edgar C., Chicago, Ill. Tool handle and the like. 1,457,570; June 5.
Guthman, Sigmund, Atlanta, Ga. Pay envelope. 1,449,282; Mar. 20.
Guthridge, Ada L. and F. G., Chicago, Ill.; said F. G. Guthridge assignor to said Ada L. Guthridge. Combined chair and display rack. 1,473,702; Nov. 13.
Guthridge, Frank G. (See Guthridge, Ada L. and F. G.)
Guthridge, Richard, Norristown, Pa. Receptacle and agitator therefor. 1,457,431; June 5.
Guthrie, Charles B., Washington, D. C. Consolidated tariff index. 1,457,363; June 5.
Guthrie, James, Elyria, and J. W. Simmons; said Guthrie assignor to The Simmons Manufacturing Company, Cleveland, Ohio. Rheostat. 1,443,469; Jan. 30.
Gutierrez, Norberto, St. Louis, Mo. Orchestra sound cabinet. 1,448,061; Mar. 13.
Gütlin, Hermann, Basel, assignor to Elektrizitatswerk Lonza, Gampel, Switzerland. Utilizing solid fuel. 1,452,239; Apr. 17.
Gutman, Harry, Oak Park, Ill. Tobacco-treating machine. 1,447,075; Feb. 27.
Gutman, Sylvester A., Flint, Mich. Producing lock handles. 1,464,526; Aug. 14.
Gutridge, Loammie A., and F. M. Mosier, assignors of one-third to said Gutridge and two-thirds to G. N. Slonaker, Columbus, Ohio. Switch attachment for folding machines. 1,460,544; July 3.
Gutschow & Co. G. m. b. H. (See Reiss, Paul, assignor.)
Gutsell, Hiram S., Ithaca, N. Y. Automobile buffer. 1,451,874; Apr. 17.
Guttenstein, Joseph, and I. Kritzer, New York, N. Y. Heating attachment for cake mixers. 1,468,615; Sept. 18.
Guttery, W. F. (See Steele, Wesley, assignor.)
Guttly, Alphonse, Wisconsin Rapids, Wis. Wrench. 1,457,244; May 29.
Guttman, Hyman, New York, N. Y. Knitted fabric. Des. 62,551; June 19.
Guttman, Hyman, New York, N. Y. Knitted fabric. Des. 62,552; June 19.
Guy, Albert E., U. S. Army. Pressure gauge. 1,468,383; Sept. 18.
Guy, Harry L., assignor of one-half to C. S. Purnell, Oak Park, Ill. Roofing. 1,469,041; Sept. 25.
Guy, La Fayette T., Selma, Ala. Fishing tackle. 1,466,620; Aug. 28.
Guy, Wiley A., Slayton, Minn. Sled attachment. 1,449,993; Mar. 27.
Guyatt, Christopher G. (See Allebrand, C. W., and Guyatt.)
Guye, Philippe A., Geneva, Switzerland, and A. Schmidt, assignors to "L'Azote Francais," S. A., Paris, France. Recovering nitrogen-oxide vapors. 1,443,220; Jan. 23.
Guyer, Hans, and E. Rüegger, assignors to Aktiengesellschaft der Maschinenfabriken Escher Wyss & Cie., Zurich, Switzerland. Refrigerating machine. 1,464,277; Aug. 7.
Guyette, Fred B., and F. M. Gunn, Guild, N. H. Bobbin antisplitting device. 1,459,727; June 26.
Guynes, John W., Calvert, Tex. Lint-cleaning attachment for cotton gins. 1,450,592; Apr. 3.
Guynn, John M., assignor of one-half to J. D. McLain, Newport, Ark. Dumping wagon. 1,451,218; Apr. 10.
Guyot, Arthur F. (See Guyot, Gaston A. and A. F.)
Guyot, Gaston A. and A. F., Attleboro, Mass. Watch-bracelet hook. 1,457,432; June 5.
Guyot, Marius, assignor to Aluminum Manufactures, Inc., Cleveland, Ohio. Multipart core. 1,449,097; Mar. 20.
Guyse, Harry H. (See Guyse, William M. and H. H.)
Guyse, William M. and H. H., Billings, Mont. Metal building lath. 1,444,376; Feb. 6.
Guyton & Cumfer Mfg. Co. (See Cumfer, Harry A., assignor.)
Guyton, Frank, Turley, Okla. Automatic oil-tank switch. 1,447,843; Mar. 6.
Gwatkin, Benjamin. (See Randall, Roland V. and V. E., assignors.)
Gwinn, George W., New York, N. Y., assignor to Automatic Packing & Labeling Company, Durham, N. C. Machine for applying stamps, labels, or sealing strips to packages. 1,456,307; May 22.
Gwyer, Herbert J., Yonkers, N. Y. Refrigerator construction. 1,452,271; Apr. 17.
Gwyer, Herbert J., Yonkers, N. Y. Refrigerator construction. 1,452,272; Apr. 17.
Gwyer, Herbert J., New York, N. Y. Refrigerator trap. 1,466,827; Sept. 4.
Gwynes, George B., Andersonville, Ga. Plow blade. 1,473,229; Nov. 6.
Gyger, Joseph, Ottawa, assignor to Ottawa Silica Company, Ottawa Township, Ill. Flow accelerator for pipe-line sand conveyers. 1,444,069; Feb. 6.
Gyllsdorff, Torsten A., assignor to Standard Reamer & Tool Company, Detroit, Mich. Reamer. 1,472,798; Nov. 6.
Gyroscope Company, The. (See Titterington, Morris M., assignor.)
Gysel, Max E., Wilkinsburg, Pa., assignor to Westinghouse Electric and Manufacturing Company. Stator structure for dynamo-electric machines. 1,446,898; Feb. 27.

Gyulai, Steven, Howell, Saskatchewan, Canada. Bracelet. 1,448,440; Mar. 13.
H. & B. American Machine Company. (See Adkinson, William, assignor.)
H. & H. Ignition Corporation. (See Hawkins, William W., assignor.)
H. & H. Machine Company. (See Howdeshell, Roland M., assignor.)
H & H Patent Development Company. (See Hebern, Edward H., assignor.)
H. & N. Carburetor Co. (See Mladinich, Frank, assignor.)
H-R Manufacturing Company. (See Hilliard, Harry D., assignor.)
H. S. Laboratory. (See Swift, Clement K., assignor.)
H. S. B. W.-Cochrane Corporation. (See Elfreth, Harold D., assignor.)
Haack, Gustave, Madison, Wis. Life buoy. 1,460,483; July 3.
Haack, William F., Berwyn, Ill. Lead pencil. 1,469,786; Oct. 9.
Haack, William F., Berwyn, Ill. Lead pencil. 1,469,787; Oct. 9.
Haag, Alfred H., Baltimore, Md. Talking-machine cabinet. 1,468,233; Sept. 18.
Haag, Joseph, Paris, France. Fastening device for the doors of railway wagons and other vehicles. 1,441,497; Jan. 9.
Haan, Paul C., Upper Nyack, N. Y. Power-transmission means for boats. 1,458,405; June 12.
Haanel, Walter L., Chicago, Ill. Electric fountain. 1,462,281; July 17.
Haar, Adam, Saginaw, Mich. Weather vane. Des. 62,818; Aug. 7.
Haarberg, Cato, Trondhjem, Norway. Portable handle. 1,448,999; Mar. 20.
Haarlander, Otto J., South Orange, assignor to New Jersey Patent Company, West Orange, N. J. Phonograph cabinet. Des. 62,505; June 12.
Haarlander, Otto J., South Orange, assignor to New Jersey Patent Company, West Orange, N. J. Phonograph cabinet. Des. 62,506; June 12.
Haarlander, Otto J., South Orange, and C. B. Hydeloff, East Orange, N. J., assignors to New Jersey Patent Company, West Orange, N. J. Phonograph cabinet. Des. 61,770; Jan. 9.
Haas, Charles A., New York, N. Y. Retaining device for receptacle caps. 1,450,077; Mar. 27.
Haas, Edward. (See Ferguson, M. B., and Haas.)
Haas, Edward, assignor of one-half to M. B. Ferguson, Brooklyn, N. Y. Conveyer mechanism. 1,458,701; June 12.
Haas Electric Sales Company, The. (See Haas, Max L.)
Haas, Frank A., New York, N. Y., assignor to M. J. Whittall Associates, Worcester, Mass. Rug. Des. 61,771; Jan. 9.
Haas, Frank A., New York, N. Y., assignor to M. J. Whittall Associates, Worcester, Mass. Rug. Des. 61,772; Jan. 9.
Haas, Frank A., New York, N. Y., assignor to M. J. Whittall Associates, Worcester, Mass. Rug. Des. 61,773; Jan. 9.
Haas, Frank A., New York, N. Y., assignor to M. J. Whittall Associates, Worcester, Mass. Rug. Des. 61,774; Jan. 9.
Haas, Frank A., New York, N. Y., assignor to M. J. Whittall Associates, Worcester, Mass. Rug. Des. 61,775; Jan. 9.
Haas, Frank A., New York, N. Y., assignor to M. J. Whittall Associates, Worcester, Mass. Rug. Des. 61,776; Jan. 9.
Haas, Frank A., New York, N. Y., assignor to M. J. Whittall Associates, Worcester, Mass. Rug. Des. 61,777; Jan. 9.
Haas, Frank A., New York, N. Y., assignor to M. J. Whittall Associates, Worcester, Mass. Rug. Des. 61,778; Jan. 9.
Haas, Frank A., New York, N. Y., assignor to M. J. Whittall Associates, Worcester, Mass. Rug. Des. 61,779; Jan. 9.
Haas, Frank A., New York, N. Y., assignor to M. J. Whittall Associates, Worcester, Mass. Rug. Des. 61,780; Jan. 9.
Haas, Frank A., New York, N. Y., assignor to M. J. Whittall Associates, Worcester, Mass. Rug. Des. 61,781; Jan. 9.
Haas, Frederick W. (See Frederick, H., and Haas.)
Haas, Harry L., New York, N. Y. Anode and carrier therefor. 1,478,853; Dec. 25.
Haas, Herman, Marengo, Ill. Game. 1,444,683; Feb. 6.
Haas, Hermann, Lennep, Germany. Drying apparatus. 1,470,919; Oct. 16.
Haas, Jacob R., Chicago, Ill. Flour sifter. 1,465,983; Aug. 28.
Haas, Joseph, jr., Muncie, Ind., assignor to The Roessler & Hasslacher Chemical Company, New York, N. Y. Electroplating with zinc. 1,415,543; Apr. 10.
Haas, Joseph F. (See Landeweer, H., and Haas.)
Haas, Lucien L. (See McDonald, E. F. Glein, and Haas.)
Haas, Max L., assignor to The Haas Electric Sales Company, Cleveland, Ohio. Electric fixture. Des. 62,204; Apr. 10.
Haas, Paul C., assignor of one-half to F. M. Kellogg, Ann Arbor, Mich. Burner igniter. 1,476,201; Dec. 4.
Haas, Philip, Dayton, Ohio. Water closet. 1,441,576; Jan. 9.
Haas, Philip J., Omaha, Nebr. Poultry beheader. 1,474,711; Nov. 20.
Haas, Rawley D., La Habra, Calif. Playing cards. 1,448,441; Mar. 13.
Haas, Rudolf, Baden, Germany, assignor to Techno Service Corporation, New York, N. Y. Percussion fuse. 1,462,173; July 17.
Haas, Victor E., Sylvania Township, Lucas County, assignor of one-half to S. E. Starr and one-half to W. E. Waldo, Toledo, Ohio. Device for carbureting air. 1,441,277; Jan. 9.
Haas, William, West Hoboken, N. J. Combined ironing-board stand and window jack or seat. 1,475,067; Nov. 20.
Haase, Jorgen I. (See Fitchett, T. S., and Haase.)
Haase, Jorgen I., Towson, and E. A. Metz, Glenarm, assignors to F. X. Hooper Company, Inc., Glenarm, Md. Counterbalanced tape delivery for printing presses. 1,477,441; Dec. 11.
Haass, Clemens A., assignor to Tate Manufacturing Company, Boston, Mass. Dauber for liquid blacking and the like. 1,466,506; Aug. 28.
Habberley, William C., Lynn, Mass. Shoe. 1,466,552; Aug. 28.
Habenicht, August F., Tinley Park, Ill. Controlling apparatus for air-pressure systems for pumps. 1,449,396; Mar. 27.
Habenicht, Charles A., San Francisco, Calif. Automobile lock. 1,455,138; May 15.
Habenicht, Charles A., Modesto, Calif. Lock. 1,459,290; June 19.
Haberkamp, William C., Chicago, Ill. Hair waver. 1,472,561; Oct. 30.
Haberman, Zeno C., Watertown, S. Dak. Washing machine. 1,459,728; June 26.
Habicht, Franz P., assignor to the Firm "Therma," Fabrik für Elektrische Heizung A.-G., Schwanden, Canton of Glarus, Switzerland. Electric rotary switch. 1,458,484; June 12.
Habicht, Otto, Muhlheim-on-the-Main, Germany. Press for uniting the soles and uppers of shoes by gluing. 1,445,942; Feb. 20.
Habicht, Otto, Muhlheim-on-the-Main, Germany. Pressing bow and last. 1,473,038; Nov. 6.
Hacheney, Frank C., John Day, Oreg. Adjustable wrench. 1,461,875; July 17.
Hachman, Elmer E., Baltimore, Md. Headlight reflector. 1,478,898; Dec. 25.
Hachmann, Frederick, assignor to W. H. Gregg, St. Louis, Mo. Metal book cover. 1,452,802; Apr. 24.
Hachmann, Frederick, assignor to W. H. Gregg, St. Louis, Mo. Book cover. 1,446,499; Feb. 27.
Hachmann, Frederick, assignor to W. H. Gregg, St. Louis, Mo. Manifold sales book and cover. 1,446,500; Feb. 27.
Hachmann, Frederick, assignor to W. H. Gregg, St. Louis, Mo. Manifold-sales-book cover and tissue book therefor. 1,446,501; Feb. 27.
Hachmann, Frederick, assignor to W. H. Gregg, St. Louis, Mo. Sales-book cover. 1,459,506; June 19.
Hachmann, Frederick, assignor to W. H. Gregg, St. Louis, Mo. Detachable hinge. 1,476,966; Dec. 11.
Hachmann, Frederick, St. Louis, Mo., assignor of four-tenths to H. C Sickmann, Marthasville, and two-tenths to C. S. Siegfried, St. Louis, Mo. Combined rail joint, tie plate, and anticreeper. 1,441,980; Jan. 9.
Hachmann, Frederick, assignor of one-fourth to H. W. Geller, one-eighth to H. A. Prudot, and one-eighth to L. J. Horan, St. Louis, Mo. Plating wooden articles. 1,440,678; Jan. 2.
Hachmann, Frederick, assignor of two-tenths to T. T. Richards, St. Louis, one-tenth to A. Koelling, one-tenth to H. Houchens, two-tenths to J. H. Bierbaum, Marthasville, two-tenths to R. E. Einstein, and one-tenth to P. R. Walsh, St. Louis, Mo. Rail jack. 1,461,186; July 10.
Hachmann, Frederick, St. Louis, and H. C. Sickmann, Marthasville, assignors of one-fifth to J. A. Blevins, St. Louis, and two twenty-fifths to J. H. Bierbaum, Marthasville, Mo. Combined tie plate and rail fastener. 1,445,435; Feb. 13.
Hackenburg, Herbert, Weehawken, N. J. Pepper and salt shaker. 1,449,670; Mar. 27.
Hacker, Horace W., Chicago, Ill. Clamping mechanism. 1,453,350; May 1.
Hacker, Josephus A., Chicago, Ill. Diaphragm for sound-conveying instruments. 1,472,830; Nov. 6.
Hacker Manufacturing Company. (See Sanford, Floyd N., assignor.)
Hackett, Arthur E. (See Eberhardt, N. S., and Hackett.)
Hackett, William. (See Band, Stephen W., assignor.)
Hackett, William, Port Alberni, British Columbia, Canada. Water wheel. 1,477,558; Dec. 18.
Hackett, William J., Reno, and F. T. Abbay, Hazen, Nev. Automobile spring equalizer and shock absorber. 1,462,638; July 24.
Hackley, Thaddeus A., Seattle, Wash. Tire tread. 1,447,547; Mar. 6.

Alphabetical list of patentees—Continued.

Hackney, Leslie S. (See Froelich, John, assignor.)
Hackney, Leslie S., Minneapolis, Minn. Bed. 1,466,373; Aug. 28.
Hackney, Robert H., Milwaukee, assignor to Pressed Steel Tank Company, West Allis, Wis. Removable head for metal containers. 1,449,940; Mar. 27.
Hackstaff, George C., Denver, Colo. Screening and sizing process and apparatus. 1,455,785; May 22.
Hackworth, Alfred and J., Ironton, Ohio. Car-controlling mechanism. 1,452,556; Apr. 24.
Hackworth, Jesse. (See Hackworth, Alfred and J.)
Hackworth, Lindall G., Ruble, Mo. Demountable rim for vehicle wheels. 1,457,888; June 5.
Hadaway, Charles. (See Brown, John H., assignor.)
Hadaway, William S., jr., New Rochelle, N. Y. Electric heater. 1,459,729; June 26.
Hadaway, William S., jr., New Rochelle, N. Y. Electric heater. 1,468,106; Sept. 18.
Hadaway, William S., jr., New Rochelle, N. Y. Kinetic heat insulation. 1,469,458; Oct. 2.
Hadden, Ernest R., Adrian, Mich. Pedal-operated accelerating attachment. 1,444,117; Feb. 6.
Hadden, Thomas J., assignor of one-half to C. Hurd, Mount Carmel, Ill. Axle-truing machine. 1,464,760; Aug. 14.
Haddon, Eli. (See Skeppstedt, A. B., and Haddon.)
Haddon's, James, Sons. (See Welch, Jack T., assignor.)
Hadermann, Frederick E., New York, N. Y. Smoker stand. Des. 62,287; May 1.
Hadfield, John, jr., Philadelphia, Pa. Making stockings. 1,444,684; Feb. 6.
Hadfield Penfield Steel Company. (See Brown, Davis, assignor.)
Hadfield, Robert A., Westminster, and A. G. M. Jack, Sheffield, England. Cap for armor-piercing projectiles. 1,448,800; Mar. 20.
Hadfield, Robert A., Westminster, and A. G. M. Jack, Sheffield, England. Projectile. 1,475,578; Nov. 27.
Hadka, Joseph, Oak Park, Ill. Controlling device for muffler cut-outs. 1,453,624; May 1.
Hadley, Carrie B. (See Hadley, Walter B., assignor.)
Hadley, Cecil A., Bradford, England, assignor to The Rose Street Foundry and Engineering Company, Limited, Inverness, Scotland. Welding. 1,459,885; June 26.
Hadley, Edmund P., and C. C. Holden, assignors to Royal Comb Company, Leominster, Mass. Comb. 1,449,149; Mar. 20.
Hadley, Frederick V., Needham, S. Barnaby, Auburndale, and J. O. Clarke, Forest Hills, Mass. Vaporizer. 1,462,504; July 24.
Hadley, Idale L., Hartford, Conn. Electric heater. 1,455,287; May 15.
Hadley, Walter B., assignor to C. B. Hadley, Grand Rapids, Mich. Baker's implement. 1,452,504; Apr. 24.
Hadley, Walter C., New York, N. Y. Phonograph record. 1,456,434; May 22.
Hadley, Walter C., assignor to Central Talking Machine Shop, Inc., New York, N. Y. Amusement device. Re15,629; June 19.
Hadley, Walter C., assignor to Central Talking Machine Shop, Inc., New York, N. Y. Juvenile blocks. 1,464,421; Aug. 7.
Hadly, Harly L., Chicago, Ill. Paved structure. 1,441,342; Jan. 9.
Hadsell, Darwin G., Kansas City, Mo. Reversible handle socket. 1,450,438; Apr. 3.
Haeberlein, Max, Maplewood, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Wicket-gate-adjusting means. 1,451,694; Apr. 17.
Haefner, William C. F., Southgate, Ky., assignor to The Enterprise Brass & Plating Company, Cincinnati, Ohio. Automatic timer. 1,442,884; Jan. 23.
Haege, Louis. New Memphis, Ill. Animal trap. 1,454,998; May 15.
Haentjens, Otto, Hazleton, Pa. Pump system. 1,445,507; Feb. 13.
Haering, Joseph, Louisville, Ky. Cow-tail holder. 1,450,774. Apr. 3.
Haering, Joseph, Louisville, Ky. Cow-tail holder. 1,458,821; June 12.
Haerr, Harold R., assignor to The Gruen Watch Company, Cincinnati, Ohio. Case. 1,477,481; Dec. 11.
Haerting, Karl R., Berlin, Germany. Stone and like working machine. 1,458,097; June 5.
Haessler, William J., Philadelphia, Pa. Collapsible funnel. 1,461,654; July 10.
Häfele, Gotthard, Buffalo, N. Y. Combined lamp pedestal and stand. Des. 63,163; Oct. 30.
Hafelfinger, Emil F., Weehawken, N. J. String tensioner for violins. 1,476,712; Dec. 11.
Hafer, Henry, St. Louis, Mo. Signal. 1,475,946; Dec. 4.
Hafer, Myron L., and J. H. Rosenberg, Philadelphia, Pa. Locking device for savings deposit boxes. 1,470,360; Oct. 9.
Haff, Robert C. (See Cheesman, R. D., and Haff.)
Haffner, Grover C., Los Angeles, Calif. Psychic instrument. 1,476,158; Dec. 4.
Haga, Enoch. (See Wilson, W. D., and Cullander, assignors.)
Hagadone, Clinton A., Western Springs, Ill., assignor, by mesne assignments, to International Harvester Company. Harvester. 1,467,374; Sept. 11.
Hagadone, Clinton A., Western Springs, Ill., assignor to International Harvester Company. Tractor hitch for corn binders. 1,467,375; Sept. 11.
Hagadone, Clinton A., Western Springs, Ill., assignor to International Harvester Company. Tractor hitch for wagons. 1,477,345; Dec. 11.
Hagaman, Albert T., Louisa, Ky. Oil-well equipment. 1,467,635; Sept. 11.
Hagaman, Mamie, Perth Amboy, N. J. Washtub. 1,462,573; July 24.
Hagan, Charles F. (See Bollman, Roland R., assignor.)
Hagan, Chester A., New York, N. Y. Window lock. 1,470,005; Oct. 9.
Hagan Corporation, The. (See Brown, Francis H., assignor.)
Hagan, George J., trustee. (See Hopwood, J. M., and Bannister, assignors.)
Hagan, George J., Pittsburgh, assignor to D. S. Wolcott, trustee, Sewickley, Pa. Stoking mechanism. 1,478,515; Dec. 25.
Hagblom, Anton E., and R. W. Christensen, Chicago, Ill. Key guard. 1,445,309; Feb. 13.
Hage, Leonell R., Highwood, assignor of one-third to G. Swanstrom, Great Falls, Mont. Door stop. 1,445,681; Feb. 20.
Hage, Rudolf A., Gottenborg, Sweden. Riveting, chiseling, and rock-drilling hammer. 1,464,570; Aug. 14.
Hagelstein, Christian H. T., assignor to The Reece Button Hole Machine Company, Boston, Mass. Stop motion. 1,461,876; July 17.
Hageman, Aaron M., Bloomfield, N. J., and J. M. Kovachy, Cleveland, Ohio, assignors to Westinghouse Lamp Company. Etching compound. 1,471,466; Oct. 23.
Hagemann, Carl W., administrator. (See Werbeck, Walter G.)
Hagemann, Louis F., Niagara Falls, N. Y., assignor to American Sales Book Company, Limited, Toronto, Ontario, Canada. Autographic register. 1,456,768; May 29.
Hagemann, Louis F., Niagara Falls, N. Y., assignor to American Sales Book Company, Limited, Toronto, Ontario, Canada. Autographic register. 1,456,769; May 29.
Hagemann, Louis F., Niagara Falls, N. Y., assignor to American Sales Book Company, Limited, Toronto, Ontario, Canada. Autographic register. 1,456,770; May 29.
Hagemann, Louis F., Niagara Falls, N. Y., assignor to American Sales Book Company, Limited, Toronto, Ontario, Canada. Autographic register. 1,456,771; May 29.
Hagemann, Louis F., Niagara Falls, N. Y., assignor to American Sales Book Company, Limited, Toronto, Ontario, Canada. Autographic register. 1,456,772; May 29.
Hagemann, Louis F., Niagara Falls, N. Y., assignor to American Sales Book Company, Limited, Toronto, Ontario, Canada. Autographic register. 1,456,773; May 29.
Hagen, Minnie, Ellinwood, Kans. Sifter. 1,456,435; May 22.
Hagen, Oscar A., Fargo, N. Dak. Telescope. 1,451,096; Apr. 10.
Hagen, Sigvort O., Minneapolis, Minn. Valve. 1,458,228; June 12.
Hagenlocher, Christian P., assignor to Wright Roller Bearing Company, Philadelphia, Pa. Antifriction bearing. 1,447,844; Mar. 6.
Hagens, G. R., et al. (See Porter, C. A., and Brewster, assignors.)
Hager, Albert R., Manila, P. I. Game-scoring device. 1,450,852; Apr. 3.
Hager, Albert R., Shanghai, China. Desk-pad file. 1,465,244; Aug. 14.
Hager, Albert R., Shanghai, China, assignor to The Mah-Jong Company of China, San Francisco, Calif. Cabinet for holding games. 1,477,056; Dec. 11.
Hager, Everett G., Kimberly, assignor of one-half to S. B. Rough, Twin Falls, Idaho. Electrical heating element for pressure cookers. 1,440,826; Jan. 2.
Hager, William R., assignor to Troy Laundry Machinery Co., Ltd., Chicago, Ill. Dry-room tumbler. 1,457,905; June 5.
Hager, William R., assignor to Troy Laundry Machinery Co., Ltd., Chicago, Ill. Clothes-handling mechanism. 1,465,433; Aug. 21.
Hagerman, Charles H. (See Kelley, George W., assignor.)
Hagerstrom, John A., Cranford, N. J. Cover grip. 1,454,237; May 8.
Hagerty, Robert J., assignor of one-half to F. H. Hebron and one-half to T. C. Kelly, Philadelphia, Pa. Nursing bottle. 1,451,822; Apr. 17.
Hagey, James C., and T. E. Kavanaugh, assignors, by mesne assignments, to The Q R S Music Company, Chicago, Ill. Means for instruction with respect to musical instruments. 1,461,241; July 10.
Haggard, Delmar, et al. (See Marmon, Albert W., assignor.)
Haggard, Oliver L. F., and T. O. Rush, Gadsen, Ala. Tray. 1,464,987; Aug. 14.
Haggardt, Fred L., Twin Falls, Idaho. Socket wrench. 1,464,132; Aug. 7.

Haggenjos, John J., St. Louis, Mo. Automobile step plate. Des. 61,871; Feb. 6.
Haggenmacher, John E., assignor to The Grasselli Chemical Company, Cleveland, Ohio. Manufacture of acetic acid. 1,463,209; July 31.
Haggerty, Frank, assignor of one-fourth to P. Izenstark, Chicago, Ill. Athletic shoe. 1,472,415; Oct. 30.
Hagie, John L. (See Avenson, L. M., and Hagie.)
Haglund, Gustaf, Falun, Sweden. Automatically-acting lixiviation apparatus. 1,456,592; May 29.
Hagman, William J., Philadelphia, Pa., assignor to Niles-Bement-Pond Company, New York, N. Y. Lever-locking device for hydraulic machines. 1,477,171; Dec. 11.
Hagreen, Elmer J. (See Lee, A. M., and Hagreen.)
Hagstrom, Joseph E., Chicago, Ill. Valveless air hammer. 1,462,961; July 24.
Hague, Floyd T., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Multiple winding for alternating-current machines. 1,447,164; Feb. 27.
Hague, Floyd T., and O. Needham, Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company. Commutating means for dynamo-electric machines. 1,447,163; Feb. 27.
Hahn, Adam E., Sioux City, Iowa. Tire gauge. 1,444,152; Feb. 6.
Hahn, Harry W., assignor to David A. Coleman Co., Inc., Los Angeles, Calif. Stencil-printing machine. 1,468,384; Sept. 18.
Hahn, Henry, Portland, Oreg. Broom holder. 1,444,874; Feb. 13.
Hahn, Henry W., Denver, Colo. Pipe coupling. 1,461,482; July 10.
Hahne, William C., Elgin, Ill. Electric power device. 1,471,957; Oct. 23.
Hahnemann, Walter, Kitzeberg, near Kiel, assignor to the Firm Signal Gesellschaft, m. b. H., Kiel, Germany. Submarine signaling apparatus. 1,450,287; Apr. 3.
Hahnemann, Walter, Kitzeberg, near Kiel, Germany, assignor to the Firm Signal Gesellschaft m. b. H., Kiel, Germany. Sound-signaling device for dense sound-propagating mediums. 1,451,422; Apr. 10.
Hahnemann, Walter, Kitzeberg, near Kiel, assignor to the Firm Signal Gesellschaft m. b. H., Kiel, Werk Ravensberg, Germany. Device for increasing the sound energy with submarine sound transmitters. 1,463,507; July 31.
Hahnemann, Walter, Kitzeberg, near Kiel, and W. Rudolph, assignors to Signal Gesellschaft mit beschränkter Haftung, Kiel, Germany. Receiving device for submarine sound signaling. 1,445,508; Feb. 13.
Haibe, Ora F., Uniontown, Pa. Internal-combustion motor. 1,474,712; Nov. 20.
Haigh, William C., Porth, Wales. Appliance for playing fishing games. 1,456,308; May 22.
Haight, Arthur M., Jackson, Mich. Signal lock for automobiles. 1,470,443; Oct. 9.
Haight, Harry V., Sherbrooke, Quebec, Canada, assignor to Ingersoll-Rand Company, Jersey City, N. J. Shank and bit punch. 1,463,134; July 24.
Haight, Harry V., Sherbrooke, Quebec, Canada, assignor to Ingersoll-Rand Company, Jersey City, N. J. Plate-valve unloader. 1,470,077; Oct. 9.
Hail, Gustav, Portland, Oreg. Invisible pipe joint. 1,463,692; July 31.
Hailes, William D., assignor to Federal Signal Company, Albany, N. Y. Alternating-current relay. 1,470,566; Oct. 9.
Haills, Helan, Clinton, Miss. Clothes hanger. Des. 62,058; Mar. 13.
Hails, Edward T., Montgomery, Ala. Resurfacing talking-machine records. 1,476,507; Dec. 4.
Hain, Benjamin T., Chicago, Ill., assignor to Beneke & Kropf Mfg. Co. Hinge. 1,453,106; Apr. 24.
Hain, Willoughby L. T., Philadelphia, Pa. Vending machine. 1,473,230; Nov. 6.
Haines, Isaac O., Pittsburgh, Pa. Shock absorber. 1,473,343; Nov. 6.
Haines, Jones & Cadbury Incorporated. (See Muend, Charles J., assignor.)
Haines, Peter A. (See Gilman, G. H., and Haines.)
Haines, Thomas K. P., Philadelphia, Pa. Compartment box. 1,454,639; May 8.
Hainlen, George, Philadelphia, Pa. Bumper for automobiles. 1,462,910; July 24.
Hainline, Ellsworth E., and E. C. Culp, Kansas City, Kans. Sash fastener. 1,458,760; June 12.
Haire, Robert E., Paris, Ontario, Canada. Making plastic gypsum. 1,457,161; May 29.
Hairlight Company, The. (See Damon, Murray C., assignor.)
Haislip, Richard A., Montclair, N. J., and E. M. Matthews, Jamaica, N. Y., assignors to American Telephone and Telegraph Company. Connector for electrical conductors. 1,448,116; Mar. 13.
Haiss, George, New York, N. Y. Wagon loader. Re. 15,515; Jan. 2.
Haiss, George, New York, N. Y. Conveyer. 1,444,743; Feb. 6.
Hajdu, Sadie. (See Winkler, Edmund, assignor.)
Hajek, Otto, assignor to the Firm of A. Friedmann, Vienna, Austria. Oil-distributing device. 1,472,753; Oct. 30.
Hajek, Otto, and F. Uiberall, Vienna, Austria. Valveless lubricating pump. 1,478,430; Dec. 25.
Hajek, Vladimir, Prague, Czechoslovakia. Stream-flow-controlling instrumentality. 1,455,586; May 15.
Hakes, Daniel E., and A. Laperou, Calexico, Calif. Cleaning composition. 1,461,351; July 10.
Haket, John, Los Angeles, Calif. Water kettle. 1,477,644; Dec. 18.
Hakey, Eli, Swanton, Vt. Pipe wrench. 1,471,958; Oct. 23.
Halberstadt, Heinrich. (See Clossman, J., and Halberstadt.)
Halbleib, Edward A., assignor to North East Electric Company, Rochester, N. Y. Power-transmission mechanism. 1,441,418; Jan. 9.
Haldeman, Frank M., assignor to The Master Builders Company, Cleveland, Ohio. Process and composition of matter for coloring mortars. 1,453,457; May 1.
Haldeman, James C., Salem, Ohio. Radius rod. 1,469,179; Sept. 25.
Haldeman, Paul C., assignor to Lukens Steel Company, Coatesville, Pa. Indicator for the adjusting screws of rolling mills. 1,456,491; May 22.
Hale, Albert G., Fort Thomas, Ky. Vacuum bottle. 1,456,797; May 29.
Hale, Ellis L., and H. G. Coulson, assignors to Coeur D'Alene Hardware & Foundry Co., Wallace, Idaho. Railway dump car. 1,468,350; Sept. 18.
Hale Fire Pump Co. (See Young, Charles H., jr., assignor.)
Hale, Frank S., Long Beach, Calif. Core for making pipes and the like. 1,456,058; May 22.
Hale, John, Reedsville, Wis. Brooder. 1,462,836; July 17.
Hale, John D. (See Stafford, L. F., and Hale.)
Hale, Joshua B., Providence, R. I., assignor, by mesne assignments, to Textile Engineering Company. Braiding machine. 1,449,749; Mar. 27.
Hale, Joshua B., assignor to Textile Engineering Company, Providence, R. I. Braiding-machine body structure. 1,469,217; Oct. 2.
Hale, Joshua B., assignor to Textile Engineering Company, Providence, R. I. Braiding-machine carrier. 1,470,920; Oct. 16.
Hale, Kenneth C., Detroit, Mich. Trolley-wire-holding rail. 1,463,420; July 31.
Hale, Lee M., Chicago, Ill. Lubricating device. 1,462,174; July 17.
Hale, Montague, Vancouver, British Columbia, Canada. Coping saw. 1,443,710; Jan. 30.
Hale, William E., Fort Washington, assignor to R. H. Beaumont Company, Philadelphia, Pa. Brake mechanism for winding drums. 1,447,778; Mar. 6.
Hale, William E., Fort Washington, assignor to R. H. Beaumont Company, Philadelphia, Pa. Double-acting load brake. 1,457,162; May 29.
Hale, William E., Fort Washington, assignor to R. H. Beaumont Company, Philadelphia, Pa. Brake and clutch operating mechanism for hoists. 1,457,973; June 5.
Hale, William E., Fort Washington, assignor to R. H. Beaumont Company, Philadelphia, Pa. Skip hoist. 1,474,902; Nov. 20.
Hales, Sidney E., Blackheath, London, England. Pump. 1,468,664; Sept. 25.
Haley, Henry V., Oklahoma, Okla., assignor to International Cotton Protecting Company, Dover, Del. Cotton bale and material and method for rendering the same proof against fire and country damage. 1,455,749; May 15.
Halferty, Peter F., Grayland, Wash. Fly hook and leader. 1,451,656; Apr. 10.
Halferty, Peter F., Aberdeen, Wash. Fly hook. 1,471,959; Oct. 23.
Haliburton, William A., Connellys Springs, N. C. Driving box for locomotives. 1,441,925; Jan. 9.
Hall, Akos J., Cleveland, Ohio. Stair platform and landing. 1,478,277; Dec. 18.
Hall, Albert C., Ely, Minn. Drier. 1,446,253; Feb. 20.
Hall, Alzira C., executrix. (See Hall, George M.)
Hall, Arthur E., assignor to E. E. Hall, Syracuse, N. Y. Machine for removing the skins from peanuts and the like. 1,478,431; Dec. 25.
Hall, Arthur J., Winchcombe, England, and P. L. Mardis, Swissvale, Pa., assignors to Westinghouse Electric & Manufacturing Company. Control system and apparatus. 1,458,935; June 19.
Hall, Benjamin, Nevada City, Calif. Turbine. 1,445,310; Feb. 13.
Hall, Benjamin B., and R. B. Roberts, Salt Lake City, Utah. Adjustable lock-joint stovepipe. 1,447,949; Mar. 6.
Hall, Benjamin J., Fieldend, Eastcote, and C. F. G. Thorkelin, London, England. Arc lamp for photographic and other purposes. 1,477,057; Dec 11.
Hall, Bicknell, Taunton, assignor to Hall Co., Boston, Mass. Speed-varying mechanism. 1,470,559; Oct. 9.
Hall, Bicknell, Taunton, assignor to Hall Co., Boston, Mass. Variable-speed mechanism. 1,470,563; Oct. 9.
Hall, Bicknell, Abington, assignor to Hall Co., Boston, Mass. Variable-speed mechanism. 1,470,560; Oct. 9.
Hall, Bicknell, Abington, assignor to Hall Co., Boston, Mass. Variable-speed mechanism. 1,470,561; Oct. 9.
Hall, Bicknell, Abington, assignor to Hall Co., Boston, Mass. Variable-speed mechanism. 1,470,562; Oct. 9.

Hall, Bicknell, Abington, assignor to Hall Co., Boston, Mass. Transmission mechanism. 1,470,564; Oct. 9.
Hall, Bicknell, Abington, assignor to Hall Co., Boston, Mass. Transmission mechanism. 1,470,565; Oct. 9.
Hall, Bicknell, Taunton, and A. C. Deering, Abington, assignors to H. S. James, Brockton, Mass. Adjustable counterbore. 1,444,875; Feb. 13.
Hall-Bullock, George, assignor to A. M. Coulson, London, England. Internal-combustion motor. 1,465,165; Aug. 14.
Hall, Burton P., Fanwood, N. J. Fire extinguisher. 1,449,397; Mar. 27.
Hall, Burton P., Fanwood, N. J. Producing images by transmitted light. 1,468,965; Sept. 25.
Hall, Charles C., Kalamazoo, Mich. Packing and making same. 1,464,604; Aug. 14.
Hall, Charles L. (See Smith, M. A., and Brown, assignors.)
Hall, Charles S., Los Angeles, Calif. Aircraft. 1,449,098; Mar. 20.
Hall, Charles S., Los Angeles, Calif. Aircraft. 1,449,099; Mar. 20.
Hall, Charles S., Los Angeles, Calif. Aircraft. 1,449,100; Mar. 20.
Hall, Charles S., Los Angeles, Calif. Aircraft propeller. 1,470,163; Oct. 9.
Hall, Charles S., Los Angeles, Calif. Aircraft. 1,471,656; Oct. 23.
Hall, Charles S., assignor to The Whitehead & Hoag Co., Newark, N. J. Bank. 1,443,125; Jan. 23.
Hall, Charles W., Larchmont, N. Y. Aircraft fitting. 1,463,888; Aug. 7.
Hall, Chester I., Fort Wayne, Ind., assignor to General Electric Company. Demand meter. 1,456,104; May 22.
Hall, Chester I., Fort Wayne, Ind., assignor to General Electric Company. Electrical instrument. 1,462,337; July 17.
Hall Co. (See Hall, Bicknell, assignor.)
Hall, Daniel E., Bath, Me. Traffic-signaling device. 1,472,976; Nov. 6.
Hall, Daniel L., Columbia, S. C. Dental film holder. 1,467,850; Sept. 11.
Hall, Daniel L., Columbia, S. C. Dental film holder. 1,467,851; Sept. 11.
Hall, David J., Newark, N. J. Bus body. 1,467,376; Sept. 11.
Hall, Ella S., and A. N. Kaznakoff, New York, N. Y. Thread-guide gripper. 1,443,533; Jan. 30.
Hall, Ellen E. (See Hall, Arthur E., assignor.)
Hall, Elmon L., assignor of one-half to H. Papst, Portland, Oreg. Gas making. 1,466,648; Aug. 28.
Hall, Emmett C., Delray, Fla. Typewriter keyboard. 1,468,566; Sept. 18.
Hall, Eric E., Chicago, Ill. Ceiling and floor construction. 1,470,727; Oct. 16.
Hall, Eric E., Chicago, Ill. Suspended ceiling. 1,470,728; Oct. 16.
Hall, Eric E., Chicago, Ill. Form for concrete works. 1,470,729; Oct. 16.
Hall, Erick L., Indianapolis, Ind. Flooring jack. 1,447,720; Mar. 6.
Hall, Francis C., Washington, D. C. Headrest. 1,469,082; Sept. 25.
Hall, Francis C., Washington, D. C. Hanger. 1,477,702; Dec. 18.
Hall, Frank P. (See Calkins, W. E., and Hall.)
Hall, Frank P., Mont Alto, Pa. Adjustable reclining chair. 1,462,005; July 17.
Hall, Frank W., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Apparatus for the manufacture of aluminum chloride. 1,468,632; Sept. 25.
Hall, Frederick C., assignor to Jenckes Spinning Company, Pawtucket, R. I. Cord-tire fabric. 1,444,070; Feb. 6.
Hall, Frederick C., assignor to Jenckes Spinning Company, Pawtucket, R. I. Rubberizing fabric. 1,444,459; Feb. 6.
Hall, Frederick C., and J. Townson, assignors to Jenckes Spinning Company, Pawtucket, R. I. Loom. 1,455,048; May 15.
Hall, George M., deceased, by A. C. Hall, executrix, Baird, Tex. Hydrant box and lid. 1,455,723; May 15.
Hall, George W., Topeka, Kans. Mechanical orchestra. 1,462,006; July 17.
Hall, George W., Alhambra, assignor to Coast Envelope Company, Los Angeles, Calif. Combination envelope. 1,474,194; Nov. 13.
Hall, George W., and M. P. Cochrane, Brainerd, Minn. Journal lubricator. 1,447,721; Mar. 6.
Hall, Harry A., assignor to Hoosier Manufacturing Company, Newcastle, Ind. Sliding moldboard for cabinets. 1,461,525; July 10.
Hall, Harry G., Cottonwood, Ariz. Cement. 1,462,747; July 24.
Hall, Henry A., New York, N. Y. Scraping and cutting tool. 1,475,816; Nov. 27.
Hall, Horace C., assignor to Rolls-Royce Limited, Derby, England. Preparing metallic alloys and refining metals and alloys. 1,458,290; June 12.
Hall, Horace W., Newton Center, Mass. Wall for drums and the like made of multiply material making the same. 1,465,215; Aug. 14.
Hall, Iphus H., Toronto, Ontario, Canada. Machine for homogeneously mixing and straining egg melange. 1,454,378; May 8.
Hall, Iphus H., Toronto, Ontario, Canada. Egg separator. 1,476,249; Dec. 4.
Hall, James A., et al. (See Bryden, John A., assignor.)
Hall, James C., Worcester, Mass. Cover-releasing device. 1,454,220; May 8.
Hall, James T., Albany, Ga. Cotton opener. 1,457,832; June 5.
Hall, John D., Orrville, Ohio. Differential for motor vehicles. 1,442,943; Jan. 23.
Hall, John H., assignor to Taylor-Wharton Iron and Steel Company, High Bridge, N. J. Producing pipe balls. 1,467,542; Sept. 11.
Hall, John H., and M. F. Apgar, assignors to Taylor-Wharton Iron and Steel Company, High Bridge, N. J. Treating manganese-steel castings. 1,466,649; Aug. 28.
Hall, John L., Ames, Iowa. Combined pliers and chain tightener. 1,473,851; Nov. 13.
Hall, John W., Feltham, England. Internal-combustion engine. 1,461,089; July 10.
Hall, Lewis L., Clendenin, W. Va. Wrench. 1,459,291; June 19.
Hall, Leyel C., Portland, Oreg. Impulse starter and ignition booster for internal-combustion engines. 1,473,725; Nov. 13.
Hall, Lyman L., Louisville, Ky. Food bin. 1,444,245; Feb. 6.
Hall, Mable H. (now by marriage Mable H. Thomson), et al. (See Seabolt, Frank J., assignor.)
Hall Manufacturing Company, The. (See Wernimont, Frank T., assignor.
Hall, Marcellus C., West Marion, S. C. Demountable rim. 1,467,852; Sept. 11.
Hall, Nathaniel C., Old Lyme, Conn. Mopstick. 1,476,400; Dec. 4.
Hall, Nathaniel J., Seattle, Wash. Dairy-bottle cap. 1,475,383; Nov. 27.
Hall-Neal Furnace Company. (See Neal, Harry W., assignor.)
Hall Printing Press Company. (See White, Joseph, assignor.)
Hall, Ralph F., Lead, S. Dak. Antiskid shoe. 1,476,606; Dec. 4.
Hall, Ray E., Chicago, Ill., assignor to Hall Research Corporation. Circuit-controlling means. 1,469,905; Oct. 9.
Hall, Ray E., Chicago, Ill., assignor to Hall Research Corporation. Signal-receiving system and method. 1,477,645. Dec. 18.
Hall Research Corporation. (See Hall, Ray E., assignor.)
Hall, Richard, Vancouver, British Columbia, Canada. Means for delivering gas to internal-combustion engines. 1,442,802; Jan. 23.
Hall, Richard B., Madison, Wis. Automobile extractor. 1,445,509; Feb. 13.
Hall, Robert F., Moseley, near Birmingham, England. Sparking plug. 1,443,842; Jan. 30.
Hall, Robert F., Moseley, near Birmingham, England. Cam. 1,460,651; July 3.
Hall, Robert F., Moseley, near Birmingham, England. Machine for the manufacture of glass articles. 1,461,271; July 10.
Hall, Robert F., Schenectady, N. Y. Locomotive. 1,464,931; Aug. 14.
Hall, Robert F., Schenectady, N. Y. Locomotive. 1,477,952; Dec. 18.
Hall, Robert K., Denver, Colo. Collapsible spout for cans. 1,462,749; July 24.
Hall, Roy D., East Orange, N. J., assignor to Westinghouse Lamp Company. Filament. 1,461,118; July 10.
Hall, Roy D., East Orange, and H. H. Smith, Newark, N. J., assignors to Westinghouse Lamp Company. Filamentary body for electric lamps and making the same. 1,461,117; July 10.
Hall, Russell G. (See Bailey, Laurel L., assignor.)
Hall, Samuel L., Cushing, Okla. Brake iron. 1,463,693; July 31.
Hall, Samuel N. (See Layne, M. E., and Hall.)
Hall, Sarah A., et al. (See Calkins, W. E., and Hall, assignors.)
Hall, Selden H., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Milking-machine relay. 1,452,153; Apr. 17.
Hall, Selden H., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Purifying liquids. 1,474,629; Nov. 20.
Hall, Seth M., Portland, Oreg. Axle. 1,460,962; July 3.
Hall, Theodore S. (See Cavanaugh, H. F., Hall, and Oliver.)
Hall, Thomas. (See Owen, A. B., and Hall.)
Hall, Thomas W., Torrington, Conn. Overhead-arm support for milling machines. 1,464,266; Aug. 7.
Hall, Trygve A., Poughkeepsie, N. Y. Scleroscope. 1,446,620; Feb. 27.
Hall, Walter S., Fitchburg, Mass. Screen plate. 1,467,759; Sept. 11.
Hall, William C., Greenville, S. C. Weighing machine. 1,464,422; Aug. 7.
Hall, William G., Honolulu, Hawaii. Maceration distributor for sugar-cane mills. 1,461,272; July 10.
Hall, William L. (See Armstrong, Harry Y., assignor.)

Hall, Wm. A., et al. (See Portello, Frank P., assignor.)
Hallada, John C., Seattle, Wash. Motor-vehicle signal. 1,443,739; Jan. 30.
Halladay, Lewis P., Decatur, Ill. Hook bolt. 1,441,498; Jan. 9.
Halladay, Lewis P., Decatur, Ill. Spring bumper. 1,442,144; Jan. 16.
Halladay, Lewis P., Decatur, Ill. Bumper bracket. 1,444,183; Feb. 6.
Halladay, Lewis P., Decatur, Ill. Bumper support. 1,444,184; Feb. 6.
Halladay, Lewis P., Decatur, Ill. Bumper. 1,469,591; Oct. 2.
Halladay, Lewis P., Decatur, Ill. Bumper. 1,469,592; Oct. 2.
Halladay, Lewis P., Decatur, Ill. Shock absorber. 1,474,964; Nov. 20.
Hallanan, Michael, New York, N. Y. Nonslip device for horses. 1,454,999; May 15.
Hallanan, Michael, New York, N. Y. Nonskid device for tires. 1,473,425; Nov. 6.
Hallander, John A., assignor to American Mining Tool Company, Ottumwa, Iowa. Boxing for drills. 1,449,671; Mar. 27.
Hallauer, Carl H., Los Angeles, Calif. Pump and pump piston. 1,464,653; Aug. 14.
Hallauer, Carl H., Los Angeles, Calif. Charge-forming device. 1,471,557; Oct. 23.
Hallauer, George A., Grover, S. Dak. Gasoline filter for motor-driven vehicles. 1,460,241; June 26.
Hallberg, Carl G., Manitowoc, Wis. Window screen. 1,478,899; Dec. 25.
Hallden, Karl W., Waterbury, Conn. Sheet-metal cutting-off machine. 1,461,898; July 17.
Hallden, Karl W., Waterbury, Conn. Sheet-metal cutting-off machine. 1,461,899; July 17.
Halleck, Frank A., Oak Park, Ill., assignor to Sullivan Machinery Company. Forging machine. 1,461,011; July 3.
Halleck, Frank A., Oak Park, Ill., assignor to Sullivan Machinery Company. Forging machine. 1,461,655; July 10.
Halleck, Frank A., Oak Park, Ill., assignor to Sullivan Machinery Company. Forging mechanism. 1,464,094; Aug. 7.
Halleck, Frank A., Oak Park, Ill., assignor to Sullivan Machinery Company. Forging-machine device. 1,470,444; Oct. 9.
Hallenbeck, George E., assignor to Baker Brothers, Toledo, Ohio. Clutch-control mechanism. 1,460,155; June 26.
Hallenbeck, George E., assignor to Baker Bros., Toledo, Ohio. Drill-press control. 1,466,128; Aug. 28.
Hallenbeck, George E., assignor to Baker Brothers, Toledo, Ohio. Machine tool. 1,473,624; Nov. 13.
Hallenberg, Albert, Fargo, N. Dak. X-ray-film holder. 1,465,516; Aug. 21.
Hallengren, Lloyd, Santa Rosa, Calif. Automobile periscope. 1,478,650; Dec. 25.
Haller, Harrison F., Ilion, N. Y. Automatic train stop and control mechanism. 1,455,115; May 15.
Haller, Herbert L. J. (See Williams, R. R., and Haller.)
Haller, Julian B., Wytheville, Va. Tennis-court marker. 1,457,163; May 29.
Hallett, Reveley A., Harvey, Ill. Reflecting headlight. 1,478,564; Dec. 25.
Hallett, Thomas S., Mile 54, Alberta, Canada. Resilient vehicle wheel. 1,461,483; July 10.
Halley, Elton P., Sanderson, Tex. Pipe-suspending apparatus. 1,442,663; Jan. 16.
Halliday, Alonzo L., Oil Center, Calif. Perforation cleaner for oil-well casings. 1,474,630; Nov. 20.
Halliday, Alonzo L., Oil Center, Calif. Walking-beam bearing. 1,476,334; Dec. 4.
Hallinan, William W., Pueblo, Colo. Air inspirator for engines. 1,473,726; Nov. 13.
Hallingstad, Ole, Plaza, N. Dak. Potato-planting attachment for plows. 1,448,661; Mar. 13.
Halliwell, Reginald F., Leamington, England, assignor to General Electric Company. Valve mechanism. 1,477,346; Dec. 11.
Halliwell, Walter, Heaton Chapel, assignor to Sir W. G. Armstrong, Whitworth & Company, Limited, Newcastle-on-Tyne, England. Work-rotating gear adapted for use in connection with hydraulic presses, steam hammers, and the like. 1,472,977; Nov. 6.
Halliwell, William R., assignor to Atlantic Tubing Company, Providence, R. I. Automobile hood-latching device. 1,467,983; Sept. 11.
Hallman, Uriah T. E., assignor of one-half to H. P. Lang, Toronto, Ontario, Canada. Change-speed mechanism for automobiles. 1,444,029; Feb. 6.
Hallock, George H., G. F. Frederick, and B. H. Purcell, assignors to Automatic Machinery Company, Terre Haute, Ind. Conveyer system. 1,457,364; June 5.
Halloran, Patrick. (See Basel, Frank, assignor.)
Hallvarson, Peter W., Calgary, Alberta, Canada. Tool for making and repairing casings for wells, boreholes, or the like. 1,449,672; Mar. 27.
Halperin, Nathan. (See O'Lena, Louis A., assignor.)
Halpern, Emanuel, New York, N. Y. Voice for dolls. 1,459,053; June 19.
Halpern, Meyer, New York, N. Y. Toothbrush holder. Des. 62,447; June 5.
Halsall, John, Elrose, Saskatchawan, Canada. Sleigh construction. 1,442,611; Jan. 16.
Halsam Products Company. (See Goss, Samuel G., assignor.)
Halsam Products Company. (See Smith, Andrew, assignor.)
Halstead, Oliver B., near Ontario, Calif. Orchard heater. 1,465,819; Aug. 21.
Halter, Elijah T., Philadelphia, Pa. Life-saving device. 1,458,822; June 12.
Halterman, James R., Miles City, Mont. Grinding bar. 1,470,164; Oct. 9.
Halversen, Hans N., Vineland, N. J., assignor to Kimble Glass Company, Chicago, Ill. Syringe-handle-forming machine. 1,443,470; Jan. 30.
Halversen, Hans N., Vineland, N. J., assignor to Kimble Glass Company, Chicago, Ill. Graduating appliance. 1,463,317; July 31.
Halversen, Hans N., Vineland, N. J., assignor to Kimble Glass Company, Chicago, Ill. Glazing machine. 1,473,675; Nov. 13.
Halvorsen, Albert J., assignor to O. E. Becker, Chicago, Ill. Clamp. 1,477,219; Dec. 11.
Halvorsen, Axel I. S., Albany, Ind. Sifter mechanism. 1,440,538; Jan. 2.
Halvorsen, Axel I. S., Albany, Ind. Sifting mechanism. 1,440,539; Jan. 2.
Halvorsen, Birger F., Christiania, Norway. Recovering soluble compounds of potassium and aluminum from silicates. 1,463,508; July 31.
Halvorsen, Fredrik, assignor of one-half to H. S. Hanson, Seattle, Wash. Undercutting-saw guide. 1,476,815; Dec. 11.
Halvorsen, Olaf, and A. H. Johnson, Chicago, Ill.; said Johnson assignor to said Halvorsen. Leather-stamping machine. 1,452,421; Apr. 17.
Halvorsen, Severin, Seattle, Wash. Newspaper-stuffing machine. 1,441,278; Jan. 9.
Halvorsen, Severin, assignor to Newspaper Stuffing Machines Co., Seattle, Wash. Newspaper-stacking mechanism. 1,454,924; May 15.
Halvorson, Cromwell A. B., jr., Lynn, Mass., assignor to General Electric Company. Lamp casing. 1,466,282; Aug. 28.
Ham Boiler Corp. (See Adelmann, Hans, assignor.)
Ham, Clifton W., et al. (See Sousa, Joseph M., assignor.)
Ham, Frank P. (See Dow, G. R. N., and Ham.)
Ham, Joseph H., Brantford, Ontario, Canada. Automobile jack. 1,444,969; Feb. 13.
Hamann, Charles, Port Chester, N. Y. Bottle washer. 1,464,870; Aug. 14.
Hamann, William. (See Brice, A. W., and Hamann.)
Hamblet, Abel M. (See Bush, H. L., and Hamblet.)
Hamblin, Clyde M., Washington, D. C. Fastening device. 1,478,218; Dec. 18.
Hamburg, George, New York, N. Y. Talking-machine horn. 1,471,459; Oct. 23.
Hamburger, Toni, Berlin-Dahlem, assignor to Chemische Fabrik vorm. Goldenberg Geromont & Cie., Wiesbaden, Germany. Purifying lactic acid. 1,459,395; June 19.
Hamburger, Walter S., Baltimore, Md. Headlight dimmer. 1,443,471; Jan. 30.
Hamel, Alfred, Portland, Oreg. Headlight control for use on automobiles. 1,450,036; Mar. 27.
Hamel, Georges, Les Aydes, France. Aeroplane. 1,463,694; July 31.
Hamel Shoe Machinery Company. (See Hart, Thomas F., assignor.)
Hamel Shoe Machinery Company. (See Reardon, Fred A.; assignor.)
Hamel Shoe Machinery Company. (See Reed, James H., assignor.)
Hamel Shoe Machinery Company. (See Valois, Félix E., assignor.)
Hamelin, Antoine. (See Hamelin, Joseph, assignor.)
Hamelin, Joseph, assignor, by mesne assignments, of one-half to A. Hamelin, Bienville, Quebec, Canada. Spring wheel. 1,457,433; June 5.
Hamelstrom, Arvid, Nekoma, N. Dak. Piston. 1,475,114; Nov. 20.
Hamer, Augustus M., Goose Creek, Tex. Tongs. 1,454,319; May 8.
Hamer, Leland S. (See Deakins, G. C., and Hamer.)
Hamer, Leland S., Fullerton, assignor of one-half to W. W. Wilson, Los Angeles, Calif. Pipe-hook tongs. 1,462,037; July 17.
Hamer, Noah M., Chicago, Ill. Tank-valve lock. 1,447,021; Feb. 27.
Hamer, Thurston M., Montreal, Quebec, Canada. Car-cleaning apparatus. 1,458,179; June 12.
Hamer, Walter, Devonport, Auckland, New Zealand. Apparatus for cooling purposes. 1,472,831; Nov. 6.
Hames, Harry C., assignor to F. O. Schoedinger, Columbus, Ohio. Roof lug. 1,452,599; Apr. 24.
Hamilton, Alexander P., Troy, Ohio, assignor to P. Evans, Philadelphia, Pa. Clutch. 1,455,587; May 15.
Hamilton, Arthur G (See Bunch, Walter R., assignor.)
Hamilton, Baxter P. (See Parker, R. D., and Hamilton.)
Hamilton, Baxter P., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Composite signaling circuits. 1,456,549; May 29.

Alphabetical list of patentees—Continued.

Hamilton, Baxter P., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Carrier telegraph circuits. 1,469,259; Oct. 2.
Hamilton, Baxter P., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Carrier telegraph circuits. 1,469,260; Oct. 2.
Hamilton, Baxter P., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Selective circuits for Multiplex signaling. 1,469,832; Oct. 9.
Hamilton-Beach Mfg. Co. (See Nielsen, Emanuel, assignor.)
Hamilton, Bertis F., Flint, Mich. Nut-tapping machine. 1,468,501; Sept. 18.
Hamilton, Charles E., Troy, N. Y. Ironing pad. 1,445,393. Feb. 13.
Hamilton, Charles E., Troy, N. Y. Ironing machine. 1,466,363; Aug. 28.
Hamilton, Clarence A., Brooklyn, N. Y., and B. F. Noyes, Bayonne, N. J. Oil filter. 1,454,113; May 8.
Hamilton, Clifford C., and J. Hutchinson, Gull Lake, Saskatchewan, Canada. Grease cup. 1,445,587; Feb. 13.
Hamilton, David, Greensburg, Pa. Glass facing. 1,452,684; Apr. 24.
Hamilton, David, Greensburg, Pa. Wall facing. 1,457,523; June 5.
Hamilton, Frank. (See Sturgis, Herbert M., assignor.)
Hamilton, Frank S., Boston, Mass. Lock nut. 1,452,422; Apr. 17.
Hamilton, Gavin S., Motherwell, and T. Thomson, Holytown, Scotland. Axle mill. 1,460,061; June 26.
Hamilton, George A., Cincinnati, Ohio. Incense burner. Des. 61,828; Jan. 23.
Hamilton, George H., and M. Nuberg, assignors to American Seating Company, Grand Rapids, Mich. Desk and seat structure. 1,465,939; Aug. 28.
Hamilton, George M. (See Tygard, H. L., and Hamilton.)
Hamilton-Grapes, George, Balwyn, Melbourne, Victoria, Australia. Carburation of air for internal-combustion engines. 1,471,599; Oct. 23.
Hamilton, Harold L., assignor to The Electromotive Engineering Company, Cleveland, Ohio. Power transmission. 1,443,472; Jan. 30.
Hamilton, Harold S., New York, N. Y., assignor to American Telephone and Telegraph Company. Apparatus and method for measuring transmission. 1,468,704; Sept. 25.
Hamilton, James, Washington, D. C. Hoisting truck. 1,478,432; Dec. 25.
Hamilton, Jay G., Chicago, Ill. Indicating device. 1,447,977; Mar. 13.
Hamilton, John H., Seattle, Wash. Sandal. Des. 62,905; Aug. 21.
Hamilton, John R., Yonkers, N. Y., assignor to Ohio Automatic Sprinkler Company, Youngstown, Ohio. Foam-producing fire-extinguishing apparatus. 1,467,377; Sept. 11.
Hamilton-Low Company, The. (See Davis, Patrick H., assignor.)
Hamilton Manufacturing Company, The. (See Gowran, Harry C., assignor.)
Hamilton, Maurice E., Jacksonville, Fla., and W. H. Johnson, Terre Haute, Ind. Automatic train-speed control. 1,448,959; Mar. 20.
Hamilton, Maurice E., New York, N. Y., and W. H. Johnson, Terre Haute, Ind. Automatic train-speed control. Re15,633; June 19.
Hamilton, Paul H., New York, N. Y., assignor to Esda Manufacturing Company, Wilmington, Del. Automatic controller. 1,442,145; Jan. 16.
Hamilton, Perry H., Baltimore, Md., assignor to The P & M Company, Chicago, Ill. Rail anchor. 1,449,398; Mar. 27.
Hamilton, Porter, La Grange, Ky. Escapement. 1,475,068; Nov. 20.
Hamilton, Ralph P., Raeford, N. C. Attachment for carding engines. 1,441,850; Jan. 9.
Hamilton, Robert W., Providence, R. I. Emblem holder. 1,455,839; May 22.
Hamilton Triplex Razor Co. Inc. (See Hamilton, William H. W., assignor.)
Hamilton Trust Company, executor. (See Potthoff, Louis.)
Hamilton, Van, El Dorado, Kans. Pump barrel. 1,475,817; Nov. 27.
Hamilton, Victor, Calgary, Alberta, Canada. Bottle protector. 1,468,808; Sept. 25.
Hamilton, Walter G. (See Hanna, R. W., Mason, and Hamilton.)
Hamilton, Walter G. (See Rissler, A. P., and Hamilton.)
Hamilton, Walter L., Holyoke, Mass., assignor to General Electric Company. Maximum-demand meter. 1,453,498; May 1.
Hamilton, Walter W., Woburn, assignor of one-half to H. L. Colwell, Lowell, Mass. Cover for set tubs. 1,463,952; Aug. 7.
Hamilton, William H. W., assignor to Hamilton Triplex Razor Co. Inc., Buffalo, N. Y. Razor. 1,473,426; Nov. 6.
Hamilton, William L., Bangor, Mich. Diaphragm for pressure-controlling devices. 1,447,076; Feb. 27.
Hamilton, William S. H., Schenectady, N. Y., assignor to General Electric Company. Braking system. 1,442,269; Jan. 16.
Hamilton, William S. H., and R. D. Krape, Schenectady, N. Y., assignors to General Electric Company. System and apparatus for power transmission and regenerative braking. 1,471,893; Oct. 23.
Hamister, Victor C., Cleveland, Ohio, assignor to National Carbon Company, Inc. Electrical connection. 1,453,793; May 1.
Hamlet, Stepney R., et al. (See Marshall, Walker E., assignor.)
Hamlin, Ben M., assignor to J. V. Meyering Trunk Company, Chicago, Ill. Combined drawer-locking device and ironing board for wardrobe trunks. 1,477,559; Dec. 18.
Hamlin-Holmes Motor Company. (See Holmes, Edgar R., assignor.)
Hamlin, John E., Weed, Calif. Tree-felling machine. 1,454,735; May 8.
Hamlin Rocking Grate Co. (See Babbitt, Charles E., assignor.)
Hamm, Theo., Brewing Company. (See Warner, Fred R., assignor.)
Hamm, Wesley, Dolgeville, N. Y. Handle for baskets, satchels, and like containers. 1,453,107; Apr. 24.
Hamm, William L., Oskaloosa, Iowa. Tire armor. 1,450,288; Apr. 3.
Hamm, William S., Hubbard Woods, Ill., assignor to The Adams & Westlake Co. Door. 1,452,685; Apr. 24.
Hamm, William S., Hubbard Woods, Ill., assignor to The Adams & Westlake Company. Door latch. 1,474,028; Nov. 13.
Hamm, William S., Hubbard Woods, and J. A. Giese, Chicago, Ill., assignors to The Adams & Westlake Company. Door latch. 1,466,162; Aug. 28.
Hammack, Walter G., and F. F. Horne, assignors to Illumno Sign Company, Hattiesburg, Miss. Advertising device. 1,448,625; Mar. 13.
Hammann, Henry J., Omaha, Nebr. Fruit-jar holder. 1,448,063; Mar. 13.
Hammann, Henry J., Omaha, Nebr. Jar-cover remover. 1,448,064; Mar. 13.
Hammarlund, Lloyd A., assignor to Automobile Clock Company, Inc., New York, N. Y. Clock. 1,441,279; Jan. 9.
Hammarlund, Lloyd A., assignor to Automobile Clock Company, Inc., New York, N. Y. Clock. 1,441,280; Jan. 9.
Hamme, Lee F. (See Harris, W. T., Hamme, and Hoofnagle.)
Hamme, Spencer W., Philadelphia, Pa. Storm ventilator for windows. 1,465,265; Aug. 21.
Hammel, Pery, New York, N. Y. Carriage clamp. 1,444,912; Feb. 13.
Hammer, Charles, Hollis Court Boulevard, N. Y. Screw closure for containers. 1,440,990; Jan. 2.
Hammer, Charles, Hollis Court Boulevard, N. Y. Metal cap or closure. 1,449,600; Mar. 27.
Hammer, Charles, Queens, assignor to American Metal Cap Company, Brooklyn, N. Y. Capping machine. 1,440,983; Jan. 2.
Hammer, Charles, Queens, assignor to American Metal Cap Company, Brooklyn, N. Y. Screw closure for containers and making the same. 1,440,984; Jan. 2.
Hammer, Charles, Queens, assignor to American Metal Cap Company, Brooklyn, N. Y. Thread jar closure. 1,440,985; Jan. 2.
Hammer, Charles, Queens, assignor to American Metal Cap Company, Brooklyn, N. Y. Vacuum-jar closure. 1,440,986; Jan. 2.
Hammer, Charles, Queens, assignor to American Metal Cap Company, Brooklyn, N. Y. Flanged screw closure and making the same. 1,440,987; Jan. 2.
Hammer, Charles, Queens, assignor to American Metal Cap Company, Brooklyn, N. Y. Closure for containers. 1,440,988; Jan. 2.
Hammer, Charles, Queens, assignor to American Metal Cap Company, Brooklyn, N. Y. Closure for containers. 1,440,989; Jan. 2.
Hammer, Charles, Queens, assignor to American Metal Cap Company, Brooklyn, N. Y. Vacuum friction closure. 1,449,176; Mar. 20.
Hammer, Charles, Queens, assignor to American Metal Cap Company, Brooklyn, N. Y. Liner-plate lug closure. 1,465,079; Aug. 14.
Hammer, Edwin B. (See Knott, H. H., Jungbluth, and Hammer.)
Hammer, Hans O., Chicago, Ill. Tuning device for stringed musical instruments. 1,452,075; Apr. 17.
Hammer, Joseph C. (See Claussen, E. E., and Hammer.)
Hammer, Peter, Brooklyn, N. Y. Wire mattress. 1,445,311; Feb. 13.
Hammer, Samuel, New York, assignor to United Metal Box Co., Inc., Long Island City, N. Y. Hinge structure. 1,473,290; Nov. 6.
Hammerl, Jacob, assignor to Packard Motor Car Company, Detroit, Mich. Windshield. 1,476,816; Dec. 11.
Hammerle, Alexander R., et al. (See Topp, Maurice J., assignor.)
Hammermill Paper Company. (See Lucey, William S., assignor.)
Hammersley Manufacturing Company, The. (See Hatch, Raymond S., assignor.)
Hammes, Michael A., Racine, Wis. Fiber sheathing. 1,446,177; Feb. 20.

Hammett, Elbert A., Kansas City, Mo. Locating knocks in explosive engines. 1,464,817; Aug. 14.
Hammett, Elbert A., assignor of one-half to B. B. Beldon, Kansas City, Mo. Piston-dressing machine. 1,454,834; May 8.
Hammitt, Howard, Plainfield, N. J. Pocket memorandum holder. 1,478,219; Dec. 18.
Hammond, Amil R., and J. S. Carswell, Boone, Iowa. Motor-repair stand. 1,445,079; Feb. 13.
Hammond, Clint, and W. Inman, assignors of one-third to said Inman and two-thirds to H. J. Heaton and S. Hooper, Boyne City, Mich. Accelerator. 1,461,774; July 17.
Hammond, Frank, Sydney, New South Wales, Australia. Liquid measuring and dispensing apparatus. 1,445,212; Feb. 13.
Hammond, Grant, New Haven, Conn., assignor of one-third to A. C. Washburne, Pittsfield, and one-third to F. G. Crane, Dalton, Mass. Magazine catch and release for firearms. 1,452,042; Apr. 17.
Hammond, Grant, New Haven, Conn., assignor of one-third to A. C. Washburne, Pittsfield, and one-third to F. G. Crane, Dalton, Mass. Firearm. 1,455,880; May 22.
Hammond, Grant, New Haven, Conn., assignor of one-third to A. C. Washburne, Pittsfield, and one-third to F. G. Crane, Dalton, Mass. Firearm. 1,455,881; May 22.
Hammond, John A. S., Woodlawn, Md., assignor to U. S. Industrial Alcohol Co. Dehydrating organic liquids. 1,466,435; Aug. 28.
Hammond, John A. S., Woodlawn, Md., assignor to U. S. Industrial Alcohol Co. Dehydrating liquid ether. 1,466,436; Aug. 28.
Hammond, John H., jr. (See Chaffee, Emory L., assignor.)
Hammond, John H., jr. (See Trenor, Albert D., assignor.)
Hammond, John H., jr., Gloucester, Mass. Submarine mine. 1,440,596; Jan. 2.
Hammond, John H., jr., Gloucester, Mass. System for the transmission of radiant energy. 1,443,361; Jan. 30.
Hammond, John H., jr., Gloucester, Mass. Multiplex system in teledynamic control. 1,444,417; Feb. 6.
Hammond, John H., jr., Gloucester, Mass. System of ether wave control. 1,447,779; Mar. 6.
Hammond, John H., jr., Gloucester, Mass. Predirecting means for torpedoes. 1,449,399; Mar. 27.
Hammond, John H., jr., Gloucester, Mass. Mechanism for sinking torpedoes. 1,457,700; June 5.
Hammond, John H., jr., Gloucester, Mass. Advertising device. 1,458,180; June 12.
Hammond, John H., jr., Gloucester, Mass. Smoke producer. 1,458,181; June 12.
Hammond, John H., jr., Gloucester, Mass. System for the transmission and reception of radiant energy. 1,463,994; Aug. 7.
Hammond, John H., jr., Gloucester, Mass. System of radio-directive control. 1,467,154; Sept. 4.
Hammond, John H., jr., Gloucester, Mass. Transmission and receiving system. 1,472,218; Oct. 30.
Hammond, John H., jr., Gloucester, Mass. Submarine mine. 1,473,148; Nov. 6.
Hammond, John H., jr., Gloucester, Mass. System for controlling moving bodies from a distance. 1,473,149; Nov. 6.
Hammond, John H., jr., and H. L. F. Buswell, Gloucester, Mass.; said Buswell assignor to said Hammond. Mixture and method for producing smoke. 1,444,312; Feb. 6.
Hammond, Joseph D., Jackson, Mich. Centrifugal casting machine. 1,457,834; June 5.
Hammond, Karl R., Springfield, Mass. Computing machine. 1,459,886; June 26.
Hammond, Louis E., Hackensack, N. J., and H. A. Smith, Yonkers, N. Y.; said Hammond assignor to E. J. Marston, Greenwich, Conn. Illusion appliance. 1,456,233; May 22.
Hammond, Myron B. (See Taylor, H. H., and Hammond.)
Hammond, Robert J., London, England. Adjustable clamp for rubber pipes and the like. 1,475,487; Nov. 27.
Hammond, Robert O., assignor to J. J. Phillips, Rochester, N. Y. Cabinet for talking-machine records. 1,440,873; Jan. 2.
Hammond, Turner & Sons, Limited. (See Cotton, Bertie R., assignor.)
Hammond Typewriter Company, The. (See Noack, Carl O., assignor.)
Hammond, William A., San Francisco, Calif. Rack. 1,462,542; July 24.
Hammond, William P., Maplewood, N. J. Glass-covered instrument board for motor vehicles. 1,467,636; Sept. 11.
Hammond, William P., Passaic, N. J., assignor to A. Schrader's Son, Incorporated, Brooklyn, N. Y. Pressure gauge. 1,451,257; Apr. 10.
Hamon, Marius A., Paris, France. Apparatus for preventing the stealing of motor cars. 1,452,240; Apr. 17.
Hampden Brass Company. (See Wesson, Paul B., assignor.)
Hampden Toy Company, The. (See Brazee, Raymond L., assignor.)
Hampel, Heinrich, Halle, Germany. Making nitrates. 1,460,898; July 8.
Hampel, Karl, Detroit, Mich., assignor to M. Zakman, Chicago, Ill. Game. 1,444,913; Feb. 13.
Hampshire, Harry F., Philadelphia, Pa., and F. B. Cranmer, Los Angeles, Calif., assignors to Thomson Printing Company. Receptacle for printing presses. 1,449,750; Mar. 27.
Hampson, Alfred E. (See Smith, C. H., and Hampson.)
Hampson, Charles G., New York, N. Y. Stippling surfaces. 1,449,856; Mar. 27.
Hampson, John. (See Macklnnon, F. A., and Hampson.)
Hampton, George E., assignor to Central Electric Tool Company, Pittsburgh, Pa. Electric drive mechanism. 1,456,550; May 29.
Hampton, Isaac M., J. T. Decker, and L. J. Decker, Hartford, Ill. Portable refrigerator. 1,451,823; Apr. 17.
Hampton, Leon N., assignor to Western Electric Company, Incorporated, New York, N. Y. Brake for rolling ladders. 1,471,657; Oct. 23.
Hamre, Henry O. (See Starks, Ray S., assignor.)
Hamren, Eric O., Chicago, Ill. Coupling device. 1,473,625; Nov. 13.
Hamren, Eric O., Chicago, Ill. Friction clutch. 1,473,626; Nov. 13.
Hamric, Grover B., Widen, W. Va. Trolley pole. 1,468,265; Sept. 18.
Hamrock, Frank J., Homestead, Pa. Wheel. 1,443,126; Jan. 23.
Hanak, B. B., Company. (See Wolff, Oscar M., assignor.)
Hanauer, Albert M. (See Bennett, George R., assignor.)
Hanby, Leroy. (See Alden, James B., assignor.)
Hance, George. (See Dandridge, J. W., and Hance.)
Hancock, Abram O., Richmond, Va. Headrest. 1,463,081; July 24.
Hancock, Edmund W., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,464,072; Aug. 7.
Hancock, George L., Geneva, N. Y. Dumping car 1,452,198; Apr. 17.
Hancock, Harry H., Swampscott, assignor to H. A. Sawyer, Lynn, Mass. Printer's quoin. 1,465,984; Aug. 28.
Hancock, Jesse E., assignor of five per cent to F. B. Bullard, Dupont, Ga. Shaking and dumping grate. 1,460,242; June 26.
Hancock, John E., Charleston, S. C. Support for vehicles. 1,459,954; June 26.
Hancock, John W., Denver, Colo. Electric-light fixture. 1,453,794; May 1.
Hancock, Lee B., Richmond, Va. Demountable rim for tires. 1,461,311; July 10.
Hancock, Randolph B., Gary, Ind. Automatic feeding device. 1,458,339; June 12.
Hancock, Raymond F., Marion, Ind., assignor of one-half to J. Boyce, Gibson, Mich., and one-half to H. F. Anderson, Marion, Ind. Glass rolling and pressing machine. 1,466,621; Aug. 28.
Hancock, Victor A., Oakland, Calif. Dirigible headlight. 1,458,761; June 12.
Hancock, William E., Tulsa, Okla. Gas burner. 1,457,833; June 5.
Hancock, William J., Idaho Springs, Colo. Fluid-pressure liquid-pumping device. 1,470,973; Oct. 16.
Hand, Claude E., Walla Walla, Wash. Printing mask. 1,442,723; Jan. 16.
Hand, Erle H., Stapleton, N. Y. Phonographic-disk-record cabinet. 1,446,700; Feb. 27.
Hand, Erle H., Stapleton, N. Y. Car-signal device. 1,461,352; July 10.
Hand, Erle H., Stapleton, N. Y. Convertible cabinet for disk records and the like. 1,464,932; Aug. 14.
Hand, Ernest A., and F. A. Wygant, assignors to The A. J. Deer Company, Incorporated, Hornell, N. Y. Article holder for slicing machines. 1,468,705; Sept. 25.
Hand, Jesse H., Detroit, Mich. Change-speed gearing. 1,472,121; Oct. 30.
Hand, Jesse H., Detroit, Mich. Change-speed gearing. 1,472,122; Oct. 30.
Handasyde, George H. (See Exley, W. H., and Handasyde.)
Handel Maatchappij H. Albert de Bary & Co. (See Hildebrand, Wilhelm, assignor.)
Handel Maatschappij H. Albert de Bary & Co. (See Scheuer, Alfred and H., assignors.)
Handl, Egon, Amsterdam, Netherlands. Means for connecting ferro or reenforced concrete piles to wooden piles. 1,471,124; Oct. 16.
Handlan, Alexander H., St. Louis, Mo. Lantern. 1,477,755; Dec. 18.
Handler, Albert P., St. Louis, Mo. Combined rain coat and cape. 1,445,312; Feb. 13.
Handley, George F., Glendale, assignor to Royal Typewriter Company, Inc., New York, N. Y. Card holder for typewriting machines. 1,440,597; Jan. 2.
Handley, George F., Glendale, N. Y., assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 1,451,423; Apr. 10.
Handley, John H., assignor to Stephen Sanford & Sons, Inc., Amsterdam, N. Y. Rug. Des. 62,946; Aug. 28.
Handley, William. Camden, N. J. Elastic fabric. 1,473,427; Nov. 6.

Alphabetical list of patentees—Continued.

Handly, William G., St. Albans, Vt. Patch. 1,458,053; June 5.
Hands, Howard A., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Resistor-supporting means for electric resistance furnaces. 1,477,347; Dec. 11.
Handschug, Earl C., St. Louis, Mo. Patch for tires. 1,459,887; June 26.
Handy, Frederick E. (See St. Peter, Napoleon, assignor.)
Handy, Lucien H., Oakland, Calif. Flushing apparatus. 1,440,827; Jan. 2.
Handy, Royal S., Kellogg, Idaho. Electrolytic cell. 1,476,251; Dec. 4.
Handy, Royal S., and E. Hearing, Kellogg, Idaho. Hydraulic classifier. 1,476,250; Dec. 4.
Hanemann, Max., Munster, Germany. Making wood everlastingly flexible. 1,457,974; June 5.
Haner, Carl, jr., Baltimore, Md., assignor to U. S. Industrial Alcohol Co. Apparatus for obtaining potash from distillery waste by burning the same. 1,444,833; Feb. 13.
Hanes, James G., Winston-Salem, N. C. Apparatus for drying hosiery. 1,472,978; Nov. 6.
Hanes, James G., Winston-Salem, N. C. Knitting-machine needle. 1,475,182; Nov. 27.
Hanes, Jarnett E., Alma, Ill. Axle straightener. 1,463,082; July 24.
Haney, Edwin H., Los Angeles, Calif. Self-loading truck. 1,444,604; Feb. 6.
Haney, Edwin H., Los Angeles, Calif. Lubricating system for automobiles. 1,470,165; Oct. 9.
Hanff, Edward A. (See Moore, W. E., Alter, Hanff, Eckley, and Wright.)
Hanford, Orrin A., Pasadena, Calif. Hand tool for opening bottles and cans. 1,471,027; Oct. 16.
Hanft, George A., assignor to Newark Mask Co. Inc., Irvington, N. J. Cord terminal for mask fasteners. 1,461,900; July 17.
Hanhart, Karl G., Rüschlikon, assignor to Farberei Weidmann A.-G., Thalwil, Switzerland. Vessel. 1,462,543; July 24.
Hanke, August J., Chicago, Ill. Floor mop. 1,474,031; Nov. 13.
Hanke, Laurence F., and W. J. Stinson, Chicago, Ill. Game. 1,469,301; Oct. 2.
Hanker, Frederic C., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Automatic substation. 1,460,156; June 26.
Hanker, Frederic C., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric regulator system. 1,470,730; Oct. 16.
Hanks, George R. (See Apgar, S, and Hanks.)
Hanks, George R., assignor to Taylor-Wharton Iron and Steel Company, High Bridge, N. J. Grinding body and producing same. 1,451,335; Apr. 10.
Hanks, Ray H., Henryetta, Okla. Potato digger. 1,478,952; Dec. 25.
Hanley, George C., Malden, Mass. Shut-off cock. 1,466,828; Sept. 4.
Hanley, John W., New York, N. Y. Game board. Des. 63,366; Nov. 27.
Hanley, Thomas F., Chicago, Ill. Reinforced pipe or fitting. 1,467,933; Sept. 11.
Hanley, William, East Orange, assignor to Ferguson Brothers Manufacturing Company, Hoboken, N. J. Ash tray. Des. 62,988; Sept. 4.
Hanley, William, East Orange, assignor to Ferguson Brothers Manufacturing Company, Hoboken, N. J. Ash tray. Des. 62,989; Sept. 4.
Hanley, William, East Orange, assignor to Ferguson Brothers Manufacturing Company, Hoboken, N. J. Ash tray. Des. 62,990; Sept. 4.
Hanley, William, East Orange, assignor to Ferguson Brothers Manufacturing Company, Hoboken, N. J. Smoker's set. 1,477,172; Dec. 11.
Hanley, William L., jr., Bradford, Pa. Apparatus for the manufacture of hollow tile. 1,455,249; May 15.
Hanlon, George W., Darby, Pa. Skate sharpener. 1,441,499; Jan. 9.
Hanlon & Goodman Company. (See Wright, Ernest B., assignor.)
Hanlon Locomotive Sander Company. (See Allan, John R., assignor.)
Hanlon, Patrick. (See Phillips, G., and Hanlon.)
Hanlon, William H., Martinez, Calif. Typesetting machine. 1,441,680; Jan. 9.
Hanman, John, London, England, and G. Hazelton, Portadown, Ireland. Detachable wheel and the like. 1,463,695; July 31.
Hanmer, Laurence G., New York, N. Y. Radiator. 1,443,819; Jan. 30.
Hanna Engineering Works. (See Krause, William P., assignor.)
Hanna, John T., Hudson, Wis. Treating milk or cream. 1,471,460; Oct. 23.
Hanna, John T., and L. E. Coon, Hudson, Wis.; said Coon assignor to said Hanna. Apparatus for treating cream, etc. 1,442,336; Jan. 16.
Hanna, Richard W., W. D. Mason, and W. G. Hamilton, Richmond, assignors to Standard Oil Company, San Francisco, Calif. Cracking hydrocarbon oils under pressure to produce a low-boiling-point fraction from a higher-boiling-point oil or fraction. 1,449,226; Mar. 20.
Hanna, Richard W., W. D. Mason, and W. G. Hamilton, Richmond, Calif., assignors to Standard Oil Company, San Francisco, Calif. Cracking hydrocarbon oils under pressure. 1,449,227; Mar. 20.
Hanna, William T., Cincinnati, Ohio. Locomotive-engine stoker mechanism. 1,445,275; Feb. 13.
Hannaford, Cleon M., Richmond, Va. Lock lift and uncoupling arrangement used with car couplings. 1,446,345; Feb. 20.
Hannaford, Cleon M., Richmond, Va. Angle-cock holder. 1,455,609; May 15.
Hannaford, Richard S., Brownville, Nebr. Reconditioning steels. 1,442,337; Jan. 16.
Hannah, William G., Paterson, N. J. Preparing wound packages from skeins. 1,450,544; Apr. 3.
Hannay, William H., Trail, British Columbia, assignor to The Consolidated Mining & Smelting Company of Canada, Limited, Montreal, Quebec, Canada. Extraction of lead from sulphide ores. 1,456,798; May 29.
Hanneman, Richard E., East Moline, assignor to Deere & Company, Moline, Ill. Screen for corn shellers. 1,461,144; July 10.
Hanner, Edward, Philadelphia, Pa. Hoop. 1,451,258; Apr. 10.
Hanney, Angus F., Chicago, Ill. Laundry appliance. 1,469,300; Oct. 2.
Hanney, Angus F., assignor to Eureka Rough Dry Pin System Co., Chicago, Ill. Laundry-sorting appliance. 1,459,205; June 19.
Hanney, Angus F., assignor to Eureka Rough Dry Pin System Co., Chicago, Ill. Laundry-tag carrier. 1,478,825; Dec. 25.
Hanney, Angus F., and A. Gammell, assignors to Eureka Rough Dry Pin System Co., Chicago, Ill. Tag-releasing device. 1,475,011; Nov. 20.
Hannifin, Arthur V. (See Vosburg, A. E., and Whitney, assignors.)
Hannigan, Martin F. (See Powers, W. E., and Hannigan.)
Hannon, Edmund H., Dedham, assignor to The Stafford Company, Readville, Mass. Loom picker-retaining device. 1,441,802; Jan. 9.
Hannsz, Walter L., Houston, Tex. Registering attachment for sewing machines. 1,440,460; Jan. 2.
Hannula, Frank E., and W. E. Trombley, Lansing, Mich. Can rubber. 1,444,501; Feb. 6.
Hanrahan, John H., Guilford, Conn. Hose coupling. 1,474,586; Nov. 20.
Hanrahan, John J., Niagara Falls, N. Y. Luggage carrier. 1,455,023; May 15.
Hanrahan, Joseph F., Chicago, Ill. Dry kiln. 1,471,602; Oct. 23.
Hanrath, Theodore W., Chicago, Ill. Buffing wheel. 1,473,765; Nov. 13.
Hans, Edmund E., Kalamazoo, Mich. Filtering means for lubricating systems. 1,462,175; July 17.
Hans, Oscar E., Bartlesville, Okla. Apparatus for separating liquids of different densities. 1,450,545; Apr. 3.
Hans, Oscar E., Tulsa, Okla. Camping outfit. 1,466,224; Aug. 28.
Hans Renold Limited. (See Herford, R. O., and Renshaw, assignors.)
Hansard, Hugh H., Montreal, Quebec, Canada. Wrist support. 1,469,315; Oct. 2.
Hansard, Robert L. (See Castle, W. E., and Hansard.)
Hanscom, Ralph B., Morristown, S. Dak. Lubricating device for automobiles, etc. 1,463,421; July 31.
Hanselman, Arthur H., St. Paul, Minn. Fishhook. 1,452,377; Apr. 17.
Hanselmann, Charles. (See Rodgers, John F., assignor.)
Hansemann, Richard A. (See Fahlenberg, Hermann, assignor.)
Hansemann, Richard A. (See Kucharski, Stanislaus, assignor.)
Hansen, A. L., Mfg. Co. (See Hansen, Augie L., assignor.)
Hansen, Albert E. (See Dietz, B. H., and Hansen.)
Hansen, Anton O., St. Paul, Minn. Lathe attachment. 1,443,127; Jan. 23.
Hansen, Arthur E., assignor to Young Iron Works, Inc., Seattle, Wash. Hydraulic hoist for trucks. 1,455,528; May 15.
Hansen, Augie L., Evanston, Ill. Tufting needle. 1,469,906; Oct. 9.
Hansen, Augie L., Evanston, assignor to A. L. Hansen Mfg. Co., Chicago, Ill. Lamp. 1,464,988; Aug. 14.
Hansen, August, Aberdeen, S. Dak. Automatic punching device. 1,451,219; Apr. 10.
Hansen, Axel L., Chicago, Ill. Drag chain. 1,443,989; Feb. 6.
Hansen Canning Machinery Corporation. (See Hansen, Oswald H., assignor.)
Hansen, Charles C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Rock drill. 1,443,128; Jan. 23.
Hansen, Charles C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Independent rotation for percussive tools. 1,451,362; Apr. 10.
Hansen, Charles C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Lug chuck for rock drills. 1,451,363; Apr. 10.
Hansen, Charles C., Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Rotation release for rock drills. 1,452,154; Apr. 17.

Hansen, Charles C., Easton, Pa., assignor to Ingersoll Rand Company, Jersey City, N. J. Automatic liquid valve. 1,452,155; Apr. 17.

Hansen, Charles C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Hand regulating valve for rotation motors. 1,456,234; May 22.

Hansen, Charles C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Soil-coring tool. 1,456,983; May 29.

Hansen, Charles C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Pneumatic coal pick. 1,477,259; Dec. 11.

Hansen, Charles C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Oiling device for rock drills. 1,478,220; Dec. 18.

Hansen, Christian. (See Carstens, H., and Hansen.)

Hansen, Edward W., Minden, Nebr. Pitman. 1,457,434; June 5.

Hansen, Fred E. (See Frazier, J. W., and Hansen.)

Hansen, Hans K., San Pedro, Calif. Wood-cutter sizer head. 1,461,090; July 10.

Hansen, Henry J. (See Schowe, H. G., and Hansen.)

Hansen, John S., Brockton, Mass. Adjustable shoe-tree. 1,460,963; July 3.

Hansen, Joseph, assignor to Marine Specialty Manufacturing Company, Seattle, Wash. Trolling spoon. 1,450,546; Apr. 3.

Hansen, Klaus L., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Arc-welding dynamo-electric machine. 1,453,389; May 1.

Hansen, Maurice H., Seattle, Wash. Cylinder-reboring machine. 1,461,877; July 17.

Hansen, Morten F., New Auburn, Wis. Planter. 1,459,097; June 19.

Hansen, Niels, East Stanwood, Wash. Wood-sawing machine. 1,440,461; Jan. 2.

Hansen, Niels, East Stanwood, Wash. Adjustable seat. 1,442,664; Jan. 16.

Hansen, Oscar C., Orosi, Calif. Differential steering mechanism for tractors. 1,448,117; Mar. 13.

Hansen, Oswald H., Port Washington, Wis., assignor to Hansen Canning Machinery Corporation. Blancher. 1,445,276; Feb. 13.

Hansen, Oswald H., Port Washington, Wis., assignor to Hansen Canning Machinery Corporation. Conveyer bucket. 1,445,277; Feb. 13.

Hansen, Oswald H., Port Washington, Wis., assignor to Hansen Canning Machinery Corporation. Can-filling machine. 1,460,198; June 26.

Hansen, Oswald H., Port Washington, Wis., assignor to Hansen Canning Machinery Corporation. Preserving food. 1,474,820; Nov. 20.

Hansen, Oswald H., assignor to Hansen Canning Machinery Corporation, Port Washington, Wis. Sterilizing apparatus. 1,478,221; Dec. 18.

Hansen, Oswald H., assignor to Hansen Canning Machinery Corporation, Port Washington, Wis. Cooker. 1,478,222; Dec. 18.

Hansen, Oswald H., assignor to Hansen Canning Machinery Corporation, Port Washington, Wis. Sterilizing apparatus. 1,478,223; Dec. 18.

Hansen, Severin T. (See Rasmussen, Thorvald, assignor.)

Hansen, Theodore C., Chicago, Ill. Routing machine. 1,462,962; July 24.

Hansen, Thomas C., Caney, Kans. Making crowns and forms therefor. 1,465,472; Aug. 21.

Hansen, Thomas C., Caney, Kans. Means for molding backings for artificial teeth. 1,465,473; Aug. 21.

Hansen, William D., Chicago, Ill. Roll film for cameras. 1,467,543; Sept. 15.

Hansen's, Chr., Laboratory, Inc. (See Monrad, Karl J., assignor.)

Hanses, William A., assignor to Rand, McNally & Co., Chicago, Ill. Map case. 1,457,026; May 29.

Hansmann, Paul, and H. Strack, Long Prairie, Minn. Antiside-draft plow. 1,462,135; July 17.

Hanson, Adolf K., Chicago, Ill. Washing machine. 1,462,911; July 24.

Hanson, Albert B. (See Perry, James M., assignor.)

Hanson, Alfred, sr., Yonkers, N. Y. Yarn-printing machine. 1,475,628; Nov. 27.

Hanson, Bengt M. W., Hartford, Conn. Thread gauge. 1,446,645; Feb. 27.

Hanson, Bengt M. W., Hartford, Conn. Wheel-truing mechanism. 1,465,266; Aug. 21.

Hanson, Bengt M. W., Hartford, Conn. Tool and holder therefor. 1,466,899; Sept. 4.

Hanson, Bengt M. W., Hartford, Conn. Chuck. 1,469,833; Oct. 9.

Hanson, Bengt M. W., Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Wheel-dressing mechanism. 1,447,383; Mar. 6.

Hanson, Bengt M. W., Hartford, assignor to Skayef Ball Bearing Company, West Hartford, Conn. Ball bearing. 1,467,378; Sept. 11.

Hanson, Byron L., Chicago, Ill. Automatic drifting device for locomotives. 1,464,278; Aug. 7.

Hanson, Charles C., and J. Twardowsky, assignors, by mesne assignments, to Universe Corporation, Chicago, Ill. Compressor. 1,458,702; June 12.

Hanson, Charles C., and J. Twardowsky, assignors, by mesne assignments, to Universe Corporation, Chicago, Ill. Compressor. 1,462,695; July 24.

Hanson, Charles C., and J. Twardowsky, assignors, by mesne assignments, to Universe Corporation, Chicago, Ill. Expansion valve. 1,462,696; July 24.

Hanson, Chris, Fort Dodge, Iowa. Sand-blast spark-plug cleaner. 1,475,992; Dec. 4.

Hanson, Earl C. (See Carlson, W. L., and Hanson.)

Hanson, Earl C., Washington, D. C. Aircraft-landing station. 1,446,385; Feb. 20.

Hanson, Earl C., and W. L. Carlson, Washington, D. C. Radiotelegraph system. 1,463,391; July 31.

Hanson, Earl C., and W. L. Carlson, Washington, D. C. Therapeutic electrode. 1,463,392; July 31.

Hanson, Emil J., Viroqua, Wis. Combination tool. 1,459,531; June 19.

Hanson, Gustave, and C. A. Nelson, East Berlin, Conn., assignors to Lancaster Iron Works, Lancaster, Pa. Portable conveyers. 1,461,707; July 10.

Hanson, Haldor M., Grafton, N. Dak. Sack holder. 1,446,346; Feb. 20.

Hanson, Hans A., assignor to F. Lott, Eau Claire, Wis. Gear shift. 1,464,037; Aug. 7.

Hanson, Hans A., assignor of forty-five one-hundredths to F. Lott, Eau Claire, Wis. Gear shift. 1,464,038; Aug. 7.

Hanson, Hans P., Chicago, Ill. Closure for automobile radiators and the like. 1,476,074; Dec. 4.

Hanson, Henry, assignor to Wilcox, Crittenden and Company, Incorporated, Middletown, Conn. Bilge pump. 1,452,378; Apr. 17.

Hanson, Henry J., Thor, Iowa. Wire reel. 1,463,696; July 31.

Hanson, Henry W., Cheney Center, Colo. Top for tractors. 1,465,712; Aug. 21.

Hanson, Hjalmar S. (See Halvorsen, Fredrik, assignor.)

Hanson, James and R. G., Stafford, England. Rock-drilling apparatus. 1,450,208; Apr. 3.

Hanson, John, Doyhof, Alaska. Trawling swivel. 1,444,876; Feb. 13.

Hanson, John, Alderson, Alberta, Canada. Water drain for windows. 1,451,021; Apr. 10.

Hanson, John A., Harwood, N. Dak. Seal case and ejector. 1,451,069; Apr. 10.

Hanson, Lennie A., Kirkland, Wash. Side wing for windshields. 1,466,713; Sept. 4.

Hanson, Martin, St. Paul, Minn. Automatic drain valve. 1,468,068; Sept. 18.

Hanson, Milton E., Baltimore, Md., assignor to F. W. Jefferson, trustee, Short Hills, N. J. Vehicle wheel. 1,464,479; Aug. 7.

Hanson, Oscar W., Salina, Kans. Piston packing ring. 1,477,120; Dec. 11.

Hanson, Richard G. (See Hanson, James and R. G.)

Hanson, Sigurd C., Chippewa Falls, Wis. Deep-well pump mechanism. 1,445,510; Feb. 13.

Hanson, Sigvort, assignor to Racine Dispenser Manufacturing Company, Racine, Wis. Dispensing machine. 1,475,341; Nov. 27.

Hanson & Van Winkle Co., The. (See Daniels, John T., assignor.)

Hanson & Van Winkle Company, The. (See Todd, Van Winkle, assignor.)

Hanson, Wilburt D., Grove City, Minn. Fishhook. 1,464,571; Aug. 14.

Hanson, Wilhelm E., Lajord, Saskatchewan, Canada. Barrel hoist. 1,476,607; Dec. 4.

Hanton, John T., Putnam, Conn. Twister ring. 1,457,027; May 29.

Hantsch, Alfred P., New Brunswick, N. J. Photographic plate and utilizing the same. 1,455,724; May 15.

Häny & Co. (See Häny, Robert, assignor.)

Häny, Robert, assignor to the Firm Häny & Co., Obermeilen, Switzerland. Cutting device. 1,449,040; Mar. 20.

Haon, Harry J., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Measuring and feeding device. 1,454,439; May 8.

Hapgood, Clarence H., Toledo, Ohio, assignor of one-half to F. V. Waltz, St. Louis, Mo. Flush-tank valve mechanism. 1,457,571; June 5.

Hapgood, Clarence H., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 1,470,666; Oct. 16.

Hapgood, Clarence H., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 1,470,667; Oct. 16.

Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Actuating means for milking-machine pulsators. 1,452,600; Apr. 24.

Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Purifying and dehydrating switch oil. 1,460,718; July 3.

Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Separating wax from mineral-oil lubricating stock. 1,464,707; Aug. 14.

Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Centrifugally separating refrigerated ingredients and centrifugal bowl used in such process. 1,472,868; Nov. 6.

Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Milk releaser. 1,474,669; Nov. 20.
Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Process of and apparatus for resolving emulsions. 1,474,670; Nov. 20.
Hapgood, Cyrus H., New York, N. Y., assignor to G. P. Carroll, Hartford, Conn. Refrigerating machine. 1,471,125; Oct. 16.
Hapgood, Cyrus H., Nutley, and G. F. Mayno, East Orange, N. J., assignors to The De Laval Separator Company, New York, N. Y. Refining vegetable oils. 1,457,072; May 29.
Hapgood, Oscar D., Montague, assignor to Goodell-Pratt Company, Greenfield, Mass. Hand tool. 1,449,400; Mar. 27.
Hapgood, Oscar D., Montague, assignor to Goodell-Pratt Company, Greenfield, Mass. Tool. 1,462,963; July 24.
Happ, Edward A. (See Happ, Leonard and E. A.)
Happ, Leonard and E. A., Brooklyn, N. Y. Guard. 1,478,953; Dec. 25.
Happel, Omar C., Louisville, Ky. Spring wheel. 1,449,039; Mar. 20.
Happensack, Edward F., assignor to The O. P. Schriver Company, Cincinnati, Ohio. Mill and press. 1,469,724; Oct. 2.
Harase, Hanzaburo, Los Angeles, Calif. Telephone card-directory holder. 1,467,290; Sept. 4.
Harbaugh, Harry E., C. F. Buquo, and G. F. Spaeth, Cincinnati, Ohio; said Buquo and said Spaeth assignors to said Harbaugh. Moving-picture-film protector. 1,470,975; Oct. 16.
Harbaugh, James E., and F. H. Byrd, Moberly, Mo. Filing device. 1,449,177; Mar. 20.
Harbaugh, John W. (See Burns, Benjamin F., assignor.)
Harberg, Roy B., et al. (See Metzsch, Soren, assignor.)
Harbison, Benjamin. (See Smith, H. A., Le Gendre, and Harbison.)
Harburg, James E., assignor to Yerrick Manufacturing Co., Denver, Colo. Tool. 1,451,727; Apr. 17.
Hard Manufacturing Company. (See Dyett, James H., assignor.)
Hard, Merrill W., Detroit, Mich., assignor of one-half to W. L. Mack, Chicago, Ill. Chair. 1,456,235; May 22.
Hardaker, Ernest R., Jerome, Idaho. Measuring device. 1,478,954; Dec. 25.
Hardaway, Jarder, Pittsburgh, Pa. Game trap. 1,450,775; Apr. 3.
Harden, James A., Ada, Okla. Boll-weevil exterminator. 1,459,626; June 19.
Harden, William C., Odenville, Ala. Trolley wheel. 1,443,990; Feb. 6.
Harden, William H., Mantee, Miss. Combined refrigerator and cheese cutter. 1,476,608; Dec. 4.
Hardenburg, Howard R. (See Sager, F., and Hardenburg.)
Harder, Andrew J., West Watertown, S. Dak. Traction wheel. 1,443,076; Jan. 23.
Harder, Frederick E., Detroit, Mich. Rail joint. 1,457,302; June 5.
Harder Manufacturing Corporation. (See Rowley, A. W., and Ryder, assignors.)
Harder, Paul, Red Wing, Minn. Folding box. 1,467,724; Sept. 11.
Harder, W. J. (See Hoffman, George A., assignor.)
Hardesty, Leslie F., Terra Alta, W. Va. Trap. 1,462,007; July 17.
Hardey, Virgil S., Chicago, Ill. Switch. 1,463,551; July 31.
Hardie, James, and Company Limited. (See Newman, John G., assignor.)
Hardie, John C., Brockton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for marking soles. 1,474,360; Nov. 20.
Hardin, Homer F., Houlton, Oreg., assignor to Hardin Mfg. Company, Kalama, Wash. Brake-operating device. 1,464,761; Aug. 14.
Hardin Mfg. Company. (See Hardin, Homer F., assignor.)
Harding, Charles B., et al. (See Mason, William S., assignor.)
Harding, Dana E., Danvers, Mass. Leather-boarding machine. 1,466,283; Aug. 28.
Harding, Edwin, Alexandria, La. Ice-sawing device. 1,447,468; Mar. 6.
Harding, Elmon D., Montevideo, Minn. Memorial tablet and grave marker. 1,455,882; May 22.
Harding, Henry O., assignor to Washburn-Crosby Company, Minneapolis, Minn. Automatic controlling mechanism for flour-packing machines. 1,454,278; May 8.
Harding, Henry O., and J. Jessen, Minneapolis, Minn.; said Jessen assignor to said Harding. Sack-closing machine. 1,469,083; Sept. 25.
Harding, Hiram R. (See Du Pont, A. I., and Harding.)
Harding, Hiram R., assignor to The Harding Peeling Machine Company, Inc., Wilmington, Del. Machine for skinning and coring tomatoes. 1,448,532; Mar. 13.
Harding, Mont R., Steubenville, Ohio. Stove attachment. 1,475,115; Nov. 20.
Harding Peeling Machine Company, The. (See Du Pont, A. I., and Harding, assignors.)
Harding Peeling Machine Company, The. (See Harding, Hiram R., assignor.)
Harding, Thomas, and B. Biehl, sr., Newark, N. J., assignors to J. L. Sommer Manufacturing Co. Can-opening wrench. 1,457,774; June 5.
Hardinge Brothers, Inc. (See Hardinge, Franklin, assignor.)
Hardinge, Franklin, assignor to Hardinge Brothers, Incorporated, Chicago, Ill. Fuel-oil burner. 1,447,384; Mar. 6.
Hardinge, Franklin, assignor to Hardinge Brothers, Inc., Chicago, Ill. Oil burner. 1,447,385; Mar. 6.
Hardinge, Franklin, assignor to Hardinge Brothers, Inc., Chicago, Ill. Oil burner. 1,455,049; May 15.
Hardinge, Franklin, assignor to Hardinge Brothers, Inc., Chicago, Ill. Oil burner. 1,456,799; May 29.
Hardinge, Franklin, assignor to Hardinge Brothers, Inc., Chicago, Ill. Valve. 1,470,974; Oct. 16.
Hardinge, Harry W., New York, N. Y. Rod mill. 1,449,751; Mar. 27.
Hardinge, Harry W., New York, N. Y. Apparatus for entraining and removing fines from conical mills. 1,450,289; Apr. 3.
Hardinge, Harry W., New York, N. Y. Oversize return for mills. 1,450,290; Apr. 3.
Hardinge, Henry H., Chicago, Ill. Plane. 1,459,206; June 19.
Hardman, Peck & Co. (See Bukow, Reinhold, assignor.)
Hardman, Peter, Willimantic, Conn., assignor to The American Thread Company, Jersey City, N. J. Twisting machinery. 1,446,646; Feb. 27.
Hardoncourt, Arthur, New York, N. Y. Channel brick. 1,463,697; July 31.
Hardoncourt, Arthur, jr., Richmond Hill, N. Y. Clay shingle block and wall construction. 1,464,423; Aug. 7.
Hardwicke-Etter Company. (See Streun, John A., assignor.)
Hardwood, George S., & Son. (See Howe, Joseph B., assignor.)
Hardy, Charles, and Ruperti, Inc. (See Weber, Max G., assignor.)
Hardy, F. A., & Company. (See Howe, Thomas M., as signor.)
Hardy, Herman F. (See Daughtery, John A., assignor.)
Hardy, Marcel A., Hennebont, France. Manufacture of extruded metal sections. 1,456,128; May 22.
Hardy, Samuel R., and R. A. Cochran, Dayton, Tex. Automatic brake-setting device. 1,464,039; Aug. 7.
Hardy, Winfield A., Brooklyn, N. Y. Index tab. 1,455,288; May 15.
Hare, Charles N., Los Angeles, Calif. Ocean compressed-air power. 1,470,361; Oct. 9.
Haren, Urban, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for building laminated strips. 1,452,379; Apr. 17.
Hargrave, John M., Cincinnati, Ohio. Ratchet hand tool. 1,456,692; May 29.
Hargraves, Albert, assignor to The Firestone Tire and Rubber Company, Akron, Ohio. Solid-tire-grooving machine. 1,442,612; Jan. 16.
Hariveau, Paul, Paris, France. Centrifugal pump. 1,474,671; Nov 20.
Harker, Lee A. (See Wells, A. S., and Harker.)
Harkins, Thomas F., assignor, by mesne assignments, to The Little Giant Machine Company, Denver, Colo. Placer-mining machine. 1,473,039; Nov. 6.
Harklow, Hans H. H., Freeport, N. Y. Derrick. 1,453,108; Apr. 24.
Harlan, Mac, assignor to Des Moines Hoisery Mills, Des Moines, Iowa. Exhibitor for goods. 1,459,532; June 19.
Harlan, Milton J., Chicago, Ill. Device for forming chocolates. 1,475,579; Nov. 27.
Harley-Davidson Motor Co. (See Harley, William S., assignor.)
Harley-Davidson Motor Co. (See Ziska, Adam, jr., assignor.)
Harley, Erskine P., Oklahoma, Okla. Seat. 1,457,245; May 29.
Harley, Henry G., Camberley, England. Cylinder-cooling system of internal-combustion engines. 1,447,548; Mar. 6.
Harley, William S., assignor to Harley-Davidson Motor Co., Milwaukee, Wis. Combined engine shaft, clutch, and transmission. Re15,578; Apr. 17.
Harley, William S., assignor to Harley-Davidson Motor Co., Milwaukee, Wis. Distributor cap or the like. 1,459,671; June 19.
Harley, William S., assignor to Harley-Davidson Motor Co., Milwaukee, Wis. Rivet remover. 1,469,594; Oct. 2.
Harley, William S., assignor to Harley-Davidson Motor Co., Milwaukee, Wis. Engine. 1,472,068; Oct. 30.
Harloe, Morton, assignor to The Harloe Tire Company, Inc., Winchester, Va. Resilient wheel. 1,475,488; Nov. 27.
Harloe Tire Company, The. (See Harloe, Morton, assignor.)
Harlow, Brinton M. (See Beach, Edgar, assignor.)
Harlow, John, Oceanpark, assignor of one-half to H. Paine, Los Angeles, Calif. Apparatus for making moving portraits. 1,478,278; Dec. 18.

Harlow, John B., Upper Montclair, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Impulse-transmitting mechanism. 1,442,429; Jan. 16.
Harlow, John B., Upper Montclair, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Detecting system. 1,466,284; Aug. 28.
Harlow, John B., Upper Montclair, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Signaling system. 1,478,008; Dec. 18.
Harman, Ferrin C. (See Harman, Henry and F. C.)
Harman, Henry and F. C., Custer City, Okla. Antidrip pump. 1,452,686; Apr. 24.
Harman, William H. (See Schranz, F. G., and Harman.)
Harmata, Ilko, Boyle, Alberta, Canada. Automatic bridge gate. 1,461,901; July 17.
Harmer, Joseph P. (See Hussey, Lindley M., assignor.)
Harmon, Edwin L., assignor to Corona Typewriter Company, Inc., Groton, N. Y. Typewriting machine. 1,461,731; July 17.
Harmon, Edwin L., and O. Petermann, assignors to Corona Typewriter Company, Inc., Groton, N. Y. Typewriting machine. 1,464,818; Aug. 14.
Harmon, James B., Helena, Mont. Vehicle wheel. 1,452,423; Apr. 17.
Harmon, Nathaniel O., Los Angeles, Calif. Hydraulic classifier. 1,467,285; Sept. 4.
Harmon, Richard J., Binghamton, N. Y. Cold chisel. 1,471,461; Oct. 23.
Harmon, William M. (See Butcher, William L., assignor.)
Harmon, William O., La Pryor, Tex. Foot scraper. 1,475,818; Nov. 27.
Harmon, Willie T., Sangerville, Me. Animal trap 1,460,199; June 26.
Harmon, Willis E., Worcester, Mass. Shock absorber. 1,463,552; July 31.
Harms, Charles A., Indianapolis, Ind., assignor, by mesne assignments, to Ludlow Typograph Company, Chicago, Ill. Typograph mechanism. 1,462,338; July 17.
Harmsen, Enrique G. D., Hacienda Sausal, via Truxillo, Peru. Pocket level. 1,447,077; Feb. 27.
Harmsen, Enrique G. D., Hacienda Sausal, via Truxillo, Peru. Pocket level. 1,447,078; Feb. 27.
Harmsen, Enrique G. D., Hacienda Sausal, via Truxillo, and M. Kalafatovic, Cuzco, Peru. Safety box. 1,447,079; Feb. 27.
Harnapp, Dinkelspiel & Co. (See Dinkelspiel, Lawrence, assignor.)
Harnapp, Dinkelspiel & Co. (See Dinkelspiel, L., and Bosshardt, assignors.)
Harnden, Charles A., Alderley Edge, England. Embossing machine or press. 1,466,714; Sept. 4.
Harned, Ada K., New York, N. Y. Display box. 1,461,656; July 10.
Harnett, James H., Nutley, N. J. Spindle. 1,457,572; June 5.
Harney, Thomas R., Short Hills, N. J., assignor to New Process Acid Company, Inc., New York, N. Y. Method and apparatus for manufacturing sulphuric acid. 1,457,164; May 29.
Harnisch, Fredrick. (See Gobel, A., Harnisch, and Janke.)
Harpe, Larrabee B., Louisville, Ky. Snap fastener. 1,454,890; May 15.
Harper, A., Sons, and Bean Limited. (See Richards, John W., assignor.)
Harper Bean Limited. (See Hey, G., and Wilding, assignors.)
Harper, Charles E., jr. (See Taylor, A. J., jr., and Harper.)
Harper, Freeman R., Woburn, Mass. Carburetor attachment. 1,449,101; Mar. 20.
Harper, George, Huntly, Aberdeen, Scotland. Soldering tool. 1,464,933; Aug. 14.
Harper, George W., assignor to The Columbia Axle Company, Cleveland, Ohio. Axle construction. 1,446,502; Feb. 27.
Harper, John T., Leoti, Kans. Lace eyelet. 1,460,899; July 3.
Harper, Robert J., sr., Chicago, Ill. Elevator-door lock. 1,466,900; Sept. 4.
Harper, Worthy C., Coldwell, Ohio. Pin fastener. 1,442,613; Jan. 16.
Harpham, G. E. (See Kittle, Charles R., assignor.)
Harpham, George E., Los Angeles, Calif. Trolley retriever. 1,441,500; Jan. 9.
Harpham, Julius C., Lincoln, Nebr. Harness rosette. Des. 62,255; Apr. 24.
Harpham, Julius C., Lincoln, Nebr. Harness rosette. Des. 62,256; Apr. 24.
Harpham, Julius C., Lincoln, Nebr. Harness rosette. 1,457,659; June 5.
Harpin, Louis J., Kankakee, Ill. Washboard clamp. 1,477,482; Dec. 11.
Harpman, Charles A. (See Pennypacker, Orrie F., assignor.)
Harrell, Louis S., Baton Rouge, La. Oiler. 1,473,852; Nov. 13.
Harrell, William T., Wichita, Kans. Electric water sterilizer and purifier. 1,454,736; May 8.
Harrer, Clarence, Port Washington, Wis. Automatic bottle closure. 1,456,774; May 29.
Harrich, Paul, Rochelle Park, N. J., assignor to New Process Cork Company, Brooklyn, N. Y. Lacquering machine. 1,448,065; Mar. 13.
Harrich, Paul, Rochelle Park, N. J., assignor to New Process Cork Company, Brooklyn, N. Y. Cork-rod baker. 1,478,873; Dec. 25.
Harried, Knute, Sacred Heart, Minn. Animal trap. 1,456,377; May 22.
Harrigan, Patrick J., Chicago, Ill. Railway tie. 1,475,299; Nov. 27.
Harrigan, Thomas M., Woodstock, Vt. Device for eliminating body capacity effects in radio instruments. 1,464,708; Aug. 14.
Harriman, George W. R., Malden, Mass. Transportation map. 1,448,960; Mar. 20.
Harriman, George W. R., Malden, Mass. Chart. 1,448,961; Mar. 20.
Harriman National Bank of the City of New York, trustee. (See Vasselli, Anthony, assignor.)
Harrington, Albert G., Birmingham, Mich. Combined pail and stand. 1,460,484; July 3.
Harrington, Bertie S., Fort Worth, Tex. Measuring and filling machine. 1,464,676; Aug. 14.
Harrington, Cecil H. (See Spaugh, W. T., and Harrington.)
Harrington, Clinton O., assignor to Aldobilt Company, Chicago, Ill. Maintaining a source of light in a desired position in lanterns. 1,461,187; July 10.
Harrington, Clinton O., assignor to Aldobilt Company, Chicago, Ill. Focusing finder for lanterns. 1,461,418; July 10.
Harrington, Clinton O., assignor to Aldobilt Company, Chicago, Ill. Multiple bond for signal-service track-circuit rails. 1,469,302; Oct. 2.
Harrington, Edwin, Son & Company. (See Scott, Robert F., assignor.)
Harrington, John F., assignor to Hutchinson Egg Case Filler Company, Hutchinson, Kans. Salt-pouring spout. 1,464,073; Aug. 7.
Harrington, Lorretta C., St. Paul, Minn. Bracket. 1,470,261; Oct. 9.
Harrington, Norman T., Cleveland, Ohio. Tower. 1,451,259; Apr. 10.
Harrington, Thomas F., Galion, Ohio. Plastic composition. 1,446,178; Feb. 20.
Harrington, William F., Toledo, Ohio, assignor to The Willys-Overland Company. Change-speed gearing for automobiles. 1,470,976; Oct. 16.
Harrington, William F., assignor to The Willys-Overland Company, Toledo, Ohio. Valve-adjusting mechanism. 1,474,078; Nov. 13.
Harrington, William F., assignor to The Willys-Overland Company, Toledo, Ohio. Steering-column support. 1,478,389; Dec. 25.
Harrington, William F., and F. C. Speke, assignors to The Willys-Overland Company, Toledo, Ohio. Automobile bumper. 1,448,801; Mar. 20.
Harrington, William H., assignor to The Arrow Electric Company, Hartford, Conn. Attachment plug. Des. 62,722; July 24.
Harrington, William H., assignor to The Arrow Electric Company, Hartford, Conn. Electric switch. 1,466,507; Aug. 28.
Harris Accessory Company. (See Harris, William A., assignor.)
Harris, Albert G., assignor of one-half to T. O. Varble, Louisville, Ky. Combination holder, wrench, and clamp. 1,478,651; Dec. 25.
Harris, Archer H., Barberton, assignor of one-half to E. A. Armstrong, Cleveland, Ohio. Mold. 1,445,624; Feb. 20.
Harris, Archer H., Barberton, assignor to H. C. Harris, Akron, Ohio. Shackle for vehicle springs. 1,474,361; Nov. 20.
Harris, Arthur, Romford, assignor of one-half to P. N. Eve, Upminster, England. Racket for tennis and like games. 1,452,803; Apr. 24.
Harris Automatic Press Company, The. (See Harrold, Charles W., assignor.)
Harris Automatic Press Company, The. (See Pritchard, Carl G., assignor.)
Harris, Barney, Washington, D. C. Pipe coupling and making the same. 1,447,950; Mar. 6.
Harris, Bertha A., Denair, Calif. Dairying appliance. 1,464,677; Aug. 14.
Harris, Blaine H., assignor to Brown & Bigelow, St. Paul, Minn. Calendar-pad retainer. 1,463,210; July 31.
Harris, Carl C., Orange, Mass., assignor to Rivet-O-Manufacturing Company. Stamp-pad box. 1,448,213; Mar. 13.
Harris, Carl C., Orange, Mass., assignor to Rivet-O Manufacturing Company. Stamp-pad box. Re15,702; Oct. 23.
Harris, Carl C., Orange, Mass., assignor to Rivet-O Manufacturing Company. Package. 1,474,113; Nov. 13.
Harris, Carl C., assignor to Rodney Hunt Machine Company, Orange, Mass. Wedge for use in wood rolls and the like. 1,474,114; Nov. 13.
Harris, Chauncey E., Nashua, N. H. Convertible vehicle wheel. 1,448,591; Mar. 13.
Harris, Christopher, deceased, Ceylon, Minn.; F. H. Koenecke, administrator, assignor to Poultry Specialty Company, Ceylon, Minn. Automatic poultry waterer. 1,446,701; Feb. 27.

Harris, Clifford A., assignor, by mesne assignments, to The Automatic Electric Shoe Polishing Machine Company, Bryan, Tex. Shoe-polishing machine. 1,448,342; Mar. 13.

Harris, Clifford A., assignor, by mesne assignments, to The Automatic Electric Shoe Polishing Machine Company, Bryan, Tex. Shoe-polishing machine. 1,448,343; Mar. 13.

Harris, D. P., Manufacturing Company. (See Carlson, Oscar A., assignor.)

Harris, Daniel C., Virginia, Minn. Lock nut. 1,471,462; Oct. 23.

Harris, Daniel L., G. L. Coffman, and H. W. Resnick, Wichita, Kans.; said Harris assignor of one-sixth to R. G. Rogers, Ponca City, Okla. Combined signal, spotlight, and mirror. 1,458,703; June 12.

Harris, Daniel L., G. L. Coffman, and H. W. Resnick, Wichita, Kans.; said Harris assignor of one-sixth to R. G. Rogers, Ponca City, Okla. Combined signal spotlight and mirror. 1,458,704; June 12.

Harris, De Witt C., Pineland, Fla. Antifriction sliding bearing. 1,477,260; Dec. 11.

Harris, Edward B., Portland, Oreg. Safety throttle. 1,478,710; Dec. 25.

Harris, Edward R. (See Jones, E. W., and Harris.)

Harris Electric Company. (See Bushnell, John B., assignor.)

Harris, Elijah P., assignor to Payson Manufacturing Company, Chicago, Ill. Concealed transom-operating means. 1,475,012; Nov. 20.

Harris, Ellis P., Birmingham, Ala. Translucent measuring scale. 1,448,533; Mar. 13.

Harris, Everett, Linden, assignor of one-half to C. W. Zeigler, Attica, Ind. Timer for internal-combustion engines. 1,478,652; Dec. 25.

Harris, Ford W., Los Angeles, Calif. Three-aspect signal. 1,471,791; Oct. 23.

Harris, Ford W., Los Angeles, assignor to Petroleum Rectifying Company of California, San Francisco, Calif. Dehydrator. 1,440,828; Jan. 2.

Harris, Ford W., Los Angeles, assignor to Petroleum Rectifying Company, San Francisco, Calif. Electric dehydrator. 1,455,139; May 15.

Harris, Ford W., Los Angeles, Calif., assignor to Petroleum Rectifying Company. Apparatus for dehydrating petroleum oils. 1,458,291; June 12.

Harris, Francis R., Columbus, Ohio, and L. Hollander, assignors to Morris Can Closure Company, New York, N. Y. Can closure. 1,468,292; Sept. 18.

Harris, Frank C., Chicago, Ill. Operating mechanism for registers. 1,459,730; June 26.

Harris, Frank E., Laramie, Wyo. Air-brake valve. 1,458,882; June 12.

Harris, Frederick H., Chicago, Ill. Temporary or loose-leaf binder. 1,455,000; May 15.

Harris, Gordon L. (See Van Inwagen, Frank, assignor.)

Harris, Harry E., Bridgeport, Conn. Feeding mechanism. 1,445,137; Feb. 13.

Harris, Harry E., Bridgeport, Conn. Hob grinder. 1,478,433; Dec. 25.

Harris, Henry, London, England. Apparatus for refining metals. 1,465,128; Aug. 14.

Harris, Henry A., Chicago, Ill. Valuation register. 1,449,041; Mar. 20.

Harris, Hiram D., Norcross, Ga. Window shade and curtain support. 1,470,833; Oct. 16.

Harris, Hollis H., assignor to The Thew Shovel Company, Lorain, Ohio. Control mechanism of excavating machines or the like. 1,460,813; July 3.

Harris, Holmes, Washington, D. C. Combined envelope and letter sheet. 1,461,879; July 17.

Harris, Homer H., Red Bank, N. J. Tire construction. 1,477,442; Dec. 11.

Harris, Howard C. (See Harris, Archer H., assignor.)

Harris, Hu M., Chattanooga, Tenn., assignor to Lucey Manufacturing Corporation, New York, N. Y. Bull and calf wheel. 1,451,770; Apr. 17.

Harris, Hu M., assignor to Lucey Manufacturing Corporation, Chattanooga, Tenn. Well elevator. 1,460,652; July 3.

Harris, Hu M., and V. W. Zilen, assignors to Lucey Manufacturing Corporation, Chattanooga, Tenn. Hydraulic swivel. 1,475,993; Dec. 4.

Harris, Ida M., Washington, D. C. Dress form. 1,441,926; Jan. 9.

Harris, Isaac F., Tuckahoe, N. Y. Vitamine solution. 1,474,029; Nov. 13.

Harris, Jack, Oklahoma, Okla. Incubator. 1,456,005; May 22.

Harris, James, Ponoka, Alberta, Canada. Gate-fastening device. 1,450,630; Apr. 3.

Harris, James C., Dallas, Tex. Toy gun. 1,461,119; July 10.

Harris, Jesse, assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Induction wattmeter. 1,469,558; Oct. 2.

Harris, Jesse, assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Electricity-metering system. 1,474,965; Nov. 20.

Harris, John, Lakewood, Ohio, assignor of one-half to J. R. Rose, Edgeworth, Pa. Wheel. 1,446,561; Feb. 27.

Harris, John P., Lakewood, Ohio. Package for incandescent mantles. 1,450,593; Apr. 3.

Harris, John P., assignor to The Allbright-Nell Co., Chicago, Ill. Process for producing catalytic materials for hydrogenating unsaturated oils and fats to harden them. 1,457,835; June 5.

Harris, Jonathan W., Montclair, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electron-emitting cathode and manufacturing the same. 1,463,813; Aug. 7.

Harris, Joseph G., and G. D. Jaquett, Jacksonville, Fla. Automatic pressure valve. 1,460,900; July 3.

Harris, Lewis. (See Eskew, S. E., and Harris.)

Harris, Loy E., and T. A. Leach, Emporia, Kans. Gravity angle meter for dental radiography. 1,451,507; Apr. 10.

Harris, Luther E., Philadelphia, Pa., assignor to Harris & Wolfrey. Buffer block. 1,453,225; Apr. 24.

Harris, Micajah, Litchfield, Conn. Combined hoe and rake tool. 1,469,144; Sept. 25.

Harris, Orlando C., Louisville, Ky. Combined street sign and trash receptacle. 1,473,040; Nov. 6.

Harris, Paul, New York, N. Y. Rheostat. 1,450,919; Apr. 10.

Harris, Rhys D., Seven Sisters, Wales. Apparatus for use in blasting. 1,461,012; July 3.

Harris, Romaine R., San Diego, assignor of one-twentieth to J. B. Wickizer, one-twentieth to C. F. Holland, one-twentieth to T. Belchner, six-twentieths to M. F. Galigher, and one one-hundredth to W. C. Griffin, Alameda, Calif. Artificial limb. 1,466,163; Aug. 28.

Harris, Rutherford B., Oceanpark, Calif. Lock-fold expanding indexing ticket file. 1,470,832; Oct. 16.

Harris, Samuel W., Camden, N. J. Substitute end fastener for music rolls. 1,456,309; May 22.

Harris, Thomas H. (See Benjamin, R. B., and Harris.)

Harris, Thomas T., Roanoke, Va. Machine for cutting brick ice cream. 1,473,553; Nov. 6.

Harris, Walter, Fonda, Iowa. Rope socket. 1,443,895; Jan. 30.

Harris, Walter K., Lockhart, Tex. Equalized platform automatic scale. 1,457,628; June 5.

Harris, William, Slocan City, British Columbia, Canada. Gate for railway crossings or the like. 1,472,979; Nov. 6.

Harris, William A., Gallatin, Tenn. Hydrocarbon burner. 1,466,938; Sept. 4.

Harris, William A., assignor to Harris Accessory Company, Greenville, S. C. Low-pressure alarm for pneumatic tires. 1,467,317; Sept. 11.

Harris, William E., Long Beach, Calif. Locking device. 1,471,693; Oct. 23.

Harris, William J., jr., assignor to The Surface Combustion Co. Incorporated, New York, N. Y. Method of and apparatus for heat treatment. 1,440,540; Jan. 2.

Harris, William T., Virgilina, Va., L. F. Hamme, Oxford, N. C., and W. T. Hoofnagle, Glen Ridge, N. J. Cotton-picking machine. 1,454,737; May 8.

Harris & Wolfrey. (See Harris, Luther E., assignor.)

Harrison, Amos, assignor to Jas. P. Marsh & Company, Chicago, Ill. High and medium pressure trip trap. 1,467,379; Sept. 11.

Harrison, Anna W., and S. H. Harrison, South Berkeley, Calif. Attachment for electric-iron cords. 1,478,955; Dec. 25.

Harrison, Burt S., Brooklyn, N. Y., assignor to Drying Systems, Inc., Chicago, Ill. Air heater. 1,462,339; July 17.

Harrison, Charles B., et al. (See Marsh, Gerald, assignor.)

Harrison, Charles S. (See Webb, F. I., and Harrison.)

Harrison, Frederick R., Minneapolis, Minn. Chain-link construction. 1,464,267; Aug. 7.

Harrison, George H., St. Paul, Minn., assignor to Manufacturers Chemical Company, Newport, Minn. Continuous straw gas retort. 1,461,614; July 10.

Harrison, George W., assignor to G. R. Baldock & Co. Limited, London, England. Expanding bracelet, belt, or the like. 1,455,883; May 22.

Harrison, Herbert C., Lockport, assignor to Harrison Radiator Corporation, New York, N. Y. Radiator core. 1,442,565; Jan. 16.

Harrison, Jesse H., and M. Walker, Manly, Iowa. Safety-appliance step. 1,474,257; Nov. 13.

Harrison, John, Naco, Ariz. Tie plate. 1,441,081; Jan. 2.

Harrison, John J., Portland, Oreg. Bumper lock. 1,447,303; Mar. 6.

Harrison, John K. M., Ogontz, Pa. Protective means for marine mines. 1,447,951; Mar. 6.

Harrison, Joseph. (See Danstrup, Hans E., assignor.)

Harrison, Marion M. (See Morton, H. A., and Harrison.)

Harrison, Marion M., assignor to The Miller Rubber Company, Akron, Ohio. Manufacture of dipped rubber goods. 1,445,080; Feb. 13.

Harrison, Marion M., assignor to The Miller Rubber Company, Akron, Ohio. Building element. 1,472,521; Oct. 30.

Harrison, Norman S. (See Nilsson, M., and Harrison.)

Harrison, Owen L., Coleta, Ill. Connecting and fastening means for tire chains. 1,440,991; Jan. 2.

Harrison Radiator Corporation. (See Harrison, Herbert C., assignor.)

Harrison, Reuben N., Plains District, Va. Mechanical nurse. 1,453,937; May 1

Harrison, Samuel M., Lexington, Ky. Artificial limb. 1,477,484; Dec. 11.

Harrison, Simon H. (See Harrison, Anna W. and S. H.)

Harrison, Theodore M., Hawthorn, assignor to Hydro Press Company Proprietary Limited, Melbourne, Victoria, Australia. Shaping of sheet metal by fluid pressure. 1,468,706; Sept. 25.

Harrison, William E., Youngstown, Ohio. Substitute suspension rig for grab buckets. 1,441,225; Jan. 9.

Harrison, William H. (See Toomey, J. F., and Harrison.)

Harrison, William H., Hollis, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,477,874; Dec. 18.

Harrold, Charles W., assignor to The Harris Automatic Press Company, Cleveland, Ohio. Inking mechanism. 1,452,043; Apr. 17.

Harrold, Charles W., assignor to The Harris Automatic Press Company, Cleveland, Ohio. Chain delivery. 1,476,713; Dec. 11.

Harrold, Elmer, Leetonia, Ohio. Exposure meter. 1,478,956; Dec. 25.

Harrold, John G., Newark, N. J. Delivery apparatus. 1,449,283; Mar. 20.

Harrold, Sherman, Hartford City, Ind. Wrist mirror. 1,453,671; May 1.

Harrop, Carl B., Columbus, Ohio. Tunnel kiln. 1,442,065; Jan. 16.

Harrop, William P., Reilly, and P. F. Farrell, New Bedford, Mass. Split-lap preventer. 1,455,884; May 22.

Harroun, A. E., et al. (See Baker, Louis E., assignor.)

Harroun, Ray, Detroit, Mich. Tractor. 1,452,557; Apr. 24.

Harroun, Ray W., Detroit, Mich. Vehicle wheel. 1,473,406; Nov. 6.

Harsel, William B., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Cord tire and making same. 1,475,300; Nov. 27.

Harsen, Jacob, New York, N. Y. Roadway gate. 1,468,471; Sept. 18.

Harsh, Clarence E., assignor of one-half to R. M. Schory, Minerva, Ohio. Window-shade bracket. 1,473,291; Nov. 6.

Harshberger, Norman P., Chicago, Ill. Shingle. 1,459,827; June 26.

Harshberger, Norman P., assignor to Tee-Lok Shingle Company, Chicago, Ill. Shingle. 1,441,420; Jan. 9.

Harshberger, Norman P., assignor to Tee-Lok Shingle Company, Chicago, Ill. Shingle. 1,460,795; July 3.

Harshberger, Norman P., assignor to Tee-Lok Shingle Company, Chicago, Ill. Shingle. 1,472,270; Oct. 30.

Hart, Adolph, New York, N. Y. Turning attachment for automobiles. 1,441,419; Jan. 9.

Hart, Albert P., Santa Ana, Calif. Paper-feeding mechanism for printing presses. 1,460,336; June 26.

Hart Brothers. (See Rocheleau, Alphonso, assignor.)

Hart, Carl F. (See Kirkpatrick, W. C., and Hart.)

Hart, Charles W., Charles City, Iowa. Harvesting grain. 1,458,936; June 19.

Hart, Charles W., Milwaukee, Wis. Tractor-wheel fluke. 1,458,937; June 19.

Hart, Corda A. and H. E., Danville, Ill. Adjustable headlight arrangement for motor vehicles. 1,453,938; May 1.

Hart, Earl H., Royal Oak, Mich. Molding. 1,476,509; Dec. 4.

Hart, Francis M., assignor of two-thirds to A. B. Thomas, Canton, Ohio. Auxiliary air valve for gas engines. 1,448,400; Mar. 13.

Hart, Franklin H., assignor to C. Cowles and Company, New Haven, Conn. Curtain roller. 1,422,874; Apr. 24.

Hart, Franklin H., assignor to C. Cowles and Company, New Haven, Conn. Vehicle door handle. 1,471,126; Oct. 16.

Hart, Fred V., Lynn, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Heel press. 1,475,947; Dec. 4.

Hart, Fred V., Lynn, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Method of and machine for handling heels. 1,475,948; Dec. 4.

Hart, Frederick A. See Poole, A. F., and Hart.

Hart, Frederick A., New Britain, Conn., assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,462,697; July 24.

Hart, Frederick A., New Britain, Conn., assignor to Remington Accounting Machine Corporation, New York, N. Y. Calculating machine. 1,464,095; Aug. 7.

Hart, Frederick A., assignor to Landers, Frary & Clark, New Britain, Conn. Hot-water bottle and the like. 1,477,261; Dec. 11.

Hart, George M., Des Moines, Iowa. Fuel-mixing device. 1,462,750; July 24.

Hart, George W., assignor of one-half to G. A. Mohr, Cincinnati, Ohio. Shock-absorbing coupling. 1,449,817; Mar. 27.

Hart, Gerald M. (See Evans, Lewis L., assignor.)

Hart, Gerald M. (See Evans, L. L., and Hart.)

Hart Grain Weigher Co. (See Hartley, Arthur J., assignor.)

Hart, H. Stillson, et al. (See Hilgerink, Frank M., assignor.)

Hart, Harold A., West Hartford, assignor to The Hart Manufacturing Company, Hartford, Conn. Electric switch. 1,473,579; Nov. 6.

Hart, Harry S. (See Hindahl, David, assignor.)

Hart, Harry S., Chicago, Ill. Link latch for dump-car doors. 1,449,994; Mar. 27.

Hart, Harry S., Chicago, Ill. Plate-metal car ends. 1,451,948; Apr. 17.

Hart, Harry S., Chicago, Ill. Hopper-car arrangement. 1,453,835; May 1.

Hart, Harry S., Chicago, Ill. Dump car. 1,461,732; July 17.

Hart, Harry S., Chicago, Ill. Dump-car-door locking and releasing attachment. 1,472,908; Nov. 6.

Hart, Harry S., Shreveport, La. Watchman's recording mechanism. 1,460,901; July 3.

Hart, Harry S., Shreveport, La. Watchman's recording mechanism. 1,460,902; July 3.

Hart, Harry S., assignor to National Dump Car Company, Chicago, Ill. Railway-car-door arrangement. 1,446,621; Feb. 27.

Hart, Harry S., assignor to National Dump Car Company, Chicago, Ill. Dump-car-door latch. 1,453,836; May 1.

Hart, Harry S., Chicago, Ill., assignor to National Dump Car Company. Dump-car-door latch. 1,472,416; Oct. 30.

Hart & Hegeman Manufacturing Company, The. (See Bentley, Robert H., assignor.)

Hart & Hegeman Manufacturing Company, The. (See Guett, Monroe, assignor.)

Hart & Hegeman Manufacturing Company, The. (See Morris, Shiras, assignor.)

Hart, Henry E. (See Hart, Corda A., and H. E.)

Hart, Henry R., Montclair, N. J. Playing ball. 1,469,907; Oct. 9.

Hart, Homer W. (See Lowenstein, Louis, assignor.)

Hart, Ira C., Buhl, Idaho. Automobile motor-hood fastener. 1,443,177; Jan. 23.

Hart, John J., Omaha, Nebr. Device for cooking utensils. 1,462,105; July 17.

Hart, John P., Los Angeles, Calif. Tire-chain-attaching device and carrier. 1,466,374; Aug. 28.

Hart, Joseph L., Chickasha, Okla. Cotton unloader and cleaner. 1,441,577; Jan. 9.

Hart, Joseph L., Chickasha, Okla. Cotton machinery. 1,449,284; Mar. 20.

Hart, Leo B., assignor of one-half to J. W. Tobin, Vinton, Iowa. Washing and drying machine. 1,477,443; Dec. 11.

Hart, Lewis E., Needham, Mass. Locking pliers. 1,458,292; June 12.

Hart Manufacturing Company, The. (See Hart, Harold A., assignor.)

Hart, Oscar W., et al. (See Whitcomb, James, assignor.)

Hart, Pearly S. (See Ellis H., Hart, and Nunnelly.)

Hart-Spratt, Herbert, London, England. Universal joint or coupling. 1,450,805; Apr. 3.

Hart, Thomas F., Lynn, Mass., assignor to Hamel Shoe Machinery Company, Lynn, Mass. Rib tighteners for Gem innersoles. 1,462,792; July 24.

Hart, Thomas I., St. Louis, Mo. Tag. 1,452,460; Apr. 17.

Hart, Walter, Ramsgate, England. Surgical instrument for chiropodists and the like. 1,476,508; Dec. 4.

Hart, William A., Columbus, Ohio. Umbrella carrier. 1,466,715; Sept. 4.

Hart, William C., Montague Bay, Tasmania, Australia. Applying labels to canned goods. 1,463,265; July 31.

Hart, William J., St. Joseph, Mich. Direction signal for vehicles. 1,442,566; Jan. 16.

Hartburg, Herman L., Denver, Colo., assignor of one-half to R. J. Binkley. Heat-exchange apparatus. 1,459,024; June 19.

Hartenstein, Willy, Darmstadt, Germany, assignor to J. Aman, Rutherford, N. J. Plow for planting potatoes. 1,452,912; Apr. 24.

Harter, Augustus F. (See Wilkinson, G. D., and Harter.)

Harter, Augustus F., Oak Park, assignor to Cribben & Sexton Company, Chicago, Ill. Oven door. 1,444,153; Feb. 6.

Harter, Augustus F., Oak Park, assignor to Cribben & Sexton Company, Chicago, Ill. Gas range. 1,464,572; Aug. 14.

Harter, Charles, St. Louis, Mo. Brake beam. 1,476,752; Dec. 11.

Harter, Clarence J., Syracuse, N. Y. Apparatus for testing the contours of gear teeth. 1,463,580; July 31.

Harter, Isaac, Dongan Hills, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Furnace. 1,466,879; Sept. 4.

Harter, Noah S., Waukegan, assignor of one-third to A. T. Weaver and one-third to G. F. Rummel, Chicago, Ill. Indicator. 1,456,310; May 22.

Harter, Noah S., Waukegan, assignor of one-third to G. F. Rummel and one-third to A. T. Weaver, Chicago, Ill. Game apparatus. 1,460,670; July 3.

Hartford, Edward V., Inc. (See Hartford, Edward V., assignor.)

Hartford, Edward V., Inc. (See Kuhsiek, Albert J. H., assignor.)

Hartford, Edward V., deceased, Deal, N. J.; H. P. Hartford, administratrix. Motor and means for controlling the same. 1,461,001; July 3.

Hartford, Edward V., Deal, N. J., assignor to Edward V. Hartford, Inc., New York, N. Y. Spring-retarding device. 1,411,578; Jan. 9.
Hartford-Fairmont Company. (See Lorenz, Edward H., assignor.)
Hartford-Fairmont Company. (See Lorenz, William A., assignor.)
Hartford Fairmont Company. (See Peiler, Karl E., assignor.)
Hartford, Henrietta P., administratrix. (See Hartford, Edward V.)
Hartford Rubber Works Company, The. (See Hopkinson, E., and Coe, assignors.)
Hartford Rubber Works Company, The. (See Lough, Hector V., assignor.)
Hartford Rubber Works Company, The. (See Steinle, William J., assignor.)
Hartford Special Machinery Company, The. (See Schieldge, George K., assignor.)
Hartgens, Diedrich, Union Hill, N. J., assignor to R. A. Tuttle Company, Boston, Mass. Textile fabric. Des. 62,485; June 12.
Hartleb, Rudolph C., Cambridge, assignor of one-half to E. Reiner, Baltimore, Md. Knife. 1,475,301; Nov. 27.
Hartley, Arthur J., assignor to Hart Grain Weigher Co., Peoria, Ill. Folding conveyer support. 1,441,851; Jan. 9.
Hartley, Arthur J., assignor to Hart Grain Weigher Co., Peoria, Ill. Feeder. 1,471,894; Oct. 23.
Hartley, Bernard H., Red House, W. Va. Knife. 1,477,483; Dec. 11.
Hartley, Calvin G., Roanoke, Ind., assignor to Knox Engineering and Manufacturing Company. Steering attachment for tractors. 1,459,828; June 26.
Hartley, Calvin G., Roanoke, Ind., assignor to Knox Engineering and Manufacturing Company. Engine governor. 1,466,164; Aug. 28.
Hartley, Charles A., Silverton, and J. R. Mero, Salem, Oreg. Grader. 1,466,015; Aug. 28.
Hartley Clock Company. (See Hartley, John S., assignor.)
Hartley, Frank P., Bangor, Me. Automatic alarm. 1,460,019; June 26.
Hartley, James, Philadelphia, Pa. Railway bolt. 1,467,155; Sept. 4.
Hartley, John S., Lynn, assignor, by mesne assignments, to Hartley Clock Company, Boston, Mass. Alarm clock. 1,445,017; Feb. 13.
Hartley, Ralph V. L., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electron-discharge device. 1,442,430; Jan. 16.
Hartley, Ralph V. L., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Secret signaling. 1,464,096; Aug. 7.
Hartley, Ralph V. L., South Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Modulating system. 1,462,038; July 17.
Hartley, Ralph V. L., Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and means for producing alternating currents. 1,472,470; Oct. 30.
Hartline, William A., Midland, Mich. Pen attachment. 1,443,623; Jan. 30.
Hartline, Winfield F., Canton, Ohio. Cuspidor. Des. 61,951; Feb. 13.
Hartman, Arthur A., and W. C. Schwarzbach, Janesville, Wis. Portable table. 1,462,856; July 24.
Hartman, Arthur C., assignor to Omaha Accessory Company, Omaha, Nebr. Contact for timers. 1,475,819; Nov. 27.
Hartman, Arthur C., assignor to Omaha Accessory Company, Omaha, Nebr. Timer. 1,475,820; Nov. 27.
Hartman, Carl H., Toledo, Ohio, and A. M. Bates, Chicago, Ill. Bag. 1,444,118; Feb. 6.
Hartman, Ellés E., East Jordan, Mich. Knockdown structure. 1,449,042; Mar. 20.
Hartman, Ellis B., New London, Conn. Internal-combustion turbine. 1,442,876; Jan. 23.
Hartman, Ferdinand Q., Danville, Pa. Thread-breaking device for spinning machines. 1,455,529; May 15.
Hartman, Frank R., Chicago, Ill. Paper-sheet-feeding machine. 1,460,376; July 3.
Hartman, Frederick D., assignor to The Geoplanus Company, Limited, Toronto, Ontario, Canada. Globe map. 1,458,762; June 12.
Hartman, George H., Ithaca, N. Y. Automobile wheel holding and truing device. 1,467,618; Sept. 11.
Hartman, Harry B., Scottdale, Pa. Safety razor. 1,455,725; May 15.
Hartman, Harry B., Scottdale, Pa. Safety razor. 1,455,726; May 15.
Hartman, Harry B., Scottdale, Pa. Safety razor. 1,455,750; May 15.
Hartman, Harry B., Scottdale, Pa. Safety razor. 1,455,751; May 15.
Hartman, Harry B., assignor to Electric Water Sterilizer and Ozone Company, Scottdale, Pa. Mixer for ozone water-purifying apparatus. 1,471,260; Oct. 16.
Hartman, Harry B., Scottdale, Pa., assignor to Electric Water Sterilizer and Ozone Company. Fluid-pressure-actuated switch valve. 1,475,697; Nov. 27.
Hartman, J. Paul. (See Starr, Thomas C., assignor.)
Hartman, Louis H., Pittsburgh, Pa. Puzzle. 1,464,424; Aug. 7.
Hartman, Milton, assignor to Localized Advertising Corporation, Detroit, Mich. Seal for folders. 1,463,083; July 24.
Hartman, Noble W., Toledo, assignor to The Multiplex Concrete Machinery Company, Elmore, Ohio. Block-molding machine. 1,447,978; Mar. 13.
Hartman, William H., assignor to Randall Control and Hydrometric Corporation, Los Angeles, Calif. Elevator control system. 1,444,313; Feb. 6.
Hartman, William H., assignor to Randall Control and Hydrometric Corporation, Los Angeles, Calif. Elevator-door-locking system. 1,446,794; Feb. 27.
Hartman, William H., assignor to Randall Control and Hydrometric Corporation, Los Angeles, Calif. Hydraulic-elevator-control system. 1,463,995; Aug. 7.
Hartman, William H., assignor to Randall Control and Hydrometric Corporation, Los Angeles, Calif. Elevator-door-lock-control mechanism. 1,464,871; Aug. 14.
Hartman, William W., Los Angeles, Calif. Sugar-washing and water-measuring device. 1,456,270; May 22.
Hartmann, Charles A., San Antonio, Tex. Automobile headlight device. 1,474,714; Nov. 20.
Hartmann, Georg. (See Schulmeyer, J., and Hildmann, assignors.)
Hartmann, Gerhardt G. M. F., White Plains, N. Y. Ornamental beading for jewelry. 1,441,924; Jan. 9.
Hartmann, John W., Brooklyn, N. Y. Sifting grate. 1,453,870; May 1.
Hartmann Manufacturing Co. (See Hartmann, Richard A., assignor.)
Hartmann, Miner L., assignor to The Carborundum Company, Niagara Falls, N. Y. Safe or vault plate. 1,468,362; Sept. 18.
Hartmann, Richard A., assignor to The Hartmann Manufacturing Co., Hartford, Conn. Universal joint. 1,467,380; Sept. 11.
Hartmann, Robert, Uster, Switzerland. Machine for uniting together the threads of two warps. 1,456,006; May 22.
Hartmann, Walter E., New York, N. Y. Oil burner. 1,467,544; Sept. 11.
Hartmeyer, August W., Los Angeles, Calif. Toilet-paper holder. 1,462,176; July 17.
Hartner, Fritz, Homburg, Germany. Manufacturing a mortar-forming material from anhydrite. 1,470,731; Oct. 16.
Hartog, Stephen D., St. Louis, Mo. Sheet-metal piston. 1,455,786; May 22.
Hartshorn, Derick S., Williamsport, Pa. Container. 1,441,343; Jan. 9.
Hartshorn, Willis N., Racine, Wis. Grinding mill. 1,465,713; Aug. 21.
Hartshorn, Willis N., assignor to Racine Confectioners' Machinery Company, Racine, Wis. Candy-making machine. 1,469,316; Oct. 2.
Hartsock, William P., Dayton, Ohio. Advertising device. Des. 62,865; Aug. 14.
Hartson, Bert E. (See Kirby, J. M., and Hartson.)
Hartson, Frederick C., Rosedale, Kans., and G. A. Donath Kansas City, Mo. Valve-stem-key tool. 1,456,007; May 22.
Hartsough, Ralph B., Minneapolis, Minn. Method of and means for vaporizing hydrocarbon fuels. 1,471,600; Oct. 23.
Hartung, Theodore A., Austin, Tex. Gravel dump. 1,459,766; June 26.
Hartup, Frank E., assignor of one-half to W. M. Kunkel, Indianapolis, Ind. Device for turning music. 1,452,804; Apr. 24.
Hartvig, John A., Oakland, Calif. Waver for hair. 1,457,836; June 5.
Hartwell, Albert E., assignor, by mesne assignments, to Auto Betterment Corporation, Newark, N. J. Carburetor for internal-combustion engines. 1,456,502; May 29.
Hartwick, Ernest F., Greenfield Township, Wayne County, assignor to Detroit Trailer Company, Detroit, Mich. Trailer connection. 1,461,880; July 17.
Hartwig, William J. (See Cullin, Jasper F., assignor.)
Harty, William A., Buffalo, N. Y., assignor to The Exolon Company, Boston, Mass. Refractory article and making the same. 1,473,853; Nov. 13.
Harty, William A., Buffalo, N. Y., and F. W. Moore, Thorold, Ontario, Canada. Treating metallurgical products. 1,445,943; Feb. 20.
Hartzell, Morris H., Philadelphia, Pa. Umbrella. 1,453,499; May 1.
Hartzell, Morris H., Philadelphia, Pa. Umbrella. 1,453,500; May 1.
Hartzell, Morris H., assignor to S. S. Fretz, sr., Philadelphia, Pa. Folding umbrella. 1,473,906; Nov. 13.
Hartzell, Morris H., assignor to S. S. Fretz, sr., Philadelphia, Pa. Folding umbrella. 1,474,821; Nov. 20.
Hartzell, Noble M., Philadelphia, Pa. Conductor flue for furnaces. 1,464,385; Aug. 7.
Harvey, Albert E., Streetley, assignor of one-half to G. E. Folkes, Birmingham, England. Appliance for playing an improved card game. 1,460,485; July 3.
Harvey, Albert L., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Fluid-pressure regulator. 1,448,401; Mar. 13.

Harvey, Albert L., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control system. 1,466,285; Aug. 28.
Harvey, Albert L., and E. M. Bouton, Wilkinsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Pressure-regulator system. 1,444,914; Feb. 13.
Harvey, Charles, Somerville, Mass. Check or ticket punch. 1,448,214; Mar. 13.
Harvey, Charles W., East Lyme, Conn. Clipping machine. 1,450,499; Apr. 3.
Harvey, Charles W., New London, Conn. Flash light. 1,450,500; Apr. 3.
Harvey, David W., Toronto, Ontario, Canada. Passenger car. 1,466,939; Sept. 4.
Harvey, Edward C., Franklinton, La. Cutivator. 1,457,165; May 29.
Harvey, Edward J., Racine, Wis. Leaf spring. 1,472,754; Oct. 30.
Harvey, Ellery H., Lansdale, Pa. Fountain brush. 1,475,116; Nov. 20.
Harvey, Frank R., assignor of one-half to Wilford S. Safford, Blossburg, Pa. Wedge-adjusting device for journal boxes. 1,466,016; Aug. 28.
Harvey, George L., Chicago, Ill. Draft rigging. 1,454,509; May 8.
Harvey, Gerald H., Cincinnati, Ohio. Vehicle lighting device. 1,453,226; Apr. 24.
Harvey, Gilbert L., Philadelphia, Pa. Swab stopper. 1,460,243; June 26.
Harvey, Helen I., Butte, Mont. Automatic baster for cooking. 1,460,486; July 3.
Harvey Hubbell, Incorporated. (See Newton, William J., assignor.)
Harvey, John E., Milton, Mass. Thermostatic control. 1,461,878; July 17.
Harvey, John W., assignor of one-third to O. M. Lane and one-third to E. L. Schager, Sioux Falls, S. Dak. Hog feeder. 1,449,818; Mar. 27.
Harvey, Kelly B., New York, N. Y. Auto table. 1,445,394; Feb. 13.
Harvey, Kelly B., New York, N. Y. Table. 1,445,395; Feb. 13.
Harvey, Kelly B., New York, N. Y. Auto table. 1,457,028; May 29.
Harvey, Leo M. (See Taeubert, Edmund E., assignor.)
Harvey, Leo M., Los Angeles, Calif. Fruit clipper. 1,472,392; Oct. 30.
Harvey, Louis B., Sacramento, Calif., assignor to Harvey Rim & Wheel Company, Buffalo, N. Y. Demountable hub structure. 1,442,944; Jan. 23.
Harvey, Louis B., assignor to Harvey Rim and Wheel Company, Inc., Buffalo, N. Y. Sectional and demountable rim. 1,458,406; June 12.
Harvey, Louis B., Stockton, Calif., assignor to Harvey Rim & Wheel Company, Inc., Buffalo, N. Y. Fixed-rim construction for disk wheels. 1,462,282; July 17.
Harvey, Mark P., Little River, Fla. Clip. 1,456,551; May 29.
Harvey Rim and Wheel Company. (See Allison, Walter B., assignor.)
Harvey Rim & Wheel Company. (See Harvey, Louis B., assignor.)
Harvey, Sylvester B., Philadelphia, Pa. Smoker's pipe-packing device. 1,444,915; Feb. 13.
Harvey, Tom, jr. (See Butterfield, E. H., and Otterbein, assignors.)
Harvie, Herbert E., et al. (See Larson, Walter J., assignor.)
Harvozinski, Mike, and J. Gawlik, assignor of one-third to S. Gnacinski, Milwaukee, Wis. Window shade and curtain bracket. 1,447,658; Mar. 6.
Harwich Stamping Company. (See Loew, Oscar A., assignor.)
Harwick, Theresa, Miami, Fla. Doll. Des. 62,947; Aug. 28.
Harwood, Aubrey H., assignor to United Cigarette Machine Co., Inc., Lynchburg, Va. Mouthpiece cigarette with crimped seam and making the same. 1,476,075; Dec. 4.
Harwood, George S., & Son. (See Howe, Joseph B., assignor.)
Harwood, John F., assignor to American Gauge Company, Incorporated, New York, N. Y. Tank cap. 1,475,183; Nov. 27.
Harzke, Gus, Carmine, Tex. Automobile clutch-spring-compressor tool. 1,440,992; Jan. 2.
Hasait, Max, Dresden, Germany, assignor to Aktiebolaget Ars, Stockholm, Sweden. Adjustable scene portal in theaters. 1,452,424; Apr. 17.
Hasbrouck, Louis B., and H. E. Van Ness, Elmira, N. Y. Drawing apparatus. 1,440,993; Jan. 2.
Hasbrouck, Matthew F., New York, N. Y. Swimming-pool locker construction. 1,470,567; Oct. 9.
Hasbrouck, Stephen A., New Haven, Conn. Ignition means and method. 1,448,215; Mar. 13.
Hase, Rudolf, Berlin, Germany, assignor, by mesne assignments, to Namlooze Vennootschap Finanzieele Mattschapij "Driebergen," Amsterdam, Netherlands. Recording phonograph. 1,450,439; Apr. 3.
Hase, Rudolf, Hannover, Germany. Pyrometer. 1,474,903; Nov. 20.
Hasegawa, Seigo, and T. Ikegi, Osaka, Japan. Locomotive boiler. 1,449,228; Mar. 20.
Haseltine, Stacy B., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,442,877; Jan. 23.
Haseltine, Stacy B., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,442,878; Jan. 23.
Haseltine, Stacy B., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Antifriction bearing and making same. 1,447,386; Mar. 6.
Haseltine, Stacy B., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Hand brake. 1,450,366; Apr. 3.
Haseltine, Stacy B., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,460,580; July 3.
Haseltine, Stacy B., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Hand brake for railway cars. 1,469,084; Sept. 25.
Haseltine, William E., Ripon, Wis. Glove. 1,451,949; Apr. 17.
Hasemeier, Marie F., Woodward, Okla. Electrothermal bath cabinet. 1,458,182; June 12.
Hasenbein, Harry J., Flushing, assignor to Jaburg Bros. Inc., New York, N. Y. Baking pan. 1,466,095; Aug. 28.
Hash, Charles S., Chadron, Nebr. Automobile light dimmer. 1,453,501; May 1.
Haskel, Fred, Detroit, Mich. Wedge. 1,465,302; Aug. 21.
Haskelite Manufacturing Corporation. (See Drushel, William A., assignor.)
Haskelite Manufacturing Corporation. (See Elmendorf, Armin, assignor.)
Haskelite Manufacturing Corporation. (See Meyercord, George R., assignor.)
Haskelite Manufacturing Corporation. (See Norris, Charles B., assignor.)
Haskell, Alfred T., Newtonville, Mass. Display device. 1,455,610; May 15.
Haskell, Broderick, Franklin, Pa. Bracket for brake hangers. 1,440,734; Jan. 2.
Haskell, Broderick, Franklin, Pa. Brake support. 1,443,740; Jan. 30.
Haskell, Broderick, Franklin, Pa. Slack adjuster for railway brakes. 1,444,460; Feb. 6.
Haskell, Broderick, Franklin, Pa. Load-controlled air brake. 1,452,199; Apr. 17.
Haskell, George D. (See Dawson, A. T., Buckham, and Haskell.)
Haskell, James B., Longville, Minn. Valve-actuating mechanism. 1,476,510; Dec. 4.
Haskell, Samuel, Brooklyn, N. Y. Talking doll. 1,449,601; Mar. 27.
Haskell, Samuel, Brooklyn, N. Y. Phonograph doll. 1,451,022; Apr. 10.
Haskell, Sprague F., assignor of one-half to C. D. Lyon, St. Louis, Mo. Weather strip. 1,473,428; Nov. 6.
Haskell, William E., Brattleboro, Vt. Bottling machine. 1,477,485; Dec. 11.
Haskin, Joseph J., Stockton, Calif. Gear-shift mechanism. 1,471,730; Oct. 23.
Haskins, William B., Independence, Mo. Trolley safety clutch. 1,466,375; Aug. 28.
Hass, Martin F., Wilkes-Barre, Pa. Attachment for thread doubling and twisting machines. 1,451,771; Apr. 17.
Hassel, Joseph A., Philadelphia, Pa. Valve-grinding tool. 1,441,149; Jan. 2.
Hasselbach, Albert E., Detroit, Mich. Electric heater. 1,470,834; Oct. 16.
Hasselgren, Carl P., Duluth, Minn. Flytrap. 1,444,502; Feb. 6.
Hassell, William W. (See Smith, Arthur C., assignor.)
Hassinger, Louis. (See Trageser, A. H., and Hassinger.)
Hassler, Robert H., Indianapolis, Ind. Shock-absorbing device for vehicles. 1,440,829; Jan. 2.
Hassler, Robert H., Indianapolis, Ind. Shock-absorbing device for vehicles. 1,440,830; Jan. 2.
Hassler, Robert H., Indianapolis, Ind. Spring suspension. Re15,686; Sept. 18.
Hassler, Robert H., Indianapolis, Ind. Vehicle shock-absorbing system. 1,475,384; Nov. 27.
Hassler, Robert H., Indianapolis, Ind. Shock absorber. 1,476,609; Dec. 4.
Hast, Alfred. (See Olson, A., and Hast.)
Hastedt, William R., assignor to American Thermos Bottle Company, Norwich, Conn. Shock absorber. 1,478,711; Dec. 25.
Hastings, Benjamin J., Taunton, Mass. Railway-bridge warning. 1,467,156; Sept. 4.
Hastings, Donald T., Detroit, Mich. Steering gear. 1,465,667; Aug. 21.
Hastings, Herbert, Rochester, N. Y. Oil gauge. 1,469,933; Oct. 9.
Hastings, Horace H., Toronto, Ontario, Canada. Tire. Des. 61,754; Jan. 2.
Hastings Manufacturing Company. (See Johnson, A. E., and Taffee, assignors.)
Hastings, Rolland T. R., Highland Park, assignor to Sanitax Brush Company, Chicago, Ill. Brush. 1,448,744; Mar. 20.
Hasty, Leroy, San Diego, Calif. Milk-can punch. 1,471,601; Oct. 23.

Alphabetical list of patentees—Continued.

Hat Manufacturers Supply Company, The. (See Collyer, William W., assignor.)
Hat Manufacturers Supply Company Limited, The. (See Bartle, J. W., and Roberts, assignors.)
Hatashita, Sezo, Detroit, Mich. Rear axle and wheel. 1,469,593; Oct. 2.
Hatch, Arthur G., Duluth, Minn. Building block. 1,473,627; Nov. 13.
Hatch, Charlie E., Denver, Colo. Piston for engines. 1,476,751; Dec. 11.
Hatch, Frank E., Rutherford, N. J. Box-covering machine. 1,451,908; Apr. 17.
Hatch, Hugh B., assignor to Skinner Machinery Company, Dunedin, Fla. Fruit-sizing machine. 1,448,689; Mar. 13.
Hatch, L. O., et al. (See Slauson, Stephen A., assignor.)
Hatch, Luman W., Stamford, Conn. Loose coupler of receiving coil. 1,473,407; Nov. 6.
Hatch, Raymond M., Trumansburg, N. Y. Punch. 1,467,637; Sept. 11.
Hatch, Raymond S., Nutley, N. J., assignor to The Hammersley Manufacturing Company, New York, N. Y. Wrapping machine. 1,459,054; June 19.
Hatcher, Ernest C., and T. Rooke, London, England. Transmission gearing. 1,447,845; Mar. 6.
Hatcher, Oscar M., and J. C. Campbell, Mankato, Minn. Power hammer. 1,440,679; Jan. 2.
Hatcher, Preston G., Jonesboro, Ark. Banana crate. 1,441,579; Jan. 9.
Hatcher, Robert L., and H. A. Parr, Detroit, Mich. Mouth-cleansing apparatus. 1,466,474; Aug. 28.
Hatcher, William A., Detroit, assignor to Wernicke-Hatcher Pump Company, Grand Rapids, Mich. Electric motor and rotary pump. 1,441,344; Jan. 9.
Hatchett, James H. (See Bennett, A., and Hatchett.)
Hatfield, Andrew L., Hillside, N. J. Dishwashing machine. 1,452,156; Apr. 17.
Hatfield, Floyd H., Rawlins, Wyo. Casing connector. 1,447,132; Feb. 27.
Hatfield, George E., Dayton, Ohio. Device for handling electric lamps and the like. 1,476,817; Dec. 11.
Hatfield, Raymond A., et al. (See Bahr, August T. J., assignor.)
Hatfield, Robert L. (See Snyder, Walter, assignor.)
Hathaway, Charles H., West Allis, and W. A. Sharck, Milwaukee, Wis., assignors to Badger Manufacturing Corporation, Milwaukee, Wis. Clamp. 1,445,944; Feb. 20.
Hathaway, Charles H., West Allis, and W. A. Starck, assignors to Badger Manufacturing Corporation, Milwaukee, Wis. Automobile bumper. 1,463,581; July 31.
Hathaway, Edgar F., assignor to Shawmut Engineering Company, Dorchester, Mass. Mechanical controlling mechanism. 1,444,503; Feb. 6.
Hathaway, Edgar F., assignor to Shawmut Engineering Company, Dorchester, Mass. Pattern-controlled counter mechanism for textile machines. 1,444,504; Feb. 6.
Hathaway, Edgar F., assignor to Shawmut Engineering Company, Dorchester, Mass. Counting mechanism. 1,444,505; Feb. 6.
Hathaway, Edgar F., Dorchester, Mass., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Combined counting mechanism and weft-controlling mechanism governed thereby. 1,474,416; Nov. 20.
Hathaway, Edgar F., Wellesley, assignor to Shawmut Engineering Company, Boston, Mass. Axminster tube frame. 1,469,180; Sept. 25.
Hathaway, Edgar F., Wellesley, assignor to Shawmut Engineering Company, Boston, Mass. Yarn spool for tube frames. 1,469,181; Sept. 25.
Hathaway, Edgar F., Wellesley, assignor to Shawmut Engineering Company, Boston, Mass. Tube frame. 1,469,183; Sept. 25.
Hathaway, Edgar F., Wellesley, assignor to Shawmut Engineering Company, Boston, Mass. Tuft frame for weaving pile fabrics. 1,469,184; Sept. 25.
Hathaway, Edgar F., Wellesley, assignor to Shawmut Engineering Company, Boston, Mass. Suspension means for tube frames. 1,469,185; Sept. 25.
Hathaway, Edgar F., Wellesley, assignor to Shawmut Engineering Company, Dorchester, Mass. Grinding mechanism for the shear blades of tuft-fabric looms. 1,469,755; Oct. 2.
Hathaway, Edgar F., Wellesley, and W. Bixby, assignor to Shawmut Engineering Company, Boston, Mass. Tuft-tube frame for weaving. 1,469,182; Sept. 25.
Hathaway, Harlow H., El Paso, Tex. Article for producing keys in cement work. 1,470,835; Oct. 16.
Hathaway, Harlow H., Phoenix, Ariz. Tire attachment. 1,478,983; Dec. 25.
Hathaway, Junius B., and A. R. McDiarmid, Brandon, Manitoba, Canada. Steering tongue. 1,469,834; Oct. 9.
Hathaway, Robert W., assignor of one-half to H. Powell, Springfield, Ohio. Cistern. 1,453,109; Apr. 24.
Hatheway, William E., Bridgeport, Conn. Brassière hook. 1,444,916; Feb. 13.
Hatheway, William E., Bridgeport, Conn. Webbing clip hook for buckles. 1,474,030; Nov. 13.
Hattner, Abraham, et al. (See Morrison, Tom, assignor.)
Hatton, Thomas F., Indianapolis, Ind. Oil heater. 1,451,772; Apr. 17.
Haubert, Leo, Muskogee, Okla. Automobile steering mechanism. 1,476,886; Dec. 11.
Haubert, Leo, Beggs, assignor of one-third to J. C. Bennett and one-third to J. A. Wolfe, Tulsa, Okla. Casing head for oil wells. 1,442,404; Jan. 16.
Haubert, Leo, Muskogee, assignor of one-third to J. C. Bennett and one-third to J. A. Wolfe, Tulsa, Okla. Power-delivering attachment for automobile trucks or tractors. 1,469,002; Sept. 25.
Haubrock, Frank. (See Schwier, William, assignor.)
Hauck, Edmund C. (See Cole, L. J., and Hauck.)
Hauenstein, John, Kansas City, Mo. Combination mirror and telephone mouthpiece. 1,453,760; May 1.
Hauenstein, Julius, Jersey City, N. J. Door-closing device. 1,462,544; July 24.
Hauenstein, Oscar, Uniontown, Pa. Dispensing and measuring device. 1,462,407; July 17.
Hauf, George F., Chicago, Ill. Method of and means for making adjustable elbows. 1,464,318; Aug. 7.
Hauf, George F., assignor to Robertson Brothers Manufacturing Company, Chicago, Ill. Metallic vessel. 1,448,344; Mar. 13.
Hauf, George F., Chicago, Ill., assignor, by mesne assignments, to Equipment Devices Company. Feed trough. 1,464,202; Aug. 7.
Hauf, George F., Chicago, Ill., assignor to Robertson Brothers Manufacturing Company. Pipe and pipe clamp. 1,474,822; Nov. 20.
Haug, Anton J., assignor to Improved Paper Machinery Company, Nashua, N. H. Method of and apparatus for working paper stock. 1,443,410; Jan. 30.
Hauge, A. O. (See Lansrud, Endre A., assignor.)
Hauge, Oscar, and W. A. England, assignors to Parent Cone Company, San Francisco, Calif. Machine for making pastry shells. 1,448,294; Mar. 13.
Haughey, Charles B., Council Bluffs, assignor of one-half to O. R. Edwards, Davenport, Iowa. Printing vulcanizer. 1,451,611; Apr. 10.
Haughey, Rodger F., McKeesport, Pa. Pipe coupling. 1,462,698; July 24.
Haughom, John, and A. N. Foss, Fargo, N. Dak. Grain and seed cleaning machine. 1,444,506; Feb. 6.
Haughton Elevator & Machine Co., The. (See Thurston, Ernest B., assignor.)
Haughton Elevator & Machine Co., The. (See Turner, Floyd F., assignor.)
Haugland, John, Clinton, Houston, Tex. Folding bed. 1,464,605; Aug. 14.
Hauk, Charles J., jr., Yonkers, N. Y. Closure for tubes. 1,457,291; May 29.
Hauk, Edwin, Chicago, Ill. Producing ice cream. 1,442,945; Jan. 23.
Hauk, Joseph, Shorewood, assignor to Standard Utilities Corporation, Milwaukee, Wis. Dishwashing machine. 1,447,304; Mar. 6.
Hauk, Joseph, Shorewood, assignor to Standard Utilities Corporation, Milwaukee, Wis. Dishwashing device. 1,447,305; Mar. 6.
Haulbrook, Robert W., Maysville, Ga. Adjustable lint and brush board. 1,469,413; Oct. 2.
Haulton, Thomas, Johnstown, Pa. Rail bond. 1,461,061; July 10.
Haunt, Harry R., St. Louis, Mo. Tire. 1,453,351; May 1.
Haunz, Charles F., assignor of one-half to T. Krug, Buffalo, N. Y. Valve for corrosive liquids. 1,450,078; Mar. 27.
Haupt, William F., assignor, by mesne assignments, to The Bates Manufacturing Company, Orange, N. J. Numbering machine. 1,474,715; Nov. 20.
Hauptman, Oscar, New York, N. Y. Pressing device. 1,474,833; Nov. 20.
Hauptmann, Adolf K., deceased, Philadelphia, Pa.; M. Hauptmann, administratrix. Stop-mechanism for knitting machines. 1,473,580; Nov. 6.
Hauptmann, Maria, administratrix. (See Hauptmann, Adolf K.)
Haurat, Jean A. (See Greff, André E., assignor.)
Haus, John G., Weirton, W. Va. Gas water heater. 1,457,365; June 5.
Hausam, Edwin F., et al. (See Coats, E. O., and Bartholomew, assignors.)
Hause, Charles J., Asbury Park, N. J. Bag holder. 1,457,246; May 29.
Hauser, Leopold, assignor to Hauser Weil, New York, N. Y. Hand bag. 1,469,476; Oct. 2.
Hauser & Weil. (See Hauser, Leopold, assignor.)
Hauserman, George F., Bartow, Fla. Drier. 1,474,258; Nov. 13.
Hausfeld, Bernard J., assignor, by mesne assignments, to The Lunken Window Company, Cincinnati, Ohio. Roller spring control. 1,468,107; Sept. 18.
Hausman, George J., and A. J. Jones, Cincinnati, Ohio. Shifter for belts on cone pulleys. 1,452,044; Apr. 17.
Hausner, Ben Z., New York, N. Y. Attaching means for separable fastener elements. 1,451,612; Apr. 10.
Haussler, Carl F., and N. W. Park, assignors to General Fire Extinguisher Company, Providence, R. I. Inductor for gas burners. 1,460,903; July 3.
Hauton Corporation, The. (See Hauton, Paul S., assignor.)
Hauton, Paul S., Elizabeth, N. J., assignor to The Hauton Corporation. Fountain-pen filler. 1,455,611; May 15.
Havener, Arthur R., Wayland, Mass., assignor to American Lacing Hook Co. Stop mechanism. 1,451,728; Apr. 17.

Havener, Arthur R., Wayland, Mass., assignor to Judson L. Thomson Mfg. Co. Machine for punching and riveting sheet material. 1,469,261; Oct. 2.

Havens, Beckwith. (See Witmer, C. C., and Havens.)

Havens, Homer M., assignor to The Seagrave Company, Columbus, Ohio. Means for priming pumps. 1,475,994; Dec. 4.

Haverly, Jerome, Oakland, Calif. Mercury separator. 1,463,996; Aug. 7.

Haverstick, Earl J., Oakmont, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrolyte for electrolytic condensers. 1,472,169; Oct. 30.

Haverstick, Earl J., Oakmont, Pa., assignor to Westinginghouse Electric & Manufacturing Company. Electrical system. 1,475,822; Nov. 27.

Haviland, Theodore, & Co. (See Haviland, William D., assignor.)

Haviland, William D., Limoges, France, assignor to Theodore Haviland & Co., New York, N. Y. Plate or similar article. Des. 61,782; Jan. 9.

Haviland, William D., Limoges, France, assignor to Theodore Haviland & Co., New York, N. Y. Plate or similar article. Des. 62,774; July 31.

Haviland, William D., Limoges, France, assignor to Theodore Haviland & Co., New York, N. Y. Plate or similar article. Des. 62,775; July 31.

Haviland, William D., Limoges, France, assignor to Theodore Haviland & Co., New York, N. Y. Dish, bowl, or similar article. Des. 62,776; July 31.

Haviland, William D., Limoges, France, assignor to Theodore Haviland & Co., Incorporated, New York, N. Y. Dish, bowl, or similar article. Des. 63,293; Nov. 20.

Haviland, William D., Limoges, France, assignor to Theodore Haviland & Co., Incorporated, New York, N. Y. Dish, bowl, or similar article. Des. 63,294; Nov. 20.

Haviland, William D., Limoges, France, assignor to Theodore Haviland & Co., Incorporated, New York, N. Y. Dish, bowl, or similar article. Des. 63,295; Nov. 20.

Haviland, William D., Limoges, France, assignor to Theodore Haviland & Co., Incorporated, New York, N. Y. Dish, bowl, or similar article. Des. 63,296; Nov. 20.

Haviland, William D., Limoges, France, assignor to Theodore Haviland & Co., Incorporated, New York, N. Y. Teapot or similar article. Des. 63,297; Nov. 20.

Haviside Company. (See Brann, H. H., and Tenbrook, assignors.)

Hawaiian Pineapple Company. (See Hoyt, Simes T., assignor.)

Hawes, Arthur L., Freeport, assignor to Empire Notion Company, New York, N. Y. Folding container. 1,472,755; Oct. 30.

Hawes, Charlie L., Ashtabula, Ohio. Polishing and grinding machine. 1,440,386; Jan. 2.

Hawes, Charlie L., Ashtabula, Ohio. Machine for polishing and grinding. 1,450,853; Apr. 3.

Hawes, Herbert E., Milwaukee, Wis. Propelling device for aircraft. 1,461,733; July 17.

Hawes, Newell H., Arlington, assignor to Wm. F. Schrafft & Sons, Corporation, Boston, Mass. Article-feeding device. 1,459,367; June 19.

Hawes, William L., Burbank, Calif. Float-controlled valve. 1,462,599; July 24.

Hawie, Michael, Bridgeport, Conn. Rustless buckle. 1,454,440; May 8.

Hawk, Geary E., Camden, N. J. Washing machine. 1,454,384; May 8.

Hawke, Clarence E. (See Hutchins, O., and Hawke.)

Hawker, William J., assignor to Gifford Fox & Company Limited, Chard, Somerset, England. Lace machine. 1,473,094; Nov. 6.

Hawkes, Albert S., Rotorua, New Zealand. Flycatcher. 1,464,153; Aug. 7.

Hawkins, Archie W., assignor to Simmons Hardware Company, St. Louis County, Mo. Saddle. 1,462,885; July 24.

Hawkins, Arthur W., assignor to Chicago Railway Equipment Company, Chicago, Ill. Third and fourth point support for brake beams. 1,478,565; Dec. 25.

Hawkins, Clement C., Port Neches, Tex., assignor to The Texas Company, New York, N. Y. Molding asphalt: 1,470,008; Oct. 9.

Hawkins, Frederick P. (See Hawkins, W. G., and Bloodgood, assignors.)

Hawkins, Harry L., assignor to W. S. Mayer, Philadelphia, Pa. Lamp guard. 1,448,345; Mar. 13.

Hawkins, Harry L., assignor to W. S. Mayer, Philadelphia, Pa. Electric-conductor support. 1,465,731; Aug. 21.

Hawkins, Jackson D. (See Schramm, H. A., and Hawkins.)

Hawkins, Paul E. (See Nafe, A. E., and Hawkins.)

Hawkins, Roe C., and E. S. Hixson, Long Beach, Calif. Grouser. 1,453,872; May 1.

Hawkins, Todd E., Huntington, Ind. Radiator cover. 1,448,295; Mar. 13.

Hawkins, Wilford J. (See Clark, W. L., and Hawkins.)

Hawkins, Wilford J. (See Steele, Archie W., assignor.)

Hawkins, Wilford J., Montclair, N. J. Rotary compressor, expander, motor, and pump. 1,460,487; July 3.

Hawkins, William G., and V. C. Bloodgood, Harvey, and J. F. Donnellan, Chicago, Ill. Armored pneumatic wheel. 1,447,979; Mar. 13.

Hawkins, William G., and V. C. Bloodgood, Harvey, assignors of one-third to F. P. Hawkins, Chicago, Ill. Armored pneumatic disk wheel. 1,472,271; Oct. 30.

Hawkins, William W., Brooklyn, N. Y., assignor to Webster Electric Company, Racine, Wis. Inductor magneto. 1,448,346; Mar. 13.

Hawkins, William W., Brooklyn, N. Y., assignor to Webster Electric Company, Racine, Wis. Ignition system. 1,466,940; Sept. 4.

Hawkins, William W., Brooklyn, N. Y., assignor to Webster Electric Company, Racine, Wis. Ignition system. 1,475,184; Nov. 27.

Hawkins, William W., assignor to H. & H. Ignition Corporation, New York, N. Y. Ignition system. 1,466,829; Sept. 4.

Hawkinson, Axel W., assignor to Topliff-Ely Company, Washington, Pa. Hood for children's carriages and doll carts. 1,453,871; May 1.

Hawkridge, Joseph, D. Robertson, and C. J. Nairne, London, England. Nonconducting covering for boilers and other vessels. 1,443,221; Jan. 23.

Hawks, Estus J., Ames, Iowa. Clipping shears. 1,458,407; June 12.

Hawley, Agnes M., assignor to Will & Baumer Candle Co., Inc., Syracuse, N. Y. Candleholder. Des. 62,553; June 19.

Hawley, Bates E. (See Lafever, G., and Hawley.)

Hawley, Charles G., Chicago, Ill. Apparatus for furnace-slag disposal. 1,452,045; Apr. 17.

Hawley, Charles G., Chicago, Ill. Liquid-fuel furnace. 1,452,380; Apr. 17.

Hawley, Eugene W., Philadelphia, Pa. Wardrobe trunk. 1,469,943; Sept. 25.

Hawley, George W., Bridgeport, Conn., assignor to The Kny-Scheerer Corporation of America. Self-freeing orthopedic table. 1,470,362; Oct. 9.

Hawley, James H., Stockbridge, Mich. Transmission control. 1,452,505; Apr. 24.

Hawley, Joel E., assignor of one-half to W. J. Riley, Kansas City, Mo. Mailing receptacle. 1,460,322; June 26.

Hawley, William D., Syracuse, N. Y. Incandescent electric lamp. 1,441,150; Jan. 2.

Haworth, Albert, assignor to Brogdex Company, Winterhaven, Fla. Apparatus for treating fruit and the like. 1,470,732; Oct. 16.

Haworth, Frank, Nottingham, England. Paper-hanging apparatus. 1,443,683; Jan. 30.

Haworth, Henry G., assignor of one-half to B. F. Samuels, Leavenworth, Kans. Street-sweeping machine. 1,452,735; Apr. 24.

Hawthorn, R. & W., Leslie & Company et al. (See Armstrong, Robert B., assignor.)

Hawthorne, Charles W., and G. J. Rennie, Buffalo, N. Y. Turntable. 1,469,085; Sept. 25.

Hawthorne, Ellsworth A., assignor to The Patent Holding Corporation, Bridgeport, Conn. Lighting apparatus. 1,450,079; Mar. 27.

Hawthorne, Ellsworth A., and E. S. Hawthorne, Bridgeport, Conn.; said E. S. Hawthorne assignor to said Ellsworth A. Hawthorne. Automobile mirroscope bracket. 1,478,826; Dec. 25.

Hawthorne, Ellsworth S. (See Hawthorne, Ellsworth A. and E. S.)

Hawthorne, James M., Havaco, W. Va. Safety clutch for elevators. 1,448,534; Mar. 13.

Hawthorne, Louis A., Newark, N. J., assignor to Steel Utilities Incorporated. Bottle-filling machine. 1,424,405; Jan. 16.

Hawtin, Charles W., assignor of one-half to W. G. Mason, London, England. Shaving brush. 1,458,408; June 12.

Hay, Adam. (See Camiller, J., and Hay.)

Hay, Harry C., assignor of one-half to W. C. Buten, Newport, Ky. Automobile alarm signal. 1,460,377; July 3.

Hay, Howard M., Wenonah, N. J. Motor-operated chuck. 1,441,803; Jan. 9.

Hay, Howard M., Wenonah, N. J. Power-operated chuck. 1,465,820; Aug. 21.

Hay, John A., New Philadelphia, Ohio. Cotter-pin tool. 1,475,821; Nov. 27.

Hay, Ralph E. (See Bowers, Roscoe H., assignor.)

Hay, William G., Prestwich, England. Receiving and discharging apparatus of pneumatic conveyers. 1,449,857; Mar. 27.

Hayashi, Yoshio, Hollywood, Calif. Ship's bed. 1,446,421; Feb. 20.

Hayden, Arthur C., Brockton, Mass. Mat. 1,441,580; Jan. 9.

Hayden, Arthur C., Brockton, Mass. Mat. 1,465,550; Aug. 21.

Hayden-De Witz Manufacturing Company. (See Hayden, Willard A., assignor.)

Hayden, Harold P. (See Forrest, C. N., Hayden, and Douthett.)

Hayden, Harry J., jr., assignor to H. J. Hayden, sr., Lakewood, Ohio. Display device for use in advertising 1,466,736; Sept. 4.

Alphabetical list of patentees—Continued.

Hayden, Harry J., sr. (See Hayden, Harry J., jr., assignor.)
Hayden, Joseph B., J. Morris, and H. C. George, South Greensburg, Pa. High-pressure grease and oil dispenser. 1,467,157; Sept. 4.
Hayden, Willard A., Minneapolis, Minn., assignor to Hayden-De Witz Manufacturing Company. Duplex frictional transmission mechanism. 1,443,991; Feb. 6.
Hayduck, Friedrich, Wilmersdorf, Germany, assignor to The Fleischmann Company, New York, N. Y. Manufacture of compressed yeast and the product. 1,449,102; Mar. 20.
Hayduck, Friedrich, Wilmersdorf, Germany, assignor to The Fleischmann Company, New York, N. Y. Manufacture of compressed yeast. 1,449,103; Mar. 20.
Hayduck, Friedrich, Wilmersdorf, Germany, assignor to The Fleischmann Company, New York, N. Y. Manufacture of compressed yeast. 1,449,104; Mar. 20.
Hayduck, Friedrich, Wilmersdorf, Germany, assignor to The Fleischmann Company, New York, N. Y. Low-alcohol yeast process. 1,449,105; Mar. 20.
Hayduck, Friedrich, Wilmersdorf, Germany, assignor to The Fleischmann Company, New York, N. Y. Low-alcohol yeast process. 1,449,106; Mar. 20.
Hayduck, Friedrich, Wilmersdorf, Germany, assignor to The Fleischmann Company, New York, N. Y. Low-alcohol yeast process. 1,449,107; Mar. 20.
Hayduck, Friedrich, Wilmersdorf, Germany, assignor to The Fleischmann Company, New York, N. Y. Low-alcohol yeast process. 1,449,108; Mar. 20.
Hayduck, Friedrich, Wilmersdorf, Germany, assignor to The Fleischmann Company, New York, N. Y. Low-alcohol yeast process. 1,449,109; Mar. 20.
Hayduck, Friedrich, Wilmersdorf, Germany, assignor to The Fleischmann Company, New York, N. Y. Low-alcohol yeast process. 1,449,110; Mar. 20.
Hayduck, Friedrich, Wilmersdorf, Germany, assignor to The Fleischmann Company, New York, N. Y. Manufacture of yeast. 1,449,111; Mar. 20.
Hayduck, Friedrich, Wilmersdorf, Germany, assignor to The Fleischmann Company, New York, N. Y. Low-alcohol yeast process. 1,449,112; Mar. 20.
Hayduck, Friedrich, Wilmersdorf, Germany, assignor to The Fleischmann Company, New York, N. Y. Precipitation and preparation of compressed yeast. 1,449,113; Mar. 20.
Hayduck, Friedrich, Wilmersdorf, Germany, assignor to The Fleischmann Company, New York, N. Y. Foam-destroying device. 1,449,114; Mar. 20.
Hayduck, Friedrich, Wilmersdorf, Germany, assignor to The Fleischmann Company, New York, N. Y. Manufacture of yeast. Re15,716; Nov. 6.
Hayes, Charles J. W., Rochester, assignor to Ford Motor Company, Detroit, Mich. Metallic vehicle wheel. 1,467,478; Sept. 11.
Hayes, Daniel I., Pawtucket, R. I. Religious statuette, crucifix, or similar article of manufacture. Des. 61,912; Feb. 6.
Hayes, Daniel J., Woodhaven, N. Y. Rice huller 1,477,262; Dec. 11.
Hayes, Denis, Limerick, Ireland. Means for measuring or marking off the sizes of half soles of boots and shoes. 1,462,699; July 24.
Hayes-Fay Laboratories, Inc. (See Fay, R. D., and Shaw, assignors.)
Hayes, Fred B., assignor to The Western Gas Construction Company, Fort Wayne, Ind. Valve. 1,461,188; July 10.
Hayes, Harvey C., New London, Conn., assignor to Submarine Signal Company, Portland, Me. Sound detection. 1,470,733; Oct. 16.
Hayes, James R., St. Joseph, Mich. Loaf catcher for bread-wrapping machines. 1,454,279; May 8.
Hayes, John C., et al. (See Lane, George A., assignor.)
Hayes, Joseph J., Elkhart, Ind. Towel and garment holder. 1,457,166; May 29.
Hayes Manufacturing Company. (See Richard, Joseph O., assignor.)
Hayes Manufacturing Company. (See Richard, J. O., and Dickerson, assignors.)
Hayes, Michael F., Boston, Mass. Automatic self-contained fire extinguisher. 1,465,129; Aug. 14.
Hayes, Stanley W., Richmond, Ind. Derail. 1,464,606; Aug. 14.
Hayes, Stanley W., Richmond, Ind. Derail. 1,464,607; Aug. 14.
Hayes, Stanley W., assignor to Hayes Track Appliance Company, Richmond, Ind. Derail. 1,449,178; Mar. 20.
Hayes, Stanley W., assignor to Hayes Track Appliance Company, Richmond, Ind. Derail. 1,449,179; Mar. 20.
Hayes, Stephen Q., Pittsburgh, Pa., assignor to Westinghouse Electric and Manufacturing Company. Measuring system. 1,448,402; Mar. 13.
Hayes, Thomas E., assignor of one-third to W. R. Callahan and one-third to H. A. Kleinsteuber, Milwaukee, Wis. Combination traffic guide and traffic-regulating signal. 1,447,659; Mar. 6.
Hayes, Thomas J., East St. Louis, Ill., assignor to Lewis Felling Machine Company, St. Louis, Mo. Sewing-machine feed mechanism. 1,474,966; Nov. 20.
Hayes Track Appliance Company. (See Hayes, Stanley W., assignor.)
Hayes Wheel Company. (See Flick, Henry, assignor.)
Hayes Wheel Company. (See Flick, H., and Buck, assignor.)
Hayford, Harry N., assignor to William B. Durgin Company, Concord, N. H. Work-controlling attachment for lathes. 1,457,837; June 5.
Haynes, Charles V., Philadelphia, Pa., assignor to Hoffman Specialty Company, New York, N. Y. Radiator valve. 1,461,657; July 10.
Haynes, Harold L., assignor of one-half to H. J. Walser, Cleveland, Ohio. Escapement mechanism. 1,475,629; Nov. 27.
Haynes, Pierre E., Buffalo, N. Y., assignor to The Linde Air Products Company. Apparatus for transporting gases. 1,469,756; Oct. 2.
Haynes, Pierre E., Buffalo, and G. P. Gerfin, Niagara Falls, N. Y., assignors to The Linde Air Products Company. Plaster and making the same. 1,456,924; May 29.
Haynes, Pierre E., Buffalo, N. Y., and G. O. Curme, jr., Pittsburgh, Pa., assignors to The Linde Air Products Company, Cleveland, Ohio. Production of ethylene. 1,460,545; July 3.
Haynes Stellite Company. (See McCurdy, Frederick T., assignor.)
Haynes, William L., assignor to United States Cast Iron Pipe & Foundry Company, Burlington, N. J. Centrifugal pipe mold. 1,477,872; Dec. 18.
Haynn, Richard, and F. Münz, Fechenheim-on-the-Main, Germany, assignors to Leopold Cassella & Co., Gesellschaft mit beschränkter Haftung. Production of shot effects, not to be stained in piece dyeing. 1,451,299; Apr. 10.
Haynsworth, Julius D., Mansfield, Ohio, assignor to Westinghouse Electric Products Company. Electrically-heated solder pot. 1,472,170; Oct. 30.
Haynsworth, Julius D., Mansfield, Ohio, assignor to Westinghouse Electric Products Company. Electric heater. 1,472,171; Oct. 30.
Hays, Athol B., Bucyrus, N. Dak. Storm-sash hanger. 1,477,953; Dec. 18.
Hays, Fred, Tuckahoe, N. J. Tire tool. 1,450,209; Apr. 3.
Hays, John J., New York, N. Y. Locking device. 1,449,320; Mar. 20.
Hays Manufacturing Co. (See Hitchcock, Otto G., assignor.)
Hayward, Arthur E., Swindon, England. Brake slack adjuster for railway vehicles. 1,478,957; Dec. 25.
Hayward, Carle R. (See Eustis, F. A., Hayward, Schleicher, and Belcher.)
Hayward, Charles O., Ravenna, Mich. Holder device. 1,469,317; Oct. 2.
Hayward, Charles W., Santa Barbara, Calif. Form for concrete construction. 1,466,830; Sept. 4.
Hayward, Enos F., Conover, assignor of one-half to R. O. Dobberke, Conover, Wis. Skin or hide stretcher. 1,464,762; Aug. 14.
Hayward, Frank W., assignor to Kimmerle Bros., San Francisco, Calif. Wheel puller. 1,461,312; July 10.
Hayward, Henry W. (See Nutting, P. J., and Hayward.)
Hayward, Irving M., Brooklyn, N. Y. Torch. 1,461,658; July 10.
Hayward, Ned E., Holyoke, Mass. Freight-car signal. 1,463,467; July 31.
Hazard, Merlin C., Huntington Beach, Calif. Combination rope socket and jar. 1,470,445; Oct. 9.
Hazel-Atlas Glass Company. (See Beardsley, G. A., and Wardell, assignors.)
Hazel-Atlas Glass Company. (See Coleman, Thomas, jr., assignor.)
Hazel-Atlas Glass Company. (See Ingram, Alfred and H., assignors.)
Hazel, Glen. (See Runyon, George E., assignor.)
Hazelbaker, Harry D., Portsmouth, Ohio. Tire-inflating device. 1,470,446; Oct. 9.
Hazelett, Clarence W., Lakewood, assignor to The Hazelett Storage Battery Company, Cleveland, Ohio. Assembling storage battery elements. 1,478,786; Dec. 25.
Hazelett Storage Battery Company, The. (See Hazelett, Clarence W., assignor.)
Hazell, John S., assignor to Unchokeable Pump, Limited, London, England. Impeller for centrifugal pumps. 1,470,607; Oct. 16.
Hazeltine, Louis A., Hoboken, N. J. Method and electric-circuit arrangement for neutralizing capacity coupling. 1,450,080; Mar. 27.
Hazeltine, Walter E., Stamford, Conn., assignor to Atlas Powder Company, Philadelphia, Pa. Decorative fabric and manufacturing same. 1,450,367; Apr. 3.
Hazelton, Carl J., assignor to American Narrow Fabric Company, Worcester, Mass. Hose supporter. 1,467,158; Sept. 4.
Hazelton, George. (See Hanman, J., and Hazelton.)
Hazelton, George, Whitehall, London, assignor to Vickers Limited, Westminster, London, England. Machine gun. 1,447,246; Mar. 6.
Hazelton, John A., Baltimore, Md. Differential gearing. 1,450,210; Apr. 3.
Hazen, Hiram C. (See Cornell, A., and Hazen.)
Hazen, William. (See Ross, W. H., and Hazen.)
Hazen, William, and W. H. Ross, Washington, D. C. Preparing a concentrated fertilizer. 1,456,850; May 29.

Hazlehurst, Charles B., Pasadena, Calif. Broiling skillet. 1,467,272; Sept. 4.
Hazlett, Grant, and C. H. Mitchell, Binghamton, N. Y. Locking device. 1,457,029; May 29.
Hazlewood, William A., assignor of one-third to J. H. White, Fort Worth, Tex. Piston for internal-combustion engines. 1,478,608; Dec. 25.
Hazzard, Paul, Chicago, Ill. Beater. 1,465,940; Aug. 28.
H'Doubler, Charles W., Racine, Wis. Motor transmission. 1,442,217; Jan. 16.
H'Doubler, Charles W., Madison, Wis. Electrically-driven sewing machine. 1,472,588; Oct. 30.
Heacock, Harley O., Winslow, Ind. Burial vault. 1,450,291; Apr. 3.
Heacock, Nathan A., Sullivan, Ill. Stock feeder. 1,441,345; Jan. 9.
Heacock, Nathan A., Sullivan, Ill. Stock feeder. 1,465,763; Aug. 21.
Head, Cecil A., Royal Oak, Mich. Electric radiator. 1,447,952; Mar. 6.
Head, Cecil A., Royal Oak, Mich. Electric radiator. 1,458,763; June 12.
Head, Robert, New York, N. Y., assignor to The Aeolian Company. Tone-control device. 1,442,665; Jan. 16.
Head, Robert, Yonkers, N. Y., assignor to The Aeolian Company. Transposing tracker bar. 1,470,363; Oct. 9.
Head, Robert, Yonkers, N. Y., assignor to The Aeolian Company. Transposer for automatic pianos and the like. 1,470,364; Oct. 9.
Head, Ronald, Luton, England, assignor to Joseph Baker Sons and Perkins Company, Incorporated, White Plains, N. Y. Means for grinding or pulverizing food or other substances of a similar nature. 1,451,424; Apr. 10.
Headden, Elmer. (See Coats, Arizonia Z., assignor.)
Headley, Frederick H., Birmingham, England. Adjustable back rest. 1,449,401; Mar. 27.
Headley, Frederick H., Northfield, assignor to Tan Sad Limited, Birmingham, England. Metallic chair, stool, seat, and the like. 1,456,800; May 29.
Headley, Frederick H., assignor to Tan Sad Limited, Birmingham, England. Spring suspension mechanism for vehicles. Re15,721; Nov. 13.
Headley, Frederick H., assignor to Tan Sad Limited, Birmingham, England. Spring mounting of vehicle seats. 1,476,674; Dec. 4.
Headley, William T., Philadelphia, Pa. Paving material. 1,472,393; Oct. 30.
Headson, Frank A., Milwaukee, Wis. Lining or friction member for brake bands, brake shoes, or other articles. 1,468,634; Sept. 25.
Headson, Frank A., Milwaukee, Wis. Speed-changing power-transmission mechanisms for paper-making machines and other similar machines. 1,471,603; Oct. 23.
Heagerty, Patrick G., Sandusky, Ohio. Waving signal. 1,463,650; July 31.
Heal, William E., Washington, D. C. Process of and apparatus for making sheet glass. 1,460,488; July 3.
Heald, James N., and A. M. Drake, assignors to Heald Machine Company, Worcester, Mass. Internal-grinding machine. 1,468,151; Sept. 18.
Heald Machine Company. (See Guild, Waldo J., assignor.)
Heald Machine Company. (See Heald, J. N., and Drake, assignors.)
Healey, Francis J., London, England. Variable-velocity ratio gearing. 1,440,462; Jan. 2.
Healey, Francis J., assignor to The Healey Syndicate Limited, London, England. Variable velocity ratio gearing. 1,446,294; Feb. 20.
Healey, George A. (See Palmros, A., Mackie, and Healey.)
Healey Syndicate Limited, The. (See Healey, Francis J., assignor.)
Healy, Charles F., New York, N. Y. Toothbrush. 1,473,766; Nov. 13.
Healy, George E., Buffalo, N. Y. Street safety zone. 1,452,875; Apr. 24.
Healy, James F., Chicago, Ill. Trolley construction. 1,450,885; Apr. 3.
Healy, Leon J. D., assignor to Wright Rubber Products Company, Racine, Wis. Floor or wall covering. 1,473,767; Nov. 13.
Healy, Michael K., Yonkers, N. Y. Safety device for railways. 1,477,486; Dec. 11.
Heany, John A., New Haven, Conn., assignor to Rockbestos Products Corporation, New York, N. Y. Apparatus for making asbestos yarn. 1,451,824; Apr. 17.
Heany, John A., New Haven, Conn., assignor, by mesne assignments, to Rockbestos Products Corporation. Insulation-smoothing device. 1,454,166; May 8.
Heany, John A., New Haven, Conn., assignor, by mesne assignments, to Rockbestos Products Corporation. Asbestos yarn. 1,458,577; June 12.
Heap, Jesse J., New York, N. Y., assignor to Union Special Machine Company, Chicago, Ill. Plait folder for sewing machines. 1,451,220; Apr. 10.
Heap, Jesse J., Nyack, N. Y., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine for forming concealed stitches. 1,474,362; Nov. 20.
Heap, Robert S., Ightenhill, Burnley, England. Rotary perforated beam apparatus for dyeing and otherwise treating yarn with fluids. 1,471,658; Oct. 23.
Heard, John, Strathroy, Ontario, Canada. Screen-door clip. 1,463,119; July 24.
Hearding, John H., Duluth, Minn. Ore-mixing pocket. 1,443,843; Jan. 30.
Hearing, Edward. (See Handy, R. S., and Hearing.)
Hearing, Samuel D., et al. (See Reeves, H., and Cain, assignors.)
Hearn, Denmark H. (See Hearn, Hiram S. and D. H.)
Hearn, Hiram S. and D. H., Denver, Colo. Direction signal for motor vehicles. 1,463,997; Aug. 7.
Hearn, John F., Passaic, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Luminous indicator. 1,466,286; Aug. 28.
Hearn, Robert H., Dyer, Tenn. Gate. 1,440,874; Jan. 2.
Hearne, Eugene M., Brooklyn, N. Y. Soldering flux. 1,453,586; May 1.
Heartick, Edward G., Louisville, Ky. Register wall guard. 1,463,318; July 31.
Heaslip, Robert L., Hamilton, Ontario, Canada. Automobile door opening and closing device. 1,440,463; Jan. 2.
Heater, Philip H., Bucyrus, Ohio. Automobile tire tread. Des. 63,465; Dec. 11.
Heath, Clarence W., Sand Springs, Okla. Railway fare ticket. 1,455,050; May 15.
Heath, Edwin G., Concord, N. H. Adjustable shade holder. 1,477,954; Dec. 18.
Heath, Frederick, Tacoma, Wash. Pilaster construction. 1,453,837; May 1.
Heath, George H., Hastings, Fla. Vine separator for root harvesters. 1,443,741; Jan. 30.
Heath, George S., Fort Bayard, N. Mex. Rotary valve. 1,447,980; Mar. 13.
Heath, Glenn P., Aurora, Ill. Adjustable ventilator. 1,469,011; Sept. 25.
Heath, Ida M., Seattle, Wash. Culinary utensil. 1,448,296; Mar. 13.
Heath, Merton C., Terre Haute, Ind. Mechanism for handling bottles, etc. 1,460,020; June 26.
Heath, Sidney J., Johnson City, N. Y. Counter-molding machine. 1,471,261; Oct. 16.
Heath, Spencer, Baltimore, Md. Variable-pitch propeller. 1,446,795; Feb. 27.
Heath, Spencer, Baltimore, Md. Adjustable and reversible propeller. 1,447,080; Feb. 27.
Heath, William C., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Protected electrode igniter. 1,441,681; Jan. 9.
Heath, William C., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Ignition system for combustion engines. 1,452,601; Apr. 24.
Heathcote, Anna C., Chicago, Ill. Hair curler. 1,465,216; Aug. 14.
Heather, Frederick, Kenilworth, near Cape Town, South Africa. Means for silencing explosion noises connected with motor cars, motor vehicles, cycle, gas, oil, and steam engines. 1,474,115; Nov. 13.
Heaton, Clarence E., assignor to Wilson Brothers, Chicago, Ill. Display box. 1,453,672; May 1.
Heaton, Edward C., Harrogate, England. D or stirrup shaped handle. 1,478,854; Dec. 25.
Heaton, Hylon J., et al. (See Hammond, C., and Inman, assignors.)
Heaton, John, et al. (See Flowers, Stanley A., assignor.)
Hebbard, Charles C., assignor of one-third to E. H. Shackelford and one-third to O. Ruhl, Joplin, Mo. Concentrating table. 1,452,969; Apr. 24.
Hebel, Evald, Copenhagen, Denmark. Device for signaling changes of driving in automobiles. 1,466,044; Aug. 28.
Hebenstreit, Edward H., Nokomis, Ill. Railway switch. 1,464,040; Aug. 7.
Heberling, John, assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Belt buckle. 1,451,160; Apr. 10.
Heberling, John, assignor to Hickok Mfg. Company, Inc., Rochester, N. Y. Belt buckle. 1,457,573; June 5.
Heberling, Susie, Overbrook, Kans. Door catch. 1,442,879; Jan. 23.
Hebern, Edward H., assignor to H & H Patent Developing Company, Oakland, Calif. Electric typewriting machine. 1,473,292; Nov. 6.
Hebert, Albert H., Holyoke, Mass. Oil shield for belt pulleys. 1,453,673; May 1.
Hebert, Erminie, Hammond, La. Bread toaster. 1,468,069; Sept. 18.
Hebert, Onesime, Oklahoma, Okla. Car coupling. 1,445,313; Feb. 13.
Hebert, Onesime, Oklahoma, Okla., assignor to Universal Car and Hose Coupler Company, Phoenix, Ariz. Drawbar and coupling connection. 1,448,487; Mar. 13.
Hébrard, Henri, Sceaux, France. Gyroscopic toy. 1,461,313; July 10.
Hebrock, Richard G., Irvington, N. J. Metallic radiator thermometer. 1,464,678; Aug. 14.
Hebron, Frank H., et al. (See Hagerty, Robert J., assignor.)
Hebsacker, Wilhelm, Heilbronn, Germany. Excavating machine. 1,460,671; July 3.
Hechenbleikner, Ingenuin, and T. C. Oliver, Charlotte, N. C., assignors to Chemical Construction Company, New York, N. Y. Method of and apparatus for concentrating liquids. 1,456,874; May 29.
Hechenbleikner, Ingenuin, and T. C. Oliver, Charlotte, N. C., assignors to Chemical Construction Company, New York, N. Y. Method and apparatus for producing sulphur compounds. 1,464,527; Aug. 14.

Alphabetical list of patentees—Continued.

Hechenbleikner, Ingenuin, and F. J. Bartholomew, Charlotte, N. C., assignors to Chemical Construction Company, New York, N. Y. Treating sludge acids and separated sludge acids. 1,457,030; May 29.
Hechmer, John J., Grafton, W. Va. Method of and container for storing used safety-razor blades. 1,476,401; Dec. 4.
Hecht, Albert F., Worth, Ill. Washing machine. 1,465,517; Aug. 21.
Hecht, Earl A., Mansfield, Ohio. Tire tread. Des. 62,169; Apr. 3.
Hecht, Earl A., Mansfield, Ohio. Tire tread. Des. 63,257; Nov. 13.
Hecht, Earl A., Mansfield, Ohio. Tire tread. Des. 63,258; Nov. 13.
Hecht, Heinrich, and F. Schenkelberger, Kiel, Germany. Subaqueous sound-signal transmitter. 1,475,385; Nov. 27.
Hecht, Joseph L., Davenport, assignor to G. W. French, J. L. Hecht, Davenport, Iowa, and W. H. Stackhouse, Springfield, Ohio, composing the Firm of French & Hecht. Making metal wheel hubs. 1,452,200; Apr. 17.
Hecht, Leon J., assignor to Smith-Hecht Company, Indianapolis, Ind. Folding cardboard fan. 1,449,402; Mar. 27.
Hecht, Paul O., Davenport, Iowa. Cleaning attachment for rakes. 1,449,673; Mar. 27.
Heck, Carl W., Hastings-on-Hudson, assignor to Western Electric Company, Incorporated, New York, N. Y. Loud-speaking receiver. Des. 62,986; Sept. 4.
Heck, Gaylord S. (See Lingafelter, F. E., and Heck.)
Heck, George D., Prince Bay, N. Y., assignor to The S. S. White Dental Manufacturing Company. Spittoon. 1,450,806; Apr. 3.
Heck, George D., Prince Bay, N. Y., assignor to The S. S. White Dental Manufacturing Company. Dental chair. 1,472,272; Oct. 30.
Heckart, William, Bradner, Ohio. Portable oil-well derrick. 1,440,598; Jan. 2.
Heckel, Edmund P., Chicago, Ill., assignor to Carrier Engineering Corporation, New York, N. Y. Method of and apparatus for regulating driers. 1,449,115; Mar. 20.
Heckel, Louis A. (See Gearhart, R. E., Stewart, and Heckel.)
Heckling, George. (See Downs, L. S., and Heckling.)
Heckman, James, assignor of one half to S. L. Bargsley, Electra, Tex. Rat and mouse trap. 1,453,352; May 1.
Heckman, John A. (See Heckman, William and J. A.)
Heckman Signal Company, The. (See Heckman, William, and J. A., assignors.)
Heckman, William and J. A., Denver, Colo., assignors to The Heckman Signal Company. Automobile signal. Des. 62,723; July 24.
Heckmann, Harry A., assignor to The United States Machine Tool Company, Cincinnati, Ohio. Mechanism for making piston rings. 1,456,925; May 29.
Heckscher, Edwin M. (See Hofmann, Carl J., assignor.)
Hecox, Seward W., Zeeland, Mich. Cabinet phonograph. 1,444,788; Feb. 13.
Hedberg, Chancey C., Des Moines, Iowa. Toilet-seat front shield. 1,442,270; Jan. 16.
Hedberg, Roy E., Grenfell, Saskatchewan, Canada. Valve rocker arm. 1,469,155; Sept. 25.
Hedburg, Eric, Kingman, Ariz. Lining for ball mills. 1,460,796; July 3.
Heddle, Robert, and R. Qua, Nelson, British Columbia, Canada. Animal trap. 1,464,872; Aug. 14.
Heddon, Charles, and W. A. Stolley, Dowagiac, Mich. Artificial fish bait. 1,477,756; Dec. 18.
Heddon's, James, Sons. (See Welch, John T., assignor.)
Hedgecock, William C., assignor to American Steel Foundries, Chicago, Ill. Fulcrum for brake beams. 1,445,881; Feb. 20.
Hedgecock, William C., assignor to American Steel Foundries, Chicago, Ill. Brake-beam fulcrum. 1,446,042; Feb. 20.
Hedgcock, William C., assignor to American Steel Foundries, Chicago, Ill. Adjustable brake head. 1,453,838; May 1.
Hedgcock, William C., assignor to American Steel Foundries, Chicago, Ill. 1,454,167; May 8.
Hedgcock, William C., assignor to American Steel Foundries, Chicago, Ill. Forged-steel fulcrum. 1,454,168; May 8.
Hedger, Ward E., Waupun, Wis. Safety valve and pressure indicator for automobile tires. 1,464,425; Aug. 7.
Hedges, Abraham D., Long Beach, Calif. Automobile top. 1,445,213; Feb. 13.
Hedges, Edward G., Newark, and W. W. Heroy, Bloomfield, N. J. Means for controlling flush-tank valves. 1,462,106; July 17.
Hedges, William T., assignor to Corning Glass Works, Corning, N. Y. Cooking-dish cover. Des. 62,948; Aug. 28.
Hedges, William T., assignor to Corning Glass Works, Corning, N. Y. Cooking dish. Des. 62,949; Aug. 28.
Hedges, William T., assignor to Corning Glass Works, Corning, N. Y. Cooking-dish cover. Des. 62,950; Aug. 28.
Hedglin, Daniel A., San Francisco, Calif. Automobile wheel lock. 1,456,021; May 22.
Hedin, Anton, Buffalo, N. Y. Ignition system for internal-combustion engines. 1,448,535; Mar. 13.
Hedin, Erlin A., Chester, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dynamite cartridge. 1,440,994; Jan. 2.
Hedley, Frank, Yonkers, and J. S. Doyle, Mount Vernon, N. Y. Safety platform mechanism. 1,443,129; Jan. 23.
Hedley, Frank, Yonkers, and J. S. Doyle, Mount Vernon, N. Y. Collapsible guard lookout station for railway cars. 1,449,403; Mar. 27.
Hedlund, Martin R., H. C. Hoitomt and W. E. Hedlund, Boyceville, Wis. Stable-cleaning device. 1,444,119; Feb. 6.
Hedlund, Wilfred E. (See Hedlund, M. R., Hoitomt, and Hedlund.)
Hedly, Arthur H., assignor to The Ludlow Typograph Company, Chicago, Ill. Strip-forming mechanism. 1,476,967; Dec. 11.
Hedrick, Clarence E., Newton, Kans. Poultry-dipping machine. 1,453,674; May 1.
Hedrick, Eugene F., Ottumwa, Iowa. Firearm. 1,448,297; Mar. 13.
Hedstrom, Carl. (See Berg, Emil G., assignor.)
Hedstrom, Gustav W., assignor of one-half to P. W. Fulford, Chicago, Ill. Drying machine. 1,472,417; Oct. 30.
Hedtrich, Arthur. (See Lewisky, J., and Hedtrich.)
Hedwall, Adolphe. (See Lidholm, K. F., and Hedwall.)
Heenan & Froude Limited. (See Cruyt, Lucien C., assignor.)
Heenan & Froude, Limited. (See Walker, George H., assignor.)
Heene, George W., Cleveland, Ohio. Blank for emblems and the like. 1,455,289; May 15.
Heene, J. E. (See Giffin, Alfred R., assignor.)
Heeney, Joseph P., Medford, Mass. Floor connection for soil pipes and the like. 1,477,560; Dec. 18.
Heer, Otto F., Ontario, Calif. Pipe mold. 1,471,262; Oct. 16.
Heerey, James C., Philadelphia, Pa. Curtain clasp. 1,476,887; Dec. 11.
Heesch, Otto K. (See Madsen, Mathias O. S., assignor.)
Heess, Jacob, Ebertsheim, Germany, assignor to R. J. Marx, London, England. Extracting moisture from plastic material. 1,474,259; Nov. 13.
Heeter, Charles M., Butler, Pa. Pipe grip. 1,455,612; May 15.
Heeter, Thomas E., St. Louis, Mo. Machine for making book covers. 1,460,581; July 3.
Heffler, Philip, Pittsburgh, assignor of one-half to H. C. Simmons, Crafton, Pa. Oil still. 1,463,698; July 31.
Heffner, Charles S., Pittsburgh, Pa. Cigarette carton. 1,466,225; Aug. 28.
Hefner, Jesse A. L., Danese, W. Va. Jay bar. 1,451,657; Apr. 10.
Heftler, Victor R., Detroit, Mich., assignor to Societe du Carburateur Zenith, Lyon, France. Stop lever. 1,465,668; Aug. 21.
Hegan, Horace J., Coventry, assignor to Courtaulds Limited, London, England. Manufacture of threads, filaments, and the like of cellulose. 1,446,301; Feb. 20.
Hegg, Frederick N., et al. (See Fellroth, Erick O., assignor.)
Heggelund, Ragnar O., Lake Preston, S. Dak. Insect destroyer. 1,459,396; June 19.
Heggem, Alfred G., Tulsa, Okla. Well-cleaning swab. 1,449,674; Mar. 27.
Heginbottom, Walter G., assignor of one-half to J. R. Francis, Flint, Mich. Forming pistons. 1,441,082; Jan. 2.
Hegnes, Peter J., Canton, S. Dak. Vending machine. 1,462,283; July 17.
Heiberg, Fred, et al. (See Bahr, August T. J., assignor.)
Heichel, Joseph G. (See Louden, Edgar W., assignor.)
Heidbrink, Jay A., Minneapolis, Minn. Dental device for spreading tissues. 1,450,419; Apr. 3.
Heidbrink, Jay A., Minneapolis, Minn. Sensitized-film holder for X-ray photography. 1,450,420; Apr. 3.
Heide, William A., Detroit, Mich. Spark plug. 1,461,797; July 17.
Heidelberg, Wolf & Company. (See Schwartz, William, assignor.)
Heidelberger, Henry, et al. (See Starkl, Joseph, assignor.)
Heideman, Fred J., Detroit, Mich., assignor to Kelvinator Corporation, Wilmington, Del. Shaft seal for compressors. 1,458,183; June 12.
Heidenreich, Carl, assignor to Farbenfabriken vorm. Friedr, Bayer and Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Azo dyestuffs. 1,474,587; Nov. 20.
Heidenreich, Isidor, St. Louis, Mo. Advertising device. 1,442,271; Jan. 16.
Heider, Henry J., Carroll, Iowa. Roller bearing. 1,451,825; Apr. 17.
Heidland, Herman, St. Louis, Mo. Drawer pull. 1,473,854; Nov. 13.
Heidrich, Richard E. (See Smith, E. M., and Heidrich.)
Heien, Ingvald, Hedemarken, Norway. Bitless bridle. 1,478,958; Dec. 25.
Heigh, John W., and F. J. Burch, Rochester, N. Y.; said Burch assignor to said Heigh. Door-locking mechanism for milk compartments. 1,448,066; Mar. 13.
Heil Co., The. (See Heil, J. P., and Wesenberg, assignors.)

Heil, Julius P., Milwaukee, Wis. Fluid hoist. 1,474,834; Nov. 20.
Heil, Julius P., and C. Wesenberg, assignors to The Heil Co., Milwaukee, Wis. Bumper. 1,447,387; Mar. 6.
Heilman, Henry N., St. Louis, Mo. Coupon-cutting machine. 1,463,393; July 31.
Heilman, John C., Cincinnati, Ohio. Bonbon-coating machine. 1,447,549; Mar. 6.
Heim, Henry E., Portland, Oreg. Boiler appliance. 1,447,550; Mar. 6.
Heim, Philip E., Sharon Hill, Pa. Vest. 1,460,416; July 3.
Heiman, Joseph A., Baileyville, Kans. Gun cleaning and oiling rod. 1,450,037; Mar. 27.
Heimann, Albert, New York, N. Y. Weighing and advertising machine. 1,464,846; Aug. 14.
Heimendinger, Henry, Lake Charles, La. Signal device for road crossings. 1,464,819; Aug. 14.
Heimerdinger, William G., Louisville, Ky. Ice-cream dipper. 1,450,886; Apr. 3.
Heimerman, Servatius, Chilton, Wis. Chimney cleaner. 1,475,229; Nov. 27.
Heimrod, Albert A. (See Dillon, E. P., and Heimrod.)
Heimstädt, Oskar, Vienna, Austria. Stereoscopic eyepiece for microscopes. 1,470,670; Oct. 16.
Hein, Adolph J., Sioux City, Iowa. Pump. 1,474,260; Nov. 13.
Hein, George N. (See Platt, F. L., Hein, and Impey.)
Hein, George N., San Francisco, Calif. Vehicle windshield attachment. 1,441,501; Jan. 9.
Hein, George N., San Francisco, Calif. Sun and glare shade for vehicles. 1,459,180; June 19.
Heindl, Martin, et al. (See Folgert, Joseph W., assignor.)
Heine Boiler Company. (See Cotton, Alfred, assignor.)
Heine, Ferdinand H., assignor, by mesne assignments, to Koehring Company, Milwaukee, Wis. Paver-mixer crane. 1,468,472; Sept. 18.
Heine, Ferdinand H., assignor to Koehring Company, Milwaukee, Wis. Traction shoe. 1,474,967; Nov. 20.
Heine, Frank H. (See Nicholas, Lorena B.)
Heine, Frederick J., Huntington, Mass. Reed hook. 1,459,465; June 19.
Heine, Fritz F., Leipzig, Germany. Elastic ring-shaped holder for small lamps. 1,450,547; Apr. 3.
Heine, Hermann, Wetzlar, Germany. Microscope. 1,448,592; Mar. 13.
Heine, Wilhelm, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Gun barrel. 1,467,159; Sept. 4.
Heineke, John C., Springfield, Ill. Foot accelerator. 1,469,559; Oct. 2.
Heineman, Mortimer S., Baltimore, Md. Cigar wrapper. 1,474,363; Nov. 20.
Heinemann, Arthur, Berlin-Tempelhof, Germany. Production of artificial resins. 1,441,981; Jan. 9.
Heinemann, Arthur, Berlin-Tempelhof, Germany. Manufacture of formaldehyde. 1,460,244; June 26.
Heinemann Electric Company. (See Mayer, Walter S., assignor.)
Heinemann, George. (See Remsen, William H., assignor.)
Heinemann, Karl, Heidenau, Germany. Recovery of pure alkalies from impure lyes. 1,453,132; Apr. 24.
Heiner, Anthony, New York, N. Y. Printing press. 1,441,083; Jan. 2.
Heinitsh, William W., I. C. Shalkop, and A. B. Lauterbach, Philadelphia, Pa., assignor to The De Luxe Brush Company, Wilmington, Del. Device for dispensing liquid or plastic materials. 1,472,123; Oct. 30.
Heinkel, Christian F., Cleveland, assignor to The Cleveland Tractor Company, Euclid, Ohio. Track belt. 1,456,378; May 22.
Heinkel, John, St. Louis, Mo. Garage drain. 1,456,105; May 22.
Heinold, Robert, Kiel, Germany. Level-indicating arrangement. 1,467,853; Sept. 11.
Heinrich, Ernst H., Chemnitz, Germany. Swinging nippers in flat combing machines. 1,464,820; Aug. 14.
Heinrich, Jules. (See Vandergaw, E. B., and Heinrich.)
Heinrich, Mary E., Freeport, N. Y. Sport suit. Des. 62,951; Aug. 28.
Heinrich, Valentine, Los Angeles, Calif. Fender. 1,443,362; Jan. 30.
Heinrichs, Berg, assignor to Mid-West Box Company, Anderson, Ind. Machine for making corrugated board. 1,453,458; May 1.
Heinritz, Walter J., Norristown, Pa. Control of furnaces. 1,477,263; Dec. 11.
Heins, John. (See Heins, William F. and J.)
Heins, William F. and J., Albany, N. Y. Fuse plug. 1,443,261; Jan. 23.
Heintz, Andrew, Neosho, Wis. Automobile fan. 1,441,852; Jan. 9.
Heintz, Ernest E., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Window regulator. 1,463,422; July 31.
Heintz, Ernest E., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Torsion-spring tension regulator. 1,470,977; Oct. 16.
Heintz, James C., Lakewood, Ohio. Vulcanizer. 1,477,174; Dec. 11.
Heintz, Leo I., assignor to Heintz Manufacturing Company, Philadelphia, Pa. Automobile body frame. 1,441,853; Jan. 9.
Heintz, Leo I., assignor to Heintz Manufacturing Company, Philadelphia, Pa. Automobile body. 1,441,854; Jan. 9.
Heintz Manufacturing Company. (See Heintz, Leo I., assignor.)
Heintz, Otto, Colby, Wis. Road machine. 1,447,306; Mar. 6.
Heintz, Samuel, Youngstown, Ohio, assignor, by mesne assignments, to The Republic Rubber Company. Resilient vehicle tire. Des. 63,644; Dec. 25.
Heinz, H. J., Company. (See Higerd, F. A., and Becker, assignors.)
Heinze, John O., Lakeland, Fla. Lathe tool. 1,453,133; Apr. 24.
Heinze, John O., Lakeland, Fla. Tractor. 1,453,134; Apr. 24.
Heinze, William A., assignor to Crane Company, Chicago, Ill. Die-casting machine. 1,478,117; Dec. 18.
Heis, Leonhard, and H. Jezler, Zurich, Switzerland. Chemical conversion of substances. 1,475,995; Dec. 4.
Heise, George W., Elmhurst, N. Y., assignor to Union Carbide & Carbon Research Laboratories, Inc. Depolarizer and preparing the same. 1,468,234; Sept. 18.
Heise, George W., Elmhurst, and H. H. Thompson, Flushing, N. Y., assignors to Union Carbide & Carbon Research Laboratories, Inc. Flash light and battery therefor. 1,464,573; Aug. 14.
Heise, Wilhelm, Munich, Germany, assignor to A. Deichmann, Hillegersberg, near Rotterdam, Netherlands. Process and apparatus for the production of reliefs. 1,443,624; Jan. 30.
Heise, William H. (See Schurch, Jacob, assignor.)
Heiser, Charles J., Los Angeles, Calif. Thermostatic valve. 1,449,675; Mar. 27.
Heiser, Joseph B., Williamsport, Pa. Valve-protecting tire carrier. 1,457,735; June 5.
Heisey, A. H., & Co. (See Heisey, T. Clarence, assignor.)
Heisey, A. H., & Co. (See Sanford, Andrew J., assignor.)
Heisey, T. Clarence, assignor to A. H. Heisey & Co., Newark, Ohio. Surface ornamentation for goblet or similar article. Des. 61,952; Feb. 13.
Heising, Raymond A., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Modulating and transmitting system. 1,442,146; Jan. 16.
Heising, Raymond A., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Production of modulated high-frequency oscillations. 1,442,147; Jan. 16.
Heising, Raymond A., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Thermionic vacuum tube. 1,445,278; Feb. 13.
Heising, Raymond A., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical discharge device. 1,452,339; Apr. 17.
Heising, Raymond A., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Two-way-signaling system. 1,464,097; Aug. 7.
Heising, Raymond A., East Orange, N. J., assignor to Western Electric Company Incorporated, New York, N. Y. Radiocommunication. 1,465,357; Aug. 21.
Heising, Raymond A., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Signaling. 1,465,358; Aug. 21.
Heising, Raymond A., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. System of communication. 1,465,732; Aug. 21.
Heising, Raymond A., Millburn, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Carrier-wave signaling system. 1,444,605; Feb. 6.
Heising, Raymond A., Millburn, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Signaling system. 1,448,216; Mar. 13.
Heising, Raymond A., Millburn, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Translating apparatus. 1,456,503; May 29.
Heising, Raymond A., Millburn, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. System for producing modulated waves. Re15,722; Nov. 13.
Heisler, Charles L., Schenectady, N. Y., assignor to General Electric Company. Gearing. 1,453,709; May 1.
Heisler, Frederick W., Schenectady, N. Y. Crane door-operating mechanism. 1,457,907; June 5.
Heisler, Otto, Milwaukee, Wis. Clothes wringer. 1,468,447; Sept. 18.
Heisner, Paul A. (See Heisner, Wesley P. and P. A.)
Heisner, Wesley P. and P. A., Rockville, Nebr. Adjustable strainer support. 1,463,394; July 31.
Heister, Louis H., jr. (See Walther, Adolph F., assignor.)
Heiter, Henry L., New York, N. Y. Ornamental bottle top. 1,454,510; May 8.
Heitler, George, New York, N. Y. Wedge attachment for shoes. 1,477,825; Dec. 18.
Heitman, Ernest, North Bergen, N. J. Shade support. 1,458,184; June 12.
Heitzman, Robert J., Union Hill, N. J. Detector stand. 1,477,826; Dec. 18.

Hejl, Josef, Rosenberg, Tex. Printing press. 1,440,995; Jan. 2.
Helander, Ernst G., et al. (See Gutekunst, David W., assignor.)
Helander, Ernst G., Philadelphia, Pa., assignor to United States Cast Iron Pipe & Foundry Company, Burlington, N. J. Annealing furnace. 1,471,659; Oct. 23.
Helbig, Walter, Queens, N. Y. Lace. Des. 62,724; July 24.
Helbronner, André. (See Henri, V., Helbronner, and von Recklinghausen.)
Helbronner, André, Paris, and P. Pipereaut, Nantes, France. Producing sulphides. 1,443,077; Jan. 23.
Helburn Thompson Company. (See Boynton, Phillip F., assignor.)
Belcher, William C., Akron, Ohio. Pouring spout for vessels. 1,470,978; Oct. 16.
Heldrich, Andrew, Philadelphia, Pa., assignor to Cade Manufacturing Company, Shelby, N. C. Typographical machine. 1,456,436; May 22.
Hele-Shaw, Henry S., London, England. Hydraulic clutch or coupler. 1,462,600; July 24.
Hele-Shaw, Henry S., London, England. Radial-cylinder hydraulic clutch. 1,466,622; Aug. 28.
Helenek, George J., New York, N. Y. Display stand. 1,469,725; Oct. 2.
Helfrecht, Fred A., Berkeley, Calif. Casing for holding counting disks. Des. 62,192; Apr. 10.
Helfrich, George P., San Francisco, Calif. Fountain attachment for brushes. 1,467,036; Sept. 4.
Helgeson, Stiner T., Minneapolis, Minn. Adjustable metal frame. 1,472,069; Oct. 30.
Helke, Benjamin, Glencoe, Ill. Violin bridge. 1,470,734; Oct. 16.
Helland, Sigurd H., assignor to Whitin Machine Works, Whitinsville, Mass. Detaching motion for combing machines. 1,464,098; Aug. 7.
Hellberg, Harold, Somerville, Mass. Splash counterdrop press. 1,453,390; May 1.
Hellebrand, Anthony, Philadelphia, Pa. Vehicle signal. 1,454,114; May 8.
Hellenthal, Karl, deceased, Chicago, Ill.; E. F. Link and M. Reinel, executors. Vehicle suspension means. 1,469,788; Oct. 9.
Heller, Benjamin, Chicago, Ill. Sealing closed containers. 1,469,923; Oct. 9.
Heller, Carl, New York, N. Y. Combination bed and table. 1,473,370; Nov. 6.
Heller, Isaak, Brooklyn, N. Y. Waistband buttonhole strip. 1,471,604; Oct. 23.
Heller, Israel E., Buffalo, N. Y. Means and method of manufacturing interfolded pieces of cloth, etc. 1,443,363; Jan. 30.
Heller, Joseph, Des Moines, Iowa. Razor-blade holder. 1,441,346; Jan. 9.
Heller, L., & Son, Inc. (See Heller, Milton J., assignor.)
Heller, L., & Son, Inc. (See Heller, Samuel, assignor.)
Heller, Max, Berlin-Charlottenburg, Germany. Metal-scouring and ungreasing device. 1,451,981; Apr. 17.
Heller, Milton J., assignor to L. Heller & Son, Inc., New York, N. Y. Precious, or semiprecious, or synthetic stone, or an imitation thereof, or an article of similar nature. Des. 62,991; Sept. 4.
Heller, Milton J., assignor to L. Heller & Son, Inc., New York, N. Y. Precious or semiprecious, or synthetic stone, or an imitation thereof or an article of similar nature. Des. 62,992; Sept. 4.
Heller, Milton L., Brooklyn, N. Y. Waistband. 1,452,201; Apr. 17.
Heller, Richard D., Boise, Idaho. Seed screen. 1,447,660; Mar. 6.
Heller, Samuel, assignor to L. Heller & Son, Inc., New York, N. Y. Precious, or semiprecious, or synthetic stone, or an imitation thereof, or an article of similar nature. Des. 62,375; May 15.
Heller, Samuel, assignor to L. Heller & Son, Inc., New York, N. Y. Precious, or semiprecious, or synthetic stone, or an imitation thereof, or an article of similar nature. Des. 62,376; May 15.
Heller, Samuel, assignor to L. Heller & Son, Inc., New York, N. Y. Precious, or semiprecious, or synthetic stone, or an imitation thereof, or an article of similar nature. Des. 62,377; May 15.
Heller, Samuel, assignor to L. Heller & Son, Inc., New York, N. Y. Precious, or semiprecious, or synthetic stone, or an imitation thereof, or an article of similar nature. Des. 62,378; May 15.
Heller, Samuel, assignor to L. Heller & Son, Inc., New York, N. Y. Precious, or semiprecious, or synthetic stone, or an imitation thereof, or an article of similar nature. Des. 62,379; May 15.
Heller, Samuel, assignor to L. Heller & Son, Inc., New York, N. Y. Precious, or semiprecious, or synthetic stone, or an imitation thereof, or an article of similar nature. Des. 62,380; May 15.
Heller, Samuel, assignor to L. Heller & Son, Inc., New York, N. Y. Precious, or semiprecious, or synthetic stone, or an imitation thereof, or an article of similar nature. Des. 62,381; May 15.
Heller, Samuel, assignor to L. Heller & Son, Inc., New York, N. Y. Precious, or semiprecious, or synthetic stone, or an imitation thereof, or an article of similar nature. Des. 62,382; May 15.
Heller, Samuel, assignor to L. Heller & Son, Inc., New York, N. Y. Precious, or semiprecious, or synthetic stone, or an imitation thereof, or an article of similar nature. Des. 62,383; May 15.
Heller, Samuel, assignor to L. Heller & Son, Inc., New York, N. Y. Precious, or semiprecious, or synthetic stone, or an imitation thereof, or an article of similar nature. Des. 62,384; May 15.
Heller, Samuel, assignor to L. Heller & Son, Inc., New York, N. Y. Precious, or semiprecious, or synthetic stone, or an imitation thereof, or an article of similar nature. Des. 62,385; May 15.
Heller, Samuel, assignor to L. Heller & Son, Inc., New York, N. Y. Precious, or semiprecious, or synthetic stone, or an imitation thereof, or an article of similar nature. Des. 62,386; May 15.
Heller Tool Company. (See Lyons, W. W., and McElroy, assignors.)
Helliwell, Frank O. (See Chick, H. R., Helliwell, and Plumbridge.)
Hellmann, Lui F., and W. W. Baxter, Indianapolis, Ind. Automatic brake lock. 1,459,099; June 19.
Hellmann, Lui F., and W. W. Baxter, assignors to Air Brake Safety Appliance Company, Indianapolis, Ind. Automatic safety control for air-brake systems. 1,459,098; June 19.
Hellmund, Rudolf E., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control apparatus. 1,451,544; Apr. 10.
Hellmund, Rudolf E., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Alternating-current commutator generator. 1,453,391; May 1.
Hellmund, Rudolf E., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Dynamo-electric machine. 1,454,925; May 15.
Hellmund, Rudolf E., Swissvale, Pa., assignor to Westinghouse Electric and Manufacturing Company. Exciting system for phase converters. Re15,623; June 12.
Hellmund, Rudolf E., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Motor-control system. 1,460,157; June 26.
Hellmund, Rudolf E., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Brush holder. 1,460,158; June 26.
Hellmund, Rudolf E., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. System of control. 1,466,287; Aug. 28.
Hellmund, Rudolf E., Swissvale, Pa., assignor to Westinghouse Electric and Manufacturing Company. Single-phase commutator motor. 1,472,172; Oct. 30.
Hellmund, Rudolf E., Swissvale, Pa., assignor to Westinghouse Electric and Manufacturing Company. System of control. 1,475,823; Nov. 27.
Hellmund, Rudolf E., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrical system. 1,475,822; Nov. 27.
Hellroth, Carl, and G. Carlson, Youngstown, Ohio. Combination vehicle shade. 1,446,899; Feb. 27.
Hellstrand, Gustaf A., Butte, Mont. Differential flotation of ores. 1,469,042; Sept. 25.
Hellstrom, John A., Wheeling, W. Va. Machine for separating metal sheets. 1,443,178; Jan. 23.
Hellstrom, John A., Wheeling, W. Va. Sheet-opening mechanism. 1,443,179; Jan. 23.
Hellstrom, John A., Wheeling, W. Va. Apparatus for separating rolled sheet-metal plates. 1,461,580; July 10.
Hellus, Frank H., Trenton, N. J. Shade retarder. 1,449,321; Mar. 20.
Hellwarth, Russell O., Celina, Ohio. Transmission mechanism. 1,470,078; Oct. 9.
Helm, Emerson B., assignor of one-third to C. L. Gebauer and one-third to J. Benner, Cleveland, Ohio. Headlight for automobiles. 1,451,161; Apr. 10.
Helm, George C., Columbia, Mo. Display device. 1,444,120; Feb. 6.
Helman, Calvin C., Cleveland, Ohio. Cord dispenser. 1,451,300; Apr. 10.
Helmbold, Paul A., Vohwinkel, Germany. Driving mechanism for combing machine. 1,444,877; Feb. 13.
Helmer, Charles H., and J. Wehrung, Rochester, N. Y., assignors to Fitz-Empire Double Pivot Last Company, Auburn, Me. Last. 1,463,814; Aug. 7.
Helmet Cap Company. (See Force, Gerald E., assignor.)
Helmhold, J. F., & Bro. (See Lorch, Henry, assignor.)
Helmick, Milton J., and T. L. Agnew, Albuquerque, N. Mex. Resilient wheel. 1,450,740; Apr. 3.
Helmkee, Jacob, Kenmore, assignor to J. H. La Croix, Cleveland, Ohio. Heating furnace. 1,474,032; Nov. 13.
Helmond, William F., Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Spring motor for typewriter carriages. 1,442,880; Jan. 23.
Helmond, William F., Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine and case. 1,446,745; Feb. 27.
Helmond, William F., Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Shipping case. 1,447,513; Mar. 6.
Helmond, William F., Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,448,217; Mar. 13.

Helmond, William F., Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,465,243; Aug. 14.
Helmond, William F., Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,470,568; Oct. 9.
Helmond, William F., Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,474,932; Nov. 20.
Helscher, Christian, and F. W. Koontz, Massillon, Ohio. Key holder. 1,441,855; Jan. 9.
Heltman, Curg W., assignor of one-half to W. F. Wettling, Indiana, Pa., and one-third to F. Sutton, Washington, D. C. Brake. 1,441,084; Jan. 2.
Heltzel, Francis O., Warren, Ohio. Hold-tight rail connection. 1,472,018; Oct. 23.
Heltzel, John N., Warren, Ohio. Concrete form. 1,459,207; June 19.
Hem, Halvor O., assignor to Toledo Scale Company, Toledo, Ohio. Scale pivot. 1,445,882; Feb. 20.
Hem, Halvor O., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 1,453,353; May 1.
Hem, Halvor O., assignor to Toledo Scale Company, Toledo, Ohio. Dynamometer. 1,453,354; May 1.
Hem, Halvor O., assignor to Toledo Scale Company, Toledo, Ohio. Wire-drawing scale. 1,453,355; May 1.
Hem, Halvor O., assignor to Toledo Scale Company, Toledo, Ohio. Pivot retainer. 1,459,449; June 19.
Hem, Halvor O., assignor to Toledo Scale Company, Toledo, Ohio. Pivot mounting. 1,463,423; July 31.
Hem, Halvor O., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 1,468,020; Sept. 18.
Hem, Halvor O., assignor to Toledo Scale Company, Toledo, Ohio. Testing machine for piston rings and the like. 1,470,668; Oct. 16.
Hem, Halvor O., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 1,470,669; Oct. 16.
Hemco Electric Manufacturing Company. (See Ile, William, assignor.)
Hemelstrand, Walter R., Edison, Nebr. Hog trough. 1,462,793; July 24.
Hemen, Catherine M., Washington, D. C. Compound for cleaning aluminum. 1,456,486; May 22.
Hemen, Catherine M., Washington, D. C. Article for removing stains 1,477,220; Dec. 11.
Hemenway, John F. (See Wright, Rea P., assignor.)
Heming, Edward F., Swan River, Manitoba, assignor of one-fourth to J. M. Iredale, Winnipeg, Manitoba, Canada. Coal chute. 1,458,978; June 19.
Hemingway, James T., Woonsocket, R. I. Cap-spindle washer. 1,452,425; Apr. 17.
Hemleb, Martin, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Motor-driven sewing machine. 1,444,917; Feb. 13.
Hemleb, Martin, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Embroidering attachment for sewing machines. 1,452,687; Apr. 24.
Hemleb, Martin, Elizabeth, N. J., assignor to The Singer Manufacturing Company. Motor-driven sewing machine. 1,464,528; Aug. 14.
Hemmerdinger, Henry, Brooklyn, N. Y. Rolled belt lacing. 1,464,426; Aug. 7.
Hemmert, Christian J., Wapakoneta, Ohio. Illuminated license number for automobiles. 1,466,017; Aug. 28.
Hempel, Albert C., Bartlett, Tex. Sparking device for internal-combustion motors. 1,476,252; Dec. 4.
Hempel, Henry, Gage, Okla. Crude-oil tank. 1,444,246; Feb. 6.
Hemphill, Alvin, Joliet, Ill. Mold for corncrib staves. 1,458,054; June 5.
Hemphill Company. (See Bosworth, George P., assignor.)
Hemphill Company. (See Fenn, Ray, assignor.)
Hemphill Company. (See Gagné, Augustin, assignor.)
Hemphill Company. (See Hineline, Edson S., assignor.)
Hemphill Company. (See Jones, Frank E., assignor.)
Hemphill Company. (See Lawson, Robert H., assignor.)
Hemphill, George E. (See Evans, E. J., and Hemphill.)
Hemphill, James R., Akron, Ohio, assignor to The Colonial Sign and Insulator Company. Glove form. 1,458,185; June 12.
Hemphill, Robert G., Barberton, Ohio. Basket. 1,448,626; Mar. 13.
Hemphill, Robert H. (See Lindsay, R. F., and Hemphill.)
Hempy, George L., Truro Township, Franklin County, Ohio. Infant's crib. 1,463,953; Aug. 7.
Hemsley, George T., Lawrence, Mass. Top screw for gill-drawing frames. 1,453,009; Apr. 24.
Hemsley, George T., Lawrence, Mass. Cam for gill boxes. 1,453,010; Apr. 24.
Hemsteger, Raymond J. (See Roberts, F. E., and Hemsteger.)
Hemstreet, George P., Hastings-upon-Hudson, N. Y. Container. 1,468,152; Sept. 18.
Hendershott, Alvin O., Keokuk, Iowa. Nut lock. 1,458,340; June 12.
Henderson, Albert, Pittsburgh, Pa. Concrete building construction. 1,445,945; Feb. 20.
Henderson, Albert, Pittsburgh, Pa. Concrete building block. 1,446,796; Feb. 27.
Henderson, Albert E., Toronto, Ontario, Canada. Device for and method of the manufacture of protected inner tubes for tires. 1,463,528; July 31.
Henderson, Albert E., Toronto, Ontario, Canada. Device for the manufacture of pneumatic tubes. 1,463,529; July 31.
Henderson, Albert E., Toronto, Ontario, Canada. Manufacturing inner tubes for vehicle tires. 1,472,756; Oct. 30.
Henderson, Albert E., Toronto, Ontario, Canada. Tourniquet. 1,473,041; Nov. 6.
Henderson, Alexander C. (See Allen, C. H., and Henderson.)
Henderson, Carl. (See Stevens, B. D., Henderson, and Saxon.)
Henderson, Carl, assignor to Miehle Printing Press & Manufacturing Company, Chicago, Ill. Separating mechanism for sheet material. 1,457,775; June 5.
Henderson, Carl, assignor to Miehle Printing Press & Manufacturing Company, Chicago, Ill. Sheet-separating mechanism. 1,457,776; June 5.
Henderson, Carl, assignor to Miehle Printing Press and Manufacturing Company, Chicago, Ill. Gearing mechanism. 1,461,484; July 10.
Henderson, Carl, assignor to Miehle Printing Press & Manufacturing Company, Chicago, Ill. Lithographic and printing form roller. 1,472,909; Nov. 6.
Henderson, Carl, Oak Park, assignor to The Miehle Printing Press and Manufacturing Company, Chicago, Ill. Water distributor for lithographing presses. 1,462,136; July 17.
Henderson, Charles J., Chicago, Ill. Combined table and ironing board. 1,451,508; Apr. 10.
Henderson, Charles L., Appleton, assignor to Kimberly-Clark Company, Neenah, Wis. Apparatus for controlling grinder stones in pulp mills. 1,445,883; Feb. 20.
Henderson, Charles R., Waterloo, Ill. Screen attachment for automobiles. 1,465,821; Aug. 21.
Henderson, Douglas, Dallas, Tex. Ice tongs. 1,462,758; July 24.
Henderson, Edward J., assignor to The P. B. Yates Machine Company, Limited, Hamilton, Ontario, Canada. Nailing machine. 1,478,118; Dec. 18.
Henderson, Edwin L., assignor to The Kemper Thomas Company, Norwood, Ohio. Fabric water pitcher. 1,447,981; Mar. 13.
Henderson, Finis W. (See Bowman, Levi M., assignor.)
Henderson, George A., Charleston, W. Va. Bituminous mastic and making and applying the same. 1,464,481; Aug. 7.
Henderson, George A., Charleston, W. Va. Bituminous concrete. 1,464,482; Aug. 7.
Henderson, George A., Charleston, and R. G. Erwin, St. Albans, W. Va. Pitch cement and making the same. 1,464,480; Aug. 7.
Henderson, Henry, Halstad, Minn. Frame for gathering machines. 1,459,731; June 26.
Henderson, Herbert. (See Prichard, G. L., and Henderson.)
Henderson, James B., Lee, England. Gyroscopic compass. 1,445,279; Feb. 13.
Henderson, James B., Lee, England. Fire-control apparatus for naval guns. 1,464,608; Aug. 14.
Henderson, James B., Washington, D. C. Figure wheeled toy. 1,449,043; Mar. 20.
Henderson, John F., Ada, Okla. Burning-in machine. 1,448,662; Mar. 13.
Henderson, Lawrence J., Cambridge, Mass. Food composition. 1,443,180; Jan. 23.
Henderson, Morris O., Story City, Iowa. Animal feeder. 1,477,121; Dec. 11.
Henderson, Nelson H., Syracuse, N. Y. Centrifugal fan and making the same. 1,469,086; Sept. 25.
Henderson, Osborne L., Newport, Ky. Roof. 1,447,175; Mar. 6.
Henderson, Robert S. (See Bellville, F., Belleville, and Henderson.)
Henderson, William, New York, N. Y. Metallic glazing. 1,441,347; Jan. 9.
Henderson, William F., Kempton, Ind. Spring hitch. 1,475,230; Nov. 27.
Henderson, William W., Mineral Wells, Tex. Automatic brake and draft appliance. 1,441,348; Jan. 9.
Hendrich, Frank C., et al. (See Thompson, William, assignor.)
Hendrick, Edward P., Newtonville, Mass. Convertible wheel for vehicles. 1,449,116; Mar. 20.
Hendrick, Edward P., Newtonville, Mass. Convertible wheel for vehicles. 1,449,117; Mar. 20.
Hendrick, Joseph V., Sweet Grass, Mont. Conveyer. 1,441,085; Jan. 2.
Hendricks, Avery E., Meadow, Tex. Churn. 1,464,873; Aug. 14.
Hendricks, Charles F. (See Dolge, A. H., and Hendricks.)
Hendricks, Dorris F., Russell, Ky. Railway-car journal bearing. 1,478,566; Dec. 25.
Hendricks, Elmer E., Klamath Falls, Oreg. Spring shackle. 1,471,845; Oct. 23.
Hendricks, Isaac L., Chattanooga, Tenn. Safety razor. 1,473,344; Nov. 6.
Hendricks, Joseph. (See Saunders, Samuel R., assignor.)
Hendricks, Omri L., Flint, Mich. Capsule-filling machine. 1,465,518; Aug. 21.
Hendrickson, Charles J., assignor to Western Electric Company, Incorporated, New York, N. Y. Centrifugal governor. 1,462,087; July 17.

Alphabetical list of patentees—Continued.

Hendrickson, Fredrick A., Revelstoke, British Columbia, Canada. Lever attachment. 1,465,846; Aug. 21.
Hendrickson, Ira E. (See Brown, P., and Hendrickson.)
Hendrickson, Niels E., assignor to The Mather Spring Co., Toledo, Ohio. Spring manufacture. 1,459,208; June 19.
Hendrickson, Peter H., Coeur D'Alene, Idaho. Spring device. 1,445,765; Feb. 20.
Hendrix, Charles E., Jefferson City, Mo. Humidifier. 1,473,676; Nov. 13.
Hendrix, John W., Baldwyn, Miss. Wire distributor. 1,461,214; July 10.
Hendrix, Roberta W., Chicago, Ill. Doll walker. 1,451,390; Apr. 10.
Hendry, Alexander and M. A., Glasgow, Scotland. Belt for machinery driving. 1,451,573; Apr. 10.
Hendry, James, assignor of one-half to A. M. Bickford & Sons, Limited, Adelaide, South Australia, Australia. Combined elevator and conveyer of the step or stairway type. 1,445,588; Feb. 13.
Hendry, Malcolm A. (See Hendry, Alexander and M. A.)
Hendryx, Andrew B., Co., The. (See Chadwick, Alfred, assignor.)
Heney, William. (See Bingham, Joseph, assignor.)
Henger, Edwin W., assignor to Chase Companies, Inc., Waterbury, Conn. Separable bathroom bracket. 1,446,969; Feb. 27.
Henigen, Harold A. (See Shrum, P. J., and Henigen.)
Henke, Clyde O. (See Brown, O. W., and Henke.)
Henke, Frank, et al. (See McAllister, Frederick J., assignor.)
Henke, John, New Haven, Conn. Smokestick. 1,471,127; Oct. 16.
Henke, William F., Norwood, and C. H. Partington, assignors to The Cincinnati Frog and Switch Company, Cincinnati, Ohio. Spring connecting rod for switch throws. 1,475,386; Nov. 27.
Henkel, Hugo, and H. Sternitzke, Chicago, Ill. Shade holder. 1,446,088; Feb. 20.
Henkel, William B., Baltimore, Md. Lock for demountable rims. 1,466,553; Aug. 28.
Henker, Otto, assignor to the Firm Carl Zeiss, Jena, Germany. Apparatus for the objective measurement of the refractive value of the principal point of the eye. 1,475,698; Nov. 27.
Henkes, Justus H., Vincennes, Ind. Watch-charm chain. 1,446,179; Feb. 20.
Henley, George, Edenburg, Pa. Vehicle shock absorber. 1,461,091; July 10.
Henley, Joseph V., St. Louis, Mo. Carburetor. 1,458,578; June 12.
Henley, Lucius R. (See Schild, John A., assignor.)
Henley, Robert R., Washington, D. C., dedicated, by mesne assignments, to the People of the United States. Clarified serum antitoxin and making the same. 1,475,580; Nov. 27.
Henne, George C., Herrin, Ill. Attachable rain shield for automobiles. 1,478,279; Dec. 18.
Henne, Isabelle. (See Preo, J. L., and Henne.)
Hennech, Arthur B., assignor to Arthur Trading Corporation, New York, N. Y. Identification device. 1,450,854; Apr. 3.
Hennefer, Edwin F., assignor to Salt Lake Stamp Company, Salt Lake City, Utah. Ear tag. 1,447,982; Mar. 13.
Hennegan, Paul M., Cincinnati, Ohio. Novelty headwear. 1,461,189; July 10.
Hennekin, Kaspar F., Seaside, Calif. Release device for towing. 1,451,658; Apr. 10.
Hennessy, James E., Los Angeles, and C. F. Blattner, Long Beach, Calif. Fruit-juice machine. 1,478,224; Dec. 18.
Hennessy, James J., New York, N. Y. Journal lubricator. 1,444,461; Feb. 6.
Hennicke, Rudolf, assignor of one-half to Kaliwerke Salzdetfurth Aktiengesellschaft, Salzdetfurth, near Hildesheim, Germany. Obtaining from anhydrite a substance which sets in the presence of water. 1,442,406; Jan. 16.
Henniger, Theodore F., Memphis, Tenn. Fruit picker. 1,462,008; July 17.
Henning, Albert, London, England. Fire-extinguishing composition. 1,440,918; Jan. 2.
Henning, Clarence I. B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Igniting mixture. 1,447,551; Mar. 6.
Henning, Clarence I. B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Priming mixture for propellant explosives. 1,473,818; Nov. 13.
Henning, Fredrick G., Brooklyn, N. Y. Safety gas hose. 1,459,100; June 19.
Henning, Joseph, Newburgh, N. Y. Tool holder. 1,456,552; May 29.
Hennings, William H., Chicago, Ill. Weeding and transplanting device. 1,472,832; Nov. 6.
Henri, Victor, Zurich, Switzerland, A. Helbronner, Paris, France, and M. von Recklinghausen, New York, N. Y. Apparatus for sterilizing liquids by means of ultraviolet rays. 1,473,095; Nov. 6.
Henricks, Henry E., assignor of one-third to A. H. Schlegel, Oak Park, Ill. Molding machine. 1,461,145; July 10.
Henriksen, Alfred R. (See Bogsrud, T., and Henriksen.)
Henriksen, Jens M., Slagelse, assignor to A/S Jens Nielsens Maskinfabrik, Vesteraaby, Denmark. Feeding device for winnowing machines. 1,447,722; Mar. 6.
Henriksen, Oscar, Argyle, Minn. Ventilator. 1,470,262; Oct. 9.
Henrikson, Frank W., Mulberry, Kans. Hook coupling. 1,449,229; Mar. 20.
Henrikson, Frank W., Mulberry, Kans. Spray nozzle. 1,454,280; May 8.
Henrikson, Frank W., Mulberry, Kans. Mine-car wheel. 1,454,640; May 8.
Henriod, Charles E., Chanelaz, Areuse, Neuchatel, Switzerland. Progressive change-speed gear. 1,450,594; Apr. 3.
Henriod, Charles E., Lausanne, Switzerland. Gradual-change gear. 1,450,595; Apr. 3.
Henriod, Charles E., Neuilly-sur-Seine, France. Progressive change-speed gear. 1,457,062; May 29.
Henriod, Fritz H. and P., Yverdon, Switzerland. Valveless two-stroke-cycle internal-combustion engine. 1,450,081; Mar. 27.
Henriod, Paul. (See Henriod, Fritz H. and P.)
Henritzi, Joseph, Spokane, Wash. Rotary rock drill. 1,467,479; Sept. 11.
Henry, C. C. (See Croom, Thomas L., assignor.)
Henry, Charles A., Chicago, Ill. Counterpoising mechanism. 1,446,254; Feb. 20.
Henry, Charles F., Belvidere, Ill. Milling machine. 1,465,303; Aug. 21.
Henry, Charles F., and J. M. Hulett, assignors to National Sewing Machine Company, Belvidere, Ill. Mechanical movement and base therefor. 1,452,273; Apr. 17.
Henry, Charles P., Fairfax, Va. Time slot meter. 1,457,838; June 5.
Henry, Earl W. (See Dickover, C. W., and Henry.)
Henry, Ellison D., Houston, Tex. Firearm. 1,450,596; Apr. 3.
Henry, Ferdinand G., Philadelphia, Pa., assignor, by mesne assignments, to Walden Knife Company, Walden, N. Y. Inspecting device. 1,447,176; Mar. 6.
Henry Furnace and Foundry Company, The. (See Novak, Joseph, assignor.)
Henry, George J. (See De Bretteville, A., and Henry.)
Henry, George W., Ridgewood Heights, N. Y. Reversing gear. 1,441,682; Jan. 9.
Henry, Georges, Geneva, Switzerland. Watch. 1,449,180; Mar. 20.
Henry, Ira W., assignor to The Electric Forge Corporation, New York, N. Y. Electric weld-forging method. 1,466,716; Sept. 4.
Henry, Ira W., assignor to The Electric Forge Corporation, New York, N. Y. Electric welding or forging apparatus. 1,478,225; Dec. 18.
Henry, Ira W., assignor to The Electric Forge Corporation, New York, N. Y. Electric-weld-forging mat. 1,478,226; Dec. 18.
Henry, James A., and T. S. Wait, Sturges, Mich. Forming machine. 1,455,489; May 15.
Henry, James C., East St. Louis, Ill. Fuel-economizing device for internal-combustion engines. 1,461,659; July 10.
Henry, John, Grand Forks, N. Dak. Door structure. 1,441,349; Jan. 9.
Henry, John P., Copperhill, Tenn. Fluid coupling. 1,443,625; Jan. 30.
Henry, Joseph B., Germantown, Ohio. Receptacle or container. 1,471,960; Oct. 23.
Henry & Leigh Slater, Limited. (See Leech, Benjamin, assignor.)
Henry, Nelson B., Atlanta, Ga., assignor to The Murray Company, Dallas, Tex. Apparatus for oil extraction. 1,445,314; Feb. 1.
Henry, Nelson B., Atlanta, Ga., assignor to The Murray Company, Dallas, Tex. Cooker. 1,451,729; Apr. 17.
Henry, Raymond, Rock Island, and W. M. Mansfield, assignors, by mesne assignments, to Moline Plow Company, Incorporated, Moline, Ill. Making forged tractor gears. 1,472,522; Oct. 30.
Henry, Reeves, Forney, Tex. Cotton-chopping machine. 1,452,046; Apr. 17.
Henry, René A., Liege, Belgium. Apparatus for washing coal and the like. 1,477,955; Dec. 18.
Henry, Rutherford M. (See Smith, George M., assignor.)
Henry, Solomon T., Downsville, La. Spear. 1,465,267; Aug. 21.
Henry, Thomas A., Philadelphia, Pa. Sink bracket. 1,446,302; Feb. 20.
Henry, William, Philadelphia, Pa. Transmission band. 1,440,735; Jan. 2.
Henry, William D., Greenville, Ill. Towing tongue. 1,463,699; July 31.
Henry, William D., Greenville, Ill. Towing tongue. 1,475,117; Nov. 20.
Henry, William K., assignor to The American Hardware Corporation, New Britain, Conn. Door closer. 1,475,581; Nov. 27.
Henschel, Charles J., Brooklyn, N. Y. Water-tight snap-switch operating mechanism. 1,449,995; Mar. 27.
Henschel, Charles J., Brooklyn, N. Y. Indicator motor. 1,452,157; Apr. 17.

Henshaw, George C., and W. H. Myers, Ranger, Tex. Automatic packer, flowhead, and pumping device. 1,459,368; June 19.

Henshaw, Seth B., Charleston, W. Va., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Method and apparatus for flattening sheet glass. 1,447,661; Mar. 6.

Henshaw, Seth B., Charleston, W. Va., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Method of and apparatus for drawing sheet glass. 1,460,582; July 3.

Henshaw, Thomas. (See Johnson, Albert, assignor.)

Henskey, Frederick W., assignor to The Sheet and Tin Plate Doubling Machine Company, McKeesport, Pa. Sheet-doubling machine. 1,448,442; Mar. 13.

Henson, Fred, St. Louis, Mo. Attachment for washing machines. 1,456,271; May 22.

Henszey, Roy O., Oconomowoc, Wis. Carburetor. 1,474,968; Nov. 20.

Henting, Charles J., Milwaukee, Wis. Luggage carrier and tire rack. 1,452,970; Apr. 24.

Henton, John M., Hot Springs, S. Dak. Beet lifter. 1,477,561; Dec. 18.

Hentschke, Paul, Los Angeles, Calif. Diesel engine. 1,464,906; Aug. 14.

Henzi, Albert A., Chicago, Ill., assignor to Goss Printing Press Company. Machine for operating upon stereotype printing plates. 1,467,790; Sept. 11.

Hcotes, John, Tomahawk, Wis. Sliding drawer and locking means therefor. 1,450,974; Apr. 10.

Hepburn, Donald M., Philadelphia, Pa. Surfacing composition for highways and the like. 1,456,492; May 22.

Hepburn, William M., assignor to The Surface Combustion Co. Incorporated, New York, N. Y. Feeding mechanism. 1,466,018; Aug. 28.

Hepler, Walter, et al. (See Reed, Warren B., assignor.)

Heppenstall, Charles W., Pittsburgh, Pa. Heating furnace for ingots, billets, and the like. 1,444,918; Feb. 13.

Heppenstall, Samuel B., Pittsburgh, Pa. Tongs. 1,455,613; May 15.

Hepperle, William J., Bloomfield, N. J. Carrier-spacing device for pneumatic-dispatch systems. 1,454,169; May 8.

Hepperle, William J., Bloomfield, N. J., assignor to The Standard Carrier Company, New York, N. Y. Carrier-distributing device for pneumatic-dispatch tubes. 1,448,536; Mar. 13.

Hepperle, William J., Bloomfield, N. J., assignor to The Standard Carrier Company, New York, N. Y. Spacing device for pneumatic-dispatch carriers. 1,449,996; Mar. 27.

Hepperlen, John A., East Orange, N. J., assignor to General Electric Company. System and apparatus for motor control. 1,472,001; Oct. 23.

Heppes, George P., et al. (See Cumfer, H. and McFarland, assignors.)

Heppler, John, Highland Park, Mich. Window lock. 1,446,459; Feb. 27.

Hepworth, S. S., Company. (See Olcott, Charles A., assignor.)

Heraucourt, Jacob M., New Orleans, La. Automobile theft alarm. 1,458,823; June 12.

Herb, Frederick, Brooklyn, assignor to R. Hoe and Co., New York, N. Y. Sheet control for folding mechanism. 1,474,364; Nov. 20.

Herbein, George W., San Francisco, Calif. Printing ink. 1,469,414; Oct. 2.

Herbers, Joseph. (See McCoy, E. R., and Herbers.)

Herbert, Edward G., Limited. (See Evans, Alexander H., assignor.)

Herbert, Fred T., sr., Wyoming, Del. Mechanical coursing device. 1,475,824; Nov. 27.

Herbert, Henry E., assignor of one-half to J. M. Herbert, Martin, Mich. Powder sprayer. 1,458,341; June 12.

Herbert, Jans M. (See Herbert, Henry E., assignor.)

Herbert Kennedy & Company Limited. (See Elverson, Arthur J. H., assignor.)

Herbert, William C., and F. X. Smith, Brooklyn, N. Y. Safety fountain brush. 1,476,610; Dec. 4.

Herbst, Charles, assignor to A. Herz, Chicago, Ill. Thermally-controlled circuit breaker. 1,475,631; Nov. 27.

Herbst, Jacob, San Francisco, Calif. Sheet-metal heating stove. 1,470,365; Oct. 9.

Herche, James, Oakland, Calif. Separator. 1,449,044; Mar. 20.

Hercules Powder Company. (See Barab, Jacob, assignor.)

Hercules Powder Company. (See Bent, Leavitt N., assignor.)

Hercules Powder Company. (See Jones, Linwood H., assignor.)

Hercules Powder Company. (See Norton, Sereno G., assignor.)

Hercules Powder Company. (See Rushton, E. T., and Berry, assignors.)

Hercules Powder Company. (See Symmes, Ernest M., assignor.)

Herder, Charles G., Louisville, Ky. Grinding or polishing roller. 1,444,314; Feb. 6.

Herdle, Frederick J., Chicago, Ill. Muffler. 1,465,904; Aug. 21.

Herdman, William J., Toronto, Ontario, Canada. Electron-discharge device. 1,467,318; Sept. 11.

Herford, Robert O., and A. Renshaw, assignors to Hans Renold Limited, Manchester, Lancaster, England. Method of and apparatus for making bushes and rollers for gear chains. 1,473,855; Nov. 13.

Hergenreder, Aloise, and L. A. Sachs, Chicago, Ill. Condiment holder. 1,440,387; Jan. 2.

Hering, Emil R., Cleveland, Ohio. Means employed in bookkeeping. 1,459,331; June 19.

Hering, Michael, White Plains, N. Y. Bed-frame construction. 1,442,779; Jan. 16.

Herington, Cecil F., assignor to Heyl & Patterson, Inc., Pittsburgh, Pa. Pulverized fuel feeding and distributing apparatus. 1,468,966; Sept. 25.

Herklotz, Max, Berlin, Germany, assignor to General Electric Company. Electromagnetically-actuated apparatus. 1,476,363; Dec. 4.

Herle, Chester A., assignor to Bessteel Products Company, Inc., Rochester, N. Y. Wheel. 1,476,968; Dec. 11.

Herlihy, George E., New York, N. Y. Advertising device. 1,464,099; Aug. 7.

Herling, Adolf W., Chicago, Ill. Vulcanizing apparatus. 1,444,789; Feb. 13.

Herman Behr & Co. (See Crupi, Frank J., assignor.)

Herman, Claude A. (See Schroth, R. C., jr., and Herman.)

Herman, Harry, Pasadena, Calif. Ironing board. 1,443,917; Jan. 30.

Herman, John, San Francisco, Calif. Lowering bridge for vault entrances. 1,442,803; Jan. 23.

Herman, John, Los Angeles, Calif. Pneumatic screen. 1,469,003; Sept. 25.

Herman, Joseph L., Peoria, Ill. Metal-coated iron or steel article. 1,468,905; Sept. 25.

Herman, Joseph L., Peoria, Ill. Coating and treating materials. 1,477,703; Dec. 18.

Herman, Max, New York, N. Y. Making hydrated lime. 1,462,284; July 17.

Herman Nelson Corporation, The. (See Otis, Gerald E., assignor.)

Herman Pneumatic Machine Company. (See Ringle, Robert F., assignor.)

Herman, Ralph. (See Rosenberg, P. R., and Herman.)

Herman Tire Building Machine Company, The. (See Hermann, Walter H., assignor.)

Hermance, Charles C., and M. Rein, Mutual, Okla. Seed-covering attachment for listers. 1,466,585; Aug. 28.

Hermani, Henry, assignor to The Tin Decorating Company of Baltimore, Baltimore, Md. Shearing machine. 1,446,460; Feb. 27.

Hermani, Henry, assignor to The Tin Decorating Company of Baltimore, Baltimore, Md. Loose cover and cutter for hermetically-sealed tins. 1,460,845; July 3.

Hermann, Charles, Brooklyn, N. Y. Automobile signal device. 1,451,909; Apr. 17.

Hermann, Louie J., Sigourney, Iowa. Radiator protector. 1,449,322; Mar. 20.

Hermann, Louis, Chicago, Ill. Massage vibrator. 1,454,511; May 8.

Hermann, Max, New York, N. Y. Rotary lime-burning kiln. 1,459,302; June 19.

Hermann, Rudolf, Dresden, Germany. Manufacture of plates for sorters. 1,447,617; Mar. 6.

Hermann, Walter H., Columbus, Ohio. Tire-building machine. 1,468,809; Sept. 25.

Hermann, Walter H., Lancaster, assignor to The Herman Tire Building Machine Company, Columbus, Ohio. Beading and trimming device for tire-building machine. 1,469,012; Sept. 25.

Hermann, Walter H., Lancaster, assignor to The Herman Tire Building Machine Company, Columbus, Ohio. Tire-building machine (horizontal adjustment). 1,469,272; Oct. 2.

Hermanowich, Stephen, Ellwood City, Pa. Meat-block cleaner. 1,461,615; July 10.

Hermanson, August L., Nome, Alaska. Floating fish trap. 1,453,135; Apr. 24.

Hermoye, Oscar, and C. Glorian, Ixelles-Brussels, Belgium, Tamping press for hollow concrete and other blocks and for the like or other purposes. 1,447,469; Mar. 6.

Hern, Jay J. (See Arey, S. E., and Hern.)

Hernandez, Antonio S., Gubat, Sorsogon, P. I. Hemp-shredding device. 1,445,436; Feb. 13.

Hernon, Lon, Honolulu, Hawaii. Automatic scissors. 1,465,130; Aug. 14.

Hernu, Henri, Meudon, France. Gas generator. 1,466,831; Sept. 4.

Hero Furnace Company. (See Patten, John V., assignor.)

Herold, Arthur G., St. Louis, Mo. Combined coffee sack and holder. 1,466,165; Aug. 28.

Herold, Walter F., Newark, N. J., assignor to The Bassick Company, Bridgeport, Conn. Caster. 1,463,266; July 31.

Herold, Walter F., Newark, N. J., assignor to The Bassick Company, Bridgeport, Conn. Caster bracket. 1,468,293; Sept. 18.

Herold, Walter F., Newark, N. J., assignor to The Bassick Company, Bridgeport, Conn. Caster. 1,471,660; Oct. 23.

Herold, Walter F., Newark, N. J., assignor to The Bassick Company, Bridgeport, Conn. Removing caster sockets from furniture. 1,472,833; Nov. 6.

Herold, Walter F., Newark, N. J., assignor to The Bassick Company, Bridgeport, Conn. Press mechanism. 1,474,473; Nov. 20.
Heron, Minta I., et al. (See Boyer, George A., assignor.)
Heron, Norman C., et al. (See Boyer, George A., assignor.)
Herot, Frank, Chicago, Ill. Coin-controlled mechanism for vending machines. 1,449,858; Mar. 27.
Heroy, Walter W. (See Hedges, E. G., and Heroy.)
Herr, Henry A., Chicago, Ill. Producing a matrix. 1,451,162; Apr. 10.
Herr, Henry A., assignor to Acme Electrotype Company, Chicago, Ill. Rendering a printing plate flexible. 1,442,338; Jan. 16.
Herr, Henry A., assignor to Acme Electrotype Company, Chicago, Ill. Workholder for cutting or dressing machines. 1,471,333; Oct. 23.
Herr, Herbert T., Merion, Pa., assignor to Westinghouse Electric and Manufacturing Company. Turbine. 1,447,081; Feb. 27.
Herr, Herbert T. Merion, Pa., assignor to Westinghouse Electric and Manufacturing Company. Turbine-blade fastening. 1,452,602; Apr. 24.
Herr, Herbert T., Merion, Pa., assignor to Westinghouse Electric and Manufacturing Company. Diesel engine. 1,455,787; May 22.
Herr, Herbert T., Merion, Pa., assignor to Westinghouse Electric and Manufacturing Company. Turbine. 1,468,633; Sept. 25.
Herr, Herbert T., Merion, Pa., assignor to Westinghouse Electric and Manufacturing Company. Elastic-fluid turbine. 1,469,908; Oct. 9.
Herr, Herbert T., Philadelphia, Pa., assignor to Westinghouse Electric and Manufacturing Company. Turbine blading. 1,469,909; Oct. 9.
Herr, Park A., Hillside, N. J., assignor to The Singer Manufacturing Company. Means for forming and attaching welts. 1,440,541; Jan. 2.
Herreshoff, Alexander G., Bristol, R. I. Selective-type change-speed transmission. 1,474,033; Nov. 13.
Herreshoff, Alexander G., assignor to International Motor Company, New York, N. Y. Body for motor vehicle. 1,464,989; Aug. 14.
Herrick, Bert L., Oakland, Calif. Bag or net fastener. 1,461,120; July 10.
Herrick, Henry E., Minneapolis, Minn. House-numbering device. 1,446,180; Feb. 20.
Herrin, George L., Mount Pleasant, N. C. Heater for carburetors. 1,445,511; Feb. 13.
Herring, Eli. (See Leffingwell, Albert L., assignor.)
Herring-Hall-Marvin Safe Company. (See Millice, Paul S., assignor.)
Herrman, Charles, New York, N. Y. Cross-test level and rule. 1,441,350; Jan. 9.
Herrman, Charles, assignor to Underwood Typewriter Company, New York, N. Y. System of typewriter notation. 1,476,818; Dec. 11.
Herrmann, Charles F. (See Ladd, Earnest W., assignor.)
Herrmann, Karl L., Detroit, Mich., assignor to Studebaker Corporation. Hobbing machine. 1,444,247; Feb. 6.
Herrmann, Raymond R., assignor to Western Electric Company, Incorporated, New York, N. Y. Self-induction coil. 1,459,397; June 19.
Herrmann, Richard, assignor to Schuchardt & Schutte, Berlin, Germany. Scleroscope. 1,444,606; Feb. 6.
Herrmann, Richard, assignor to Schuckart & Schutte, Berlin, Germany. Scleroscope. 1,444,607; Feb. 6.
Herrmann, Wilhelm, New York, N. Y. Machine for automatically shading plants and uncovering same. 1,478,516; Dec. 25.
Herrmann, Willy. (See Mugdan, M., and Herrmann.)
Herrold, Charles D. (See Margeson, E. A., and Herrold.)
Herron, Frank, Las Cruces, N. Mex. Automatic time-controlled draft apparatus. 1,476,753; Dec. 11.
Herron, James C., assignor to Reflector & Illuminating Co., Chicago, Ill. Color-screen protection and support. 1,478,473; Dec. 25.
Herron, Wingo, and J. H. Jester, Augusta, Ga. Split hub head for cylinders for spinning frames, spoolers, and cylinders of like nature. 1,451,982; Apr. 17.
Herschede, Walter J., and W. Eberhardt, Cincinnati, Ohio. Chime-rod holder for clocks. 1,455,024; May 15.
Herschede, Walter J., and W. Eberhardt, Cincinnati, Ohio. Centering chuck. 1,457,247; May 29.
Herschmann, Frederick, New York, N. Y. Vehicle. 1,447,953; Mar. 6.
Hersh, Edward H., Altoona, Pa. Coal-tipple attachment. 1,461,844; July 17.
Hersh, John, Fairhope, Pa. Rail connection. 1,441,804; Jan. 9.
Hershcowitz, David, and J. Bass, Newark, N. J. Finger ring or similar article of jewelry. Des. 61,975; Feb. 20.
Hershey, George S. (See Boyd, C. T., and Hershey.)
Hershey Manufacturing Company. (See Hershey, Orville S., assignor.)
Hershey, Orville S., Stoughton, Wis., assignor to Hershey Manufacturing Company, Denver, Colo. Automobile lock. 1,442,765; Jan. 16.
Hershey, Peter H., Dauphin, Pa. Wall form. 1,444,377; Feb. 6.
Herskovitz, Max, Chicago, Ill. Switch container for electric-lighting fixtures. 1,441,281; Jan. 9.
Herskovitz, Max, Chicago, Ill. Flexible chain for electric-lighting fixtures and portable lamps. 1,478,009; Dec. 18.
Herskovitz, Max, assignor to Peerless Light Company, Chicago, Ill. Electric-light cluster socket. 1,478,119; Dec. 18.
Herty, Daniel J., Revere, Mass. Flush tank. 1,475,582; Nov. 27.
Herty, Harold B., New Orleans, La. Protective device for radio receiving systems. 1,475,632; Nov. 27.
Hertz, Felix. (See Heyman, Moses D., assignor.)
Hertzberg, Harry, Brooklyn, N. Y., assignor to Magnus Electric Company, Inc. Switch-controlled electric appliance. 1,453,587; May 1.
Hervig, Richard, Chicago, Ill., assignor to American Car and Foundry Company, New York, N. Y. Cam chuck for centering valves. 1,452,506; Apr. 24.
Hervig, Richard, Chicago, Ill., assignor to American Car and Foundry Company, New York, N. Y. Rivet sets. 1,452,507; Apr. 24.
Hervig, Richard, Chicago, Ill., assignor to American Car and Foundry Company, New York, N. Y. Machine for grinding valves. 1,452,508; Apr. 24.
Hervig, Richard, Chicago, Ill., assignor to American Car and Foundry Company, New York, N. Y. Grinding machine. 1,452,509; Apr. 24.
Herz, Alexander. (See Herz, R., and Conti, assignors.)
Herz, Alfred. (See Herbst, Charles, assignor.)
Herz, Alfred, Chicago, Ill. Thermally-controlled circuit breaker. 1,475,630; Nov. 27.
Herz, Alfred, Chicago, Ill., assignor to Electric Auxiliaries Company, Dover, Del. Dimming mechanism. 1,452,115; Apr. 17.
Herz, Edmund, Vienna, Austria. Explosive and making same. 1,443,328; Jan. 23.
Herz, Ferdinand M., New York, N. Y. Belt. Des. 62,819; Aug. 7.
Herz, Gustave L., assignor, by mesne assignments, to E. Bernays, New York, N. Y. Spark timers. 1,461,526; July 10.
Herz, Richard, Frankfort-on-the-Main, and H. Balhorn, Hochst-on-the-Main, Germany, assignors to Leopold Cassella & Co., Gesellschaft mit beschränkter Haftung. Dyestuffs containing sulphur and dyeing vegetable fibers without a mordant and making same. 1,452,805; Apr. 24.
Herz, Rudolph, New Rochelle, N. Y., and E. Conti, West New York, N. J., assignors to A. Herz. Packaging machine. 1,465,921; Aug. 21.
Herzberg, Walter F., Chicago, Ill. Photographic development gauge. 1,469,415; Oct. 2.
Herzig, Irwin M., assignor to Electric Sealing Machine Corporation, New York, N. Y. Sealing device. 1,441,226; Jan. 9.
Herzog, Michael J., New York, N. Y. Pneumatic tire. 1,464,709; Aug. 14.
Hescock, Ethan N. (See Newhall, H. B., and Hescock.)
Hescock, Ethan N., Westfield, N. J., assignor to New Jersey Foundry and Machine Company. Portable elevator. 1,451,773; Apr. 17.
Heseltine, Joseph R. E., Birmingham, assignor to R. A. Taunton, Hawkinge, Kent, England. Curtain suspender. 1,477,956; Dec. 18.
Heskett, Chris, Indianapolis, Ind. Nonpreheating oil burner. 1,451,950; Apr. 17.
Heslar, James H., Muskogee, Okla. Automatic cut-off valve. 1,464,874; Aug. 14.
Heslewood, William R., et al., trustees. (See Heslewood, W. R., and Mocine, assignors.)
Heslewood, William R., and H. F. Mocine, Oakland, Calif., assignors to H. F. Mocine, W. R. Heslewood, G. J. Carr, and E. B. Kimball, trustees of the M. and H. Piston Ring Company. Piston ring. 1,470,263; Oct. 9.
Heslip, John C. (See Pratt, C. R., and Heslip.)
Hespe, Alfred T., East Orange, N. J. Grademeter. 1,476,076; Dec. 4.
Hess, Aaron, New York, N. Y. Pipe drain. 1,456,437; May 22.
Hess, Abraham L., Hesston, Kans. Separable fastener. 1,462,964; July 24.
Hess, Arthur, and S. L. Marsh, Los Angeles, Calif. Floor drain. 1,469,303; Oct. 2.
Hess, Benjamin F., assignor of one-half to F. Hess, Freeport, Ill. Spark and gas control for internal-combustion engines. 1,444,744; Feb. 6.
Hess, Bernhard, Forest Park, Ill. Protector for engine hoods. 1,456,236; May 22.
Hess-Bright Manufacturing Company, The. (See Brunner, Harold E., assignor.)
Hess-Bright Manufacturing Company. (See Brunner, H. E., and Jetter, assignors.)
Hess-Bright Manufacturing Company, The. (See Hughes, William, assignor.)
Hess-Bright Manufacturing Company, The. (See Runge, Robert F., assignor.)
Hess, Charles W., Evanston, Ill. Food product and preparing the same. 1,463,954; Aug. 7.
Hess, Edward B., New York, N. Y., assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriter machine. 1,455,201; May 15.
Hess, Edward B., Manhattan Beach, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 1,460,846; July 3.

Hess, Edward B., Manhattan Beach, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 1,460,847; July 3.
Hess, Edward B., Manhattan Beach, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 1,460,848; July 3.
Hess, Edward B., Manhattan Beach, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 1,460,849; July 3.
Hess, Edward B., Manhattan Beach, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 1,462,912; July 24.
Hess, Edward B., Manhattan Beach, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 1,462,913; July 24.
Hess, Edward B., Manhattan Beach, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 1,469,934; Oct. 9.
Hess, Edward B., Manhattan Beach, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 1,476,511; Dec. 4.
Hess, Edward B., Manhattan Beach, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 1,477,175; Dec. 11.
Hess, Edward B., Brooklyn, and L. C. Myers, Freeport, assignors to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 1,453,839; May 1.
Hess, Edward B., Brooklyn, and L. C. Myers, Freeport, assignors to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 1,457,167; May 29.
Hess, Edwin W., Waterloo, Iowa. Fastener for screens and storm windows. 1,441,086; Jan. 2.
Hess, Francis M., Chicago, Ill. Method of and apparatus for effecting continuous distillation. 1,443,742; Jan. 30.
Hess, Francis M., Whiting, Ind. Vapor box or still for distillation systems. 1,443,743; Jan. 30.
Hess, Frank. (See Hess, Benjamin F., assignor.)
Hess, George H., La Grange Park, Ill. Cabinet. 1,473,345; Nov. 6.
Hess, Harry, et al. (See Roman, Newman A., assignor.)
Hess, Henry K., Syracuse, N. Y. Tone regulator for phonographs. 1,454,441; May 8.
Hess and Hopkins Leather Company, The. (See Erikson, Axel, assignor.)
Hess, John, and N. W. Hyatt, Port Jervis, N. Y. Ice creeper for automobiles. 1,448,347; Mar. 13.
Hess, John A., Philadelphia, Pa. File-cutting machine. 1,465,434; Aug. 21.
Hess, John R. (See Miller, S. P., and Hess.)
Hess, Meyer S., Baltimore, Md. Shoe. 1,458,824; June 12.
Hess, Philip J., Kokomo, Ind., assignor to Pittsburgh Plate Glass Co. Polishing rouge. 1,446,181; Feb. 20.
Hesselman, Knut J. E., Saltsjo-Storangen, Sweden. Liquid filter. 1,456,438; May 22.
Hesselman, Knut J. E., Saltsjo-Storangen, Sweden. Fuel-injecting device for internal-combustion engines. 1,457,701; June 5.
Hesselman, Knut J. E., Saltsjo-Storangen, Sweden. Fuel pump for internal-combustion engines. 1,465,474; Aug. 21.
Hesselman, Knut J. E., Saltsjo-Storangen, Sweden. Fuel-supply valve. 1,465,822; Aug. 21.
Hession, Edward J. (See Maloney, Edward J., assignor.)
Hessmer, Frederick W., assignor to American Mesucal Supply Company, Jersey City, N. J. Thread-cutting machine. 1,456,439; May 22.
Hesson, William W., Toronto, Ontario, Canada. Composition for tobacco pipes. 1,455,396; May 15.
Hesson, William W., Toronto, Ontario, Canada. Tobacco pipe. 1,464,359; Aug. 7.
Hestand, Samuel E., Comanche, Tex. Spoke tightener. 1,474,716; Nov. 20.
Heston, George C., assignor to Roderick Lean Manufacturing Company, Mansfield, Ohio. Harrow. 1,476,512; Dec. 4.
Hetherington, John. (See Snazelle, O. H., Hetherington, and McIldowie.)
Hetherington, John, and Sons Limited. (See Horridge, James, assignor.)
Hetrick, Russell D., Indiana, Pa. Thermostatic switch for flatirons. 1,474,588; Nov. 20.
Hettrich, John, Lincoln, Nebr. Mechanical movement. 1,473,907; Nov. 13.
Hetu, Louis, Woonsocket, R. I. Protective liquid holder. 1,475,825; Nov. 27.
Hetzer, Anton. (See Hetzer, Paul C. and A.)
Hetzer, Paul C. and A., Chicago, Ill. Vacuum cup. 1,448,690; Mar. 13.
Heuckendorff, Arnold, Oakland, Calif. Pea-hulling machine. 1,455,202; May 15.
Heue, Joseph H., Carroll, Iowa. Door and window buck. 1,452,116; Apr. 17.
Heuer, Fred T., and G. D. Latta, Princeton, Ill.; said Latta assignor to said Heuer. Tractor attachment. 1,455,614; May 15.
Heuisler, Philip I., assignor to Maryland Glass Corporation, Baltimore, Md. Ash tray. Des. 62,352; May 15.
Heulings, Samuel M., Haddonfield, N. J. Case-emptying machine. 1,454,051; May 8.
Heurtley, Ernest S., London, England. Method or means for amplifying or otherwise indicating small mechanical effects. 1,458,098; June 5.
Heuser, Herman, Evanston, Ill. Preparation of low-alcoholic and nonalcoholic beverages. 1,441,726; Jan. 9.
Heuser, Hermann, Evanston, Ill. Manufacture of low-alcoholic beverages. 1,455,397; May 15.
Heusinkveld, Derk, Hull, Iowa. Suspension rafter and support. 1,441,927; Jan. 9.
Heuze, Charles, Ouvelais, Belgium. Apparatus for grinding, smoothing, and polishing glass, plate glass, and other material substances. 1,474,672; Nov. 20.
Hewel, Frank B., Akron, Ohio. Truck hoist. 1,469,642; Oct. 2.
Hewitt, Ada M., Detroit, Mich. Toy insect. Des. 61,976; Feb. 20.
Hewitt, Cooper, Electric Company. (See Keyes, Frederick G., assignor.)
Hewitt, Edward R., Midvale, N. J. Internal-combustion engine. 1,469,087; Sept. 25.
Hewitt, Edwin P., deceased, Spokane, Wash.; N. Hewitt, administratrix. Valve structure. 1,476,253; Dec. 4.
Hewitt, John N., and J. E. Adams, Oklahoma, Okla. Gas saver. 1,468,070; Sept. 18.
Hewitt, Nellie, administratrix. (See Hewitt, Edwin P.)
Hewitt, Peter C., deceased. (See Pierce, George W., assignor.)
Hewitt, Spurgeon, Bridgeport, Conn. Screen-door brace. 1,464,427; Aug. 7.
Hewlett, James M., Lawrence, assignor to The Stockade Building System, Inc., New York, N. Y. Wall structure. 1,450,724; Apr. 3.
Hexagon Specialty Manufacturing Company. (See Kirsch, Raymond R., assignor.)
Hey, Edmund A., La Grange, J. G. Le Pere and L. K. Webber, assignors to The Williams Sealing Corporation, Decatur, Ill. Semiautomatic bottle-capping machine. 1,458,123; June 5.
Hey, George, St. Margarets-on-Thames, and J. A. Wilding, London, England, assignor to Harper Bean Limited, London, England. Multiple-spindle drill head. 1,470,735; Oct. 16.
Hey, Joseph A., Decatur, Ill. Match box. 1,461,146; July 10.
Heyd, Werner, Freilassing, Germany. Plaster lathing. 1,465,080; Aug. 14.
Heydt, Johannes. (See Ruperti, Henri, assignor.)
Heyer, Herman, Ossining, N. Y. Burglarproof window locks. 1,466,586; Aug. 28.
Heyer, Joseph W., Kingman, Ariz. Emergency attachment for broken hubs. 1,440,736; Jan. 2.
Heygel, Paul R., Morsemere, N. J., assignor to Peerless Roll Leaf Co., Inc. Transfer metallic deposit. 1,444,345; Feb. 6.
Heyl, Albert D., New York, N. Y. Platform elevator. 1,473,231; Nov. 6.
Heyl & Patterson, Inc. (See Bickley, Ross M., assignor.)
Heyl & Patterson, Inc. (See Herington, Cecil F., assignor.)
Heyl & Patterson, Inc. (See Vogel, Joseph P., assignor.)
Heyl & Patterson, Incorporated. (See Mason, Elliott J., assignor.)
Heylandt, Paul, Sudende, near Berlin, Germany. Device for supplying oxygen. 1,464,319; Aug. 7.
Heylman, Edward M., assignor to Oliver Chilled Plow Works, South Bend, Ind. Multiple-gang harrow. 1,443,364; Jan. 30.
Heylman, Edward M., assignor to Oliver Chilled Plow Works, South Bend, Ind. Agricultural implement. 1,453,565; May 1.
Heylman, Frederick C., and A. H. J. T. Willink, Martinez, Calif. Oil burner. 1,441,982; Jan. 9.
Heyman, August, New York, N. Y. Window-operating device. 1,463,700; July 31.
Heyman, Knut W., Stockholm, Sweden. Knife sharpener. 1,458,938; June 19.
Heyman, Laurence J. (See Neal, Robert A., assignor.)
Heyman, Moses D., Ozone Park, assignor to F. Hertz, New York, N. Y. Process and tool for making leather buttons. 1,459,888; June 26.
Heymann, Hans. (See Lawaczeck, F., and Heymann.)
Heyn, Herman B. (See Curme, G. O., jr., and Heyn.)
Heys, John J., Lynn, Mass., assignor, by mesne assignments to United Shoe Machinery Corporation, Paterson, N. J. Method of and machine for measuring bodies. 1,451,730; Apr. 17.
Heys, William E. (See Macpherson, R., and Heys.)
Heyser, John A., Los Angeles, Calif. Brake. 1,452,736; Apr. 24.
Heywood-Wakefield Company. (See Lang, Edward C., assignor.)
Heywood-Wakefield Company. (See Lloyd, Marshall B., assignor.)
Hiatt, Elmer, Newcastle, Ind. Headlight shelter. 1,450,082; Mar. 27.
Hiatt, Roscoe H., Greens Fork, Ind. Accelerator. 1,444,185; Feb. 6.
Hiatt, Roscoe H., Greens Fork, Ind. Wheel rim. 1,467,638; Sept. 11.
Hibbard, Henry D., Plainfield, N. J., assignor to Hibbard Process Corporation, New York, N. Y. Puddling furnace. 1,459,533; June 19.

Hibbard, Henry D., Plainfield, N. J., assignor to Hibbard Process Corporation, New York, N. Y. Puddling. 1,477,348; Dec. 11.

Hibbard, Lloyd J. (See Fortescue, C. L., and Hibbard.)

Hibbard Process Corporation. (See Day, Thomas E., assignor.)

Hibbard Process Corporation. (See Hibbard, Henry D., assignor.)

Hibbard, Robert L., and F. W. Wappat, Pittsburgh, Pa. Gear cutting. 1,477,562; Dec. 18.

Hibbins, Thomas A., assignor to The Stevenson Company, Wellsville, Ohio. Crusher roll. 1,461,036; July 10.

Hibner, Amos F. (See Kinton, R. L., and Hibner.)

Hice, Robert L., Montgomery, Ala., assignor to Forest Products Company. Making automobile chock blocks. 1,459,055; June 19.

Hick, Harry J., assignor to The Hykon Manufacturing Company, Alliance, Ohio. Battery clamp. 1,469,595; Oct. 2.

Hick, Harry J., assignor to The Hykon Manufacturing Company, Alliance, Ohio. Shim plate for demountable rims. 1,476,011; Dec. 4.

Hicke, Evelyn. (See Bethke, E., and Hicke.)

Hickey, John, Flushing, N. Y., and D. H. Schwartz, Holyoke, assignors to Holyoke Vacuum Sluice Company, Springfield, Mass. Sluice for paper-board machines. 1,465,217; Aug. 14.

Hickey, Michael H., Chicago, Ill. Handrail guard. 1,444,608; Feb. 6.

Hickman, Alexander B. (See Yale, Warren W., assignor.)

Hickman, John I., Milwaukee, Wis. Rail splice. 1,442,472; Jan. 16.

Hickman, Willett J., Shreveport, La. Portable hoist. 1,446,562; Feb. 27.

Hickok Manufacturing Company. (See Davis, Earl M., assignor.)

Hickok Manufacturing Company. (See Heberling, John, assignor.)

Hickok Manufacturing Company. (See Mix, Edwin S., assignor.)

Hickok Manufacturing Company. (See Shields, Lowell W., assignor.)

Hickok, W. O., Manufacturing Company. (See Broadmeyer, Albert, assignor.)

Hickok, W. O., Manufacturing Company, The, et al. (See Thompson, R. J., and Dalton, assignors.)

Hicks, Albert J., St. Louis, Mo. Cushion pneumatic tire. 1,456,775; May 29.

Hicks, Charles, et al. (See Folgert, Joseph W., assignor.)

Hicks, Du Val Q., Fredericksburg, Va. Convertible fan. 1,453,873; May 1.

Hicks, Harry H., Helix, Oreg. Valve-seat reamer. 1,442,804; Jan. 23.

Hicks, John N., Tulsa, Okla., C. A. Elliott and P. Dunbar, Breckenridge, Tex.; said Dunbar assignor to said Hicks. Oil well. 1,456,693; May 29.

Hicks, John W., Madison, Wis., and W. W. Hicks, Washington, D. C. Film drier. 1,460,378; July 3.

Hicks, Le Roy, Lyon Mountain, N. Y. Pin-pulling device for drill sharpeners. 1,478,434; Dec. 25.

Hicks, Linzy, Omaha, Nebr. Hairdressing device. 1,454,641; May 8.

Hicks-Obenour Company. (See Hicks, Trustin C., assignor.)

Hicks, Richard W., Akron, Ohio. Attachment for fruit crates. 1,460,797; July 3.

Hicks, Roy J. E., Bay City, Tex. Combination fender and lamp brace. 1,472,523; Oct. 30.

Hicks, Trustin C., Pittsburgh, Pa. Hand dishwashing machine. 1,449,000; Mar. 20.

Hicks, Trustin C., assignor to Hicks-Obenour Company, Pittsburgh, Pa. Dishwashing machine. 1,475,489; Nov. 27.

Hicks, Walter W. (See Hicks, John W. and W. W.)

Hicks, William A., Cincinnati, Ohio. Clock. 1,446,182; Feb. 20.

Hicks, William D., Inglewood, Calif. Machine and method for manufacturing lath board. 1,464,360; Aug. 7.

Hicks, William W., San Francisco, and A. J. Kercher, Berkeley, Calif. Electric-water heater. 1,476,335; Dec. 4.

Hidalgo, Oscar, New York, N. Y. Duplicator. 1,444,609; Feb. 6.

Hieb, Jacob, Seattle, Wash. Electric bake oven. 1,455,290; May 15.

Hielscher, William E., Detroit, Mich. Pothanger. 1,443,022; Jan. 23.

Hifner, Annie M., assignor to N. T. Hifner, Lexington, Ky. Apron. 1,459,101; June 19.

Hifner, Nancy T. (See Hifner, Annie M., assignor.)

Higbee, George A. (See Stark, D. P., and Higbee.)

Higby, Jesse E., Whiting, Kans. Timer. 1,456,485; May 22.

Higdon, Robert W., Atlanta, Ga. Pipe joint. 1,451,731; Apr. 17.

Higerd, Floyd A., Bellevue, Pa., and G. Becker, Silver Creek, N. Y., assignors to H. J. Heinz Company, Pittsburgh, Pa. Means for shipping fruit, etc. 1,451,070; Apr. 10.

Higgin, Henry, assignor to The Higgin Manufacturing Company, Newport, Ky. Windshield attachment for automobiles. 1,462,545; July 24.

Higgin Manufacturing Company, The. (See Higgin, Henry, assignor.)

Higginbottom, Mack H., et al. (See Gill, Charles H., assignor.)

Higgins, Clifford B., Detroit, Mich. Tube-forming machine. 1,468,635; Sept. 25.

Higgins, Frank A., Bellevue, Ohio. Velocipede. 1,465,435; Aug. 21.

Higgins, James F., assignor to The Rogers-Higgins Co., Inc., New Orleans, La. Burner. 1,450,631; Apr. 3.

Higgins, John J. (See Madden, H. D., and Higgins.)

Higgins, John M., Boothbay Harbor, Me. Shackle. 1,458,622; June 12.

Higgins, John M., Sacramento, Calif. Hair-waving machine. 1,460,653; July 3.

Higgins, Joseph F., Brooklyn, N. Y. Heel-attaching device. 1,457,435; June 5.

Higgins, Thomas, Glenshaw, Pa. Structural shape. 1,457,303; June 5.

Higgins, Thomas, Davenport, Iowa. Checkrow-corn-planter attachment. 1,458,055; June 5.

Higginson, Edward G., Providence, R. I. Corner stay for boxes. 1,462,009; July 17.

Higginson, Joseph, and H. Arundel, Stockport, England. Differential or balance gearing. 1,447,552; Mar. 6.

Higginson, Kingsley, Kingston-on-Thames, England. Cinematographic projection apparatus. 1,456,776; May 29.

Higginson, Kingsley, Kingston-on-Thames, assignor to Carey-Gavey Syndicate Limited, London, England. Cinematograph apparatus. 1,445,315; Feb. 13.

Higginson, Kingsley, assignor to Carey-Gavey Syndicate Limited, London, England. Cinematographic apparatus. 1,475,013; Nov. 20.

Higgs, Isaac, Newport News, Va. Propeller. 1,467,725; Sept. 11.

High Speed Hammer Company. (See Leckinger, Philip H., assignor.)

Higham, Harry, Fenwood, Saskatchewan, Canada. Motor scraper. 1,478,517; Dec. 25.

Higham, John, Los Angeles, Calif. Combined stove and grill. 1,454,385; May 8.

Higham, John, Los Angeles, Calif. Folding table. 1,454,386; May 8.

Higham, John, Los Angeles, Calif. Folding oven. 1,458,409; June 12.

Highburg, William. (See Derby, I. H., and Highburg.)

Highland Body Manufacturing Company, The. (See Morrison, James, assignor.)

Hight, George F., Hukerenui, North Auckland, New Zealand. Door stop. 1,448,298; Mar. 13.

Highway Trailer Company. (See Clement, Charles G., assignor.)

Higinbotham, Arthur O., Worcester, Mass., assignor, by mesne assignments, to The G. F. H. Corporation, Denver, Colo. Fluid-pressure-controlled mechanism. 1,449,819; Mar. 27.

Higuchi, Monnosuke, College Point, N. Y. Amusement apparatus. 1,454,968; May 15.

Hikoshima Rutsubo Kabushiki Kaisha. (See Nakamura, Kazo, assignor.)

Hilaire, Rodolphe S., Montreal, Quebec, Canada. Gas cock. 1,470,979; Oct. 16.

Hilaman, Albert T., Newark, Del. Stock regulator for paper machines. 1,442,272; Jan. 16.

Hilbish, Elmer D., Tuscaloosa, Ala. Fluid transmission. 1,445,512; Feb. 13.

Hildebrand, Harry D., deceased, Mount Vernon, Ohio; Z. S. Hildebrand, administrator. Valve. 1,443,365; Jan. 30.

Hildebrand, Henry F., San Antonio, Tex. Tuyère. 1,473,934; Nov. 13.

Hildebrand, Henry Y., Johnstown, Pa., assignor, by mesne assignments, to Bethlehem Steel Products Company. Disk-rolling machine. 1,459,767; June 26.

Hildebrand, John T., Ritz, Ark. Stovepipe. 1,460,021; June 26.

Hildebrand, Lee E., and D. P. Thomson, Lynn, Mass., assignors to General Electric Company. Instrument for transmitting angular movement. 1,477,827; Dec. 18.

Hildebrand, Reinhard, Webster Groves, Mo., assignor of one-half to G. D. Pogue, Philadelphia, Pa. Crosshead design for reciprocating engines. 1,455,334; May 15.

Hildebrand, Reinhard, Webster Groves, assignor to Fulton Iron Works Company, St. Louis, Mo. Pump. 1,455,788; May 22.

Hildebrand, Reinhard, Webster Groves, assignor to Fulton Iron Works Company, St. Louis, Mo. Valve-controlling device for internal-combustion engines; 1,471,463; Oct. 23.

Hildebrand, Walter S., Mount Union, Pa. Means for filling molds. 1,452,381; Apr. 17.

Hildebrand, Wilhelm, Berlin, assignor to Knorr-Bremse Aktiengesellschaft, Lichtenberg, Berlin, Germany. Controlling mechanism for compound brakes. 1,449,001; Mar. 20.

Hildebrand, Wilhelm, Berlin, assignor to Knorr-Bremse Aktiengesellschaft, Lichtenberg, Berlin, Germany. Brake accelerator. 1,449,002; Mar. 20.

Hildebrand, Wilhelm, assignor to Knorr-Bremse Aktiengesellschaft, Lichtenberg, Berlin, Germany. Control valve for air brakes. 1,461,845; July 17.

Hildebrand, Wilhelm, assignor to Knorr-Bremse Aktiengesellschaft, Lichtenberg, Berlin, Germany. Brake accelerator. 1,461,846; July 17.

Hildebrand, Wilhelm, Berlin-Lichtenberg, Germany, assignor to Handel Maatschappij H. Albert De Bary & Co., Amsterdam, Netherlands. Feed head for steam boilers. 1,467,428; Sept. 11.

Hildebrand, Wilhelm, Berlin, Germany, assignor to Handel-Maatschappij H. Albert De Bary & Co. Amsterdam, Netherlands. Valve for single-chamber air-pressure brakes. 1,475,432; Nov. 27.

Hildebrand, Wilhelm, Berlin-Lichtenberg, Germany, assignor to Handel Maatschappij H. Albert de Bary & Co., Amsterdam, Netherlands. Boiler-feed-water heater. 1,478,855; Dec. 25.

Hildebrand, Zaidee S., administratrix. (See Hildebrand, Harry D.)

Hildebrandt, Ernest R., St. Paul, Minn. Adjustable core box. 1,468,202; Sept. 18.

Hildebrandt, Paul, Hamburg, Germany, assignor, by mesne assignments, to The Chemical Foundation, Inc. Treating albuminous animal waste. 1,442,339; Jan. 16.

Hildebrandt, Paul, Hamburg, Germany, assignor, by mesne assignments, to The Chemical Foundation, Inc. Production of meat-extractlike preparations. 1,442,340; Jan. 16.

Hildebrandt, Paul, Hamburg, Germany, assignor, by mesne assignments, to The Chemical Foundation, Inc. Preparation of human food from horns, hairs, skins, etc. 1,442,341; Jan. 16.

Hildebrandt, Paul, Hamburg, Germany, assignor, by mesne assignments, to The Chemical Foundation, Inc. Treatment of albuminous animal waste for the preparation of human food. 1,472,331; Oct. 30.

Hildebrandt, Paul, Hamburg, Germany, assignor, by mesne assignments, to The Chemical Foundation, Inc. Production of a preserved meat-extractlike preparation from fish flesh. 1,472,332; Oct. 30.

Hildebrandt, Paul G., Philadelphia, Pa., assignor to Black-Strap Fuel and Potash Products Company. Burner for utilizing molasses as a fuel. 1,476,714; Dec. 11.

Hildmann, Peter. (See Schulmeyer, J., and Hildmann.)

Hildremyr, Ole, Petersburg, N. Dak. Gate. 1,447,133; Feb. 27.

Hildreth, Andrew G., Worcester, Mass. Combination overalls. 1,461,798; July 17.

Hildreth, James W., assignor of one-half to W. C. Hufford, Marion, Ohio. Flytrap. 1,450,855; Apr. 3.

Hileman, Ernest J., assignor of seven-fifteenths to W. C. Schaefer and one-fifteenth to L. Lipanye, Cleveland, Ohio. Air pump. 1,440,680; Jan. 2.

Hileman, George H. (See Leahy, F. C., and Hileman.)

Hileman, Willis W., Jonesboro, assignor of one-half to C. H. Bruchhauser, Anna, Ill. Tire tool. 1,461,616; July 10.

Hilferink, Herman. Grand Rapids, Mich. Air standard. 1,475,397; Nov. 27.

Hilger, Adam, Limited. (See Twyman, Frank, assignor.)

Hilger, George, Chicago, Ill. Refrigerated display apparatus. 1,462,285; July 17.

Hilger, George, Chicago, Ill. Refrigerating apparatus and method for soda fountains. 1,467,246; Sept. 4.

Hilgerink, Frank M., assignor to H. S. Hart and C. F. Fitts, trustees, Chicago, Ill. Cleaning-process gun. 1,461,824; July 17.

Hilker, Anthony H., Fort Wayne, Ind. Woodworking tool. 1,459,534; June 19.

Hill, A. T. (See Truesdell, Joseph A., assignor.)

Hill, Albert C., Chicago, Ill. Automobile lock. 1,462,137; July 17.

Hill, Benjamin, deceased, Cleveland, Ohio; J. W. Deetrick, executor. Frying pan. 1,469,318; Oct. 2.

Hill, Claude R., Midland, Mich. Testing apparatus. 1,458,529; June 12.

Hill, Curtiss L., Dayton, Ohio. Refrigerating apparatus. 1,452,461; Apr. 17.

Hill, David, Leicester, England. Heel for boots and shoes. Des. 62,725; July 24.

Hill, David, Leicester, England. Heel for boots and shoes. Des. 63,298; Nov. 20.

Hill, David L., Rochester, N. Y. Smoking pipe. 1,464,361; Aug. 7.

Hill, Earl V., Chicago, Ill. Hydrothermostatic system. 1,460,128; June 26.

Hill, Edgar A., La Fayette, Ind. Extension hasp. 1,447,846; Mar. 6.

Hill, Edward J., Philadelphia, Pa. Lifting device. 1,455,727; May 15.

Hill, Edwin, Norwich, Conn. Billiard-cue-tip chalker. 1,450,741; Apr. 3.

Hill, Elert A., assignor to Stop-Burglar Lock Company, Los Angeles, Calif. Hinged closure. 1,476,202; Dec. 4.

Hill, Elwin K., Cleveland, Ohio. Machine for granulating metal turnings and borings. 1,465,941; Aug. 28.

Hill, Ernest N. (See Brasket, Thomas C., assignor.)

Hill, Ernst V., Worcester, assignor, by mesne assignments, to E. A. W. Jefferies, W. A. Winn, N. Bjork, M. C. Nelson, and W. J. Denholm, trustees, Worcester, Mass. Coin selector. 1,477,221; Dec. 11.

Hill, Francis J., sr., assignor to Curtis & Hill Gravel and Sand Company, Philadelphia, Pa. Hopper for gravel-screening plants. 1,443,181; Jan. 23.

Hill, Frank C., Chicago, Ill. License-plate holder. 1,468,153; Sept. 18.

Hill, Frank M., Camden, N. J. Means for brine circulation. 1,478,120; Dec. 18.

Hill, Frank M., Camden, N. J. Ice box for use at soda fountains. 1,478,121; Dec. 18.

Hill, Frank X., Keyport, N. J. Hospital bed. 1,447,470; Mar. 6.

Hill, Frederick M., Chicago, Ill. Signaling device. 1,452,737; Apr. 24.

Hill, George C., Yonkers, N. Y. Vanity case. 1,455,840; May 22.

Hill, George S., Strafford, N. H., assignor to United Shoe Machinery Corporation, Paterson, N. J. Buttonhole-sewing machine. 1,445,316; Feb. 13.

Hill, Guy, Washington, D. C. Combined wave changer and wave meter. 1,450,038; Mar. 27.

Hill, Harry W., assignor to American Optical Company, Southbridge, Mass. Lens-grinding machine. 1,441,805; Jan. 9.

Hill, Harry W., assignor to American Optical Company, Southbridge, Mass. Lens holder for use in lens grinding. 1,447,983; Mar. 13.

Hill, Harry W., assignor to American Optical Company, Southbridge, Mass. Lens. 1,449,941; Mar. 27.

Hill, Harry W., assignor to American Optical Company, Southbridge, Mass. Lens-grinding machine. 1,454,221; May 8.

Hill, Harry W., assignor to American Optical Company, Southbridge, Mass. Lens block. 1,455,438; May 15.

Hill, Harry W., assignor to American Optical Company, Southbridge, Mass. Lens holder. 1,455,439; May 15.

Hill, Harry W., assignor to American Optical Company, Southbridge, Mass. Glass cutter. 1,459,369; June 19.

Hill, Harry W., assignor to American Optical Company, Southbridge, Mass. Lens-grinding apparatus. 1,467,160; Sept. 4.

Hill, Horace H., Arlington, Mass. Dump body. 1,468,294; Sept. 18.

Hill, Irving, and P. A. Dinsmoor, assignors to Lawrence Paper Manufacturing Company, Lawrence, Kans. Machine for making cellular board. 1,473,096; Nov. 6.

Hill, Isaac E., Hannibal, Mo. Ether dropper. 1,447,209; Mar. 6.

Hill, Jesse A., South Greenfield, Mo. Automatic transmission release for motor vehicles. 1,461,121, July 10.

Hill, John E., West Somerville, assignor of one-half to J. M. Cummings, Stoneham, Mass. Automobile signal. 1,460,904; July 3.

Hill, John W., Salt Lake City, Utah. Wiring system. 1,441,087; Jan. 2.

Hill, Jonas N., Deep Run, N. C. Screen. 1,458,056; June 5.

Hill, Joseph B. (See Dillig, H. P., and Hill.)

Hill, Joseph B. (See Miller, S. P., and Hill.)

Hill, Lewis L. (See Tuttle, M. I., and Hill.)

Hill, Lionel C., Montreal, Quebec, Canada. Car dumper. 1,446,303; Feb. 20.

Hill, Mathew B. (See Muller, G., and Hill.)

Hill, Myron F., New York, N. Y. Ship. 1,477,646; Dec. 18.

Hill, N. N., Brass Co., The. (See Kidney, Josiah R., assignor.)

Hill, Percy L., deceased, by J. W. Anderson, administrator, New York, N. Y. Making character carriers for composing machines. 1,466,437; Aug. 28.

Hill, Percy L., New York, N. Y., deceased; J. W. Anderson, administrator. Recording apparatus. 1,473,554; Nov. 6.

Hill Pump Valve Company, The. (See Bosshard, John J., assignor.)

Hill, Raymond I., Elyria, Ohio, assignor, by mesne assignments, to W. R. Huntington. Resilient heel lift. 1,453,459; May 1.

Hill, Raymond I., Elyria, Ohio, assignor, by mesne assignments, to W. R. Huntington. Resilient heel lift. 1,453,460; May 1.

Hill, Raymond S., Minneapolis, Minn. Carburetor. 1,472,834; Nov. 6.

Hill, Reuben, Hartford, Conn. assignor to Pratt & Whitney Company, New York, N. Y. Machine for measuring the lead of screw threads. 1,447,416; Mar. 6.

Hill, Reuben, Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Lead-measuring machine for gauges. 1,470,836; Oct. 16.

Hill, Richard M., Spring Valley, Ill. Decoy anchor. 1,461,617; July 10.

Hill, Robert H. (See Paulson, G. W., and Hill.)

Hill, Samuel C., J. M. Gibson, and J. E. Wright, Wheeling, W. Va. Siphon-action water-closet. 1,476,445; Dec. 4.

Hill, W. A. (See Kaufmann, Florence A., assignor.)

Hill, William H., Manati, P. R. Kerosene vaporizer. 1,460,583; July 3.

Hill, William H., et al. (See Dungan, John E., assignor.)

Hill, William P. (See Dobschutz, Jehu B., assignor.)
Hill, William T., York Harbor, Me. Trolley. 1,442,273; Jan. 16.
Hill, Willoughby F., assignor, by mesne assignments, to Paper Utilities Co., Inc., New York, N. Y. Delivery carton for paper cups. 1,445,884; Feb. 20.
Hillard, Frederic W., Tottenville, N. Y., assignor to Typewriters Hillardized Inc. Typewriter. 1,445,513; Feb. 13.
Hillbom, Henrik, assignor to R. Wallace & Sons Mfg. Co., Wallingford, Conn. Spoon or similar article. Des. 62,328; May 8.
Hillbom, Henrik, assignor to R. Wallace & Sons Mfg. Co., Wallingford, Conn. Teapot or similar article. Des. 63,134; Oct. 16.
Hillbom, Henrik, assignor to R. Wallace & Sons Mfg. Co., Wallingford, Conn. Spoon or similar article. Des. 63,174; Oct. 30.
Hiller, Frederick C., Troy, N. Y. Automobile jack. 1,445,682; Feb. 20.
Hiller, Joseph J., and E. R. Strenger, assignors of one third to L. J. Venuto, Philadelphia, Pa. Window-cleaning device. 1,455,398; May 15.
Hiller, Joseph L., Mattapoisett, Mass. Hammer for pulverizers. 1,442,946; Jan. 23.
Hiller, Nicolai H., Carbondale, Pa. Valve block for compressor pumps. 1,462,857; July 24.
Hiller, Stanley, San Francisco, assignor to Pacific By-Products Company, San Jose, Calif. Method of and apparatus for producing charcoal and by-products. 1,458,410; June 12.
Hiller, Stanley, and L. A. Clarke, assignors to The Pacific By Products Company, San Jose, Calif. Producing charcoal and apparatus therefor. 1,465,131; Aug. 14.
Hiller, William A., Manor, assignor to The Murray Company, Dallas, Tex. Feeder for cotton gins. 1,448,443; Mar. 13.
Hillhouse, John T. E., assignor to Western Electric Company, Incorporated, New York, N. Y. Calling device. 1,472,595; Oct. 30.
Hilliard, Harry D., assignor, by mesne assignments, to H-R Manufacturing Company, Chicago, Ill. Shock absorber for automobiles. 1,451,509; Apr. 10.
Hilligardt, Erich, assignor to the Firm: Luftschiffbau Zeppelin, Gesellschaft mit beschrankter Haftung, Friedrichshafen, Germany. Thermometer. 1,441,581; Jan. 9.
Hillix, Foster F., assignor to White Sewing Machine Company, Cleveland, Ohio. Sewing-machine motor control. 1,441,421; Jan. 9.
Hillix, Foster F., assignor to White Sewing Machine Company, Cleveland, Ohio. Sewing-machine-motor control. 1,441,422; Jan. 9.
Hillix, Foster F., assignor to White Sewing Machine Company, Cleveland, Ohio. Motor attachment for sewing machines. 1,445,946; Feb. 20.
Hillix, Foster F., assignor to White Sewing Machine Company, Cleveland, Ohio. Motor attachment for sewing machines. 1,445,947; Feb. 20.
Hillix, Foster F., assignor to White Sewing Machine Company, Cleveland, Ohio. Motor attachment for sewing machines. 1,445,948; Feb. 20.
Hillix, Foster F., assignor to White Sewing Machine Company, Cleveland, Ohio. Motor attachment for sewing machines. 1,449,942; Mar. 27.
Hillman, Charles F., Wichita Falls, Tex. Oil-refining device. 1,451,574; Apr. 10.
Hillman, Henry G., New York, N. Y. Car system. 1,475,699; Nov. 27.
Hillman, Herbert H., assignor to Challenge Refrigerator Company, Grand Haven, Mich. Refrigerator. 1,463,889; Aug. 7.
Hillmann, Hans, assignor to Illinois Glass Company, Alton, Ill. Bottle-handling device. 1,462,546; July 24.
Hillmer, Max L., Detroit, Mich., assignor to The Remy Electric Company. Cover and cover-securing means. 1,463,147; July 24.
Hillmer, Max L., and L. O. Parker, assignors to Remy Electric Company, Anderson, Ind. Engine-starter gearing. 1,463,211; July 31.
Hills Brother Company, Inc., The. (See Stott, Alexander W., assignor.)
Hills, George L., Franklin, Ill. Illuminated liquid gauge. 1,445,834; Feb. 20.
Hills, Sidney C., assignor to the Turner & Seymour Manufacturing Company, Torrington, Conn. Curtain-ring. 1,476,513; Dec. 4.
Hills, William F. (See Chard, W. H., and Hills.)
Hills, William F., Mountain View, and W. H. Chard, Paicines, Calif. Superheater. 1,452,382; Apr. 17.
Hilpert, Meier G., Harrisburg, Pa. Polycycle. 1,443,130; Jan. 23.
Hilpert, Meier G., Harrisburg, assignor to Bethlehem Steel Bridge Corporation, Bethlehem, Pa. Transfer-table locking and aligning device. 1,442,148; Jan. 16.
Hilpert, Meier G., assignor to Bethlehem Steel Company, Bethlehem, Pa. Turntable. 1,458,229; June 12.
Hils, Wilhelm, Philadelphia, Pa. Tie form or holder. 1,473,346; Nov. 6.
Hilsdorf, William G., assignor to J. H. Walters, Brooklyn, N. Y. Coupon cutter. 1,447,247; Mar. 6.
Hilt, Frank E., Lyons, Kans. Egg tray. 1,450,368; Apr. 3
Hilton, David F., Dennison, Ohio. Lifting jack. 1,458,530; June 12.
Hilton, Robert W., Cincinnati, Ohio. Ink. 1,449,943; Mar. 27.
Hilton, Thomas, Walpole, Mass. Mud guard. 1,454,738; May 8.
Hilton, Thomas P., Paterson, assignor to Richardson Scale Company, Passaic, N. J. Bag holder. 1,449,285; Mar. 20.
Hilwig, Edward, Clarks Green, Pa. Sawing machine. 1,464,679; Aug. 14.
Him, Thomas P., Wilkes-Barre, Pa. Portable rheostat for electric-arc welding. 1,478,435; Dec. 25.
Himes, Charles C., Indianapolis, Ind. Vehicle bumper. 1,473,371; Nov. 6.
Himes, Howard P., Detroit, Mich. Bearing. 1,452,603; Apr. 24.
Himes, Joseph, assignor to Henry Disston & Sons, Seattle, Wash. Planer knife. 1,459,398; June 19.
Himmel, M. L., & Son. (See Woltz, Albert M., assignor.)
Himmelright, Raleigh J., Englewood, N. J., assignor to American Arch Company. Fire-box arch and arch brick. 1,470,736; Oct. 16.
Himmelsbach, William F., assignor to Kelly Lubricator Corporation, Syracuse, N. Y. Ball-feeding vacuum lubricator. 1,471,464; Oct. 23.
Hinchey, Claude E., Weyauga, Wis. Dental tool. 1,458,293; June 12.
Hinchey, Robert E., Aurora, Mo. One-story moving display advertising machine. 1,465,304; Aug. 21.
Hinchliff, Ralph, assignor to Burson Knitting Company, Rockford, Ill. Openwork knitted fabric and producing same. 1,451,391; Apr. 10.
Hinchliffe, George H., Boston, Mass. Mixing machine. 1,446,183; Feb. 20.
Hinchman, Alva K., assignor of one-half to R. M. Adams, Philadelphia, Pa. Air and dust cap for pneumatic tires. 1,460,355; June 26.
Hinckley, Howard, Washington, D. C. Timing device. 1,443,573; Jan. 30.
Hinckley, Robert, Washington, D. C. Wave motor. 1,443,626; Jan. 30.
Hindahl, David. (See Hosceit, W. J., and Hindahl.)
Hindahl, David, assignor to H. S. Hart, Chicago, Ill. Door stop. 1,446,846; Feb. 27.
Hindahl, David, assignor to H. S. Hart, Chicago, Ill. Maximum-capacity railway car. 1,453,675; May 1.
Hindahl, David, assignor to National Dump Car Company, Chicago, Ill. Dump-car-door-latching mechanism. 1,454,786; May 8.
Hinderliter, Amos R., Falls Creek, Pa. Shade holder. 1,455,166; May 15.
Hinderliter, Cyrus S., Eddyville, Pa. Hook. 1,453,502; May 1.
Hindle, Samuel. (See Taylor, W., and Hindle.)
Hindley, Charles T., New York, N. Y. Musical-instrument support. 1,464,279; Aug. 7.
Hindmarsh, Percival, Lincoln, Nebr., assignor to The American Steel and Wire Company of New Jersey. Driving cap for fenceposts. 1,444,834; Feb. 13.
Hindmarsh, Percy J., Lincoln, Nebr., assignor to The American Steel and Wire Company of New Jersey, Hoboken, N. J. Driving cap for fenceposts. Re15,669; Aug. 7.
Hindmarsh, Percy J., Lincoln, Nebr., and J. W. Meaker, Evanston, Ill., assignors to The American Steel and Wire Company of New Jersey. Fencepost. 1,466,880; Sept. 4.
Hindmarsh, Percy J., Lincoln, Nebr., and J. W. Meaker, Evanston, Ill., assignors to The American Steel and Wire Company of New Jersey. Tubular fencepost. 1,477,349; Dec. 11.
Hinds, Herbert H. (See Brown, C. R., and Hinds.)
Hinds, Sherwood, Richmond Heights, assignor to St. Louis Pump & Equipment Company, St. Louis, Mo. Valve. 1,457,574; June 5.
Hindshaw Engineering & Development Co. (See Hindshaw, Henry H., assignor.)
Hindshaw, Henry H., St. Paul, Minn. Rotating kiln. 1,441,351; Jan. 9.
Hindshaw, Henry H., assignor to Hindshaw Engineering & Development Co., St. Paul, Minn. Heat-insulating material. 1,471,846; Oct. 23.
Hine, Charles F. (See Rees, C., and Hine.)
Hine, Cicero, assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Phonograph cabinet. Des. 61,930; Feb. 13.
Hine, Cicero, Chicago, Ill., assignor to The Brunswick-Balke-Collender Company, Wilmington, Del. Game table. Des. 62,448; June 5.
Hine, Cicero, Chicago, Ill., assignor to The Brunswick-Balke-Collender Company, Wilmington, Del. Game table. Des. 62,449; June 5.
Hine, Cicero, Chicago, Ill., assignor to The Brunswick-Balke-Collender Company, Wilmington, Del. Game table. Des. 62,450; June 5.
Hine, Cicero, Chicago, Ill., assignor to The Brunswick-Balke-Collender Company. Cue rack. 1,478,032; Dec. 18.
Hine, Edward B., Longmeadow, Mass. Strip feeding and punching apparatus. 1,459,890; June 26.

Hine, Edward B., Longmeadow, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Register. 1,449,230; Mar. 20.

Hine, Tredick K., Newington, Conn. Fitting-up bolt. 1,470,608; Oct. 16.

Hineline, Edson S., Providence, R. I., assignor to Hemphill Company, Central Falls, R. I. Means for maintaining uniform the tension upon yarn or thread. 1,459,332; June 19.

Hineline, Edson S., Apponaug, assignor to Hineline Engineering Company, Providence, R. I. Stop motion for knitting machines. 1,463,741; July 31.

Hineline Engineering Company. (See Hineline, Edson S. assignor.)

Hinerman, Harry. (See Ewing, I. E., and Hinerman.)

Hinerman, John O., Aleppo, Pa. Demountable rim. 1,470,569; Oct. 9.

Hines, C. Calvert, et al. (See Flannery, William C., assignor.)

Hines, Edwin G. (See Boock, Gustave J., assignor.)

Hines, Edwin G., Drums, Pa. Tree holder. 1,450,807; Apr. 3.

Hines, Edwin G., Drums, Pa. Toy fence. 1,468,810; Sept. 25.

Hines, Gail H., Lake Odessa, Mich. Fish lure. 1,474,823; Nov. 20.

Hines, Gustave H., Chicago, Ill. V-block workholder or drill jig. 1,476,611; Dec. 4.

Hines, Gustave H., Chicago, Ill., assignor to The V. & S. Automatic Bolt Company. Adjustable automatic bolt. 1,449,997; Mar. 27.

Hines, John, Chicago, Ill. Trailer construction. 1,442,342; Jan. 16.

Hines, Joseph H., Auburn, Calif. Automatic pistol. 1,460,672; July 3.

Hines, Joseph H., Philadelphia, Pa. Applying vitreous and waterproofing coating to brick and burnt-clay articles. 1,471,792; Oct. 23.

Hines, William A., and F. B. Manley, Carey, Ohio. Burner attachment. 1,447,847; Mar. 6.

Hines, William J., assignor to The Fuller Brush Company, Hartford, Conn. Brush holder. Des. 62,726; July 24.

Hingher, Joseph. (See Barwell, J. W., Ward, Nelson, Hingher, Booth, and Blows.)

Hinkle, Charles W., Rushville, Ind. Gate hinge. 1,462,759; July 24.

Hinkle, Claude L., Winchester, Va. Apparatus for the manufacture of vinegar. 1,477,957; Dec. 18.

Hinkle, Emmit P. (See Cook, J., and Hinkle.)

Hinkley, Carl C., Detroit, Mich. Governor. 1,442,885; Jan. 23.

Hinkley, Carl C., Detroit, Mich. Motor mounting. 1,442,886; Jan. 23.

Hinkson, Joseph H. (See Parsons, John H., assignor.)

Hinkson, Joseph H. (See Parsons, John H. and J. R., assignors.)

Hinman, Arthur V., assignor to The Hinman Milking Machine Company, Oneida, N. Y. Teat cup. 1,446,295; Feb. 20.

Hinman, Charles W., deceased, Winchester, Mass.; N. C. Nash, jr., executor. Method of and apparatus for measuring gas. 1,446,461; Feb. 27.

Hinman Milking Machine Company. (See Hinman, Arthur V., assignor.)

Hinrichs, Dunbar M., Brooklyn, N. Y., and A. T. Miles, Hartford, Conn. Lever lock. 1,443,262; Jan. 23.

Hinrichs, Henry C., New Orleans, La. Drawing stand. 1,457,889; June 5.

Hinrichsen, Edward E., assignor to WesternElectric Company, Incorporated, New York, N. Y. Telephone system. 1,463,815; Aug. 7.

Hinsdale, George G., Somerville, assignor to Autocraft Corporation, Boston, Mass. Resilient wheel. 1,442,805; Jan. 23.

Hinton, Edward A., Liberty, Miss. Combined side harrow and cultivator. 1,442,806; Jan. 23.

Hinton, Sebastian, Winnetka, assignor to Junglegym, Inc., Chicago, Ill. Climbing structure. 1,471,465; Oct. 23.

Hinton, Thomas J., and F. A. W. Johnson, Fort Dodge, Iowa. Automobile tail light and signal. 1,449,859; Mar. 27.

Hintz, Edmund, Chicago, Ill. Adjustable frame. 1,446,900; Feb. 27.

Hintz, John C. (See Beynon, R., and Hintz.)

Hinz, August J. (See Butler, John, assignor.)

Hiorth, Albert, Asker, near Christiania, Norway. Process and apparatus for performing thermic processes of any kind. 1,459,627; June 19.

Hippenmeyer, Irving R., and C. Skidd, Janesville, Wis., assignors, by mesne assignments, to The H. H. Miller Industries Company, Canton, Ohio. Bottle filling and capping machine. 1,463,998; Aug. 7.

Hipple, James L. (See Graham, W. S., and Hipple.)

Hipple, Solomon R., Williamsport, assignor to D. X. Instrument Company, Harrisburg, Pa. Rheostat. 1,458,105; June 5.

Hipple, William H. J., jr., Philadelphia, Pa. Cigarette-extinguishing ash tray. 1,477,122; Dec. 11.

Hipwood, George, New York, N. Y. Crutch. 1,459,333; June 19.

Hipwood, George, New York, assignor to F. C. Mayle, Niagara Falls, N. Y. Fish-rod holder. 1,451,732; Apr. 17.

Hird, Charles, Hartford, Conn., assignor to S. K. F. Ball Bearing Company. Chuck. 1,453,110; Apr. 24.

Hird, William, Cuba, Wis. Hog trough. 1,459,535; June 19.

Hird, William, Cuba, Wis. Gate opener. 1,465,551; Aug. 21.

Hirsch, Benjamin, Leominster, Mass. Protective inner liner for pneumatic tires. 1,442,407; Jan. 16.

Hirsch, Daniel, New York, N. Y. Identification means for umbrellas, parasols, etc. Re15,712; Oct. 30.

Hirsch, Herbert S., Newark, N. J. Collapsible display box. 1,459,399; June 19.

Hirsch, Julius. (See Elder, William S., assignor.)

Hirsch, Louis, Honolulu, Hawaii, assignor to California Packing Corporation, San Francisco, Calif. Pineapple slicer. 1,466,337; Aug. 28.

Hirsch, Ludwick H. (See Kett, William G., assignor.)

Hirsch, Morris, New York, N. Y., assignor to Bijur Motor Appliance Company. Engine-starting apparatus. 1,445,949; Feb. 20.

Hirsch, Otto C. L., assignor to Sausage Linking Machine Corporation, Chicago, Ill. Sausage linking and hanging machine. 1,458,653; June 12.

Hirsch, Paul A., Erie, Pa., assignor to Aero Pulverizer Company, New York, N. Y. Treating and feeding fuel and apparatus therefor. 1,453,977; May 1.

Hirschberg, Nathan, et al. (See Auble, James H. and J. L., assignors.)

Hirschfeld, Herman C., and R. S. Mayer, Eastland, Tex. Well-drilling apparatus. 1,477,563; Dec. 18.

Hirschhorn, Benjamin and L., assignors, by mesne assignments, to Millie Patent Holding Co. Inc., New York, N. Y. Tea cartridge. 1,473,430; Nov. 6.

Hirschhorn, Louis. (See Hirschhorn, Benjamin and L.)

Hirschhorn, Louis, assignor, by mesne assignments, to Millie Patent Holding Co. Inc., New York, N. Y. Tea cartridge. 1,473,429; Nov. 6.

Hirschler, Horace L., San Francisco, Calif. Brake-operating apparatus. 1,444,315; Feb. 6.

Hirschler, Horace L., San Francisco, Calif. Trailer brake mechanism. 1,444,316; Feb. 6.

Hirschy, Herman C., Duluth, Minn. Washing machine. 1,464,362; Aug. 7.

Hirsh, Allan M., Montclair, and J. C. Mitchell, East Orange, assignors, to Lock Joint Pipe Company, Ampere, N. J. Pipe joint. 1,455,250; May 15.

Hirschfield, Morris, Brooklyn, N. Y. Slipper. Des. 62,777; July 31.

Hirschfield, Morris, Brooklyn, N. Y. Slipper. Des. 62,778; July 31.

Hirschfield, Morris, Brooklyn, N. Y. Slipper. Des. 62,779; July 31.

Hirschfield, Morris, Brooklyn, N. Y. Slipper. Des. 62,780; July 31.

Hirshstein, Joseph, assignor of one-half to S. W. Goldman, Cleveland, Ohio. Insert for floors, walls, and the like. 1,475,342; Nov. 27.

Hirsig, A. H., et al. (See Steuart, Gordon R., assignor.)

Hirst, Arnold. (See Hirst, Rowland R. and A.)

Hirst, Franklin G., Philadelphia, Pa. Leaf-spring-lubricating device. 1,447,177; Mar. 6.

Hirst, James E., assignor to J. A. Fay & Egan Company, Cincinnati, Ohio. Woodworking machinery. 1,458,411; June 12.

Hirst, Rowland R. and A., Halifax, England. Tennis post. 1,462,201; July 17.

Hirst, William F. (See De Cew, C. A., and Hirst.)

Hirt, Jules H., El Paso, Tex., assignor to Alvarado Mining and Milling Company, New York, N. Y. Chloridizing of ores. 1,467,037; Sept. 4.

Hirt, Linus C., Des Moines, Iowa. Combination phonograph cabinet and chair. 1,477,828; Dec. 18.

Hirtschulz, Kurt, assignor of one-half to Norddeutsche Metallwarenfabrik G. m. b. H., Berlin, Germany, and one-half to Marburg Brothers, Inc., New York, N. Y. Marking tool. 1,446,647; Feb. 27.

Hiscock, Herbert. (See Westbury, A. J. G., and Hiscock.)

Hiscutt, William R. R., London, England. Operating mechanism for brakes. 1,446,702; Feb. 27.

Hise, John P., Hightown, Va. Flash-light attachment for guns. 1,456,440; May 22.

Hiser, Charles H., assignor to The Springfield Metallic Casket Company, Springfield, Ohio. Burial case. Des. 63,147; Oct. 16.

Hiser, Charles H., assignor to The Springfield Metallic Casket Company, Springfield, Ohio. Ear for handles for burial cases. Des. 63,148; Oct. 16.

Hisert, John T., Chicago, Ill. Attachment for boats. 1,477,487; Dec. 11.

Hitch, Frederick C., Brooklyn, and A. H. Peter, assignors to Royal Baking Powder Company, New York, N. Y. Confection. 1,476,612; Dec. 4.

Hitch, John E., Cincinnati, Ohio. Heat and cold insulating receptacle and apparatus for supporting and finishing the same. 1,472,019; Oct. 23.

Hitchcock Experiment Company. (See Hitchcock, Halbert K., assignor.)

Hitchcock, George E., assignor of one-half to M. Brown, Flint, Mich. Spring latch. 1,441,151; Jan. 2.

Hitchcock, Halbert K., Pittsburgh, Pa., assignor of one-half to Hitchcock Experiment Company. Drawing glass sheets. 1,463,582; July 31.
Hitchcock, Levi, Meridale, N. Y. Tire armor. 1,475,302; Nov. 27.
Hitchcock, Otto G., assignor to Hays Manufacturing Co., Erie, Pa. Mixing faucet. Des. 61,953; Feb. 13.
Hitchcock, Walter E., Blanchard, Iowa. Culvert. 1,453,136; Apr. 24.
Hitchcock, William A. (See Perrault, J. A., and Hitchcock.)
Hitchcock, William H., Gainesville, Ga. Pump. 1,476,888; Dec. 11.
Hitchings, Vernon D., Norfolk, Va. Automobile screen. 1,476,336; Dec. 4.
Hitchner, Joseph C., Hammonton, N. J., assignor to Cheney Talking Machine Company, Chicago, Ill. Repeating mechanism for talking machines. 1,478,827; Dec. 25.
Hite, Rexford E. (See Goin, G. R., and Hite.)
Hiteshew, Harvey B. (See Ahrens, H. A., and Hiteshew.)
Hitt, Thomas G., Seattle, Wash. Aerial serpent toy. 1,467,726; Sept. 11.
Hitz, Joseph. (See Hitz, Maurice, assignor.)
Hitz, Maurice, Belfort, France, assignor to J. Hitz, Lyon, France. Dirigible headlight. 1,465,847; Aug. 21.
Hix, Andrew J., Hellier, Ky. Commutator. 1,445,885; Feb. 20.
Hix, Galen F., Portland, Me. Car-door seal. 1,446,462; Feb. 27.
Hixson, Arthur W., Leonia, N. J., assignor to The Fleischmann Company, New York, N. Y. Pretreating dried yeast to increase the baking strength. 1,464,710; Aug. 14.
Hixson, Charles T. (See Hixson, Earl C. and C. T.)
Hixson, Earl C. and C. T., Ringwood, Okla. Hot-air and steam cooker. 1,458,412; June 12.
Hixson, Ernest S. (See Hawkins, R. C., and Hixson.)
Hizer, George W., Detroit, Mich. Hat insert. 1,443,744; Jan. 30.
Hjermstad, Christian O. (See Lancaster, S. C., and Hjermstad.)
Hjort, Johannes E., Copenhagen, Denmark. Mortise lock. 1,464,473; Aug. 7.
Hjorth, Henrick J., Woburn, Mass. Drilling machine. 1,442,149; Jan. 16.
Hladish, Josef R. (See Soltesz, Charles, assignor.)
Hleb, Peter, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 1,477,264; Dec. 11.
Hlozek, Joseph, Cleveland, Ohio. Extension table. 1,460,754; July 3.
Hnilo, Frank, Cicero, assignor of one-half to J. Schultz, Chicago, Ill. Electric heater. 1,446,703; Feb. 27.
Hnilo, Frank, Cicero, and J. Schultz, Chicago, Ill. Bath cabinet. 1,446,704; Feb. 27.
Hoadley, Glenn C., Olathe, Colo. Scale-ticket filing cabinet. 1,464,934; Aug. 14.
Hoadley, Harry W., Findlay, Ohio. Rug-cleaning frame. 1,445,081; Feb. 13.
Hoag, Charles A., jr. (See La Casse, Eugene R., assignor.)
Hoag, Glen B., Fullerton, Calif. Concrete-wall form. 1,459,889; June 26.
Hoagland, Frank O., Bridgeport, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Lapping machine. 1,472,835; Nov. 6.
Hoagland, Robroy C., assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Automobile top. 1,455,203; May 15.
Hoar, Samuel, Virginia, Minn. Mechanical shovel. 1,448,537; Mar. 13.
Hoar, Samuel, Virginia, assignor to Rex Loading and Engineering Company, Duluth, Minn. Mechanical shovel. Re15,685; Sept. 18.
Hoard, Milo C., Stryker, Ohio. Combination safe lock. 1,455,912; May 22.
Hobart, Franklin G., and C. B. Jahnke, Beloit, Wis., assignors to Fairbanks, Morse & Company, Chicago, Ill. Movable oil injector. 1,448,745; Mar. 20.
Hobart, Henry M., Schenectady, N. Y., assignor to General Electric Company. Electrical apparatus. 1,471,263; Oct. 16.
Hobart Manufacturing Company, The. (See Rataiczak, Thomas F., assignor.)
Hobbs, Frank C., Buffalo, N. Y. Automatic stop for sound-reproduction apparatus. 1,468,295; Sept. 18.
Hobbs, Orace P., Royston, P. A. Flanigan, and H. T. Flanigan, Winder, Ga. Cotton duster. 1,476,889; Dec. 11.
Hobbs, William N., Kensington, Kans. Device for weighing animals and for indicating dosage. 1,451,826; Apr. 17.
Hobday, Herbert L., and F. W. Nunn, Melbourne, Victoria, Australia. Apparatus for casting dental plates in metal. 1,475,996; Dec. 4.
Hobeck, Augustus, and J. Laughlin, Toronto, Ontario, Canada. Flushing system. 1,465,823; Aug. 21.
Hoberg, William J., Jersey City, N. J. Abrasive device. 1,452,738; Apr. 24.
Hobert, Clayton, Philadelphia, Pa. Bedspring support. 1,472,361; Oct. 30.
Hobert, Winceslas B., jr., Jackson, Miss. Swimming appliance. 1,478,959; Dec. 25.
Hoblit, William A., Los Angeles, Calif. Adjustable wrist pin. 1,443,534; Jan. 30.
Hobson, Bennett D., Richmond, Va. Device for extricating mud-stalled vehicles. 1,453,011; Apr. 24.
Hobson, Claude C., et al. (See Erb, Irwin H., assignor.)
Hobson, John S., assignor to Massey Concrete Products Corporation, Chicago, Ill. Battery receptacle. 1,478,390; Dec. 25.
Hobson, Oscar T., Tolbert, Tex. Cultivator-gang equalizer. 1,446,503; Feb. 27.
Hobson, Oscar T., Tolbert, Tex. Cultivator arch and coupling. 1,447,471; Mar. 6.
Hobson, Ota O., et al. (See Erb, Irwin H., assignor.)
Hobson, Ota O., Vinton, Iowa. Resilient wheel. 1,451,827; Apr. 17.
Hochenauer, Joseph, Pueblo, Colo. Cutter for forage and grain grinders. 1,469,510; Oct. 2.
Hochman, Jacob, New York, N. Y. Quick-stop emergency brake for vehicles. 1,451,336; Apr. 10.
Hochstadter, Harry C., Philadelphia, Pa. Holder for dental floss and other thread. 1,465,669; Aug. 21.
Hochstraser, Alan, Denver, Colo. Hard candy confection. Des. 62,611; July 3.
Hock, Edward C., Buffalo, N. Y. Smoke-preventing boiler furnace. 1,442,666; Jan. 16.
Hockaday, John K., assignor of one-half to R. A. Emond, Birmingham, Ala. Refreshment booth for motorists. 1,459,628; June 19.
Hocke, Enrico. (See Macchioni, A., and Hocke.)
Hockenberry, James H., Winterset, Iowa. Door-control device. 1,478,856; Dec. 25.
Hocker, Carl D., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electron-emitting cathode and making the same. 1,459,400; June 19.
Hockins, Charles C., Rochester, N. Y. Humidifier. 1,453,137; Apr. 24.
Hockley, Marion J., assignor of one-half to F. Bergner, Ridgway, Colo. Converter for direct-current generators. 1,478,518; Dec. 25.
Hockman, Russel, assignor of one-third to H. H. Wilson and one third to E. B. Shaffer, Lock Haven, Pa. Automatic stock regulator for paper-making machines. 1,451,659; Apr. 10.
Hoddinott, John F. (See Hoddinott, John K., assignor.)
Hoddinott, John K., assignor of one-half to J. F. Hoddinott, Baltimore, Md. Toy. 1,474,589; Nov. 20.
Hodel, Adolf, Wahpeton, N. Dak. Chimney cap. 1,476,613; Dec. 4.
Hodes, Frank E., Denver, Colo. Carboy. 1,452,971; Apr. 24.
Hodgdon, Lewis S., Bangor, Me. Price-exhibiting device. 1,470,609; Oct. 16.
Hodge, Eugene L., Far Rockaway, N. Y. Automobile tire. 1,455,615; May 15.
Hodge, Howard D., assignor to G. Ramsey, New York, N. Y. Rim-fire ammunition. 1,461,013; July 3.
Hodge, Karl. (See Johnson, Carl W., assignor.)
Hodge, Robert J., assignor to The American Buckle Company, West Haven, Conn. Overalls suspenders loop. 1,440,831; Jan. 2.
Hodge, Thomas A., Franklin, Ind. Cooker. 1,459,466; June 19.
Hodges Finishing Company. (See Brindley, Joseph F., assignor.)
Hodges, Frank W., assignor to Converse Rubber Shoe Company, Malden, Mass. Apparatus for applying rubber outsoles to shoes. 1,465,824; Aug. 21.
Hodges, Wayne S., Shelby, Ohio. Oven charging and unloading apparatus. 1,460,323; June 26.
Hodges, Wilbur B., Brownsville, S. C. Rotary bin. 1,468,108; Sept. 18.
Hodgetts, Harold W., assignor to The Allen Company, Springfield, Mass. Casket handle. Des. 63,225; Nov. 6.
Hodgetts, Raymond W., assignor to The Allen Company, Springfield, Mass. Casket handle. Des. 63,226; Nov. 6.
Hodgins, Abraham. (See Collinson, E. J., and Hodgins.)
Hodgkins, Albert A., Bridgeport, Conn., assignor to The American Fabrics Company. Featherstitch braid or similar article. Des. 62,906; Aug. 21.
Hodgkins, Albert A., Bridgeport, Conn., assignor to The American Fabrics Company. Featherstitch braid and the like. Des. 62,907; Aug. 21.
Hodgkins, Albert A., Bridgeport, Conn., assignor to The American Fabrics Company. Embroidery trimming. Des. 62,908; Aug. 21.
Hodgkins, Albert A., Bridgeport, Conn., assignor to The American Fabrics Company. Featherstitch braid or similar article. Des. 63,079; Oct. 2.
Hodgkins, Charles H., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Switch mechanism. 1,442,066; Jan. 16.
Hodgkins, Charles H., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Starting mechanism for automobiles. 1,470,737; Oct. 16.
Hodgkinson, Edwin, assignor to Taylor Instrument Companies, Rochester, N. Y. Recording instrument. 1,458,531; June 12.

Hodgkinson, Edwin, assignor to Taylor Instrument Companies, Rochester, N. Y. Recording apparatus. 1,466,717; Sept. 4.
Hodgkiss, Frank, Oakland, Calif. Tractor. 1,451,613; Apr. 10.
Hodgkiss, Frank, Oakland, Calif. Tractor. 1,455,616; May 15.
Hodgson, Harriette E., New York, N. Y. Ice bag. 1,441,282; Jan. 9.
Hodgson, Harriette E., New York, N. Y. Fire rescue cable. 1,448,348; Mar. 13.
Hodgson, Harriette E., New York, N. Y. Fire-rescue device. 1,456,106; May 22.
Hodgson, Harriette E., New York, N. Y. Fire rescue bag. 1,457,304; June 5.
Hodgson, Harriette E., New York, N. Y. Portable dressing tent. 1,466,166; Aug. 28.
Hodgson, Harriette E., New York, N. Y. Hasp hook. 1,468,861; Sept. 25.
Hodgson, Harriette E., New York, N. Y. Fixed signal system for protecting danger points on railways. 1,470,009; Oct. 9.
Hodgson, Millard B., assignor to Eastman Kodak Company, Rochester, N. Y. Dental film mount. 1,467,108; Sept. 4.
Hodgson, Raymond, Freeport, N. Y. Safety plug for water-tube boilers. 1,452,047; Apr. 17.
Hodgson, William, Gisborne, New Zealand. Stand for electric irons. 1,468,296; Sept. 18.
Hodnefield, Olaus T., Los Angeles, Calif. Ring. Des. 62,727; July 24.
Hodson, Frank, Philadelphia, Pa. Electrical resistance heating element and making same. 1,450,725; Apr. 3.
Hoe, R., and Co. (See Gallien, Addison J., assignor.)
Hoe, R., and Co. (See Herb, Frederick, assignor.)
Hoe, R., and Co. (See Raabe, Otto L., assignor.)
Hoe, R., and Co. (See Schmidt, Louis A., assignor.)
Hoe, R. and Co. (See Sheldon, Edward P., assignor.)
Hoe, R., & Co. (See White, Bruce C., assignor.)
Hoe, R., and Co. (See Zuckerman, Adolph M., assignor.)
Hoecke, David, Greenwich, Conn. Leaf turner. 1,451,614; Apr. 10.
Hoecker, Albert C., Collinsville, Ill., assignor, by mesne assignments, to G. Forney. Combined contractor and expander for automobile tire rims. 1,465,305; Aug. 21.
Hoefftcke, Carel A., London, England. Splint. 1,445,437; Feb. 13.
Hoeft, August E., Brooklyn, N. Y. Band for film reels. 1,468,636; Sept. 25.
Hoehn, Edward A., assignor to The Dayton Hardware Specialty Company, Dayton, Ohio. Residence mail box. 1,465,218; Aug. 14.
Hoener, Frederick, assignor to W. Modra, St. Louis, Mo. Supporting bracket for automobile visors. 1,451,695; Apr. 17.
Hoener, Samuel T., Slater, Mo. Driving and steering mechanism for cultivators. 1,471,397; Oct. 23.
Hoenscheid, Peter J., assignor to American Twist Drill Company, Detroit, Mich. Machine for hot-rolling twist drills. 1,443,953; Feb. 6.
Hoerr, Louis A., St. Louis, Mo. Car door. 1,458,413; June 12.
Hoeschen, Henry A., assignor of one-half to Baker Ice Machine Company, Omaha, Nebr. Thermostatic switch. 1,470,079; Oct. 9.
Hoeschen, Henry A., assignor of one-half to Baker Ice Machine Company, Omaha, Nebr. Thermostat attachment. 1,477,350; Dec. 11.
Hoey, Samuel C., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Coil support. 1,448,403; Mar. 13.
Hoey, Samuel C., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Composite plate and making the same. 1,477,351; Dec. 11.
Hofer, Hans F., Nagoya, Japan. Wasteless skein. 1,469,416; Oct. 2.
Hoff, Adam F., Binghamton, N. Y. Combined wind deflector and antiglare device. 1,474,034; Nov. 13.
Hoff, Carlton L., and G. G. Naugle, York, Pa., assignors to American Chain Company, Inc. Welding machine. 1,474,824; Nov. 20.
Hoff, Chester A. (See Steese, J. C., and Hoff.)
Hoff, Robert H. (See Forney, F., and Hoff.)
Hoff, Sigurd J., New York, N. Y. Keyhole guard. 1,457,702; June 5.
Hoff, Sigurd J., New York, N. Y. Dumb-waiter lock. 1,460,417; July 3.
Hoff, Sigurd J., New York, N. Y. Window lock. 1,461,147; July 10.
Hoff, Stephen C., Delavan, Ill. Tool for compressing valve springs. 1,465,905; Aug. 21.
Hoff, Tony, L. C. Shelton, and A. MacMillan, Butte, Mont. Riveting tool. 1,471,605; Oct. 23.
Hoffay, Joseph, New York, N. Y. Means for controlling entrance into and from passenger carriers. 1,442,431; Jan. 16.
Hoffheimer, Albert M. (See Kihm, Frank, assignor.)
Hoffman, Alexander C., Wheeling, W. Va. Locking device for tools. 1,476,446; Dec. 4.
Hoffman, Alfred, Kew Gardens, N. Y., assignor to Alco Deo Company, Washington, N. J. Making mesityl oxide, etc. 1,474,035; Nov. 13.
Hoffman & Billings Mfg. Company. (See Niedecken, Edward F., assignor.)
Hoffman, Birdie H., Huntington, W. Va. Book rest, 1,448,118; Mar. 13.
Hoffman, Carl, Allentown, Pa. Automobile signal. 1,478,857; Dec. 25.
Hoffman, Clarence O., assignor of one-half to L. Schulman, Detroit, Mich. Window-cleaning device. 1,451,221; Apr. 10.
Hoffman, Edward, Logan, Utah. Mortise lock. 1,466,298; Aug. 28.
Hoffman, Edmund, Brooklyn, N. Y. Closure for receptacles. 1,459,588; June 19.
Hoffman, Edmund, Brooklyn, N. Y. Closure for receptacles. 1,459,589; June 19.
Hoffman, Frederick C., assignor to Hoffman & Haynes Company, Hartford, Conn. Mop head. 1,465,436; Aug. 21.
Hoffman, George A., Ness City, assignor of one-half to W. J. Harder, Arnold, Kans. Attachment to thrashing machines. 1,478,960; Dec. 25.
Hoffman, Glenn R., assignor, by mesne assignments, to Parks & Bohne, Inc., St. Louis, Mo. Transmission or brake band. 1,468,811; Sept. 25.
Hoffman, Hattie, New York, N. Y. Bobbed-hair holder and roll. 1,474,474; Nov. 20.
Hoffman & Haynes Company. (See Hoffman, Frederick C., assignor.)
Hoffman, Henry R., Chicago, Ill. Automatic gear shift and speed control. 1,475,265; Nov. 27.
Hoffman, John, Sheboygan, Wis. Brick-cleaning machine. 1,465,132; Aug. 14.
Hoffman, John C., et al. (See Smith, Luther E., assignor.)
Hoffman, Joseph, Philadelphia, Pa. Steering stabilizing device. 1,457,975; June 5.
Hoffman, Keva, Chicago, Ill. Combination faucet. 1,478,227; Dec. 18.
Hoffman, Leon F., Franklin, Pa., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Vacuum pump and method of operating same. 1,444,121; Feb. 6.
Hoffman, Leon, F., Franklin, Pa., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Starting unloader for air compressors. 1,444,122; Feb. 6.
Hoffman, Leon F., Franklin, Pa., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Electrothermal ignition device. 1,453,461; May 1.
Hoffman, Leon F., Franklin, Pa., assignor to Chicago Pneumatic Tool Co., New York, N. Y. Valve for air pumps and means for actuating same. 1,475,826; Nov. 27.
Hoffman, Leonard E. (See Martin, C. W., and Hoffman.)
Hoffman, Loran L., Milwaukee, Wis. Metallic signal for locomotives. 1,456,777; May 29.
Hoffman, Morris J., Chicago, Ill. Production-recording device. 1,455,530; May 15.
Hoffman, Morris J., Chicago, Ill. Printing device. 1,455,588; May 15.
Hoffman, Orville, Modoc, Ill. Thrashing-machine attachment. 1,456,441; May 22.
Hoffman, Otto N., Syracuse, N. Y. Article-slicing device. 1,472,219; Oct. 30.
Hoffman, Paul, assignor to The Ajax Forge Company, Chicago, Ill. Articulated railway crossing. 1,443,411; Jan. 30.
Hoffman, Peter L., assignor to Richards-Wilcox Manufacturing Company, Aurora, Ill. Overhead trolley. 1,446,463; Feb. 27.
Hoffman, Philip M. (See Kemper, J. H., Hoffman, and Teetor.)
Hoffman, Reuben F., Hamilton, Ohio. Radiator cover. 1,472,650; Oct. 30.
Hoffman, Rudolph, Kankakee, assignor to Sears, Roebuck and Co., Chicago, Ill. Oil burner. 1,446,089; Feb. 20.
Hoffman, Rudolph, Kankakee, assignor to Sears, Roebuck and Co., Chicago, Ill. Oil burner. 1,446,090; Feb. 20.
Hoffman, Rudolph, Kankakee, assignor to Sears, Roebuck and Company, Chicago, Ill. Oil-stove chimney and drum. 1,447,662; Mar. 6.
Hoffman, Rudolph, Kankakee, assignor to Sears, Roebuck and Co., Chicago, Ill. Wickless-burner oil stove. 1,447,663; Mar. 6.
Hoffman, Rudolph, Kankakee, assignor to Sears, Roebuck and Co., Chicago, Ill. Wick-straightening means for oil heaters. 1,448,067; Mar. 13.
Hoffman, Rudolph, Kankakee, assignor to Sears, Roebuck and Co., Chicago, Ill. Wick straightener for oil heaters. 1,448,068; Mar. 13.
Hoffman, Rudolph, Kankakee, assignor to Sears, Roebuck and Co., Chicago, Ill. Stove frame. 1,449,404; Mar. 27.
Hoffman, Rudolph, Kankakee, assignor to Sears, Roebuck and Co., Chicago, Ill. Portable oil heater. 1,451,910; Apr. 17.
Hoffman, Rudolph, Kankakee, assignor to Sears, Roebuck and Co., Chicago, Ill. Stove construction. 1,453,710; May 1.
Hoffman, Rudolph, Kankakee, assignor to Sears, Roebuck and Co., Chicago, Ill. Combined hot plate and laundry stove. 1,460,129; June 26.
Hoffman, Rudolph, Kankakee, assignor to Sears, Roebuck and Co., Chicago, Ill. Sheet-metal reservoir and making the same. 1,462,640; July 24.

Hoffman, Rudolph, Kankakee, assignor to Sears, Roebuck and Co., Chicago, Ill. Oil stove. 1,468,783; Sept. 25.
Hoffman, Rudolph, Kankakee, assignor to Sears, Roebuck and Co., Chicago, Ill. Oil stove. 1,469,789; Oct. 9.
Hoffman, Rudolph, Kankakee, assignor to Sears, Roebuck and Co., Chicago, Ill. Oil stove. 1,470,738; Oct. 16.
Hoffman, Rudolph, Kankakee, assignor to Sears, Roebuck and Co., Chicago, Ill. Stove leg. 1,472,418; Oct. 30.
Hoffman, Rudolph, Kankakee, assignor to Sears, Roebuck and Co., Chicago, Ill. Portable oven. 1,472,836; Nov. 6.
Hoffman, Rudolph, Kankakee, assignor to Sears, Roebuck and Co., Chicago, Ill. Kitchen cabinet. 1,473,703; Nov. 13.
Hoffman, Rudolph, Kankakee, assignor to Sears, Roebuck and Co., Chicago, Ill. Cook stove. 1,473,704; Nov. 13.
Hoffman, Rudolph, Kankakee, assignor to Sears, Roebuck and Co., Chicago, Ill. Oil stove. 1,473,819; Nov. 13.
Hoffman, Samuel O., San Francisco, Calif. Circuit-controlling device. 1,445,951; Feb. 20.
Hoffman Specialty Company. (See Haynes, Charles V., assignor.)
Hoffman, William L. (See Garrett, A. O., Funnell, and Hoffman.)
Hoffman, William M., Buffalo, N. Y., assignor, by mesne assignments, to Oil Fuel Engineering Corporation. Fuel-oil burner. 1,448,802; Mar. 20.
Hoffman, William M., Buffalo, N. Y., assignor, by mesne assignments, to Oil Fuel Engineering Corporation. Fuel-oil burner. 1,460,719; July 3.
Hoffman, William M., Buffalo, N. Y., assignor, by mesne assignments, to Oil Fuel Engineering Corporation. Method and apparatus for burning hydrocarbons. 1,468,021; Sept. 18.
Hoffmann, Genevieve B. (See Hoffmann, Harry G. and G. B.)
Hoffmann, Harry G. and G. B., Oakland, Calif. Hair waver. 1,454,281; May 8.
Hoffmann-La Roche Chemical Works, The. (See Preiswerk, Ernst, assignor.)
Hoffmann, Paul W., New York, N. Y. Therapeutic vibrator. 1,455,291; May 15.
Hoffmann, Richard A., Rosebank, N. Y. Turnbuckle lock. 1,467,319; Sept. 11.
Hoffmann, Richard A., Rosebank, N. Y. Turnbuckle lock. 1,473,677; Nov. 13.
Hoffmaster, Warren C., Akron, Ohio. Safety pin. 1,466,226; Aug. 28.
Hoffner, Frank, Nanticoke, Pa. Flying machine. 1,446,797; Feb. 27.
Hoffstaedter, Hugo, New York, N. Y. Automobile tire. Des. 63,645; Dec. 25.
Hoffstetter, Carl H., assignor to Odin Stove Manufacturing Company, Erie, Pa. Stove. 1,451,071; Apr. 10.
Hoffstetter, Carl H., assignor to Odin Stove Manufacturing Company, Erie, Pa. Burner. 1,451,072; Apr. 10.
Hofft, M. A., Company, The, (See Hofft, Maurice A., assignor.)
Hofft, Maurice A., assignor to The M. A. Hofft Company, Indianapolis, Ind. Furnace arch and block. 1,447,780; Mar. 6.
Hofinger, Florent, Brussels, Belgium. Manufacturing flutes. 1,455,440; May 15.
Hofmann, Adolph W. (See Stearns, A. L., and Hofmann.)
Hofmann, Carl F., et al. (See Cumfer, H., and McFarland, assignors.)
Hofmann, Carl J., New York, assignor of one-half to E. M. Heckscher, Belle Harbor, N. Y. Phonograph. 1,455,913; May 22.
Hofmann, George W., Chicago, Ill. Liquid-fuel burner. 1,460,130; June 26.
Hofmann, John, Berkeley, Calif. Toy. 1,447,618; Mar. 6.
Hofmann, Josef, Baumaroche, assignor to Alfred Joel & Co., Zurich, Switzerland. Shock absorber. 1,444,248; Feb. 6.
Hofschneider, Frederic J., Rochester, N. Y. Device for dental use. 1,466,299; Aug. 28.
Hofstatter, William J., assignor of one-half to H. E. Resener, Toledo, Ohio. Composition shingle. 1,470,837; Oct. 16.
Hofstetter, Robert, assignor to Illinois Tool Works, Chicago, Ill. System of air control. 1,441,088; Jan. 2.
Hogan, Ada, Brooklyn, assignor, by mesne assignments, to C. W. Armbrust, Albany, N. Y. Device for condensing the moisture in the breath. 1,468,298; Sept. 18.
Hogan, George P., Chicago, Ill. Heel plate. 1,449,602; Mar. 27.
Hogan, Jay J., assignor to Hogan-Spencer-Whitley Company, Erie, Pa. Pipe and fitting joint. 1,442,724; Jan. 16.
Hogan, John J., Plainfield, N. J. Internal-combustion engine. 1,444,378; Feb. 6.
Hogan, John J., St. Louis, Mo. Leg-rest attachment for chairs. 1,446,043; Feb. 20.
Hogan, Michael J., Chicago, Ill. Interchangeable-character construction. 1,462,547; July 24.
Hogan, Philip, St. Louis, Mo. Seam anchor. 1,474,835; Nov. 20.
Hogan-Spencer-Whitley Company. (See Hogan, Jay J., assignor.)
Hogan, Thomas Q. (See Reid, James H., assignor.)
Höganäs Billesholms Aktiebolag. (See Sieurin, Sven E., assignor.)
Hogarty, Leo J., Brooklyn, N. Y. Combined depth and height gauge. 1,464,428; Aug. 7.
Hogarty, Leo J., Brooklyn, N. Y. Securing device. 1,475,827; Nov. 27.
Hoge, Daniel W., assignor, by mesne assignments, to Bash Oil and Refining Company, Chicago, Ill. Treating petroleum. 1,474,475; Nov. 20.
Hoge, Daniel W., assignor to Bash Oil and Refining Company, Chicago, Ill. Treating petroleum vapor. 1,474,476; Nov. 20.
Hoge, Edward C., Cincinnati, Ohio. Roof and floor construction. 1,464,711; Aug. 14.
Hoge Manufacturing Company, The. (See Saunders, William M., assignor.)
Hogenson, William, assignor to Chicago Vitreous Enamel Product Company, Chicago, Ill. Charging apparatus for enameling furnaces. 1,468,944; Sept. 25.
Hogenson, William, Chicago, assignor to Chicago Vitreous Enamel Product Company, Cicero, Ill. Charging fork for enameling furnaces. 1,471,028; Oct. 16.
Hogg, John S., and H. Lane, Wednesfield, England. Clip for pipes or tubes. 1,468,297; Sept. 18.
Hoglund, Carl H., Duluth, Minn. Concrete-block-molding machine. 1,454,642; May 8.
Hogue, Charles L., Oakland, Calif. Hook for eyeglass chains. 1,470,264; Oct. 9.
Hogue, William J., Kansas City, Mo., assignor to Petroleum Recovery Corporation, New York, N. Y. Well reamer. 1,467,480; Sept. 11.
Hohlfeld Mfg. Co. (See Knight, Ellwood T., assignor.)
Hohman, Charles J., sr., Elmhurst, Ill. Guide rail. 1,463,319; July 31.
Hohmann, Charles, Jersey City, N. J. Measuring triangle. 1,470,530; Oct. 9.
Hohmann, Hugo, Kopenick, near Berlin, Germany. Sealing-wax candle. 1,462,601; July 24.
Höhn, Wilhelm, Stuttgart, Germany. Stapling device. 1,463,890; Aug. 7.
Hohnbach, Robert, Chicago, Ill. Valve-facing tool 1,469,935; Oct. 9.
Hoitomt, Hans C. (See Hedlund, M. R., Hoitomt, and Hedlund.)
Hoitsma, Peter, Paterson, N. J. Scaffold machine. 1,441,806; Jan. 9.
Hojnowski, Jakob, Nekoosa, Wis. Concrete railway tie. 1,445,438; Feb. 13.
Hokanson, Alexander, Burnside, assignor to The Carling Tool & Machine Company, Hartford, Conn. Brush. 1,460,850; July 3.
Hokanson, Helge, Washington, N. J. Time-controlled switch. 1,470,323; Oct. 9.
Hokanson, Martin, Duluth, Minn. Separating granular solid material. 1,449,603; Mar. 27.
Hokanson, Martin, Duluth, Minn. Apparatus for separating solid materials of different specific gravities. 1,449,604; Mar. 27.
Hokanson, Martin, Duluth, Minn. Apparatus for classifying granular materials. 1,470,531; Oct. 9.
Hokanson, Otto A., assignor to Woodstock Typewriter Company, Woodstock, Ill. Ribbon-spool holder for typewriters. 1,444,071; Feb. 6.
Hokanson, Otto A., assignor to Woodstock Typewriter Company, Woodstock, Ill. Keyboard screen for typewriters. 1,450,369; Apr. 3.
Hokanson, Otto A., assignor to Woodstock Typewriter Company, Woodstock, Ill. Variable line spacer for typewriters. 1,456,778; May 29.
Hokanson, Otto A., assignor to Woodstock Typewriter Company, Woodstock, Ill. Variable line spacer for typewriters. 1,456,779; May 29.
Hokanson, Otto A., assignor to Woodstock Typewriter Company, Woodstock, Ill. Ribbon spool for typewriters. 1,469,386; Oct. 2.
Hokanson, Otto A., assignor to Woodstock Typewriter Company, Woodstock, Ill. Control mechanism for typewriters. 1,473,705; Nov. 13.
Hokanson, Otto A., assignor to Woodstock Typewriteer Company, Woodstock, Ill. Line finder for typewriters. 1,478,474; Dec. 25.
Hoke, Jacob F., jr. (See Holcomb, J. I., and Hoke.)
Hoke, William E., St. Louis, Mo., assignor to Pratt & Whitney Company, New York, N. Y. Precision gauge. 1,449,118; Mar. 20.
Hoke, William E., St. Louis, Mo., assignor to Pratt & Whitney Company, New York, N. Y. Precision gauge. 1,472,837; Nov. 6.
Holadia, Thomas F., assignor of one-half to J. G. Brickhouse, Columbia, N. C. Fertilizer distributor. 1,466,398; Aug. 28.
Holbrook, Charles W., Providence, R. I. Buffer for pickers. 1,450,726; Apr. 3.
Holbrook, David M., Portland, Oreg. Automatic faucet. 1,473,097; Nov. 6.
Holbrook, Henry E. (See Gustafson, Arthur H., assignor.)
Holbrook, Henry E., Boston, Mass. Fuel-controlling means. 1,446,386; Feb. 20.

Holbrook, Henry E., Boston, Mass. Detachable-wheel mounting. 1,454,282; May 8.
Holbrook, Henry E., Boston, Mass. Hinge. 1,465,268; Aug. 21.
Holbrook, John K., New York, N. Y., and M. De Francisco, Jersey City Heights, assignors to D. S. Plumb, East Orange, N. J. Two-color photography. 1,451,774; Apr. 17.
Holbrook, Virgil A., Los Angeles, Calif. Fireplace. 1,442,473; Jan. 16.
Holcomb, Henry I., Centerville, S. Dak. Trolling spoon. 1,464,041; Aug. 7.
Holcomb & Hoke Mfg. Co. (See Booth, Earl C., assignor.)
Holcomb & Hoke Mfg. Co. (See Holcomb, J. I., and Hoke, assignors.)
Holcomb, James I., and J. F. Hoke, jr., assignors to Holcomb & Hoke Mfg. Co., Indianapolis, Ind. Pop-corn machine. 1,477,704; Dec. 18.
Holcomb, Mollie W., Erie, Pa. Hand shield. 1,464,529; Aug. 14.
Holcomb, Mollie W., Erie, Pa. Stocking protector. 1,464,530; Aug. 14.
Holcomb, William F., Clay Center, Nebr. Feeder for forage machines. 1,449,510; Mar. 27.
Holden, Crofton C. (See Hadley, E. P., and Holden.)
Holden, Edward H., Oldham, England. Device to facilitate the cleaning of tobacco pipes. 1,440,599; Jan. 2.
Holden, Frank, London, England. Electric machine. 1,465,081; Aug. 14.
Holden, Hulbert P., Springfield, Mass. Dust collector. 1,466,167; Aug. 28.
Holden, Joseph B., Syracuse, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,458,133; June 12.
Holden, Joseph B., Syracuse, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,461,419; July 10.
Holden, Joseph B., Syracuse, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,469,477; Oct. 2.
Holden, Sheridan F., Paterson, N. J. Motor-driven vehicle. 1,454,115; May 8.
Holder, Andrew T., San Francisco, Calif. Theft-preventive device. 1,456,272; May 22.
Holding, Charles, et al. (See Brasche, Ferdinand F., assignor.)
Holdinghausen, William A., Clovis, N. Mex. Engine. 1,469,836; Oct. 9.
Holdsworth, Fred D., Claremont, N. H., assignor to Sullivan Machinery Company. Controlling mechanism. 1,465,437; Aug. 21.
Holdsworth, Fred D., Claremont, N. H., assignor to Sullivan Machinery Company. Controlling mechanism. 1,473,601; Nov. 6.
Holdsworth, Fred D., Claremont, N. H., assignor to Sullivan Machinery Company. Controlling mechanism for compressors. 1,474,590; Nov. 20.
Hole, Charles C., Fremont, Nebr. Automatic train-stopping apparatus. 1,456,442; May 22.
Hole, Charles C., Fremont, Nebr. Track device for automatic train-stopping apparatus. 1,456,443; May 22.
Hole, Morris C., assignor of one-half to D. B. Willcuts, McKittrick, Calif. Pumping jack. 1,470,080; Oct. 9.
Holed Tite Egg Packing Corporation. (See Koppelman, Morris, assignor.)
Holed Tite Egg Packing Corporation. (See Mann, L., and Keppelman, assignors.)
Holick, Steven, Millsboro, Pa. Air valve for inner tubes. 1,456,444; May 22.
Holifield, Joseph A., Mobile, Ala., assignor to White Fuel Oil Engineering Corporation, New York, N. Y. Self-regulating motor-generator set for arc welding. 1,468,154; Sept. 18.
Holifield, Joseph A., Mobile, Ala., assignor to White Fuel Oil Engineering Corporation, New York, N. Y. Self-regulating arc-current generator. 1,468,155; Sept. 18.
Holifield, Joseph A., Mobile, Ala., assignor to White Fuel Oil Engineering Corporation, New York, N. Y. Arc-welding apparatus. 1,468,156; Sept. 18.
Holifield, Joseph A., Mobile, Ala., assignor to White Fuel Oil Engineering Corporation, New York, N. Y. Inherently-regulated dynamotor. 1,468,157; Sept. 18.
Holifield, Joseph A., Mobile, Ala., assignor to White Fuel Oil Engineering Corporation, New York, N. Y. Arc welding apparatus. 1,468,158; Sept. 18.
Holifield, Joseph A., Mobile, Ala., assignor to White Fuel Oil Engineering Corporation, New York, N. Y. Constant-current dynamotor for individual arc circuits. 1,468,159; Sept. 18.
Holinger, Emil F. (See Kellogg, M. W., and Holinger.)
Holkenbrink, Henry F., Portland, Oreg. Service switch box. 1,467,109; Sept. 4.
Holland, C. F., et al. (See Harris, Romaine R., assignor.)
Holland, Charles J., Patterson, Idaho. Knife sharpener. 1,477,488; Dec. 11.
Holland, Christopher E., Denver, Colo. Flexible sliding door. 1,448,218; Mar. 13.
Holland, Clifton B., Nashville, Tenn. Coffee cartridge. 1,454,739; May 8.
Holland, Dudley, Duluth, Minn. Chest and container. 1,470,166; Oct. 9
Holland, Ezekiel H., Byron, Ga. Vending machine. 1,446,010; Feb. 20.
Holland, Frank F., Corpus Christi, Tex. Hemstitching attachment for sewing machines. 1,469,936; Oct. 9.
Holland Furnace Company. (See Nystrom, Oscar P., assignor.)
Holland, Henry T., Winfield, N. Y. Comb. 1,451,260; Apr. 10.
Holland, Ignatious G., and G. A. Broughton, Norfolk, Va. Automobile signal. 1,472,718; Oct. 30.
Holland, Joseph L., Shepparton, Victoria, Australia. Grading machine principally for fruit. 1,471,128; Oct. 16.
Holland, Kirk D., Chicago, Ill. Device for compressing piston rings. 1,444,072; Feb. 6.
Holland-Letz, Lud, Oak Park, Ill., assignor, by mesne assignments, to International Harvester Company. Buckle slat for conveyers. 1,446,119; Feb. 20.
Holland-Letz, Ludwig, Oak Park, Ill. Adjusting mechanism adapted for line control. 1,461,420; July 10
Holland, Newman H., assignor to New Jersey Patent Company, West Orange, N. J. Phonograph recorder. 1,465,764; Aug. 21.
Holland Rod Manufacturing Company. (See Mull, Raymond A., assignor.)
Holland, Samuel O., Salisbury, assignor of one-half to B. L. Umberger, Concord, N. C. Collapsible-rim tool. 1,449,405; Mar. 27.
Holland, Walter, assignor to The Dollar Trust, Washington, D. C. Vacuum holding or lifting device. 1,444,186; Feb. 6.
Holland, Walter E., assignor to Philadelphia Storage Battery Company, Philadelphia, Pa. Protective covering for battery cases. 1,447,782; Mar. 6.
Holland, Walter E., and J. M. Skinner, assignors to Philadelphia Storage Battery Company, Philadelphia, Pa. Making storage-battery grids. 1,447,781; Mar. 6.
Holland, Walter E., Philadelphia, and L. J. Pearson, Wyncote, assignors to Philadelphia Storage Battery Company, Philadelphia, Pa. Storage-battery cell. 1,447,783; Mar. 6.
Hollander, Herman C., Vicksburg, Miss. Index holder and recapitulating frame. 1,449,045; Mar. 20.
Hollander, Louis. (See Harris, F. R., and Hollander.)
Hollander, Marcus, Brooklyn, N. Y. Aerial navigating apparatus. 1,454,283; May 8.
Hollander, Marcus, Brooklyn, N. Y. Air propeller. 1,466,901; Sept. 4.
Hollberg, Leo C., et al. (See Smith, David K., assignor.)
Holle, Albert J., Rushford, Minn. Motor-vehicle tilting apparatus. 1,456,593; May 29.
Holle, Alexander A., Paddington, London, England. Motor road vehicle. 1,476,447; Dec. 4.
Hollenbeck, Oscar D., assignor to Racine Horseshoe Tire Company, Racine, Wis. Vehicle tire tread. Des. 63,259; Nov. 13.
Hollenbeck, Oscar D., assignor to The Racine Horseshoe Tire Company, Racine, Wis. Resilient tire. Des. 63,646; Dec. 25.
Hollenbeck, Paul V., New York, N. Y., assignor to International Paper Company. Mechanism for measuring the cubic contents of bodies. 1,453,111; Apr. 24.
Hollenbeck, Paul V., New York, N. Y., assignor to International Paper Company. Mechanism for measuring cubic contents of bodies. 1,453,112; Apr. 24.
Hollenbeck, Royal B., and H. Roe, Flint, Mich. Upholstery-securing device. 1,473,098; Nov. 6.
Holler, Ralph H. A., Drayton, N. Dak. Potato cutter. 1,474,717; Nov. 20.
Holleran, Charles P., Chicago, Ill. Combined blast and suction sweeper. 1,463,583; July 31.
Holley, Clarence M., assignor to Utility Compressor Company, Detroit, Mich. Artificial refrigerating unit. 1,463,999; Aug. 7.
Holley, Earl. (See Dostal, Joseph L., assignor.)
Holley, Earl. (See Meloche, Daniel H., assignor.)
Holley, George M. (See Udale, Stanley M., assignor.)
Holley, Thomas W., Ranger, Tex. Pedestal for sand-reel shafts. 1,440,600; Jan. 2.
Holliday, Custer B., Charleston, W. Va. Socket. 1,453,138; Apr. 24.
Holliday, David, St. Paul, Minn. Clothesline hitch. 1,445,683; Feb. 20.
Holliday, John S., New York, N. Y., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 1,455,761; May 15.
Holliday, Peter A., assignor to Belliss and Morcom Limited, Edgbaston, Birmingham, Warwick, England. Internal-combustion engine. 1,471,847; Oct. 23.
Holliday, Thomas P., Savannah, Ga. Fixture for advertising signs. 1,448,299; Mar. 13.
Holling, Lewis C., St. Louis, Mo. Automobile cover or garage. 1,472,651; Oct. 30.
Hollingdrake, Henry, Stockport, England. Time computer. 1,468,862; Sept. 25.
Hollingdrake, Henry, and T. Lee, Stockport, England. In-motion recorder for vehicles. 1,445,214; Feb. 13.
Hollinger, Gordon, St Jacobs, Canada. Thrashing-machine attachment. 1,465,438; Aug. 21.
Hollingshead, Arthur G., assignor to The Okadee Company, Chicago, Ill. Locomotive-boiler front-end support. 1,448,444; Mar. 13.

Hollingsworth, Jeptha G., assignor of one-half to L. Sells, Kansas City, Mo. Cigarette holder and ejector. 1,447,664; Mar. 6.

Hollins, Willis C., and F. P. Arrousez, assignors, by mesne assignments, to Rosenburg & Co., Los Angeles, Calif. Cut-out box. 1,446,622; Feb. 27.

Hollis, Otis A., Knoxville Borough, Pa. Ventilator. 1,443,263; Jan. 23.

Hollister, William C., et al. (See Steuart, Gordon R., assignor.)

Hollister, Willoughby F., Cowen, W. Va. Fishing rod. 1,458,057; June 5.

Hollmeyer, Richmond J. (See Steidle, F. X., and Hollmeyer.)

Hollnagel, Theodore C., Milwaukee, Wis. Dumping vehicle. 1,464,935; Aug. 14.

Hollopeter, Orville C. (See Laise, C. A., and Hollopeter.)

Holloway, Frank P., assignor to Fair Foundry Co., Knoxville, Tenn. Stove. 1,457,660; June 5.

Holloway, Le Roy P., assignor to The Biggs Boiler Works Company, Akron, Ohio. Retort door. 1,465,906; Aug. 21.

Holloway, Le Roy P., assignor to The American Rubber & Tire Co., Akron, Ohio. Tire tread. Des. 62,952; Aug. 28.

Holloway, Louisa, Pittsburgh, Pa. Cord retriever. 1,448,300; Mar. 13.

Holloway, William W., Wheeling, W. Va., and H. Kielberg, Martins Ferry, Ohio, assignors to Whitaker-Glessner Company, Wheeling, W. Va. Radiant gas heater. Des. 62,059; Mar. 13.

Holloway, William W., Wheeling, W. Va., and H. Kielberg, Martins Ferry, Ohio, assignors to Whitaker-Glessner, Wheeling, W. Va. Radiant gas heater. 1,455,051; May 15.

Holloway, William W., Wheeling, W. Va., and H. Kielberg, Martins Ferry, Ohio, assignors to Whitaker-Glessner Company, Wheeling, W. Va. Radiant support and holder for gas heaters. 1,455,052; May 15.

Holloway, William W., Wheeling, W. Va., and H. Kielberg, Martins Ferry, Ohio, assignors to Whitaker-Glessner Company, Wheeling, W. Va. Substructure for stoves. 1,455,053; May 15.

Hollup, Charles H., Milwaukee, Wis., assignor to International Welding Engineering Corporation, Chicago, Ill. Welding process and means. 1,466,587; Aug. 28.

Holly, Carlos, Lockport, assignor to F. N. Burt Company, Limited, Buffalo, N. Y. Making boxes and elements thereof. 1,450,681; Apr. 3.

Holm, Jens S., Cedar Falls, Iowa. Computer. 1,476,514; Dec. 4.

Holman, Arthur J., Boston, Mass., assignor to Motion Picture Improvement Company. Lens-adjusting means. 1,453,462; May 1.

Holman, Daniel F., Farmersville, Ohio. Conduit-protection means. 1,466,718; Sept. 4.

Holman, Harry T., Summerside, Prince Edward Island, Canada. Fox pen. 1,462,107; July 17.

Holman, Robert C., assignor to The Hooven, Owens, Rentschler Company, Hamilton, Ohio. Valve. 1,444,790; Feb. 13.

Holman, William E., et al., trustees. (See Lloyd, Marshall B., assignor.)

Holman, William H. (See Field, E. H., and Holman.)

Holman, William W., Washington, D. C. Identification hatband. 1,478,961; Dec. 25.

Holmberg, John A., Lindsborg, Kans. Check valve. 1,453,978; May 1.

Holmberg, Theodore A., Stamford, Conn. Heating system. 1,472,757; Oct. 30.

Holmdahl, Charles, Kellogg, Iowa. Combination pump jack and speed-reducing mechanism. 1,471,606; Oct. 23.

Holmes, Alfred E., assignor to W. H. Plunkett, Chicago, Ill. Liquid dispenser. 1,454,284; May 8.

Holmes, Allan T., Philadelphia, Pa. Sheet-metal construction. 1,475,387; Nov. 27.

Holmes, Arthur E., Timaru, New Zealand. Concrete-wall boxing. 1,478,653; Dec. 25.

Holmes, Arthur S., Oshkosh, Wis. Workholding attachment for milling machines. 1,470,265; Oct. 9.

Holmes, Bradford B., U. S. Army. Spring wheel. 1,463,135; July 24.

Holmes, Bradford B., New York, N. Y., assignor to J. W. Weeks, Secretary of War of the United States of America, trustee. Leather gasket. 1,461,902; July 17.

Holmes, Carlton W., Long Beach, assignor of one-half to Z. S. Skinner, Los Angeles, Calif. Finger ring. 1,460,798; July 3.

Holmes, Chandler F. (See Hoyt, F., and Holmes.)

Holmes, Edgar R., Detroit, Mich., assignor to Hamlin-Holmes Motor Company. Motor vehicle. 1,450,292; Apr. 3.

Holmes, Edward. (See Lightner, A. D., and Holmes.)

Holmes, Elbridge R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Dobby lever. 1,451,828; Apr. 17.

Holmes, Elbridge R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Warp stop motion. 1,462,548; July 24.

Holmes, Elbridge R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Narrow-ware loom. 1,462,549; July 24.

Holmes, Elbridge R., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Spool-tension device. 1,477,958; Dec. 18.

Holmes Electric Protective Company. (See Roe, William C., assignor.)

Holmes, Eugene, Manchester, England. Combing machine. 1,478,609; Dec. 25.

Holmes, Frank H., Chicago, Ill. Neckwear. 1,473,099; Nov. 6.

Holmes, Garnet B., Los Angeles, assignor of one-half to P. M. Grant, Venice, Calif. Automobile hood rest. 1,459,370; June 19.

Holmes, George E., Salt Lake City, Utah. Oil-shale retort. 1,451,575; Apr. 10.

Holmes, Harry A., Aurelia, Iowa. Punching machine. 1,475,828; Nov. 27.

Holmes, Harry N., Oberlin, Ohio. Removal of scale and rust from iron and steel. 1,470,225; Oct. 9.

Holmes, Henry S. (See Murray, T. E., jr., and Holmes.)

Holmes, Henry S., New York, assignor to T. E. Murray, Brooklyn, N. Y. Uniting metal parts. 1,467,792; Sept. 11.

Holmes, James T. (See Jones, B., and Holmes.)

Holmes, Lawrence, Los Angeles, Calif. Adjustable power earth auger. 1,470,838; Oct. 16.

Holmes, Levi, Raynham, Mass. Mold for rubber heels. 1,451,510; Apr. 10.

Holmes, Lora E., Moultrie, Ga. Convertible furniture. 1,452,117; Apr. 17.

Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Reeling mechanism. 1,449,181; Mar. 20.

Holmes, Morris P., Claremont, N. H., assignor, by mesne assignments, to The Jeffery Manufacturing Company, Columbus, Ohio. Reel. 1,454,017; May 1.

Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 1,470,570; Oct. 9.

Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 1,470,571; Oct. 9.

Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 1,470,572; Oct. 9.

Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 1,470,573; Oct. 9.

Holmes, Nellie I., administratrix. (See Holmes, Roy B.)

Holmes, Oscar J. (See Larsen, L. B., and Holmes.)

Holmes, Oscar J., Tulsa, Okla. Apparatus for automatically extinguishing fires in oil tanks and other structures. 1,455,789; May 22.

Holmes, Roy B., deceased, Los Angeles, Calif.; N. I. Holmes, administratrix, assignor, by mesne assignments, to A. W. Saline. Flexible coupling. 1,460,337; June 26.

Holmes, Roy B., deceased, Los Angeles, Calif.; N. I. Holmes, administratrix, assignor, by mesne assignments, to A. W. Saline. Flexible joint. 1,460,338; June 26.

Holmes, Rudolph A., Detroit, Mich., assignor to Morgan & Wright. Stitcher mechanism for tire-making machine. 1,465,552; Aug. 21.

Holmes, Thomas J., Chicago, Ill. Golf club. 1,453,503; May 1.

Holmes, Thomas J., Chicago, Ill. Journal lubricator. 1,470,739; Oct. 16.

Holmes, Warren S., Lansing, Mich. Building construction. 1,468,812; Sept. 25.

Holmes, Wayne M. (See Yeager, L. R., and Holmes.)

Holmes, William H., Columbus, Ohio. Hood hook for motor vehicles. 1,466,528; Aug. 28.

Holmes, William H., Mount Vernon, N. Y. Filing system 1,472,020; Oct. 23.

Holmested, Francis K., Charleston, W. Va. Coal cutting and loading machine. 1,478,280; Dec. 18.

Holmested, Francis K., Charleston, W. Va. Coal cutting and loading machine. 1,478,281; Dec. 18.

Holmgreen, Julius H., San Antonio, Tex. Bending machine. 1,465,733; Aug. 21.

Holmgren, Eric A., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping uppers over lasts. 1,453,274; May 1.

Holmquist, August. (See Bjorklund, W. A., and Holmquist.)

Holmquist, August, Hoopeston, assignor to Sprague Canning Machinery Company, Chicago, Ill. Pulping machine. 1,443,535; Jan. 30.

Holmquist, August, Hoopeston, assignor to Sprague Canning Machinery Company, Chicago, Ill. Heating coil. 1,443,536; Jan. 30.

Holmquist, August, Hoopeston, assignor to Sprague Canning Machinery Company, Chicago, Ill. Filling machine. 1,453,840; May 1.

Holmquist, August, sr., Hoopeston, assignor to Sprague Canning Machinery Company, Chicago, Ill. Can-filling machine. 1,458,903; June 12.

Holmquist, John A., Woodlawn, Pa. Reel carrier. 1,473,678; Nov. 13.

Holmquist, John T., Chicago, Ill. Accelerator for automobile engines. 1,454,512; May 8.
Holmström, Axel, Stockholm, Sweden. Etching machine. 1,466,096; Aug. 28.
Holophane Glass Company. (See Dorey, William A., assignor.)
Holran, John R., Lakewood, Ohio. Explosive charge. 1,440,601; Jan. 2.
Holsen, Joseph J., Manitowoc, Wis. Combination tool. 1,453,979; May 1.
Holslag, Claude J., South Orange, assignor to Electric Arc Cutting & Welding Company, Newark, N. J. Electrode for electric-arc cutting or reducing. 1,451,392; Apr. 10.
Holslag, Claude J., South Orange, assignor to Electric Arc Cutting & Welding Company, Newark, N. J. Welding electrode. 1,478,738; Dec. 25.
Holstad, Gilbert O., Ridgeway, Iowa. Transmission. 1,473,555; Nov. 6.
Holstead, John W. (See Patrick, I., and Holstead.)
Holstein, John V. (See Mixter, G. W., and Holstein.)
Holstein, Otto, St. Paul, Minn. Device for cleaning fur articles. 1,473,431; Nov. 6.
Holstein, William, Chicago, Ill. Sash lock. 1,477,265; Dec. 11.
Holt, Charles A., jr., Galveston, Tex. Dumping body for vehicles. 1,445,215; Feb. 13.
Holt, Daniel S., Mittineague, Mass. Recording mechanism. 1,471,129; Oct. 16.
Holt, Frank A., Rochdale, and G. Kershaw, Whitworth, England. Creel and support for yarn. 1,465,359; Aug. 21.
Holt, Harold E. S., Farnborough, Hants, England. Parachute. 1,443,745; Jan. 30.
Holt, Harold E. S., Farnborough, England. Parachute apparatus. 1,470,610; Oct. 16.
Holt, Harris B., Dormont, assignor to Rosedale Foundry & Machine Company, Pittsburgh, Pa. Furnace grate. 1,476,337; Dec. 4.
Holt, Henry M., New York, N. Y. Automobile towing frame. 1,472,003; Oct. 23.
Holt, Joseph W., Brooklyn, assignor to Union Paper Company, New York, N. Y. Paper-can-capping machine. 1,464,654; Aug. 14.
Holt, Josephine L., Portland, Oreg. Bust confiner and reducer. 1,463,424; July 31.
Holt, Leddra W. (See Shivers, P. F., and Lindberg, assignors.)
Holt Manufacturing Company, The. (See Arthur, George T., assignor.)
Holt Manufacturing Company, The. (See Best, Clarence L., assignor.)
Holt Manufacturing Company, The. (See Cook, Frank, assignor.)
Holt Manufacturing Company, The. (See Holt, Pliny E., assignor.)
Holt Manufacturing Company, The. (See Norelius, Emil F., assignor.)
Holt Manufacturing Company, The. (See Stegeman, Henry J., assignor.)
Holt Manufacturing Company, The. (See Turnbull, William, assignor.)
Holt Manufacturing Company, The. (See Wickersham, Elmer E., assignor.)
Holt, Pliny E., assignor to The Holt Manufacturing Company, Stockton, Calif. Track link. 1,442,567; Jan. 16.
Holt, Pliny E., assignor to The Holt Manufacturing Company, Stockton, Calif. Spring equalizer. 1,442,568; Jan. 16.
Holt, Pliny E., assignor to The Holt Manufacturing Company, Stockton, Calif. Single-spring-yoke adjuster. 1,442,569; Jan. 16.
Holt, Pliny E., assignor to The Holt Manufacturing Company, Stockton, Calif. Detachable tractor unit for gun mounts. 1,442,570; Jan. 16.
Holt, Pliny E., assignor to The Holt Manufacturing Company, Stockton, Calif. Removable grouser for track links. 1,455,490; May 15.
Holt, Thomas W. (See Morrison, J. W., and Holt.)
Holt, Victor L., Portland, Oreg. Stump puller. 1,467,161; Sept. 4.
Holt, Victor L., Portland, Oreg. Saw attachment for tractors. 1,472,394; Oct. 30.
Holt, Walter E., Loris, S. C. Window sash. 1,472,002; Oct. 23.
Holtby, Wilkie H., Mangum, Okla. Tramper. 1,443,023; Jan. 23.
Holter, Kristian. (See Börresen, A. H., and Holter.)
Holtfoth, Joachim T., Highland Park, assignor to L. A. Young Industries, Incorporated, Detroit, Mich. Cushion-spring-assembling machine. 1,473,989; Nov. 13.
Holthoff, Henry C., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Roasting furnace. 1,450,900; Apr. 3.
Holton, Abner L., Big Stone Gap, Va. Lifting jack for motor vehicles. 1,461,353; July 10.
Holton, Abner T., High Point, N. C. Kitchen table. 1,463,701; July 31.
Holton, Birchard E., Los Angeles, Calif. Pressure-regulating valve. 1,462,937; July 24.
Holton, Birchard E., Los Angeles, Calif. Air brush. 1,474,324; Nov. 13.
Holton, Edward C. (See O'Boyle, M. J., and Holton.)
Holton, Frank, Chicago, Ill. Weed extractor. 1,466,168; Aug. 28.
Holtorp, Wilhelm, Hamburg, Germany. Bearing. 1,451,222; Apr. 10.
Holtorp, Wilhelm, Hamburg, Germany. Lubricating device for axle journals. 1,472,363; Oct. 30.
Holtvoigt, Henry B., Dayton, Ohio. Kite. 1,465,040; Aug. 14.
Holtz, Edward W. A., Evansville, Ind. Steering-wheel attachment. 1,446,304; Feb. 20.
Holtz, Frederick C., assignor to Sangama Electric Company, Springfield, Ill. Automatic switch. 1,476,013; Dec. 4.
Holtz, Gustav, Gouldsboro, Pa. Amalgam carrier and plugger. 1,469,004; Sept. 25.
Holtz, Gustav, and C. Gress, Gouldsboro, Pa. Self-centering ice chute and run. 1,450,887; Apr. 3.
Holtzer-Cabot Electric Company, The. (See Bickell, George H., assignor.)
Holtzer-Cabot Electric Company, The. (See Durbin, Vernon, assignor.)
Holtzer-Cabot Electric Company, The. (See Kennedy, Carlton L., assignor.)
Holvay, Susie T., Watts, Calif. Oven. 1,471,961; Oct. 23.
Holway, Arthur W., Los Angeles, Calif. Timer. 1,462,700; July 24.
Holway, Orlando G., Chippewa Falls,, Wis. Vehicle trunk rack. 1,452,639; Apr. 24.
Holworthy, Herbert F., Salop, England. Sparking plug for internal-combustion engines. 1,452,118; Apr. 17.
Holy, George H. F., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Weight-equalization device. 1,454,926; May 15.
Holy, George H. F., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Flexible gear. 1,460,131; June 26.
Holy, George H. F., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Driving connection for locomotives. 1,472,173; Oct. 30.
Holycross, Levva R., and R. W. Martin, Columbus, Ohio; said Martin assignor, by mesne assignments, to said Holycross. Toy balloon. 1,447,848; Mar. 6.
Holyoke Company, The. (See Marshall, William R., assignor.)
Holyoke Vacuum Sluice Company. (See Hickey, J., and Schwartz, assignors.)
Holywell, Harold S., Brooklyn, N. Y. Telephone pencil holder. 1,462,108; July 17
Holz, Henry C. F., Salt Lake City, Utah. Landing device. 1,461,660; July 10.
Holzhausen, Richard J., assignor to The Compo Manufacturing Company, West Port, Conn. Stapling machines. 1,441,683; Jan. 9.
Holzinger, John H., et al. (See Childs, George J., assignor.)
Holzmayer, Benedikt, assignor to Deutsche Luxfer Prismen Gesellschaft m. b. H., Berlin, Germany. Sign. 1,449,605; Mar. 27.
Homan, Fred D., and M. A. Rutenber, Kansas City, Mo. Kinetic power jack. 1,472,362; Oct. 30.
Homan, Fred J., Santa Ana, Calif. Collapsible core for concrete construction. 1,467,760; Sept. 11.
Homans, Thomas S., assignor to Intertype Corporation, Brooklyn, N. Y. Galley for typographical machines. 1,464,483; Aug. 7.
Home Comfort Heater Co., The. (See Kreutzer, Theodor E., assignor.)
Home Electric Lighting Company. (See Ferguson, Charles H., assignor.)
Homer, Joseph, Boston, Mass. Dental articulator or relator. 1,464,474; Aug. 7.
Homewood, Fred A., Glendo, Wyo. Wheel tightener. 1,466,097; Aug. 28.
Hommel, Charles L., Detroit, Mich. System for the generation and distribution of electrical energy. 1,448,219; Mar. 13.
Homrighous, John H., Oak Park, assignor to Automatic Electric Company, Chicago, Ill. Voice-current telephone repeater. 1,460,814; July 3.
Homrighous, Reber. (See Mayes, J., and Homrighous.)
Honabach, Clarence W., Glenlyon, Pa. Internal-combustion engine. 1,468,567; Sept. 18.
Honda, Yakichi, Fowler, Calif. Stop and turn signal. 1,455,001; May 15.
Hondoll, Percy G., Battersea, London, England. Cleaner for water-tube boilers. 1,450,957; Apr. 10.
Honeywell Heating Specialties Company. (See Edgecombe, Edward F., jr., assignor.)
Honold, Gottlob F., assignor to Honold Manufacturing Company, Sheboygan, Wis. Bathtub leg. 1,463,955; Aug. 7.
Honold Manufacturing Company. (See Honold, Gottlob F., assignor.)
Honsinger, Charles A., Detroit, Mich. Bank safety device. 1,460,584; July 3.
Honsinger, William E., Round Lake, N. Y. Poultry feeder. 1,450,175; Apr. 3.
Honstetter, Emil. (See Chinsky, H. H., and Honstetter.)
Hontos, James G., assignor to Safety Shoe Rest & Shoe Shining Company, Chicago, Ill. Foot rest. 1,449,752; Mar. 27.

Hood, Charles B., Beaumont, Tex. Harvester. 1,449,944; Mar. 27.
Hood, Ernest K., deceased, by H. H. Hood, administratrix, Indianapolis, Ind., assignor to American Slicing Machine Company, Chicago, Ill. Slicing machine. 1,467,791; Sept. 11.
Hood, George J., Lawrence, Kans. Drawing instrument. 1,461,421; July 10.
Hood, Harriet H., administratrix. (See Hood, Ernest K.)
Hood, John J., London, J. Clark, Hutton, and P. G. Clark, London, England. Decolorizing and purification of saccharine materials. 1,452,739; Apr. 24.
Hood, Noah J., Vance, Ala. Signal means. 1,460,324; June 26.
Hood Rubber Company. (See Fritch, Elue O., assignor.)
Hood Rubber Company. (See Glidden, Alfred A., assignor.)
Hood Rubber Company. (See La Fayette, T. E., Glidden, and Gaughan, assignors.)
Hood Rubber Company. (See Perrault, Joseph E., assignor.)
Hood Rubber Company. (See Roper, Charles H., assignor.)
Hoodwin, J. W., Company. (See Hoodwin, Joseph W., assignor.)
Hoodwin, Joseph W., Chicago, Ill. Crimping machine. 1,441,227; Jan. 9.
Hoodwin, Joseph W., assignor to J. W. Hoodwin Company, Chicago, Ill. Tray. 1,469,596; Oct. 2.
Hooe, Raymond M., Evansville, Ind. Lubricating system. 1,444,970; Feb. 13.
Hoofnagle, William T. (See Harris, W. T., Hamme, and Hoofnagle.)
Hoofnagle, William T., Glen Ridge, N. J. Protective device for electric flatirons. 1,447,134; Feb. 27.
Hoofnagle, William T., assignor to Comfo Electric Iron Company, Glen Ridge, N. J. Electric flatiron. 1,446,798; Feb. 27.
Hoogerhyde, John. (See Koon, A. J., Hoogerhyde, and Collins.)
Hook, C. Howard. (See Miller, Arnold W., assignor.)
Hook, Charles H. (See Francis, Albert W., assignor.)
Hook, Charles H., Pittsburgh, Pa. Snap-acting gas-control valve. 1,477,647; Dec. 18.
Hook, Henry C., Windsor, Vt., assignor, by mesne assignments, to Aluminum Manufactures, Incorporated, Cleveland, Ohio. Combined boring and milling machine. 1,440,602; Jan. 2.
Hook, Henry C., Windsor, Vt., assignor, by mesne assignments, to Aluminum Manufactures, Incorporated, Cleveland, Ohio. Profiling machine. 1,440,603; Jan. 2.
Hook, Henry C., Windsor, Vt., assignor, by mesne assignments, to Aluminum Manufactures, Incorporated, Cleveland, Ohio. Swaging apparatus. 1,458,294; June 12.
Hook, Henry C., Detroit, Mich., assignor, by mesne assignments, to Aluminum Manufacturers, Incorporated, Cleveland, Ohio. Broach. 1,441,502; Jan. 9.
Hook, Henry C., Detroit, Mich., assignor, by mesne assignments, to Aluminum Manufacturers, Incorporated, Cleveland, Ohio. Broaching tool. 1,441,503; Jan. 9.
Hook, James H., Corsicana, Tex., assignor to Draper Corporation, Hopedale, Mass. Drag roll for looms. 1,464,484; Aug. 7.
Hooker Electrochemical Company. (See Fink, G. J., and Giauque, assignors.)
Hooker Electrochemical Company. (See Rowland, Jasper M., assignor.)
Hooker Electrochemical Company. (See Townsend, Clinton P., assignor.)
Hooker, James E., Daytona Beach, assignor of one-half to J. A. Dekle, Jacksonville, Fla. Interlocked shingle. 1,442,614; Jan. 16.
Hookless Fastener Company. (See Sundback, Gideon, assignor.)
Hooks, Bentley R., Amarillo, Tex. Safety appliance for railway switches. 1,462,010; July 17.
Hooper, Charles L., Rochester, assignor to Vacuum Oil Company, New York, N. Y. Filling machine. 1,469,218; Oct. 2.
Hooper, Charles L., R. F. Sutherland, and A. W. Parkhouse, Rochester, assignors to Vacuum Oil Company, New York, N. Y. Coating machine. 1,463,362; July 31.
Hooper, F. X., Co., Inc. (See Fitchett, T. S., and Haase, assignors.)
Hooper, F. X., Company. (See Haase, J. I., and Metz, assignors.)
Hooper, Forest, Edmonton, Alberta, Canada. Wrench. 1,450,083; Mar. 27.
Hooper, Frank E., assignor to I. F. Hooper, Biddeford, Me. Snow shovel. 1,445,952; Feb. 20.
Hooper, Ida F. (See Hooper, Frank E., assignor.)
Hooper, James P., Ruxton, Md. Tension device. 1,442,432; Jan. 16.
Hooper, James P., Ruxton, Md. Fabric bag. 1,445,835; Feb. 20.
Hooper, James P., Ruxton, Md. Padding. 1,471,029; Oct. 16.
Hooper, James P., Manufacturing Company. (See Conley, A. D., and Stillwell, assignors.)
Hooper, Joseph C., Wrightsville Beach, N. C. Reel seat. 1,464,154; Aug. 7.
Hooper, Percy N., London, England. Spout. 1,456,445; May 22.
Hooper, Sabin, et al. (See Hammond, C., and Inman, assignors.)
Hoopes, Charles P. and F. P., and W. S. Steele, Toledo, Ohio. Spark plug. 1,478,654; Dec. 25.
Hoopes, Francis P. (See Hoopes, Charles P. and F. P., and Steele.)
Hoopes, Penrose R. (See Lorenz, W. A., and Hoopes.)
Hoopes, Samuel L., and A. A. Gietzelt, Fresno, Calif. Running-board apron guard. 1,461,903; July 17.
Hoops, Thomas, Middletown, Conn. Die. 1,441,228; Jan. 9.
Hooser, John W., Dallas, Tex. Well tool. 1,471,607; Oct. 23.
Hoosier Clutch Company. (See Wood, Clarence G., assignor.)
Hoosier Manufacturing Company. (See Hall, Harry A., assignor.)
Hooven, Owens, Rentschler Company, The. (See Holman, Robert C., assignor.)
Hooven, Owens, Rentschler Company, The. (See Mitchell, Guy C., assignor.)
Hoover, Austin W., and R. Winter, jr., Irwin, Pa. Tone arm. Des. 62,257; Apr. 24.
Hoover, Austin W., and R. Winter, jr., Irwin, Pa. Tone arm. Des. 62,258; Apr. 24.
Hoover, Benjamin J., Meridian, Miss. Tie plate and switch-point lock. 1,442,725; Jan. 16.
Hoover, Charles F., Venice, Ill., and O. L. Thomason, St. Louis, Mo.; said Thomason assignor to said Hoover. Dirigible headlight for vehicles. 1,459,891; June 26.
Hoover Company. (See Case, Francis, M., assignor.)
Hoover Company, The, et al. (See Clements, George, assignor.)
Hoover Company, The. (See Hoover, Herbert W., assignor.)
Hoover Company, The. (See Hoover, Howard E., assignor.)
Hoover Company, The. (See Owen, Ernest V., assignor.)
Hoover, David L., Huntsville, Ala. Advertising clock. 1,464,475; Aug. 7.
Hoover, Herbert W., New Berlin, assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,448,349; Mar. 13.
Hoover, Howard E., Chicago, Ill., assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,449,003; Mar. 20.
Hoover, Howard E., Chicago, Ill., assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,460,245; June 26.
Hoover, Howard E., Chicago, Ill., assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Suction sweeper. 1,462,574; July 24.
Hoover, Howard E., Chicago, Ill., assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Suction-cleaner attachment. 1,462,575; July 24.
Hoover, Howard E., Chicago, Ill., assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Suction-cleaner handle. 1,469,597; Oct. 2.
Hope, Alfred S., Chicago, Ill. Candle pointer. 1,451,163; Apr. 10.
Hope Construction and Refining Company, The. (See Reed, Charles C., assignor.)
Hope, Frederick T., assignor of one-sixth to P. Iseman, one-sixth to G. A. Meagher, and one-sixth to J. A. Caldwell, Seattle, Wash. Draft-controlling device. 1,465,475; Aug. 21.
Hope, John W., Pittsburgh, Pa. Clamp thumb tack. 1,472,471; Oct. 30.
Hope, Thomas B., Chicago, Ill. Stock-record and sales-accounting system. 1,476,819; Dec. 11.
Hope Webbing Company. (See Horton, Charles A., assignor.)
Hope, William H. (See Miller, Fredrick D., assignor.)
Hope, William H., Providence, R. I. Ruling machine. 1,461,002; July 3.
Hopedale Manufacturing Company. (See Draper, Clare H., assignor.)
Hopedale Manufacturing Company. (See Ledoux, Victor, assignor.)
Hopedale Manufacturing Company. (See Northrop, James, assignor.)
Hopedale Manufacturing Company. (See Northrop, Jonas, assignor.)
Hopedale Manufacturing Company. (See Northrop, J., Kilburn, Pessotti, and Tucker, assignors.)
Hopedale Manufacturing Company. (See Snow, Isaac, assignor.)
Hopedale Manufacturing Company. (See Spencer, Moses, assignor.)
Hopedale Manufacturing Company. (See Tucker, Charles N.)
Hopewell Insulation & Mfg. Co. (See Sonneborn, Sol S., assignor.)
Hopewell, Samiel H., Ensley, Ala. Burner. 1,466,588; Aug. 28.
Hopewell, William C., Draycott, England. Twist lace and in the method of making the same. 1,446,184; Feb. 20.
Hopfenthaler, Joseph, and C. H. Fischer, Philadelphia, Pa. Water back for hot-air and other furnaces. 1,461,349; July 10.
Hopfield, Lewis D. (See Crouch, J., Hopfield, and Romanowitz.)

Hopfield, Lewis D., Natoma, Calif. Land-leveling device. 1,444,543; Feb. 6.
Hopfield, Lewis D., Natoma, Calif. Land-leveling device. 1,457,878; June 5.
Hopke, William T., and J. A. Sincell, Grafton, W. Va. Chain connector. 1,441,089; Jan. 2.
Hopkins, Alfred, assignor to Hopkins Manufacturing Company, Boston, Mass. Suspending element. 1,450,176; Apr. 3.
Hopkins, Alvah J., Newark, N. J. Burial vault. 1,444,835; Feb. 13.
Hopkins, Archibald E., Middletown, assignor to The Borden Company, New York, N. Y. Wrapping machine. 1,452,604; Apr. 24.
Hopkins, Charles E., deceased, Plainfield, N. J.; The Plainfield Trust Company, administrator. Controlling mechanism. 1,477,222; Dec. 11.
Hopkins, Charles L., River Forest, assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Electrical switch. 1,465,306; Aug. 21.
Hopkins, Clyde E., et al. (See Ricketts, Walter G., assignor.)
Hopkins, Evan, St. Paul, Minn. Cooking and heating stove. 1,468,300; Sept. 18.
Hopkins, George C., et al. (See Westbrook, Moses A., assignor.)
Hopkins, Gordon, assignor to National Box Company, Chicago, Ill. Form for use in making box blanks. 1,471,558; Oct. 23.
Hopkins, James E., South Orange, N. J., assignor of one-half to A. L. Wright, New York, N. Y. Receptacle for the storage and preservation of used paint-brushes. 1,461,618; July 10.
Hopkins, Leonard, assignor, by mesne assignments, to Eaton, Crane & Pike Company, Pittsfield, Mass. Imprinting machine. 1,450,949; Apr. 10.
Hopkins, Luther S., Dubuque, Iowa. Nonset phonograph stop. 1,467,793; Sept. 11.
Hopkins, Luther S., Dubuque, Iowa. Nonset automatic phonograph stop. 1,467,794; Sept. 11.
Hopkins Manufacturing Company. (See Hopkins, Alfred, assignor.)
Hopkins, Marcus C., assignor to Eastman Kodak Company, Rochester, N. Y. Color photography and photographic elements. 1,460,673; July 3.
Hopkins, Marten J., Rochester, N. Y. Material-handling apparatus. 1,448,538; Mar. 13.
Hopkins, Michael S., Columbus, Ohio. Pressure indicator. 1,462,109; July 17.
Hopkins, Nevil M., New York, N. Y. Desiccating and incinerating range. 1,456,022; May 22.
Hopkins, Nevil M., New York, N. Y., assignor to National Carbon Co. Inc. Storage-battery vent. 1,452,806; Apr. 24.
Hopkins, Ralph Z., Detroit, Mich. Building construction. 1,468,945; Sept. 25.
Hopkins, Ralph Z., Detroit, Mich. Building construction. 1,474,148; Nov. 13.
Hopkins, Richard M., Rutherford, assignor to American District Telegraph Co., Jersey City, N. J. Signaling system and relay therefor. 1,444,685; Feb. 6.
Hopkins, Richard M., Rutherford, assignor to American District Telegraph Company, Jersey City, N. J. Signal system and transmitter therefor. 1,452,972; Apr. 24.
Hopkins, Thomas O., Kansas City, Mo. Fastening device. 1,465,848; Aug. 21.
Hopkins, William L., Roslyn, assignor to American Lithographic Company, New York, N. Y. Display device. 1,451,023; Apr. 10.
Hopkins, William L., Roslyn, assignor to American Lithographic Company, New York, N. Y. Display device. 1,477,123; Dec. 11.
Hopkins, William L., Roslyn, assignor to American Lithographic Company, New York, N. Y. Display device. 1,478,033; Dec. 18.
Hopkinson, Ernest, New York, N. Y. Rubber bale. 1,442,218; Jan. 16.
Hopkinson, Ernest, New York, N. Y., and A. E. Jury, Rutherford, N. J.; said Jury assignor to Morgan & Wright. Apparatus for the production of weftless rubberized cord fabric. 1,462,858; July 24.
Hopkinson, Ernest, and J. P. Coe, New York, N. Y.; said Coe assignor of his entire right to The Hartford Rubber Works Company. Process and apparatus for manufacturing tire casings. 1,474,149; Nov. 13.
Hopkinson, Harry. (See Reid, J., and Hopkinson.)
Hopkinson, Joseph, assignor to The Computing Scale Company, Dayton, Ohio. Rack and pinion device for scales. 1,447,307; Mar. 6.
Hopkinson, Joseph, assignor, by mesne assignments, to Dayton Scale Company, Dayton, Ohio. Counting scale. 1,473,232; Nov. 6.
Hopkinson, Joseph, and E. G. Freed, assignors to International Scale Company, Dayton, Ohio. Portable scale. 1,470,010; Oct. 9.
Hopp, Max, and M. Levine, New York, N. Y. Price marker. 1,458,705; June 12.
Hoppe, Charles H., Devils Lake, N. Dak. Boiler-scale remover. 1,462,550; July 24.
Hoppe, Fredrick G. (See Lauter, I., and Hoppe.)
Hoppe, William B., San Francisco, Calif. Necktie appliance. 1,443,684; Jan. 30.
Hoppenberg, Ernest M. (See Fike, Oliver P., assignor.)
Hopper, Earle B., Ridgewood, N. J. Surgical instrument. 1,462,202; July 17.
Hopper, Henry, Kosario, Argentina. Safety-razor-blade holder. 1,475,231; Nov. 27.
Hopper, Moe, Kansas City, Mo. Display stand. 1,471,334; Oct. 23.
Hoppes, Henry, Wilsonville, Nebr. Stock-feed mixer and dispenser. 1,458,058; June 5.
Hopson, Edward H., Brooklyn, assignor to Merritt & Chapman Derrick & Wrecking Company, New York, N. Y. Pile-driving apparatus. 1,454,927; May 15.
Hopta, Joseph. (See Baumann, G., and Hopta.)
Hopwood, Ernest P., Portland, Oreg. Newspaper rack. 1,448,539; Mar. 13.
Hopwood, John M. (See Peebles, Thomas A., assignor.)
Hopwood, John M., Pittsburgh, Pa. Regulating combustion in gas-fired furnaces. 1,445,684; Feb. 20.
Hopwood, John M., Dormont, and B. Bannister, Pittsburgh, assignors to G. J. Hagan, trustee, Perrysville, Pa. Pump. 1,478,228; Dec. 18.
Horan, Jeremiah, New York, N. Y. Container for packed powder and foodstuffs. 1,453,676; May 1.
Horan, Jeremiah, New York, N. Y. Book container for packaged foodstuffs. 1,453,677; May 1.
Horan, Laurence J., et al. (See Hachmann, Frederick, assignor.)
Horan, Timothy F., Ilion, N. Y. Firearm. 1,441,807; Jan. 9.
Horelick, Samuel, Pittsburgh, Pa., assignor to Pittsburgh Transformer Company. Transformer. 1,452,158; Apr. 17.
Hörig, Heinrich, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Ignition system for internal-combustion engines and the like purposes. 1,444,836; Feb. 13.
Horiguchi, Kintaro, Tokyo, Japan. Lock. 1,445,589; Feb. 13.
Horjes, George W. (See Culver, F. L., and Horjes.)
Horlacher, Adam S. (See Story, Ralph F., assignor.)
Horlander, Frederick. (See Wink, William M., assignor.)
Horlick, William, jr., Racine, Wis. Food product and manufacture thereof. 1,446,120; Feb. 20.
Horman, Alfred E., New York, N. Y. Hammer. 1,457,168; May 29.
Hormann, Diedrich F., assignor of one-half to E. F. Comegys, Oklahoma, Okla. Homogenizing valve. 1,451,393; Apr. 10.
Hormel, August. (See Wagner, C., and Hormel.)
Horn & Brannen Manufacturing Co., The. (See Gehrke, Frederick W., assignor.)
Horn, Edward J., Royal Oak, assignor to Detroit Torch and Manufacturing Company, Detroit, Mich. Fire pot. 1,469,598; Oct. 2.
Horn, Robert W. P., Allentown, and J. H. Nissley, Manheim, Pa. Method of and system for conveying. 1,465,269; Aug. 21.
Horn, Theodore, Cicero, Ill. Ventilator. 1,468,160; Sept. 18.
Hornbeck, Charles H., Appleton, Wis., assignor to Kimberly-Clark Company, Neenah, Wis. Safety device on power-operated paper-trimming machines. 1,465,439; Aug. 21.
Hornbeck, Charles H., Appleton, assignor to Kimberly-Clark Company, Neenah, Wis. Color dropper. 1,471,731; Oct. 23.
Hornberger, Earl J., Cleveland Heights, assignor to Bardons & Oliver, Cleveland, Ohio. Feeding and chucking mechanism for machine tools. 1,454,643; May 8.
Hornberger, Willis R., East Cleveland, Ohio. Hinge. 1,471,158; Oct. 16.
Hornby, Frank, assignor to Meccano Limited, Liverpool, England. Motor. 1,454,969; May 15.
Hornby, Frank, assignor to Meccano Limited, Liverpool, England. Switch. 1,454,970; May 15.
Horne, Archibald B., Springfield, Mass. Device for marking golf balls. 1,476,203; Dec. 4.
Horne, Frederick F. (See Hammack, W. G., and Horne.)
Horne, George A., Plainfield, N. J. Process and apparatus for multiple-stage compression for refrigeration. 1,471,732; Oct. 23.
Horne, Harry M., Hilton, N. J. Cover for ironing rolls. 1,478,229; Dec. 18.
Horne, Hugh M., and T. T. Dickenson, Jacksonville, Fla. Automobile top construction and curtain therefor. 1,468,203; Sept. 18.
Horne, James. (See Dawson, A. T., and Horne.)
Horne, James A., Denver, Colo. Propeller. 1,442,408; Jan. 16.
Horne, William H., Portsmouth, N. H. Shank support for shoes. 1,464,363; Aug. 7.
Horner, Albert, jr., Kapaa, Kauai, Hawaii. Means for treating plants for disease known as pineapple wilt or lahaina. 1,449,606; Mar. 27.
Horner, Albert V., Toronto, Ontario, Canada. Window construction. 1,457,366; June 5.
Hornig, Kurt F. (See Upham, B. F., Belluche, and Hornig.)
Horning, Cecil L., Little Valley, N. Y. Safety razor. 1,475,949; Dec. 4.
Hornke, William L., Evanston, Ill. Cutlery sharpener. 1,457,073; May 29.

Alphabetical list of patentees—Continued.

Hornquist, Frank, assignor to The Climax Heel Company, Incorporated, Mount Jewett, Pa. Toy vehicle. 1,478,739; Dec. 25.
Hornstein, Michael, Paterson, N. J. Closure device. 1,461,242; July 10.
Horophane Glass Co. (See Toensfeldt, Ralf T., assignor.)
Horovitz, Morris R., Brooklyn, assignor to Standard Metal Spinning Co., New York, N. Y. Stamping for lighting fixtures. Des. 62,451; June 5.
Horr, John V., assignor to A. T. Fischer, Cleveland, Ohio. Carton to serve as retaining receptacle for merchandise. 1,442,067; Jan. 16.
Horr, John V., assignor to A. T. Fischer, Cleveland, Ohio. Display carton. 1,457,305; June 5.
Horr, John V., assignor to A. T. Fischer, Cleveland, Ohio. Display carton. 1,460,132; June 26.
Horridge, James, Bolton, assignor to John Hetherington and Sons Limited, Manchester, England. Combing machine. 1,463,816; Aug. 7.
Horridge, James, Bolton, assignor to John Hetherington and Sons Limited, Manchester, England. Machine for combing cotton and the like. 1,476,754; Dec. 11.
Horrigan, Thomas F., Revere, and E. M. Durward, Boston, assignors of one-third to W. V. Neal, Malden, Mass. Method and means for making meat tender. 1,445,018; Feb. 13.
Horrocks, Williams A., Wilton, Me. Motor sleigh. 1,451,733; Apr. 17.
Horsch, Samuel J., Rockford, Ill. Hayrack. 1,445,886; Feb. 20.
Horsfield, Walter R., assignor to Morland & Impey Limited, Birmingham, England. Loose-leaf binder. 1,476,614; Dec. 4.
Horsfield, Walter R., assignor to Morland & Impey Limited, Birmingham, England. Loose-leaf book or binder. 1,476,615; Dec. 4.
Horsley, Robert L., Memphis, Tenn. Bale-tie buckle. 1,455,204; May 15.
Horsley, Robert L., Memphis, Tenn. Device for drawing the ends of a band or bale tie together. 1,456,311; May 22.
Horst, Camille, Wittelsheim, France. Production of potassium sulphate. 1,446,185; Feb. 20.
Horst, Heinz, assignor to Gesellschaft für Maschinelle Druckentwasserung mit beschränkter Haftung, Uerdingen-on-the-Rhine, Germany. Removal of water from colloidally-dissolved substances such as crude peat, coal sludge, and the like. 1,455,728; May 15.
Horstman, Henry, Kearney, Nebr. Bracket. 1,478,122; Dec. 18.
Horstmann, Albert, assignor to Horstmann Gear Co. Limited, Bath, England. Gas controller and the like. 1,460,339; June 26.
Horstmann Gear Co. Limited. (See Horstmann, Albert, assignor.)
Hort, Hermann, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Friction-roller drive. 1,446,347; Feb. 20.
Hort, Hermann, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Gyroscope. 1,446,348; Feb. 20.
Hort, Hermann, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Bearing for gyroscopes. 1,448,404; Mar. 13.
Hort, Hermann, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Apparatus for the determination of the direction of the axis of rotation of a body. 1,476,077; Dec. 4.
Horton, Albert J., White Plains, N. Y., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Motor controller. 1,466,902; Sept. 4.
Horton, Albert J., New York, N. Y., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Resistance. 1,468,946; Sept. 25.
Horton, Bryson D., assignor to Square D Company, Detroit, Mich. Electrical-switch inclosure or cabinet. 1,465,985; Aug. 28.
Horton, Charles, Ridgefield Park, N. J. Power transmission. 1,445,216; Feb. 13.
Horton, Charles A., Providence, assignor to Hope Webbing Company, Pawtucket, R. I. Webbing fabric. 1,474,079; Nov. 13.
Horton, E., & Son Company, The. (See Pratt, Charles R., assignor.)
Horton, Eugene L., San Francisco, Calif. Bucket protector. 1,450,632; Apr. 3.
Horton, James A., Worcester, Mass. Continuous wire-drawing machine. 1,460,379; July 3.
Horton, James D., Oakland, Calif. Grouser. 1,468,204; Sept. 18.
Horton, John T., Brooklyn, N. Y. Derrick base. 1,473,935; Nov. 13.
Horton, Lyman B., Olean, N. Y. Tractor or the like. 1,463,817; Aug. 7.
Horton Manufacturing Company, The. (See Lagerblade, Herbert C., assignor.)
Horton Manufacturing Company, The. (See Nelson, De Witt, assignor.)
Horton Manufacturing Company, The. (See Thorpe, Samuel T., assignor.)
Hortvet, Julius, St. Paul, Minn. Apparatus for determining the freezing point of milk. 1,443,537; Jan. 30.
Hortz, Abrabam, Philadelphia, Pa. Aerial advertising device. 1,478,034; Dec. 18.
Horvath, Geza, Highland Park, Mich. Pump. 1,446,464; Feb. 27.
Horvath, Geza, Detroit, Mich. Machine for making radiator tubes. 1,472,719; Oct. 30.
Horvath, Kalman. (See Ardo, Joseph, assignor.)
Horwich, Henry J., and E. A. Steinman, Chicago, Ill. Bedstead lock. 1,445,317; Feb. 13.
Horwich, Henry J., and E. A. Steinman, Chicago, Ill. Bedstead lock and stiffener. 1,445,318; Feb. 13.
Horwitt, Paul H., assignor, by mesne assignments, to Independent Paper Mills, Inc., Brooklyn, N. Y. Holder for sheets arranged in piles. 1,464,074; Aug. 7.
Hosack, Harold H., Farnham, England. Pouring or teeming of molten steel or metal into ingot or like molds. 1,474,261; Nov. 13.
Hosbein, Louis H., assignor to M. H. Detrick Co., Chicago, Ill. Furnace-arch construction. 1,456,023; May 22.
Hosceit, William J., assignor to National Dump Car Company, Chicago, Ill. General service car. 1,445,887; Feb. 20.
Hosceit, William J., and D. Hindahl, assignors to Rodger Ballast Car Company, Chicago, Ill. Dump-car construction. 1,470,980; Oct. 16.
Hosch, Greene C., assignor to The Measuregraph Company, St. Louis, Mo. Fabric measuring and cost computing machine. 1,454,285; May 8.
Hosch, Greene C., assignor to The Measuregraph Company, St. Louis, Mo. Swiveling support. 1,457,063; May 29.
Hosch, Greene C., assignor to The Measuregraph Company, St. Louis, Mo. Auxiliary chart computing machine. 1,470,839; Oct. 16.
Hosch, Greene C., assignor to The Measuregraph Company, St. Louis, Mo. Indicating means for measuring machines. 1,470,840; Oct. 16.
Hosch, Mathias J., Randolph, Nebr. Hog trough. 1,473,100; Nov. 6.
Hose, Laurence V. (See Blasauf, J. F. and Hose.)
Hose, Titus S., Little Falls, N. Y. Polishing wheel. 1,470,740; Oct. 16.
Hose, Walter R., Winona, Minn. Wheel gauge. 1,443,131; Jan. 23.
Hosford, William F., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Cable-measuring device. 1,461,758; July 17.
Hosick, Lou H., San Diego, Calif. Doll. Des. 61,977; Feb. 20.
Hosier, Lillian K. (See Blackman, M., Hosier, and McKee.)
Hosier, Lillian K., et al. (See Blackman, Mabel, assignor.)
Hoskin, William, assignor to The Denver Rock Drill Manufacturing Company, Denver, Colo. Steel puller. 1,472,524; Oct. 30.
Hoskins, William, Chicago, Ill. Producing chemical reactions. 1,473,347; Nov. 6.
Hosner, Ralph B., San Francisco, Calif. Folding and tent bed. 1,463,267; July 31.
Hospital Supply Company, et al. (See Graupe, William, assignor.)
Hoss, Wilhelm. (See Möller, E., and Hoss.)
Hossfeld, Albert, Lewiston, Minn. Iron bender. 1,473,101; Nov. 6.
Hostetler, M. A. (See Stamm, Charles H., assignor.)
Hostetter, Jacob T., and F. J. Keiser, Sharon, Pa. Valve. 1,462,110; July 17.
Hotaling, Omar J., East Orange, N. J. Display rack. 1,456,446; May 22.
Hotchkiss, E. H., Company, The. (See Muth, John, assignor.)
Hotchkiss, E. H., Company, The. (See Polzer, Fridolin, assignor.)
Hotchkiss, Fred K., Sawtelle, Calif. Automatic hose retriever. 1,445,616; Feb. 13.
Hotchkiss, Howard F., assignor to The Bridgeport Chain Company, Bridgeport, Conn. Tool for attaching and removing tire chains. 1,453,874; May 1.
Hotchkiss, Julia S., Norwalk, Conn. Staple-driving machine. 1,478,858; Dec. 25.
Hotchkiss, Thomas, Clinton, Ind. Car coupling. 1,441,090; Jan. 2.
Hotchkiss, William R., St. Paul, Minn. Oscillating cylinder. 1,448,301; Mar. 13.
Hothersall, John M., Brooklyn, N. Y. Pouring-spout container. 1,478,035; Dec. 18.
Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Flange-lining machine. 1,440,681; Jan. 2.
Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Friction-top can. 1,441,423; Jan. 9.
Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Apparatus for applying can closures. 1,444,418; Feb. 6.
Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Talcum-powder box. Des. 62,103; Mar. 20.
Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Vacuum hinge-cover container. 1,451,875; Apr. 17.
Hoting, Hans C., assignor to Troy Laundry Machinery Co., Ltd., Chicago, Ill. Combined washer and drier. 1,453,711; May 1.

Hotopp, Walter L., Jersey City, N. J. Clothesline post. 1,458,654; June 12.
Hottel, Louis W., Chicago, Ill. Reenforced ribbed pneumatic tube. 1,459,401; June 19.
Hottel, Louis W., Chicago, Ill. Pneumatic tire. Des. 63,135; Oct. 16.
Hottel, Louis W., Chicago, Ill. Reenforced ribbed pneumatic tube. 1,473,768; Nov. 13.
Hottmann, Charles W., Philadelphia, Pa. Stuffer. 1,442,150; Jan. 16.
Hottmann, Charles W., Philadelphia, Pa. Apparatus for feeding sulphur dioxide or other materials in a fluid or gaseous condition. 1,463,818; Aug. 7.
Hottmann, Charles W., Philadelphia, Pa. Mixing and cutting machine. 1,468,967; Sept. 25.
Houbigant, Inc. (See Bassaler, Pierre, assignor.)
Houchens, Hilda, et al. (See Hachmann, Frederick, assignor.)
Houchin, Ernest A., New York, N. Y. Candle-forming machine. 1,454,052; May 8.
Houck, Arlington W., Vega Baja, P. R. Cutting apparatus. 1,445,590; Feb. 13.
Hough, Azel C., Janesville, Wis. Cord-gripping appliance. 1,456,237; May 22.
Hough, Clinton W., Boonville, N. Y. Miles-per-gallon register. 1,477,489; Dec. 11.
Hough, Clinton W., Boonville, N. Y. Miles-per-gallon instrument. 1,477,490; Dec. 11.
Hough, Earl B., assignor to G. M. Peters, trustee, Chicago, Ill. Dumping gear. 1,459,209; June 19.
Hough, Frank L., Chicago, Ill. Motion-picture-projecting apparatus. 1,442,068; Jan. 16.
Hough, Harry, Salem, Mass. Apparatus for agitating liquids. 1,447,849; Mar. 6.
Hough, Herbert D., Cranston, assignor to Wightman & Hough Company, Providence, R. I. Belt buckle. 1,473,727; Nov. 13.
Hough, Howard M., executor. (See Hough, William B.)
Hough, Johnston T., Denver, Colo. Beet loader. 1,455,914; May 22.
Hough, William B., deceased, Chicago, Ill.; H. M. Hough, executor. Spacer for reenforcing bars. 1,440,464; Jan. 2.
Houghtaling, Gerald A., Indianola, Iowa. Fuel-control device. 1,473,293; Nov. 6.
Houghtaling, Walter A., Dunellen, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Adjustable-vibration tuning fork. 1,466,623; Aug. 28.
Houghton, Carl R., assignor to The Connersville Blower Co., Connersville, Ind. Constant-flow governor. 1,457,074; May 29.
Houghton, E. F., & Co. (See Peirson, C. H., and Bohue, assignors.)
Houghton, E. F., & Company. (See Butler, C. H., and Jones, assignors.)
Houghton, E. F., & Company. (See Murphy, Louis E., assignor.)
Houghton, Henry A., Douglas, Isle of Man. Toy or advertising device. 1,458,208; June 12.
Houghton, Lewis T., Worcester, Mass. Quiller-wire holder. 1,452,119; Apr. 17.
Hougland, Albert C. (See Mattson, E. M., Popp, and Hougland.)
Houk, James P., Mountain Grove, Mo. Railway crossing. 1,462,408; July 17.
Houlehan, Arthur E., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Preparation of catalytic compounds and the product obtained thereby. 1,477,058; Dec. 11.
Hounsell, William R., Okmulgee, Okla. Gravity-correction device. 1,456,926; May 29.
Hounsfield, Leslie H., Croydon, England. Connecting rod and the cooperating parts of engines, pumps, and the like. 1,474,591; Nov. 20.
Houpert, Henri J., Mamaroneck, N. Y. Internal-combustion-engine piston. 1,450,177; Apr. 3.
Housdorfer, Reinhold G., Detroit, Mich. Axle dies. 1,473,102; Nov. 6.
House, Ernest W., assignor of one-fourth to B. M. Allen, Birmingham, Ala. Spark-plug intensifier. 1,442,947; Jan. 23.
House, Henry A., Bridgeport, Conn. Link belting. 1,442,524; Jan. 16.
House, Henry A., Bridgeport, Conn. Knockdown metal receptacle. 1,458,579; June 12.
House, Henry A., jr., Buffalo, N. Y. Filling apparatus. 1,470,235; Oct. 9.
House, Henry A., jr., assignor to Wire Wheel Corporation of America, Buffalo, N. Y. Wheel. 1,453,356; May 1.
House, Henry A., jr., assignor to Wire Wheel Corporation of America, Buffalo, N. Y. Wheel. 1,465,247; Aug. 14.
House, Henry A., jr., Springfield, Mass., assignor to Wire Wheel Corporation of America, Buffalo, N. Y. Forming nipple sockets in wheel rims. 1,471,160; Oct. 16.
House, Henry A., jr., assignor to Wire Wheel Corporation of America, Buffalo, N. Y. Wheel. 1,471,161; Oct. 16.
House, Henry A., jr., assignor to Wire Wheel Corporation of America, Buffalo, N. Y. Wheel. 1,474,631; Nov. 20.
House, Henry A., jr., assignor to Wire Wheel Corporation of America, Buffalo, N. Y. Wheel. 1,474,632; Nov. 20.
House, Leonard A. (See Conant, A. B., and House.)
House, Samuel G., Miami, Fla. Liquid-fuel vaporizer. 1,459,507; June 19.
House, Thomas E., Jackson, Tenn. Means for connecting car-coupling butts and yokes. 1,447,850; Mar. 6.
House, Thomas M., assignor to Richmond Pressed Metal Works, Inc., Richmond, Va. Clothes-hanger support for wardrobe trunks. 1,472,525; Oct. 30.
Householder, Miles E., assignor to The Duralectric Corporation, Pittsburgh, Pa. Electric heater. 1,449,406; Mar. 27.
Houseman, James A., York, Pa. Hedge trimmer. 1,452,462; Apr. 17.
Houseman, Wilbur L., assignor to Standard Machine Company, Philadelphia, Pa. Circular-knitting machine. 1,462,551; July 24.
Houser, James A., Marion, Ind. Vapor-utilizing device. 1,469,088; Sept. 25.
Houser, Roy, Centerville, Iowa. Demountable rim. 1,446,705; Feb. 27.
Houser, William C., Casey, Ill. Portable knockdown shelter. 1,460,098; June 26.
Houskeeper, William G., Philadelphia, Pa., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for measuring gas pressures. 1,448,540; Mar. 13.
Houskeeper, William G., assignor to Western Electric Company, Incorporated, New York, N. Y. Pressure gauge. 1,452,274; Apr. 17.
Houskeeper, William G., assignor to Western Electric Company, Incorporated, New York, N. Y. Making leading-in conductors. 1,452,275; Apr. 17.
Houskeeper, William G., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrode-supporting device. 1,456,504; May 29.
Houskeeper, William G., assignor to Western Electric Company, Incorporated, New York, N. Y. Vacuum pump. 1,461,190; July 10.
Houskeeper, William G., assignor to Western Electric Company, Incorporated, New York, N. Y. Control apparatus for evacuated vessels. 1,465,394; Aug. 21.
Houskeeper, William G., assignor to Western Electric Company, Incorporated, New York, N. Y. Vacuum pump. 1,471,661; Oct. 23.
Houskeeper, William G., assignor to Western Electric Company, Incorporated, New York, N. Y. Vacuum pump. 1,471,662; Oct. 23.
Houston, George S., Minneapolis, Minn. Paper-folding machine. 1,465,440; Aug. 21.
Houston, Harold A. (See Alben, F. L., and Houston.)
Houston, Harold A., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Flexible pinion. 1,451,576; Apr. 10.
Houston Pneumatic Puncture Proof Wheel Company. (See Balazs, R. J., and Autrey, assignors.)
Houston Pump & Supply Company. (See Thomas, Avery H., assignor.)
Housworth, Augusta C., Mason City, Ill. Polishing composition. 1,459,056; June 19.
Houtz, Edward H. (See Morris, A., and Houtz.)
Houze, Luke, Stockton, Calif. Ice box. 1,466,941; Sept. 4.
Hovanec, Valent, Ambridge, Pa. Toy bowling alley. 1,467,600; Sept. 11.
Hovden, Olav. (See Barney, W. T., and Hovden.)
Hovell, Thomas M., Elstree, England. Animal trap. 1,453,795; May 1.
Hovell, Thomas M., Elstree, England. Animal trap. 1,453,796; May 1.
Hovesepean, Sam, Buffalo, N. Y. Bill folder. Des. 62,007; Feb. 27.
Hovey, Ralph J., Chicago, Ill. Electric sadiron. 1,455,205; May 15.
Hovey, William L., Flint, Mich. Combined brush and polisher. 1,469,643; Oct. 2.
Hovland, Henry. (See Carpenter, W. W., and Hovland.)
Howald, Arthur M. (See Lowy, A., and Howald.)
Howard, Alonzo, Chicago, Ill. Ignition apparatus. 1,466,720; Sept. 4.
Howard, Alonzo, assignor to Lightnin Sparker Manufacturing Company, Chicago, Ill. Ignition-controlling apparatus. 1,466,719; Sept. 4.
Howard, Bernard F., Morrisville, Vt. Grinding wheel. 1,476,515; Dec. 4.
Howard, Bloomfield H., Washington, D. C., and E. J. Turner, Pittsburgh, Pa. Feeder for ingot molds. 1,454,740; May 8.
Howard, Bloomfield H., Washington, D. C., and E. J. Turner, Pittsburgh, Pa. Hot top for multiple casting of metal ingots. 1,454,741; May 8.
Howard, Bloomfield H., Washington, D. C., and E. J. Turner, Pittsburgh, Pa. Reversible feeder for ingot molds. 1,454,742; May 8.
Howard, Charles E., Anaconda, Mont. Grate. 1,459,467; June 19.
Howard, Charles H. (See Jackson, P. T., and Howard.)
Howard, Charles H., Saugus, assignor to Paper Products Machine Company, Boston, Mass. Reenforced paper strip. 1,460,356; June 26.
Howard, Charles W., Greenwich, Conn., assignor to Consolidated Textile Corporation, New York, N. Y. Textile fabric. Des. 62,522; June 12.
Howard, Charles W., Greenwich, Conn., assignor to Consolidated Textile Corporation, New York, N. Y. Textile fabric. Des. 62,523; June 12.

Alphabetical list of patentees—Continued.

Howard, Charles W., Greenwich, Conn., assignor to Consolidated Textile Corporation, New York, N. Y. Textile fabric. Des. 62,524; June 12.
Howard, Charles W., Greenwich, Conn., assignor to Consolidated Textile Corporation, New York, N. Y. Textile fabric. Des. 62,525; June 12.
Howard, Charles W., Greenwich, Conn., assignor to Consolidated Textile Corporation, New York, N. Y. Textile fabric. Des. 62,526; June 12.
Howard, Charles W., Greenwich, Conn., assignor to Consolidated Textile Corporation, New York, N. Y. Textile fabric. Des. 62,527; June 12.
Howard, Charles W., Greenwich, Conn., assignor to Consolidated Textile Corporation, New York, N. Y. Textile fabric. Des. 62,528; June 12.
Howard, Clyde, Lincoln, Nebr. Hay sweep. 1,467,727; Sept. 11.
Howard, Colonel L. (See Howard, Nelson F., and C. L.)
Howard, De Witt E., Ridgewood, N. J. Lathe center. 1,462,409; July 17.
Howard, Earl R., Dubuque, Iowa. Pipe-organ stool. 1,478,567; Dec. 25.
Howard, Edward A., Watch Hill, R. I. Windshield for motor vehicles. 1,447,851; Mar. 6.
Howard, Frank, Potter, Ky. Vaporizing device. 1,461,243; July 10.
Howard, Frank A. (See Winchester, G., and Howard.)
Howard, Frank A., Swissvale Borough, Pa. Spark plug. 1,454,442; May 8.
Howard, Frank A., Westfield, N. J., assignor, by mesne assignments, to Standard Development Company. Storage of liquids. 1,442,525; Jan. 16.
Howard, Frank A., Elizabeth, N. J., assignor to Standard Development Company. Operating oil wells. 1,473,348; Nov. 6.
Howard, Frank A., G. H. L. Kent, and J. M. Jennings, Elizabeth, N. J., assignors, by mesne assignments, to Standard Development Company. Foam for preventing evaporation of stored liquids. 1,443,538; Jan. 30.
Howard, Frank M., et al. (See Dungan, John E., assignor.)
Howard, George, Michigan City, Ind. Portable cooking outfit. 1,474,825; Nov. 20.
Howard, Guy C., Seattle, Wash. Recovering cork and other products from bark. 1,455,762; May 15.
Howard, Harry A., Spokane, Wash. Sewer cleaner. 1,476,969; Dec. 11.
Howard, Hasting P., Memphis, Tenn. Store ladder. 1,452,076; Apr. 17.
Howard, Henry, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Making sodium-silico fluoride. 1,456,594; May 29.
Howard, Henry, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Manufacture of concentrated acetic acid. 1,463,212; July 31.
Howard, Henry, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Manufacture of sodium fluoride. 1,464,990; Aug. 14.
Howard, Henry, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Making sodium fluoride. 1,464,991; Aug. 14.
Howard, Henry, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Making artificial cryolite. 1,475,155; Nov. 20.
Howard, Henry, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Making artificial cryolite. 1,475,156; Nov. 20.
Howard, Henry, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Making artificial cryolite. 1,475,157; Nov. 20.
Howard, Henry, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Making artificial cryolite. 1,475,158; Nov. 20.
Howard, Henry, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Retort. 1,477,491; Dec. 11.
Howard, Henry, and E. B. Alvord, assignors to The Grasselli Chemical Company, Cleveland, Ohio. Making metal sulphides. 1,457,436; June 5.
Howard, Henry J. M., Washington, D. C. Pressure-control means. 1,468,109; Sept. 18.
Howard, James, South Porcupine, Ontario, Canada. Combined wood and coal burning stove. 1,450,039; Mar. 27.
Howard, James H., Los Angeles, Calif. Tire-inflating apparatus for automobiles. 1,471,264; Oct. 16.
Howard, John H., Buffalo, N. Y., assignor to M. H. Treadwell Company. Dump-car-locking device. 1,442,151; Jan. 16.
Howard, Joseph C., Chicago, Ill. Watchcase. 1,475,014; Nov. 20.
Howard, Julius G. (See Andreas, Alex. B., assignor.)
Howard, Lemuel F., Edgewood Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Indication means for light signals. 1,450,548; Apr. 3.
Howard, Lemuel F., Edgewood Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Indication means for light signals. 1,450,549; Apr. 3.
Howard, Nelson F., and C. L. Howard, Fairfield Township, Ind. Mold for concrete posts. 1,472,596; Oct. 30.
Howard, Otis W. (See Shonts, L. C., and Howard.)
Howard, Otis W., assignor, by mesne assignments, to Moline Plow Company, Incorporated, Moline, Ill. Controlling mechanism for tractors. 1,452,296; Apr. 17.
Howard, Richard B., Golconda, Nev. Comb. 1,465,519; Aug. 21.
Howard, Rowland G., Jackson, Tenn. Animal trap. 1,451,223; Apr. 10.
Howard, Rufus P., Glen Flora, Wis. Poultry feeder. 1,440,875; Jan. 2.
Howard, Stanley R., East Milton, Mass., assignor to Pneumatic Scale Corporation, Ltd. Package-transfer mechanism. 1,447,984; Mar. 13.
Howard, Stanley R., East Milton, and G. W. Anderson, Norfolk Downs, Mass., assignors, by mesne assignments, to State Street Trust Company, trustee. Package. 1,468,299; Sept. 18.
Howard, Walter, and E. J. Watson, Springfield, Mass. Direction indicator. 1,449,900; Mar. 27.
Howard, William R., Washington, D. C. Drilling tool. 1,461,037; July 10.
Howarth, Harry A. S. (See Kingsbury, A., and Howarth.)
Howarth, Harry A. S., Pittsburgh, assignor to A. Kingsbury, Philadelphia, Pa. Horizontal thrust bearing. 1,447,665; Mar. 6.
Howarth, Harry A. S., assignor to A. Kingsbury, Pittsburgh, Pa. Multiple-unit bearing. 1,459,468; June 19.
Howarth, Jonas, Newark, N. J. Filter cap for centrifugal clarifiers. 1,464,179; Aug. 7.
Howden, James, & Company. (See Hume, Crawford W., assignor.)
Howdeshell, Roland M., St. Louis, Mo., assignor to H. & H. Machine Company. Piston for engine cylinders. 1,473,233; Nov. 6.
Howe, Charles C., Wyoming, R. I., and S. W. Libby, Watertown, assignors to Warren Soap Manufacturing Company, Boston, Mass. Antirust composition. 1,457,169; May 29.
Howe, Charles W., Lowell, assignor to Saco-Lowell Shops, Boston, Mass. Work holding and ejecting mechanism. 1,446,305; Feb. 20.
Howe, Charles W., Dayton, and J. L. Garver, Hamilton, Ohio. Grading and scarifying device for tractors. 1,460,585; July 3.
Howe, Clinton W., Chicago, Ill. Phonograph driving mechanism. 1,449,407; Mar. 27.
Howe, E. D., et al. (See Dibble, C. W., and Phillips.)
Howe, Elvin A., Boston, Mass. Innersole. 1,468,363; Sept. 18.
Howe, Ernest G., trustee. (See Rockwell, R. L., and Howe, assignors.)
Howe, Ernest G., trustee. (See Stevens, H. R., and Rockwell, assignors.)
Howe, Fletcher A. and S. W., Spencer, Iowa. Jeweler's plating machine. 1,449,004; Mar. 20.
Howe, Frank M., New York, and C. Naegeli, Long Island City, N. Y. Air-heating attachment for fans. 1,472,124; Oct. 30.
Howe, George A., and J. L. Kosmann, Pittsburgh, Pa. Bottle-filling machine. 1,458,979; June 19.
Howe, Jesse J. (See Morris, Maynard D., assignor.)
Howe, Joseph B., Worcester, assignor to George S. Harwood & Son, Boston, Mass. Adjustable feed-roll journal for card feeders. 1,462,203; July 17.
Howe, Joseph B., Worcester, assignor to G. S. Harwood & Son, Boston, Mass. Clutch brake for card feeders. 1,465,670; Aug. 21
Howe, Junius A., Brooklyn, assignor to Registrar Service Corporation, New York, N. Y. Recording machine. 1,465,441; Aug. 21.
Howe, Oliver J., assignor to Mawhinney Last Company, Brockton, Mass. Shoe tree. 1,465,270; Aug. 21.
Howe, Oliver J., assignor to Mawhinney Last Company, Brockton, Mass. Shoe tree. 1,465,271; Aug. 21.
Howe, Roy A., and J. F. Irish, Bantam, Conn. Fruit picker. 1,460,755; July 3.
Howe Rubber Corporation. (See Tenney, John, jr., assignor.)
Howe Scale Company. (See Sonander, Andrew, assignor.)
Howe, Simeon W. (See Howe, Fletcher A. and S. W.)
Howe, Thomas M., Louisville, Ky., assignor to F. A. Hardy & Company, Chicago, Ill. Ophthalmic mounting. 1,451,696; Apr. 17.
Howe, William G., Des Moines, and F. R. White, Ames, Iowa. Conveyer. 1,442,219; Jan. 16.
Howe, William G., Des Moines, and F. R. White, Ames, Iowa. Excavating machine. 1,455,206; May 15.
Howe, William L., Overland, Mo. Deflector for automobiles and the like. 1,468,110; Sept. 18.
Howe, Winthrop K., assignor to General Railway Signal Company, Rochester, N. Y. Automatic train-control system. 1,454,513; May 8.
Howe, Winthrop K., assignor to General Railway Signal Company, Rochester, N. Y. Switch machine. 1,466,903; Sept. 4.
Howell, Charles A., Ann Arbor, Mich. Runner. 1,454,514; May 8.
Howell, David V., Monroe, N. Y. Washing machine. 1,445,766; Feb. 20.
Howell, Demetrius K., St. Louis, Mo. Typewriter attachment. 1,465,041; Aug. 14.
Howell, Frank E. (See Entwisle, E. F., Howell, and Leach.)
Howell, Hamilton T., New York, N. Y., assignor to Alfred Vester Sons, Inc., Providence, R. I. Plate for lighting fixtures. Des. 62,632; July 10.

Howell, Hamilton T., New York, N. Y., assignor to Alfred Vester Sons, Inc., Providence, R. I. Candle-plate body for lighting fixtures. Des. 63,101; Oct. 2.

Howell, Hamilton T., New York, N. Y., assignor to Alfred Vester Sons, Inc., Providence, R. I. Spindle for lighting fixtures. Des. 63,102; Oct. 2.

Howell, Hamilton T., New York, N. Y., assignor to Alfred Vester Sons, Inc., Providence, R. I. Ceiling plate for lighting fixtures. Des. 63,103; Oct. 2.

Howell, Hamilton T., New York, N. Y., assignor to Alfred Vester Sons, Inc., Providence, R. I. Plate for lighting fixtures. Des. 63,104; Oct. 2.

Howell, Hamilton T., New York, N. Y., assignor to Alfred Vester Sons, Inc., Providence, R. I. Candle cup for lighting fixtures. Des. 63,175; Oct. 30.

Howell, Hamilton T., New York, N. Y., assignor to Alfred Vester Sons, Inc., Providence, R. I. Socket cover for lighting fixtures. Des. 63,176; Oct. 30.

Howell, Hamilton T., New York, N. Y., assignor to Alfred Vester Sons, Inc., Providence, R. I. Ball lamp cover for lighting fixtures. Des. 63,177; Oct. 30.

Howell, Hamilton T., New York, N. Y., assignor to Alfred Vester Sons, Inc., Providence, R. I. Canopy for lighting fixtures. Des. 63,178; Oct. 30.

Howell, Hamilton T., New York, N. Y., assignor to Alfred Vester Sons, Inc., Providence, R. I. Ceiling light for lighting fixtures. Des. 63,647; Dec. 25.

Howell, Hamilton T., New York, N. Y., assignor to Alfred Vester Sons, Inc., Providence, R. I. Canopy for lighting fixtures. Des. 63,648; Dec. 25.

Howell, Henry M. (See Kaplan, S., and Howell.)

Howell, Henry M., Monroe, La. Wheel for automobiles. 1,441,424; Jan. 9.

Howell, Henry M., Monroe, La. Operating device for tire valves. 1,446,504; Feb. 27.

Howell, Janes B., St. Joseph, Mo. Clutch-release lever. 1,454,891; May 15.

Howell, Joshua D., Porterville, Calif. Watchmaker's tool. 1,466,227; Aug. 28.

Howell, Percy F., et al. (See Van Hise, Lester E., assignor.)

Howell, Sylvester S., assignor to United Chemical and Organic Products Company, Chicago, Ill. Centrifugal separator. 1,453,678; May 1.

Howell, Wesley E., assignor to Whitall-Tatum Company, Millville, N. J. Marking machine. 1,450,776; Apr. 3.

Howells, Frank E. (See Entwisle, E. F., and Howells.)

Howells Metallurgical Company. (See Jones, John T., assignor.)

Hower, Harry C., Chicago, Ill. Automobile tire. Des. 61,872; Feb. 6.

Hower, Harry C., Chicago, Ill. Automobile tire. Des. 61,873; Feb. 6.

Hower, Harry C., Chicago, Ill. Automobile tire. Des. 63,227; Nov. 6.

Hower, Harry C., Chicago, Ill. Automobile tire. Des. 63,228; Nov. 6.

Hower, Harry C., Chicago, Ill. Automobile tire. Des. 63,229; Nov. 6.

Howerton, Jeter F., Grand Rapids, Mich. Nonskid chain. 1,474,526; Nov. 20.

Howes, George W., assignor to Beckwith Company, Dowagiac, Mich. Gas oven. 1,477,705; Dec. 18.

Howes, Raymond T. (See Dundas, R. C., and Howes.)

Howie, Kenneth, assignor to Wildman Mfg. Co., Norristown, Pa. Take-up mechanism for knitting machines. 1,442,069; Jan. 16.

Howie, Kenneth, assignor, by mesne assignments, to Wildman Mfg. Co., Norristown, Pa. Pattern wheel for knitting machines. 1,448,302; Mar. 13.

Howie, Kenneth, assignor to Wildman Mfg. Co., Norristown, Pa. Take-up mechanism for knitting machines. 1,470,741; Oct. 16.

Howie, Kenneth, Norristown, and W. O. Taylor, Limerick, assignors to Wildman Mfg. Co., Norristown, Pa. Yarn-sinking mechanism for knitting machines. 1,445,767; Feb. 20.

Howie, Kenneth, Norristown, and W. O. Taylor, Limerick, assignors to Wildman Mfg. Co., Norristown, Pa. Detector and stop-motion means for knitting machines. 1,456,553; May 29.

Howie, Thomas, and A. J. Jackson, Battle Creek, Mich. Joint member for screen frames and the like. 1,471,159; Oct. 16.

Howland, Chester S., New Bedford, Mass. Film holder. 1,453,244; Apr. 24.

Howland, Henry P., and F. A. Wiley, Chicago, Ill., assignors, by mesne assignments, to International Harvester Company. Safety device for hot-blast stoves. 1,452,297; Apr. 17.

Howland, Herbert S. (See Howland, Stephen B. and H. S.)

Howland, Ralph E. (See Utter, L. E., and Howland.)

Howland, Stephen B. and H. S., Berkshire, N. Y. Storage-battery box. 1,441,152; Jan. 2.

Howland, Waldo A., Adams, Mass. Automatic vacuum breaker. 1,448,445; Mar. 13.

Howlett, Isaac C., Bangs, Tex. Bag-cutting machine. 1,454,743; May 8.

Howorth, Florence L., et al. (See Cooper, Daniel R., assignor.)

Howse, Curtes L., Detroit, Mich., assignor to The Underfeed Stoker Company of America. Hydraulic drive for stoker rams. 1,460,586; July 3.

Howson, Charles T., Silver Creek, N. Y. Coffee roaster. 1,471,663; Oct. 23.

Howson, Henry, assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Apparatus for drying clay bodies. 1,441,091; Jan. 2.

Hoxie, Charles A., Schenectady, N. Y., assignor to General Electric Company. Recording apparatus. 1,456,595; May 29.

Hoxie, Charles A., Schenectady, N. Y., assignor to General Electric Company. High-frequency signaling system. 1,467,988; Sept. 11.

Hoxie, Charles A., Schenectady, N. Y., assignor to General Electric Company. Variable-current generator. 1,475,583; Nov. 27.

Hoxie, Edmund, Somerville, Mass. Fuel burner. 1,446,746; Feb. 27.

Hoxter, Allen T., assignor to Boggs Mfg. Corp., Atlanta, N. Y. Sorting-machine belt. 1,468,301; Sept. 18.

Hoy, Clarence A., assignor to Peerless Husker Company, Buffalo, N. Y. Conveyer. 1,444,919; Feb. 13.

Hoy, Clarence A., assignor to Peerless Husker Company, Buffalo, N. Y. Apparatus for treating canned goods. 1,447,135; Feb. 27.

Hoy, Heber, Parkersburg, W. Va. Chain fastener. 1,464,134; Aug. 7.

Hoya, Clarence A., assignor to Chain Belt Company, Milwaukee, Wis. Manufacture of links for drive and conveyer chains. 1,448,663; Mar. 13.

Hoyem, George A., Lennep, Mont. Cleaning implement. 1,461,904; July 17.

Hoyem, George A., Lennep, Mont. Cleaning implement. 1,475,118; Nov. 20.

Hoyle, Henry P., Durham, England. Screening apparatus. 1,456,801; May 29.

Hoyt, Daniel, East Orange, assignor to National Lock Washer Company, Newark, N. J. Curtain fixture. 1,444,419; Feb. 6.

Hoyt, Daniel, East Orange, N. J., assignor to The National Lock Washer Company. Curtain fixture. 1,446,747; Feb. 27.

Hoyt, Elmore S., Red Wing, Minn. Container. 1,441,092; Jan. 2.

Hoyt, Ezra S., Los Angeles, Calif. Thermostatically-actuated valve. 1,449,005; Mar. 20.

Hoyt, Frank, and C. F. Holmes, Newburyport, Mass. Locking device and alarm for automobiles. 1,474,262; Nov. 13.

Hoyt, Hazen L., jr. (See Bell, H. W. and Hoyt.)

Hoyt, Homer J., Detroit, Mich., assignor to Morgan & Wright. Conveyer system. 1,452,836; Apr. 24.

Hoyt, Ray S., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Attenuation equalizer. 1,453,980; May 1.

Hoyt, Ray S., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Network for neutralizing the susceptance of a loaded line. 1,475,997; Dec. 4.

Hoyt, Simes T., assignor to Hawaiian Pineapple Company, Limited, Honolulu, Hawaii. Slicing machine. 1,472,838; Nov. 6.

Hrachovina, Vincent F., St. Paul, Minn. Article of furniture. 1,466,376; Aug. 28.

Hrebek, Frank, Cleveland, Ohio. Guard for wringers and ironing machines. 1,473,042; Nov. 6.

Hren, Joseph, Rosendale, N. Y., and C. Eisenlohr, Newark, N. J. Clutch mechanism. 1,466,832; Sept. 4.

Hrib, George. (See Lyeso, George, assignor.)

Hrobsky, Hobert, assignor of one-half to W. G. Miller, Watertown, Wis. Merry-go-round. 1,461,881; July 17.

Hruska, Anthony S., Detroit, Mich. Carbon holder for picture projectors. 1,465,042; Aug. 14.

Hruska, George J., Chicago, Ill. Shoe. Des. 63,649; Dec. 25.

Hruska, Joseph W., Mankato, Minn. Runner. 1,447,472; Mar. 6.

Hryz, Michael, Braznell, Pa. Loom for hand weaving. 1,464,847; Aug. 14.

Hubach, Gustave, Springfield, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Tire. Des. 63,300; Nov. 20.

Hubalek, Arthur, Brooklyn, N. Y. Automobile brake. 1,467,854; Sept. 11.

Hubbard and Company. (See Peirce, Charles L., jr., assignor.)

Hubbard, Arthur O., Minneapolis, Minn. Clothes-wringer frame. 1,473,769; Nov. 13.

Hubbard, Burtt J., assignor to Automotive Accessories, Inc., Kokomo, Ind. Windshield-wing construction. 1,469,387; Oct. 2.

Hubbard, Don C., Auburn, Me. Renewable fuse plug. 1,467,162; Sept. 4.

Hubbard, Eber J., Berwyn, Ill. Spool. 1,472,980; Nov. 6.

Hubbard, Elmo, and J. Bahrs, assignors of one-fifth to F. M. Sands, Amarillo, Tex. Spring wheel. 1,444,791; Feb. 13.

Hubbard, Gwendolen B. N. E., Hollywood, Calif. Educational toy. 1,452,340; Apr. 17.

Hubbard, Henry E. (See Duncan, J. S., and Hubbard.)

Alphabetical list of patentees—Continued.

Hubbard, Hubert T., Detroit, Mich. T-square. 1,471,467; Oct. 23.
Hubbard, James C., and A. F. Winn, El Dorado, Kans.; said Winn assignor to said Hubbard. Card or placard holder. 1,465,219; Aug. 14.
Hubbard, James R., Duncan, Okla. Feed-control attachment for cotton gins. 1,441,627; Jan. 9.
Hubbard, James W., Eau Claire, Wis., assignor, by mesne assignments, to Continental and Commercial Trust and Savings Bank. Ticket-printing machine. Re15,576; Apr. 10.
Hubbard, Lloyd B., Wichita Falls, Tex. Oiling system. 1,446,505; Feb. 27.
Hubbard, William, Rochester, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Work-positioning means. 1,446,465; Feb. 27.
Hubbard, William A., Hoquiam, Wash. Car-replacing device. 1,458,059; June 5.
Hubbard, William B., Smithboro, Ill. Spindle. 1,451,829; Apr. 17.
Hubbard, William E., San Francisco, Calif. Pump driving and balancing mechanism. 1,465,671; Aug. 21.
Hubbell, Benjamin F., assignor to Carr Fastener Company, Cambridge, Mass. Fastener. 1,456,554; May 29.
Hubbell, Benjamin F., assignor to Carr Fastener Company, Cambridge, Mass. Fastener. 1,456,555; May 29.
Hubbell, Geo. H. (See Watts, Rufley E., assignor.)
Hubbell, Harvey, Inc. (See Conlan, David, jr., assignor.)
Hubbell, Harvey, Incorporated. (See Newton, William J., assignor.)
Hubbell, Harvey, Bridgeport, Conn. Locking lamp. 1,460,246; June 26.
Hubbell, John P. (See Breyer, F. G., Hubbell, and Kerr.)
Hubble, Grover C., Bonners Ferry, Idaho. Voltage-controlling device for dynamos. 1,452,688; Apr. 24.
Hubble, Joseph H., assignor of one-third to G. McCann and one-third to R. L. Ragon, Tekoa, Wash. Cushioned wheel. 1,441,093; Jan. 2.
Huber, Andrew, Sterling, Ill. Coaster. 1,470,921; Oct. 16.
Huber, Frederick W., Riverside, Calif. Method and composition for cementing oil wells. 1,452,463; Apr. 17.
Huber, Frederick W., Riverside, Calif. Cement mixer. 1,473,990; Nov. 13.
Huber, Frederick W., Riverside, Calif., assignor, by mesne assignments, to Western Precipitation Company. Obtaining soluble potassium compounds in the manufacture of cement. 1,453,797; May 1.
Huber, Frederick W., Riverside, Calif., assignor, by mesne assignments, to Western Precipitation Company. Producing cement and by-products. 1,465,907; Aug. 21.
Huber, Herman J. H., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 1,462,340; July 17.
Huber, Joe and S., Formoso, Kans. Grain-saving device for thrashing machines. 1,450,040; Mar. 27.
Huber, Philip H. (See Jasmin, Peter T., assignor.)
Huber, Samuel. (See Huber, Joe and S.)
Huber, William E., Chicago, Ill. Door-closing mechanism. 1,475,015; Nov. 20.
Hubers, Henry W., Davenport, Iowa. Automatic control device for washing machines. 1,457,367; June 5.
Hubert, Conrad. (See Norwalk, Albert B., assignor.)
Hubner, George W. (See Hubner, Milton H., assignor.)
Hubner, Milton H., assignor of one-half to G. W. Hubner, Stockton, Calif. Box-car door. 1,464,936; Aug. 14.
Huckestein, Norman C., Pittsburgh, Pa. Radiator guard. 1,451,337; Apr. 10.
Hucknall, Bert H. W., assignor to The American Lace Mfg. Co., Elyria, Ohio. Lace. Des. 61,978; Feb. 20.
Hudd, Alfred E., assignor to Automatic Telephone Manufacturing Company Limited, Liverpool, England. Railway signaling system. 1,475,388; Nov. 27.
Hudec, John D., Cleveland, Ohio. Wrapper for clothing, etc. 1,474,826; Nov. 20.
Hudgel, Jessie E., Missouri Valley, Iowa. Container. 1,447,473; Mar. 6.
Hudnell, Edward R. (See Luttrell, Robert C., assignor.)
Hudson, Albert E. (See Megathlin, R. S., and Hudson.)
Hudson, Albert E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastener-setting machine. 1,458,186; June 12.
Hudson, Albert E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Press. 1,458,187; June 12.
Hudson, Albert E., Beverly, and W. C. Willson, Medford, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Method of and machine for compressing boot and shoe parts. 1,448,069; Mar. 13.
Hudson, Alexander M., assignor to Melvin A. Rice, New York, N. Y. Headpiece for protection from bacteria, noxious gases, etc. 1,443,820; Jan. 30.
Hudson, Charles J., and W. C. Broga, assignors to Norton Company, Worcester, Mass. Method of and apparatus for grading. 1,478,335; Dec. 18.
Hudson, David W., Green Bay, Wis. Napkin-dispensing device. 1,464,180; Aug. 7.
Hudson, Donald M. (See Bennett, S. B., and Hudson.)
Hudson, Donald M., Bend, Oreg. Repair device for fishing rods. 1,463,084; July 24.
Hudson, Earl A., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Duplex telegraph system. 1,456,556; May 29.
Hudson, Edward J., Glencoe, Ill. Motor for windshield wipers. 1,457,031; May 29.
Hudson, Finn S., Kansas City, Mo., and E. G. Rhoads, Oak Park, Ill. Controller for fuel-oil burners. 1,475,433; Nov. 27.
Hudson, Frank N. (See Hudson, Ray, R. W., and F. N.)
Hudson, George R., Portland, Oreg. Mixer for gas engines. 1,450,550; Apr. 3.
Hudson, George R., Portland, and F. M. Culp, Corvallis, Oreg. Tire changer. 1,459,303; June 19.
Hudson, Harley A., et al. (See Whitcomb, James, assignor.)
Hudson, Mack R., Gretna, La. Trawl. 1,447,553; Mar. 6.
Hudson, Norman H. (See Sarrey, P., and Hudson.)
Hudson, Pearl, Burlington, Iowa. Ratchet device for augers. 1,450,440; Apr. 3.
Hudson, Ray, Walnut Ridge, Ark., R. W. and F. N. Hudson, Poplar Bluff, Mo. Governor for fluid-pressure mechanisms. 1,466,399; Aug. 28.
Hudson, Richard W. (See Hudson, Ray, R. W., and F. N.)
Hudson, Thomas E., Los Angeles, Calif. Combination auto lock. 1,442,766; Jan. 16.
Hudson, Willard W., Shelbyville, Ill. Self-watering flowerpot. 1,450,633; Apr. 3.
Hudson, William C., Keating, Oreg. Haystacker. 1,478,740; Dec. 25.
Hudson, William L., assignor to Allen Morrison Sign Co., Inc., Lynchburg, Va. Wind-motor sign. 1,446,044; Feb. 20.
Hueber, Frank C., Philadelphia, Pa. Attachment for automobile radiators. 1,446,306; Feb. 20.
Huebner-Bleistein Patents Company. (See Huebner, William C., assignor.)
Huebner, Ferdinand P., Cameron, Tex. Hydraulic cotton press. 1,469,511; Oct. 2.
Huebner, Hans, assignor to Moe-Bridges Company, Milwaukee, Wis. Husk for lighting fixtures. Des. 63,557; Dec. 18.
Huebner, Julius J., Detroit, Mich. Spring suspension for vehicle bodies. 1,450,370; Apr. 3.
Huebner, Otto E., Richmond Hill, N. Y. Potential indicator. 1,454,474; May 8.
Huebner, Otto E., assignor to Industrial Research Corporation, Toledo, Ohio. Ignition system. 1,449,323; Mar. 20.
Huebner, William C., assignor to Huebner-Bleistein Patents Company, Buffalo, N. Y. Photographic-projection printing apparatus. 1,452,077; Apr. 17.
Huebner, William C., assignor to Huebner-Bleistein Patents Company, Buffalo, N. Y. Apparatus for positioning the printing plates on the plate holders of photographic-printing machines. 1,452,078; Apr. 17.
Huebner, William C., assignor to Huebner-Bleistein Patents Company, Buffalo, N. Y. Photographic-printing apparatus. 1,468,022; Sept. 18.
Huebner, William C., Buffalo, N. Y. Method of and means for preparing cylinders of offset printing machines. 1,471,895; Oct. 23.
Huels, Peter, Hoboken, N. J. Automobile safety bumper. 1,445,138; Feb. 13.
Huenefeld, Walter E., Cincinnati, Ohio. Oil burner for stoves. 1,458,414; June 12.
Huenergardt Manufacturing Co. (See Huenergardt, William H., assignor.)
Huenergardt, William H., assignor to G. O. W. Farnham, Lincoln, Nebr. Trough or drain table for wringers. 1,440,604; Jan. 2.
Huenergardt, William H., assignor to Huenergardt Manufacturing Co., Lincoln, Nebr. Washing-machine frame. 1,450,808; Apr. 3.
Huenergardt, William H., assignor to G. O. W. Farnham, Lincoln, Nebr. Clothes-wringer mechanism. 1,468,814; Sept. 25.
Hueseman, William M., Dillsboro, Ind. Suspenders. 1,463,213; July 31.
Huestis, Charles A., Elmhurst, N. Y. Tool holder. 1,452,241; Apr. 17.
Huestis, Thomas B., assignor to National India Rubber Company, Bristol, R. I. Stitching machine for joining rubber. 1,462,859; July 24.
Huet, Emile, Brussels, Belgium. Electric clutch coupling for use in dental technics. 1,455,491; May 15.
Hueter, George W., Baltimore, Md. Toy bench. 1,442,343; Jan. 16.
Huether, John V., Brooklyn, N. Y. Fountain brush. 1,465,220; Aug. 14.
Huey, George W., Wilkinsburg, Pa., assignor to Westinghouse Electric and Manufacturing Company. Electrical system. 1,448,405; Mar. 13.
Huff, Charles C., Clarks, Nebr. Disk sharpener. 1,443,132; Jan. 23.
Huff, Charles M., Albion, Wash. Sharpening machine. 1,457,064; May 29.
Huff, John T., Chicago, Ill. Shelf bracket. 1,468,813; Sept. 25.
Huff, Russell, assignor to Dodge Brothers, Detroit, Mich. Steering gear. 1,443,685; Jan. 30.
Huff, Russell, assignor to Dodge Brothers, Detroit, Mich. Service brake. 1,459,304; June 19.
Huff, Slaughter W., New York, N. Y. Automatically-operated slot cover. 1,450,727; Apr. 3.
Huff, Wilson S., Oklahoma City, Okla. Fireproof tank. 1,463,268; July 31.

Huffine, Ed., Grenville, N. Mex. Replanter attachment for cultivators. 1,444,544; Feb. 6.
Huffman, Estil J., Chicago, Ill., assignor to Sears, Roebuck and Co. Truck coupling. 1,474,477; Nov. 20.
Huffman, Estil J., assignor to Sears, Roebuck and Co., Chicago, Ill. Truck coupling. 1,474,478; Nov. 20.
Huffman, Mike, Des Moines, Iowa. Boiler clean-out device. 1,445,591; Feb. 13.
Huffman, Mike, Des Moines, Iowa. Steam-boiler clean out device. 1,445,592; Feb. 13.
Huffman, Reuel L., Brookfield, Mo. Button. 1,453,245; Apr. 24.
Huffman, Thompson M., Dunkirk, Ind. Cover for sap buckets. 1,444,073; Feb. 6.
Huffman, Thurman C., Minot, N. Dak. Brake shoe and head connection. 1,444,462; Feb. 6.
Hufford, Ward C. (See Hildreth, James W., assignor.)
Hug, Christian J., Highland, Ill. Subgrading machine. 1,473,372; Nov. 6.
Hugentobler, Johann, St. Gallen, Switzerland. Thread-tension-measuring device. 1,456,596; May 29.
Hugershoff, Reinhard, Tharandt, near Dresden, Germany. Automatic protracting apparatus combined with two computing theodolites. 1,467,163; Sept. 4.
Huggins, Benjamin F., et al. (See Pearson, Frank O., assignor.)
Hugh, Percy G. H., Southend, England. Brake mechanism for motor vehicles. 1,470,620; Oct. 16.
Hughen, James C., Winnfield, La. Barber-cloth pin. 1,471,265; Oct. 16.
Hughes, Arthur S., Mansfield, Ohio. Truck body. 1,461,905; July 17.
Hughes, Arthur S., Mansfield, Ohio. Sheet-metal construction for truck bodies, racks, etc. 1,461,906; July 17.
Hughes, Arthur S., Mansfield, Ohio. Sheet-metal construction for truck bodies, etc. 1,461,907; July 17.
Hughes, Charles C., and R. O. Betterly, Philadelphia, Pa. Engine valve and casing. 1,472,652; Oct. 30.
Hughes, Charles H., Endicott, N. Y. Traffic-signal device for automobiles. 1,472,273; Oct. 30.
Hughes, Cora E., assignor of one-third to T. M. Ingman and one-third to L. L. Elliott, Los Angeles, Calif. Light-deflecting headlight. 1,468,784; Sept. 25.
Hughes, David D., Oakland, Calif. Concrete-building form. 1,472,174; Oct. 30.
Hughes, David E., San Pedro, Calif., dedicated to the public by assignment. Dredge cutter. 1,477,352; Dec. 11.
Hughes, Earl J., Bellaire, Ohio. Adjustable shade support. 1,444,463; Feb. 6.
Hughes, Earl V., Andrews, Ind., assignor to Wasmuth-Endicott Company. Cabinet door. 1,452,913; Apr. 24.
Hughes, Frances T., Berkeley, Calif. Decorative covering for flowerpots, bouquets, and the like. 1,446,563; Feb. 27.
Hughes, Frances T., Berkeley, Calif. Coin bank. Des. 62,089; Mar. 13.
Hughes, Frank C., Oak Park, Ill. Apparatus for throwing liquids. 1,471,130; Oct. 16.
Hughes, Frederick G., assignor to The New Departure Manufacturing Company, Bristol, Conn. Shaft coupling. 1,369,304; Oct. 2.
Hughes, Frederick T. (See Mellin, Gustaf A. E., assignor.)
Hughes, Gerald E., sr., Kansas City, Mo. Treating oils. 1,459,732; June 26.
Hughes, Gerald E., sr., Kansas City, Mo. Drier or filler for paints and making the same. 1,459,733; June 26.
Hughes, Hiram C., Boston, Mass. Frying pan. 1,460,380; July 3.
Hughes, Howard R., Los Angeles, Calif. Lubricator for earth-boring drills. 1,453,875; May 1.
Hughes, Howard R., Houston, Tex. Load indicator. 1,459,102; June 19.
Hughes, Howard R., Houston, Tex. Rotary earth-boring drill. 1,474,633; Nov. 20.
Hughes, Howard R., and R. C. Kuldell; said Kuldell assignor to Hughes Tool Company, Houston, Tex. Cross-roller drill. 1,444,074; Feb. 6.
Hughes, James F., Bridgeport, Conn. Automobile signal. 1,457,703; June 5.
Hughes, James G., Cincinnati, Ohio. Pneumatic spring. 1,459,892; June 26.
Hughes, James H., et al. (See Whitcomb, James, assignor.)
Hughes, James W., Wyncote, assignor to W. H. Stehle, Philadelphia, Pa. Drilling apparatus. 1,474,036; Nov. 13.
Hughes, John E., Utica, N. Y. Optical pliers. 1,454,475; May 8.
Hughes, John F., Penns Grove, N. J. Drying apparatus. 1,461,148; July 10.
Hughes, Joshua. (See Beauregard, Victor, assignor.)
Hughes, Lloyd E., Kansas City, Kans. Loose-leaf marker for books. 1,478,655; Dec. 25.
Hughes, Patrick G., Cincinnati, Ohio. Vehicle tire-chain apparatus. 1,467,639; Sept. 11.
Hughes, Robert D., Lynchburg, Va. Shock absorber. 1,477,959; Dec. 18.
Hughes, Robert M. (See Davis, L. R., and Hughes.)
Hughes, Robert R., jr., Utica, N. Y., assignor to Union Special Machine Company, Chicago, Ill. Forming concealed stitches. 1,442,807; Jan. 23.
Hughes, Robert R., jr., Utica, N. Y., assignor to Union Special Machine Company, Chicago, Ill. Concealed stitched seam. 1,443,686; Jan. 30.
Hughes, Robert R., jr., Utica, N. Y., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 1,459,103; June 19.
Hughes, Robert R., jr., Utica, N. Y., assignor to Union Special Machine Company, Chicago, Ill. Differential feeding mechanism for sewing machines. 1,478,519; Dec. 25.
Hughes Tool Company. (See Childs, William L., assignor.)
Hughes Tool Company. (See Fletcher, Harold W., assignor.)
Hughes Tool Company. (See Hughes, H. R., and Kuldell, assignors.)
Hughes, Walter. (See Wigle, W. B., and Hughes.)
Hughes, Walter J., and A. S. Behrman, assignors to International Filter Co., Chicago, Ill. Zeolite and preparing same. 1,477,757; Dec. 18.
Hughes, William, Alameda, Calif. Milk-bottle opener. 1,473,936; Nov. 13.
Hughes, William, Junedale, Pa. Wrench. 1,448,962; Mar. 20.
Hughes, William, Philadelphia, Pa., assignor to The Hess-Bright Manufacturing Company. Self-opening tool holder. 1,443,687; Jan. 30.
Hughes, William, Philadelphia, Pa., assignor to The Hess-Bright Manufacturing Company. Forging. 1,456,597; May 29.
Hughes, William B., Newcastle, Ind. Vehicle tongue. 1,452,876; Apr. 24.
Hughes, William P. (See Fritschi, J., and Hughes.)
Hugo, John, Manufacturing Company, The. (See Braisted, Harry P.)
Hugo Junkers. (See Spaleck, Paul, assignor.)
Hugoniot, Victor E., assignor of one-half to A. Buss, St. Louis, Mo. Air-heating furnace. 1,440,465; Jan. 2.
Huguenin, Albert, Zurich, Switzerland. Tidal-water-power plant. 1,448,627; Mar. 13.
Huguenin, Albert, Zurich, Switzerland. Tidal-water-power plant. 1,457,170; May 29.
Huhn, A., Manufacturing Company. (See Huhn, Alex G., assignor.)
Huhn, Alex G., assignor to A. Huhn Manufacturing Company, Minneapolis, Minn. Drier. 1,467,038; Sept. 4.
Huhn, Paul J., St. Paul, Minn. Piston and packing. 1,443,473; Jan. 30.
Huismann, Johann, and J. Callsen, Leverkusen, near Cologne, and W. Grüttefien, Elberfeld, Germany, assignors to Farbenfabriken vorm. Friedr. Bayer and Co., Leverkusen, near Cologne, Germany. Organic arsenic compound. 1,445,685; Feb. 20.
Huizenga, John A., Rock Valley, Iowa. Check protector. 1,443,574; Jan. 30.
Hulbert, Ansel C., San Carlos, Calif. Electric hot-water heater. 1,467,381; Sept. 11.
Hulbert, Clinton H., Chicago, Ill. Device for producing or reproducing sound. 1,457,075; May 29.
Hulbert, Edwin F., assignor to Pfister & Vogel Leather Company, Milwaukee, Wis. Mixing device. 1,448,446; Mar. 13.
Hulburd Engineering Company. (See Tutt, Montague W., assignor.)
Hulett, John M. (See Henry, C. F., and Hulettt.)
Hulett, Snoe O., Corry, Pa. Differential. 1,472,758; Oct. 30.
Hulick, Samuel C., Spokane, Wash. Camp cooker. 1,452,640; Apr. 24.
Huling, Louis G. (See Wetter, William M., assignor.)
Hulit, John A., Chicago, Ill. Recording telegraphic receiving instrument. 1,442,474; Jan. 16.
Hull, Charles E., Onaway, Mich. Spark breaker. 1,450,501; Apr. 3.
Hull, Charles F., Hagerstown, Md. Automobile tire rack. 1,450,084; Mar. 27.
Hull, Charles M., Elwood, Ind. Display device. 1,448,664; Mar. 13.
Hull, Homer, assignor to American Blower Company, Detroit, Mich. Lubricating pump for engines. 1,467,619; Sept. 11.
Hull, James S., Los Angeles, Calif. Building construction. 1,448,843; Mar. 20.
Hull, Marguerite E., et al. (See Hull, Oliver L., and M. E.)
Hull, Marguerite E., Portland, Oreg. Knife. 1,449,408; Mar. 27.
Hull, Nelson Y., Plainfield, N. J. Eye-exercising device. 1,464,075; Aug. 7.
Hull, Oliver L., et al. (See Hull, Oliver L. and M. E., assignors.)
Hull, Oliver L. and M. E., assignors of one-fourth to C. Abbott, Portland, Oreg., one-fourth to said Oliver L. Hull and one-half to said M. E. Hull. Combination tent, hammock, and packsack. 1,464,875; Aug. 14.
Hull, Samuel M. (See Reaser, J. W., Hull, and Osborne.)
Hulley, Minnie S., Woodhaven, N. Y. Protective apron. 1,478,962; Dec. 25.
Hulse, Edison G., assignor to Kelly-Springfield Tire Company, Cumberland, Md. Resilient tire. 1,445,768; Feb. 20.

Alphabetical list of patentees—Continued.

Hulse, Edison G., assignor to Kelly-Springfield Tire Company, Cumberland, Md. Resilient tire. 1,447,784; Mar. 6.
Hulse, Edison G., assignor to Kelly-Springfield Tire Company, Cumberland, Md. Vehicle tire. Des. 63,033; Sept. 18.
Hulse, Edison G., assignor to Kelly-Springfield Tire Company, Cumberland, Md. Resilient tire. 1,470,922; Oct. 16.
Hulse, Edison G., assignor to Kelly-Springfield Tire Company, Cumberland, Md. Resilient tire. 1,477,564; Dec. 18.
Hulse, George E., Newark, N. J., assignor to The Safety Car Heating & Lighting Company. Screen. 1,441,684; Jan. 9.
Hulse, George E., Newark, N. J., assignor to Safety Car Heating & Lighting Company. System of distribution. 1,452,877; Apr. 24.
Hulse, George E., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Connecting device for belts. 1,472,910; Nov. 6.
Hulse, Robert E., Wall Lake, Iowa. Combined parting and weather strip for sliding sashes. 1,466,833; Sept. 4.
Hulse, Walter S., Pine Grove, Pa. Compressed-air water pump. 1,472,839; Nov. 6.
Hulse, William H., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,462,886; July 24.
Hulse, William H., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,463,778; July 31.
Hulsebos, Albert B., and G. Den Besten, assignors to Safety Release Clevis Co., Holland, Mich. Plow safety hitch. 1,440,780; Jan. 2.
Hulsmann, Anton, San Francisco, Calif. Amusement apparatus. 1,467,934; Sept. 11.
Hulsmann, Anton, and J. C. Griffin, San Francisco, Calif. Universal wrist joint for artificial arms. 1,475,119; Nov. 20.
Hülsmeyer, Christian, Dusseldorf, Germany. Device for cleaning surface condensers and the like. 1,449,753; Mar. 27.
Hülsmeyer, Christian, Dusseldorf, Germany. Means for cleaning fluid-conducting pipes. 1,449,754; Mar. 27.
Hult, Carl A., Stockholm, Sweden. Internal-combustion engine. 1,445,686; Feb. 20.
Hultgreen, Frank F., assignor of one-third to F. Petersen, Santa Rosa, Calif. Demountable vehicle wheel rim. 1,442,409; Jan. 16.
Hulting, Charles E. (See Perry, N. G., and Hulting.)
Hultman, Gustave T. (See Dixon, John G., assignor.)
Hultquist, Charles A., Los Angeles, Calif. Fluid-operated drill. 1,452,689; Apr. 24.
Hultquist, Charles A., Los Angeles, Calif. Rock-drilling engine. 1,477,353; Dec. 11.
Hultqvist, Morten V., New York, N. Y. Floor mop. 1,466,169; Aug. 28.
Hults, Eugene A., Saltville, Va., assignor to Proctor & Schwartz, Inc., Philadelphia, Pa. Waste-heat drier. 1,441,983; Jan. 9.
Humasoh, Granville A., assignor to Texas Pump & Supply Company, Houston, Tex. Pump. 1,474,718; Nov. 20.
Humason, Granville A., and J. A. Burtschel, Houston, Tex. Casing spear. 1,441,583; Jan. 9.
Humberger, Alonzo, Chicago, Ill. Washing machine. 1,463,016; July 24.
Humbert, William M., Eastside, Oreg. Nut bowl. Des. 62,486; June 12.
Hume, Crawford W., assignor to James Howden & Company, Limited, Glasgow, Scotland. Sluice or gate valve. 1,467,039; Sept. 4.
Hume, John R., Chicago, Ill. Street indicator. 1,453,463; May 1.
Hume, John T., assignor to Hurley Machine Company, Chicago, Ill. Vacuum cleaner. 1,458,939; June 19.
Hume, Joseph P. (See Rooney, W. T., and Hume.)
Humes, Guy B., Chicago, Ill. Reed controller for saxaphones or the like. 1,446,623; Feb. 27.
Humeston, Frederick L., assignor to Winchester Repeating Arms Company, New Haven, Conn. Handlamp switch. 1,475,584; Nov. 27.
Hummel, August C., Cincinnati, Ohio, assignor to A. Kimball Co., New York, N. Y. Tag for textile fabric. 1,471,483; Oct. 23.
Hummel, Frederick E. (See Glanschnig, Ignatz, assignor.)
Hummell, Howard H., assignor to Bethlehem Steel Company, Bethlehem, Pa. Hydraulic press. 1,446,901; Feb. 27.
Hummell, William, et al. (See Smyder, Samuel W., assignor.)
Hummell, William Q., New Philadelphia, Ohio. Artificial bait. 1,450,777; Apr. 3.
Hump Hairpin Manufacturing Company, The. (See Goldberg, Solomon H., assignor.)
Humphreville, Edwin, Lancaster, Pa. Collapsible baby walker. 1,463,819; Aug. 7.
Humphreville, Edwin, Lancaster, Pa. Collapsible baby walker. 1,463,820; Aug. 7.
Humphrey, Alfred H., New York, N. Y. Gas heater. 1,464,609; Aug. 14.
Humphrey, Clen S., Brooklyn, N. Y. Powder container or similar receptacle. Des. 61,783; Jan. 9.
Humphrey, Clen S., Brooklyn, N. Y. Powder container or similar receptacle. Des. 61,784; Jan. 9.
Humphrey, Dewey N., Bluecreek, Wash. Rake cleaner. 1,442,615; Jan. 16.
Humphrey, Ernest N., New Britain, Conn. Buckle. 1,460,381; July 3.
Humphrey, Ernest N., New Britain, Conn. Belt buckle. 1,473,991; Nov. 13.
Humphrey, Ernest N., assignor to The Traut & Hine Mfg. Company, New Britain, Conn. Buckle. 1,460,756; July 3.
Humphrey, Hubert R., Kalamazoo, Mich. Gas stove. 1,449,182; Mar. 20.
Humphrey, Hubert R., assignor to General Gas Light Company, Kalamazoo, Mich. Gas heater. 1,461,191; July 10.
Humphrey, Hubert R., assignor to General Gas Light Company, Kalamazoo, Mich. Gas heater. 1,461,192; July 10.
Humphrey, Hubert R., assignor to General Gas Light Company Kalamazoo, Mich. Gas heater. 1,467,429; Sept. 11.
Humphrey, Orson J., Elyria, Ohio. Tire construction. 1,444,123; Feb. 6.
Humphreys, Albert H., Woolwich, Me., assignor of one-half to J. C. De Wolf, Middletown, Conn. Line hook. 1,472,840; Nov. 6.
Humphreys, Charles A., Chicago, Ill. Bill fold. 1,471,484; Oct. 23.
Humphreys, Edwin S., assignor to The Rogers Electric Laboratories Company, Cleveland, Ohio. High-frequency electrical appliance. 1,447,785; Mar. 6.
Humphreys, Frank W., Ocean City, N. J. Extension plane. 1,475,700; Nov. 27.
Humphreys, Hugh, Grand Rapids, Mich., assignor to Oliver Machinery Company, Grand Rapids, Mich. Table mount for metal and wood working machines. 1,443,789; Jan. 30.
Humphreys, Robert E., F. M. Rogers, and O. E. Bransky, Whiting, Ind., assignors to Standard Oil Company (of Indiana), Chicago, Ill. Water-soluble sulphonic acids from petroleum oils and producing the same. 1,474,933; Nov. 20.
Humphreys, William R., et al. (See Wingo, Sara H., assignor.)
Humphries, Ralph, Detroit, Mich. Tractor. 1,464,848; Aug. 14.
Humphris, Frank, Boscombe, Bournemouth, England, assignor of one-half to K. A. Roberts, London, England. Mechanical press. 1,473,478; Nov. 6.
Hundeby, Martin L., San Francisco, Calif. Protective casing for tires. 1,471,266; Oct. 16.
Hundley, James, Noblesville, Ind. Interlocking building brick. 1,472,911; Nov. 6.
Hundley, James, assignor to New Process Iron and Steel Company, Noblesville, Ind. Steel-heating furnace. 1,462,639; July 24.
Hungerbühler, Oscar J., Far Rockaway, and C. Schopper, New York, N. Y. Hair-waving device. 1,463,085; July 24.
Hungerford, Henry B. (See Authier, Joseph O., assignor.)
Hungerford, Rolla D., assignor of one-half to F. O. Peters, Faxon, Okla. Grain separator. 1,442,526; Jan. 16.
Hungerford, Warren H. (See Peters, F. M., and Hungerford.)
Hunker, Martin L., Wheeling, W. Va. Safety mechanism for power presses. 1,466,170; Aug. 28.
Hunt, Alfred T., Brooklyn, N. Y. Apparatus for cutting diamonds. 1,461,149; July 10.
Hunt, Benjamin H., Walla Walla, Wash. Fender brace. 1,445,888; Feb. 20.
Hunt, Bertram, London, England. Recovery of sulphur, metallic sulphides, and the like from a condition of emulsion without filtration or evaporation. 1,446,307; Feb. 20.
Hunt Brothers Packing Company. (See Macabee, Edward L., assignor.)
Hunt Brothers Packing Company. (See Staley, Homer C., assignor.)
Hunt, C. W., Company. (See Mellin, George E., assignor.)
Hunt, Chester, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for making molded compressed articles. 1,444,878; Feb. 13.
Hunt, Chester, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Cutting shoe-part blanks. 1,450,257; Apr. 3.
Hunt, Chester, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making heels 1,469,835; Oct. 9.
Hunt-Crawford Co. (See Hunt, Robert T., assignor.)
Hunt, Edward J., Llewelyn Park, West Orange, N. J. Dehydrating oil container. 1,475,548; Nov. 27.
Hunt, Edwin W. (See Marriott, O. M., Hunt, and Kirby.)
Hunt, Emily P. (See Hunt, George W., assignor.)
Hunt, Floyd D., Burlington, Vt. Sound-reproduction apparatus. 1,474,776; Nov. 20.

Hunt, George L., assignor to The George L. Hunt Manufacturing Company, Inc., Boscobel, Wis. Gear puller. 1,456,735; May 29.

Hunt, George L., Manufacturing Company. (See Hunt, George L., assignor.)

Hunt, George R. (See Vandivier, J. R., and Hunt.)

Hunt, George S., Chicago, Ill. Plaque or similar article. Des. 62,398; May 22.

Hunt, George W., Chicago, assignor to E. P. Hunt, Evanston, Ill. Desk-locking mechanism. 1,472,841; Nov. 6.

Hunt, Helm, Ferris & Company. (See Ferris, Henry L., assignor.)

Hunt, Helm, Ferris & Company. (See Ferris, Howard J., assignor.)

Hunt, Herbert, H. W., and P., Manchester, England. Twist-drill-point-grinding machine. 1,448,746; Mar. 20.

Hunt, Herbert W. (See Hunt, Herbert, H. W., and P.)

Hunt, Homer, Hartford, Conn. Ladder attachment. 1,462,505; July 24.

Hunt, James B., Avera, Miss. Band-saw guide. 1,464,042; Aug. 7.

Hunt, John D., Toronto, Ontario, Canada. Counting attachment for printing presses. 1,472,653; Oct. 30.

Hunt, John E. (See Fyke, F. C., and Hunt.)

Hunt, John H., Dayton, Ohio, assignor to The Dayton Engineering Laboratories Company. System of control for electrical devices. 1,441,928; Jan. 9.

Hunt, John H., Dayton, Ohio, assignor to The Dayton Engineering Laboratories Company. Ignition system. 1,444,464; Feb. 6.

Hunt, John H., assignor to The Dayton Engineering Laboratories Company, Dayton, Ohio. Ignition system. 1,444,465; Feb. 6.

Hunt, John H., assignor to The Dayton Engineering Laboratories Company, Dayton, Ohio. Ignition system. 1,446,970; Feb. 27.

Hunt, John H., assignor to The Dayton Engineering Laboratories Company, Dayton, Ohio. Electrical controlling system. 1,446,971; Feb. 27.

Hunt, John H., Dayton, Ohio, assignor to The Dayton Engineering Laboratories Company. Signal. 1,461,215; July 10.

Hunt, John H., Dayton, Ohio, assignor to The Dayton Engineering Laboratories Company. Ignition timer. 1,462,860; July 24.

Hunt, John H., Dayton, Ohio, assignor to The Dayton Engineering Company. Ignition system. 1,463,956; Aug. 7.

Hunt, John H., assignor to The Dayton Engineering Laboratories Company, Dayton, Ohio. Ignition system. 1,466,529; Aug. 28.

Hunt, John H., Dayton, Ohio, assignor to The Dayton Engineering Laboratories Company. Burner. 1,467,935; Sept. 11.

Hunt, John H., Dayton, Ohio, assignor to The Dayton Engineering Laboratories Company. Circuit-breaker-indicating device. 1,467,974; Sept. 11.

Hunt, John H., assignor, by mesne assignments, to Delco-Light Company, Dayton, Ohio. Ignition system. 1,459,893; June 26.

Hunt, John H., and W. A. Chryst, Dayton, Ohio, assignors to The Dayton Engineering Laboratories Company. Induction coil. 1,467,973; Sept. 11.

Hunt, Louis J., London, England, assignor to General Electric Company, Schenectady, N. Y. Dynamo-electric machine adapted for synchronous working. 1,463,017; July 24.

Hunt, Marshall E., Belle Plaine, Iowa. Treating and restoring used storage batteries. 1,477,354; Dec. 11.

Hunt, Ormond E., assignor to Packard Motor Car Company, Detroit, Mich. Headlight for motor vehicles. 1,448,691; Mar. 13.

Hunt, Patrick J., New Bedford, assignor to Draper Corporation, Hopedale, Mass. Feeler mechanism for looms. 1,453,841; May 1.

Hunt, Percy. (See Hunt, Herbert, H. W., and P.)

Hunt, Robert, and L. D. Freeman, Portsmouth, Va., assignors, by mesne assignments, to Union Metal Products Company, Chicago, Ill. Grease cup. 1,454,892; May 15.

Hunt, Robert T., assignor to The Hunt-Crawford Co., Coshocton, Ohio. Ice-cream container. 1,449,409; Mar. 27.

Hunt, Rowland, Hackney, London, England. Folding box or carton. 1,478,336; Dec. 18.

Hunt, Seth B., trustee. (See Ellis, Carleton, assignor.)

Hunt, Seth B., trustee. (See Ellis, C., and Wells, assignors.)

Hunt, Seth B., trustee. (See Mann, Matthew D., jr., assignor.)

Hunt, Seth B., trustee. (See Williams, R. R., and Haller, assignors.)

Hunt, Seth B., trustee. (See Williams, R. R., and White, assignors.)

Hunt, Sylvester H., Milwaukee, Wis. Steering mechanism for self-propelled vehicles. 1,474,527; Nov. 20.

Hunt, William C., Toronto, Ontario, Canada. Combined phonograph and advertising cabinet. Des. 62,993; Sept. 4.

Hunt, William J., St. Joseph, Mo. Tire-carrier lock. 1,451,615; Apr. 10.

Huntar, Felix, assignor to American Can Company, New York, N. Y. Process and apparatus for closing filled cans. 1,468,785; Sept. 25.

Hunter, Edgar, Ossian, Ind. Rim breaker. 1,463,891; Aug. 7.

Hunter, George, New York, N. Y. Window-cleaning device. 1,465,237; Aug. 14.

Hunter, George D., Bloomington, Ind. Valve for stone-cutting machines. 1,444,920; Feb. 13.

Hunter, George D., Bloomington, Ind. Slush remover. 1,444,921; Feb. 13.

Hunter, George D., Bloomington, Ind. Boiler attachment. 1,457,839; June 5.

Hunter, George T. (See Codding, Chester C., assignor.)

Hunter, George W. (See Hunter, Thomas H. and G. W.)

Hunter, Heber E. (See Scott, John E., assignor.)

Hunter, Jay G., Sabula, Iowa. Compressor. 1,445,889; Feb. 20.

Hunter, Jay G., Sabula, Iowa. Condenser. 1,463,468; July 31.

Hunter, John C., assignor to J. Meerse, Cincinnati, Ohio. Display stand. Des. 62,633; July 10.

Hunter, John S., Manly, New South Wales, Australia Beef-carcass-splitting machine. 1,465,604; Aug. 21.

Hunter, Omer B., Chickasha, Okla. Amusement device. 1,450,634; Apr. 3.

Hunter, Reginald G. W., Oakland, Calif. Water-level indicator for automobile radiators. 1,448,220; Mar. 13.

Hunter, Richard B., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Drum controller. 1,460,546; July 3.

Hunter, Richard B., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Motor controller. 1,464,712; Aug. 14.

Hunter, Robert L., Norfolk, Va. Flash light. 1,478,282; Dec. 18.

Hunter, Ross. (See Strossenreuter, Karl, assignor.)

Hunter, Royall C., Chicago, Ill. Corn popper. 1,466,721; Sept. 4.

Hunter, Samuel, Bellevue, Pa. Removable body for automobiles. 1,470,324; Oct. 9.

Hunter, Samuel B., Tacoma, Wash. Money-changing machine. 1,470,841; Oct. 16.

Hunter, Thomas, Albany, N. Y. Automobile license plate. 1,473,479; Nov. 6.

Hunter, Thomas B., et al. (See Ripley, David W., assignor.)

Hunter, Thomas F., Chicago, Ill. Hoisting apparatus. 1,440,919; Jan. 2.

Hunter, Thomas H. and G. W., Philadelphia, Pa. Rubbing apron for carding machines. 1,442,767; Jan. 16.

Hunter, Thomas H. and G. W., Philadelphia, Pa. Rubber apron for carding machines. 1,461,527; July 10.

Hunter, Thomas M. (See Snodgrass, H. E., and Hunter.)

Hunter, Thomas W., Oakland, Calif. Fluid regulator. 1,449,998; Mar. 27.

Hunter, William C., St. Louis, Mo. Measuring device. 1,453,876; May 1.

Hunter, William C., Montreal, Quebec, Canada. Brake slack adjuster. 1,463,821; Aug. 7.

Huntingdon, W. R. (See Hill, Raymond I., assignor.)

Huntington, Arthur F., Portsmouth, Va. Bushing tool. 1,472,759; Oct. 30.

Huntington, Charles M., East Randolph, N. Y. Washing machine. 1,469,837; Oct. 9.

Huntington, Frederick T., North Bennington, Vt. Poultry feed box. 1,462,751; July 24.

Huntington, Hiram H., and E. H. Cureton, Richmond, Ind., assignors to The American Seeding Machine Company, Springfield, Ohio. Making sprocket wheels. 1,448,803; Mar. 20.

Huntington, Levin B., Annapolis, Md. Fish bait or lure. 1,460,905; July 3.

Huntley, Ernest R., assignor, by mesne assignments, to Industrial Research Corporation, Toledo, Ohio. Governor for speed-indicating mechanism. 1,445,687; Feb. 20.

Huntley, Ernest R., assignor to Industrial Research Corporation, Toledo, Ohio. Fuel-feed system. 1,458,485; June 12.

Huntley, George J., assignor to The Crown Cork and Seal Company of Baltimore City, Baltimore, Md. Packaging apparatus. 1,466,722; Sept. 4.

Huntley, George J., assignor to The Crown Cork and Seal Company of Baltimore City, Baltimore, Md. Packaging apparatus. 1,469,560; Oct. 2.

Huntley, Thomas. (See Cratty, Robert, assignor.)

Huntoon, Charles F., Chicago, Ill. Machine for assembling trusses. 1,462,552; July 24.

Huntting, Samuel E., San Francisco, Calif. Pump. 1,457,368; June 5.

Huntting, Samuel E., Alameda, Calif. Pump. 1,470,081; Oct. 9.

Hunziker, Curt. (See Tanner, W., and Hunziker.)

Hunziker, Franz, Lucerne, Switzerland. Closure for receptacles. 1,458,883; June 12.

Hunziker, Rudolf, St.-Aubin, Switzerland. Truck. 1,446,799; Feb. 27.

Huot, Louis E., Montreal, Quebec, Canada. Paper clip. 1,467,320; Sept. 11.

Hupp, Albert, assignor, by mesne assignments, to Automatic Railway Mail Exchange Company, Chicago, Ill. Railway-mail-exchange apparatus. 1,444,837; Feb. 13.

Alphabetical list of patentees—Continued.

Hupp, Irvin, assignor to Flexo-Motive Corporation, Chicago, Ill. Combined clutch and brake mechanism. 1,474,365; Nov. 20.
Hurd, Benjamin W., San Francisco, Calif. Oil burner. 1,476,971; Dec. 11.
Hurd, Benjamin W., assignor to Turbine Fuel Oil Burner Co., San Francisco, Calif. Sound-deadening box. 1,443,688; Jan. 30.
Hurd, Benjamin W., assignor to Turbine Fuel Oil Burner Co., San Francisco, Calif. Electric-driven pump and blower set. 1,446,800; Feb. 27.
Hurd, Benjamin W., assignor to Turbine Fuel Oil Burner Co., San Francisco, Calif. Ball bearing. 1,462,965; July 24.
Hurd, Benjamin W., assignor to Turbine Fuel Oil Burner Co., San Francisco, Calif. Oil burner. 1,476,970; Dec. 11.
Hurd, Carroll, Cleveland, Ohio. Liquid extractor. 1,465,825; Aug. 21.
Hurd, Clarence. (See Hadden, Thomas J., assignor.)
Hurd, Leigh G., Los Angeles, Calif. Duck decoy. 1,445,769; Feb. 20.
Hurd, Leigh G., Los Angeles, Calif. Duck decoy. 1,447,474; Mar. 6.
Hurd, Norman B., assignor to The American Hardware Corporation, New Britain, Conn. Door lock. 1,455,251; May 15.
Hurd, Norman B., assignor to American Hardware Corporation, New Britain, Conn. Lock and latch. 1,460,133; June 26.
Hurd, Norman B., assignor to American Hardware Corporation, New Britain, Conn. Ball-bearing hinge. 1,466,228; Aug. 28.
Hurd, Norman B., assignor to The American Hardware Corporation, New Britain, Conn. Door lock. 1,476,364; Dec. 4.
Hurd, Sylvester L., New Orleans, La. Cutter head for stump removing and clearing machines. 1,467,430; Sept. 11.
Hurd, William R., 2d, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of tools. 1,442,152; Jan. 16.
Hurl, Charles W., Nanty Glo, assignor to Miners Supply and Equipment Company, Johnstown, Pa. Mine alarm instrument. 1,458,060; June 5.
Hurley Machine Company. (See Fisher, Alva J., assignor.)
Hurley Machine Company. (See Hume, John T., assignor.)
Hurley, Roy F., assignor to A. T. Twesme, Galesville, Wis. Sterilizing holder for toothbrushes. 1,451,425; Apr. 10.
Hurley, Roy T. (See Blodgett, G. R., Cheney, and Hurley.)
Hurm, Horace, Paris, France. Sound-arm coupling for talking machines. 1,466,554; Aug. 28.
Hurm, Horace, Paris, France. Stylus support for talking machines. 1,466,555; Aug. 28.
Hurst, Frederick G., Portland, Oreg. Fish screen. 1,451,394; Apr. 10.
Hurst, Leonard E., and J. F. Miller, Detroit, Mich. Truck conveyer. 1,450,371; Apr. 3.
Hurst, Leonard E., and J. F. Miller, Detroit, Mich. Rail fastener. 1,464,937; Aug. 14.
Hurst, Wilfred, Norwood, Mass. Boring mill for air-pump cylinders. 1,464,000; Aug. 7.
Hurst, William, Winnipeg, Manitoba, Canada. Electrical water heater. 1,474,528; Nov. 20.
Hurt, George F., New York, N. Y., assignor to J. Hurt, Atlanta, Ga. Feeding mechanism. 1,441,504; Jan. 9.
Hurt, Henry H., Yonkers, N. Y. Binder and making same. 1,467,321; Sept. 11.
Hurt, Joel. (See Hurt, George F., assignor.)
Hurt, Samuel N., assignor to Toledo Scale Company, Toledo, Ohio. Pivot bearing. 1,478,123; Dec. 18.
Hurt, Walter H., Plainfield Township, Kent Co., Mich. Mechanism for preparing food products. 1,446,091; Feb. 20.
Hurter, Henry, assignor to Fulton Iron Works Company, St. Louis, Mo. Cane-crushing apparatus. 1,451,164; Apr. 10.
Hurtt, George W., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control system. 1,454,928; May 15.
Hurxthal, Alpheus O., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Conveyer. 1,446,308; Feb. 20.
Husch, George S. (See Husch, S. B. and G. S.)
Husch, Sylvester B., New York, and G. S. Husch, Brooklyn, N. Y. Toothbrush. 1,451,775; Apr. 17.
Huscher, Charles, Golden, Colo. Eraser-supporting means for typewriters. 1,441,505; Jan. 9.
Huseman, Charles, St. Louis, Mo. Convertible child's wagon, coaster, and scooter. 1,442,808; Jan. 23.
Husher, Thomas S., Boston, Mass. Steam-shovel attachment. 1,470,532; Oct. 9.
Hussey, Lindley M., assignor to J. P. Harmer, Philadelphia, Pa. Arsenical compound. 1,452,605; Apr. 24.
Hussey, Veronica C., Nashville, Tenn. Toy animal. Des. 61,979; Feb. 20.
Hussey, Veronica C., Nashville, Tenn. Doll. Des. 61,980; Feb. 20.
Hussmann, Harry L., Refrigerator & Supply Company. (See Schulde, John, assignor.)
Hussmann, Harry L., assignor to Hussmann Refrigerator & Supply Company, St. Louis, Mo. Showcase refrigerator. 1,476,972; Dec. 11.
Hussmann, Harry L., assignor to Harry L. Hussmann Refrigerator & Supply Company, St. Louis, Mo. Showcase refrigerator. 1,476,973; Dec. 11.
Hussmann Refrigerator & Supply Company. (See Hussmann, Harry L., assignor.)
Husted, Monroe G., Bridgeton, N. J. Attachment for lathes. 1,474,673; Nov. 20.
Husting, Eugene L., Milwaukee, Wis. Bottle. Des. 63,400; Dec. 4.
Huston, Charles C., Dayton, Ohio. Traction device for vehicle wheels. 1,473,957; Nov. 13.
Huston, Charles L., Coatesville, Pa. Inspection lift. 1,454,677; May 8.
Huston, Charles L., and A. Goodfellow, Coatesville, Pa. Clamping device for rotary shears. 1,478,900; Dec. 25.
Huston, Charles P. L., Plainfield, N. J. Insulated handle for tools. 1,460,654; July 3.
Huston, George H., Cincinnati, Ohio. Automatic draft regulator. 1,470,325; Oct. 9.
Huston, John L., Boston, Mass., assignor to The Miller Lock Company, Philadelphia, Pa. Tire lock. 1,453,139; Apr. 24.
Huston, John T., Columbus, Ga. Peanut-shelling machine. 1,477,648; Dec. 18.
Huston, John T., Columbus, Ga. Hand peanut sheller. 1,477,649; Dec. 18.
Hustvedt, Olaf M., and H. J. Nichols, Washington, D. C. Spotting projectile. 1,451,395; Apr. 10.
Hutchens, Jiles J., et al. (See Marmon, Albert W., assignor.)
Hutchens, Ralph W., and S. H. Smith, Eau Claire, Wis., assignors to Gillette Rubber Co. Bead-forming machine. 1,455,207; May 15.
Hutcherson, Ira, Keokuk, Iowa. Combination woven-wire stretcher and hoist. 1,462,011; July 17.
Hutcheson, S. C., et al. (See Cleveland, Benjamin L., assignor.)
Hutchings, Frederick E., Brooklyn, assignor to Hutchings Manufacturing Co., Inc., New York, N. Y. Bumper or fender for vehicles. 1,467,322; Sept. 11.
Hutchings, George B., Richmond, Va. Sign box. 1,460,674; July 3.
Hutchings, George B., Richmond, Va., assignor to Rado-Valv Corporation. Radiator cap. Des. 63,301; Nov. 20.
Hutchings Manufacturing Co. (See Hutchins, Frederick E., assignor.)
Hutchins Car Roofing Company. (See Thompson, William D., assignor.)
Hutchins Car Roofing Company. (See Thompson, W. D., and Wilson, assignors.)
Hutchins, Edward. New York, N. Y., assignor to International Paper Company. Drying cylinder. 1,453,113; Apr. 24.
Hutchins, Frederick. (See Balls, W. L., and Hutchins.)
Hutchins, Otis, and C. E. Hawke, assignor to The Carborundum Company, Niagara Falls, N. Y. Safe or vault plate. 1,444,610; Feb. 6.
Hutchins, W. G., et al. (See Rogers, Abby, assignor.)
Hutchins, William H., assignor to North East Electric Company, Rochester, N. Y. Engine starter. 1,459,025; June 19.
Hutchinson, Albert A., Winchester, Mass. Hide-working machine. 1,467,728; Sept. 11.
Hutchinson, Alexander W., Brookline, Mass. Liquid indicator. 1,442,948; Jan. 23.
Hutchinson, Alexander W., Boston, Mass. Tank control for motor vehicles. 1,469,937; Oct. 9.
Hutchinson Egg Case Filler Company. (See Harrington, John F., assignor.)
Hutchinson, Ely C. (See Parker, W. L., and Hutchinson.)
Hutchinson, Ely C., Oakland, assignor to Pelton Water Wheel Co., San Francisco, Calif. Runner construction for Pelton wheels. 1,459,672; June 19.
Hutchinson, Ely C., Oakland, and E. Buehle, assignors to Pelton Water Wheel Co., San Francisco, Calif. Vertical turbine construction. 1,449,006; Mar. 20.
Hutchinson, George, Arcadia, assignor of one-half to T. H. Wright, Los Angeles, Calif. Making magnesium. 1,457,225; May 29.
Hutchinson, Henry B. (See Richards, E. H., and Hutchinson.)
Hutchinson, John H., Port Melbourne, Victoria, Australia. Controlling means for dumping bodies. 1,467,164; Sept. 4.
Hutchinson, Joseph. (See Hamilton, C. C., and Hutchinson.)
Hutchinson, Morton C., Woodbury, assignor of one-half to L. G. Buckwalter, Merchantville, N. J. Dynamic balancing device. 1,447,985; Mar. 13.
Hutchinson, Richard A., Kennilworth, assignor to R. E. Wilson, Belleville, N. J. Needle-pointing machine. 1,464,203; Aug. 7.
Hutchinson, Thomas A., Newark, N. J. Hand blotter. 1,448,541; Mar. 13.
Hutchinson, William M., New Kensington, Pa. Window screen. 1,450,920; Apr. 10.
Hutchison, Alfred, administrator. (See Cleary, Edwin.)

Hutchison, Arthur A., Harrisburg, Pa. Spark intensifier. 1,463,530; July 31.
Hutchison, C. Edwin. (See Underwood, Henry V., assignor.)
Hutchison, Charles B., Kansas City, Kans. Brake-testing mechanism. 1,477,960; Dec. 18.
Hutchison, Frank S., Garrettsville, Ohio. Vehicle brake. 1,475,016; Nov. 20.
Hutchison, Harley E., Hotchkiss, Colo. Container. 1,469,512; Oct. 2.
Hutchison, Maurice F., assignor to Hutchison Regulator Company, Herndon, Va. Automatic damper regulator. 1,464,100; Aug. 7.
Hutchison, Miller R., West Orange, N. J. Signal recording and transcribing method and apparatus. 1,469,561; Oct. 2.
Hutchison, Miller R., West Orange, N. J. Accessory for notebooks or the like. 1,473,294; Nov. 6.
Hutchison, Miller R., Orange, N. J. Insectproof portal. 1,477,496; Dec. 11.
Hutchison, Miller R., Orange, N. J. Insectproof portal construction. 1,477,497; Dec. 11.
Hutchison, Miller R., Orange, N. J., assignor to Hutchison Thrift Corporation, New York, N. Y. Self-service store. 1,477,492; Dec. 11.
Hutchison, Miller R., Orange, N. J., assignor to Hutchison Thrift Corporation, New York, N. Y. Gate and barrier control mechanism. 1,477,493; Dec. 11.
Hutchison, Miller R., Orange, N. J., assignor to Hutchison Thrift Corporation, New York, N. Y. Monorail carrier. 1,477,494; Dec. 11.
Hutchison, Miller R., Orange, N. J., assignor to Hutchison Thrift Corporation, New York, N. Y. Monorail system for stores. 1,477,495; Dec. 11.
Hutchison Regulator Company. (See Hutchison, Maurice F., assignor.)
Hutchison Thrift Corporation. (See Hutchison, Miller R., assignor.)
Huth, Carl G., Port Byron, N. Y. Railway gate. 1,478,741; Dec. 25.
Huth, Carl G., Port Byron, N. Y. Audible signal for railways. 1,478,742; Dec. 25.
Huth, Walter H., Chicago, Ill. Toy. 1,446,466; Feb. 27.
Huther Bros. Saw Manufacturing Company. (See Stauder, Emanuel, assignor.)
Huther Bros. Saw Mfg. Co. (See Aldridge, Harry G., assignor.)
Hutsell Motor Company. (See Hutsell, Thomas A., assignor.)
Hutsell, Thomas A., assignor to Hutsell Motor Company, Spokane, Wash. Internal-combustion engine. 1,443,575; Jan. 30.
Hutt, Albert E., Detroit, Mich. Bus. 1,457,840; June 5.
Hutt, Albert E., Philadelphia, Pa. Inside stairway and folding door for double-deck motor coaches. 1,476,974; Dec. 11.
Hüttemann, Wilhelm, Cologne-Lindenthal, Germany. Door lock. 1,447,852; Mar. 6.
Huttinger, Charles A., Lakewood, assignor to The Acme Artificial Silk Company, Cleveland, Ohio. Bobbin-winding mechanism and speed control therefor. 1,476,755; Dec. 11.
Hutton, Charles H., Hamilton, Ontario, Canada. Golf-stroke dynamometer and indoor-golf apparatus. 1,443,412; Jan. 30.
Hutton, Frank L. (See Searles, William C., assignor.)
Hutton, George F., Stockton, Calif. Portable shower bath. 1,468,863; Sept. 25.
Hutton, Meritt, St. Benedict, Pa., assignor to R. Peale, New York, N. Y. Car-hauling mechanism. 1,448,119; Mar. 13.
Hutton, Meritt, St. Benedict, Pa., assignor to R. Peale, New York, N. Y. Car-hauling mechanism. 1,477,124; Dec. 11.
Hutton, William F. (See Ivarson, Victor, assignor.)
Hutton, William F., jr., Cherokee, Iowa. Tractor-controlling device. 1,446,045; Feb. 20.
Huxter, Walter L. (See Jackson, C., and Huxter.)
Huyck, Edmund N., assignor to F. C. Huyck & Sons, Albany, N. Y. Paper-maker's felt. 1,458,342; June 12.
Huyck, F. C., & Sons. (See Huyck, Edmund N., assignor.)
Huye, Joseph G., New Orleans, La. Box. 1,473,432; Nov. 6.
Huyler's. (See Pettit, Julia R., assignor.)
Huyler's. (See Porter, Adelaide M., assignor.)
Hvid, Rasmus M., Chicago, Ill. Internal-combustion engine. 1,473,770; Nov. 13.
Hvid, Rasmus M., Chicago, Ill. Fuel-supply valve. 1,476,012; Dec. 4.
Hyams, Elias J. (See Cederholm, Halford S., assignor.)
Hyams, Harry T., De Kalb, Tex. Fish lure. 1,470,842; Oct. 16.
Hyatt, Emerson M., assignor of one-half to H. B. Taylor, Warren, Pa. Producing gasoline. 1,445,688; Feb. 20.
Hyatt, Frank S., Brooklyn, N. Y. Closure for containers. 1,454,170; May 8
Hyatt, Norman W. (See Hess, J., and Hyatt.)
Hyatt, Ralph S., assignor of one-half to C. H. Cornell, Valentine, Nebr. Hydraulic turbine. 1,475,389; Nov. 27.
Hyatt Roller Bearing Company. (See Lockwood, Charles S., assignor.)
Hyde, Benjamin T. B., New York, N. Y. Mounted-specimen-display protector. 1,449,755; Mar. 27.
Hyde, Burdon P., assignor to Scovill Manufacturing Company, Waterbury, Conn. Producing distinctive articles. 1,451,041; Apr. 10.
Hyde, Burdon P., assignor to Scovill Manufacturing Company, Waterbury, Conn. Vanity box. 1,460,906; July 3.
Hyde, Burdon P., assignor to Scovill Manufacturing Company, Waterbury, Conn. Vanity box. Des. 62,928; Aug. 21.
Hyde, Charles L., Plainfield, N. J. Automobile signal. 1,467,580; Sept. 11.
Hyde, John. (See Gulline, Henry L., assignor.)
Hydeloff, Cecile B. (See Haarlander, O. J., and Hydeloff.)
Hyder, Alvin, San Pedro, Calif. Internal-combustion oil engine. 1,441,506; Jan. 9.
Hydraulic Brake Company. (See Loughead, Malcolm, assignor.)
Hydraulic Press Manufacturing Company, The. (See Little, Harry C., assignor.)
Hydraulic Press Manufacturing Company, The. (See Stevenson, Francis E., assignor.)
Hydraulic Pressed Steel Company, The. (See Brainard, George C., assignor.)
Hydraulic Pressed Steel Company, The. (See Davidson, Harry O., assignor.)
Hydraulic Pressed Steel Company, The. (See Foster, Emory M., assignor.)
Hydraulic Pressed Steel Company. (See Foster, Henry J., assignor.)
Hydraulic Pressed Steel Company, The. (See Foster, H. J., and Thomas, assignors.)
Hydraulic Pressed Steel Company, The. (See Foster, H. J., Gruenfeldt, and Brainard, assignors.)
Hydraulic Pressed Steel Company, The. (See Irish, William E., assignor.)
Hydraulic Pressed Steel Company, The. (See Klaus, Fred R., assignor.)
Hydraulic Pressed Steel Company, The. (See Kranz, H. W., and Lukes, assignors.)
Hydraulic Pressed Steel Company, The. (See Thomas, Owen, assignor.)
Hydraulic Steel Company, The. (See Kranz, Harry W., assignor.)
Hydro Press Company Proprietary Limited. (See Harrison, Theodore M., assignor.)
Hydrotherm Fabrik Elektrischer Apparate G. m. b. H. (See Joeschke, Franz, assignor.)
Hygrade Engineering Co. (See Wetmore, Miner P., assignor.)
Hykon Manufacturing Company, The. (See Hick, Harry J., assignor.)
Hyland, Edward J., Mount Morris, Ill. Curtain mounting for trucks. 1,451,660; Apr. 10.
Hyle, Jacob A., Philadelphia, Pa. Combined tie plate and rail anticreeper. 1,478,787; Dec. 25.
Hyle, Jacob A., Philadelphia, Pa., assignor to American Rail Joint Company. Railway-rail joint. 1,467,431; Sept. 11.
Hyle, Jacob A., Philadelphia, Pa., assignor to Tri-City Steel Company, Chicago, Ill. Metallic railway crosstie. 1,472,526; Oct. 30.
Hyman, Arthur S., Newark, N. J. Alloy. 1,455,531; May 15.
Hyman, Charles H., Penacook, N. H. Toy vehicle. Des. 63,052; Sept. 25.
Hyman, Edward, assignor to Schneider & Hyman, New York, N. Y. Ring. Des. 62,146; Mar. 27.
Hyman, Elizabeth A., Penacook, N. H. Toy. 1,472,842; Nov. 6.
Hyman, Henry, & Co. (See Drufva, John T., assignor.)
Hyman, Henry, & Company. (See Lipsky, Norman, assignor.)
Hyman & Oppenheim. (See Oppenheim, Jesse, assignor.)
Hymel, Laeonce F., New Orleans, La. Permutation switch. 1,469,651; Oct. 2.
Hyndes, George M., Dallas, Tex. Automatic ball-bearing side bearing for railway trucks. 1,465,908; Aug. 21.
Hyne, Charles J. C. W., Bradford, England. Apparatus for aerating liquids. 1,462,063; July 17.
Hynes, Lee P., assignor to Consolidated Car-Heating Company, Albany, N. Y. Emergency opener for car doors. 1,440,605; Jan. 2.
Hynes, Lee P., assignor to Consolidated Car-Heating Company, Albany, N. Y. Weatherproof electric heater. 1,458,940; June 19.
Hynes, Lee P., assignor to Consolidated Car-Heating Company, Albany, N. Y. Waterproof electric heater and its manufacture. 1,459,829; June 26.
Hynes, Lee P., assignor to Consolidated Car-Heating Company, Albany, N. Y. Door engine control. 1,460,382; July 3.
Hynes, Lee P., assignor to Consolidated Car-Heating Company, Albany, N. Y. Electric heater. 1,460,815; July 3.
Hynes, Lee P., assignor to Consolidated Car-Heating Company, Albany, N. Y. Electric heater. 1,464,280; Aug. 7.
Hynes, Lee P., assignor to Consolidated Car-Heating Company, Albany, N. Y. Electric heating system. 1,474,150; Nov. 13.

Hysko, Hipolit H., Detroit, Mich. Bell-trap floor drain. 1,469,790; Oct. 9.
Hyvert, Jean, St.-Denis, France. Fuel-saving device. 1,460,964; July 3.
I. C. Refrigeration Company. (See Calkins, Edward C., assignor.)
I. P. M. Syndicate Limited. (See Cross, C. F., and Bevan, assignors.)
Iacobacci, Domenico, Cleveland, Ohio. Multiple-speed drive mechanism. 1,471,162; Oct. 16.
Iacobitti, Giuseppe, Crockett, Calif. Lump-sugar-packing machine. 1,472,395; Oct. 30.
Iafrate, Michele, New York, N. Y. Automobile identification device. 1,473,556; Nov. 6.
Ianieri, Giovanni, Philadelphia, Pa. Drying machine. 1,459,912; June 26.
Iannetti, Michele. (See Newman, M. J., and Iannetti.)
Ianni, Emidio, New Derry, Pa. Rail joint. 1,470,167; Oct. 9.
Ibach, Benjamin F. (See Wright, A. W., and Ibach.)
Ibach, Emil. (See Budd, E. G., and Ibach.)
Ibach, Emil. (See Schenck, C., Bassett, and Ibach.)
Ibach, Emil, assignor, by mesne assignments, to Budd Wheel Company, Philadelphia, Pa. Wheel. 1,443,954; Feb. 6.
Ibach, Emil, assignor, by mesne assignments, to Budd Wheel Company, Philadelphia, Pa. Metal wheel. 1,470,742; Oct. 16.
Ibach, Peter, Konigswinter, Germany. Switch-actuating device. 1,471,163; Oct. 16.
Ickenroth, John, Richmond Heights, Mo. Headrest for motorists. 1,445,689; Feb. 20.
Icre, Baptiste, New York, N. Y. Propeller for vessels. 1,471,896; Oct. 23.
Icy-Hot Bottle Company, The. (See Altenberg, George P., assignor.)
Icy-Hot Bottle Company, The. (See Lindahl, Erick P., assignor.)
Iddings, Carl, Westend, Calif. Recovering borax from saline liquors. 1,476,890; Dec. 11.
Iddings, Roscoe C., Dayton, Ohio. Holder for fire extinguishers. 1,464,001; Aug. 7.
Ide, Harry H., La Grange, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system. 1,449,511; Mar. 27.
Ide, Harry H., La Grange, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Governor. 1,460,907; July 3.
Ide, Harry H., La Grange, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system. 1,463,164; July 31.
Ideal Automatic Train Control Company, The. (See Call, Ira A. and J. C., assignors.)
Ideal Electric & Manufacturing Co., The. (See Schou, T., and Behrens, assignors.)
Ideal Jewelry Manufacturing Company. (See Blanchard, Adna F., assignor.)
Ideal Jewelry Manufacturing Company. (See Maker, Fred S. and R. K., assignors.)
Ideal Stitcher & Manufacturing Company. (See Baumann, Gottfried P., assignor.)
Ideal Stitcher & Mfg. Co. (See Wolf, J., and Burger, assignors.)
Ideal Utilities, The. (See Barry, Howard F., assignor.)
Iftiger, William C., Los Angeles, Calif. Quickly-removable dust cap. 1,442,768; Jan. 16.
Ignition Lock Company of America, Inc. (See Gottesman, Herman, assignor.)
Igo, Thomas C., Cleveland, Ohio. Lens for automobile lamp. Des. 63,230; Nov. 6.
Igoe Bros. (See Woodward, George, assignor.)
Igoe Brothers. (See Tubbs, Earl D., assignor.)
Igranic Electric Company Limited. (See Wright, Stanley R., assignor.)
Ihamuotila, Karl R., Helsingfors, Finland. Electricity counter. 1,471,664; Oct. 23.
Ihlee, Frederick C., Peterborough, assignor to Joseph Baker Sons & Perkins Limited, London, England. Baking oven. 1,445,690; Feb. 20.
Ihrcke, Frank A., and C. A. Partenheimer, assignors to G. S. Johnston Company, Chicago, Ill. Goggles and the like. 1,442,070; Jan. 16.
Ihrig, Eugene E., and W. H. Schneider, assignors to Unit Coin Device Manufacturing Corporation, Pittsburgh, Pa. Container for coins. 1,449,410; Mar. 27.
Ihrig, Eugene E., and W. H. Schneider, assignors to Unit Coin Device Manufacturing Corporation, Pittsburgh, Pa. Coin holder. 1,475,829; Nov. 27.
Ikeda, Kwatsuji. (See Ito, Tamekichi, assignor.)
Ikegi, Takashi. (See Hasegawa, S., and Ikegi.)
Ikeler, Philip M., and H. D. McDonald, Moselle, Miss. Seed collecting device. 1,466,556; Aug. 28.
Ikerman, Frederick, et al. (See Ikerman, Wayne E., assignor.)
Ikerman, Wayne E., assignor of forty one-hundredths to B. Reinike and five one-hundredths to F. Ikerman, Long Beach, Miss. Aerial train. 1,451,830; Apr. 17.
Iklé, Charles F., New York, N. Y. Embroidered fabric. Des. 63,136; Oct. 16.
Iklé, Charles F., New York, N. Y. Embroidered fabric. Des. 63,179; Oct. 30.
Iklé, Charles F., New York, N. Y. Embroidered fabric. Des. 63,180; Oct. 30.
Iklé, Charles F., New York, N. Y. Embroidered fabric. Des. 63,181; Oct. 30.
Iklé, Charles F., New York, N. Y. Embroidered fabric. Des. 63,182; Oct. 30.
Ikoma, Frank, assignor of one-tenth to E. C. Beals, San Mateo, Calif. Flowerpot-cleaning machine. 1,444,420; Feb. 6.
Ile, William, Lynbrook, assignor to Hemco Electric Manufacturing Company, Inc., New York, N. Y. Electric fuse plug. 1,460,675; July 3.
Iles, John L. and J. T., Magnolia Springs, Ala. Apparatus for automatically controlling the headlights of automobiles. 1,460,965; July 3.
Iles, John T. (See Iles, John L. and J. T.)
Ilg Electric Ventilating Company. (See Ilg, Robert A., assignor.)
Ilg Electric Ventilating Company. (See Sutcliffe, Arthur G., assignor.)
Ilg, Robert A., assignor to Ilg Electric Ventilating Company, Chicago, Ill. Self-cooled electric motor. 1,466,364; Aug. 28.
Ilich, Ustos, San Diego, Calif. Automobile bumper. 1,467,640; Sept. 11.
Illch, Herbert H., New York, N. Y. Attachment shield for automobile windshields. 1,450,551; Apr. 3.
Illemann, Robert, Glasgow, Scotland. Nonconducting material. 1,450,856; Apr. 3.
Illgen, Rudolph B., Des Moines, Iowa. Autoplane. 1,445,953; Feb. 20.
Illingworth Carbonization Company. (See Illingworth, Stewart R., assignor.)
Illingworth, Stewart R., Brynfedwen, Radyr, Wales. Production of smokeless fuels and coke. 1,445,954; Feb. 20.
Illingworth, Stewart, R., Radyr, Glamorgan, Wales, assignor to Illingworth Carbonization Company, Limited, Manchester, England. Coking of coal. 1,450,888; Apr. 3.
Illingworth, Stewart R., Brynfedwen, England, assignor to Illingworth Carbonization Company, Limited, Manchester, England. Coking of coal. 1,462,576; July 24.
Illinois Gasket Co. (See Zommer, W. P., and Magdziarz, assignors.)
Illinois Glass Company. (See Bethel, Albert R., assignor.)
Illinois Glass Company. (See Hillmann, Hans, assignor.)
Illinois Tool Works. (See Hofstetter, Robert, assignor.)
Illinois Tool Works. (See Olson, Carl G., assignor.)
Illinois Watch Case Company. (See Bates, George T., assignor.)
Illinois Watch Case Company. (See Eppenstein, Irving B., assignor.)
Illumno Sign Company. (See Hammack, W. G., and Horne, assignors.)
Ilsemann, Friedrich, Bremen-Horn, Germany. Locking nut. 1,445,955; Feb. 20.
Ilsemann, Friedrich, Remscheid, Germany. Jack. 1,456,379; May 22.
Imhof, Joseph A., New York, and J. Charters, Astoria, assignors to Invisible Color Print Corporation, New York, N. Y. Print and making the same. 1,447,723; Mar. 6.
Imhoff, Karl, Essen, Germany. Combined sludge separating and drying basin. 1,456,312; May 22.
Imhoff, Karl, Essen, Germany. Clearing plant with sludge decomposition. 1,456,557; May 29.
Imhoff, Karl, and H. Blunk, Essen, Germany. Letting off sludge from sludge-digesting tanks. 1,445,439; Feb. 13.
Imholz, Rudyard K., Portland, Oreg. Swivel coupling. 1,445,396; Feb. 13.
Imler, Albert E., Kalkaska, Mich. Tractor hitch. 1,475,390; Nov. 27.
Immel, Elmond C., Cisco, assignor of one-half to E. T. Murray, Eastland, Tex. Casing spear. 1,460,099; June 26.
Imparato, Vincenzo, Long Island City, N. Y. Doorbell. 1,478,391; Dec. 25.
Impellizieri, Joseph, Brooklyn, N. Y. Power-transmission mechanism. 1,451,616; Apr. 10.
Imperial Brass Manufacturing Company. (See Dorsey, Parmer, assignor.)
Imperial Furniture Company. (See Cameron, Thomas C., assignor.)
Imperial Glass Company. (See Oldham, Charles W., assignor.)
Imperial Player Roll Company. (See Fisher, John A., assignor.)
Imperial Trust for the Encouragement of Scientific and Industrial Research. (See Morgan, Gilbert T., assignor.)
Impey, Robert R. (See Platt, F. L., Hein, and Impey.)
Impol, Woldmar H., New York, N. Y. Sign holder. 1,471,164; Oct. 16.
Improved Paper Machinery Company. (See Haug, Anton J., assignor.)
Inaki, Toyojiro, Fresno, Calif. Washing machine. 1,461,354; July 10.
Indahl, Mauritz C. (See Bancroft, J. S., and Indahl.)
Indahl, Mauritz C., assignor to Lanston Monotype Machine Company, Philadelphia, Pa. Typographic border mechanism. 1,465,272; Aug. 21.

Independence Stove and Furnace Company. (See Crick, Thomas, assignor.)
Independent Contact Manufacturing Co. (See Laise, C. A., and Hollopeter, assignors.)
Independent Gasaver Corporation. (See Gardner, William R., assignor.)
Independent Paper Mills, Inc. (See Horwitt, Paul H., assignor.)
Independent Pneumatic Tool Company. (See Norling, Reinhold A., assignor.)
Independent Stove Co., The. (See Robinson, William V., assignor.)
Index Visible, Inc. (See Day, William H., assignor.)
India Rubber Company. (See Weida, Harry, assignor.)
India Tire & Rubber Company, The. (See Lerch, William G., assignor.)
India Tire and Rubber Company, The. (See Worth, Paul, assignor.)
Indiana Lamp Company. (See Foster, Henry C., assignor.)
Indianapolis Manufacturing Company. (See Norris, John E., assignor.)
Indispensable Manufacturing Company. (See Johnson, Carl V., assignor.)
Industrial Controller Company. (See Van Valkenburg, Hermon L., assignor.)
Industrial Furnace Corporation. (See Breaker, Harry O., assignor.)
Industrial Research Co. (See Dolbear, Clinton E., assignor.)
Industrial Research Corporation. (See Brockway, Carl P., assignor.)
Industrial Research Corporation. (See Buchenberg, Alvin E., assignor.)
Industrial Research Corporation. (See Eichenberg, William J., assignor.)
Industrial Research Corporation. (See Gordon, Hayner H., assignor.)
Industrial Research Corporation. (See Green, Charles F., assignor.)
Industrial Research Corporation. (See Huebner, Otto E., assignor.)
Industrial Research Corporation. (See Huntley, Ernest R., assignor.)
Industrial Research Corporation. (See Myers, Don D., assignor.)
Industrial Research Limited. (See Wiederhold, H., and Ehrenberg, assignors.)
Infante, Carlos D., Leon, Mexico. Automatic phonograph. 1,465,909; Aug. 21.
Ing. Camillo Olivetti & C. (See Modigliani, Gino, assignor.)
Ingalls, Frederick A., Bremen, Ill., assignor to Wyman-Gordon Company, Worcester, Mass. Earth-boring apparatus and making same. 1,442,949; Jan. 23.
Ingalls, Joseph B., Chicago, Ill. Coin-bank register. 1,460,908; July 3.
Ingalls, Perry E., Chicago, Ill. Hypodermic-needle base. 1,470,981; Oct. 16.
Ingells, James, Muskegon, Mich. Dirigible headlight. 1,442,950; Jan. 23.
Ingels, Clarence W., Washington, D. C. Apparatus for measuring intervals of time. 1,475,232; Nov. 27.
Ingersoll, Fred, Omaha, Nebr. Frying-pan-cover holder. 1,451,545; Apr. 10.
Ingersoll, Frederick T., Omaha, Nebr. Foot-operated musical instrument. 1,463,509; July 31.
Ingersoll, Homer H., St. Louis, Mo. Upholstering machine. 1,469,513; Oct. 2.
Ingersoll, Howard L., White Plains, N. Y. Draft mechanism. 1,447,178; Mar. 6.
Ingersoll, Howard L., White Plains, N. Y. Booster motor for locomotives. 1,470,082; Oct. 9.
Ingersoll, Howard L., White Plains, N. Y., assignor to Commonwealth Steel Company, St. Louis, Mo. Cast-steel platform. 1,456,802; May 29.
Ingersoll, Howard L., White Plains, and T. L. Burton, New York, N. Y. Superheater for locomotives. 1,450,178; Apr. 3.
Ingersoll, John L., Evart, Mich. Bow-facing oar. 1,473,557; Nov. 6.
Ingersoll Milling Machine Company, The. (See Caldwell, Harry J., assignor.)
Ingersoll Milling Machine Company. (See Rose, H. C., and Oberhoffken, assignors.)
Ingersoll-Rand Company. (See Bayles, Lewis C., assignor.)
Ingersoll-Rand Company. (See Bayles, L. C., and Slater, assignor.)
Ingersoll-Rand Company. (See Brackett, John C., assignor.)
Ingersoll-Rand Company. (See Christmas, Adolph F., assignor.)
Ingersoll-Rand Company. (See Ditson, Jesse, assignor.)
Ingersoll-Rand Company. (See Ditson, J., and Parkhill, assignors.)
Ingersoll-Rand Company. (See Ditson, J., and Peters, assignors.)
Ingersoll-Rand Company. (See Fulton, J. S., and McIntyre, assignors.)
Ingersoll-Rand Company. (See Guiley, Henri A., assignor.)
Ingersoll-Rand Company. (See Haight, Harry V., assignor.)
Ingersoll-Rand Company. (See Hansen, Charles C., assignor.)
Ingersoll-Rand Company. (See Hirgan, John F., assignor.)
Ingersoll-Rand Company. (See Jimerson, Francis A., assignor.)
Ingersoll-Rand Company. (See Jones, Joseph W., assignor.)
Ingersoll-Rand Company. (See Kirgan, John F., assignor.)
Ingersoll-Rand Company. (See McIntyre, James K., assignor.)
Ingersoll-Rand Company. (See Metzgar, Chester W., assignor.)
Ingersoll-Rand Company. (See Morrow, Howard W., assignor.)
Ingersoll-Rand Company. (See Parsons, Frederick W., assignor.)
Ingersoll-Rand Company. (See Prellwitz, William, assignor.)
Ingersoll-Rand Company. (See Slater, Fred M., assignor.)
Ingersoll-Rand Company. (See Taylor, Albert H., assignor.)
Ingersoll, William P. (See Walker, Earl C., assignor.)
Ingham, Emanuel, Washington, D. C. Method and apparatus for weaving textile fabrics. Re. 15,536; Feb. 6.
Ingle, Arthur H. (See Trosch, Alfred, assignor.)
Ingle, Arthur H. (See Ward, Wallace E., assignor.)
Ingle, William D., and R. H. Jackson, Oakland City, Ind. Mechanical spragging device. 1,442,667; Jan. 16.
Ingledue, William I., Melbourne, Iowa. Steerable vehicle light. 1,454,379; May 8.
Inglehart, Walter A., Oakville, Ontario, Canada. Oil burner. 1,449,411; Mar. 27.
Inglis, Henry B., Dayton, Ohio. Gun mount with remote control. 1,471,398; Oct. 23.
Ingman, Oscar, Calumet, Mich. Harrower and pulverizer. 1,455,729; May 15.
Ingman, Thomas M., et al. (See Hughes, Cora E., assignor.)
Ingold, Fredrick C., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Method and apparatus for inserting support wires. 1,478,859; Dec. 25.
Ingraham, Leo L., assignor of one-fourth to E. Whipkey, Gooding, Idaho. Pump. 1,456,694; May 29.
Ingram, Alfred and H., Brooklyn, N. Y., assignors, by mesne assignments, to Hazel-Atlas Glass Company, Wheeling, W. Va. Closure for jars, tumblers, and other receptacles. 1,463,892; Aug. 7.
Ingram, Harry. (See Ingram, Alfred and H.)
Ingram, John C., Chicago, Ill., assignor to The American Cotton Oil Company, New York, N. Y. Making soap powder. 1,472,472; Oct. 30.
Ingram, John C., Chicago, Ill., assignor to The American Cotton Oil Company, New York, N. Y. Finely-divided soap and manufacturing the same. 1,472,473; Oct. 30.
Ingram, Joseph A., Atlantic City, N. J. Machine for rolling piston rings. 1,470,743; Oct. 16.
Ingram, Oscar L., Walla Walla, Wash. Demountable rim. 1,455,730; May 15.
Ingram, Walter B., St. Louis, Mo. Thermo system for internal-combustion engines. 1,455,335; May 15.
Ingram, Walter L., Montgomery, Ala. Automobile signal system. 1,464,531; Aug. 14.
Ingram, Walter M., Baltimore, Md. Joint. 1,464,386; Aug. 7.
Ingstead, Ole, Lowell, Mass. Combination tool. 1,461,392; July 10.
Inhelder, William, Toronto, Ontario, Canada. Glider. 1,469,156; Sept. 25.
Inland Steel Company. (See Murton, Crawford B., assignor.)
Inland Steel Company. (See Stefan, Jacob, jr., assignor.)
Inman, William. (See Hammond, C., and Inman.)
Inman, William, Laporte, Ind. Fuel-oil filter. 1,468,906; Sept. 25.
Innes, Harry C., Hartwell, Ohio. Toy. 1,442,887; Jan. 23.
Innes, William T., Philadelphia, Pa. Bank deposit slip. 1,449,999. Mar. 27.
Inskeep, Mont E., Wilson, Okla. Packer plug. 1,443,474; Jan. 30.
Insogna, Matthew L. (See De Luca, P. C., and Insogna.)
Instant Changeable Tire Rim Co. Inc. (See Kaplan, S., and Howell, assignors.)
Instant Hot Primer Company. (See Sweet, Frederick D., assignor.)
Intarvin Co. Inc. (See Kahn, Max, assignor.)
Interlocking Metal Forms. (See Neuberger, Henry C., assignor.)
International Banding Machine Company. (See Malocsay, Francis X., assignor.)
International Bolting Tool Corporation. (See Olhasso, J. J., Goss, and Pos, assignors.)
International Cigar Machinery Company. (See Rundell, Rupert E., assignor.)
International Cigar Machinery Company. (See Wahlstrom, Verner J., assignor.)
International Clay Machinery Company. (See Wentzel, Clifford E., assignor.)

International Coal Products Corporation. (See Richardson, Charles E., assignor.)
International Concrete Corporation. (See Wightman, Sherburne H., assignor.)
Interlocking Construction Corporation. (See Pipitone, Charles, assignor.)
International Corset Company. (See Schopbach, Charles H., assignor.)
International Cotton Protecting Company. (See Haley, Henry V., assignor.)
International Derrick & Equipment Company, The. (See Bloss, Richard R., assignor.)
International Devices Inc. (See Mackrodt, John A., assignor.)
International Earth-Boring Machine Corporation. (See Gehrandt, Gustav R., assignor.)
International Filler Corporation. (See Gillespie, S., and Shelor, assignors.)
International Filter Co. (See Green, Walter H., assignor.)
International Filter Co. (See Hughes, W. J., and Behrman, assignors.)
International Gas, Power and Appliance Company. (See Meyers, Roy J., assignor.)
International Harvester Company. (See Beall, William L., assignor.)
International Harvester Company. (See Benjamin, Bert R., assignor.)
International Harvester Company. (See Benjamin, B. R., and Pearson, assignors.)
International Harvester Company. (See Benjamin, B. R., Webber, and Pearson, assignors.)
International Harvester Company. (See Bozard, H. B., and Robinson, assignors.)
International Harvester Company. (See Buchanan, Judson, assignor.)
International Harvester Company. (See Cady, Sherman W., assignor.)
International Harvester Company. (See Charles, Edward S., assignor.)
International Harvester Company. (See Cox, Henry G., assignor.)
International Harvester Company. (See Dennis, Samuel K., assignor.)
International Harvester Company. (See Dwyer, W. C., and Mitchell, assignors.)
International Harvester Company. (See Ford, Ralph L., assignor.)
International Harvester Company. (See French, Charles A., assignor.)
International Harvester Company. (See Grieves, Albert, assignor.)
International Harvester Company. (See Hagadone, Clinton A., assignor.)
International Harvester Company. (See Holland-Letz, Lud., assignor.)
International Harvester Company. (See Howland, H. P., and Wiley, assignors.)
International Harvester Company. (See Johnston, Edward A., assignor.)
International Harvester Company. (See Johnston, E. A., and Engstrom, assignors.)
International Harvester Company. (See Jones, Emile W., assignor.)
International Harvester Company. (See Kaspari, Mathias J., assignor.)
International Harvester Company. (See Kings, Thomas W., assignor.)
International Harvester Company. (See Kowalsky, Andrew, assignor.)
International Harvester Company. (See Lindgren, Alexus C., assignor.)
International Harvester Company. (See Mitchell, Robert M., assignor.)
International Harvester Company. (See Mott, Carl W., assignor.)
International Harvester Company. (See Mowry, Edward, assignor.)
International Harvester Company. (See Mowry, E., and Kane, assignors.)
International Harvester Company. (See Moxey, James A., assignor.)
International Harvester Company. (See Pearson, Charles, assignor.)
International Harvester Company. (See Raney, Clemma R., assignor.)
International Harvester Company. (See Slivinski, Hugo R., assignor.)
International Harvester Company. (See Smith, William H. F., assignor.)
International Harvester Company. (See Sperry, Herbert B., assignor.)
International Harvester Company. (See Weber, William, assignor.)
International Heating Company. (See Yewell, James M., assignor.)
International Mailing Tube and Wrapper Company. (See Greve, Herman L., assignor.)
International Motor Company. (See Adams, W. R., and Pound, assignors.)
International Motor Company. (See Bolger, Robert S., assignor.)
International Motor Company. (See Carter, Samuel C., assignor.)
International Motor Company. (See Dieter, James F., assignor.)
International Motor Company. (See Frins, M. C., and Drumm, assignors.)
International Motor Company. (See Herreshoff, Alexander G., assignor.)
International Motor Company. (See Josephs, L. C., jr., and Cutten, assignors.)
International Motor Company. (See Josephs, L. C., jr., and Wirrer, assignors.)
International Motor Company. (See Leipert, August H., assignor.)
International Motor Company. (See Lipcot, F. L., Drumm, and Frins, assignors.)
International Motor Company. (See Lotz, Walter P., assignor.)
International Motor Company. (See Lutz, Winfield S., assignor.)
International Motor Company. (See Manville, Keith R., assignor.)
International Motor Company. (See Masury, Alfred F., assignor.)
International Motor Company. (See Masury, A. F., and Bolger, assignors.)
International Motor Company. (See Masury, A. F., and Leipert, assignors.)
International Motor Company. (See Post, Edwin M., jr., assignor.)
International Motor Company. (See Utzinger, Arthur J., assignor.)
International Motor Company. (See Wirrer, G., and Moyer, assignors.)
International Nitrogen Co. (See Reid, James H., assignor.)
International Packing Machine Company. (See Lev, Frank W., assignor.)
International Paper Box Machine Company. (See Goss, Harold J., assignor.)
International Paper Company. (See Beadle, George W., assignor.)
International Paper Company. (See Hollenbeck, Paul V., assignor.)
International Paper Company. (See Hutchins, Edward, assignor.)
International Patent Investment Corporation. (See Malluk, A. M., and Korée, assignors.)
International Postal Supply Company, The. (See Reoch, George H., assignor.)
International Precipitation Company. (See Anderson, Evald, assignor.)
International Precipitation Company. (See Anderson, E., and Schmidt, assignors.)
International Precipitation Company. (See Möller, E., and Hoss, assignors.)
International Precipitation Company. (See Schmidt, Arthur A., assignor.)
International Precipitation Company. (See Schmidt, Walter A., assignor.)
International Precipitation Company. (See Sheek, Walter A., assignor.)
International Precipitation Company. (See Weiskoff, Charles H., assignor.)
International Precipitation Company. (See Welch, H. V., and Sheek, assignors.)
International Precipitation Company. (See Witte, Gustav A., assignor.)
International Process and Engineering Corporation. (See Toth, Charles J., assignor.)
International Scale Company. (See Craig, Robert, assignor.)
International Scale Company. (See Gilbert, William N., assignor.)
International Scale Company. (See Hopkinson, J., and Freed, assignors.)
International Scale Company. (See Osgood, Louis A., assignor.)
International Scale Company. (See Osgood, L. A., and Wolf, assignors.)
International Scale Company. (See Wolf, Elmer E., assignor.)
International Siegwartbalken-Gesellschaft. (See Schröder, Ferdinand, assignor.)
International-Siegwartbalken-Gesellschaft. (See Smreker, Oscar, assignor.)
International Signal Co. (See Webb, Jean F., jr., assignor.)
International Silver Company. (See Beck, Ernest T., assignor.)
International Silver Company. (See Geib, William, assignor.)
International Silver Company. (See Kintz, Alfred G., assignor.)
International Silver Company. (See Kintz, Robert R., assignor.)
International Silver Company. (See Leech, John, assignor.)
International Silver Company. (See Mowry, William F., assignor.)
International Silver Company. (See Stohr, Samuel, assignor.)

International Steel Tie Company, The. (See Day, William P., assignor.)
International Textile Devices, Inc. (See Ashworth, Asa, assignor.)
International Textile Devices, Inc. (See Ashworth, Harry G. and A., assignors.)
International Ticket Company. (See Stiriss, Jacob, assignor.)
International Time Recording Company. (See Bryce, J. W., and Anderson, assignors.)
International Time Recording Company of New York, The. (See Bryce, James W., assignor.)
International Time Recording Company of New York, The. (See Freeman, Ernest C., assignor.)
International Time Recording Company of New York. (See Odell, George W., assignor.)
International Torpedo Boat Corporation. (See Shearer, William B., assignor.)
International Welding Engineering Corporation. (See Hollup, Charles H., assignor.)
Interstate Folding Box Company. (See Bergstein, Samuel, assignor.)
Interstate Folding Box Company. (See Butterfield, Charles, assignor.)
Interstate Iron and Steel Company. (See Kilmer, E. F., and Groth, assignors.)
Interstate Iron and Steel Company. (See McGaff, John, assignor.)
Interstate Iron and Steel Company. (See Smith, George M., assignor.)
Inter-State Optical Corporation. (See Kirkegaard, Georg, assignor.)
Interstate Railway Supply Company, The. (See Stephens, Henry, assignor.)
Interstate Window Glass Company. (See Walter, Hugo J., assignor.)
Intertype Corporation. (See Freund, Herman R., assignor.)
Intertype Corporation. (See Homans, Thomas S., assignor.)
Intertype Corporation. (See Sperry, Samuel E., assignor.)
Intlehouse, Emil H. (See Steedsman, V. D., and Intlehouse.)
Investors Securities Company, The, et al. (See Collman, Maurice, assignor.)
Invisible Color Print Corporation. (See Imhof, J. A., and Charters, assignors.)
Iochum, Marie L., Paris, France. Atmospheric turbine. 1,447,853; Mar. 6.
Ionides, Alexander C., jr., London, England. Means for controlling elastic fluids. 1,445,691; Feb. 20.
Ionite Storage Battery Co. (See Williams, Albert H., assignor.)
Ioor, John P., Philadelphia, Pa. Window screen. 1,459,155; June 19.
Iowa Can Company. (See Loufek, Joseph, assignor.)
Ipsen, Carl L., Schenectady, N. Y., assignor to General Electric Company. Electric resistance furnace. 1,456,107; May 22.
Ipsen, Henrik, Brooklyn, N. Y. Bottle closure. 1,447,082; Feb. 27.
Irby, Matilda B. (See Bonifacino, L. C., and Irby.)
Iredale, James M. (See Heming, Edward F., assignor.)
Iredell, Robert, assignor to The General Tire and Rubber Company, Akron, Ohio. Resilient tire. Des. 62,536; June 19.
Ireland, George B., assignor to Taylor Instrument Companies, Rochester, N. Y. Combined pressure-indicating and valve-operating mechanism. 1,464,907; Aug. 14.
Ireland, Percy M. D., Heidelberg, Victoria, Australia. Trolley-pole safety appliance for electric trams and the like. 1,448,350; Mar. 13.
Ireland, Ward S., St. Louis, Mo., assignor, by mesne assignments, to The Davis Sewing Machine Company. Adjustable support for clothes wringers. 1,474,969; Nov. 20.
Irey, John H., Muscatine, Iowa, assignor to Portable Elevator Mfg. Co., Bloomington, Ill. Wall structure for corncribs and the like. Re15,630; June 19.
Iribe, Paul, New York, N. Y. Phonograph cabinet. 1,453,464; May 1.
Irish, John F. (See Howe, R. A., and Irish.)
Irish, William E., assignor to The Hydraulic Pressed Steel Company, Cleveland, Ohio. Fluid-pressure system. 1,450,372; Apr. 3.
Iron City Products Company. (See Arnold, Edwin E., assignor.)
Irons, Gerald E., Coraopolis, Pa., assignor to American Dressler Tunnel Kilns, Inc., New York, N. Y. Tunnel-kiln oil burner. 1,465,011; Aug. 14.
Irons & Russell Company. (See Russell, Albert I., assignor.)
Ironton Engine Company, The. (See Youmans, William R., assignor.)
Irsch, Jacob, Long Island City, and J. Markey, New York, N. Y. Amusement device. 1,458,884; June 12.
Irvin, John M., Dalhart, Tex. Tourist's tent. 1,446,296; Feb. 20.
Irvin, Roy. (See Kohman, H. A., Irvin, and Cross.)
Irvine, Alexander. (See Osborne, Thomas J., assignor.)
Irvine, Frank S., Huntington, assignor to Western Electric Company, Incorporated, New York, N. Y. Automatic switch. 1,461,528; July 10.
Irving, James, jr., Cold Brook, N. Y. Wire fastener for fenceposts. 1,458,825; June 12.
Irving, John, and A. J. Rison, Wanganui, Wellington, New Zealand. Stamp and making same. 1,467,110; Sept. 4.
Irving, Joseph, Bisbee, Ariz. Leaching of copper ores and recovery of copper. 1,451,734; Apr. 17.
Irving-Pitt Manufacturing Company. (See Pitt, Frederick D., assignor.)
Irving-Pitt Manufacturing Company. (See Pitt, William P., assignor.)
Irwin Auger Bit Company, The. (See Daulton, B. H., and Robinson, assignors.)
Irwin Auger Bit Company, The. (See Schellenbach, W., and Robinson, assignors.)
Irwin, Clifton W., Los Angeles, and N. V. D. Brock, Santa Ana, Calif.; said Irwin assignor to said Brock. Press. 1,471,608; Oct. 23.
Irwin, George H., Chicago, Ill., assignor to Utilities Development Corporation, Chicago, Ill. Reversible differential gearing for vehicles. 1,459,894; June 26.
Irwin, Herbert G., Amarillo, Tex. Vehicle wheel repair washer. 1,446,422; Feb. 20.
Irwin, Herbert G., Floydada, Tex. Heating primer. 1,454,929; May 15.
Irwin, Robert U., Oshawa, Ontario, Canada. Sharpening device. 1,451,831; Apr. 17.
Irwin, Roy H., Seattle, Wash. Building construction. 1,452,426; Apr. 17.
Irwin, Steve A., Robinson, Ill. Attachment for jacks. 1,461,355; July 10.
Isaachsen, Isak, Christiania, assignor to A/S De Norske Saltverker, Bergen, Norway. Method of treating solutions to obtain solid constituents thereof separated in a coarse condition. 1,478,337; Dec. 18.
Isaacs, Bernhardt B., and J. E. Marqua, assignors to The J. E. Marqua Company, Cincinnati, Ohio. Projecting lantern. 1,450,179; Apr. 3.
Isaacs, Mortimer, Helena, Ark. Road sign. Des. 63,260; Nov. 13.
Isaacs, Sebright B., Kansas City, Mo. Spoon. 1,452,464; Apr. 17.
Isaacsen, Albert J., Salt Lake City, Utah. Tag holder. 1,471,485; Oct. 23.
Isbell, Charles A., Pasadena, assignor of one-half to W. E. Miller, Los Angeles, Calif. Theft alarm. 1,471,733; Oct. 23.
Isbell, John F., Alhambra, assignor of one-half to F. M. Townsend, Los Angeles, Calif. Ball mill. 1,441,584; Jan. 9.
Isbell, Louis S. (See Murphy, T. H., Isbell, and Sawyer.)
Isbills, William L., Elizabeth, N. J. Friction wheel 1,457,524; June 5.
Isbills, William L., Elizabeth, N. J. Friction wheel 1,457,525; June 5.
Ischinger, Eric, assignor of one-half to F. Keiper, Rochester, N. Y. Guard for punch presses. 1,474,366; Nov. 20.
Iscowitz, Isaac, New York, N. Y. Box. 1,445,593; Feb. 13.
Iseler, Albert G. W., et al. (See Edler, Eduard, assignor.)
Iseli, Otto. (See Grundhand, L., and Iseli.)
Iseman, Paul, et al. (See Hope, Frederick T., assignor.)
Isenberg, Rudolf A., San Francisco, Calif. Motor-vehicle testing device. 1,464,763; Aug. 14.
Isenhour, Jacob G., Danville, Va. Dispensing apparatus. 1,467,729; Sept. 11.
Ishbia, David, Palisades, N. J. Display sign. 1,453,679; May 1.
Isherwood, Arthur, assignor to Thomas Leyland & Co., Inc., Readville, Mass. Spreader cylinder and the like. 1,457,276; May 29.
Ishibashi, Katsuro, assignor to American Steel Foundries, Chicago, Ill. Six-wheel-truck equalizing arrangement. 1,445,890; Feb. 20.
Isidor, Joseph S., Newark, N. J., assignor to The R. Neumann Hardware Co. Bag - frame fastener. 1,452,837; Apr. 24.
Isidor, Joseph S., Newark, N. J., assignor to The R. Neumann Hardware Co. Bag-frame fastener. 1,469,478; Oct. 2.
Iskow, Harry E., Detroit, Mich. Safety device. 1,475,998; Dec. 4.
Isler, Edwin O. (See King, H. A., and Isler.)
Isley, George H., assignor to Morgan Construction Company, Worcester, Mass. Valve. 1,460,587; July 3.
Isley, George H., assignor to Morgan Construction Company, Worcester, Mass. Method of and apparatus for reversing and controlling regenerative furnaces. 1,464,002; Aug. 7.
Isnow, Demetry. (See Altschuler, J., and Isnow.)
Isola, Louis J., assignor to P. Pastene & Co., Inc., Boston, Mass. Bottle. Des. 62,571; June 26.
Isom, Benjamin O., Marysville, Mich. Spindle. 1,478,338; Dec. 18.
Israel, Eli, Wilkes-Barre, Pa. Lamp holder for miners' caps. 1,466,300; Aug. 28.
Israel, Eli, Wilkes-Barre, Pa. Carbide container. 1,471,793; Oct. 23.

Israel, Lester L. (now by judicial change of name Lester L. Jones), New York, N. Y. Radioreception. 1,471,165; Oct. 16.
Israel, Sidney M., Woodhaven, N. Y. Adjustable support for electric-light candles. 1,475,768; Nov. 27.
Israel, William, Wilkes-Barre, Pa. Lamp-supporting attachment for miners' caps. 1,470,923; Oct. 16.
Ithomitis, Apostolos C., Raymond, Wash. Automatic firearm. 1,442,951; Jan. 23.
Ithomitis, Apostolos C., Raymond, Wash. Automatic pistol. 1,444,686; Feb. 6.
Ito, Tamekichi, assignor of one-half to K. Ikeda, Tokyo, Japan. Paving stone. 1,456,259; May 22.
Ittel, William D., Houston, Tex. Wrench. 1,463,822; Aug. 7.
Ivancic, Alma, administratrix. (See Ivancic, Milan.)
Ivancic, Milan, deceased, by A. Ivancic, administratrix, Kilchberg, Switzerland. Baking device. 1,456,238; May 22.
Ivancic, Milan, deceased, Kilchberg, by A. Ivancic, administratrix, Zurich, Switzerland. Cooking device. 1,461,092; July 10.
Ivandick, Mathew G., North Chicago, Ill. Automobile signal. 1,455,054; May 15.
Ivarson, Victor, Cleghorn, assignor to W. F. Hutton, Cherokee, Iowa. Tractor attachment. 1,462,341; July 17.
Ivers-Lee Company. (See Macdonald, C. H., and Salfisberg, assignors.)
Ivers-Lee Company. (See Salfisberg, Leroy L., assignor.)
Iversen, Lorenz, Pittsburgh, Pa. Back shear table. 1,453,319; May 1.
Ives, Edward L., assignor to Freyn, Brassert & Company, Chicago, Ill. Blast-furnace stock-line protection. 1,459,895; June 26.
Ives, Frederic E., Philadelphia, Pa. Photometer. 1,457,076; May 29.
Ives, Herbert E., Montclair, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. High-temperature measurement. 1,449,512; Mar. 27.
Ivey, William T., Lyons, Ga. Rim tool. 1,446,423; Feb. 20.
Ivie, Emory M., Atlanta, Ga. Truck frame for railway cars. 1,463,893; Aug. 7.
Ivie, Leon, Salina, Utah. Tool for repairing wire fences. 1,465,910; Aug. 21.
Ivor, Barry, Chicago, Ill. Odorless oil-burning heating stove. 1,465,043; Aug. 14.
Ivory, James W. (See Arrowsmith, George M., assignor.)
Ivory, James W., Philadelphia, Pa. Tooth separator. 1,464,632; Aug. 14.
Ivory, James W., Philadelphia, Pa. Dental matrix clamp. 1,476,975; Dec. 11.
Ivory, James W., Philadelphia, Pa. Vibratory controlling device for dental and surgical instruments. 1,476,976; Dec. 11.
Iwen, Edwin W., Shawano, Wis. Cheese box. 1,478,181; Dec. 18.
Izard, Henry, Portland, Oreg. Oil burner. 1,461,908; July 17.
Izawa, Riichiro, Shimogyo-ku, Kyoto, Japan. Toothbrush. 1,466,723; Sept. 4.
Izenstark, Pinkie. (See Haggerty, Frank, assignor.)
J & B Stabilizer Corp. (See Johnson, Paul W., assignor.)
J. G. Brill Company, The. (See Adams, Walter S., assignor.)
J. H. & F. A. Sells Company, The. (See Woodward, John H., assignor.)
J. & P. Coats, Limited. (See Sutton, William H., assignor.)
J. & P. Coats (R. I.) Inc. (See Westcott, Valorus S., assignor.)
Jablow, Charles, East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Centering device for locomotives. 1,448,406; Mar. 13.
Jabner, Louis, Jersey City, N. J. Clasp. 1,459,673; June 19.
Jabner, Louis, Jersey City, N. J. Clasp. 1,459,674; June 19.
Jaburg Bros. Inc. (See Hasenbein, Harry J., assignor.)
Jack, Alexander G. M. (See Hadfield, R. A., and Jack.)
Jack, Alexander G. M., Sheffield, England. Flexible supporting means suitable for use in suspension transporter arrangements and for other purposes. 1,463,165; July 31.
Jackman, Harry, Forman, N. Dak. Brooder. 1,442,527; Jan. 16.
Jackoboice, Edward J., Grand Rapids, Mich. Road scraper. 1,478,436; Dec. 25.
Jacks, Silvie O., Sacramento, Calif. Window lock. 1,442,888; Jan. 23.
Jackson, Alfred E., and H. Goodfellow, Southport, England. Vehicle. 1,442,769; Jan. 16.
Jackson, Arthur. (See Howie, T., and Jackson.)
Jackson, Bennett H., assignor to Western Electric Company, Incorporated, New York, N. Y. Manufacturing loading coils. 1,448,542; Mar. 13.
Jackson, C. Hewlett. (See Moore, Lonnie M., assignor.)
Jackson, Charles, and W. L. Huxter, assignors, by mesne assignments, to The National Auto Lock Company, Baltimore, Md. Device to prevent stealing of automobiles. 1,472,843; Nov. 6.
Jackson, Chester E., Ovid, Mich. Poultry coop. 1,468,815; Sept. 25.
Jackson & Church Company. (See Church, Edgar D., assignor.)
Jackson & Church Company. (See Church, E. D., Lash, and Van Brunt, assignors.)
Jackson Company, The. (See Jackson, Maxey, assignor.)
Jackson Compressor Company, The. (See Jackson, Henry O., assignor.)
Jackson, Crusselle B., Hartsells, Ala. Tire protector. 1,453,140; Apr. 24.
Jackson, Elmer G., Elmhurst, Ill. Rerailer. 1,458,061; June 5.
Jackson, Ernest W., Sausalito, Calif. Speed-change gear. 1,457,526; June 5.
Jackson, Frank W., Tompkinsville, N. Y. Automobile tool. 1,455,617; May 15.
Jackson, Frederic W., and C. E. Willson, Regina, Saskatchewan, Canada. Luggage-carrier attachment for automobiles. 1,444,507; Feb. 6.
Jackson, Frederick J., Auckland, New Zealand. Anchor. 1,459,768; June 26.
Jackson, George, New Haven, Conn. Building construction. 1,472,654; Oct. 30.
Jackson, George E., assignor to The B. & J. Manufacturing Company, Springfield, Ohio. Foundry flask. 1,447,786; Mar. 6.
Jackson, George F., Blackburn, England. Air-moistening apparatus. 1,441,425; Jan. 9.
Jackson, Graham H., Newark, N. J., assignor to Universal Tobacco Machine Company, New York, N. Y. Tobacco-leaf-booking drum. 1,461,122; July 10.
Jackson, Graham H., Newark, N. J., assignor to Universal Tobacco Machine Company, New York, N. Y. Tobacco-leaf-booking machine. 1,461,150; July 10.
Jackson, Graham H., Newark, N. J., assignor to Universal Tobacco Machine Co., New York, N. Y. Tobacco-leaf machine. 1,461,529; July 10.
Jackson, Harry H. (See Gouldbourn, J., and Jackson.)
Jackson, Harry L., Palo Alto, Calif. Handwheel grip. 1,453,012; Apr. 24.
Jackson, Harry R., assignor of one-half to H. A. May, Chicago, Ill. Governing valve for internal-combustion motors. 1,461,847; July 17.
Jackson, Harry R., and H. A. May, Chicago, Ill. Gas distributing and governing valve. 1,462,641; July 24.
Jackson, Harvey F., Brooklyn, N. Y. Easel. 1,476,891; Dec. 11.
Jackson, Henry O., Denver, Colo., assignor to National Pump Company. Rotary pump. 1,455,252; May 15.
Jackson, Henry O., Denver, Colo., assignor to National Pump Company. Rotary pump. 1,466,904; Sept. 4.
Jackson, Henry O., Denver, Colo., assignor to The Jackson Compressor Company. Stuffing box. 1,470,621; Oct. 16.
Jackson, Herbert P., Congleton, and T. Jackson, Patricroft, near Manchester, England. Amusement apparatus or machine. 1,477,498; Dec. 11.
Jackson, James D., Manly, near Sydney, New South Wales, Australia. Cooking stove. 1,455,292; May 15.
Jackson, James M., Parkersburg, W. Va. Spring-lubricating device. 1,454,116; May 8.
Jackson, James P., assignor to Addressograph Company, Chicago, Ill. Printing device. 1,453,392; May 1.
Jackson, John C., Philadelphia, assignor of one-fourth to H. Graser, Wissahickson, Philadelphia, Pa. Resilient wheel. 1,450,778; Apr. 3.
Jackson, John E., Carson, Va. Sounding device. 1,449,756; Mar. 27.
Jackson, John F., assignor, by mesne assignments, to Kidwell Boiler Company, Milwaukee, Wis. Tube-bending machine. 1,456,598; May 29.
Jackson, John T., Coldwater, Mich. Sign. 1,441,856; Jan. 9.
Jackson, Linda M. (See Balch, A. T., and Wright, assignors.)
Jackson, Louis L., New York, assignor, by mesne assignments, to Dissosway Chemical Company, Inc., Brooklyn, N. Y. Sublimation apparatus. 1,446,564; Feb. 27.
Jackson, Marshall H., Chicago, Ill. Seal-press identification. 1,463,322; July 31.
Jackson, Maurice, Eldorado, Kans. Saw sharpening and setting device. 1,454,893; May 15.
Jackson, Maxey, Portland, Oreg., assignor to The Jackson Company, Emmett, Idaho. Lumber elevator. 1,471,468; Oct. 23.
Jackson, Patrick T., Cambridge, assignor to Paper Products Machine Company, Boston, Mass. Reenforced paper and making the same. 1,446,092; Feb. 20.
Jackson, Patrick T., Cambridge, assignor to Paper Products Machine Company, Boston, Mass. Paper seal. 1,446,094; Feb. 20.
Jackson, Patrick T., Cambridge, assignor to Paper Products Machine Company, Boston, Mass. Composite fabric. 1,464,155; Aug. 7.
Jackson, Patrick T., Cambridge, and C. H. Howard, Saugus, assignors to Paper Products Machine Company, Boston, Mass. Machine for applying reenforcing filaments to fabrics. 1,472,021; Oct. 23.
Jackson, Paul C. (See Warn, F. R., and Jackson.)

Jackson, Ralph G., Chester, Pa., assignor to Congoleum Company, Incorporated, New York, N. Y. Printing and machine therefor. 1,476,516; Dec. 4.
Jackson, Ralph M., La Habra, Calif. Fumigating applicator. 1,446,093; Feb. 20.
Jackson, Ralph M., La Habra, Calif. Fumigating applicator. 1,477,125; Dec. 11.
Jackson, Robert C., Calgary, Alberta, Canada. Propeller. 1,446,011; Feb. 20.
Jackson, Robert E. (See Jenkins, E. M., and Jackson.)
Jackson, Robert E., and E. M. Jenkins, Princeton, W. Va. Flue blower. 1,443,878; Jan. 30.
Jackson, Roy H. (See Ingle, W. D., and Jackson.)
Jackson, Simeon S., Boston, assignor, by mesne assignments, to The Stafford Company, Readville, Boston, Mass. Filling-feeler mechanism for looms. 1,442,571; Jan. 16.
Jackson, Simeon S., Boston, assignor, by mesne assignments, to The Stafford Company, Readville, Boston, Mass. Filling-feeler mechanism for looms. 1,442,572; Jan. 16.
Jackson, Simeon S., Boston, assignor, by mesne assignments, to The Stafford Company, Readville, Boston, Mass. Filling-feeler mechanism for looms. 1,442,573; Jan. 16.
Jackson, Simeon S., assignor, by mesne assignments, to The Stafford Company, Boston, Mass. Filling-feeler mechanism for looms. 1,447,724; Mar. 6.
Jackson, Simeon S., Hyde Park, Boston, assignor to The Stafford Company, Boston, Mass. Feeler mechanism for looms. 1,477,126; Dec. 11.
Jackson, Theodore K., Mobile, Ala. Vehicle handhold. 1,462,914; July 24.
Jackson, Thomas. (See Jackson, Herbert P. and T.)
Jackson, Thomas E. (See Barr, C. E., and Jackson.)
Jackson, Thomas E., et al. (See Barr, Clarence E., assignor.)
Jackson, Truverton J., Columbus, Ohio. Tire patch. 1,473,184; Nov. 6.
Jackson, W. H., Company. (See Koenig, Frank R., assignor.)
Jackson, Whitnell H., Bowling Green, Ky. Cover for food receptacles. 1,452,558; Apr. 24.
Jackson, William T. (See Moore, L. C., and Jackson.)
Jackson, William W., Oakdale, La., assignor to Mummert Lumber & Tie Company, Chicago, Ill. Grain-door table clamp. 1,447,308; Mar. 6.
Jackson, Wm. H., Company. (See Stout, Edward D., assignor.)
Jacob, Brent C., assignor to The Brown Hoisting Machinery Company, Cleveland, Ohio. Rail clamp for overhead cranes. 1,466,657; Sept. 4.
Jacob, Heinrich, assignor to the Firm Optische Anstalt C. P. Goerz Aktiengesellschaft, Friedenau, near Berlin, Germany. Sighting telescope with changeable magnifying power. 1,464,655; Aug. 14.
Jacob, Heinrich, assignor to the Firm of Optische Anstalt C. P. Goerz Aktiengesellschaft, Friedenau, near Berlin, Germany. Projectile. 1,465,911; Aug. 21.
Jacob, Heinrich, assignor to the Firm of Optische Anstalt, C. P. Goerz, Aktiengesellschaft, Friedenau, near Berlin, Germany. Drop projectile and fuse for same. 1,466,834; Sept. 4.
Jacob Press Sons. (See Avery, Irving F., assignor.)
Jacobi & Jacobi, et al. (See Fuehrer, Jacob J., assignor.)
Jacobs, Arthur E., Cleveland Heights Village, Ohio. Single-coin-registering bank. 1,474,332; Nov. 13.
Jacobs, Arthur E., Cleveland Heights Village, Ohio. Multiple-coin-registering bank. 1,474,333; Nov. 13.
Jacobs, Charles B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Carbon catalyst. 1,462,752; July 24.
Jacobs, Charles E. (See Jacobs, Hugh A. and C. E.)
Jacobs, Clare S., assignor to Tube Products Company, Detroit, Mich. Feed mechanism for swaging machines. 1,452,740; Apr. 24.
Jacobs, Clarence M., Butler, Ky. Shoe for disk harrows. 1,460,489; July 3.
Jacobs, Ernest H., assignor to Electrical Engineers Equipment Company, Chicago, Ill. Switch. 1,463,320; July 31.
Jacobs, Ernest H., assignor to Electrical Engineers Equipment Company, Chicago, Ill. Switch. 1,475,549; Nov. 27.
Jacobs, Evelyn L., Henryetta, Okla. Wrench. 1,477,355; Dec. 11.
Jacobs, George W. (See Wade, E. J., and Jacobs.)
Jacobs, Hannah, Brooklyn, N. Y. Hair-waving device. 1,477,873; Dec. 18.
Jacobs, Harry, Philadelphia, Pa. Cap. 1,442,071; Jan. 16.
Jacobs, Harry M., Schenectady, N. Y., assignor to General Electric Company. Battery-charging system. 1,471,897; Oct. 23.
Jacobs, Henry, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,443,746; Jan. 30.
Jacobs, Hugh A. and C. E., Minneapolis, Minn. Multiple-needle hemstitching mechanism. 1,445,956; Feb. 20.
Jacobs, Isidor M., Kansas City, and W. Cramer, assignors to Truck, Tractor and Manufacturing Company, St. Louis, Mo. Radiator cap. 1,446,297; Feb. 20.
Jacobs, Isidor M., and W. Cramer, assignors to Truck Tractor & Manufacturing Company, St. Louis, Mo. Belt-fastening device. 1,469,924; Oct. 9.
Jacobs, Ivern A. (See Charles, H., and Jacobs.)
Jacobs, James J., assignor of one-fourth to R. B. Bostwick, one-fourth to J. Ring, and one-fourth to W. Salters, Duquesne, Pa. Glare screen. 1,473,185; Nov. 6.
Jacobs, James M., East Peoria, Ill. Mud lug for vehicle wheels. 1,458,295; June 12.
Jacobs, James M. H., assignor, by mesne assignments, to Dayton-Wright Company, Dayton, Ohio. Fuselage. 1,441,984; Jan. 9.
Jacobs, James M. H., assignor, by mesne assignments, to Dayton-Wright Company, Dayton, Ohio. Aeroplane wing. 1,452,641; Apr. 24.
Jacobs, Joseph H., Denver, Colo. Safety adjusting means for pressure-cooker locks. 1,469,070; Sept. 25.
Jacobs, Joseph H., assignor to 3-In-One Pressure Cooker Company, Denver, Colo. Support for cooking vessels. 1,458,296; June 12.
Jacobs Manufacturing Company, The. (See Englund, Gustaf A., assignor.)
Jacobs, Merrill. (See Munn, William B., assignor.)
Jacobs, Oliver B., East Orange, N. J., assignor to American Telephone and Telegraph Company. Repeater circuits. 1,459,769; June 26.
Jacobs, St. Charles, Coney Island, Brooklyn, N. Y. Traveling swing. 1,469,910; Oct. 9.
Jacobs, William J., Toledo, Ohio, assignor, by mesne assignments, to The Libbey-Owens Sheet Glass Company. Apparatus for drawing sheet glass. 1,453,842; May 1.
Jacobsen, Andrew, assignor to W. Larsen, Green Bay, Wis. Pea cleaner. 1,455,208; May 15.
Jacobsen, Christian T., San Francisco, Calif. Towing dolly. 1,456,875; May 29.
Jacobsen, Jacob, San Francisco Calif. Vacuum feeding device. 1,446,902; Feb. 27.
Jacobsen, Morris, West Haven, Conn., assignor to American Telephone and Telegraph Company. Wire grip. 1,449,945; Mar. 27.
Jacobsen, Oystein, Dayton, Ohio, assignor to Duriron Company, Inc. Valve. 1,466,171; Aug. 28.
Jacobsen, Richard S., Chicago, Ill., assignor, by mesne assignments, to Webster Mfg. Co. Conveyer mechanism. 1,455,336; May 15.
Jacobsen, Richard S., Chicago, Ill., assignor, by mesne assignments, to Webster Mfg. Co. Reciprocating screen or conveyer. 1,465,942; Aug. 28.
Jacobsen, Richard S., assignor to Roberts and Schaefer Company, Chicago, Ill. Shallow-pit coaling station. 1,472,597; Oct. 30.
Jacobsky, Maxim, New York, N. Y. Elevator-door lock. 1,476,254; Dec. 4.
Jacobson, Bernard H., Charleston, W. Va., assignor to E. C. Klipstein & Sons Company, New York, N. Y. Manufacturing anhydrous metallic chlorides. 1,445,082; Feb. 13.
Jacobson, Bernard H., Charleston, W. Va., assignor to E. C. Klipstein & Sons Company, New York, N. Y. Manufacture of metal chlorides. 1,474,479; Nov. 20.
Jacobson, Jacob T., Brooklyn, N. Y. Broom clamp. 1,468,568; Sept. 18.
Jacobson, Bror J., assignor to Martin-Copeland Company, Providence, R. I. Automatic chain-making machine. 1,476,977; Dec. 11.
Jacobson, Jacob W., and J. E. Turja, Hancock, Mich., assignors, by mesne assignments, to Grier Brothers Company, Pittsburgh, Pa. Cleaner for burners of carbide lamps and the like. Re15,598; May 15.
Jacobson, Louis, Philadelphia, Pa. Pan for a lighting fixture. Des. 62,299; May 1.
Jacobson, Nels J., Phillips, Wis. Game. 1,474,934; Nov. 20.
Jacobson, Peter G., Chicago, Ill. Indicating device. 1,463,321; July 31.
Jacobson, Sidney D., New York, N. Y. Safety device for flying machines. 1,461,216; July 10.
Jacobucci, Raphael, Providence, R. I., assignor of one-half to G. Rivkind, Boston, Mass. Multicolor-printing machine. 1,453,465; May 1.
Jacobus, David S., Jersey City, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Operating power-plant systems. 1,441,507; Jan. 9.
Jacobus, David S., Jersey City, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Steam-boiler economizer and operating the same. 1,442,274; Jan. 16.
Jacobus, David S., Jersey City, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Regulating device. 1,455,337; May 15.
Jacobus, David S., Jersey City, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Regulating device. 1,458,297; June 12.
Jacobus, David S., Jersey City, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Steam boiler. 1,470,744; Oct. 15.
Jacobus, David S., Jersey City, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Steam boiler. 1,472,474; Oct. 30.

Alphabetical list of patentees—Continued.

Jacobus, David S., Jersey City, N. J., and J. Wolff, East Cleveland, Ohio, assignors to The Babcock & Wilcox Company, Bayonne, N. J. Steam boiler. 1,470,006; Oct. 9.
Jacobus, Davis S., Jersey City, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Cement-kiln system. 1,463,363; July 31.
Jacobus, Martin R., Ridgefield, N. J. Poultry feeder. 1,469,013; Sept. 25.
Jacobus, Martin R., Ridgefield, and W. F. Burditt, jr., Hillside, N. J.; said Burditt assignor to said Jacobus. Collapsible poultry feeder. 1,450,258; Apr. 3.
Jacobus, Warren A., Wood River, Nebr. Direction signal. 1,476,616; Dec. 4.
Jacoby, Charles B., Nanticoke, Pa. Combination tool. 1,469,838; Oct. 9.
Jacoby, Henry C. E. (See Mossay, P. A. H., and Jacoby.)
Jacoby, Lyle, Paris, Ky. Aeorplane. 1,462,410; July 17.
Jacoby, Vennie, Fulda, assignor to G. Browning, Park Rapids, Minn. Pliers. 1,474,592; Nov. 20.
Jacquelin, Armand, Paris, France. Oscillating sieve. 1,458,298; June 12.
Jacquelin, Armand, Paris, France. Grid or riddle for sifting minerals, coal, and other materials. 1,458,299; June 12.
Jacquelin, Armand, Paris, France. Washing apparatus with multiple ascending currents. 1,473,788; Nov. 13.
Jacquemin, Victor, St. Louis, Mo. Combined paper clip and envelope opener. 1,452,341; Apr. 17.
Jacques, George W., Stratford, Conn., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Fastener-setting device. 1,472,247; Oct. 30.
Jacquet, Etienne. (See Sentou, C. A., and Jacquet.)
Jaegel, Franz X. (See Reim, Reinhold J., assignor.)
Jaeger, Carl, Waldhof, near Mannheim, Germany. Turning and planing tool. 1,449,513; Mar. 27.
Jaeger, Carl, Minneapolis, assignor of one-half to W. T. Franklin, one-eighth to A. G. Walter, St. Paul, and one-tenth to W. M. Erickson, Minneapolis, Minn. Mechanical refrigerator. 1,470,574; Oct. 9.
Jaeger, Carl W., Westby, Wis. Time indicator. 1,451,983; Apr. 17.
Jaeger, Gebhard, Columbus, Ohio. Spout for concrete-mixing machines. 1,458,706; June 12.
Jaeger, Gebhard, Columbus, Ohio. Water tanks for concrete-mixing machines. 1,458,707; June 12.
Jaeger, Gebhard, Columbus, Ohio. Spout for concrete-mixing machines. 1,476,892; Dec. 11.
Jaeger, Walter, Hoboken, N. J. Combined vehicle fender and bumper. 1,474,263; Nov. 13.
Jaenecke, Karl F. W., assignor to Spillman Engineering Corporation, North Tonawanda, N. Y. Attachment for carrousels. 1,478,743; Dec. 25.
Jaenike, Harry P. (See Loescher, F. E., Jaenike, and Daugherty.)
Jaffe, Joseph S., New Haven, Conn., assignor of one-half to A. E. Levenson, New York, N. Y. Marble shooter. 1,463,894; Aug. 7.
Jaffe, Joseph S. and M. J., New Haven, Conn. Spectacle-frame assembler. 1,444,124; Feb. 6.
Jaffe, Maurice J. (See Jaffe, Joseph S. and M. J.)
Jagger, Peter B., London, England. Rope-untwisting apparatus. 1,448,543; Mar. 13.
Jagger, Peter B., London, England. Apparatus for the production of fish products. 1,476,893; Dec. 11.
Jaggers, William J., Southend-on-Sea, assignor to J. C. Eno Limited, London, England. Fastening device for cases or similar receptacles. 1,455,253; May 15.
Jagielski, Michael, Grand Rapids, Mich. Animal-releasing device. 1,469,791; Oct. 9.
Jagmin, Adolph, Cicero, Ill. Doorcheck and the like. 1,476,159; Dec. 4.
Jago, Alfred C., and E. A. Wade, Croydon, England. Advertising device for road and other vehicles. 1,478,475; Dec. 25.
Jahn, Konrad R., Copenhagen, Denmark. Line counter for typewriters. 1,457,248; May 29.
Jahn, Max H., Gloversville, N. Y. Agricultural implement. 1,458,655; June 12.
Jahnke, Charles B. (See Hobart, F. G., and Jahnke.)
Jahr, Arthur A. (See Widell, M. E., and Jahr.)
Jallier, Gustave P., Paris, France. Fountain-pen spring safety clip. 1,451,261; Apr. 10.
James, Arthur M., Johnstown, Pa. Detonator magazine. 1,455,492; May 15.
James, Charles, et al. (See Kothe, Charles A., assignor.)
James, David A., New York, N. Y. Waistbelt. 1,476,517; Dec. 4.
James, Edward, Cleveland, assignor, by mesne assignments, to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Manufacture of flexible metal tubing. 1,466,999; Sept. 4.
James, Edward E., San Francisco, Calif. Hot-slag receptacle. 1,459,675; June 19.
James, Edwin G., Chicago, Ill. Shrinking animal casings. 1,476,204; Dec. 4.
James, George H., assignor to American Engineering Company, Philadelphia, Pa. Anchor. 1,462,342; July 17.
James, George H., assignor to American Engineering Company, Philadelphia, Pa. Stockless anchor. 1,464,364; Aug. 7.
James, Henry D., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control system. 1,448,407; Mar. 13.
James, Henry D., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Motor-control system. 1,455,618; May 15.
James, Henry D., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control system. 1,466,288; Aug. 28.
James, Henry D., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Switch terminal. 1,473,856; Nov. 13.
James, Herbert S. (See Hall, B., and Deering, assignors.)
James, James M., Edgarton, W. Va. Dispensing device. 1,445,594; Feb. 13.
James, John L., Charlotte, N. C. Baby bed. 1,449,046; Mar. 20.
James, Lewis R., Edgewater, N. J., assignor to Aluminum Company of America, Pittsburgh, Pa. Stripper for tube-punching machines. 1,448,747; Mar. 20.
James Manufacturing Co. (See Olson, John B., assignor.)
James, Marcus G., Norfolk, Va. Dispensing cabinet. Des. 63,466; Dec. 11.
James, Newton J., et al. (See Mosley, Elzie V., assignor.)
James, Reginald H., Philadelphia, Pa. Cutting device. 1,447,022; Feb. 27.
James, Sidney V., Niagara Falls, N. Y., assignor to Simeon L. and George H. Rogers Company, Hartford, Conn. Spoon or similar article. Des. 63,558; Dec. 18.
James, Sidney V., Niagara Falls, N. Y., assignor to The Simeon L. and George H. Rogers Company. Spoon or similar article. Des. 63,650; Dec. 25.
James, Stephen S., London, England. Cinematographic apparatus. 1,444,745; Feb. 6.
James, Thomas, jr., and W. I. Wolfson, Philadelphia, Pa. Automatic pressure-retaining valve. 1,466,589; Aug. 28.
James, William. (See Meyer, S. M., and James.)
James, William B., Los Angeles, Calif. Container for toilet creams and the like. Des. 62,362; May 15.
James, William B., Los Angeles, Calif. Container for toilet creams and the like. 1,471,735; Oct. 23.
James, William E., St. Louis, Mo. Buckle. 1,452,914; Apr. 24.
James, William E., assignor of one-third to N. B. Lee and one-third to L. Walker, Beards Fork, W. Va. Safety device. 1,469,652; Oct. 2.
Jameson, Clarence W., Lombard, Ill. Apparatus for testing the fading action of light. 1,458,941; June 19.
Jameson, Thomas H., and L. G. Martin, Wichita, Kans. Fuel vaporizer for internal-combustion motors. 1,463,920; Aug. 7.
Jameson, Walter R. (See Thompson, W., and Jameson.)
Jameson, William P., Santa Ana, Calif. Device for replacing valve-stem guides for automobiles. 1,475,830; Nov. 27.
Jamieson, Bertrand G., Brookfield, Ill. Electric-switchhouse construction. 1,454,744; May 8.
Jamieson, Samuel B., Marathon, N. Y. Portable reversible grade hone or road leveler. 1,462,577; July 24.
Jamison, Armel. (See Spencer, F. T., and Jamison.)
Jamison, Charles R., assignor, by mesne assignments, to United Alloy Steel Corporation, Canton, Ohio. Cabinet construction. 1,450,180; Apr. 3.
Jamison, Claude G. (See Spencer, F. T., and Jamison.)
Jamison, John, Lafayette, Colo. Clutch. 1,478,656; Dec. 25.
Jamison, Mrs. W. K., et al., trustees. (See Mathewson, S. B., and Jamison, assignors.)
Jamison, Walter K., et al., trustees. (See Mathewson, S. B., and Jamison, assignors.)
Jammer, Jacob S., assignor to Western Electric Company, Incorporated, New York, N. Y. Duplex carrier wave system. 1,448,408; Mar. 13.
Jammer, Jacob S., assignor to Western Electric Company, Incorporated, New York, N. Y. Testing circuits for carrier wave-signaling systems. 1,465,395; Aug. 21.
Jammer, Jacob S., assignor to Western Electric Company, Incorporated, New York, N. Y. Repeater circuits. 1,470,982; Oct. 16.
Jamrog, Wojciech G., Saginaw, Mich. Coal-car support. 1,468,266; Sept. 18.
Jandos, Charles B., Windsor, assignor of two-fifths to E. D. De Soto, Denver, Colo. Centrifugal separator. 1,461,909; July 17.
Jandus, Herbert S. (See Girl. C., and Jandus.)
Janes, Archibald G., Fitzgerald, Ga. Elevator brake. 1,454,745; May 8.
Janes, Joseph, Somerville, Mass., assignor to G. C. Cox, Rochester, N. Y. Circuit breaker for phonographs. 1,477,356; Dec. 11.
Janet Garment Company. (See Stephens, Dana M., assignor.)
Janette, John T., Chicago, Ill. Fastener for securing disks on shafts. 1,467,938; Sept. 11.
Janiesch, Anna F., et al. (See Duffy, Harry E., assignor.)
Janisch, John F., Kirksville, Mo. Automatic self-locking folding table. 1,453,504; May 1.
Janke, Emil C. (See Gobel, A., Harnisch, and Janke.)
Jankus, Jack C. (See Otto, S., and Jankus.)

Jankus, Jack C., assignor to Woman's Institute of Domestic Arts & Sciences, Inc., Scranton, Pa. Dress or garment form. 1,469,653; Oct. 2.

Jannelle, Joseph R., Three Rivers, Quebec, Canada. Potato digger. 1,472,300; Oct. 30.

Janney & Company. (See Blue, Chilton W., assignor.)

Janney, Robert E. L., Chicago, Ill. Transitional coupling arrangement. 1,450,293; Apr. 3.

Janney, Robert E. L., deceased, Chicago, Ill.; G. L. Boothe, executor. Carburetor. 1,466,557; Aug. 28.

Janney, Robert E. L., assignor to American Steel Foundries, Chicago, Ill. Car coupling. 1,443,821; Jan. 30.

Janney, Thomas A., Garfield, Utah. Flotation machine. 1,457,077; May 29.

Janovjak, Ferdinand, deceased, by J. Janovjak, administrator, Chicago, Ill. Method of and means for projecting colors. 1,458,826; June 12.

Janovjak, Josef, administrator. (See Janovjak, Ferdinand.)

Janpole, William M., New York, N. Y. Structural element. 1,476,078; Dec. 4.

Jansen, Anton F., Douglas, Ill. Dumping attachment for farm wagons. 1,457,575; June 5.

Jansen, Charles F., Milwaukee, Wis. Mixing valve. 1,443,539; Jan. 30.

Jansen, Peter N., Philadelphia, Pa. Vehicular extension support. 1,471,734; Oct. 23.

Janson, George W, Brooklyn, and L. H. Rovere, Richmond, assignors to The Western Union Telegraph Company, New York, N. Y. Electrical protector. 1,457,249; May 29.

Janssen, Louis A., Pittsburgh, Pa. Valve-plug remover. 1,467,936; Sept. 11.

Jansson, August W., assignor to The Kent Machine Company, Kent, Ohio. Blank carrier for heading machines and the like. 1,463,323; July 31.

Jantusek, Joseph, assignor to Northwestern Expanded Metal Company, Chicago, Ill. Metal basket. 1,443,576; Jan. 30.

Jantz, Edmund F., Chicago, Ill. Collar wrapper. 1,453.070; Apr. 24.

Jantzen, Paul H. H., London, England. Dynamo-electric machine. 1,451,577; Apr. 10.

January, Moses S., Douglas, Ariz. Catamenial sack. 1,441,929; Jan. 9.

Janusz, Roman N. (See Plewa, S., and Janusz.)

Japy, Albert P., Berne, near Seloncourt, France. Apparatus for indicating quantities, numbers, and the like. 1,468,235; Sept. 18.

Jaques, George, Casper, Wyo. Swivel rope socket for oil-well-drilling tools. 1,467,273; Sept. 4.

Jaquett, George D. (See Harris, J. G., and Jaquett.)

Jaquette, Grantham, Philadelphia, Pa. Meat-slicing machine. 1,451,776; Apr. 17.

Jaquette, Grantham, Philadelphia, Pa. Meat-slicing machine. 1,475,391; Nov. 27.

Jaquette, Grantham, Philadelphia, Pa. Meat-slicing machine. 1,475,392; Nov. 27.

Jaquiery, William, Waterbury, Conn. Tube-forming machine. 1,461,848; July 17.

Jaray, Paul, assignor to the Firm: Luftschiffbau Zeppelin Gesellschaft mit beschrankter Haftung, Friedrichshafen, Germany. Aircraft car. 1,474,529; Nov. 20.

Jaray, Paul, assignor to the Firm Luftschiffbau Zeppelin Gesellschaft, mit beschränkter Haftung, Friedrichshafen, Germany. Slide rule with logarithmical graduations. 1,475,999; Dec. 4.

Jarboe, Owen M., Carrollton, Mo. Burner. 1,476,338; Dec. 4.

Jardee, Minniaffee J., and R. J. Cowell, St. Joseph, Mo. Oil burner. 1,463,651; July 31.

Jardee, Minniaffee J., and R. J. Cowell, St. Joseph, Mo. Oil burner. 1,463,652; July 31.

Jardine, A. B., and Company. (See Jardine, Peter, assignor.)

Jardine, Peter, assignor to A. B. Jardine and Company, Limited, Hespeler, Ontario, Canada. Press. 1,465,922; Aug. 21.

Jardine, Robert, assignor to Rich Tool Company, Chicago, Ill. Apparatus for making motor valves. 1,452,510; Apr. 24.

Jarkovsky, Ladislaus, Vienna, Austria. Electric water heater. 1,474,777; Nov. 20.

Jarmer, William C., Chicago, Ill. Weather strip. 1,450,921; Apr. 10.

Jarnig, Andrew J., Seattle, Wash. Safety mechanism for elevator doors. 1,467,247; Sept. 4.

Jarrell, A. P. (See Jarrell, James R. and A. P.)

Jarrell, James R. and A. P., Durant, Okla. Jewel setter. 1,445,595; Feb. 13.

Jarvin, John H. (See Mueller, Augusto E., assignor.)

Jarvis, Basil E., Newmarket, assignor to A. E. Tilley, Holborn, London, England. Advertising device. 1,467,937; Sept. 11.

Jarvis, Charles H., assignor to United Steel and Wire Co., Battle Creek, Mich. Display basket or receptacles. 1,472,598; Oct. 30.

Jarvis, George F. (See Golden, Sidney, assignor.)

Jarvis, Henry C., New York, N. Y. Advertising sign. Des. 63,183; Oct. 30.

Jarvis, Herbert C., Toronto, Ontario, Canada. Manufacture of wall paper. 1,457,369; June 5.

Jarvis, Herbert C., Portland, Oreg., assignor to Pacific Car & Foundry Co., Seattle, Wash. Logging-car brake system. 1,467,795; Sept. 11.

Jarvis, Marshall N., Gildersleeve, Conn. Tap chuck. 1,458,300; June 12.

Jarvis, William B., Grand Rapids, Mich. Water gauge for automobile radiators. Des. 63,367; Nov. 27.

Jarzyna, Frank. (See Tobis, F., and Jarzyna.)

Jasmin, Peter T., assignor of one-half to P. H. Huber, Helena, Mont. Repair device for automobile springs. 1,461,273; July 10.

Jaubert, George F., Paris, France. Electrolyzing apparatus for the manufacture of oxygen and hydrogen. 1,461,661; July 10.

Jauch, Ernst and E., and H. Schmid, Schwenningen-on-the-Neckar, Germany. Time-recording device. 1,449,757; Mar. 27.

Jauch, Eugen. (See Jauch, Ernst and E., and Schmid.)

Jauch, Frederic W., Pittsburgh, Pa. Lock bolt for gas-service cocks. 1,467,000; Sept. 4.

Javal, Fernand, Paris, France. Bottle. Des. 61,829; Jan. 23.

Javal, Fernand, Paris, France. Bottle. Des. 62,399; May 22.

Jaworski, Paul, Bismarckhutte, Germany. Method and apparatus for separating water from coal tar. 1,448,593; Mar. 13.

Jay, Secil, Dorchester, Mass. Hose supporter. 1,442,475; Jan. 16.

Jay, Webb, Chicago, Ill. Fuel-supply indicator for automobiles. 1,444,922; Feb. 13.

Jay, William H., Mobridge, S. Dak. Combination lock. 1,464,281; Aug. 7.

Jaycox, Everett, Johnson City, and M. Olds, Binghamton, N. Y.; said Olds assignor to said Jaycox. Driving mechanism. 1,449,327; Mar. 20.

Jayne, Nellie F., Brooklyn, N. Y. Lifeboat. 1,470,983; Oct. 16.

Jayne, Wade H., New York, N. Y. Mop head. 1,478,339; Dec. 18.

Jeanblanc, Abel F. (See Sandberg, S. A., and Jeanblanc.)

Jeannette Toy & Novelty Co. (See Stough, Turney H., assignor.)

Jeannin Electric Company, The. (See Jeannin, Harry W., assignor.)

Jeannin, Harry W., assignor to The Jeannin Electric Company, Toledo, Ohio. Alternating-current motor. 1,474,037; Nov. 13.

Jeannotte, Leon, Gravelbourg, Saskatchewan, Canada. Singletree construction. 1,461,910; July 17.

Jedele, Christian. (See Berger, G. W., and Jedele.)

Jedlitschka, Ben, Los Angeles, Calif. Gasoline meter for automobiles, etc. 1,450,085; Mar. 27.

Jefferies, E. A. W., et al., trustees. (See Hill, Ernst V., assignor.)

Jefferies, Richard H., Richmond, Va. Molding substance for dental and other uses and making same. 1,457,370; June 5.

Jefferies, Samuel L., Gaffney, S. C. Dental casting machine. 1,464,656; Aug. 14.

Jefferies, Samuel L., Gaffney, S. C. Dental casting machine. 1,464,657; Aug. 14.

Jeffers, William J., Copan, Okla. Drilling rig. 1,476,402; Dec. 4.

Jefferson, Benjamin H., and W. I. Kirk, assignors, by mesne assignments, to Lyon & Healy, Inc., Chicago, Ill. Pedal device for pianos and for other purposes. 1,463,166; July 31.

Jefferson, Floyd W., trustee. (See Hanson, Milton E., assignor.)

Jefferson, Harry E. C., Calumet, Mich. Automatic sketching and surveying instrument. 1,441,153; Jan. 2.

Jeffery, Alfred. (See Ellis, T. C., Jeffery, and Maddocks.)

Jeffery-Dewitt Company. (See Davenport, Ransom W., assignor.)

Jeffery-Dewitt Company, The. (See Jeffery, Joseph A., assignor.)

Jeffery-Dewitt Company, The. (See Teetor, Paul, assignor.)

Jeffery, Joseph A., assignor to The Jeffery-Dewitt Company, Detroit, Mich. Furnace for decorating ceramic ware. 1,468,947; Sept. 25.

Jeffery Manufacturing Co., The. (See Holmes, Morris P., assignor.)

Jeffres, Lynn, Greeley, Nebr. Cultivator attachment. 1,451,697; Apr. 17.

Jeffres, Walter C., Ogallala, Nebr. Carburetor control. 1,445,397; Feb. 13.

Jeffress, M. G. (See Steinkeller, Thomas J., assignor.)

Jeffrey, Fraser, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. System of control. 1,476,978; Dec. 11.

Jeffrey Manufacturing Company, The. (See Dunlop, Robert R., assignor.)

Jeffrey Manufacturing Company, The. (See Joy, Joseph F., assignor.)

Jeffrey Manufacturing Company, The. (See Levin, Nils D., assignor.)

Jeffrey Manufacturing Company, The. (See London, Jacob M., assignor.)

Jeffrey, Max L., assignor to The Columbia Axle Company, Cleveland, Ohio. Work-holding mechanism. 1,440,388; Jan. 2.

Jeffries, Dudly W., Springfield, Mo. Combined rail joint and nut lock. 1,462,506; July 24.

Jeffries, Elijah G., Tacoma, Wash. Tire holder. 1,453,566; May 1.

Jeffries, Van O., Columbus, Ohio. Concrete building structure. 1,444,187; Feb. 6.

Jeffries, Zay. (See Archer, R. S., and Jeffries.)

Jeffway, Philip J. (See Andresen, P. N., and Jeffway.)

Jehu, Walter I., assignor, by mesne assignments, to Chicago Pump Company, Chicago, Ill. Electric-motor support. 1,445,617; Feb. 13.

Jelbart, Frank S., Ballarat, Victoria, Australia. Internal-combustion engine. 1,445,319; Feb. 13.

Jelley, James J. (See Ledyard, H. A., and Jelley.)

Jembrzycki, Stanley J., assignor to Racine Universal Motor Company, Chicago, Ill. Beating apparatus. 1,467,989; Sept. 11.

Jencick, Stephen, assignor to G. A. Schanze, Cleveland, Ohio. Internal-combustion-motor starting apparatus. 1,448,926; Mar. 20.

Jencick, Stephen, assignor to G. A. Schanze, Cleveland, Ohio. Starting device for internal-combustion engines. 1,470,447; Oct. 9.

Jenckes Knitting Machine Company. (See Miller, Max C., assignor.)

Jenckes, Lawrence B., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Friction release for Axminster looms. 1,470,007; Oct. 9.

Jenckes Spinning Company. (See Hall, Frederick C., assignor.)

Jenckes Spinning Company. (See Hall, F. C., and Townson, assignor.)

Jencks, Hollis W., Detroit, Mich.; J. R. Montgomery and G. F. Sparks, assignors to Truscon Steel Company, Youngstown, Ohio. Foundry flask. 1,447,666; Mar. 6.

Jenefsky, Joseph M., et al. (See Waite, Jackson L., assignor.)

Jenking, John O., Detroit, Mich. Broaching tool. 1,477,266; Dec. 11.

Jenkins, Alexander F., Baltimore, Md. Metal coating and welding apparatus. 1,441,094; Jan. 2.

Jenkins, Alexander F., Baltimore, Md. Combination cutting and welding torch. 1,460,655; July 3.

Jenkins, Alexander F., Baltimore, Md. Welding and cutting torch. 1,471,694; Oct. 23.

Jenkins, Alexander F., Baltimore, Md. Carbide holder for acetylene generators. 1,478,476; Dec. 25.

Jenkins Brothers. (See Yardley, Farnham, assignor.)

Jenkins, Capitolia, Guthrie, Ky. Ornamental fabric. 1,461,581; July 10.

Jenkins, Charles F., assignor to Discrola, Inc., Washington, D. C. Sleevelike refracting prism. 1,440,466; Jan. 2.

Jenkins, Edward S. (See Molloy, E., and Jenkins.)

Jenkins, Edwin M. (See Jackson, R. E., and Jenkins.)

Jenkins, Edwin M., and R. E. Jackson, Princeton, W. Va. Coupling pocket. 1,446,255; Feb. 20.

Jenkins, James C., Kayford, W. Va. Fire box. 1,477,059; Dec. 11.

Jenkins, John E. (See Richmond, W., and Jenkins.)

Jenkins, John E., Chicago, Ill. Combined rheostat and cut-out. 1,474,367; Nov. 20.

Jenkins, Stanley S., Buffalo, N. Y. Invalid lifter and carrier. 1,450,950; Apr. 10.

Jenkins, Thomas A., Jersey City, N. J. Ventilator. 1,462,343; July 17.

Jenkins, Thomas B., assignor to Jenkins Vulcan Spring Company, Richmond, Ind. Shock-absorber spring. 1,452,973; Apr. 24.

Jenkins, Thomas B., assignor to Jenkins Vulcan Spring Company, Richmond, Ind. Tire tool. 1,454,320; May 8.

Jenkins, Ulysses S., and S. Schwartz, Arkansas City, Kans. Treating heavy hydrocarbons. 1,440,996; Jan. 2.

Jenkins Vulcan Spring Company. (See Jenkins, Thomas B., assignor.)

Jenkins, Weston, assignor to Rome Iron Mills, Inc., Rome, N. Y. Mandrel. 1,445,139; Feb. 13.

Jenkins, William F., New Rochelle, N. Y., assignor to Bauer & Black, Chicago, Ill. Athletic supporter. 1,477,565; Dec. 18.

Jenkins, Wilton F., Richmond, Va. Spark plug. 1,456,129; May 22.

Jenkinson, Richard F., assignor of one-half to J. S. Free, Tuscaloosa, Ala. Apparatus for drying lumber. 1,461,393; July 10.

Jenks, Albert E., Thackery, Ohio. Reel. 1,444,154; Feb. 6.

Jenks, Charles D., and H. M. Perry, assignor, by mesne assignments, to S. L. Woods, Chicago, Ill. Antifriction bearing. 1,456,984; May 29.

Jenks, George F., et al., trustees. (See Eidmann, Frank L., assignor.)

Jenne, Elmer E., Ilion, N. Y. Moistener for envelopes and the like. 1,473,594; Nov. 6.

Jenner, Alfred L., et al. (See Jenner, Charles E., assignor.)

Jenner, Charles E., assignor of one-half to G. A. Crosland and one-fourth to A. L. Jenner, London, England. Machine for marking garments. 1,456,447; May 22.

Jenner, Percy, assignor to The Palm Brothers Company, New York, N. Y. Plate or similar article. Des. 62,147; Mar. 27.

Jenner, Percy, assignor to The Palm Brothers Company, New York, N. Y. Plate or similar article. Des. 62,170; Apr. 3.

Jenner, Percy, assignor to The Palm Brothers Company, New York, N. Y. Plate or similar article. Des. 62,728; July 24.

Jenner, Percy, assignor to The Palm Brothers Company, New York, N. Y. Plate or similar article. Des. 62,729; July 24.

Jenner, Percy, assignor to The Palm Brothers Company, New York, N. Y. Plate or similar article. Des. 62,730; July 24.

Jenners, Martin C. (See Funk, F. M., and Jenners.)

Jenness, Frank C., assignor of one-half to E. H. Grove, Los Angeles, Calif. Stylus guide for psychic games. 1,452,741; Apr. 24.

Jennet, Newel A., Ranger, Tex. Elevator for sucker rods. 1,458,415; June 12.

Jennings, Bert M. (See Freshour, T. C., and Jennings.)

Jennings, Chester S., Wellesley Farms, assignor to The Lamson Company, Boston, Mass. Adjustable feeder. 1,466,835; Sept. 4.

Jennings, Ella D., Avon, N. Y. Nursing-bottle holder. 1,474,593; Nov. 20.

Jennings, Irving C., assignor to Nash Engineering Company, South Norwalk, Conn. Gas and liquid pumping apparatus. 1,446,903; Feb. 27.

Jennings, Irving C., assignor to Nash Engineering Company, South Norwalk, Conn. Wet vacuum pumping apparatus. 1,447,854; Mar. 6.

Jennings, Irving C., assignor to Nash Engineering Company, South Norwalk, Conn. Wet vacuum pumping apparatus. Re15,637; June 26.

Jennings, James J., Oak Park, assignor to A. H. Boettcher, trustee, Chicago, Ill. File-card holder. 1,468,473; Sept. 18.

Jennings, James M. (See Howard, F. A., Kent, and Jennings.)

Jennings, John. (See Kay, J., and Jennings.)

Jennings, John D., Charleston, S. C. Burial apparatus. 1,453,141; Apr. 24.

Jennings, John W., St. Louis, Mo. Dirigible headlight. 1,468,637; Sept. 25.

Jennings, Oliver S., Brooklyn, N. Y., assignor to Westinghouse Electric & Manufacturing Company. Safety switch box. 1,440,467; Jan. 2.

Jennings, Robert G., Elmira, N. Y. Yarn cleaner. 1,473,908; Nov. 13.

Jennings, William H., assignor of one-half to L. Levy, St. Paul, Minn. Road plane. 1,463,120; July 24.

Jennison, Clay L. (See Wolcott, B., and Jennison.)

Jennison-Wright Company, The. (See Braun, Walter, assignor.)

Jennison-Wright Company, The. (See Cherrington, Frank W., assignor.)

Jenny, Georges. (See Kern, R., and Jenny.)

Jenny, Karl K., and W. Balzer-Alber, Basel, Switzerland. Self-acting eye protector. 1,455,025; May 15.

Jenonis, Peter, Chicago, Ill. Clothesline clamp. 1,457,576; June 5.

Jensen, Anton H., and K. P. Brændstrup. Copenhagen, Denmark. Cylindrical slide valve. 1,441,508; Jan. 9.

Jensen, Arthur J. M., Randers, Denmark. Manufacturing yeast. 1,474,674; Nov. 20.

Jensen, Charles J., North Plainfield, N. J. Lantern. 1,453,798; May 1.

Jensen, Christian E., Cuyahoga Falls, Ohio. Egg beater. 1,456,448; May 22.

Jensen, Frank H., Chelsea, Mass. Arch support. 1,443,844; Jan. 30.

Jensen, Frank H., Everett, Mass. Anklet and arch retainer. 1,477,357; Dec. 11.

Jensen, Fred S., New Richland, Minn. Memorandum device. 1,475,303; Nov. 27.

Jensén, Jens, Thisted, Denmark. Machine for boring tuft holes in brush blocks. 1,444,075; Feb. 6.

Jensen, Jens M., Racine, Wis. Radiator construction. 1,466,530; Aug. 28.

Jensen, John, assignor to Whitney Metal Tool Company, Rockford, Ill. Punch. 1,473,558; Nov. 6.

Jensen, Louis, Chicago, Ill. Paper-extracting mechanism for typewriting machines. 1,440,682; Jan. 2.

Jenson, Louis J., Fort Collins, Colo. Hay sweep. 1,463,584; July 31.

Jensen, Martin, Cheraw, S. C. Hinge. 1,465,912; Aug. 21.

Jensen, Niels C., Fort Dodge, Iowa. Wind-regulated shutter for windows. 1,464,764; Aug. 14.

Jensen, Peter L. (See Pridham, E. S., and Jensen.)

Jensen, Rasmus J. (See Vinding, P., and Jensen.)

Jensen, Rasmus N., et al., trustees. (See Jensen, Rasmus N., assignor.)

Jensen, Rasmus N., Sandy, Utah, assignor to M. Paggi and R. N. Jensen, trustees of Metalgyp Company, Salt Lake City, Utah. Plaster board. 1,456,599; May 29.

Jensen, Thomas P., Racine, Wis. Counter. 1,452,242; Apr. 17.

Jepsen, Hans H., San Francisco, Calif. Scribing instrument. 1,470,168; Oct. 9.

Jeppson, George N., assignor to Norton Company, Worcester, Mass. Safety-tread unit. 1,458,708; June 12.

Jeppson, George N., and M. F. Beecher, assignors to Norton Company, Worcester, Mass. Safety-tread ceramic tile. 1,445,083; Feb. 13.
Jepson, William, Barnsbury, London, England. Washing machine. 1,444,687; Feb. 6.
Jepson, William, London, England. Wash machine. 1,462,286; July 17.
Jerabek, Charles, and E. H. Bainbridge, Philadelphia, Pa. Finger moistener. 1,467,040; Sept. 4.
Jerdone, Francis, jr., assignor to The Willys-Overland Company, Toledo, Ohio. Automatic take-up device. 1,452,276; Apr. 17.
Jerdone, Francis, jr., assignor to The Willys-Overland Company, Toledo, Ohio. Hub-cap-locking device. 1,468,474; Sept. 18.
Jerep, Alexander, Monongah, W. Va. Railway-crossing signal. 1,442,476; Jan. 16.
Jergesen, James P., assignor to Meldrum Motor Corporation, Buffalo, N. Y. Tractor attachment. 1,475,069; Nov. 20.
Jermin, Frank, assignor of one-third to himself, one-third to P. A. Buck, and one-third to N. M. Eddy, Alpena, Mich. Thermostatic switching device for electric irons. 1,469,727; Oct. 2.
Jerome, George C., Chicago, Ill. Packaging rod packing in combustible material for unsweating the same. 1,452,159; Apr. 17.
Jerome, Inez S., Chicago, Ill. Brassière. 1,462,966; July 24.
Jerram, Arthur E., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating on fastenings. 1,474,368; Nov. 20.
Jerry, Carl R., Somerville, Mass. Eyeglass receptacle. 1,473,559; Nov. 6.
Jerry, Centennial W., Cumberland, Wis. Attachment for wheeled scoops or scrapers. 1,461,775; July 17.
Jerry, John, Milwaukee, Wis. Welding tool. 1,450,294; Apr. 3.
Jeschke, Bruno, Oakland, Calif. Arch support. 1,469,417; Oct. 2.
Jesperson, Joseph. (See Parker, W. S., and Jesperson.)
Jesse, Gustave, Wray, Colo. Poultry nest. 1,448,544; Mar. 13.
Jessen, Christian. (See Schulz, P. H., and Jessen.)
Jessen, James. (See Harding, H. O., and Jessen.)
Jessen, James, Minneapolis, Minn. Portable extensible conveyer. 1,453,393; May 1.
Jessop, Francis W., assignor to The Ohio Electric & Controller Company, Cleveland, Ohio. Lifting magnet. 1,459,830; June 26.
Jessup & Moore Paper Co., The. (See Plumstead, Joseph E., assignor.)
Jester, Joseph H. (See Herron, W., and Jester.)
Jett, George C., assignor of two-fifths to W. H. Stiemke, Milwaukee, Wis. Tractor truck mechanism. 1,447,210; Mar. 6.
Jette, Archie N., Anaconda, Mont. Reverberatory smelting furnace. 1,454,024; May 1.
Jette, Archie N., Anaconda, Mont. Smelting furnace. 1,454,025; May 1.
Jette, Archie N., Anaconda, Mont. Construction of smelting furnaces. 1,454,026; May 1.
Jetter, William. (See Brunner, H. E., and Jetter.)
Jew Yam Yee. (See Krase, Herbert J., assignor.)
Jewart, John F., Blasdell, N. Y. Pincushion. 1,460,326; June 26.
Jewel Phonoparts Company. (See Blood, Burr B., assignor.)
Jewel Phonoparts Company. (See Davidson, Thomas E., assignor.)
Jewell Electrical Instrument Company. (See Simpson, Ray, assignor.)
Jewell, Frederick C. (See Jewell, Henry S. and F. C.)
Jewell, Henry S. and F. C., Chicago, Ill. Printing apparatus. 1,441,808; Jan. 9.
Jewell, James E., Kansas City, Mo. Sacking device. 1,467,323; Sept. 11.
Jewell, John V., Waterloo, Iowa. Pot protector. 1,446,349; Feb. 20.
Jewett, Arthur C., New Haven, Conn., assignor to Winchester Repeating Arms Company. Dry cell. 1,471,486; Oct. 23.
Jewett, John R., jr., Wood River, Nebr. Rural mail box. 1,451,876; Apr. 17.
Jewett Refrigerator Company, The. (See Statler, William J., assignor.)
Jewett, Vernon F., Portland, Oreg. Fair leader. 1,469,014; Sept. 25.
Jewett, William, Richmond, Va. Hand-operated blower. 1,458,827; June 12.
Jez, Frank, and T. Duffy, Taylor, Tex. Tag holder. 1,476,979; Dec. 11.
Jezler, Hubert. (See Heis, L., and Jezler.)
Jimerson, Francis A., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Fluid-actuated tie tamper. 1,470,622; Oct. 16.
Jinks, Edward C. (See McGhee, James W., assignor.)
Jirasek, John, Detroit, Mich. Furnace-ash-pit screen sifter. 1,460,547; July 3.
Joannes, Giuseppe, Turin, Italy. Temperature-indicating device. 1,460,909; July 3.
Job, John F., Brooklyn, N. Y. Chair. Des. 61,981; Feb. 20.
Jobe, Martin A., assignor of one-half to F. P. Marling, Minneapolis, Minn. Pulley attachment. 1,448,963; Mar. 20.
Jobke, August F., Pittsburgh, Pa. Magnetic separator. 1,462,111; July 17.
Jobst, Conrad, assignor to R. L. Ellery, Toledo, Ohio. Method and means for truing chaser bars. 1,462,701; July 24.
Jobst, Conrad, assignor to R. L. Ellery, Toledo, Ohio. Die head. 1,472,912; Nov. 6.
Jobst, Gerhard, Wilmersdorf, Germany. Device for readily fastening together loose leaves of paper. 1,451,777; Apr. 17.
Jocher, Heinrich. (See Süss, D., and Jocher.)
Jockers, George T., Brooklyn, N. Y. Fuel-oil-spray burner. 1,450,000; Mar. 27.
Joel, Alfred, & Co. (See Hofmann, Josef, assignor.)
Joerger, George B., Chicago, Ill. Cigar or cigarette holder. 1,457,577; June 5.
Joeschke, Franz, assignor to Hydrotherm Fabrik Elektrischer Apparate G. m. b. H., Berlin, Germany. Electric water heater. 1,445,019; Feb. 13.
Johannes, Margaret E., Kansas City, Mo. Doll. Des. 61,874; Feb. 6.
Johannesen, Conrad A., Erie, Pa. Game board. 1,450,958; Apr. 10.
Johannesen, Svend E., Pittsfield, Mass., assignor to General Electric Company. Coil and spool construction. 1,456,108; May 22.
Johannesen, Svend E., Pittsfield, Mass., assignor to General Electric Company. Stationary induction apparatus. 1,477,359; Dec. 11.
Johanns, Henry N., Denver, Colo. Dustless ash remover. 1,474,634; Nov. 20.
Johannsen, William G. (See Gilmore, R. F., and Johannsen.)
Johansen, Ernst M., assignor to The Atlantic Refining Company, Philadelphia, Pa. Sulpho compound and its production. 1,477,829; Dec. 18.
Johanson, Emil G., Chicago, Ill. Timing device. 1,456,313; May 22.
Johansson, Erik, Edsbyn, Sweden. Making cross-veneered wooden plates. 1,444,611; Feb. 6.
Johlin, Jacob M., Syracuse, assignor to Semet-Solvay Company, Solvay, N. Y. Device for determining the specific gravity of liquids. 1,460,134; June 26.
John-Baker Sons & Perkins Limited, Messrs. (See Prescott, William E., assignor.)
John, Daniel W., Mancos, Colo. Bag holder. 1,467,165; Sept. 4.
John, Griffith, Yonkers, N. Y., assignor to Sundh Engineering and Machine Company, Philadelphia, Pa. Slack-cable device. 1,475,701; Nov. 27.
John L. Whiting-J. J. Adams Co. (See Chanonhouse, Frederick S., assignor.)
John, Noah O., Marshall, Okla. Drawbar and power attachment for tractors. 1,455,493; May 15.
John, Parker S., Dayton, Ohio. Tire carrier. 1,463,957; Aug. 7.
John, Robert, New York, N. Y. Printing plate and process and composition of matter for forming the same and printing. 1,453,259; Apr. 24.
John, Robert, New York, N. Y., assignor to Daylight Film Corporation. Making a contact transfer printing surface with a colored emulsion. 1,453,258; Apr. 24.
John, William N., Milwaukee, Wis. Countersink gauge. 1,459,896; June 26.
Johnerson, Carl G. A., Fargo, N. Dak. Adjustable harrow. 1,466,172; Aug. 28.
Johnesse, Frank E., Boise, Idaho. Pan concentrator. 1,470,011; Oct. 9.
Johns, Carl O., and H. E. Buc, Roselle, N. J., assignors, by mesne assignments, to Standard Development Company, New York, N. Y. Producing normal propyl chloride. 1,440,683; Jan. 2.
Johns, Charles E., et al. (See Welsh, Alfred L., assignor.)
Johns, Elvy E., Heppner, Oreg. Adjustable bearing. 1,451,224; Apr. 10.
Johns, John B., Warren, Ohio. Wheel lock. 1,450,153; Mar. 27.
Johns-Manville, Incorporated. (See Carson, Clarence, assignor.)
Johns-Manville Incorporated. (See Christenson, George assignor.)
Johns-Manville Incorporated. (See Latimer, John W., assignor.)
Johns-Manville, Incorporated. (See McClure, Benjamin C., assignor.)
Johns-Manville Incorporated. (See Walsh, Joseph H., assignor.)
Johns-Manville Incorporated. (See Wardell, Henry R., assignor.)
Johns-Pratt Company. (See Cole, Robert C., assignor.)
Johns, St. Paul, assignor of one-half to W. E. Kennedy, Pittsburgh, Pa. Making overlays for producing halftone cuts. 1,441,283; Jan. 9.
Johns, William H., Kingsport, Tenn. Heating apparatus for leaches. 1,459,629; June 19.
Johnsen, Bjornulf. (See Eriksen, Einar B., assignor.)
Johnsen, Frederik A., and K. Rahbek, Copenhagen, Denmark. Electroscopic apparatus. 1,446,748; Feb. 27.

Alphabetical list of patentees—Continued.

Johnsen, George M., Brooklyn, N. Y. Bullet. 1,468,113; Sept. 18.
Johnsen, Wilhelm, New Brighton, assignor to J. Petterson, Brooklyn, N. Y. Cutting shears. 1,457,527; June 5.
Johnsgaard, Emil, Fairview, Mont. Combination tool. 1,473,186; Nov. 6.
Johnson, Aben E. (See Longworth, John W., assignor.)
Johnson, Aben E., and L. H. Taffee, assignors to Hastings Manufacturing Company, Hastings, Mich. Tire carrier. 1,451,262; Apr. 10.
Johnson, Abraham, Opportunity, Wash. Cow-tail holder. 1,466,229; Aug. 28.
Johnson, Albert, assignor to T. Henshaw, Liverpool, England. Ladder foot. 1,455,002; May 15.
Johnson, Albert E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Turnsole fitting machine. 1,465,600; May 29.
Johnson, Albert E., and M. E. Johnson, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Wetting machine. 1,463,214; July 31.
Johnson, Albert H., Washington, D. C. Closure. 1,450,857; Apr. 8.
Johnson, Albion H. (See Halvorsen, O., and Johnson.)
Johnson, Alfred. (See Mills, Sidney, assignor.)
Johnson, Alfred A., Chico, Calif. Tool for pulling gears, etc., from their shafts. 1,457,841; June 5.
Johnson, Alfred E., Denver, Colo. Crank-shaft-turning device. 1,466,881; Sept. 4.
Johnson, Alva W. B., Birmingham, Ala. Self-service store. 1,450,086; Mar. 27.
Johnson, Alvin L., Worcester, assignor of forty-eight per cent to W. G. Warren, Holden, and four per cent to A. E. Fay, Worcester, Mass. Screw jack. 1,460,799; July 3.
Johnson, Alvis L., assignor of one-half to H. Dale, Guymon, Okla. Egg turner. 1,448,594; Mar. 13.
Johnson, Andrew, Milwaukee, Wis. Printing roller. 1,461,123; July 10.
Johnson, Aron, New York, N. Y. Packing machine. 1,466,045; Aug. 28.
Johnson, Aron, Brooklyn, N. Y. Apparatus for packing comminuted material. 1,477,358; Dec. 11.
Johnson, Aron, Brooklyn, N. Y. Apparatus for packing comminuted material. 1,477,499; Dec. 11.
Johnson, Arthur, Blackfoot, Idaho. Seed scarifier. 1,442,275; Jan. 16.
Johnson, Arthur A., Washington, D. C., assignor to Underwood Typewriter Company, New York, N. Y. Manifolding. 1,450,001; Mar. 27.
Johnson, Arthur A., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,465,640; Aug. 21.
Johnson, Arthur J., St. Paul, Minn., assignor to Standard Conveyor Company. Emergency controller for elevators. 1,462,507; July 24.
Johnson, Arthur T. M., Streatham, London, England. Picture film for combined cinematograph and phonograph production. 1,456,558; May 29.
Johnson, Arvid L. (See Worna, Benjamin A., assignor.)
Johnson, Audiff, Stockton, Calif. Can punch and seal. 1,460,418; July 3.
Johnson, August, Toivola, Minn. Guard rail. 1,462,344; July 17.
Johnson Automatic Door Co. Inc. (See Johnson, Orville C., assignor.)
Johnson Automatic Sealer Co. (See Faull, John, assignor.)
Johnson Automatic Sealer Co., Ltd. (See Taylor, W. L., and Richards, assignors.)
Johnson Automobile Lock Co. (See Johnson, Colvin L., assignor.)
Johnson, Axel, Oakland, Calif. Operating means for casement windows. 1,471,736; Oct. 23.
Johnson, Bengt A., Duluth, Minn. Holding device. 1,470,843; Oct. 16.
Johnson, Benjamin, Lexington, Ky. Motor cycle and aeroplane. 1,465,913; Aug. 21.
Johnson, Benjamin F., Baltimore, Md. Radiating piston pump. 1,466,230; Aug. 28.
Johnson, Bernard A. (See Johnson, Charles O., C. D., and B. A.)
Johnson Bros. Engineering Corporation. (See Johnson, Louis J., assignor.)
Johnson Brothers, Hanley (Ltd.) (See Johnson, Ernest J., assignor.)
Johnson, Carl O., Havelock, Nebr. Automobile and vehicle track for bridges. 1,468,364; Sept. 18.
Johnson, Carl O., and A. F. Bergholz, Jefferson, Wis. Milk-can cover. 1,472,220; Oct. 30.
Johnson, Carl V., San Francisco, Calif., assignor to Indispensable Manufacturing Company, Reno, Nev. Winding device for droplights. 1,445,217; Feb. 13.
Johnson, Carl W., Onaway, Mich., assignor of one-half to K. Hodge, Poughkeepsie, N. Y. Steering wheel. 1,470,623; Oct. 16.
Johnson, Carl W., East Cleveland, and J. L. Myers, Cleveland Heights, assignors to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Installing bushings. 1,469,793; Oct. 9.
Johnson, Charles, Minneapolis, Minn. Board-feeding device for resaws. 1,475,950; Dec. 4.
Johnson, Charles A., Detroit, Mich. Game. 1,445,891; Feb. 20.
Johnson, Charles D. (See Johnson, Charles O. and C. D.)
Johnson, Charles D. (See Johnson, Charles O., C. D., and B. A.)
Johnson, Charles E., et al., trustees. (See Warren, John R., assignor.)
Johnson, Charles E., Muskegon, Mich. Piston-ring construction. 1,445,020; Feb. 13.
Johnson, Charles E., Philadelphia, Pa. Stove top. 1,459,210; June 19.
Johnson, Charles E., Pillager, Minn. Screening machine. 1,465,986; Aug. 28.
Johnson, Charles E., Muskegon, Mich. Mechanism for machining out-of-round piston-ring castings. 1,471,030; Oct. 16.
Johnson, Charles E., Muskegon, Mich. Automatic piston-ring lathe. 1,471,032; Oct. 16.
Johnson, Charles E., Muskegon, Mich. Molding machine. 1,471,033; Oct. 16.
Johnson, Charles E., Muskegon, Mich. Attachment for piston-ring-grinding machines. 1,477,758; Dec. 18.
Johnson, Charles E., assignor to The Piston Ring Company, Muskegon, Mich. Piston. 1,452,807; Apr. 24.
Johnson, Charles E. G., Des Moines, Iowa. Pneumatic clutch. 1,450,441; Apr. 3.
Johnson, Charles H., Sacramento, Calif. Nail puller. 1,445,514; Feb. 13.
Johnson, Charles J., Canton, Ohio. Emergency drum for automobiles. 1,462,811; July 24.
Johnson, Charles M. and E. M., Sacramento, Calif. Portable heater. 1,458,656; June 12.
Johnson, Charles O. and C. D., Worcester, Mass. Apparatus for and method of hardening or tempering wire. 1,476,448; Dec. 4.
Johnson, Charles O., C. D., and B. A., Worcester, Mass., assignors to Worcester Wire Works, Inc. Method of and means for reducing, straightening, and winding wire. 1,474,778; Nov. 20.
Johnson, Charles W. (See Tooley, R. P., and Johnson.)
Johnson, Charles W., Harrisburg, Tex. Liquid-dispensing tank. 1,476,980; Dec. 11.
Johnson, Charles W., and T. Abtmeyer, Pittsburgh, Pa., assignors to Westinghouse Electric & Manufacturing Company. Measuring device. 1,475,831; Nov. 27.
Johnson, Charley, Wilmot, Ohio. Gasoline tank. 1,457,065; May 29.
Johnson, Clarence A., Luther, Okla. Gear-assembling device. 1,463,269; July 31.
Johnson, Clifford S., assignor of one-half to M. M. Marsh, Mobile, Ala. Ice box or refrigerator. 1,455.003; May 15.
Johnson, Clyde A., San Diego, Calif. Dishwashing machine. 1,445,320; Feb. 13.
Johnson, Colvin L., St. Louis, Mo., assignor to Johnson Automobile Lock Co. Gear-shift lever and dust cap. 1,454,600; May 8.
Johnson, Correl W., New York, N. Y. Sound clarifier. 1,447,855; Mar. 6.
Johnson, Correl W., New York, N. Y. Sound clarifier. 1,473,560; Nov. 6.
Johnson, Cortes, Long Beach, Calif. Washing and drying machine. 1,447,211; Mar. 6.
Johnson, Donald J., Mozart, Saskatchewan, Canada. Grain-binding machine. 1,441,352; Jan. 9.
Johnson, E. Melvin. (See Johnson, Charles M. and E. M.)
Johnson, Edgar D., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Repeater system. 1,455,957; May 22.
Johnson, Edgar D., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Signaling system. 1,455,958; May 22.
Johnson, Edgar D., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Signaling system. 1,456,059; May 22.
Johnson, Edgar D., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Signaling circuits. 1,470,984; Oct. 16.
Johnson, Edgar D., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Signaling system and operating the same. 1471,335; Oct. 23.
Johnson, Edgar D., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone repeater circuits. 1,474,038; Nov. 13.
Johnson, Edward, East Orange, N. J., assignor to Meinecke & Company, New York, N. Y. Sputum-cup holder. 1,477,176; Dec. 11.
Johnson, Edward A., Brooklyn, N. Y. Tire. 1,460,588; July 3.
Johnson, Edward D., and E. A. Zempel, assignors to Wetmore Reamer Company, Milwaukee, Wis. Reamer. 1,474,369; Nov. 20.
Johnson, Edward E., St. Paul, Minn. Coupling. 1,478,124; Dec. 18.
Johnson, Edward H., assignor to The A. & J. Manufacturing Company, Binghamton, N. Y. Handle for kitchen utensils. 1,451,338; Apr. 10.
Johnson, Edwin, Osnabrock, N. Dak. Automatic stop for windmill pumps. 1,453,142; Apr. 24.
Johnson, Einer, Duluth, Minn. Hook. 1,453,680; May 1.

Johnson, Elias, and S. Peterson, Newhall, Iowa. Cylinder and piston construction. 1,453,981; May 1.
Johnson, Elmer, Washington, D. C., dedicated, by mesne assignments, to the People of the United States. Powder sprayer. 1,459,955; June 26.
Johnson, Elmer E., and J. Kershaw, Joplin, Mo. Display device. 1,456,273; May 22.
Johnson, Elmer G., Hibbing, Minn. Coupling. 1,467,730; Sept. 11.
Johnson, Elvin H., Chicago, Ill. Tire tread. Des. 63,034; Sept. 18.
Johnson, Elvin H., Chicago, Ill. Tire tread. Des. 63,035; Sept. 18.
Johnson, Elvin H., Chicago, Ill. Tire tread. Des. 63,036; Sept. 18.
Johnson, Emil L., and O. Lundsten, Attleboro, Mass. Belt buckle. 1,456,130; May 22.
Johnson, Emil L., and O. Lundsten, Attleboro, Mass. Buckle. 1,457,032; May 29.
Johnson, Ernest J., assignor to Johnson Brothers, Hanley (Limited), Hanley, England. Covered dish or similar article. Des. 63,401; Dec. 4.
Johnson, Ernest S., and E. V. Carlson, assignors to General Fastener Company, Brockton, Mass. Fastener. 1,468,612; Sept. 18.
Johnson, Eskel L., Clarissa, Minn. Alignment device for cow stanchions. 1,472,175; Oct. 30.
Johnson, Everard L., Patchogue, N. Y. Door construction for flashlight apparatus. 1,450,502; Apr. 3.
Johnson, Ewald E., St. Charles, Ill. Brace. 1,462,702; July 24.
Johnson Fare Box Company. (See Baur, Hugo J., assignor.)
Johnson, Francis E., jr., Orange, N. J., assignor to The M. W. Kellogg Company. Manhole for pipes and similar containers. 1,456,601; May 29.
Johnson, Francis E., jr., Orange, N. J., assignor to The M. W. Kellogg Company. Digester and strainer therefor. 1,459,913; June 26.
Johnson, Frank, Oakley, Calif. Oil burner. 1,441,585; Jan. 9.
Johnson, Frank, assignor to General Motors Corporation, Detroit, Mich. Motor vehicle. 1,447,856; Mar. 6.
Johnson, Frank A., Norfolk, Va. Antislip composition. 1,458,828; June 12.
Johnson, Frank A. W. (See Hinton, T. J., and Johnson.)
Johnson, Franklin, New York, N. Y. Game device. 1,460,966; July 3.
Johnson, Frans O., assignor of one-third to A. J. Allen, Seattle, Wash. Jointing tool. 1,445,021; Feb. 13.
Johnson, Fred L., Meeker, Colo. Air-actuated motor sign. 1,446,749; Feb. 27.
Johnson, Fred W. (See Almedia, Jose M., assignor.)
Johnson, Frederick G. L. (See Lucas, O. D., and Johnson.)
Johnson, Frederick I., assignor to M. W. Johnson, Warren, R. I. Conduit end fitting. 1,457,171; May 29.
Johnson Gas Appliance Company, The. (See Rooke, Tom E., assignor.)
Johnson, George W., Manufacturing Company. (See Bumbarger, Clarence R., assignor.)
Johnson, Godwin H., Shepperton-on-Thames, England. Pocket inhalation apparatus. 1,449,047; Mar. 20.
Johnson, Gustaf A., Mankato, Minn. Collar holder. 1,464,658; Aug. 14.
Johnson, Gustaf I., Malden, Mass. Flash light. Des. 62,329; May 8.
Johnson, Gustaf I., Malden, Mass. Lever for flash lights. Des. 63,402; Dec. 4.
Johnson, Gustav, Mayville, N. Dak. Automatic rain-water valve mechanism. 1,475,120; Nov. 20.
Johnson, Hans, Port Jefferson Station, N. Y. Sewage-disposal apparatus. 1,470,745; Oct. 16.
Johnson, Harold A., Bristol, England. Apparatus for synchronization. 1,478,230; Dec. 18.
Johnson, Harold R., Edgewood, assignor to The O. R. Johnson Co. Inc., Auburn, R. I. Pin and making the same. 1,448,844; Mar. 20.
Johnson, Harry. (See Fisher, F. W., and Johnson.)
Johnson, Harry L. (See Kearney, J. R., and Johnson.)
Johnson, Harry L., Jamaica Plain, assignor to P. E. Ginn, Boston, Mass. Wax-wrapping machine. 1,471,487; Oct. 23.
Johnson, Harry L., assignor to P. E. Ginn, Jamaica Plain, Mass. Package-sealing machine. 1,473,992; Nov. 13.
Johnson, Harry S., Pitman, assignor of one-half to M. C. Ludlam, Woodbury, N. J. Automobile body construction. 1,449,231; Mar. 20.
Johnson, Harvey D., Cedar Hill, Tex. Insect catcher. 1,448,447; Mar. 13.
Johnson, Henry, Altavista, Va. Apparatus for tobacco curing. 1,449,324; Mar. 20.
Johnson, Henry, Minneapolis, Minn. Shoe-shining cabinet. 1,465,987; Aug. 28.
Johnson, Henry A., Badger, Minn. Farm implement. 1,443,222; Jan. 23.
Johnson, Henry E., Milwaukie, Oreg. Concrete mixer. 1,453,047; Apr. 24.
Johnson, Henry F., Chicago, Ill. Messenger's safety carrying case. 1,454,894; May 15.
Johnson, Henry L., Dawson, Minn. Holder. 1,457,250; May 29.
Johnson, Henry W., Wales, N. Dak. Hose clamp. 1,441,154; Jan. 2.
Johnson, Herbert S., Nuneaton, England. Lamp. 1,459,104; June 19.
Johnson, Hilding J., Salt Lake City, Utah. Gun. 1,476,715; Dec. 11.
Johnson, Howard A., and C. Maisey, Norfolk, Va. Disappearing door. 1,448,845; Mar. 20.
Johnson, James, Fremont, Nebr. Fishing rod. 1,448,120; Mar. 13.
Johnson, James, South Pasadena, Calif. Form for concrete wall construction. 1,458,416; June 12.
Johnson, James H., Washington, D. C. Wrapper. 1,465,581; Aug. 21.
Johnson, James R., Omaha, Nebr. Pan lifter. 1,451,042; Apr. 10.
Johnson, James W., New York, N. Y. Device for indicating the thermal value of gas. 1,442,574; Jan. 16.
Johnson, James W., New Brunswick, N. J. Cap for collapsible tubes. Des. 63,368; Nov. 27.
Johnson, Jesse C., San Francisco, Calif. Oil-burner construction. 1,452,559; Apr. 24.
Johnson, Jesse C., San Francisco, Calif. Pressure-control valve. 1,452,560; Apr. 24.
Johnson, Joe, assignor of one-half to J. A. Burleigh, Enterprise, Oreg. Brake-operating mechanism for vehicles. 1,455,619; May 15.
Johnson, Johan H., Salt Lake City, Utah. Educational appliance. 1,470,845; Oct. 16.
Johnson, John, Plymouth, Pa. Stop block. 1,477,500; Dec. 11.
Johnson, John A., Minneapolis, Minn. Letter box. 1,442,344; Jan. 16.
Johnson, John A., Mankato, Minn. License-tag holder. 1,468,449; Sept. 18.
Johnson, John A., Meriden, assignor to The Bassick Company, Bridgeport, Conn. Caster. 1,465,044; Aug. 14.
Joohnson, John B., Philadelphia, Pa. Reenforcement for hand bags. 1,468,816; Sept. 25.
Johnson, John E., and C. H. Oslund, Worcester, Mass., assignors to The O & J Machine Company. Label-wiping device. 1,445,321; Feb. 13.
Johnson, John E., and C. H. Oslund, assignors to The O & J Machine Company, Worcester, Mass. Neck-wiping device. 1,469,599; Oct. 2.
Johnson, John F. (See Patterson, Warren C., assignor.)
Johnson, John G., Gordon, Pa. Tire. 1,460,247; June 26.
Johnson, John H., assignor of one-fourth to T. Marks, Charleston, S. C. Ditching machine. 1,455,494; May 19.
Johnson, John H., assignor of one-fourth to T. Marks, Charleston, S. C. Railway-car loader. 1,464,003; Aug. 7.
Johnson, John H. L., Springfield, Tenn. Tobacco smoking and curing apparatus. 1,455,915; May 22.
Johnson, John K., assignor of one-half to W. K. Reeve, Washington, D. C. Attachment for windows. 1,476,617; Dec. 4.
Johnson, John M. (See Vengrin, S., and Johnson.)
Johnson, John M., Sioux Valley Township, Union County, S. Dak. Fuse cartridge. 1,476,339; Dec. 4.
Johnson, John N., Albuquerque, N. Mex. Safety razor. 1,455,532; May 15.
Johnson, John R., Portland, Oreg. Crossing signal for railways. 1,458,885; June 12.
Johnson, Joseph, Lebanon, Pa. Chain-making apparatus. 1,463,469; July 31.
Johnson, Joseph, assignor to Snap-On Wrench Company, Milwaukee, Wis. Socket wrench. 1,443,413; Jan. 30.
Johnson, Joseph W., and J. W. Nolde, Newburgh, N. Y. Combined curtain support and shade holder. 1,463,702; July 31.
Johnson, Joseph A., Knight, Wyo. Ax. 1,446,046; Feb. 20.
Johnson, Joseph S., Jamaica, N. Y. Oil strainer for automobile engines. 1,441,857; Jan. 9.
Johnson, Josiah F., Swarthmore, Pa., assignor to Westinghouse Electric & Manufacturing Company. Auto stop governor. 1,441,353; Jan. 9.
Johnson, Josiah F., Swarthmore, Pa., assignor to Westinghouse Electric and Manufacturing Company. Bearing. 1,442,477; Jan. 16.
Johnson, Kenneth S., Jersey City, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone substation set. 1,452,277; Apr. 17.
Johnson, Kenneth S., Jersey City, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Signaling system. 1,470,985; Oct. 16.
Johnson, Kenneth S., Jersey City, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Means and method for signaling. 1,470,986; Oct. 16.
Johnson, Lane, Ingram, assignor to United Engineering and Foundry Company, Pittsburgh, Pa. Reel. 1,462,411; July 17.
Johnson, Lars, Iron Mountain, Mich. Snowplow. 1,466,046; Aug. 28.
Johnson, Lassie C., Roanoke, Va. Lantern-lighting device. 1,447,857; Mar. 6.
Johnson, Lawrence E., Melrose, assignor to Victor Shoe Machinery Co. of 1919, Lynn, Mass. Rough rounder and channeling machine. 1,470,083; Oct. 9.

Johnson, Lawrence E., Melrose, O. T. Peterson, Malden, and L. A. Popp, Saugus, assignors to Victor Shoe Machinery Co., Lynn, Mass. Rough rounder. 1,463,823; Aug. 7.
Johnson, Leonard T., Boston, Mass. Weighing mechanism. 1,474,039; Nov. 13.
Johnson, Lewis A. W., Los Angeles, Calif. Headlight. 1,457,630; June 5.
Johnson, Louis, Chicago, Ill. Artificial fish lure. 1,466,231; Aug. 28.
Johnson, Louis J., Mishawaka, assignor to Johnson Bros. Engineering Corporation, South Bend, Ind. Tiller for outboard motors. 1,459,734; June 26.
Johnson, Louis J., Mishawaka, assignor to Johnson Bros. Engineering Corporation, South Bend, Ind. Outboard motor for small craft. 1,467,641; Sept. 11.
Johnson, Mary W. (See Johnson, Frederick I., assignor.)
Johnson, Maxwell O., Waipio, Hawaii. Fruit-peeling machine. 1,450,295; Apr. 3.
Johnson, Maxwell O., Waipio, and R. H. Lowrie, Honolulu, Hawaii. Pineapple-trimming machine. 1,471,336; Oct. 23.
Johnson, Melvin A. (See Smith, H. A., and Johnson.)
Johnson, Merton E. (See Johnson, Albert E. and M. E.)
Johnson, Morris R., Birmingham, Ala. Apparatus for conveying plastic material. 1,473,958; Nov. 13.
Johnson, Moses K., Unadilla, Ga. Repair spoke socket. 1,456,449; May 22.
Johnson, Nels, Racine, Wis. Bicycle rim. 1,451,911; Apr. 17.
Johnson, Nels, Chicago, Ill. Turbine locomotive. 1,454,286; May 8.
Johnson, Nels A., Van Nuys, Calif. Friction clamp for tamping bars. 1,458,764; June 12.
Johnson, Nels A., Jamestown, N. Y. Removable-blade screw driver. 1,469,792; Oct. 9.
Johnson, Nelson B., Winthrop, Mass. Vapor-controlling system. 1,447,858; Mar. 6.
Johnson, Nelson C., assignor to Foster, Merriam and Company, Meriden, Conn. Top-bearing caster socket. 1,466,531; Aug. 28.
Johnson, O. R., Co. Inc., The. (See Johnson, Harold R., assignor.)
Johnson, Orion E., Waterloo, Iowa. Miter box. 1,447,417; Mar. 6.
Johnson, Orville C., assignor to Johnson Automatic Door Co., Inc., Aurora, Ill. Closure operator. 1,445,692; Feb. 20.
Johnson, Oscar A., Minneapolis, Minn. Plate-punching machine. 1,458,417; June 12.
Johnson, Oscar C., New Britain, Conn. Piano bench and cot combination. 1,441,155; Jan. 2.
Johnson, Oscar C., Seattle, Wash. Valve-spring saddle. 1,448,221; Mar. 13.
Johnson, Oscar C., Pittsburgh, Pa. Lock nut. 1,457,736; June 5.
Johnson, Oscar H., Denver, Colo., and H. F. Webb, Salt Lake City, Utah, assignors to The Mine & Smelter Supply Company, Denver, Colo. Feeder for ball mills. 1,448,628; Mar. 13.
Johnson, Oscar H., and H. F. Webb, assignors to The Mine & Smelter Supply Company, Denver, Colo. Drum feeder. 1,453,143; Apr. 24.
Johnson, Oscar L., Proctor, Vt., assignor to Vermont Marble Company. Gang-saw frame. 1,462,553; July 24.
Johnson, Otis, San Diego, Calif. Adhesive. 1,460,757; July 3.
Johnson, Otto, Jamestown, N. Y. Curtain rod. 1,470,844; Oct. 16.
Johnson, Otto E., Skien, Norway. Transport device for grain and the like. 1,467,041; Sept. 4.
Johnson, Paul A., Denver, Colo. Illuminated indicator. 1,471,337; Oct. 23.
Johnson, Paul W., Tacoma, Wash. Shock absorber for automobile springs. 1,465,396; Aug. 21.
Johnson, Paul W., assignor to J & B Stabilizer Corp., Tacoma, Wash. Auxiliary steering device. 1,468,448; Sept. 18.
Johnson, Peter, and G. A. Gray, Arlington, N. J. Unbreakable antiglare lens. 1,470,448; Oct. 9.
Johnson, Peter A., Portland, Oreg. Valve. 1,467,981; Sept. 11.
Johnson, Peter A., Portland, Oreg. Ship steering apparatus. 1,467,982; Sept. 11.
Johnson, Peter A., Lyle, Minn. Signal for road crossings. 1,476,403; Dec. 4.
Johnson, Peter A., assignor to T. V. Standifer, Portland, Oreg. Screw-bolt-nut-tightening means. 1,459,402; June 19.
Johnson, Ray P., et al. (See Donaldson, Elizabeth C., assignor.)
Johnson, Richard S. (See Spalding, J. D., and Johnson.)
Johnson, Richard V., Meridian, Tex. Wire stretcher. 1,473,150; Nov. 6.
Johnson, Robert A. (See Fancher, C. J., and Johnson.)
Johnson, Robert A., and C. J. Fancher, Windsor, Vt., assignor to the National Acme Company, Cleveland, Ohio. Spring chuck. 1,441,284; Jan. 9.
Johnson, Robert H., Los Angeles, Calif. Combined compasses, square, etc. 1,453,625; May 1.
Johnson, Robert S., New York, N. Y. Cue-chalk holder. 1,453,877; May 1.
Johnson, Ross H., St. Paul, Minn. Display device. 1,463,470; July 31.
Johnson, S. C., & Son. (See Collier, James, assignor.)
Johnson, Samuel P., Ethelsville, Ala. Hook. 1,478,520; Dec. 25.
Johnson, Samuel V., Portland, Oreg. Calculating device. 1,447,309; Mar. 6.
Johnson, Sigurd W., assignor of one-half to E. O. Turnquist, Minneapolis, Minn. Portable scaffold. 1,471,848; Oct. 23.
Johnson, Smith M., Middlefield, Ohio. Apparatus for fastening steel pail tops. 1,443,264; Jan. 23.
Johnson, Smith M., Middlefield, Ohio. Pail closure. 1,459,469; June 19.
Johnson, Sophia B., Boston, Mass. Traction plate for use with motor-vehicle wheels. 1,468,023; Sept. 18.
Johnson, Swan, assignor of one-half to J. Erlandson, Richwood, W. Va. Rail fastener. 1,466,400; Aug. 28.
Johnson, Swan, assignor of one-half to J. Erlandson, Richwood, W. Va. Friction fire escape. 1,470,746; Oct. 16.
Johnson, Thomas A., Manning, N. Dak. Chain fastener. 1,469,089; Sept. 25.
Johnson, Tomlinson F., jr., Atlanta, Ga. Manipulating stick for clamps, switches, etc., in electric distributing systems. 1,451,832; Apr. 17.
Johnson, Tomlinson F., jr., Atlanta, Ga. Jack for dead-end insulators. 1,472,176; Oct. 30.
Johnson, Tomlinson F., jr., Atlanta, Ga. Circuit-opening device. 1,473,959; Nov. 13.
Johnson, Tomlinson F., jr., Atlanta, Ga. Throw-off or circuit-breaking switch for skeet heads. 1,473,960; Nov. 13.
Johnson, Uno, Brooklyn, N. Y. Compasses. 1,462,412; July 17.
Johnson, Victor C., Los Angeles, Calif. Luggage carrier. 1,441,586; Jan. 9.
Johnson, Victor S., assignor to The Mantle Lamp Company of America, Chicago, Ill. Heat-insulated vessel. 1,470,366; Oct. 9.
Johnson, Victor S., assignor to The Mantle Lamp Company of America, Chicago, Ill. Cushioned vitreous stopper. 1,476,820; Dec. 11.
Johnson, Walter J. O., Chicago, Ill., assignor to The Allbright-Nell Co. Sausage-linking machine. 1,473,234; Nov. 6.
Johnson, Wesley J., assignor to Standard Foundry & Mfg. Company, De Kalb, Ill. Hot-air-furnace construction. 1,449,607; Mar. 27.
Johnson, William A., Chicago, Ill. Tire protector. 1,475,266; Nov. 27.
Johnson, William A., Yonkers, assignor of one-half to Pearson Products Corporation, New York, N. Y. Pin. 1,475,702; Nov. 27.
Johnson, William B., Batavia, Ill., assignor to Foster-Johnson Reamer Company. Adjustable reamer. 1,446,467; Feb. 27.
Johnson, William C., Minneapolis, Minn. Air-preheating attachment for internal-combustion engines. 1,443,414; Jan. 30.
Johnson, William C., Minneapolis, Minn. Seal-tight roofing cleat. 1,447,986; Mar. 13.
Johnson, William H. (See Hamilton, M. E., and Johnson.)
Johnson, William K., Eldorado, Kans. Antiglare attachment for headlights. 1,447,859; Mar. 6.
Johnson, William M., Newark, N. J. Safety guard for presses. 1,447,987; Mar. 13.
Johnson, William P. W. (See McLesky, F., and Johnson.)
Johnson, William S., and J. W. Sheffer, Berwick, Pa., assignors to American Car and Foundry Company, St. Louis, Mo. Electric rivet heater. 1,452,511; Apr. 24.
Johnson, William S., and J. W. Sheffer, Berwick, Pa., assignors to American Car and Foundry Company, St. Louis, Mo. Electric rivet heater. 1,452,512; Apr. 24.
Johnson, William S., and J. W. Sheffer, Berwick, Pa., assignors to American Car and Foundry Company, St. Louis, Mo. Electric rivet heater. 1,452,513; Apr. 24.
Johnston, Allen, assignor to Johnston Pressed Gear Company, Ottumwa, Iowa. Lawn mower. 1,443,540; Jan. 30.
Johnston, Andrew L., jr., Richmond, Va., assignor, by mesne assignments, to Off'n'On Chain Corporation, New York, N. Y. Wire chain link. 1,463,281; July 31.
Johnston, Andrew L., jr., assignor, by mesne assignments, to Off'n'On Chain Corporation, New York, N. Y. Wire chain link. 1,463,282; July 31.
Johnston, Charles F., and L. A. Martinelli, San Francisco, Calif. Circular micrometer. 1,448,222; Mar. 13.
Johnston, Clarence L., assignor to Marchant Calculating Machine Company, Oakland, Calif. Calculating machine. 1,476,205; Dec. 4.
Johnston, Clarence L., Oakland, and C. M. F. Friden, Piedmont, Calif. Safety device and switch. 1,458,418; June 12.
Johnston, Cyril F., and H. N. Walford, Croydon and Lewisham, London, England. Striking and chiming clock. 1,468,267; Sept. 18.

Johnston, Edward A., Chicago, Ill., assignor, by mesne assignments, to International Harvester Company. Carburetor. 1,464,713; Aug. 14.
Johnston, Edward A., and G. W. Engstrom, Chicago, Ill., assignors, by mesne assignments, to International Harvester Company. Tractor. 1,446,121; Feb. 20.
Johnston, Edward W., Springfield, Ill. Coupling. 1,468,707; Sept. 25.
Johnston, Genevieve. (See Johnston, Horace G., assignor.)
Johnston, Geo. S., Company. (See Ihrcke, F. A., and Partenheimer, assignors.)
Johnston, Geo. S., Company. (See Johnston, George S. assignor.)
Johnston, George, Manchester, England. Machine for centrifugally separating solids from liquids. 1,467,855; Sept. 11.
Johnston, George H., assignor to Lover Top and Converter Company, Inc., Buffalo, N. Y. Automobile top. 1,470,624; Oct. 16.
Johnston, George S., assignor to Geo. S. Johnston Company, Chicago, Ill. Goggles. 1,446,847; Feb. 27.
Johnston, George S., Evanston, Ill., assignor to American Optical Company, Southbridge, Mass. Goggles. 1,474,635; Nov. 20.
Johnston, George W., Washington, D. C. Window screen. 1,463,121; July 24.
Johnston, Greenhow, Richmond, Va. Revolving shutter for moving-picture-projecting machines. 1,471,031; Oct. 16.
Johnston, Horace G., Corsicana, Tex. Gas scrubber. 1,465,397; Aug. 21.
Johnston, Horace G., assignor to G. Johnston, Corsicana, Tex. Gas scrubber. 1,460,490; July 3.
Johnston, Howard H., Edgewood, and D. C. Peabody, Turtle Creek, Pa., assignors to Westinghouse Electric & Manufacturing Company. Motor-control system. 1,469,219; Oct. 2.
Johnston, James G., jr., Chicago, Ill., assignor to Warren Featherbone Company, Three Oaks, Mich. Display stand for ribbons and the like. Des. 62,953; Aug. 28.
Johnston, James O. (See Johnston, Marshall E. and J. O.)
Johnston, James S., Utica, N. Y. Cartridge magazine for machine guns. 1,447,860; Mar. 6.
Johnston, James S., Utica, N. Y. Cocking mechanism for automatic machine guns. 1,447,861; Mar. 6.
Johnston, James S. and M. L., Utica, N. Y. Aeroplane. 1,449,860; Mar. 27.
Johnston, James S., and V. H. Czegka, Utica, N. Y.; said Czegka assignor to said Johnston. Standard for machine guns. 1,441,285; Jan. 9.
Johnston, James T. M., London, England. Heater for bitumen or other materials. 1,468,365; Sept. 18.
Johnston, James W., Salt Lake City, Utah. Refillable cartridge fuse. 1,442,153; Jan. 16.
Johnston, John, Chicago, Ill. Combined light and signal device. 1,475,343; Nov. 27.
Johnston, John A., Springfield, Mass. Strike board for concrete road construction. 1,440,606; Jan. 2.
Johnston, John A., Springfield, Mass. Spreader for road material. 1,457,928; June 5.
Johnston, John A., Scottsbluff, Nebr. Fruit gatherer. 1,445,596; Feb. 13.
Johnston, John F., Berkeley, Calif. Paper doll. 1,475,070; Nov. 20.
Johnston, John O., Newark, N. J. Side car for motor cycles. 1,461,759; July 17.
Johnston, John T., and J. Kincaid, Vancouver, British Columbia, Canada. Water motor. 1,473,103; Nov. 6.
Johnston, Marshall E. and J. O., Troutmans, N. C. Can-sealing machine. 1,449,325; Mar. 20.
Johnston, Millard L. (See Johnston, James S. and M. L.)
Johnston, Millard L., Utica, N. Y. Actuator for machine guns. 1,452,465; Apr. 17.
Johnston, Millard L., Utica, N. Y. Cartridge-feeding mechanism for machine guns. 1,460,800; July 3.
Johnston Pressed Gear Company. (See Johnston, Allen, assignor.)
Johnston, Robert J., Kansas City, assignor of one-half to G. F. Rogge, Corder, Mo. Apparatus for manufacture of wall board. 1,452,742; Apr. 24.
Johnston, Roy W., Chicago, Ill. Focusing mechanism. 1,453,843; May 1.
Johnston, Thomas H., Clarendon, Va. Fuel-charge vaporizer for internal-combustion engines. 1,441,809; Jan. 9.
Johnston, Walter R., Vallejo, Calif. Can-turning device for washing machines. 1,470,533; Oct. 9.
Johnston, Wayburn E., Minneapolis, Minn. Furnace smoke model or demonstrating device. 1,472,475; Oct. 30.
Johnston, William M. (See Mallory, J. W., and Johnston.)
Johnstone, Edward K., Keokuk, Iowa. Portable bathtub stand. 1,466,047; Aug. 28.
Johnstone, George F. (See Schwuchow, E. G., and Johnstone.)
Johnstone, George F., Chicago, Ill. Clamping contact terminal. 1,467,432; Sept. 11.
Johnstone, Gilbert L., Manhasset, N. Y. Container for cigarettes and the like. 1,456,060; May 22.
Johnstone, James E., Newark, N. J. Baseball mask. 1,449,183; Mar. 20.
Johnstone, William O., North Tonawanda, N. Y. Building-wall construction. 1,472,981; Nov. 6.
Joksch, Rudolf. (See Schember, K., and Joksch.)
Joksch, Rudolf, Prague-Karolinenthal, Czechoslovakia. Multiplying machine. 1,467,042; Sept. 4.
Jolley, John E., Stretford, Manchester, England, assignor to Westinghouse Electric & Manufacturing Company. System of ventilation. 1,453,357; May 1.
Jolls, Le Roy E., Elizabeth, N. J., assignor to Packard Motor Car Company, Detroit, Mich. Grinding machine. 1,443,415; Jan. 30.
Jolly, James, Bolton, England, assignor to Whitin Machine Works, Whitinsville, Mass. Combing machine. 1,446,750; Feb. 27.
Jolly, John A., Long Beach, Calif. Automatic water drain for oil tanks. 1,471,737; Oct. 23.
Jolly, Thomas J., and W. F. Fitzpatrick, Ulysses, Nebr. Water turbine. 1,461,422; July 10.
Jombart, Félix, assignor to La Société d'Etudes et de Constructions Metallurgiques, Paris, France. Productions of hollow metal castings. 1,450,552; Apr. 3.
Jonas, Adrien. (See Getting, G., and Jonas.)
Jonas, Jacob F., Bellevue, Ky. Shoe. 1,456,695; May 29.
Jonas, Julius, Meierhof, Baden, and O. Seitz, Oberer Kappelerhof, Baden, assignors to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Mercury-vapor pump for high vacuums. 1,462,112; July 17.
Jonas, Max, Berlin, Germany. Clamping and stretching device for trousers. 1,447,083; Feb. 27.
Jones, Albert J. (See Hausman, G. J., and Jones.)
Jones, Alfred E., Indian Orchard, Mass. Aeroplane race game. 1,451,511; Apr. 10.
Jones, Alfred M., Milwaukee, Wis. Compressor for molding machines. 1,475,017; Nov. 20.
Jones, Allan H., assignor to Circle Stamping & Mfg. Co., Belleville, N. J. Multiple-roller bearing. 1,465,788; Aug. 21.
Jones, Alva A. (See Tallman, G. L., and Jones.)
Jones, Alva L., Asbury Park, N. J., assignor to American Telephone and Telegraph Company. System for testing line balance. 1,459,770; June 26.
Jones, Arthur D., Des Moines, Iowa. Metal post. 1,470,367; Oct. 9.
Jones, Arthur G., Detroit, Mich. Lock for levers. 1,444,379; Feb. 6.
Jones, Arthur M. (See Taber, Hubert C., assignor.)
Jones, Arthur T., Tottenham, London, England. Photographic reflector. 1,447,475; Mar. 6.
Jones and Baker. (See Carlson, Erik F., assignor.)
Jones, Bassett, Mahwah, and J. T. Holmes, Bogota, N. J. Spark indicator and amplifier. 1,466,232; Aug. 28.
Jones, Benjamin W. (See Carichoff, E. R., and Jones.)
Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Automatic motor starter. 1,475,185; Nov. 27.
Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Electromagnetic control. 1,475,951; Dec. 4.
Jones, Benjamin W., Schenectady, N. Y., and E. C. Gooch, Estes Park, Colo., assignors to General Electric Company. Motor-control system. 1,460,062; June 26.
Jones, Branham W., San Antonio, Tex. Automobile identifying means. 1,473,561; Nov. 6.
Jones, Carl G., Wilkinsburg, Pa., assignor to Westinghouse Electric and Manufacturing Company. Detachable transformer radiator. 1,460,135; June 26.
Jones, Charles A., Sewickley, Pa. Headlight. 1,471,166; Oct. 16.
Jones, Charles M., assignor to Jones National Automobile Registration System, Inc., Louisville, Ky. Automobile title-identifying, theft discouraging and detecting means. 1,454,746; May 8.
Jones, Charles W., New Hampton, Mo. Check-pad holder. 1,455,620; May 15.
Jones, Charley L., Altus, Okla. Toothbrush-holding device. 1,459,831; June 26.
Jones, Christopher C., Chipley, Ga. Mold form. 1,472,004; Oct. 23.
Jones, Clayton M., Jamestown, N. Y. Wrench. 1,452,079; Apr. 17.
Jones, Coulter W., assignor to The Dow Chemical Company, Midland, Mich. Recovering bromine. 1,473,295; Nov. 6.
Jones, David B., assignor to Metallurgical Laboratories, Inc., Chicago, Ill. Spelter furnace. 1,450,161; Mar. 27.
Jones & Davis. (See Baxter, R. C., Galloway, and Gray, assignors.)
Jones, Earle M., assignor to O. B. McClintock Company, Minneapolis, Minn. Burglar-alarm housing. Des. 62,205; Apr. 10.
Jones, Earle M., assignor to O. B. McClintock Company, Minneapolis, Minn. Clock. Des. 62,452; June 5.
Jones, Earle W., New York, N. Y., and E. R. Harris, Arlington, N. J. Making phonographic records. 1,461,849; July 17.
Jones, Edgar R., Kansas City, Mo. Toy. 1,456,239; May 22.
Jones, Edward P., Breckenridge, Colo. Hammer drill. 1,467,433; Sept. 11.
Jones, Edward S., Mobile, Ala. Automatic life-saving fender for automobiles. 1,468,112; Sept. 18.

Alphabetical list of patentees—Continued.

Jones, Edwin A., St. Louis, Mo. Heating system. 1,455,338; May 15.
Jones, El Dorado, New York, N. Y. Muffler. 1,473,235; Nov. 6.
Jones, Elwood. (See Drummond, William H., assignor.)
Jones, Emile W., Chicago, Ill., assignor to International Harvester Company. Separating mechanism for thrashers. 1,461,314; July 10.
Jones, Emily, Brooklyn, N. Y. Scissors sharpener. 1,453,246; Apr. 24.
Jones, Ephraim E., Sugar City, Colo. Stoker. 1,442,668; Jan. 16.
Jones, Ernest H., London, England. Electric-arc soldering. 1,441,685; Jan. 9.
Jones, Ernest H., London, England. Metal electrode used in depositing and soldering by the electric arc. 1,441,686; Jan. 9.
Jones, Ernest H., London, England. Electric-arc soldering. 1,441,687; Jan. 9.
Jones, Ernest H., London, England. Electrode and welding and like rod used in soldering and depositing metals. 1,441,688; Jan. 9.
Jones, Ernest H., Canonbury, London, England. Depositing metal by the electric arc. 1,464,076; Aug. 7.
Jones, Ernest H., London, England. Tire and manufacture of the same. 1,478,788; Dec. 25.
Jones, Erwin R., Columbus, Ohio. Twine cutter. 1,454,543; May 8.
Jones, Esther P., administratrix. (See Jones, Thomas J.)
Jones-Everett Machine Company. (See Jones, M. W., and Brush, assignors.)
Jones, Frank E. (See Behrens, Philip H., assignor.)
Jones, Frank E., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Yarn-controlling mechanism for spring-needle knitting machines. 1,476,518; Dec. 4.
Jones, Frank E., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Web-holder cam mechanism for knitting machines. 1,477,060; Dec. 11.
Jones, Frank H., Tuinucu, Cuba. Method and apparatus for controlling sugar centrifugals. 1,475,121; Nov. 20.
Jones, Frank S., Philadelphia, Pa. Straightening press. 1,450,373; Apr. 3.
Jones, Fred W. (See Lundgren, Fred, assignor.)
Jones, Frederic P., Seacombe, England. Manufacture of bricks. 1,475,832; Nov. 27.
Jones, Frederick W., jr. (See Forse, W. T., Jones, and Walters.)
Jones, George C. (See Genter, A. L., and Jones.)
Jones, George F. (See Ryan, M. J., and Jones.)
Jones, George F., and J. H. Allison, Indianapolis, Ind., assignors to Allison Coupon Company. Coupon book. 1,470,012; Oct. 9.
Jones, George G., Cleveland, Ohio. Combined grave marker and flag holder. Des. 62,288; May 1.
Jones, George G., New York, N. Y., assignor to American Telephone and Telegraph Company. Electrolysis mitigation. 1,454,895; May 15.
Jones, George H., New York, N. Y. Composite lumber or beam structure. 1,444,466; Feb. 6.
Jones, George W., Gum Neck, N. C. Hoof holder. 1,472,527; Oct. 30.
Jones, Grayson, Nashville, Tenn. Pipe bender or elbow former. 1,452,383; Apr. 17.
Jones, Harry, Suffern, N. Y., assignor to The American Brake Shoe & Foundry Company, Wilmington, Del. Brake shoe. 1,462,967; July 24.
Jones, Harry B., Chicago, Ill. Granary. 1,474,827; Nov. 20.
Jones, Harry B., assignor, by mesne assignments, to Permanent Products Company, Chicago, Ill. Ventilated stave. Re15,516; Jan. 2.
Jones, Harry C., Larchmont, assignor to Lithoprintex Corporation, New York, N. Y. Vacuum frame for printing upon sensitized surfaces. 1,478,828; Dec. 25.
Jones, Harry H. (See Butler, C. H., and Jones.)
Jones, Harry H., Holland, Oreg. Gun sight. 1,442,952; Jan. 23.
Jones, Harry H., Holland, Oreg. Tool. 1,446,904; Feb. 27.
Jones, Harry M. (See Peart, F. L., and Jones.)
Jones, Harry W., St. Louis, Mo. Rail tie. 1,449,676; Mar. 27.
Jones, Henry C., Pawtucket, R. I. Cleaning device. 1,448,964; Mar. 20.
Jones, Henry D., assignor to The Galion Iron Works & Mfg. Co., Galion, Ohio. Cooling system for motor vehicles. 1,450,442; Apr. 3.
Jones, Hilton I. (See Du Bois, R., and Jones.)
Jones, Horry M., Chicago, Ill. Measuring device. 1,474,904; Nov. 20.
Jones, Howard B., Chicago, Ill. Wire-handled hammer. 1,449,677; Mar. 27.
Jones, Howard B., assignor to Rotary Manufacturing Co., Chicago, Ill. Pump. 1,464,135; Aug. 7.
Jones, Howard N., assignor of one-half to T. Z. Carpenter, Providence, R. I. Separable-die holder. 1,449,412; Mar. 27.
Jones, Howard R., assignor to Vibro-Dental Products, Philadelphia, Pa. Container. 1,476,404; Dec. 4.
Jones, Hugh S., Hampstead, London, England. Treeing device for boots and shoes 1,449,820; Mar. 27.
Jones, Ira M., administrator. (See Ratcliffe, Frank S.)
Jones, Jacob, Seattle, Wash. Sound reproducer. 1,445,322; Feb. 13.
Jones, James C., and A. C. Kreutzer, Philadelphia, Pa. Grass trimmer. 1,445,515; Feb. 13.
Jones, James C., and A. C. Kreutzer, Philadelphia, Pa. Split gear. 1,473,706; Nov. 13.
Jones, James E., Richmond, Ind. Fly-eliminating screen. 1,450,374; Apr. 3.
Jones, James E., Washington, D. C. Holding and serving device for toilet-seat coverings. 1,478,744; Dec. 25.
Jones, James T., Maidenhead, England. Resilient-tired wheel. 1,452,342; Apr. 17.
Jones, Jay D., New York, N. Y. Headlight dimmer. 1,455,956; May 22.
Jones, Jesse G., East Ham, England. Bridge for stringed musical instruments. 1,459,057; June 19.
Jones, Jesse G., East Ham, England. Bridge for pianofortes and like stringed musical instruments. 1,476,014; Dec. 4.
Jones, Joe E., Lockhart, Tex. Casket support. 1,468,111; Sept. 18.
Jones, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic cartridge. 1,454,812; May 8.
Jones, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic cartridge. 1,454,813; May 8.
Jones, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic cartridge. 1,454,814; May 8.
Jones, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic cartridge. 1,454,815; May 8.
Jones, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic cartridge. 1,454,816; May 8.
Jones, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic cartridge. 1,454,817; May 8.
Jones, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic cartridge. 1,454,818; May 8.
Jones, John R., Milwaukee, Wis. Pin lifter. 1,455,533; May 15.
Jones, John T., assignor to Howells Metallurgical Company, Pittsburgh, Pa. Producing steel. 1,466,301; Aug. 28.
Jones, John W. (See Maine, Roy D., assignor.)
Jones, John W., Mrs., et al. (See Rogers, Joseph C., assignor.)
Jones, John W., Perth, Scotland. Junction box for conduit piping. 1,440,389; Jan. 2.
Jones, John W., Auckland, New Zealand. Guard for motor vehicles and the like. 1,472,005; Oct. 23.
Jones, John W., and W. S. Reynolds, Syracuse, N. Y. Draft pipe and damper construction for heaters. 1,447,988; Mar. 13.
Jones, Joseph H. (See Burgess, Robert, assignor.)
Jones, Joseph H., Winthrop, assignor of one-half to R. Burgess, Newton Center, Mass. Cap-spinning frame. 1,467,286; Sept. 4.
Jones, Joseph H., Winthrop, assignor of one-half to R. Burgess, Newton Center, Mass. Cap-spinning frame. 1,467,287; Sept. 4.
Jones, Joseph H., Winthrop, assignor of one-half to R. Burgess, Newton Center, Mass. Stop-motion mechanism for spinning frames. 1,474,040; Nov. 13.
Jones, Joseph W., Corning, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Oil governor for compressor engines. 1,453,681; May 1.
Jones, Joseph W., Corning, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Plate valve. 1,470,625; Oct. 16.
Jones, Laban E., and C. R. Wraith, Anaconda, Mont. Automatic combustion regulator. 1,458,419; June 12.
Jones, Laban E., and C. R. Wraith, Anaconda, Mont. Draft gauge. 1,468,948; Sept. 25.
Jones & Laughlin Steel Company. (See Free, John W., assignor.)
Jones and Laughlin Steel Company. (See Naugle, H. M., and Townsend, assignors.)
Jones, Leon B. (See Moore, R. S., and Jones.)
Jones, Lester L. (See Israel, Lester L.)
Jones, Lester L., New York, N. Y. Electric battery. 1,469,015; Sept. 25.
Jones, Linwood H., Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Smokeless-powder dynamite. 1,447,248; Mar. 6.
Jones, Llewellyn W., Wynnewood, Pa. Forming pipe balls. 1,467,166; Sept. 4.
Jones, Llewellyn, Muncie, Ind. Method and apparatus for the reduction of impurities contaminating molten metals. 1,472,006; Oct. 23.
Jones, Llewellyn, New Castle, assignor to American Sheet and Tin Plate Company, Pittsburgh, Pa. Tinning and galvanizing machine. 1,446,506; Feb. 27.
Jones, Lloyd, Pittsburgh, Pa. Method of and appliance for use in rolling-mill operations. 1,441,354; Jan. 9.
Jones, Lloyd, assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Metal-working machine. 1,449,413; Mar. 27.
Jones, Louis W., Baltimore, Md. Temperature regulator for cooling systems of internal-combustion engines. 1,463,510; July 31.

Jones, Loyd A., assignor to Eastman Kodak Company, Rochester, N. Y. Illumination for plane surfaces. 1,441,689; Jan. 9.

Jones, MacNeal and Camp, Incorporated. (See Camp, Henry P., assignor.)

Jones, Martin A., R. Krollage, and E. C. Yeager, McGregor, Tex. Fuel-oil separator and vaporizer. 1,460,063; June 26.

Jones, Mason H. (See MacDowell, G. J., and Jones.)

Jones, Milton D., Cleveland, Ohio. Car-dumping machine. 1,452,606; Apr. 24.

Jones, Monrowe W., and B. H. Brush; said Jones assignor to Jones-Everett Machine Company, Ardmore, Okla. Combined casing and tool spear. 1,442,276; Jan. 16.

Jones National Automobile Registration System Inc. (See Jones, Charles M., assignor.)

Jones, Orville J., Emmett, Idaho. Pump-operating engine. 1,447,084; Feb. 27.

Jones, Parker J., Chicopee, Mass. Combined loom shuttle-box front guard and guide plate. 1,475,633; Nov. 27.

Jones, Paul K., Clinton, Mo. Shock absorber. 1,471,267; Oct. 16.

Jones, Pearl N., assignor to C. A. Fagan, W. D. George, and S. L. Tone, receivers, Pittsburgh, Pa. Fare token. Des. 62,820; Aug. 7.

Jones, Pearl T., Sacramento, Calif. Combined chair and ironing board. 1,468,817; Sept. 25.

Jones, Peter, Wigan, England. Pneumatic tire. 1,472,913; Nov. 6.

Jones, R. A., and Company. (See Jones, Ruel A., assignor)

Jones, Ralph E. (See Bissell, C. H., and Jones.)

Jones, Richard G., assignor to Brown Process Company, Los Angeles, Calif. Apparatus for dehydrating and cleaning oils. 1,440,832; Jan. 2.

Jones, Richard G., assignor to Brown Process Company, Los Angeles, Calif. Preventing emulsification of oil discharging from oil wells. 1,462,748; July 24.

Jones, Robert E., Evergreen, Colo. Slack-burning stove and furnace. 1,456,380; May 22.

Jones, Robert E., Evergreen, Colo. Slack-burning stove and furnace. 1,465,442; Aug. 21.

Jones, Robert R., Massillon, Ohio. Stool construction. 1,445,516; Feb. 13.

Jones, Robert W., London, Ohio. Vacuum relief and back-pressure valve. 1,476,618; Dec. 4.

Jones, Roscoe C., Jefferson, N. Y. Piston. 1,478,963; Dec. 25.

Jones, Roy E., Storrs, Conn. Water fountain for chickens. 1,454,171; May 8.

Jones, Roy G., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Purification of gases. 1,478,036; Dec. 18.

Jones, Ruel A., assignor to R. A. Jones and Company, Incorporated, Covington, Ky. Carton folding and filing machine. 1,472,364; Oct. 30.

Jones, Russell C., Bronxville, assignor to The Griscom Russell Company, New York, N. Y. Oil cooler. 1,454,053; May 8.

Jones, Russell M. (See Ross, W. H., Durgin, and Jones.)

Jones, Russell S., Chicago, Ill. Shipping bag. 1,466,658; Sept. 4.

Jones, Shepard, Tarentum, Pa. Tea and coffee pot. 1,472,007; Oct. 23.

Jones, Stephen H., Forrest City, Ark. Wagon-box lifter. 1,467,167; Sept. 4.

Jones, Thomas E., Peru, assignor of one-half to L. M. Stump, Plymouth, Ind. Battery-strap mold. 1,462,364; July 17.

Jones, Thomas J., deceased, Catlin, Ill.; E. P. Jones, administratrix. Scissors sharpener. 1,472,760; Oct. 30.

Jones, Thomas X., Minneapolis, Minn. Attachment for window-shade rollers. 1,472,221; Oct. 30.

Jones, Tolliver M., Birmingham, Ala. Linter-gin-rib mounting. 1,457,172; May 29.

Jones, Walter, Cleveland, Ohio. Shears sharpener. 1,451,396; Apr. 10.

Jones, Walter S., Orwood, Calif. Electric water heater. 1,462,703; July 24.

Jones. William, Vancouver, British Columbia, Canada. Phonograph-record holder. 1,440,737; Jan. 2.

Jones, William A., West New Brighton, N. Y. Fan. 1,447,554; Mar. 6.

Jones, William E., Kelly, assignor of one-half to J. V. Adams, McNary, La. Harrow. 1,447,862; Mar. 6.

Jones, William H., and M. Kinnebrew, Fellows, Calif. Combination casing cutter, overshot, and milling tool. 1,454,819; May 8.

Jones, William M., jr., Rochester, N. Y. Vulcanizing treads and mold used in such method. 1,467,761; Sept. 11.

Jones, William T., Omar, W. Va. Loader. 1,452,080; Apr. 17.

Jones, Willis O., Louisville, Ky. Chair desk. 1,452,343; Apr. 17.

Jonsson, Carl H., Borlange, Sweden. Hardening fresh linings of sulphite-pulp digesters. 1,444,467; Feb. 6.

Jonsson, Gustaf E., Halmstad, Sweden. Apparatus for preventing the bursting by freezing of radiators for motor cars and the like. 1,465,134; Aug. 14.

Jonsson, Gustaf E., Halmstad, Sweden. Apparatus for preventing the bursting by freezing of water-circulation systems for combustion engines in motor cars and the like. 1,473,562; Nov. 6.

Jopson Manufacturing Company. (See Jopson, William G., assignor.)

Jopson, William G., Keene, N. H., assignor to Jopson Manufacturing Company, Boston, Mass. Shipping tag. 1,466,173; Aug. 28.

Jordahn, Gus, Palm Beach, Fla. Pneumatic support. 1,461,911; July 17.

Jordan, Benjamin H., assignor to The Willys-Morrow Company, Elmira, N. Y. Gauging machine. 1,464,938; Aug. 14.

Jordan, Christopher C. (See Jordan, William H., assignor.)

Jordan, Donald G., et al. (See Wentling, Lester M., assignor.)

Jordan, Edith M., et al., executors. (See Fahnestock, Ernest B.)

Jordan, Francis R., Boone, Iowa. Glue container and brush holder. 1,451,984; Apr. 17.

Jordan, Fred A., Duluth, Minn. Magnetic ore separator. 1,475,394; Nov. 27.

Jordan, George C., Eau Claire, Wis. Ventilator. 1,456,381; May 22.

Jordan, Harry I., Auburn, Me. Golf-club shaft. 1,457,528; June 5.

Jordan, James, Lowell, Mass. Wrench. 1,445,280; Feb. 13.

Jordan, John M., deceased, Summit, Ga.; T. M. Jordan, administrator. Plant-vermin-exterminating structure. 1,462,861; July 24.

Jordan, Luther M., Sperry, Okla. Hoisting machine. 1,466,289; Aug. 28.

Jordan, Richard D., assignor to Taylor-Wharton Iron and Steel Company, High Bridge, N. J. Melting ferromanganese. 1,467,546; Sept. 11.

Jordan, Robert E., jr., Halls, Tenn. Rope clamp. 1,471,034; Oct. 16.

Jordan, T. M., administrator. (See Jordan, John M.)

Jordan Thomas N., Jackson, Miss. Wheel. 1,446,706; Feb. 27.

Jordan, Walter L., New York, N. Y. Making a composition for purifying liquids. 1,448,846; Mar. 20.

Jordan, Will J. (See Petrea, F. K., and Jordan.)

Jordan, William H., Brooklyn, assignor of one-half to C. C. Jordan, New York, N. Y. Commutator-dressing apparatus. 1,472,365; Oct. 30.

Jordan, William M., jr. (See Rice, R. L., and Jordan.)

Jordin, Clarence B., Cle Elum, Wash. Current motor. 1,443,845; Jan. 30.

Jorgensen, Clarence H. and P. J., assignors to Jorgensen Manufacturing Company, Waupaca, Wis. Priming device. 1,457,033; May 29.

Jorgensen, Emil, Des Moines, Iowa. Fastener for window screens. 1,471,609; Oct. 23.

Jorgensen, Hans L., and A. N. Poulin, Chicago, Ill. Safety sadiron holder. 1,455,026; May 15.

Jorgensen Manufacturing Company. (See Jorgensen, Clarence H. and P. J., assignors.)

Jorgensen, Olav E., New York, N. Y. Single-acting engine. 1,464,821; Aug. 14.

Jorgensen, Olav E., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Oil-engine scavenging pump. 1,447,514; Mar. 6.

Jorgensen, Peder M., Milltown, Wis. Quack-grass destroyer. 1,448,121; Mar. 13.

Jorgensen, Peter J. (See Jorgensen, Clarence H. and P. J.)

Jorgenson, John, et al. (See Beck, Peter, assignor.)

Jorgenson, Michael, et al. (See Beck, Peter, assignor.)

Jorgenson, Peter R., Avoca, Iowa. Combined pen and blade holder. 1,444,155; Feb. 6.

Jory, William E., Martinez, Calif. Internal-combustion engine. 1,452,202; Apr. 17.

Joseph, Arthur S. (See Blackman, Mabel, assignor.)

Joseph, Carl, Bayonne, assignor of one-half to F. J. Kloes, Jersey City, N. J. Awning worm-gear-operating device. 1,475,233; Nov. 27.

Joseph, Frank. (See Lather, Carl, assignor.)

Josephs, Lyman C., jr., and L. H. Cutten, Allentown, Pa., assignors to International Motor Company, New York, N. Y. Heating and ventilating means for motor-propelled cars. 1,440,781; Jan. 2.

Josephs, Lyman C., jr., Allentown, Pa., and G. Wirrer, Plainfield, N. J., assignors to International Motor Company, New York, N. Y. Furnace for the heat treatment of metals. 1,467,669; Sept. 11.

Josephs, Lyman C., jr., Allentown, Pa., and G. Wirrer, Plainfield, N. J., assignors to International Motor Company, New York, N. Y. Furnace for the heat treatment of metals. 1,467,670; Sept. 11.

Josephson, Helmer G., et al., trustees. (See Josephson, Helmer G., assignor.)

Josephson, Helmer G., et al., trustees. (See Winchell, Freeman J., assignor.)

Josephson, Helmer G., Lynn, assignor to F. J. Winchell, Nahant, J. L. Shevenell, Haverhill, and H. G. Josephson, trustees, Lynn, Mass. Apparatus for making shank reenforces. 1,474,719; Nov. 20.

Josler, Angelo, assignor of one-half to F. P. Smith, Chicago, Ill. Window guard. 1,465,443; Aug. 21.

Joslin, A. D., Manufacturing Company. (See Sheras, Morris, assignor.)
Joslin, John, Princeville, Ill. Hand reel. 1,455,167; May 15.
Joslin, William H., South Scituate, R. I. Box. 1,441,727; Jan. 9.
Josselyn, Winsor, Carmel, Calif. Cigarette holder. 1,457,251; May 29.
Josted, Carl M., Milwaukee, Wis. Radiator circulating system. 1,470,846; Oct. 16.
Jotzen, Heinrich, Barmen, Germany. Device for cleaning the felt of paper and cardboard making machines during their operation. 1,478,712; Dec. 25.
Journet, Gabriel, Paris, France. Rotary-kettle kiln for drying and burning plaster stone, plaster, and other similar substances. 1,449,326; Mar. 20.
Jouve, Felix L., Paris, France. Machine for swaging or reducing metal. 1,466,302; Aug. 28.
Jowett, Thompson, London, and C. E. Squire, Sheffield, England. Calculating machine. 1,456,061; May 22.
Joy, Allan R., Portland, Oreg. Nut lock. 1,465,221; Aug. 14.
Joy, Charles H. (See Joy, C. H. jr., and Sauer, assignors.)
Joy, Charles H., jr., and L. J. Sauer, assignors to C. H. Joy, Chicago, Ill. Combination door lock. 1,450,087; Mar. 27.
Joy, Joseph F., Pittsburgh, Pa. Gathering mechanism. 1,445,088; Feb. 13.
Joy, Joseph F., Belle Vernon, assignor to Joy Machine Company, Pittsburgh, Pa. Coal-loading machine. 1,445,084; Feb. 13.
Joy, Joseph F., Belle Vernon, Pa., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Protective device. 1,471,610; Oct. 23.
Joy, Joseph F., New Bethlehem, assignor to Joy Machine Company, Pittsburgh, Pa. Mining apparatus. 1,445,085; Feb. 13.
Joy, Joseph F., New Bethlehem, assignor to Joy Machine Company, Pittsburgh, Pa. Drill. 1,445,086; Feb. 13.
Joy, Joseph F., assignor to Joy Machine Company, Pittsburgh, Pa. Coal-loading machine. 1,445,087; Feb. 13.
Joy Machine Company. (See Joy, Joseph F., assignor.)
Joyce, A. Willard, Newark, N. J., assignor to The Chemical Foundation, Inc., New York, N. Y. Disazo coloring matter. 1,472,333; Oct. 30.
Joyce, Asa W., Newark, N. J., assignor to The Chemical Foundation, Inc., New York, N. Y. Disazo dyes. 1,472,334; Oct. 30.
Joyce, Bryan P., Washington, D. C. Gun carriage. 1,447,085; Feb. 27.
Joyce, Bryan P., Washington, D. C. Equalizing device. 1,447,086; Feb. 27.
Joyce, Bryan P., Washington, D. C. Counterpoise. 1,460,419; July 3.
Joyce, Bryan P., Davenport, Iowa. Coupling. 1,447,087; Feb. 27.
Joyce, Bryan P., Davenport, Iowa. Counterpoise. 1,460,420; July 3.
Joyce, Bryan P., Davenport, Iowa. Trail for gun carriages. 1,473,628; Nov. 13.
Joyce, Bryan P., Davenport, Iowa. Means for securing trunnions to cradle forgings. 1,475,186; Nov. 27.
Joyce, Bryan P., Davenport, Iowa. Traveling lock for gun carriages. 1,475,952; Dec. 4.
Joyce, Bryan P., Davenport, Iowa. Fastening device for gun cradles. 1,476,079; Dec. 4.
Joyce-Cridland Company, The. (See Ripsch, Charles W., assignor.)
Joyce-Cridland Company, The. (See Ripsch, C. W., and Dawley, assignors.)
Joyce-Cridland Company, The. (See Ripsch, C. W., Dawley, and Derby, assignor.)
Joyce, Emily W. (See Starkweather, Brayton W., assignor.)
Joyce, James T., trustee. (See Laursen, Laurits A., assignor.)
Joyce, John L., Columbus, Ohio. Mop. 1,454,544; May 8.
Joyner, Clifford A., Muncie, Ind. Boat-propelling device. 1,475,833; Nov. 27.
Joyner, Frank J., Aiken, S. C. Support for tops of motor cars. 1,444,838; Feb. 13.
Joyner, William H., East Bernstadt, Ky. Surgical saw. 1,455,621; May 15.
Jubilee Manufacturing Company. (See Gillet, Alexis F., assignor.)
Judd, Alfred A., assignor of one-half to C. F. Murtaugh, Iroquois Falls, Ontario, Canada. Paper-making machine. 1,476,894; Dec. 11.
Judd, Edward R., and L. Minnick, Kansas City, Mo. Knife and scissors sharpener. 1,474,636; Nov. 20.
Judd, Henry S. (See Craver, Howard S., assignor.)
Judd, Morton F., Stratford, assignor to The Raybestos Company, Bridgeport, Conn. Transmission and brake mechanism. 1,459,470; June 19.
Judd, Ralph P., Cleveland, Ohio. Lubricating compound. 1,449,608; Mar. 27.
Judelson, Julius, New York, N. Y. Drier. 1,449,609; Mar. 27.
Juderjahn, Frank W., assignor of one-half to J. Lubenow, Milwaukee, Wis. Hot-water heater. 1,449,678; Mar. 27.
Judge, Louis L., Baltimore, Md. Fastener for eyeleted edges of fabrics. 1,440,997; Jan. 2
Judge, Michael H., Greeley, Nebr. Gate latch. 1,450,443; Apr. 3.
Judkins, John D., San Diego, Calif. Dish drainer. 1,456,803; May 29.
Judson, Albert O., Columbus, Ohio. Spring bushing. 1,475,344; Nov. 27.
Judson, Charles S., et al. (See Gompf, Harry V., assignor.)
Juengling, Karl F., Lakewood, Ohio. Automatic stoker. 1,452,081; Apr. 17.
Juer, George. (See Bindschedler, E., and Juer.)
Juer, George, Hopewell, Va., assignor to Tubize Artificial Silk Company of America, Wilmington, Del. Artificial-silk-spinning machine. 1,452,607; Apr. 24.
Juergensen, Peter, Des Moines, Iowa. Lemon squeezer. 1,469,514; Oct. 2.
Juhasz, Andrew, Chicago, Ill. Barber-chair register. 1,440,920; Jan. 2.
Juhász, Andrew, Chicago, Ill. Barber-chair register. 1,448,448; Mar. 13.
Juillard, Ernest, Geneva, assignor to Firm Ateliers H. Cuenod, Societe Anonyme, Chatelaine, near Geneva, Switzerland. Carburetor. 1,441,858; Jan. 9.
Juley, Joseph P., Lyndhurst, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Coin collector. 1,470,747; Oct. 16.
Julian d'Este Company. (See Webb, Edward, assignor.)
Julian, Gideon J. (See Cosgrove, J. W., and Julian.)
Julian, Gideon J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Coating apparatus. 1,476,015; Dec. 4.
Julian, Isaac, Chatfield, Minn. Chick feeder. 1,468,205; Sept. 18.
Julian & Kokenge Company, The. (See Bohr, Henry B., assignor.)
Julien, Napoleon P., Springfield, Mass. Elevator. 1,454,117; May 8.
Julin, Victor T., Djursholms-Danderyd, Sweden. Gimlet. 1,441,930; Jan. 9.
Juline, Arthur, Chicago, assignor of one-half to O. C. Dennis, Wilmette, Ill. Dispensing apparatus for toilet-seat covers. 1,467,481; Sept. 11.
Jullin, Alexis J., St.-Cloud, France. Apparatus for regulating the voltage of dynamos. 1,468,024; Sept. 18.
Julson, Oscar M., Groton, S. Dak. Hitch. 1,473,563; Nov. 6.
Jumonville, Charles, New York, N. Y. Mop. 1,467,324; Sept. 11.
Jung, Henry, Bloomer, Wis. Fruit protector. 1,471,167; Oct. 16.
Jung, John, Campbellsport, Wis. Draft coupling. 1,465,849; Aug. 21.
Jung, Philip H., Mount Union, Pa. Method and apparatus for separating coke and ash. 1,466,377; Aug. 28.
Jungbluth, Carl J. (See Knott, H. H., Jungbluth, and Hammer.)
Junge, Xavier, Venturia, N. Dak. Stovepipe coupling. 1,460,910; July 3.
Junggren, Oscar, Schenectady, N. Y., assignor to General Electric Company. Shaft bearing. 1,463,018; July 24.
Junggren, Oscar, Schenectady, N. Y., assignor to General Electric Company. Elastic-fluid turbine. 1,475,267; Nov. 27.
Junggren, Oscar, Schenectady, N. Y., assignor to General Electric Company. Elastic-fluid turbine. 1,477,360; Dec. 11.
Jungk, Herbert G., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Commutator brush. 1,442,072; Jan. 16.
Junglegym, Inc. (See Hinton, Sebastian, assignor.)
Junker, Anthony, Gloversville, N. Y. Stocking. 1,459,590; June 19.
Junkers, Hugo, Dessau, Germany. Riveting device. 1,446,972; Feb. 27.
Junkers, Hugo, Dessau, Germany. Riveting. 1,446,973; Feb. 27.
Junkers, Hugo, Dessau, Germany. Mixing valve 1,454,172; May 8.
Junkers, Hugo, Dessau, Germany. Radiator. 1,464,765; Aug. 14.
Junkers, Hugo, Dessau, Germany. Device for producing rivet connections. 1,476,756; Dec. 11.
Junkers, Hugo, Aachen-Frankenburg, Germany. Flying-machine supporting surface. 1,462,704; July 24.
Junkin, John C., assignor to Carter Mayhew Manufacturing Company, Minneapolis, Minn. Grain separator. 1,445,957; Feb. 20.
Junkunc, John, Chicago, Ill. Christmas-tree stand or the like. 1,445,625; Feb. 20.
Jupp, Alfred E. (See Ohlson, C. G., and Jupp.)
Jurgensen, August P., New York, assignor to I. Goldberg, Brooklyn, N. Y. Cream dipper. 1,473,104; Nov. 6.
Jury, Alfred E. (See Hopkinson, E., and Jury.)
Jury, Alfred E., Newark, N. J., assignor, by mesne assignments, to Morgan & Wright, Detroit, Mich. Strain-resisting element for rubber articles. 1,444,076; Feb. 6.
Jury, Alfred E., Rutherford, N. J., assignor to Morgan & Wright. Tire and fabric therefor. 1,470,924; Oct. 16.
Jury, Frank W., Milwaukee, Wis. Gear-cutting machine. 1,456,240; May 22.
Justrite Manufacturing Company. (See Frisbie, William J., assignor.)

Justrite Measuring Machine Company, The. (See Barrows, Walter A., assignor.)
Justus, Ora H., Parkersburg, W. Va. Purifier for gasoline systems. 1,464,822; Aug. 14.
Juvet, Obel, Ferndale, Wash. Roll holder. 1,467,896; Sept. 11.
Juvinall, Orla E., Danville, Ill. Bench clamp. 1,472,982, Nov. 6.
K-B Pulverizer Company. (See Blum, Joseph K., assignor.)
K-D Barrel & Hamper Company, The. (See Walker, Joseph L., assignor.)
K-D Lamp Company, The. (See Driemeyer, Edward W., assignor.)
K. F. & C. Tire & Rubber Corporation. (See Krusemark, Frederick A., assignor.)
Kabanuck, Jack B., Max, N. Dak. Piston-ring remover. 1,466,659; Aug. 28.
Kačer, Filip, Manheim, assignor to Badische Anilin- & Soda-Fabrik, Ludwigshafen-on-the-Rhine, Germany. Manufacture of vat coloring matters. 1,459,536; June 19.
Kach, Robert Portland, Oreg. Gas mixer. 1,473,349; Nov. 6.
Kacker, Henry J. F. T., Birmingham, Ala. Bag-cleaning machine. 1,461,850; July 17.
Kackley, Willard H., Byesville, Ohio. Duplex envelope. 1,458,829; June 12.
Kaczmarski, Bronislaw, Detroit, Mich. Beet topper. 1,471,738; Oct. 23.
Kadavy, Godfrey J., Ravenna Nebr. Ether-can attachment dropper. 1,446,751; Feb. 27.
Kadel, Byers W., Baltimore, Md. Car construction. 1,473,909; Nov. 13.
Kadel, Byers W., Baltimore, Md. Railway car. 1,475,187; Nov. 27.
Kadel, Byers W., Baltimore, Md., assignor to The T. H. Symington Company, New York, N. Y. Draft yoke and manufacturing same. 1,440,998; Jan. 2.
Kadel, Byers W., Baltimore, Md., assignor to The T. H. Symington Company, New York, N. Y. Car truck. 1,440,999; Jan. 2.
Kadel, Byers W., Baltimore, Md., assignor to The T. H. Symington Company, New York, N. Y. Manufacturing draft yokes. 1,449,679; Mar. 27.
Kadel, Byers W., Baltimore, Md., assignor to The T. H. Symington Company, New York, N. Y. Composite car framing. 1,463,703; July 31.
Kadel, George W., Dallas, Tex. Landing carriage for aeroplanes. 1,463,471; July 31.
Kadow, Walter E., Puyallup, Wash. Spoke wrench. 1,475,834; Nov. 27.
Kaefer, John G., Oakley, Ohio. Dispensing device. 1,473,187; Nov. 6.
Kaelble, Herman F., Egg Harbor City, N. J. Transmission lock. 1,452,203; Apr. 17.
Kaelin, Frederick T., Montreal, Quebec, Canada. Electric-boiler construction. 1,476,080; Dec. 4.
Kaemmerer, Paul. (See Barényi, A., and Kaemmerer.)
Kaeser, Otto F. (See Bager, S. R. W. M., Kaeser, and Lehman.)
Kaestner & Hecht Company. (See Brenne, Richard, assignor.)
Kaestner & Hecht Company. (See Clancy, John F., assignor.)
Kaestner & Hecht Company. (See Gazda, Adolph A., assignor.)
Kaestner, Louis W., Chicago, Ill. Article carrier. 1,441,810; Jan. 9.
Kager Automobile Radiator Holder Company. (See Kager, Jasper W., assignor.)
Kager, Jasper W., Butte, Mont., assignor to Kager Automobile Radiator Holder Company. Radiator holder. 1,460,344; June 26.
Kagermeier, Frank, New Ulm, Minn. Concrete building block. 1,461,851; July 17.
Kageyama, Hosaku, Los Angeles, Calif. Electrical direction indicator. 1,457,173; May 29.
Kägi, Emil, Winterthur, Switzerland, assignor to Busch-Sulzer Bros.-Diesel Engine Company, St. Louis, Mo. Controlling means for internal-combustion-engine plants. 1,452,561; Apr. 24.
Kahl, Charles N., Jacksonville, Ill. Hydraulic clutch. 1,471,338; Oct. 23.
Kahl, William, Brooklyn, N. Y. Towel rack. 1,461,124; July 10.
Kahlisch, Gustav. (See Reiners, W., and Kahlisch.)
Kahlow, Arthur, Mayville, Wis. Handle for traveling bags. 1,452,243; Apr. 17.
Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. Heater. 1,457,078; May 29.
Kahn, Joseph, Chicago, Ill. Loose-leaf device. 1,444,612; Feb. 6.
Kahn Manufacturing Company. (See Pendergrass, Walter L., assignor.)
Kahn, Max, New York, N. Y., assignor to Intarvin Co. Inc. Utilization of edible fats. 1,455,254; May 15.
Kahns, Walter R., assignor to J. H. White Manufacturing Company, Brooklyn, N. Y. Extensible support for electric-lamp sockets. 1,443,747; Jan. 30.
Kahns, Walter R., and K. Keller, assignors to J. H. White Manufacturing Company, Brooklyn, N. Y. Lighting fixture. 1,443,748; Jan. 30.
Kahnweiler, Sidney B., New York, N. Y. Animal toy. 1,441,095; Jan. 2.
Kail, Charles E., assignor to The A. & J. Manufacturing Co., Binghamton, N. Y. Egg beater. 1,470,169; Oct. 9.
Kail, Charles E., assignor to The A. & J. Manufacturing Co., Binghamton, N. Y. Egg beater. 1,470,170; Oct. 9.
Kaim, Henry J., St. Paul, Minn. Reversing mechanism for lathes. 1,461,776; July 17.
Kaimer, Richard B., assignor to The English & Mersick Co., New Haven, Conn. Latch for vehicle doors. 1,446,848; Feb. 27.
Kaimer, Richard V., assignor to The English & Mersick Co., New Haven, Conn. Latch for vehicle doors. 1,453,712; May 1.
Kain & Aunger Company, The. (See Kain, Robert, assignor.)
Kain, Robert, Cleveland, Ohio, assignor to The Kain & Aunger Company. Damper-locking device. 1,440,921; Jan. 2.
Kaiser, Christian, assignor to Great Falls Automatic Shell Company, Great Falls, Mont. Projectile. 1,447,023; Feb. 27.
Kaiser, Fred H., Ainsworth, Nebr. Foot-power swing chair. 1,468,569; Sept. 18.
Kaiser, George, St. Louis, Mo. Transmission mechanism. 1,445,323; Feb. 13.
Kaiser, Henry, assignor to The Farm Specialty Mfgr. Co., New Holstein, Wis. Coupling apparatus for tractors. 1,460,347; June 26.
Kaiser, Jacob W., Cleveland, Ohio. Device for inflating tires and the like. 1,467,671; Sept. 11.
Kaiser, John N. (See Frey, J. H., and Kaiser.)
Kaiser, Reuben, assignor to T. M. Duché & Sons, New York, N. Y. Sizing composition. 1,448,847; Mar. 20.
Kaiser, William S., Milwaukee, Wis. Doll. Des. 62,330; May 8.
Kaiserman, Achille, and A. Zaugg, Detroit, Mich. Oil-burning attachment. 1,458,919; June 12.
Kaisling, Frank W., jr., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Ammeter. 1,471,849; Oct. 23.
Kaisling, William, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Electrical rectifier and pole changer. 1,441,426; Jan. 9.
Kaisling, William, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Polarity indicator. 1,441,427; Jan. 9.
Kaisling, William, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Ignition switch. 1,450,728; Apr. 3.
Kaisling, William, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Calling device. 1,456,602; May 29.
Kaisling, William, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Ignition switch. Re15,700; Oct. 16.
Kaji, Hilda, assignor to M. B. Leventhal, Philadelphia, Pa. Textile fabric or similar article. Des. 62,290; May 1.
Kalaf, John, jr., Meta, Mo. Diaphragm violin. 1,455,916; May 22.
Kalafatović, Mathew. (See Harmsen, E. G. D., and Kalafatović.)
Kalamazoo Loose Leaf Binder Co. (See Wigginton, George P., assignor.)
Kalamazoo Paper Box Company. (See Allworth, Frank E., assignor.)
Kalamazoo Paper Box Company. (See Poppe, Edward W., assignor.)
Kalanzis, James G., Chattanooga, Tenn. Shutter lock for cameras. 1,446,186; Feb. 20.
Kalenoff, Godel, St. Louis, Mo. Cutting machine. 1,473,629; Nov. 13.
Kales Stamping Company. (See Eckermann, Leo A., assignor.)
Kales Stamping Company. (See Zink, Fred W., assignor.)
Kälin, Josef, Oberwinterthur, Switzerland. Element for wainscoting. 1,463,041; July 24.
Kalischer, Georg, Mainkur, near Frankfort-on-the-Main, J. Müller and D. Nissen, Frankfort-on-the-Main, Germany, assignors to Leopold Cassella & Co., Gesellschaft mit beschrankter Haftung. Yellow vat dyestuff. 1,440,833; Jan. 2.
Kalisz, Steve, Chicago, Ill. Drier. 1,459,211; June 19.
Kaliwerke Salzdetfurth Aktiengesellschaft. (See Hennicke, Rudolf, assignor.)
Kalle & Co. Aktiengesellschaft. (See Kögel, G., and Neuenhaus, assignors.)
Kalle & Company, Aktiengesellschaft. (See Schmidt, M. P., and Roess, assignors.)
Kallio, Arvo, Worcester, Mass. Rail clamp. 1,440,390; Jan. 2.
Kallmeyer, Theophilus, Santa Paula, Calif. Revolving piston. 1,474,325; Nov. 13.
Kalman, William, Chicago, Ill. Antiskid device. 1,476,716; Dec. 11.
Kalmanovitch, Jakob, Brooklyn, N. Y. Photo-reproducing apparatus. 1,447,388; Mar. 6.

Kalmus, Comstock & Wescott, Inc. (See Atwood, Francis C., assignor.)
Kalmus, Comstock & Wescott, Inc. (See Comstock, Daniel F., assignor.)
Kalmus, Comstock & Wescott, Inc. (See Osann, Norman, assignor.)
Kalmus, Comstock & Wescott, Inc. (See Wescott, William B., assignor.)
Kalmus, Comstock & Wescott, Inc. (See Whitney, Lyman F., assignor.)
Kaltenbach, John, Waterloo, Iowa. Sash fastener. 1,462,345; July 17.
Kaltenbach, Robert W., Cleveland Heights, assignor to The McMyler Interstate Company, Bedford, Ohio. Floating crane. 1,443,078; Jan. 23.
Kaltwasser, Oskar, Berlin, and L. Kirberger, Berlin-Charlottenburg, assignors to Actien Gesellschaft für Anilin Fabrikation, Berlin, Germany. Dyeing skins, hairs, and the like. 1,460,758; July 3.
Kambayashi, Kazuo, Kuze-gun, Kyoto, Japan. Incandescent electric lamp. 1,445,398; Feb. 13.
Kamenstein, Meyer, New York, N. Y. Cash box. 1,470,749; Oct. 16.
Kamijo, Hiroji, Tokyo, Japan. Manufacture of cloth tags. 1,447,555; Mar. 6.
Kaminski, Joseph A., Chicago, Ill. Drafting instrument. 1,461,530; July 10.
Kaminski, Paul, Berlin-Pankow, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, Germany. Electric signaling system. 1,470,368; Oct. 9.
Kaminski, Paul, Berlin-Pankow, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Teleadjuster for guns and the like. 1,470,369; Oct. 9.
Kaminski, Paul, Berlin-Pankow, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Apparatus for the long-distance adjustment of guns and the like. 1,470,748; Oct. 16.
Kam-Kap Appliance Co. (See Kenneweg, Albert H., assignor.)
Kammerdiner, James A., Montebello, Calif. Rotary jar. 1,469,305; Oct. 2.
Kammerer, William. (See Rickenbacker, A., and Kammerer.)
Kammerhoff, Meno, Orange, N. J. Battery holder. 1,471,739; Oct. 23.
Kammeyer, Charles T., Niagara Falls, N. Y. Galley bar and proof. 1,465,082; Aug. 14.
Kamper, Leslie H. (See Adland, V. E., and Kamper.)
Kampmann, Gerhardt S. R., Holte, near Copenhagen, Denmark. Tumbler or ward lock. 1,450,088; Mar. 27.
Kanagy, Abraham L., and W. H. Cotton, Chicago, Ill. Sectional furnace roof. 1,440,468; Jan. 2.
Kanak, Joseph C., Chicago, Ill. Hot-air furnace. 1,462,287; July 17.
Kanamori, Shigeyuki, Tokyo, Japan. Building block. 1,466,836; Sept. 4.
Kandler, Edmund, and J. C. Sabel, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Mounted optical system. 1,476,717; Dec. 11.
Kane, Edmund J., Chicago, Ill. Power-operated crane. 1,452,690; Apr. 24.
Kane, John M., Kankakee, Ill. Self-feeder for thrashing machines. 1,440,391; Jan. 2.
Kane, Michael F., Shaft, Pa. Illuminated-license-tag holder for vehicles. 1,456,736; May 29.
Kane, Paul. (See Mowry, E., and Kane.)
Kane, Richard W. H. (See Badcock, Fred, assignor.)
Kane, Thomas H., assignor to Truscon Steel Company, Youngstown, Ohio. Building construction. 1,458,230; June 12.
Kane, Walter, Sarnia, Ontario, Canada. Car-door fastener. 1,457,737; June 5.
Kaneen, Harry B., Papineau, Ill. Typewriter attachment. 1,454,588; May 8.
Kanet, Nathan. (See Mitzenmacher, Sam, assignor.)
Kaniuk, Michael, Boyertown, Pa. Dish or vessel cover. Des. 62,227; Apr. 17.
Kaniuk, Michael, Boyertown, Pa. Milk boiler. 1,452,344; Apr. 17.
Kanner, Samuel. (See Pollak, Abraham, assignor.)
Kansas City Gasoline Company, The. (See Lasher, Henry M., assignor.)
Kansas City Gasoline Company, The. (See Wellman, Frank E., assignor.)
Kant-Break Ladders, Inc. (See Walchli, George H., assignor.)
Kanygin, Peter, Brilliant, British Columbia, Canada. Heavy-duty hammer. 1,443,689; Jan. 30.
Kapatas, Gregore K., Providence, R. I. Roving stop motion for spinning frames. 1,458,980; June 19.
Kapelman, Felix G., New York, N. Y. Combination chair. 1,455,255; May 15.
Kaperzenski, Stanley, Detroit, Mich. Combined sword and revolver. 1,478,568; Dec. 25.
Kapickas, Paul K., Brockton, Mass., assignor of one-half to P. Walatkevicius, Nanticoke, Pa. Combination cigarette and match box. 1,443,577; Jan. 30.
Kaplan, Louis, New York, N. Y. Rubber heel. 1,467,547; Sept. 11.
Kaplan, Morduch L., Brooklyn, N. Y. Electric candle lamp. 1,477,875; Dec. 18.
Kaplan, Morduch L., Brooklyn, N. Y. Electric-battery lamp. 1,477,876; Dec. 18.
Kaplan, Morduch L., Brooklyn, N. Y. Electric-battery lamp. 1,477,877; Dec. 18.
Kaplan, Morduch L., Brooklyn, N. Y. Electric-battery lamp. 1,477,878; Dec. 18.
Kaplan, Samuel, Monroe, La. Wheel for automobiles. 1,465,714; Aug. 21.
Kaplan, Samuel, Monroe, La. Wheel for automobiles. 1,465,715; Aug. 21.
Kaplan, Samuel, and H. M. Howell, assignors to Instant Changeable Tire Rim Co. Inc., Monroe, La. Wheel for automobiles. 1,478,437; Dec. 25.
Kaplan, Victor, Brunn, Czechoslovakia. Water turbine. 1,451,263; Apr. 10.
Kaplan, Victor, Brunn, Austria. Draft tube. 1,467,168; Sept. 4.
Kaplan, Victor, Brunn, Austria. Directrix for turbines and the like. 1,467,325; Sept. 11.
Kaplan, Victor, Brunn, Austria. Turbine. 1,467,672; Sept. 11.
Kaplon, Abraham I., Brunswick, Md. Radiator thermostat. 1,462,012; July 17.
Karajem, Roman. (See Wodonos, Stephen, assignor.)
Karaus, Joseph, Elizabeth, N. J. Making reeds. 1,446,095; Feb. 20.
Karayanis, Nicholas J. (See Miller, W. P., and Karayanis.)
Karch, Charles R., Brantford, Ontario, Canada. Snubbing attachment for vehicles. 1,441,355; Jan. 9.
Karcher, David P., Somerville, Mass. Hoist. 1,456,131; May 22.
Karczewski, Alphons, Clintonville, Wis. Shears. 1,444,792; Feb. 13.
Kardos, Emanuel, Newark, N. J. Detinning tin scrap and the like. 1,471,469; Oct. 23.
Kardos, Emanuel, Newark, assignor to Metal & Thermit Corporation, Chrome, N. J. Tin sponge article of manufacture and producing and utilizing the same. 1,466,837; Sept. 4.
Karft, Carl, et al. (See Faralla, Raoul A., assignor.)
Karge, Maxwell R., Phoenix, assignor, by mesne assignments, to C. J. Deckop, Buffalo, N. Y. Cushion shaft coupling. 1,471,488; Oct. 23.
Karish, Isaak, and J. Kernes, Chicago, Ill. Phonograph. 1,455,209; May 15.
Karitzky, John. (See Pleister, H. W., and Karitzky.)
Karitzky, John, Garwood, assignor, by mesne assignments, to H. B. Newhall, Plainfield, N. J. Bolt anchor. 1,452,514; Apr. 24.
Karitzky, John, Garwood, N. J., assignor to H. B. Newhall, executor of H. B. Newhall, sr., deceased. Bolt anchor. 1,469,668; Oct. 2.
Karl, Andrew J., et al. (See Webb, Benjamin F., assignor.)
Karl, Andrew J., and B. F. Webb, Sistersville, W. Va. Power-transmission device. 1,444,613; Feb. 6.
Karl, Andrew J., and B. F. Webb, Sistersville, W. Va. Power-transmission device. 1,449,328; Mar. 20.
Karl, Andrew J., Sistersville, and B. F. Webb, Bens Run, assignors to Webb Multispeed Winch Manufacturing Company, Sistersville, W. Va. Combined winch and support therefor. 1,461,637; July 10.
Karl, Charles L. B. (See Karl, Julius E., C. L. B., and J. D.)
Karl, Heinrich. (See Karl, William and H.)
Karl, Heinrich, Jersey City, N. J. Toothbrush and making it. 1,477,706; Dec. 18.
Karl, Joseph D. (See Karl, Julius E., C. L. B., and J. D.)
Karl, Julius E., C. L. B., and J. D., Peoria, Ill. Oil gauge for internal-combustion engines. 1,475,268; Nov. 27.
Karl, William and H., Jersey City, N. J. Toothbrush. 1,476,519; Dec. 4.
Karlan, Jake, New York, N. Y. Making finger rings. 1,474,828; Nov. 20.
Karlen, Louis W., Des Moines, Iowa. Folder and fastener therefor. 1,464,766; Aug. 14.
Karlson, Gustav V., Elizabeth, N. J., assignor to Chillingworth Engineering Corporation. Signal flasher. 1,447,136; Feb. 27.
Karlson, Henry C. (See MacInnes, Jesse, assignor.)
Karlson, Henry C. (See Palm, Victor F. L., assignor.)
Karmann, Michael, Highland Park, Mich. Artificial tooth. 1,452,878; Apr. 24.
Karns, Walter E., assignor of one-eighth to M. A. Wallace, Indianapolis, Ind. Gas producing and cooling device. 1,470,847; Oct. 16.
Karns, Walter E., Cincinnati, Ohio, assignor of one-eighth to M. A. Wallace, Indianapolis, Ind. Producing gas. 1,470,848; Oct. 16.
Karp, George, Long Island City, N. Y. Cigar container and humidor. 1,474,264; Nov. 13.
Karpal, Sam, Holmesburg, assignor of one-half to J. Zach, Philadelphia, Pa. File cutter. 1,474,720; Nov. 20.
Karpeles Company. (See Richardson, Charles F., assignor.)
Karpen, S., & Bros. (See Carter, C. B., and Coxe, assignors.)
Karpiej, John, Hamtramck, Mich. Caster. 1,460,159; June 26.

Karr, Alfred D., Newark, N. J., and K. D. Perkins, assignors to Audiffren Refrigerating Machine Co., New York, N. Y. Refrigerating machine. 1,467,796; Sept. 11.
Karr, Francis, Holland, Mich. Cushion. 1,468,268; Sept. 18.
Karrett, Henry, Des Moines, Iowa. Garment. 1,467,482; Sept. 11.
Karsack, Paul, Cleveland, Ohio. Cover for boilers. 1,454,118; May 8.
Karst, Joseph P. and O. J., St. Louis, Mo. Transportation package for graphophone records. 1,462,642; July 24.
Karst, Oliver J. (See Karst, Joseph P. and O. J.)
Karsting, H. B. (See McCracken, E., and Gray, assignors.)
Kartzmark, Otto, West Haven, Conn. Dispensing receptacle. 1,452,691; Apr. 24.
Karus, Joseph, New York, N. Y. Cap. 1,443,475; Jan. 30.
Kasch, Charles H., Davenport, Iowa. Pintle. 1,444,311; Feb. 6.
Kasdan, Nathan, New York, N. Y. Vanity bag and the like. 1,454,515; May 8.
Kasdan, Nathan, New York, and D. Pollack, Brooklyn, N. Y., assignors to Majestic Machine & Tool Co., Inc., New York, N. Y. Vanity box. 1,463,472; July 31.
Kasdan, Nathan, New York, and D. Pollack, Brooklyn, assignors to Majestic Machine & Tool Co., Inc., New York, N. Y. Combination vanity article. 1,469,562; Oct. 2.
Kashinsky, John, assignor to New Jersey Can Company, Weehawken, N. J. Receptacle. 1,462,578; July 24.
Kashiwabara, Tsunejiro, Mii-Gun, Fukuoka-Ken, Japan. Gas engine. 1,476,255; Dec. 4.
Kashmere, John C., and J. K. Roberts, assignors to W. C. Williams, Wilkes-Barre, Pa. Toy vehicle. 1,457,842; June 5.
Kasik, Robert, Chicago, Ill. Household noodle cutter. 1,442,616; Jan. 16.
Kasley, Alexander T., Tinicum Township, Delaware County, Pa., assignor to Westinghouse Electric & Manufacturing Co. Locomotive. 1,444,545; Feb. 6.
Kasley, Alexander T., Tinicum Township, Delaware County, Pa., assignor to Westinghouse Electric & Manufacturing Company. Condensing apparatus. 1,444,546; Feb. 6.
Kasley, Alexander T., Essington, Pa., assignor to Westinghouse Electric & Manufacturing Company. Inlet manifold. 1,444,547; Feb. 6.
Kasley, Alexander T., Essington, Pa., assignor to Westinghouse Electric and Manufacturing Company. Torpedo. 1,450,597; Apr. 3.
Kasley, Alexander T., Essington, Pa., assignor to Westinghouse Electric and Manufacturing Company. Driving arrangement for ships. 1,461,852; July 17.
Kasley, Alexander T., Essington, Pa., assignor to Westinghouse Electric & Manufacturing Company. Turbine. 1,469,925; Oct. 9.
Kasley, Alexander T., Essington, Pa., assignor to Westinghouse Electric and Manufacturing Company. Turbine blading. 1,472,070; Oct. 30.
Kasley, Alexander T., Essington, Pa., assignor to Westinghouse Electric and Manufacturing Company. Refrigerator. 1,477,127; Dec. 11.
Kasley, Alexander T., Lester, Pa., assignor to Westinghouse Electric & Manufacturing Company. Steering gear. 1,468,236; Sept. 18.
Kaspari, Mathias J., Chicago, Ill., assignor, by mesne assignments, to International Harvester Company. Controlling mechanism for balling machines. 1,452,298; Apr. 17.
Kasper, Walter F., assignor to Fairmont Gas Engine & Railway Motor Car Co., Fairmont, Minn. Sliding base for belt-driven motor cars. 1,440,392; Jan. 2.
Kassander, Leopold, assignor to Nathan Manufacturing Company, New York, N. Y. Oil cup. 1,475,703; Nov. 27.
Kassler, Adolph, assignor to American Car and Foundry Company, New York, N. Y. Door-latching means. 1,470,370; Oct. 9.
Kast, Morgan D., Pendleton, Oreg. Harvester-frame construction. 1,469,157; Sept. 25.
Kaszinski, Benedykt A., New York, N. Y. Hat and garment holder. 1,477,566; Dec. 18.
Kath, Willy, Berlin-Friedenau, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Rate-of-flow indicators for Venturi meters. 1,459,212; June 19.
Kato, Michael B., Duquesne, Pa. Rotary engine. 1,456,603; May 29.
Kato, Michael B., Duquesne, Pa. Double-heating combination boiler. 1,458,135; June 12.
Katt, Herbert G. (See Grimont, A., and Katt.)
Katz, Benjamin, Oakland, Calif. Headrest for automobile seats and the like. 1,471,168; Oct. 16.
Katz, Clara, New York, N. Y., assignor to Susquehanna Silk Mills. Textile fabric. Des. 62,008; Feb. 27.
Katz, Clara, assignor to Susquehanna Silk Mills, New York, N. Y. Textile fabric. Des. 62,453; June 5.
Katz, Clara, assignor to Susquehanna Silk Mills, New York, N. Y. Textile fabric. Des. 62,454; June 5.
Katz, Clara, assignor to Susquehanna Silk Mills, New York, N. Y. Textile fabric. Des. 62,455; June 5.
Katz, Herman. (See Akey, M. R., and Katz.)
Katz, Leon, New York, N. Y. Shoe-shining cabinet. 1,447,787; Mar. 6.
Katz, Morris I., Springfield, Mass. Bottle. Des. 62,300; May 1.
Katz, Samuel, assignor of one-half to L. J. Frank, New York, N. Y. Annunciator or indicator system. 1,466,448; Aug. 28.
Katzick, Oscar S., Bridgeport, Conn. Ice-cream cone. Des. 62,220; Apr. 17.
Katzinger, Arthur, assignor to Edward Katzinger Company, Chicago, Ill. Baking pan. 1,440,542; Jan. 2.
Katzinger, Arthur, assignor to Edward Katzinger Company, Chicago, Ill. Baking pan. 1,440,543; Jan. 2.
Katzinger, Arthur, assignor to Edward Katzinger Company, Chicago, Ill. Baking-pan set. 1,440,544; Jan. 2.
Katzinger, Arthur, assignor to Edward Katzinger Company, Chicago, Ill. Cake pan. 1,477,650; Dec. 18.
Katzinger, Arthur, assignor to The Ekco Engineering Company, Chicago, Ill. Dough-handling apparatus. 1,448,665; Mar. 13.
Katzinger, Edward, Company. (See Katzinger, Arthur, assignor.)
Katzman, Max, Los Angeles, Calif. Display case. Des. 63,369; Nov. 27.
Kaucher, Alexander W., Rochester, N. Y. Illuminated sign. Des. 62,994; Sept. 4.
Kauffman, Earl V., Cable, Ohio. Swiveled tractor plow-hitch. 1,477,061; Dec. 11.
Kauffman, Elias A., Chicago, Ill. Pliers. 1,469,306; Oct. 2.
Kauffman, Harry B., and R. J. Forman, Wilmington, Del. Switch. 1,445,958; Feb. 20.
Kauffman, Walter L., 2d, Youngstown, Ohio. Automobile brake control. 1,475,491; Nov. 27.
Kauffmann, Ferdinand E., Rahway, N. J. Hat-clipping machine. 1,452,048; Apr. 17.
Kauffmann, Ferdinand E., Rahway, N. J. Machine for finishing the edges of hat brims. 1,452,049; Apr. 17.
Kaufle, Henry A., Charleroi, Pa. Washing machine. 1,474,041; Nov. 13.
Kaufman, Adam W., Milwaukee, Wis. Friction-grip choke control. 1,454,238; May 8.
Kaufman, David V., assignor of one-half to I. Schmertzler, New York, N. Y. Ink distributor. 1,457,252; May 29.
Kaufman, Elmer E., Scranton, Pa. Thread guide for rewinding machines. 1,443,897; Jan. 30.
Kaufman, Harry G., New York, N. Y. Ring. Des. 61,913; Feb. 6.
Kaufman, Irvin H., assignor to The Blackburn-Smith Corporation, New York, N. Y. Vacuum trap. 1,442,575; Jan. 16.
Kaufman, John. (See Noe, C. S., and Kaufman.)
Kaufman, Joseph, New York, N. Y. Closure for collapsible tubes and other containers. 1,464,320; Aug. 7.
Kaufman, Matthew. (See Denny, B., and Kaufman.)
Kaufman, Saul, New York, N. Y. Window guard. 1,443,896; Jan. 30.
Kaufman, William C., Morgantown, W. Va. Automatic stop for talking machines. 1,444,688; Feb. 6.
Kaufmann, Florence A., assignor to W. A. Hill, Kansas City, Mo. Soft-collar supporter. 1,453,144; Apr. 24.
Kaufmann, Jacob, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Pile-forming wire for pile-fabric looms. 1,464,181; Aug. 7.
Kaufmann, Jacob, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Bobbin. 1,475,704; Nov. 27.
Kaufmann, Joseph, Pittsburgh, Pa. Garment pocket. 1,470,987; Oct. 16.
Kaufmann, Max, & Company Inc. (See McCreedy, J. W.)
Kaufmann, Siegfried H., London, England. Case for manicure instruments. 1,455,004; May 15.
Kaukauna Machine Works. (See Mayer, Louis, assignor.)
Kaupert, Joseph, Chicago, Ill. Lifting jack. 1,460,851; July 3.
Kaupke, Lee H., assignor to Rock Island Plow Company, Rock Island, Ill. Tractor plow. 1,441,356; Jan. 9.
Kaurich, John, Milwaukee, Wis. Accident-proof automobile fender. 1,451,833; Apr. 17.
Kauser, Elsie B., administratrix. (See Kauser, George W.)
Kauser, George W., deceased, Chicago, Ill.; E. B. Kauser, administratrix. Camera. 1,469,273; Oct. 2.
Kaustine Company. (See Geibel, John F., assignor.)
Kauth, Henry J. (See Schares, Henry J. and Kauth.)
Kautzky, Rudolph H., Des Moines, Iowa. Draft control structure for locomotive engines. 1,475,835; Nov. 27.
Kavanagh, Edward, Chicago, Ill. Cowl lamp. Des. 63,231; Nov. 6.
Kavanaugh, Charles B., Little Rock, Ark. Washing machine. 1,476,081; Dec. 4.
Kavanaugh, Charles H., et al. (See Flynn, John W., assignor.)
Kavanaugh, Edward W. and M. J., Minneapolis, Minn. Stuffing box and the like. 1,450,421; Apr. 3.
Kavanaugh, Frederick W., et al. (See Flynn, John W., assignor.)
Kavanaugh, Michael J. (See Kavanaugh, Edward W. and M. J.)
Kavanaugh, Thomas E. (See Hagey, J. C., and Kavanaugh.)
Kawai, Shozaburo, New York, N. Y. Game. 1,476,000; Dec. 4.

Alphabetical list of patentees—Continued.

Kawamura, Fred N., Lander, Wyo. Typewriter-carriage-return mechanism. 1,445,597; Feb. 13.
Kawamura, Fred N., Denver, Color. Internal-combustion engine. 1,461,662; July 10.
Kawamura, Gozo, New York, N. Y. Nail puller. 1,454,239; May 8.
Kawanishi, Sadagiro, Tokyo, Japan. Tire. 1,442,073; Jan. 16.
Kawasaki, Utakichi, San Francisco, Calif. Printing press. 1,457,034; May 29.
Kawasaki, Utakichi, San Francisco, Calif. Means for preventing drafts in doorways. 1,459,508; June 19.
Kawashima, Kiyoshi, Mitsugi-gun, Japan. Manufacture of a coating for cloths for aeroplane wings or planes and the like. 1,469,839; Oct. 9.
Kawiecki, Edmond, et al. (See Krzyzewski, Felix, assignor.)
Kawiecki, Ludwik, et al. (See Krzyzewski, Felix, assignor.)
Kawneer Manufacturing Company. (See Gorsline, Hathaway M., assignor.)
Kay, Albert E., Lowell, assignor to Draper Corporation, Hopedale, Mass. Builder mechanism for winding machines. 1,466,290; Aug. 28.
Kay, George E. O. (See Champ, G. H., and Kay.)
Kay, Joseph, Stockport, and J. Jennings, London, assignors to Premier Private Telephone Company Limited, Stockport, England. Telephone. 1,471,696; Oct. 23.
Kay, William E., Elyria, Ohio. Hydraulic valve for water heaters. 1,448,666; Mar. 13.
Kayaukluk, Philip, Unalakleet, Alaska. Animal trap. 1,464,429; Aug. 7.
Kaye, Frederick, Ashton-upon-Mersey, England. Apparatus for the production of designs in paper, millboard, vegetable leather substitute, and linoleum substitute. 1,471,169; Oct. 16.
Kaye, Frederick, Ashton-upon-Mersey, England. Apparatus for the production of designs in paper, millboard, vegetable leather substitute, and linoleum substitute. 1,471,170; Oct. 16.
Kaye, John A., Sault Ste. Marie, Ontario, Canada. Package tie. 1,476,520; Dec. 4.
Kaye, Joseph M., assignor to Eiseman, Kaye Company, Chicago, Ill. Keyless lock. 1,474,042; Nov. 13.
Kaznakoff, Alexander N. (See Hall, E. S. and Kaznakoff.)
Keall, Frank B., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Edge-setting machine. 1,472,071; Oct. 30.
Kear, George C., Rochester, N. Y. Ball valve. 1,478,125; Dec. 18.
Kearby, Earl J., assignor of forty-nine one-hundredths to M. E. Kearby, one-fourth to M. S. Finch, and one-fourth to J. A. Muchenberger, St. Joseph, Mo. Selective power transmission. 1,467,274; Sept. 4.
Kearby, Mary E., et al. (See Kearby, Earl J., assignor.)
Kearney, Dennis B., Keene, N. H. Combined detergent receptacle and brush. 1,478,392; Dec. 25.
Kearney, Edward J., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Slide-actuating mechanism. 1,450,598; Apr. 3.
Kearney, James R., Kansas City, Mo. Wire puller. 1,464,939; Aug. 14.
Kearney, James R., Kansas City, Mo. Cable clamp. 1,464,940; Aug. 14.
Kearney, James R., and H. L. Johnson, Kansas City, Mo. Wall bracket. 1,452,515; Apr. 24.
Kearney & Trecker Corporation. (See Kearney, Edward J., assignor.)
Kearns, H. W., and Company Limited. (See Kearns, Joseph R. C., assignor.)
Kearns, Joseph R. C., assignor of one-half to H. W. Kearns and Company Limited, Broadheath, near Manchester, England. Means for indicating and measuring the travel of moving parts of machine tools. 1,467,043; Sept. 4.
Keating, Frank J., Rochester, N. Y. Combination pliers. 1,452,642; Apr. 24.
Keating, Robert M., deceased, Springfield, Mass.; B. E. Brutnell, executrix, assignor, by mesne assignments, to Keating Valve Company, Incorporated, Springfield, Mass. Flushing valve. 1,443,690; Jan. 30.
Keating Valve Company. (See Keating, Robert M., assignor.)
Keaton, Robert H., San Francisco, Calif. Automobile tire. Des. 62,487; June 12.
Keavaney, William R., assignor to The Chase Companies, Inc., Waterbury, Conn. Flush wall receptacle plate. 1,455,399; May 15.
Kebler, Leonard, Bronxville, N. Y., assignor to Ward Leonard Electric Company. Rheostat. 1,453,682; May 1.
Kebler, Leonard, Bronxville, N. Y., assignor to Ward Leonard Electric Company. Rheostat. 1,472,914; Nov. 6.
Kebler, Leonard, Bronxville, N. Y., assignor to Ward Leonard Electric Company. Electric-motor controller. 1,478,713; Dec. 25.
Kec, Frank, Prague, Czechoslovakia. Protecting device for gearings. 1,466,449; Aug. 28.
Kec, Frank, Prague, Czechoslovakia. Motor plow. 1,473,630; Nov. 13.
Keck, Max, Crescent Springs, Ky. Machine for rolling metal. 1,469,726; Oct. 2.
Keck, Robert, assignor to The Double Drive Truck Company, Chicago, Ill. Axle construction. 1,460,064; June 26.
Keckler, Charles W., Newark, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,466,233; Aug. 28.
Keckler, Charles W., Newark, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,478,037; Dec. 18.
Keckler, Charles W., Newark, and W. B. Strickler, East Orange, N. J., assignors to Western Electric Company Incorporated, New York, N. Y. Signaling system. 1,459,403; June 19.
Keczur, Jozefa, West Selkirk, Manitoba, Canada. Combination chipped-glass frame and mirror. Des. 62,731; July 24.
Keczur, Jozefa, West Selkirk, Manitoba, Canada. Combination colored chipped-glass frame and mirror. Des. 62,732; July 24.
Keddy, Clifford L., Lynn, assignor to A. F. Abbott, Medford, Mass. Wave-motor pump. 1,442,478; Jan. 16.
Keddy, Clifford L., Lynn, Mass., assignor of one-half to W. A. Frye, Welchville, Me. Lobster trap. 1,450,682; Apr. 3.
Kee, Charles L., Portsmouth, Va. Aircraft-launched temporary drifting mine. 1,442,345; Jan. 16.
Kee, Charles L., Portsmouth, Va. Advertising device. 1,471,665; Oct. 23.
Keedwell, Charles A., New York, N. Y. Composition of matter for coating surfaces. 1,476,016; Dec. 4.
Keegan, Charles R. (See Stevens, Frank, assignor.)
Keegan, Francis W. (See Pokorny, Frank, jr., assignor.)
Keegan, William J., jr., Elmhurst, A. H. Callaghan, Brooklyn, and D. A. Moore, New York, N. Y. Tire carrier. 1,464,941; Aug. 14.
Keel, Harry T., Chester, Pa. Winding reel. 1,458,420; June 12.
Keeler, Alonzo R., Altona, Ill. Corn husker and the like. 1,471,898; Oct. 23.
Keeler Brass Company. (See Graf, Raymond I., assignor.)
Keeler, Earl A., Norristown, assignor to Leeds & Northrup Company, Philadelphia, Pa. Measuring apparatus. 1,472,125; Oct. 30.
Keeler, Earl A., Norristown, assignor to Leeds & Northrup Company, Philadelphia, Pa. Electrode for ion concentration effects. 1,474,151; Nov. 13.
Keeler, Earl A., Norristown, assignor to Leeds & Northrup Company, Philadelphia, Pa. Method of and apparatus for obtaining ion concentration effects. 1,474,594; Nov. 20.
Keeler, Herbert E., Chicago, Ill. Can opener. 1,461,151; July 10
Keeler, Herbert E., Chicago, Ill. Ice pick. 1,461,152; July 10.
Keeler, May A., San Francisco, Calif. Abdominal support. 1,460,421; July 3.
Keeler, Rufus B. (See Carpenter, H. H., and Keeler.)
Keely, Norris C., Wilkes-Barre, Pa. Cartridge holder. 1,464,659; Aug. 14.
Keen, George T., et al. (See Williams, Joseph G., assignor.)
Keenan, Annie R., Pittsburgh, Pa. Detachable trimming for low shoes. 1,471,035; Oct. 16.
Keenan, John F., assignor of one-half to L. B. Grasberger, Richmond, Va. Bag dispenser. 1,477,501; Dec. 11.
Keenan, Walter F., jr., assignor to Power Specialty Company, New York, N. Y. Safety joint for high-pressure gas apparatus. 1,475,705; Nov. 27.
Keene, Waite W., Quincy, assignor to Masury Young Company, Charlestown, Mass. Portable sprayer. 1,450,742; Apr. 3.
Keene, Walter E., Baltimore, Md. Brush holder. Des. 62,193; Apr. 10.
Keene, Walter E., Baltimore, Md. Brush holder. Des. 62,289; May 1.
Keene, Walter E., Baltimore, Md. Brush holder. 1,465,642; Aug. 21.
Keene, Walter E., Baltimore, Md. Receptacle for holding handles. 1,466,048; Aug. 28.
Keene, Wendell P., Brooklyn, assignor to Underwood Computing Machine Company, New York, N. Y. Combined typewriting and computing machine. 1,442,576; Jan. 16.
Keene, William L., Waterville, Me. Draft regulator. 1,469,158; Sept. 25.
Keene, William L., Waterville, Me. Draft regulator. 1,469,159; Sept. 25.
Keeney, Robert M., Denver, Colo. Electric furnace. 1,443,024; Jan. 23.
Keeney, William A., Hartford, Conn. Floor or ceiling plate. 1,475,188; Nov. 27.
Keep, William J., Detroit, Mich. Rendering metal non-oxidizable and the metal. 1,456,274; May 22.
Keeping, Thomas J., Los Angeles, Calif. Lamp-shade-delivery box. 1,453,275; May 1.
Keeports, Harry H., Detroit, Mich. Means and dies for drop-forging crank shafts and forming crank shafts. 1,460,720; July 3.

Keeran, Charles R., assignor, by mesne assignments, to Autopoint Manufacturing Company, Chicago, Ill. Pencil. 1,441,000; Jan. 2.
Keeran, Charles R., assignor, by mesne assignments, to Autopoint Manufacturing Company, Chicago, Ill. Pencil. 1,474,595; Nov. 20.
Keesee, Wesley E., Huntington Park, Calif. Combined lubricating-oil and gasoline dispensing apparatus. Des. 62,363; May 15.
Keferstein, Elisabeth, Blasewitz, near Dresden, Germany. Spring button or pressure fastener. 1,445,618; Feb. 13.
Keffer, Joseph W., Chicago, Ill. Timber clamp. 1,468,476; Sept. 18.
Keffer, Joseph W., Newark, N. J. Clamp for connecting angularly-arranged pieces of material. 1,468,478; Sept. 18.
Kegan-Grace Company. (See De Atley, Carroll, assignor.)
Kegel, Harry. (See Martin, W. A., and Kegel.)
Kegler, John J., Cedar Rapids, Iowa. Bromo-seltzer dispenser. 1,458,942; June 19.
Kegley, John L., Sioux City, Iowa. Rim band. 1,464,136; Aug. 7.
Kégresse, Adolphe, Paris, France. Track belt for motor vehicles. 1,460,656; July 3.
Kégresse, Adolphe, Paris, France. Wheel and runner or ski assembling device. 1,476,082; Dec. 4.
Kehl, George A., St. Paul, Minn. Sand toy. 1,450,375; Apr. 3.
Kehlenbeck, Fred J., Newark, N. J. Pipe cleaner. 1,448,748; Mar. 20.
Kehn, John J., Toledo, Ohio. Box. 1,468,237; Sept. 18.
Kehoe, James J., and W. C. T. Morson, Toronto, Ontario, Canada. Dishwasher. 1,446,905; Feb. 27.
Kehoe, Josephine G., Memphis, Tenn. Bottle-vending machine. 1,442,953; Jan. 23.
Kehoe, William E., San Francisco, Calif. Frame or easel for displaying cards, pictures, and like articles. Des. 63,080; Oct. 2.
Kehr, Cyrus, Washington, D. C. Press. 1,463,895; Aug. 7.
Kehr, Cyrus, Washington, D. C. Press. 1,463,896; Aug. 7.
Kehr, Cyrus, Washington, D. C. Storage building. 1,465,135; Aug. 14.
Keil, Gustav B., assignor to Upton Machine Company, St. Joseph, Mich. Air gun. 1,464,610; Aug. 14.
Keil, Gustav B., assignor to Upton Machine Company, St. Joseph, Mich. Power-transmitting gearing. 1,467,169; Sept. 4.
Keil, Morris, New Orleans, La. Separable fastener. 1,452,743; Apr. 24.
Keilholtz, Lester S., assignor, by mesne assignments, to Delco-Light Company, Dayton, Ohio. Power plant. 1,455,790; May 22.
Keilholtz, Lester S., assignor, by mesne assignments, to Delco-Light Company, Dayton, Ohio. Ignition system. 1,474,780; Nov. 20.
Keim, Lester H., Chicago, Ill., assignor to R. D. Nuttall Company. Transmission mechanism. 1,454,930; May 15.
Keinath, Georg, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Electric measuring appliance. 1,459,213; June 19.
Keiner, Stephen, Los Angeles, Calif. Gaming appliance. 1,454,173; May 8.
Keiper, Frank. (See Ischinger, Eric, assignor.)
Keiper, Frank. (See Worth, George E., assignor.)
Keiper, Jacob. (See Keiper, Stephen J., assignor.)
Keiper, John R., New York, N. Y. Ornamenting billiard cues and the like. 1,474,043; Nov. 13.
Keiper, Stephen J., New York, assignor of one-half to J. Keiper, Staten Island, N. Y. Tube squeezer. 1,470,534; Oct. 9.
Keiser, Frederick J. (See Hostetter, J. T., and Keiser.)
Keith, Alexander E., Hinsdale, assignor, by mesne assignments, to Automatic Electric Company, Chicago, Ill. Telephone trunking system. 1,451,912; Apr. 17.
Keith, Edward W. (See Gordon, W. F., and Keith.)
Keith, Frederick W., Belfast, Me., assignor to S. H. Reynolds Sons Co., Boston, Mass. Dentist's articulating paper. 1,458,062; June 5.
Keith, George, and W. A. Whatmough, London, England. Means for controlling the supply of mixture to internal-combustion engines. 1,456,604; May 29.
Keith, George, and W. A. Whatmough, London, England. Liquid-fuel vaporizer. 1,471,470; Oct. 23.
Keith, Henry M., West Frankfort, Ill. Brushing machine. 1,463,705; July 31.
Keith, Hugh, jr., et al. (See McNab, Norman S., assignor.)
Keith, Irving L. (See Brittain, George E., assignor.)
Keith, Robert, Hornbeak, Tenn. Cotton-picker's bag carrier. 1,473,105; Nov. 6.
Kelber, Edward, Harriman, Pa. Windshield cleaner. 1,451,698; Apr. 17.
Keldsen, John J., Atlantic, Iowa. Window screen and storm sash combined. 1,473,631; Nov. 13.
Kell, Charles A., Elkhart, Ind. Reamer. 1,457,174; May 29.
Kell, Frank. (See Overbaugh, C. G., and Kell.)
Kell, Matthew M., Tulia, Tex. Cutting mechanism for harvesters. 1,476,521; Dec. 4.
Kellebrew, Tom V., Hamburg, Ark. Hay press. 1,471,399; Oct. 23.
Kelleher, Rose I., San Francisco, Calif. Copy holder. 1,459,334; June 19.
Kellem, Walter H., Cecilia, Ky. Automatic train-stop and speed-control device. 1,471,611; Oct. 23.
Keller, Albert T., Baltimore, Md. Reversing valve. 1,468,502; Sept. 18.
Keller, Arnold B., et al., trustees. (See Graham, W. S., and Hipple, assignors.)
Keller, Arnold B., et al., trustees. (See Lindgren, Alexus C., assignor.)
Keller, Arthur C., assignor to Pawling & Harnischfeger Company, Milwaukee, Wis. Power-transmitting mechanism. 1,472,844; Nov. 6.
Keller, Carl G., Detroit, Mich. Automobile bed. 1,467,856; Sept. 11.
Keller, Cora E., Springfield, Mo. Suspenders for children's clothes. 1,452,643; Apr. 24.
Keller, Daniel W., Hartshorne, Okla. Drift and fish retarder. 1,455,210; May 15.
Keller, George J., Newark, N. J. Watchcase. Des. 62,733; July 24.
Keller, George J., Newark, and O. Buchholz, Elizabeth, N. J. Tube-filling apparatus. 1,446,047; Feb. 20.
Keller, Harry H., Burnet, Tex. High-frequency screen. 1,446,298; Feb. 20.
Keller, James D., Detroit, Mich. Harness saddle. 1,459,214; June 19.
Keller, Jay R., Elizabeth, Nebr. Bog pulverizer. 1,450,503; Apr. 3.
Keller, John. (See Mayer, Fritz, assignor.)
Keller, John W., and R. S. Congar, Lorimore, Iowa. Damper. 1,451,985; Apr. 17.
Keller, Joseph F. (See Cartwright, W. P., and Keller.)
Keller, Joseph F., New York, and F. J. Badge, Woodhaven, assignors to Keller Mechanical Engraving Co., Brooklyn, N. Y. Circular slide rule. 1,455,339; May 15.
Keller, Karl. (See Kahns, W. R., and Keller.)
Keller, Karl O., assignor of one-half to R. P. Doxford, Sunderland, Durham, England. Engine operated by liquid fuel and working the same. 1,464,268; Aug. 7.
Keller, Kent E., Ava, Ill. Valve for exposive engines. 1,455,055; May 15.
Keller Manufacturing Company. (See Keller, W. F., and Baumann, assignors.)
Keller, Martin W., Pine Bluff, Ark. Flush valve. 1,440,469; Jan. 2.
Keller, Mary A., Winona, Minn. Cooking stove. 1,458,981; June 19.
Keller Mechanical Engraving Co. (See Keller, J. F., and Badge, assignors.)
Keller Mechanical Engraving Company. (See Cartwright, W. P., and Keller, assignors.)
Keller, Paul E. (See Petty, L. L. and Keller.)
Keller, Raymond T., Bradford, Ohio. Tractor clutch control and brake. 1,449,414; Mar. 27.
Keller, Ridgell, et al. (See Bannon, Frank A., assignor.)
Keller, Thomas, Minneapolis, Minn. Wrench. 1,444,793; Feb. 13.
Keller, William F., Minneapolis, Minn., and F. J. Baumann, Lidgerwood, N. Dak., assignors to Keller Manufacturing Company, Minneapolis, Minn. Equalizing harrow hitch. 1,440,922; Jan. 2.
Keller, William H., Inc. (See Keller, W. H., and Schinkez, assignors.)
Keller, William H., Inc. (See Shaff, Ernest H., assignor.)
Keller, William H., and A. Schinkez, assignors to William H. Keller, Inc., Grand Haven, Mich. Pneumatic-tool construction. 1,465,765; Aug. 21.
Kellerman, Charles F., Battle Creek, Mich. Traffic signal. 1,462,365; July 17.
Kellerman, James M., Los Angeles, Calif. Draw work for standard and rotary drilling operations. 1,450,743; Apr. 3.
Kelley, Albert J., Dorchester, Mass. Railway-car truck. 1,466,590; Aug. 28.
Kelley, Alfred E., assignor to Nugrape Company of America, Atlanta, Ga. Bottle. Des. 61,830; Jan. 23.
Kelley, Benjamin F., Tulsa, Okla. Drilling tool. 1,442,669; Jan. 16.
Kelley, Charles N., Madison, Wis. Self-closing tube. 1,472,845; Nov. 6.
Kelley, Emmor H., and G. A. Stewart, jr., South Brownsville, Pa. Auto lift. 1,471,695; Oct. 23.
Kelley, George B. (See Scruby, George E., assignor.)
Kelley, George C., Taft, Calif. Apparatus for preparing oil for electric treatment. 1,465,398; Aug. 21.
Kelley, George H., Lowell, Mass. Tassel. 1,457,738; June 5.
Kelley, George L., Buffalo, N. Y. Means for connecting the parts of structures. 1,447,725; Mar. 6.
Kelley, George W., assignor of one-half to C. H. Hagerman, Spokane, Wash. Wrench. 1,464,004; Aug. 7.
Kelley, James, New York, N. Y. Toy telephone. 1,467,326; Sept. 11.
Kelley, Patrick J., Detroit, Mich. Trolley guard and finder. 1,445,089; Feb. 13.
Kelley, Thomas F., Gloucester, N. J. Plate holding and guiding apparatus. 1,450,744; Apr. 3.
Kelley, William H., assignor to P. A. Turner and A. Turner, Cincinnati, Ohio. Combination square. 1,441,931; Jan. 9.

Kelley, William V. D., Newark, assignor to Prizma, Incorporated, Jersey City, N. J. Color transparency. 1,461,356; July 10.
Kelley, William V. D., Brooklyn, N. Y., assignor to Prizma, Incorporated. Sensitive plate, film, or the like for color prints. 1,465,643; Aug. 21.
Kellie, Edward F., Indianapolis, Ind. Floor construction. 1,466,591; Aug. 28.
Kellner, Henry F., Silver Lake, Kans. Silt accumulator. 1,448,965; Mar. 20.
Kellner, Joseph. (See Rasmussen, H. C., and Kellner.)
Kellogg, Carl A. (See Caplinger, John D., assignor.)
Kellogg, Carl A., Brooklyn, N. Y. Inking mechanism for printing presses. 1,452,050; Apr. 17.
Kellogg, Carl A., Brooklyn, N. Y. Inking mechanism for printing presses. 1,452,051; Apr. 17.
Kellogg, Carl A., Brooklyn, N. Y. Printing press. 1,466,303; Aug. 28.
Kellogg, Carl A., Brooklyn, N. Y. Platen for printing machines. 1,477,128; Dec. 11.
Kellogg, Charles A., Los Angeles, Calif. Spring crank holder for automobiles. 1,475,836; Nov. 27.
Kellogg, Charles B., Chicago, Ill. Display card. 1,457,306; June 5.
Kellogg, Charles B., Chicago, Ill. Display card. 1,463,585; July 31.
Kellogg, Chester A. (See Schueler, J. L., and Kellogg.)
Kellogg, Edmund P., assignor to Albert Pick & Company, Chicago, Ill. Candy box. Des. 62,954; Aug. 28.
Kellogg, Elmo L., San Francisco, Calif. Anchoring microphone parts. 1,467,001; Sept. 4.
Kellogg, Frank M. (See Haas, Paul C., assignor.)
Kellogg, Henry E., Mountain View, Calif. Submerged bearing. 1,462,366; July 17.
Kellogg, Homer G., assignor to Motor Products Corporation, Detroit, Mich. Window frame. 1,455,340; May 15.
Kellogg, Leroy D., Deerfield, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system. 1,469,794; Oct. 9.
Kellogg, M. W., Company, The. (See Gray, Alanson M., assignor.)
Kellogg, M. W., Company, The. (See Johnson, Francis E., jr., assignor.)
Kellogg, M. W., Company, The. (See Kellogg, M. W., and Holinger, assignors.)
Kellogg Manufacturing Co. (See Miller, Charles R., assignor.)
Kellogg Manufacturing Company. (See Vincent, Jesse G., assignor.)
Kellogg, Morris W., New York, N. Y., and E. F. Holinger, Jersey City, N. J., assignors to The M. W. Kellogg Company. Apparatus for making forgings. 1,445,140; Feb. 13.
Kellogg Switchboard and Supply Company. (See Augustine, Roy W., assignor.)
Kellogg Switchboard and Supply Company. (See Bohlman, Ernest A., assignor.)
Kellogg Switchboard and Supply Company. (See Currier, Hiram D., assignor.)
Kellogg Switchboard and Supply Company. (See Ide, Harry H., assignor.)
Kellogg Switchboard and Supply Company. (See Kaisling, Frank W., jr., assignor.)
Kellogg Switchboard and Supply Company. (See Kaisling, William, assignor.)
Kellogg Switchboard and Supply Company. (See Kellogg, Leroy D., assignor.)
Kellogg Switchboard & Supply Company. (See Mueller, George E., assignor.)
Kellogg Switchboard and Supply Company. (See Sparks, Charles, assignor.)
Kellogg Switchboard and Supply Company. (See Sparks, C., and Shull, assignors.)
Kellogg Switchboard and Supply Company. (See Stazak, Michael B., assignor.)
Kellogg Switchboard and Supply Company. (See Suekoff, Samuel, assignor.)
Kellogg Switchboard and Supply Company. (See Weiss, Alfred H., assignor.)
Kellogg Switchboard and Supply Company. (See Yanochowski, George R., assignor.)
Kellogg, Sylvanus H., Los Angeles, Calif. Measuring apparatus. 1,451,512; Apr. 10.
Kelloway, Charles J., Wilmington, N. C. Railway-switch mechanism. 1,467,327; Sept. 11.
Kelloway, Charles J., Wilmington, N. C. Railway-switch-operating means. 1,470,226; Oct. 9.
Kelly, Adelbert F., Spokane, Wash. Vehicle wheel. 1,456,275; May 22.
Kelly, Adelbert F., Spokane, Wash. Vehicle wheel. 1,461,912; July 17.
Kelly, Albert A., London, England. Production of sodium decaborate from boron ores. 1,462,064; July 17.
Kelly, Albert A., London, England. Preparation of sodium decaborate or the like direct from boron ores. 1,468,366; Sept. 18.
Kelly, Albert A., assignor to Borax Consolidated Limited, London, England. Flux or solvent for use in technical process. 1,455,791; May 22.
Kelly, Andrew, assignor to Borax Consolidated Limited, London, England. Manufacture of borax and boric acid. 1,450,975; Apr. 10.
Kelly, Andrew J., assignor of one-half to J. I. Kelly, Baltimore, Md. Convertible vehicle. 1,459,371; June 19.
Kelly, Anthony L., et al. (See Williams, Frank E., assignor.)
Kelly, Arthur J. (See Nicholson, G. W., and Kelly.)
Kelly, Bernard A., East Orange, N. J. Automotive vehicle. 1,442,220; Jan. 16.
Kelly, Caroline, and T. B. Belvoir, Warden, Isle of Sheppey, England. Building block. 1,457,437; June 5.
Kelly, Eugene A., Breckenridge, Tex. Flowing device. 1,441,428; Jan. 9.
Kelly, Frank G., Montgomery, Pa. Clamp. 1,450,089. Mar. 27.
Kelly, Frank S., et al. (See Williams, Frank E., assignor.)
Kelly, Harry, assignor of one-half to J. F. Mathias, Denver, Colo. Automobile road-map holder. 1,476,256; Dec. 4.
Kelly, Henry D., Kansas City, Mo. Float-valve control for leacher buckets. 1,467,170; Sept. 4.
Kelly, Henry D., Kansas City, Mo. Float valve for coffee urns. 1,467,171; Sept. 4.
Kelly, Hugh W., Providence, R. I. Track torpedo. 1,443,366; Jan. 30.
Kelly, Irene E., Highland Park, Ill. Combination undergarment for stout women. 1,450,683; Apr. 3.
Kelly, Jack D., Elmhurst, N. Y. Waterproof carrying case. 1,463,086; July 24.
Kelly, John F., Elkins, W. Va. Floor and wall mop. 1,456,696; May 29.
Kelly, John F., Troy, N. Y., assignor to Federal Signal Company. Alternating-current induction motor. 1,441,429; Jan. 9.
Kelly, John F., Chicago, Ill., assignor, by mesne assignments to Kelly Valve Company, Muskegon, Mich. Water-level controller. 1,442,221; Jan. 16.
Kelly, John F., Chicago, Ill., assignor, by mesne assignments, to Kelly Valve Company, Muskegon, Mich. Boiler-water-level controller. 1,455,211; May 15.
Kelly, John I. (See Kelly, Andrew J., assignor.)
Kelly, John P., Pittsfield, Mass. By-pass valve for angle cocks. 1,458,765; June 12.
Kelly, John T., Butte, Mont. Water skate. 1,443,133; Jan. 23.
Kelly, Loomis L., Norfolk, Va., assignor to The Wellman-Seaver-Morgan Company, Cleveland, Ohio. Side-wall traveler. 1,448,272; Mar. 13.
Kelly, Loomis L., Norfolk, Va., assignor to The Wellman-Seaver-Morgan Company, Cleveland, Ohio. Side-wall traveler. 1,449,758; Mar. 27.
Kelly, Loomis L., Norfolk, Va., assignor to The Wellman-Seaver-Morgan Company, Cleveland, Ohio. Material conveyer. 1,449,759; Mar. 27.
Kelly Lubricator Corporation. (See Himmelsbach, William F., assignor.)
Kelly, Raymond, and G. E. Long, assignors of one-third to Gibson and Gibson, Chicago, Ill. Doll. Des. 62,400; May 22.
Kelly Reamer Company, The. (See Davie, John M., assignor.)
Kelly, Richard D., The Dalles, Oreg. Water wheel. 1,478,657; Dec. 25.
Kelly, Richard J., Syracuse, N. Y. Machine for cleaning catch basins. 1,465,641; Aug. 21.
Kelly-Springfield Tire Company. (See Blaser, George U., assignor.)
Kelly-Springfield Tire Company. (See Hulse, Edison G. assignor.)
Kelly-Springfield Tire Company. (See Lacroix, Joseph D., assignor.)
Kelly-Springfield Tire Company. (See McClenathen, Robert, assignor.)
Kelly-Springfield Tire Company. (See McClenathen, R., and Arthur, assignors.)
Kelly-Springfield Tire Company. (See Slauson, Harold W., assignor.)
Kelly-Springfield Tire Company. (See Waters, Reginald H., assignor.)
Kelly, Thomas, San Francisco, Calif. Reversible cover for cookers. 1,442,683; Jan. 16.
Kelly, Thomas C., et al. (See Hagerty, Robert J., assignor.)
Kelly, Thomas J., Los Angeles, Calif. Automatic blow-out preventer. 1,455,731; May 15.
Kelly, Timothy J. (See Pearson, W. H., and Kelly.)
Kelly Valve Company. (See Kelly, John F., assignor.)
Kelly, Walter E., Highland Park, Mich. Detachable tire carrier. 1,471,268; Oct. 16.
Kelly, William D., Riverside, Ill. Vehicle spring. 1,450,378; Apr. 3.
Kelly, William E., Cleveland, Ohio. Reamer. 1,448,273; Mar. 13.
Kelly, William E., Oakland, Calif. Transmission device. 1,449,048; Mar. 20.
Kelly, William F., Greenwood, Miss. Pneumatic jack. 1,455,841; May 22.
Kelly, William F., Greenwood, Miss. Implement for writing. 1,455,842; May 22.
Kelly, William H., Cheyenne, Wyo. Propeller for flying machines. 1,461,913; July 17.
Kelly, William J., Youngstown, Ohio. Lock-washer retainer. 1,440,684; Jan. 2.

Kelly, William J., Clinton, Iowa, assignor to The Seng Company, Chicago, Ill. Convertible furniture. 1,476,981; Dec. 11.
Kelly, William M., Jersey City, N. J. Printing press. 1,469,515; Oct. 2.
Kelly, William M., assignor to American Type Founders Company, Jersey City, N. J. Printing press. 1,452,466; Apr. 17.
Kelly, Winfield S., Oroville, Calif. Shelf, drawer, and box dividing device. 1,468,269; Sept. 18.
Kelm, Gustav R., assignor to W. M. Levett and Walker M. Levett Co., New York, N. Y. Metal mold for piston castings. 1,458,343; June 12.
Kelm, Richard E., Milwaukee, Wis. Humidifier for hot-air furnaces. 1,461,423; July 10.
Kelman, Joseph N., Los Angeles, Calif. Oil circuit breaker. 1,446,048; Feb. 20.
Kellum, Charles S., Detroit, Mich. Electric gauge. 1,466,019; Aug. 28.
Kelsall, George A., Belleville, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Permeameter furnace. 1,457,438; June 5.
Kelsey, Charles F., et al. (See Fry, Patrick H., assignor.)
Kelsey, Frank N., assignor, by mesne assignments, of one-half to P. C. Swole, New Haven, Conn. Signal valve. 1,472,366; Oct. 30.
Kelsey, George M. (See McHugh, H. E., and Kelsey.)
Kelsey Wheel Company. (See Blomquist, August E. R., assignor.)
Kelsey Wheel Company. (See Winter, John R., assignor.)
Kelsey, William A., Minneapolis, Minn. Dental tool. 1,446,906; Feb. 27.
Kelso, Ralph S. (See Moffatt, J. R., and Kelso.)
Kelso, William, assignor to The McConway & Torley Company, Pittsburgh, Pa. Pipe-clamp-supporting mechanism for railway cars. 1,447,726; Mar. 6.
Kelso, William, assignor to The McConway & Torley Company, Pittsburgh, Pa. Car coupler. 1,475,634; Nov. 27.
Kelso, William, assignor to The McConway & Torley Company, Pittsburgh, Pa. Car coupler. 1,475,635; Nov. 27.
Keltie, George R., Woonsocket, R. I., assignor to The American Wringer Company. Wringer. 1,441,587; Jan. 9.
Keltie, George R., Woonsocket, R. I., assignor, by mesne assignments to American Wringer Company, Inc. Sandpapering roll. 1,469,307; Oct. 2.
Kelvinator Corporation. (See De Luiz, Edward R., assignor.)
Kelvinator Corporation. (See Heideman, Fred J., assignor.)
Kem, Huxley D., Portland, Oreg. Stencil and making and using the same. 1,478,745; Dec. 25.
Kemet Laboratories Company. (See Cooper, Hugh S., assignor.)
Kemker, John H., et al. (See Tullis, Harley A., assignor.)
Kemler, William J., Pittsburgh, Pa. Closure device. 1,450,090; Mar. 27.
Kemmer, Jean, Ilion, N. Y. Gas burner. 1,461,663; July 10.
Kemp, Charles, New York, N. Y. Lock. 1,440,782; Jan. 2.
Kemp, Edward, assignor of one-third to G. W. Morley and one-third to C. H. Ruggles, Toronto, Ontario, Canada. Vehicle wheel. 1,444,508; Feb. 6.
Kemp, Edward, assignor of one-third to G. W. Morley and one-third to C. H. Ruggles, Toronto, Ontario, Canada. Vehicle wheel. 1,444,509; Feb. 6.
Kemp, Frances M. (See Ray, Sterling P., assignor.)
Kemp, Isaac M., and E. C. Wiederhold, Williamsport, Md. Sand-blast machine. 1,476,619; Dec. 4.
Kemp, James F., Troy, Iowa. Car step. 1,444,156; Feb. 6.
Kemp, Nelson J., Batavia, N. Y. Apparatus for mixing and breaking up earth and fertilizer. 1,464,621; Aug. 14.
Kemp, Robert, Washington, D. C., assignor to Westinghouse Electric & Manufacturing Company. Structural element and making the same. 1,469,220; Oct. 2.
Kemp, Robert, Washington, D. C., assignor to Westinghouse Electric Manufacturing Company. Composite strut. 1,477,361; Dec. 11.
Kemp, William, St. Louis, Mo. Water-gauge protector. 1,440,607; Jan. 2.
Kemp, William W., assignor of one-half to W. H. Van Horn, Baltimore, Md. Method of and apparatus for case hardening. 1,472,367; Oct. 30.
Kempe, Frank A., St. Paul, Minn. Automobile signal. 1,467,328; Sept. 11.
Kemper, James H., P. M. Hoffmann, and J. M. Teetor, Indianapolis, Ind. Hinge for change receivers. 1,473,771; Nov. 13.
Kemper-Thomas Company, The. (See Bernard, Roy J., assignor.)
Kemper-Thomas Company, The. (See Henderson, Edwin L., assignor.)
Kemper, Thomas M., Crecy, Tex. Picture frame. Des. 63,081; Oct. 2.
Kempter, Fritz, Stuttgart, Germany. Air accumulator. 1,458,209; June 12.
Kempton, Willard H., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Fan blade. 1,444,923; Feb. 13.
Kempton, Willard H., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Making tubes. 1,456,876; May 29.
Kempton, Willard H., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Mold. 1,473,857; Nov. 13.
Kendall, Allen B., Niagara Falls, assignor to The Regan Safety Devices Company, Inc., New York, N. Y. Combined reservoir and brake valve. 1,474,836; Nov. 20.
Kendall, Arthur I., assignor of one-half to P. R. Shumway, Evanston, Ill. Apparatus for obtaining fibers from fibrous material. 1,446,974; Feb. 27.
Kendall, Burton W., assignor to Western Electric Company, Incorporated, New York, N. Y. Signaling system. 1,445,141; Feb. 13.
Kendall, Burton W., assignor to Western Electric Company, Incorporated, New York, N. Y. Generator and the generation of multiple frequencies. 1,446,752; Feb. 27.
Kendall, Burton W., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical receiving or repeating apparatus and operating the same. 1,453,982; May 1.
Kendall, Burton W., assignor to Western Electric Company, Incorporated, New York, N. Y. Multiplex signaling. 1,459,709; June 19.
Kendall, Carl W., Glenside, Pa., assignor to Columbia Machine and Stopper Co. Inc., New York, N. Y. Compensating mechanism for bottle-capping machines. 1,461,550; July 10.
Kendall, Donald S. (See Novotny, E. E., and Kendall.)
Kendall, Edward P., Bowdoinham, Me. Planter. 1,448,303; Mar. 13.
Kendall, Edwin J., Beaver Cove, British Columbia, Canada. Sanitary soap box. 1,458,982; June 19.
Kendall, Ira H., Potsdam, N. Y. Milk-sediment tester. 1,445,770; Feb. 20.
Kendall, Robert C., Chicago, Ill. Cup packing for pistons. 1,453,505; May 1.
Kendall, William G., Newark, N. J. Vanity case. 1,440,876; Jan. 2.
Kendall, William G., Newark, N. J. Vanity case. 1,442,528; Jan. 16.
Kendall, William G., Newark, N. J. Partition for vanity cases. 1,442,529; Jan. 16.
Kendall, William G., Newark, N. J. Vanity case. 1,443,898; Jan. 30.
Kendall, William G., Newark, N. J. Cosmetic-stick holder. 1,447,727; Mar. 6.
Kendall, William G., Newark, N. J. Vanity case. 1,447,863; Mar. 6.
Kendall, William G., Newark, N. J. Rouge pad and receptacle therefor. 1,449,415; Mar. 27.
Kendall, William G., Newark, N. J. Partition for vanity cases. 1,453,626; May 1.
Kendall, William G., Newark, N. J. Vanity case. 1,456,450; May 22.
Kendall, William G., Newark, N. J. Vanity case. 1,458,886; June 12.
Kendall, William G., Newark, N. J. Vanity case. 1,458,887; June 12.
Kendall, William G., Newark, N. J., assignor to Scovill Manufacturing Company, Waterbury, Conn. Vanity case. 1,451,617; Apr. 10.
Kendall, William G., Newark, N. J., assignor to H. Rigaud, New York, N. Y. Vanity case. 1,456,636; May 29.
Kendall, William G., Newark, N. J., assignor to H. Rigaud, doing business as Parfumerie Rigaud, New York, N. Y. Vanity case. 1,460,967; July 3.
Kendechy, Andrew, Cleveland, Ohio. Lock. 1,457,253; May 29.
Kendrick, Dyer T., Worcester, Mass., assignor to Livermore & Knight Company, Providence, R. I. Card-stringing machine. 1,475,395; Nov. 27.
Kendrick, Harry. (See Buckley, M. C., and Kendrick.)
Kendrick, James R., Essex, Ontario, Canada. Tractor control. 1,468,114; Sept. 18.
Kendzierski, Joseph, Minneapolis, Minn. Waste trap. 1,472,476; Oct. 30.
Kengel, George J. (See Smith, J. H., and Kengel.)
Kenlay, John S., Danville, Ill. Bumper. 1,444,689; Feb. 6.
Kennard, Frank J., Beggs, Okla. Weather stripping for doors. 1,446,507; Feb. 27.
Kennedy, Albert H., Rockport, Ind. Mathematical apparatus. 1,469,954; Oct. 9.
Kennedy, Bert, and L. Saiger, Gloversville, N. Y. Fly shooter. 1,457,674; June 5.
Kennedy Car Liner & Bag Co., The. (See Kennedy, Frederick W., assignor.)
Kennedy, Carlton L., Braintree, assignor to The Holtzer-Cabot Electric Company, Roxbury, Mass. Bearing. 1,467,673; Sept. 11.
Kennedy, Charles E., Anthony, Kans. Fastening device. 1,441,588; Jan. 9.
Kennedy, Charles O. (See Eklundh, J. G. G., and Kennedy.)
Kennedy, David S., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Typographical machine. 1,459,978; June 26.
Kennedy, Donald S., New York, N. Y. Tire. 1,467,172; Sept. 4.

Alphabetical list of patentees—Continued.

Kennedy, Elizabeth J., Philadelphia, Pa. Household implement. 1,466,838; Sept. 4.
Kennedy, Ernest N., London, England. Device for use with safety-razor blades. 1,454,443; May 8.
Kennedy, Frederick W., Shelbyville, Ind., assignor to The Kennedy Car Liner & Bag Co. Garment bag. 1,452,644; Apr. 24.
Kennedy, George, Covington, La. Support for invalids. 1,452,915; Apr. 24.
Kennedy, George C., Waterloo, Iowa. Shoe ornament. 1,463,531; July 31.
Kennedy, George C., Waterloo, Iowa. Combination container. 1,469,938; Oct. 9.
Kennedy, Homer R., assignor to J. J. Mathe, Los Angeles, Calif. Sheet-metal-rolling machine for fenders and the like. 1,461,853; July 17.
Kennedy, Howard A., Latonia, Ky. Combined ratchet wrench and tool holder. 1,453,145; Apr. 24.
Kennedy, James E., Washington, D. C. Gas burner. 1,457,371; June 5.
Kennedy, James E., Washington, D. C. Waterheating grid. 1,457,372; June 5.
Kennedy, James W., Canton, Ohio. Signaling apparatus. 1,458,301; June 12.
Kennedy, John E., Dayton, Ohio. Traffic signal. 1,440,393; Jan. 2.
Kennedy, John E., Dayton, Ohio. Traffic signal. 1,467,173; Sept. 4.
Kennedy, John F. (See Bridwell, S. F., and Kennedy.)
Kennedy, Joseph E., New York, N. Y. Apparatus for dehydrating fruit, vegetables, and other materials. 1,443,367; Jan. 30.
Kennedy, Joseph E., New York, N. Y. Mixing machine. 1,456,877; May 29.
Kennedy, Joseph E., New York, N. Y. Crushing apparatus. 1,459,305; June 19.
Kennedy, Joseph E., and C. L. Carman, New York, N. Y.; said Carman assignor to said Kennedy. Crusher. 1,446,753; Feb. 27.
Kennedy, Julian, Pittsburgh, Pa. Blast furnace. 1,460,065; June 26.
Kennedy, Lewis W., Hot Sulphur Springs, Colo. Nonskid-chain fastener. 1,466,905; Sept. 4.
Kennedy, Palmer, Tacoma, Wash. Cutting device. 1,467,434; Sept. 11.
Kennedy, Palmer, Tacoma, Wash. Cutting device. 1,477,062; Dec. 11.
Kennedy, Robert M., Pittsburgh, Pa. Liquid-fuel burner. 1,471,666; Oct. 23.
Kennedy, Walter, Pittsburgh, Pa. Clutch mechanism. 1,464,077; Aug. 7.
Kennedy, Willard E. (See Johns, St. Paul, assignor.)
Kennedy, William A. (See Graff, G., and Kennedy.)
Kennedy, William H. (See Easterday, Harry E., assignor.)
Kenner, Duncan, New Orleans, La. Wire-binding device. 1,474,265; Nov. 13.
Kenneth, David, assignor of one-fourth to A. R. Rankin and one-fourth to C. E. McCoy, Colorado Springs, Colo. Adjustable lamp holder. 1,444,249; Feb. 6.
Kenneweg, Albert H., Brooklyn, N. Y., assignor, by mesne assignments, to Kam-Kap Appliance Co. Inc. Multiple operating mechanism for ships' ports and the like. 1,467,642; Sept. 11.
Kenney, Carl L., Dormont, and S. M. Casterline, Crafton, Pa.; said Kenney assignor to said Casterline. Metal crosstie. 1,457,704; June 5.
Kenney, Daniel B., Huntington, W. Va. Hose-retrieving device. 1,449,946; Mar. 27.
Kenney, Frank A., Denver, Colo. Artificial arm. 1,472,177; Oct. 30.
Kenney, Frank B., and J. W. Sidebottom, assignors to T. C. Entwistle Company, Lowell, Mass. Pneumatic lint clearer for warping machines. 1,447,418; Mar. 6.
Kent, Arthur A., Ardmore, Pa. Rheostat. 1,445,324; Feb. 13.
Kent, Arthur A., Ardmore, Pa. Engine-starting apparatus. 1,464,714; Aug. 14.
Kent, Arthur A., Ardmore, Pa. Induction coil. 1,474,152; Nov. 13.
Kent, Arthur A., Ardmore, Pa. Induction coil. 1,474,597; Nov. 20.
Kent, Arthur A., Ardmore, Pa. Ignition apparatus. 1,474,970; Nov. 20.
Kent, Arthur A., Ardmore, Pa. Ignition apparatus. 1,476,522; Dec. 4.
Kent County Oil Corporation. (See Clement, Louis du P., assignor.)
Kent, Edward, London, England. Apparatus for playing parlor games. 1,468,531; Sept. 18.
Kent, Frank E., Bay City, Mich. Bearing. 1,448,122; Mar. 13.
Kent, Frank W., Streatham Hill, London, England. Photographic transfer process. 1,466,532; Aug. 28.
Kent, Frank W., Streatham Hill, London, England. Photographic transfer paper and making same. 1,474,596; Nov. 20.
Kent, George E., Woodland, Me., assignor to Murphy Iron Works, Detroit, Mich. Roust-box cover. 1,449,416; Mar. 27.
Kent, George H. L. (See Howard, F. A., Kent, and Jennings.)
Kent, George H. L., Elizabeth, N. J., assignor, by mesne assignments, to Standard Development Company, New York, N. Y. Foam for fire prevention. 1,441,728; Jan. 9.
Kent, George M., Manchester, N. H. Vehicle signal. Des. 61,954; Feb. 13.
Kent, George M., Manchester, N. H. Vehicle signal. Des. 61,955; Feb. 13.
Kent, George S. (See Dutro, C. O., and Kent.)
Kent, James W., Brooklyn, N. Y. Paint-making machinery. 1,468,864; Sept. 25.
Kent, Leslie H., Stanmore, and S. Augustine de Normanville, London, England. Windshield. 1,463,704; July 31.
Kent Machine Company, The. (See Janson, August W., assignor.)
Kent-Norris, Henry, assignor to Plenty & Son Limited, Newbury, England. Governing mechanism for internal-combustion engines. 1,472,869; Nov. 6.
Kent, Orion E., Reed City, Mich. Mandrel. 1,451,699; Apr. 17.
Kent, Orion E., Grand Rapids, Mich. Mandrel. 1,468,270; Sept. 18.
Kent, Reginald W. (See Dutro, C. O., and Kent.)
Kent, Robert D. (See Cameron, Hugh, assignor.)
Kent, Robert Sayre, Inc. (See Peiter, Frederick, assignor.)
Kent, Thomas F., New York, N. Y. Burner. 1,451,546; Apr. 10.
Kent, Thomas F., New York, N. Y. Burner. 1,469,479; Oct. 2.
Kent, William E., Los Angeles, Calif. Auxiliary air-inlet valve for carburetors. 1,475,837; Nov. 27.
Kent, William J., Brooklyn, N. Y., assignor to The Mechanical Rubber Company. Method and apparatus for forming sheet tiling. 1,441,197; Jan. 2.
Kent, William J., Brooklyn, N. Y., assignor to The Mechanical Rubber Company. Making tires for carpet sweepers. 1,445,626; Feb. 20.
Kent, William J., Brooklyn, N. Y., assignor to The Mechanical Rubber Company. Method and machine for forming sheet tiling. 1,459,771; June 26.
Kentrup, Clemens to, Exeland, Wis. Vehicle lock. 1,471,962; Oct. 23.
Kentucky Derby Company. (See Foans, Andrew B., assignor.)
Kenworthy, Alvin C., Walla Walla, Wash. Internal-combustion engine. 1,441,811; Jan. 9.
Kenworthy, James A., Los Angeles, Calif. Gas burner. 1,468,302; Sept. 18.
Kenyon, C., Company. (See Mitchell, Harold D., assignor.)
Kenyon, C., Company, Inc. (See Matthews, Arthur A., assignor.)
Kenyon, C., Company, Inc. (See Phelps, Harry E., assignor.)
Kenyon, Edward L., Ardmore, Okla. Liquid-level indicator. 1,464,476; Aug. 7.
Kenyon, John J., Detroit, Mich. Washing machine. 1,454,174; May 8.
Keogan, Richard C., South Bend, Ind. Reenforced-concrete beam. 1,465,307; Aug. 21.
Kepler, Irwin F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Antiskid device for tires. 1,454,054; May 8.
Kepler, Irwin F., and A. A. Robb, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Tire structure for tractors. 1,452,345; Apr. 17.
Kepler, Winfred R., assignor to The Firestone Tire and Rubber Company, Akron, Ohio. Tire-repairing tool. 1,470,575; Oct. 9.
Keplinger, George B., assignor to Cruver Manufacturing Company, Chicago, Ill. Pocket savings bank. 1,445,771; Feb. 20.
Kepner, Clark L. (See Daylor, Philip B., assignor.)
Keppler, A. C. (See Bush, Burnett, assignor.)
Keppler, Arthur C., South Bend, Ind. Signal-arm-actuating device. 1,470,013; Oct. 9.
Kercher, Arthur J. (See Hicks, W. W., and Kercher.)
Kerestes, George A., assignor to Novelty Amusement Co., Pittsburgh, Pa. Target apparatus. 1,475,493; Nov. 27.
Kerlin, John W., New Brunswick, N. J. Tank. 1,453,983; May 1.
Kerlin, William L., New York, N. Y. Reversing gear. 1,443,790; Jan. 30.
Kermer, Martin J., Evanston, Ill. Evaporator. 1,473,373; Nov. 6.
Kermode, James E., Vallejo, Calif. Combination running board, table, and container. 1,456,780; May 29.
Kern, Andrew G. (See Roeling, H. W., Kern, Bauer, and Catalano.)
Kern, Isidor. (See Newman, I., and Kern.)
Kern, Jacob S., Fleetwood, Pa. Tire carrier. 1,449,329; Mar. 20.
Kern, Mamie. (See Newman, I., and Kern.)
Kern, Maximilian H., Ridgewood, N. Y. Clock. 1,465,045; Aug. 14.
Kern, Maximilian H., Ridgewood, N. Y., assignor to Roberts Numbering Machine Company. Wheel-printing machine. 1,459,215; June 19.
Kern, Philip E., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Protection of iron and steel. 1,467,174; Sept. 4.

Kern, Richard, and G. Jenny, assignors to Swiss Ferment Company, Ltd., Basel, Switzerland. Preparation of active animal amylase and making same. 1,444,250; Feb. 6.
Kern, William H., Jersey City, N. J. Single-tube pneumatic tire. 1,461,485; July 10.
Kernan, Thomas, St. Cloud, Minn. Apparatus for treating the soil. 1,444,794; Feb. 13.
Kernes, James. (See Karish, I., and Kernes.)
Kerngood, Allen H., assignor to Alma Manufacturing Company of Baltimore City, Baltimore, Md. Lever belt buckle. 1,473,581; Nov. 6.
Kerns, Elmer E., Bradford, Pa. Automatic shut-off valve. 1,464,767; Aug. 14.
Kerns, Orlando C., Akron, Ohio. Vise. 1,457,307; June 5.
Kerr, Benjamin, Sarnia, Ontario, Canada. Shock absorber. 1,447,088; Feb. 27.
Kerr, Charles J., Seattle, Wash. Automobile refrigerator. 1,466,906; Sept. 4.
Kerr, Duncan M. (See Breyer, F. G., Hubbell, and Kerr.)
Kerr, Herbert D., Riccarton, Christchurch, New Zealand. Process and apparatus for feeding sulphur to burners. 1,476,523; Dec. 4.
Kerr, John M., Louisville, Ky., assignor of one-half to J. Wernert. Mail-bag catching and delivery apparatus. 1,469,091; Sept. 25.
Kerr, Mark B., Rosebank, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y. Telegraph system. 1,466,234; Aug. 28.
Kerr, Robert P. (See Cox, K., Kerr, and Baty.)
Kerr, Samuel, Caruthers, Calif. Kick-off for hand trucks. 1,462,233; July 17.
Kerr, Thomas H., Columbus, Ohio, assignor to Pittsburgh Meter Company, East Pittsburgh, Pa. Meter support. 1,447,212; Mar. 6.
Kerrick Steam Motors Company. (See Kerrick, Walter B., assignor.)
Kerrick, Walter B., Los Angeles, Calif. Wheel. Re. 15,736; Dec. 25.
Kerrick, Walter B., assignor to Kerrick Steam Motors Company, Los Angeles, Calif. Oil burner. 1,451,460; Apr. 10.
Kerrigan, Edward L., Arlington, Mass., assignor to The Electron Corporation, Boston, Mass. Washing machine. 1,464,611; Aug. 14.
Kerrigan, Francis C., Swissvale, Pa. Brake for toy coasters. 1,448,123; Mar. 13.
Kerrihard Company, The. (See Kerrihard, George M., assignor.)
Kerrihard, George M., assignor to The Kerrihard Company, Red Oak, Iowa. Oil burner. 1,449,007; Mar. 20.
Kershaw Corporation. (See Kershaw, H., and McCrum, assignors.)
Kershaw, Edwin T., Denver, Colo. Internal-combustion engine. 1,469,319; Oct. 2.
Kershaw, Grindrod. (See Holt, F. A., and Kershaw.)
Kershaw, Henry, Kearney, and W. I. McCrum, Nutley, assignors to Kershaw Corporation, Newark, N. J. Liquid-delivering system. 1,448,804; Mar. 20.
Kershaw, Joseph. (See Johnson, E. E., and Kershaw.)
Kershaw, Joseph, Joplin, Mo. Wheel attachment. 1,472,655; Oct. 30.
Kershaw, William E., and C. D. Galloway, Philadelphia, Pa. Secondary or storage battery. 1,475,434; Nov. 27.
Kershenstein, John, Johnstown, Pa. Railway frog. 1,457,632; June 5.
Kershner, Benjamin V., Kansas City, Mo., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine for stitching waistbands. 1,453,506; May 1.
Kershner, Benjamin V., Kansas City, Mo., assignor to Union Special Machine Company, Chicago, Ill. Waistband for trousers. 1,478,521; Dec. 25.
Kershner, George, Hutchinson, Kans. Hydraulic salt press. 1,461,093; July 10.
Kerstein, Ernest A., Albany, N. Y. Meter construction. 1,460,327; June 26.
Kersten, Samuel, Chicago, Ill. Combination faucet and mixing nozzle. 1,462,413; July 17.
Kersting, John H. and V. J., New York, N. Y. Ferrule. 1,468,716; Sept. 25.
Kersting, Vincent J. (See Kersting, John H. and V. J.)
Kert-O-Shield Mfg. Association. (See Maulding, John H., assignor.)
Kerwin, John, assignor of one-half to P. Kerwin, Detroit, Mich. Railway tie. 1,442,617; Jan. 16.
Kerwin, Patrick. (See McCloud, E. L., and Kerwin.)
Kerwin, Phillip. (See Kerwin, John, assignor.)
Kerwin, Thomas J., Chicago, Ill., assignor to Edmunds & Jones Corporation. Instrument-board lamp. 1,443,182; Jan. 23.
Kerwin, Thomas J., Chicago, Ill., assignor to Edmunds & Jones Corporation. Adapter. 1,476,982; Dec. 11.
Kesling, Elmer G., Bloomfield, Mo. Shifting means for transmission gearing for automobiles. 1,458,421; June 12.
Kesot, Fred, Marion, Ind. Lamp chimney or similar article. Des. 62,821; Aug. 7.
Kessel, Fritz, New York, N. Y. Fishhook. 1,457,373; June 5.
Kessel, William J., Freeport, N. Y. Garden tool. 1,469,160; Sept. 25.
Kesses, Charles, New York, N. Y. Type-printing machine. 1,449,680; Mar. 27.
Kessler, Albert, Mittweida, Germany, assignor to The Chore-Utensils Corporation of America, West Orange, N. J. Scouring implement. 1,449,184; Mar. 20.
Kessler, Christian H. (See Densmore, F. R., and Kessler.)
Kessler, Harry C., Warrington, assignor to Breuker & Kessler Company, Philadelphia, Pa. Paper box. 1,455,792; May 22.
Kessler, Jacob C. (See Schipplock, C. J., and Kessler.)
Kessler, Johannes M., West Orange, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose-ester composition. 1,456,782; May 29.
Kessler, Johannes M., West Orange, and V. B. Sease, Newark, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Recovering cellulose acetate from solutions thereof. 1,456,781; May 29.
Kessler, Johannes M., West Orange, and V. B. Sease, Newark, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Making cellulose acetate. 1,466,401; Aug. 28.
Kessler, John E., Norristown, Pa. Valve grinder. 1,446,975; Feb. 27.
Kessler, Louis, Chicago, Ill. Filler tube. 1,457,976; June 5.
Kessler, Martin C., Detroit, Mich., assignor to The Kessler Motor Company, Denver, Colo. Gas engine. 1,477,362; Dec. 11.
Kessler, Martin C., Detroit, Mich., assignor to Kessler Motor Company, Denver, Colo. Explosive engine. 1,477,363; Dec. 11.
Kessler, Max, Mannheim, Germany. Filter. 1,446,187; Feb. 20.
Kessler Motor Company, The. (See Kessler, Martin C., assignor.)
Kessler, Oscar, Green Island, N. Y. Burglar alarm. 1,446,565; Feb. 27.
Kesten, Paul, Huckelshofen, near Aachen, and H. Osborne, Berlin-Wilmersdorf, Germany, assignors, by mesne assignments, to Otis Elevator Company, New York, N. Y. Automatic brake for elevators. Re15,733; Dec. 18.
Kestner, Frederick J., Cleveland, Ohio. Scaffold bracket. 1,457,066; May 29.
Kestner, Paul, Boulogne-sur-Seine, France. Treating water. 1,475,396; Nov. 27.
Kestner, Paul, Boulogne-sur-Seine, assignor to Etablissements de Ventilation Kestner & Neu, Centeleu-Lille, Nord, France. Vacuum apparatus for stripping cards. 1,459,832; June 26.
Keszthelyi, Alexander S., Los Angeles, Calif. Tool joint. 1,474,905; Nov. 20.
Ketchum, George E., Marceline, Mo. Grader. 1,460,022; June 26.
Ketchum, W. Le Roy, Bridgeport, Conn. Swivel. 1,463,706; July 31.
Keterson, Joseph E., assignor of one-half to C. R. and J. R. Shriver, Clio, Iowa. Chicken feeder. 1,467,329; Sept. 11.
Kett, William G., Oakland, assignor of one-half to L. H. Hirsch, San Francisco, Calif. Brush. 1,476,083; Dec. 4.
Ketterer, Charles A. (See Wenke, C. W., and Ketterer.)
Ketterer, Charles A., East St. Louis, Ill. Refrigerator. 1,462,968; July 24.
Ketterer, Charles A., East St. Louis, Ill. Container. 1,474,326; Nov. 13.
Kettering, Charles F., assignor, by mesne assignments, to Delco-Light Company, Dayton, Ohio. Hydrometer circuit closer. 1,441,430; Jan. 9.
Kettering, Charles F., assignor, by mesne assignments, to Delco-Light Company, Dayton, Ohio. Electrical system. 1,448,749; Mar. 20.
Kettering, Charles F., assignor to Delco-Light Company, Dayton, Ohio. Magneto ignition system. 1,463,958; Aug. 7.
Kettering, Charles F., assignor to General Motors Research Corporation, Dayton, Ohio. Joining metals. 1,453,358; May 1.
Kettering, Charles F., assignor to General Motors Research Corporation, Dayton, Ohio. Binding element. 1,456,851; May 29.
Kettering, Charles F., assignor to General Motors Research Corporation, Dayton, Ohio. Steering-post lock. 1,464,908; Aug. 14.
Kettering, Charles F., Dayton, Ohio, assignor to The Dayton Engineering Laboratories Company. Electric speedometer. 1,454,644; May 8.
Kettering, Charles F., and W. A. Chryst, Dayton, Ohio, assignors to The Dayton Engineering Laboratories Company. Ignition apparatus. 1,465,644; Aug. 21.
Kettle, Arthur W., and A. A. Thayer, assignors to Auto Spring Control Company, Inc., Jamestown, N. Y. Shock absorber. 1,472,870; Nov. 6.
Kettler, Henry, Detroit, Mich. Recentering device. 1,477,364; Dec. 11.
Kettler, Martin F., Pittsburgh, Pa. Cushioned wheel. 1,447,864; Mar. 6.
Kettlitz, Edward W., New York, and G. Kuhn, St. Albans, N. Y. Automobile bumper. 1,452,427; Apr. 17.
Kevlin, Mathew F., Springfield, Vt. Elevator-hatchway gate. 1,476,449; Dec. 4.

Kevograph Corporation. (See Altschuler, J., and Isnow, assignors.)
Kevorkian, Zareh H., Fairfield, Ala. By-product coke oven. 1,476,524; Dec. 4.
Kewanee Implement Company. (See Glidden, Raymond B., assignor.)
Kewaskum Aluminum Company. (See Manthei, Arthur, assignor.)
Kewish, John T., assignor of one-fourth to J. C. Garand, New York, N. Y. Machine gun. 1,472,126; Oct. 30.
Key Boiler Equipment Company. (See Key, Frederick E., assignor.)
Key, Frederick E., St. Louis, Mo. Boiler plug. 1,456,314; May 22.
Key, Frederick E., assignor to Key Boiler Equipment Company, St. Louis, Mo. Boiler plug. 1,456,315; May 22.
Key, James F., Sierra Madre, Calif., assignor to First Trust and Savings Bank of Pasadena, as trustee. Device for inflating tires. 1,444,188; Feb. 6.
Key, James F., Sierra Madre, Calif., assignor to First Trust and Savings Bank of Pasadena, as trustee. Valve stem. 1,444,189; Feb. 6.
Keyes, Edwin C., Elyria, Ohio. Legging. 1,455,400; May 15.
Keyes, Eugene L., Chicago, Ill., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-seat lasting and nailing machine. 1,461,153; July 10.
Keyes, Frederic. G., assignor to Cooper Hewitt Electric Company, Hoboken, N. J. Starter for electrical translating devices. 1,461,038; July 10.
Keyes, Henry E., Philadelphia, Pa. Hammer. 1,463,167; July 31.
Keys, Alexander H., San Francisco, Calif. Shoe tree. 1,449,286; Mar. 20.
Keys, Alexander H., San Francisco, Calif. Shoe-expanding appliance. 1,449,287; Mar. 20.
Keyser, Johann J., and J. J. Müller, Pratteln, near Basel, Switzerland. Spinning and twisting spindle. 1,460,328; June 26.
Keystone Driller Company. (See Wagner, G. E., and Downie, assignors.)
Keystone Foundry Company. (See Miller, J. H., and Pohl, assignors.)
Keystone Grinder and Manufacturing Company. (See Cooney, Lawrence J., assignor.)
Keystone Mfg. Co. (See Swartz, Edward M., assignor.)
Keystone Steel & Wire Company. (See Sommer, Henry G., assignor.)
Keystone Steel & Wire Company. (See Sommer, John, assignor.)
Keystone Steel & Wire Company. (See Sommer, William H., assignor.)
Keystone Watch Case Company. (See Freund, Joseph A., assignor.)
Keystone Watch Case Company, The. (See Ritschard, Victor, assignor.)
Keyworth, George A., et al., trustees. (See Lloyd, Marshall B., assignor.)
Khan, Misree, Cincinnati, Ohio. Combined door and step structure. 1,456,132; May 22.
Klander, Lawrence A., New York, N. Y. Dental surgery. 1,474,370; Nov. 20.
Kibbe Brothers Company. (See Cleeland, Robert J., assignor).
Kibbe, Milo W., Los Angeles, Calif. Valve-spring compressor and placer. 1,466,796; Sept. 4.
Kibbee, George G. (See Clauson, F. C., and Kibbee.)
Kibe, Harry C. (See Riney, Charles A., assignor.)
Kidd, Cameron A., Ansted, W. Va. Chimney. 1,457,739; June 5.
Kidd, James A., assignor of one-third to S. F. Mason, Petersburg, Va. Rotary valve attachment. 1,467,674; Sept. 11.
Kidd, William C., Suffern, N. Y., assignor to Standard Equipment Company, Mahwah, N. J. Switch stand. 1,443,955; Feb. 6.
Kidder, Imogene, and L. Melton, Portland, Oreg. Art lamp. Des. 62,909; Aug. 21.
Kidney, Josiah R., assignor to The N. N. Hill Brass Co., East Hampton, Conn. Telephone toy. 1,454,287; May 8.
Kidney, Josiah R., assignor to The N. N. Hill Brass Co., East Hampton, Conn. Bicycle bell. 1,457,705; June 5.
Kidney, Willis E., assignor to The Cleveland Electric Machine & Mfg. Co., Cleveland, Ohio. Power-driven grinder. 1,463,324; July 31.
Kidwell Boiler Company. (See Jackson, John F., assignor.)
Kidwell Boiler Company. (See Kidwell, Edgar, assignor.)
Kidwell, Cleo H. (See Bacon, R. F., Kidwell, and Bascom.)
Kidwell, Cleo H., New Brighton, N. Y., assignor to J. M. van Heusen, Boston, Mass. Eyeglass and making the same. 1,473,151; Nov. 6.
Kidwell, Edgar, Milwaukee, Wis. Steam boiler. 1,442,433; Jan. 16.
Kidwell, Edgar, assignor to Kidwell Boiler Company, Milwaukee, Wis. Boiler construction. 1,457,281; May 29.
Kidwell, Edgar, assignor to Kidwell Boiler Company, Milwaukee, Wis. Baffle for water-tube boilers. 1,457,282; May 29.
Kiefer, Edwin F., Cleveland, Ohio, assignor to National Carbon Company, Inc. Electric furnace. 1,467,044; Sept. 4.
Kiefer, Karl, Cincinnati, Ohio. Closing machine. 1,444,879; Feb. 13.
Kiefer, Karl, Cincinnati, Ohio. Dispensing device. 1,477,365; Dec. 11.
Kiefer, Martin, Elmhurst, Ill. Belt fastener. 1,476,084; Dec. 4.
Kiefer, William G., Brookline, Mass. Mold construction. 1,444,380; Feb. 6.
Kieffer, Eugene T., and W. B. Stevenson, Philadelphia, Pa., assignors to Victor Talking Machine Company. Cabinet for talking machines. Des. 62,910; Aug. 21.
Kieffer, Eugene T., and W. B. Stevenson, Philadelphia, Pa., assignors to Victor Talking Machine Company. Cabinet for talking machines. Des. 62,911; Aug. 21.
Kieffer, Valley M., Buffalo, N. Y. Doll. Des. 63,467; Dec. 11.
Kiel, John R., Youngstown, Ohio. Door holder. 1,443,265; Jan. 23.
Kielberg, Henry. (See Holloway, W. W., and Kielberg.)
Kielberg, Henry, Martins Ferry, Ohio, assignor to Whitaker-Glessner Company, Wheeling, W. Va. Grid for gas and oil stoves. 1,442,074; Jan. 16.
Kielsmeier, Otto A., Manitowoc, Wis. Cheese-making apparatus. 1,475,398; Nov. 27.
Kiely, Michael J. (See Devendor, J. A., and Kiely.)
Kienle, David, Jersey City, N. J. Window seat. 1,468,717; Sept. 25.
Kiesel, William F., jr., Altoona, Pa. Freight truck. 1,442,277; Jan. 16.
Kiesel, William F., jr., Altoona, Pa. Power reverse gear for steam engines. 1,449,947; Mar. 27.
Kiesel, William F., jr., Altoona, Pa. Valve for power reverse gears. 1,461,854; July 17.
Kiesel, William F., jr., Altoona, Pa. Drifting valve. 1,473,106; Nov. 6.
Kiesewetter, Herman F., et al. (See Drews, Hugo E., assignor.)
Kiesling, Fred W. (See Gilman, A. S., Bennett, and Kiesling.)
Kiessig, Edwin O., St. Louis, Mo., assignor to E. L. Logee Company, Providence, R. I. Emblem, pin, or button. Des. 63,559; Dec. 18.
Kiessling, Fred W. (See Remington, A. L., and Kiessling.)
Kiessling, Max F., assignor to American Fastener Company, Waterbury, Conn. Snap fastener. 1,470,267; Oct. 9.
Kiesswetter, Robert, Konigsberg, Germany. Cultivator. 1,448,449; Mar. 13.
Kiewicz, John, assignor to The Reece Button Hole Machine Company, Boston, Mass. Sewing machine. 1,461,619; July 10.
Kiewicz, John, assignor to The Reece Button Hole Machine Company, Boston, Mass. Sewing machine. 1,463,325; July 31.
Kiewicz, John, assignor to The Reece Button Hole Machine Company, Boston, Mass. Stop motion. 1,466,402; Aug 28.
Kiewicz, John, assignor to The Reece Button Hole Machine Company, Boston, Mass. Take-up for sewing machines. 1,467,897; Sept. 11.
Kiewicz, John, assignor to The Reece Button Hole Machine Company, Boston, Mass. Sewing machine. 1,467,898; Sept. 11.
Kigas, John, assignor to A. Wasleff, Chicago, Ill. Floor and surfacing machine. 1,448,966; Mar. 20.
Kiggins, Charles A., Weskan, Kans. Spring wheel. 1,453,247; Apr. 24.
Kight, Rochell E (See Thomas, S. G., and Kight.)
Kihm, Frank, assignor to A. M. Hoffheimer, Cincinnati, Ohio. Lock. 1,447,865; Mar. 6.
Kilborn, Karl B., and W. S. Wolfe, assignors to The Goodyear Tire & Rubber Company, Akron, Ohio. Manufacturing pneumatic tires and the like. 1,462,452; July 17.
Kilborn, Karl B., and W. E. Shively, assignors to The Goodyear Tire & Rubber Company, Akron, Ohio. System of control for vulcanizers. 1,477,879; Dec. 18.
Kilburn, George E. (See Northrop, J., Kilburn, Pessotti, and Tucker.)
Kilby Manufacturing Company, The. (See Terhune, Howard, assignor.)
Kildow, Pickett G., Iowa Park, Tex. Sucker-rod-elevating device. 1,451,700; Apr. 17.
Kiley, Thomas, Des Moines, Iowa. Wall-protecting stop. 1,440,783; Jan. 2.
Kilfoyle, Fred M., Storrs, Utah. Headlight deflector. 1,445,399; Feb. 13.
Kilgour, Charles E., assignor to P. Crosley, jr., Cincinnati, Ohio. Toy car. 1,448,124; Mar. 13.
Kilgour, David, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Balancing machine. 1,453,844; May 1.
Kilgour, Walter M. S., Lexington, Mass. Lubricating system and apparatus. 1,460,383; July 3.
Kilian, Fritz, Berlin-Lichtenberg, Germany, assignor, by mesne assignments, to The Chemical Foundation, Inc. Rotating or revolving press. 1,442,346; Jan. 16.

Kill, Vincent P., Lawton, and O. J. Gaster, Anadarko, Okla. Working valve. 1,472,528; Oct. 30.
Killam, Walter S., Detroit, Mich. Priming device. 1,457,308; June 5.
Killebrew, Edward, St. Louis, Mo. Tie. 1,443,025; Jan. 23.
Killefer Manufacturing Company. (See Watters, Daniel M., assignor.)
Killen, Edward B., London, England. Pneumatic tire. 1,456,062; May 22.
Killen, Frank M., assignor of one-half to E. W. Grove, Asheville, N. C. Curling iron. 1,449,288; Mar. 20.
Killfeather, Gertrude, Spokane, Wash. Body garment. 1,473,789; Nov. 13.
Killian, Laurence J., Boston, and E. J. Parker, Lynn, Mass. Signaling apparatus for motor vehicles. 1,450,553; Apr. 3.
Killick, Frank R., assignor to Sprout, Waldron & Co., Muncy, Pa. Ear-corn crusher. 1,477,502; Dec. 11.
Killion, John F., Norfolk, Mass., assignor to Whiting Chain Company. Mesh bag. Des. 62,612; July 3.
Killion, John H., Chicago, Ill. Knockdown container. 1,441,509; Jan. 9.
Killion, John H., Chicago, Ill. Container. 1,467,675; Sept. 11.
Killion, John H., Chicago, Ill. Building construction. 1,468,968; Sept. 25.
Killion, John H., assignor to S. L. A. Killion, Chicago, Ill. Container. 1,441,286; Jan. 9.
Killion, Sarah L. A. (See Killion, John H., assignor.)
Killman, Thomas A., Nashville, Tenn. Motion-picture-projection apparatus. 1,458,210; June 12.
Killmaster, Ernest A. (See Overbaugh, C. G., and Kell, assignors.)
Killmer, Elmer G., Chicago, Ill. Vulcanizing machine. 1,477,267; Dec. 11.
Killy, Sever P., Kansas City, Mo., assignor to J. O. Lytle and C. G. Edgerton, Sugar City, Colo. Cleaning composition. 1,449,330; Mar. 20.
Kilmartin, Edmund D., Ada, Mich. Ensilage packer. 1,476,620; Dec. 4.
Kilmer, Elmer E., and F. P. Groth, assignors to Interstate Iron and Steel Company, Chicago, Ill. Wire-block stripper. 1,475,435; Nov. 27.
Kilmer, Elmer E., and F. P. Groth, assignors to Interstate Iron and Steel Company, Chicago, Ill. Wire-block stripper. 1,475,436; Nov. 27.
Kilpatrick, Robert L., Hempstead, Tex. Variable sign. 1,451,986; Apr. 17.
Kilroy, Evan P., Joplin, Mont. Hydrocarbon-oil burner. 1,447,556; Mar. 6.
Kimball, A., Co. (See Hummel, August C., assignor.)
Kimball, A., Company. (See Marsh, Alonzo K., assignor.)
Kimball, Charles E., Council Bluffs, Iowa. Limit stop and governor for elevators. 1,444,614; Feb. 6.
Kimball, E. B., et al., trustees. (See Heslewood, W. R., and Mocine, assignors.)
Kimball, Frank I., assignor to Sargent & Company, New Haven, Conn. Floor scraper. 1,459,216; June 19.
Kimball, George C., and H. G. McIlvried, assignors to American Sheet and Tin Plate Company, Pittsburgh, Pa. Cold-roll-feeding mechanism. 1,474,935; Nov. 20.
Kimball, Horace E. (See Cushman, Horace M. and C. M., Washburn, and Kimball.)
Kimball, John A., Taylorville, Ill. Jack. 1,467,899; Sept. 11.
Kimball, Matthew D., assignor of one-half to D. Feder, Omaha, Nebr. Nut lock. 1,453,507; May 1.
Kimball, Root E., Fort Wayne, Ind. Combination kitchen furniture. 1,468,665; Sept. 25.
Kimball, W. W., Company. (See Ericson, Oscar A., assignor.)
Kimball, Wallace D., New York, N. Y., assignor, by mesne assignments, to Nashua Gummed & Coated Paper Company, Nashua, N. H. Tension device for strip-sewing machines. 1,445,022; Feb. 13.
Kimball, Wallace D., and A. E. Rideout, New York, N. Y. Single-head-carton-sealing machine. 1,474,480; Nov. 20.
Kimball, Wallace D., and A. E. Rideout, Chicago, Ill., assignors to Standard Sealing Equipment Corporation, New York, N. Y. Carton-sealing machine. 1,467,045; Sept. 4.
Kimberlin, Winfield M., Los Angeles, Calif. Gas burner. 1,464,909; Aug. 14.
Kimberling, Webb, Norton, Va. Pole-raising apparatus. 1,470,377; Oct. 9.
Kimberly-Clark Company. (See Henderson, Charles L., assignor.)
Kimberly-Clark Company. (See Hornbeck, Charles H., assignor.)
Kimble, Austin, assignor to Marathon Electric Mfg. Co., Wausau, Wis. Ventilated pulley. 1,443,541; Jan. 30.
Kimble, Austin, assignor to Marathon Electric Mfg. Co., Wausau, Wis. Power-transmission apparatus. 1,453,466; May 1.
Kimble Electric Company. (See Nies, John D., assignor.)
Kimble Glass Company. (See Halversen, Hans N., assignor.)
Kimes, Elbert B., and J. H. Carson, assignors of one-fourth to O. P. Buller and one-fourth to R. L. Kimes, Fairmount, Ind. Adjustable thrust-bearing attachment for crank shafts. 1,458,344; June 12.
Kimes, Robert H., and O. F. Schmidt, assignors to Ohmer Fare Register Company, Dayton, Ohio. Recording device for motor vehicles. 1,471,850; Oct. 23.
Kimes, Robert L., et al. (See Kimes, E. B., and Carson, assignors.)
Kimman, Theodore P. (See Callan, W. H., and Kimman.)
Kimmel, George P. (See Stivers, William D., assignor.)
Kimmel, Harry B., Highland Park, Mich. Saw. 1,447,137; Feb. 27.
Kimmel, Harry B., Highland Park, Mich. Saw. 1,468,638; Sept. 25.
Kimmel, Harry B., Highland Park, Mich. Packing washer. 1,468,639; Sept. 25.
Kimmel, Jess D., Dayton, Ohio. Trolley wheel. 1,468,503; Sept. 18.
Kimmerle Bros. (See Hayward, Frank W., assignor.)
Kimmich, Elmer G., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Hose and making same. 1,449,760; Mar. 27.
Kimmig, Emil, Jersey City Heights, N. J., and S. Silver, Brooklyn, N. Y. Dental casting machine. 1,441,001; Jan. 2.
Kinander, Peter, Jackson, Miss. Balanced hollow blast stoker grate. 1,442,530; Jan. 16.
Kincaid, Harry B. (See Sweeney, Daniel, assignor.)
Kincaid, John. (See Johnston, J. T., and Kincaid.)
Kincaid, Robert L., Syracuse, N. Y. Washing machine. 1,461,914; July 17.
Kincannon, Victoria A., New York, N. Y. Baking oven. 1,456,382; May 22.
Kinckiner, Joshua R., Pottstown, Pa. Water cooler. 1,476,757; Dec. 11.
Kind, Hermann. (See Graef, Carl L., assignor.)
Kind, Hermann, Stapleton, N. Y. Display container and holder. 1,452,278; Apr. 17.
Kind, Silas, Easton, Pa. Film-drying apparatus. 1,477,063; Dec. 11.
Kindelberger, Jacob W. (See Croson, C. R., and Kindelberger.)
Kindell, Charles E., administrator. (See Leech, Charles M.)
Kindervater, Julius. (See Lassiter, C. K., and Kindervater.)
Kindl, Carl H., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Frequency-regulator system. 1,448,409; Mar. 13.
Kindl, Carl H., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Starting mechanism for automobiles. 1,472,871; Nov. 6.
Kindl, Carl H., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Starting mechanism for automobiles. 1,472,872; Nov. 6.
Kindström, Carl, assignor to Aktiebolaget Lean, Stockholm, Sweden. Hollow building block. 1,441,156; Jan. 2.
Kindt, Ernest T., Cleveland, Ohio. Dowel pin. 1,455,793; May 22.
King, Alma. (See King, Walter G., assignor.)
King, Andrew, West Bridgeford, England. Device for aligning the wheels of motor cars and like vehicles. 1,449,289; Mar. 20.
King, Bert W., Detroit, Mich. Scale. 1,472,761; Oct. 30.
King, Bert W., Detroit, Mich., assignor, by mesne assignments, to The Computing Scale Company, Dayton, Ohio. Platform scale. 1,444,190; Feb. 6.
King, Charles, Chaffee, Mo. Wick for oil stoves. 1,455,212; May 15.
King, Charles B., Detroit, Mich. Rheostat socket. 1,464,487; Aug. 7.
King, Charles M. (See Dupuis, Noel, assignor.)
King, Clarence R., assignor to Norton Company, Worcester, Mass. Resilient safety tread. 1,474,481; Nov. 20.
King, Clifford G., Providence, R. I. Collapsible tube. 1,451,461; Apr. 10.
King, Clifford G., Providence, R. I. Clasp. 1,467,483; Sept. 11.
King, Clifford G., Providence, R. I. Display card. Des. 63,105; Oct. 2.
King, Clifton F., Ludlow, Mass. Bearing sleeve. 1,445,693; Feb. 20.
King, Clinton S., Edgewood, R. I. Armrest for banjos. 1,459,591; June 19.
King, Edward F., Providence, R. I. Fabric and making the same. 1,464,715; Aug. 14.
King, Edward J. (See Allen, Edwin, assignor.)
King Electric Manufacturing Company. (See King, Vernon F., assignor.)
King, Frances R. (See Smith, Albert H., assignor.)
King, Frank A., Englewood, Colo. Spotlight. 1,477,961; Dec. 18.
King, Frank O., Glenco, Ill. Doll. Des. 62,016; Feb. 27.
King, Fred B., assignor, by mesne assignments, to The Willys-Overland Company, Toledo, Ohio. Crimping tool. 1,464,942; Aug. 14.
King, Fred B., assignor to The Willys-Overland Company, Toledo, Ohio. Spring seat structure. 1,468,477; Sept. 18.
King, Fred B., assignor to The Willys-Overland Company, Toledo, Ohio. Spring-seat cushion. 1,474,080; Nov. 13.
King, George E., Newton, assignor to The Gamewell Fire Alarm Telegraph Co., Newton Upper Falls, Mass. Signal-device-operating mechanism. 1,478,901; Dec. 25.

King, George H., Port Arthur, Tex., assignor to Gulf Refining Company, Pittsburgh, Pa. Mixing and delivering oil and aluminum chloride. 1,478,438; Dec. 25.
King, Harvey, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Furnace-regulator system. 1,449,861; Mar. 27.
King, Henry R. (See Mitchell, W., and King.)
King, Herbert C., Toronto, Ontario, Canada. Portable gramophone. 1,458,580; June 12.
King, Herman A., Portland, and E. O. Isler, Hillsdale, Oreg. Pneumatic rubber blanket. 1,464,716; Aug. 14.
King, Howard K., Philadelphia, Pa., assignor to Chambers Brothers Company. Sheet-registering device. 1,466,660; Sept. 4.
King, Isham E., Durham, N. C. Collapsible screen. 1,464,876; Aug. 14.
King, James, Joplin, Mo. Wax spreader. 1,460,329; June 26.
King, James, Auckland, New Zealand. Vacuum pulsator-actuated mechanism. 1,468,238; Sept. 18.
King, James D., Chicago, Ill. Automobile lock. 1,452,879; Apr. 24.
King, James S., assignor of one-half to Charles Knight & Company, Limited, London, England. Book with detachable leaves. 1,448,450; Mar. 13.
King, James S., assignor of one-half to Charles Knight & Company, Limited, London, England. Means for securing books in detachable covers. 1,454,288; May 8.
King, Jesse C., assignor to Canada Carbide Company, Limited, Montreal, Quebec, Canada. Container or receptacle for carbide and the like. 1,453,508; May 1.
King, Jesse C., and W. S. Nish, assignors to Canada Carbide Company, Limited, Montreal, Canada. Container. 1,467,762; Sept. 11.
King, Jet S., et al. (See Wolfe, Clinton, M., assignor.)
King, John F., deceased, by M. B. King, executor, and D. A. Creamer, executrix, Kalamazoo, Mich. Means for washing and cleaning golf balls. 1,469,274; Oct. 2.
King, John J. (See Skinner, W. L., and King.)
King, John O. (See Pohl, Charles, assignor.)
King, John Y., Lansdowne, Pa. Shock-absorbing spring. 1,468,907; Sept. 25.
King, Joshua R. (See King, William O. and J. R.)
King, Lawrence W., Kansas City, Mo. Necktie fastener. 1,477,759; Dec. 18.
King, Lea M., Morristown, Tenn. Coupling mechanism for train pipes. 1,459,537; June 19.
King Machine Tool Company, The. (See Muller, Edward A., assignor.)
King, Melbert, assignor of one-third to C. T. Brown, Chicago, Ill. Combined camera and projector mechanism for moving-picture films. 1,469,016; Sept. 25.
King, Merrill B., et al., executors. (See King, John F.)
King, Minnie L. (See Croft, Leonard Y., assignor.)
King, Oliver M., and A. J. Brooks, St. Joseph, Mo., assignors, by direct and mesne assignments, to The Standard Oil Company. Air-hose protector. 1,475,269; Nov. 27.
King, Peter J., Milwaukee, Wis. Apparatus for cutting pipes. 1,476,983; Dec. 11.
King, Ralph A. J., Cherokee, Okla. Air filter for automobiles. 1,453,627; May 1.
King, Robert C., El Paso, Tex. Retreading machine. 1,465,826; Aug. 21.
King, Robert W., assignor to Western Electric Company, Incorporated, New York, N. Y. Electron-discharge device. 1,472,477; Oct. 30.
King, Rufus, Plainville, assignor to Bugbee & Niles Company, North Attleboro, Mass. Ribbon-bracelet clasp. 1,478,658; Dec. 25.
King, Rufus, Plainville, assignor to Bugbee & Niles Company, North Attleboro, Mass. Buckle. 1,478,659; Dec. 25.
King, Samuel R., Glenbrook, Conn. Filtering mechanism. 1,443,918; Jan. 30.
King, Seth H., San Francisco, and J. E. Troiel, Berkeley, Calif. Gas range. 1,442,618; Jan. 16.
King, Thomas H., Charlotte, N. C. Water pipe. 1,466,592; Aug. 28.
King, Vernon F., Tonawanda, assignor to King Electric Manufacturing Company, Inc., Buffalo, N. Y. Alternating-current rectifier. 1,463,779; July 31.
King, Walter G., assignor of one-half to A. King, Oak Park, Ill. Coin-dispensing device. 1,475,585; Nov. 27.
King, Walter H., Denver, Colo. Match-holding cigarette container. 1,468,504; Sept. 18.
King, William B., Needham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Press. 1,442,809; Jan. 23.
King, William E., assignor to Milton Bradley Company, Springfield, Mass. Painting outfit. 1,474,721; Nov. 20.
King, William J., assignor to The E. T. Burrowes Company, Portland, Me. Pool table. 1,443,266; Jan. 23.
King, William O., Sidney, and J. R. King, New Haven, N. Y. Machine for spreading crushed stone and other material. 1,468,303; Sept. 18.
Kinghorn, John R. (See Nadler, A., and Kinghorn.)
Kings, Thomas W., Chicago, Ill., assignor to International Harvester Company. Fuel pump. 1,443,183; Jan. 23.
Kingsbury, Albert. (See Howarth, Harry A. S., assignor.)
Kingsbury, Albert. (See Wadsworth, Frank L. O., assignor.)
Kingsbury, Albert, Greenwich, Conn. Horizontal thrust bearing. 1,443,879; Jan. 30.
Kingsbury, Albert, Pittsburgh, Pa. Electrically-insulated bearing. 1,456,804; May 29.
Kingsbury, Albert, Pittsburgh, Pa. Making pressure-distributing structures. 1,465,988; Aug. 28.
Kingsbury, Albert, and H. A. S. Howarth, Pittsburgh, Pa.; said Howarth assignor to said Kingsbury. Bearing. 1,444,839; Feb. 13.
Kingsbury, Albert, and H. A. S. Howarth, Pittsburgh, Pa.; said Howarth assignor to said Kingsbury. Bearing. 1,444,840; Feb. 13.
Kingsbury, Albert, and H. A. S. Howarth, Pittsburgh, Pa.; said Howarth assignor to said Kingsbury. Bearing. 1,444,841; Feb. 13.
Kingsbury, Edward J., Keene, N. H. Automatic drilling jig. 1,464,005; Aug. 7.
Kingsbury, Edwin F., Rutherford, N. J. Photographic shutter. 1,458,211; June 12.
Kingsbury, Edwin F., Rutherford, N. J., assignor to Eastman Kodak Company, Rochester, N. Y. Film cartridge. 1,469,017; Sept. 25.
Kingsbury, Edwin F., Rutherford, N. J., assignor to Eastman Kodak Company, Rochester, N. Y. Spool for photographic-film cartridges. 1,469,018; Sept. 25.
Kingsbury, George P., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Typographical elements. 1,471,400; Oct. 23.
Kingsford, Russell T., assignor to Atwater Kent Manufacturing Company, Philadelphia, Pa. Armature winding. 1,471,851; Oct. 23.
Kingsley, Lee, Syracuse, N. Y. Loose-leaf-binder book. 1,478,522; Dec. 25.
Kingsmill, Henry L., Preston, England. Apparatus for darning woven or knitted articles or fabrics. 1,478,984; Dec. 25.
Kingswell, Percy N. (See Clews, C. E., and Beere, assignors.)
Kinnard, Frank M., assignor of one-half to C. L. Sebring, Sebring, Ohio. Batter. 1,462,812; July 24
Kinnard, Isaac F., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Method and apparatus for testing welds. 1,440,470; Jan. 2.
Kinne, Edmund P., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Draft yoke. 1,449,418; Mar. 27.
Kinnear Manufacturing Company, The. (See Greegor, Ralph H., assignor.)
Kinnear, William, Saskatchewan, Canada. Golf club. 1,467,435; Sept. 11.
Kinnebrew, Marcus. (See Jones, W. H., and Kinnebrew.)
Kinney, Andrew S., Redwood Falls, Minn. Slot-closure mat for automobiles. 1,451,987; Apr. 17.
Kinney, Arthur G., assignor to The Fargo Foundry Company, Fargo, N. Dak. Street-lamp post. Des. 63,560; Dec. 18.
Kinney, John J., assignor to Columbian Rope Company, Auburn, N. Y. Spinning-jenny nipper. 1,453,146; Apr. 24.
Kinney, J. Stanley. (See Conrad, F., and Kinney.)
Kinney, J. Stanley, Wilkinsburg, Pa., assignor to Westinghouse Electric & Maufacturing Company. Bushing. 1,458,943; June 19.
Kinney, J. Stanley, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Composite steering wheel. 1,466,235; Aug. 28.
Kinney, J. Stanley, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Gear. 1,466,236; Aug. 28.
Kinoshita, Yokichi, Boston, Mass. Dumping-truck apparatus. 1,471,339; Oct. 23.
Kinsey, Jacob, Philadelphia, Pa. Tobacco pouch. 1,444,468; Feb. 6.
Kinsley, John H., Clinton, Mass. Telegraph sounder. 1,453,359; May 1.
Kinsley, William S., Reading, assignor to The Russell Company, Boston, Mass. Material-handling apparatus. 1,460,384; July 3.
Kinsley, William S., Reading, assignor to The Russell Company, Boston, Mass. Apparatus, installation, and method for use in treating textile stock. 1,465,046; Aug. 14.
Kinsley, William S., Reading, assignor to The Russell Company, Boston, Mass. Cleaner for fibrous stock and method of cleaning fibrous stock. 1,465,047; Aug. 14.
Kinsley, William S., Reading, assignor to The Russell Company, Boston, Mass. Apparatus for and method of heading fibrous textile stock. 1,465,048; Aug. 14.
Kinsley, William S., Reading, assignor to The Russell Company, Boston, Mass. Conveyer for textile stock. 1,465,049; Aug. 14.
Kinsley, William S., Reading, assignor to The Russell Company, Boston, Mass. Mixing and cleansing apparatus for textile stock. 1,465,050; Aug. 14.
Kinslow, Mary E., Los Angeles, Calif. Garment. 1,467,731; Sept. 11.
Kinsman, Charles F. (See Roth, Louis, assignor.)
Kinsman, Harold J., Falmouth, England. Golf club. 1,447,989; Mar. 13.

Kinsman, William A., and H. E. Nock, assignors to Towle Manufacturing Company, Newburyport, Mass. Display chest. 1,465,850; Aug. 21.
Kinsthetic Process Co. (See Thomas, William I., assignor.)
Kintner, Alcuin E., Painesville, Ohio. Optical demonstrating apparatus. 1,476,621; Dec. 4.
Kinton, Robert L., Meyersdale, and A. F. Hibner, Connellsville, Pa. Fire-brick mold. 1,478,746; Dec. 25.
Kintz, Alfred G., Wallingford, assignor to International Silver Company, Meriden, Conn. Fork or similar article. Des. 62,572; June 26.
Kintz, Alfred G., Wallingford, assignor to International Silver Company, Meriden, Conn. Spoon or similar article. Des. 63,651; Dec. 25.
Kintz, Robert R., Meriden, Conn. Antislipping attachment for vehicle tires. 1,460,657; July 3.
Kintz, Robert R., assignor to International Silver Company, Meriden, Conn. Soup tureen or similar article. Des. 62,822; Aug. 7.
Kintz, Robert R., assignor to International Silver Company, Meriden, Conn. Tea or coffee pot or similar article. Des. 62,823; Aug. 7.
Kintzele, Julius H., St. Louis, assignor to Ste. Genevieve Wash Machine Corporation, Ste. Genevieve, Mo. Washing machine. 1,451,547; Apr. 10.
Kinzie, Charles J. (See Barton, L. E., and Kinzie.)
Kintzing, Reese T., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Motor-control system. 1,454,853; May 15.
Kintzing, Reese T., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. System of control. 1,463,168; July 31.
Kinyon, Alonzo G., Chicago, Ill., assignor to Fuller Engineering Company, Allentown, Pa. Process and apparatus for burning powdered coal. 1,444,421; Feb. 6.
Kinyoun, Floyd H., Omaha, Nebr. Airplane starting and landing device. 1,478,747; Dec. 25.
Kinzler, Edward F., Pittsburgh, Pa. Indicator. 1,477,962; Dec. 18.
Kippenhan, William, Alleton, Wis. Motor-driven land roller. 1,452,974; Apr. 24.
Kiracofe, Otha B., Churchville, Va. Lifting jack. 1,455,622; May 15.
Kiracofe, Otterbein P., West Rutherford, N. J. Winding chuck for fabric, paper, and other materials. 1,448,125; Mar. 13.
Kirberger, Leopold. (See Kaltwasser, O., and Kirberger.)
Kirby, Charles H., Detroit, Mich. Steering-gear replacement. 1,458,581; June 12.
Kirby, Edmund B., New York, N. Y. Blast-furnace construction. 1,478,439; Dec. 25.
Kirby, Ernest V. (See Marriott, O. M., Hunt, and Kirby.)
Kirby, James B., Cleveland, Ohio. Cleaner casing. 1,447,419; Mar. 6.
Kirby, James B., Cleveland, Ohio. Washing machine. 1,447,420; Mar. 6.
Kirby, James W., Harlan, Iowa. Stock-watering tank. 1,474,530; Nov. 20.
Kirby, John, jr. (See Wilcke, O. C. F., and Kirby.)
Kirby, Joseph M., and B. E. Hartson, Boulder, Colo. Gas generator. 1,462,705; July 24.
Kirby Manufacturing Company, The. (See Otterbein, Arthur, assignor.)
Kirby, William K., Golden, Colo. Process and apparatus for treating oil shales. 1,458,983; June 19.
Kircher, Albert E., assignor to Continental Distributors, Inc., Chicago, Ill. Fire extinguisher. 1,467,857; Sept. 11.
Kircher, Carl. (See Bosch, C., Dehnel, and Kircher.)
Kircher, Paul, assignor to Massey Concrete Products Corporation, Chicago, Ill. Reenforced-concrete pipe. 1,447,421; Mar. 6.
Kirchgessner, Joseph A., Buffalo, N. Y. Holding device for embroidery work. 1,469,516; Oct. 2.
Kirchmer, Jacob, jr., Elmwood Place, Ohio. Washing kit. 1,466,593; Aug. 28.
Kirchner, Henry W., St. Louis, Mo. Interchangeable-unit carrier. 1,470,266; Oct. 9.
Kirfman, John S., Des Moines, Iowa. Knockdown structure for trellises, tree protectors, and the like. 1,448,274; Mar. 13.
Kirgan, John F., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Tube cleaner. 1,441,431; Jan. 9.
Kirgan, John F., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Jet augmenter or ejector. 1,457,777; June 5.
Kirgesner, Florence F., San Francisco, Calif., assignor to G. J. Kirgesner. Combined grate and water heater. 1,445,517; Feb. 13.
Kirgesner, George J. (See Kirgesner, Florence F., assignor.)
Kirk, Allen T., Chicago, Ill. Engine starter. 1,474,371; Nov. 20.
Kirk, Arthur R., assignor of one-half to H. P. Moore, Cuyahoga Falls, Ohio. Cue tip. 1,476,622; Dec. 4.
Kirk, Charles J., and G. Brain, assignors to Universal Sanitary Manufacturing Co., New Castle, Pa. Porcelain tank and making the same. 1,449,761; Mar. 27.
Kirk, Charles J., and G. Brain, assignors to Universal Sanitary Manufacturing Co., New Castle, Pa. Process and mold for forming earthenware articles and product thereof. 1,449,762; Mar. 27.
Kirk, Henry C., Roland Park, and G. H. Dumler, Baltimore, Md. Alloy. 1,455,589; May 15.
Kirk, Jay B., Iola, Kans. Cleaning device. 1,455,623; May 15.
Kirk, John C., San Francisco, Calif. Dispensing device. 1,464,877; Aug. 14.
Kirk, Lloyd H., assignor to Martin-Copeland Company, Providence, R. I. Solder-filled wire and manufacturing same. 1,465,553; Aug. 21.
Kirk, Walter I. (See Jefferson, B. H., and Kirk.)
Kirkbride, John, Escanaba, Mich. Pocket match box. 1,444,251; Feb. 6.
Kirkegaard, Georg, assignor to Inter-State Optical Corporation, Brooklyn, N. Y. Lens-grooving machine. 1,469,926; Oct. 9.
Kirkham, Charles B., Garden City, N. Y., assignor to Curtiss Aeroplane and Motor Corporation. Propeller mounting. 1,445,142; Feb. 13.
Kirkham, Charles B., Garden City, N. Y., assignor to Curtiss Aeroplane and Motor Corporation. Lubricating device for internal-combustion engines. 1,447,788; Mar. 6.
Kirkham, Charles B., Buffalo, N. Y., assignor to Curtiss Aeroplane and Motor Corporation. Aeronautical motor. 1,465,989; Aug. 28.
Kirkland, Carroll M., Seattle, Wash., assignor to Miller Saw Trimmer Company, Pittsburgh, Pa. Paper-feeding device for printing presses. 1,470,588; Oct. 9.
Kirkness, Frederick B. (See Kirkness, Frederick B., assignor.)
Kirkness, Frederick B., Yorklyn, assignor of one-half to F. B. Kirkness, Wilmington, Del. Window screen. 1,474,675; Nov. 20.
Kirkpatrick, Bert S., San Pablo, and F. S. Morgan, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Producing anhydrous metallic chloride. 1,455,005; May 15.
Kirkpatrick, Clifford B., Wichita Falls, Tex. Advertising device. 1,476,984; Dec. 11.
Kirkpatrick, George W., Rochester, N. Y. Cooling device for power transmission jacks. 1,450,858; Apr. 3.
Kirkpatrick, Littleton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated fabric. 1,468,818; Sept. 25.
Kirkpatrick, Monroe C., Files Valley, assignor of one-fourth to J. H. Williamson and one-fourth to V. Wiseman, Hill County, Tex. Tramper for lint cotton. 1,472,274; Oct. 30.
Kirkpatrick, William C., and C. F. Hart, Clarksdale, Miss. Combination barrel-truck-emptying device. 1,444,125; Feb. 6.
Kirkpatrick, William L. (See O'Flaherty, L. F., and Kirkpatrick.)
Kirkwood, Frederick, Buffalo, N. Y. Tire holder. 1,448,304; Mar. 13.
Kirkwood, Maclean, East Orange, N. J., assignor to American Telephone and Telegraph Company. System for measuring distortion. 1,455,843; May 22.
Kirlin, Ivan M., Detroit, Mich. Making hollow panes of glass. 1,448,351; Mar. 13.
Kirlin, Otis M., Watertown, S. Dak. Scale. 1,471,518; Oct. 23.
Kirn, August, Cincinnati, Ohio. Cloth-cutting machine. 1,445,325; Feb. 13.
Kirnbauer, Michael, Forest Park, Ill. Culinary slicing machine. 1,442,222; Jan. 16.
Kirnbauer, Michael, Forest Park, Ill. Rotary slicing machine. 1,442,889; Jan. 23.
Kirsch, Charles W., Sturgis, Mich. Window-shade roller. 1,459,772; June 26.
Kirsch, Charles W., Sturgis, Mich. Curtain holdback. 1,472,599; Oct. 30.
Kirsch, Charles W. Sturgis, Mich. Window-shade-roller fixture. 1,476,160; Dec. 4.
Kirsch, Raymond R., assignor to Hexagon Specialty Manufacturing Company, St. Louis, Mo. Automobile. 1,450,684; Apr. 3.
Kirschbaum, Charles B., Brooklyn, N. Y. Foldable velocipede. 1,474,531; Nov. 20.
Kirschbraun, Lester. (See Rahr, C. E., and Kirschbraun.)
Kirschbraun, Lester, Chicago, Ill. Bituminous emulsion and making same. 1,450,685; Apr. 3.
Kirschbraun, Lester, Chicago, Ill. Composition for saturating fabrics and making same. 1,461,445; July 10.
Kirschbraun, Lester, Evanston, Ill. Coated waterproof sheeting. 1,464,717; Aug. 14.
Kirschbraun, Lester, Evanston, Ill. Making emulsified compositions. 1,469,563; Oct. 2.
Kirschbraun, Lester, Chicago, Ill., assignor to Raybestos Company, Bridgeport, Conn. Making clutch rings. 1,447,347; Mar. 6.
Kirschbraun, Lester, Chicago, Ill., assignor to The Raybestos Company, Bridgeport, Conn. Asbestos friction clutch rings. 1,450,319; Apr. 3.
Kirschbraun, Lester, Chicago, Ill., assignor to The Raybestos Company, Bridgeport, Conn. Friction facing and making same. 1,466,907; Sept. 4.
Kirschmann, Leopold, Berlin-Halensee, Germany. Evaporative refrigerator. 1,473,593; Nov. 6.

Kirschner, John G., et al. (See Smith, David K., assignor.)
Kirshner, Abram S., Philadelphia, Pa. Apparatus for extracting liquids. 1,449,290; Mar. 20.
Kirst, John P., Ohio, Ill. Toy elevator. 1,452,608; Apr. 24.
Kirsten, Frederick B. A., Balwyn, Melbourne, Victoria, Australia. Loose-leaf book or binder. 1,443,267; Jan. 23.
Kirsten, Friedrich, Celle in Hanover, Germany. Grinding or sharpening device for razor blades. 1,459,676; June 19.
Kirstein, Henry E., and H. W. Gage, assignors to Shur-On Optical Co., Inc., Rochester, N. Y. Ophthalmic mounting. 1,478,661; Dec. 25.
Kirton, Carnaby, and H. J. Gaudie, East Boldon, Durham, England. Pocket of billiard tables and the like. 1,464,006; Aug. 7.
Kirton, Richard G., Perth, Western Australia, Australia. Making concrete structures. 1,465,222; Aug. 14.
Kishell, Michael A., Dickson, Pa. Paper-hanging machine. 1,464,992; Aug. 14.
Kishpaugh, Arthur W. (See Clement, L. M., and Kishpaugh.)
Kishpaugh, Arthur W., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Carrier-wave transmission system. 1,473,433; Nov. 6.
Kishpaugh, John M., Pasadena, Calif. Liquid measuring and dispensing vessel. 1,461,486; July 10.
Kishpaugh, John M., Newton, N. J. Artificial-bait trap. 1,464,387; Aug. 7.
Kisner, William C., Watson, W. Va. Trap nest. 1,441,432; Jan. 9.
Kisner, William C., Watson, W. Va. Fowl-identification device. 1,441,433; Jan. 9.
Kiss, Mike, Maline, Ill. Rail joint. 1,465,914; Aug. 21.
Kissel Motor Car Company, The. (See Palmer, H. D., and Brhel, assignors.)
Kisselhoff, Max, New York, N. Y. Article carrier. 1,445,400; Feb. 13.
Kissendorfer, Karl, assignor to Waffenfabrik Mauser, A. G., Oberndorf-on-the-Neckar, Germany. Screw clamp. 1,452,384; Apr. 17.
Kissner, Hyman, and D. Blum, New York, N. Y. Tool for decorating crockery. 1,445,627; Feb. 20.
Kistner, Charles E., Cincinnati, Ohio. Dirigible automobile lamp device. 1,452,916; Apr. 24.
Kistner, Charles E., Cincinnati, Ohio. Reflector for lights. 1,459,372; June 19.
Kitchen, Claire. (See Kitchen, Grover C. and C.)
Kitchen, Grover C. and C., Sonoma, Calif. Egg-turning means for incubators. 1,456,559; May 29.
Kitchen, John G A., et al. (See Alexander, Johnston R., assignor.)
Kitchen, Joseph M., East Orange, N. J. Apparatus for treating milk. 1,447,249; Mar. 6.
Kitchen, Joseph M. W., East Orange, N. J. Treating butter. 1,447,250; Mar. 6.
Kitchen, Joseph M. W., East Orange, N. J. Treating milk. 1,447,251; Mar. 6.
Kitchen, Joseph M. W., East Orange, N. J. Method of and means for treating lactic fluids. 1,447,252; Mar. 6.
Kitchen, Joseph M. W., East Orange, N. J. Poultry-plant construction. 1,447,476; Mar. 6.
Kitchen, Martin T., Logan, W. Va. Spring bumper for mine cars. 1,450,041; Mar. 27.
Kitchin, Howard W., Washington, D. C. Means of grounding electrical piloting cables. 1,441,002; Jan. 2.
Kitowski, Adolf, Norwich, Conn. Removable heelplate. 1,474,837; Nov. 20.
Kitsee, Isidor, Philadelphia, Pa. Multicolor screen for photography. 1,446,049; Feb. 20.
Kitsee, Isidor, Philadelphia, Pa. Producing multicolored screens for photography. 1,446,050; Feb. 20.
Kitsee, Isidor, Philadelphia, Pa. Many-colored screen for photography. 1,449,417; Mar. 27.
Kitsee, Isidor, Philadelphia, Pa. Producing artificial silk. 1,457,977; June 5.
Kitsee, Isidor, Philadelphia, Pa. Apparatus for ruling photographic films. 1,476,206; Dec. 4.
Kitsee, Isidor, Philadelphia, Pa. Producing multicolored screens. 1,477,880; Dec. 18.
Kitsee, Isidor, Philadelphia, Pa. Producing integral multicolored screens on photographic blanks. 1,477,881; Dec. 18.
Kitsee, Isidor, Philadelphia, Pa. Producing integral multicolored screens on photographic blanks. 1,477,882; Dec. 18.
Kitsee, Isidor, Philadelphia, Pa. Polychromatic screens integral with moving-picture films. 1,477,883; Dec. 18.
Kitson, Arthur. (See Utley, Willie H., assignor.)
Kittle, Charles R., near Indio, assignor of one-half to G. E. Harpham, Los Angeles, Calif. Hydrocarbon burner. 1,448,223; Mar. 13.
Kitto, William H., jr., and S. B. Moiles, Detroit, Mich.; said Kitto assignor to said Moiles. Gear-cutting machine. 1,451,097; Apr. 10.
Kitts, Isaac L. (See Kitts, Willard A., jr., assignor.)
Kitts, Willard A., jr., Mountain Lakes, N. J., assignor to I. L. Kitts, Fort Myer, Va. Blow-off valve. 1,456,697; May 29.
Kivikink, August E., and E. Nilson, Indiana Harbor, Ind. Antiglare screen for automobiles. 1,468,115; Sept. 18.
Kivlan, John L., Boston, Mass. Jar-trimming machine. 1,456,276; May 22.
Kivlan, John L., Boston, Mass. Jar lifter. 1,456,698; May 29.
Kivlin, Matthew J., Kingsville, Tex. Course director for flies. 1,472,127; Oct. 30.
Kjelland, William T., Snohomish, Wash. Burglar alarm. 1,476,340; Dec. 4.
Klaasse, Arend, Jackson, Mich. Spring. 1,450,686; Apr. 3.
Klabunda, William, Florence, Nebr. Vehicle direction indicator. 1,443,956; Feb. 6.
Klages, August, Magdeburg-Südost, Germany, assignor, by mesne assignments, to The Chemical Foundation, Inc. Mercury derivatives of aromatic compounds and manufacturing same. 1,455,495; May 15.
Klages, George W. (See Stroh, W. Y., and Klages.)
Klaiber, Maximilian, Hackensack, N. J., assignor of one-half to A. W. Glenk, New York, N. Y. Picture-projecting apparatus. 1,476,017; Dec. 4.
Klamroth, Wilfried, New York, N. Y. Razor-blade holder. 1,454,055; May 8.
Klancke, John. (See Radke, A. T., and Klancke.)
Klappert, Bessie, Whitestone Landing, N. Y. Convertible garment. 1,470,849; Oct. 16.
Klatt, Joseph, assignor to W. W. Wilcox Mfg. Co., Chicago, Ill. Card register. 1,459,538; June 19.
Klauber, Laurence M., assignor of one-half to San Diego Consolidated Gas & Electric Company, San Diego, Calif. Lightning arrester. 1,454,289; May 8.
Klauminzer, Carl W., Lakewood, Ohio. Typewriting machine. 1,453,628; May 1.
Klaus, Fred R., assignor to The Hydraulic Pressed Steel Company, Cleveland, Ohio. Rim-connecting hook. 1,464,823; Aug. 14.
Klaus, Fred R., and F. H. Meyer, Warren, Ohio. Making cushion-tire structures. 1,461,531; July 10.
Klauser, William C., Hartford, Conn. Shipping receptacle. 1,470,750; Oct. 16.
Klausmeyer, David C., Hyde Park, Cincinnati, assignor to Cincinnati Bickford Tool Company, Oakley, Cincinnati, Ohio. Reversing mechanism having stationary sleeves. 1,455,401; May 15.
Klausmeyer, David C., Cincinnati, assignor to The Cincinnati Bickford Tool Company, Oakley, Cincinnati, Ohio. Automatic throw-out for power feed. 1,474,339; Nov. 13.
Klawans, Harry I., Chicago, Ill. Mop material. 1,469,940; Oct. 9.
Klay, Abraham B., deceased, Modesto, Calif.; J. J. Klay, executor. Bearing and gear removing tool. 1,478,964; Dec. 25.
Klay, John J., executor. (See Klay, Abraham B.)
Klebba, Eileen M., Minneapolis, Minn. Toilet case. 1,459,181; June 19.
Klecker, Ralph F., Los Angeles, Calif. Method and means for converting an automobile top into a one-man top. 1,474,838; Nov. 20.
Klee, Anton, jr., Fountain City, Wis. Lever adjustment. 1,466,839; Sept. 4.
Kleeman, William, Hartwell, Cincinnati, Ohio, assignor to The Philip Carey Manufacturing Company. Forming and form-retaining means for plastic, or semi-plastic, or similar materials. 1,453,071; Apr. 24.
Kleen Products Company Inc. (See Bothe, Andreas, assignor.)
Kleffel, Harrison E., Flushing, N. Y. Underfeed traveling grate. 1,477,268; Dec. 11.
Kleffman, John. (See Kleffman, Ray C., assignor.)
Kleffman, Ray C., Chicago, Ill., assignor of one-third to J. Kleffman, Hibbing, Minn. Supporting device. 1,459,404; June 19.
Kleiman, Dirk A., Ogden, Utah. Changeable exhibitor for cars. 1,472,008; Oct. 23.
Klein, Abraham A., and M. F. Beecher, assignors to Norton Company, Worcester, Mass. Non-slip tile. 1,451,462; Apr. 10.
Klein, Alexander. (See Dixon, T. K., Klein, Cox, and Ghent.)
Klein, Arthur, Poughkeepsie, N. Y. Car lock. 1,465,136; Aug. 14.
Klein, Benjamin F. (See Pfleager, Roscoe C., assignor.)
Klein, Benjamin F., Cleveland, Ohio. Lighting fixture. 1,477,366; Dec. 11.
Klein, Benjamin W., Mount Vernon, N. Y. Customer's waiting booth. Des. 62,824; Aug. 7.
Klein, Benjamin W., Mount Vernon, N. Y. Means for detachably connecting an operating member to a power-driven shaft. 1,474,153; Nov. 13.
Klein, Bernat M., and S. Wald, New York, N. Y. Shoestring fastener. 1,451,988; Apr. 17.
Klein, David, New York, assignor to M. Finstone, Brooklyn, N. Y. Clip for fountain pens. 1,468,025; Sept. 18.
Klein, David, New York, assignor to M. Finstone, Brooklyn, N. Y. Lever for self-filler fountain pens. 1,475,953; Dec. 4.
Klein, David, New York, assignor to M. Finstone, Brooklyn, N. Y. Self-filling fountain pen. 1,475,954; Dec. 4.
Klein, Emil A., Los Angeles, Calif. Fumigation tent. 1,459,217; June 19.

Klein, Ernest W., Los Angeles, Calif. Commutator. 1,444,252; Feb. 6.
Klein, Erwin, Voslau, near Vienna, Austria, assignor to The Fleischmann Company. Apparatus for comminuting and drying yeast. 1,447,789; Mar. 6.
Klein, Eugene, S. Klein, and M. Klein, South Pasadena, Calif. Coat hanger. 1,470,925; Oct. 16.
Klein, Fred E. (See Rosenthal, Morris G., assignor.)
Klein, Frederick, New York, assignor to National Indicator Company, Long Island City, N. Y. Braiding machine. 1,465,554; Aug. 21.
Klein, George J., Cleveland, Ohio. Wall lantern. Des. 63,053; Sept. 25.
Klein, Harry H., New York, N. Y. Hair waver. 1,442,434; Jan. 16.
Klein, Howard. (See McDonald, E. F., Klein, and Haas.)
Klein, John A., Detroit, Mich. Bottle cover and spout. 1,448,967; Mar. 20.
Klein, Joseph B., Colton, Wash. Wheel expander. 1,472,915; Nov. 6.
Klein, Louis. (See Konigsberg, J. H., and Klein.)
Klein, Max, assignor to Shapiro & Aronson, Inc., New York, N. Y. Lighting unit. 1,470,227; Oct. 9.
Klein, Morris. (See Klein, E., S., and M.)
Klein, Morris, Oakland, Calif. Stove. 1,472,178; Oct. 30.
Klein, Paul M., Cedarhurst, N. Y. Piston ring and making same. 1,452,645; Apr. 24.
Klein, Samuel. (See Klein, E., S., and M.)
Klein, William C., Allentown, Pa. Making steel or semi-steel car wheels. 1,473,480; Nov. 6.
Kleinberg, Victor, et al. (See Merli, C., and Bertolini, assignors.)
Kleineck, Roy J., Oxford Junction, Iowa. Tire chain, hook, and tightener. 1,445,598; Feb. 13.
Kleinert, I. B., Rubber Company. (See Brock, Max, assignor.)
Kleinert, I. B., Rubber Company. (See Guinzburg, George K., assignor.)
Kleinert, I. B. Rubber Company. (See Guinzburg, Victor, assignor.)
Kleinfield, Irving L., Brooklyn, N. Y. Electric-lamp stand. Des. 62,236; Apr. 24.
Kleinfield, Irving L., Brooklyn, N. Y. Electric-lamp stand. Des. 62,237; Apr. 24.
Kleinfield, Irving L., Brooklyn, N. Y. Electric lamp stand. Des. 62,238; Apr. 24.
Kleinfield, Irving L., Brooklyn, N. Y. Electric-lamp stand. Des. 62,734; July 24.
Kleinlogel, Adolf, Darmstadt, Germany. Manufacturing artificial building materials. 1,470,378; Oct. 9.
Kleinschmidt, Edward E., assignor to Kleinschmidt Electric Company, Inc., Brooklyn, N. Y. Telegraph printer. 1,448,750; Mar. 20.
Kleinschmidt, Edward E., Brooklyn, N. Y., assignor to The Kleinschmidt Electric Company. Transmitter for printing telegraphs. 1,460,357; June 26.
Kleinschmidt, Edward E., Brooklyn, N. Y., assignor to The Kleinschmidt Electric Company. Method of and apparatus for operating printing telegraphs. 1,463,136; July 24.
Kleinschmidt Electric Company. (See Kleinschmidt, Edward E., assignor.)
Kleinschmidt, Emil, Frankfort-on-the-Main, and C. Fohr, Miesbach, Oberbayern, Germany. Manufacture of cores for foundry work. 1,477,064; Dec. 11.
Kleinschmidt, Henry F. A., Johnstown, Pa., assignor to The Lorain Steel Company. Mold or form. 1,451,264; Apr. 10.
Kleinsmith, Frederick, Indianapolis, Ind. Operating means for automobile door latches. 1,465,399; Aug. 21.
Kleinsteuber, Hugo A., et al. (See Hayes, Thomas E., assignor.)
Kleist, Arthur F., Pontiac, assignor to Central Stamping Company, Detroit, Mich. Valve-operating mechanism. 1,473,481; Nov. 6.
Kleist, Charles J. and H. E., Jamestown, N. Y. Drop-hammer board. 1,440,608; Jan. 2.
Kleist, Harry E. (See Kleist, Charles J. and H. E.)
Kleist, John E., New Rochelle, N. Y. Nailing concrete. 1,456,985; May 29.
Klement, Alois, Hamburg, Germany. Rendering translucent sheets of paper, cardboard, and the like having drawings on it. 1,464,477; Aug. 7.
Klemin, Alexander. (See Molloy, E., and Jenkins, assignors.)
Klemin, Alexander, New York, N. Y. Aircraft. 1,442,155; Jan. 16.
Klemm, Edwin O., Dayton, Ohio, assignor to Klemm Manufacturing Company, Fenton, Mich. Tone arm for graphophones. 1,446,566; Feb. 27.
Klemm Manufacturing Company. (See Klemm, Edwin O., assignor.)
Klemme, John L., Albert Lea, Minn. Trip-recording compass for aeroplanes. 1,464,943; Aug. 14.
Klemmer, Conrad, and W. P. Koechel, Bogota, N. J.; said Koechel assignor to said Klemmer. Combined rheostat and socket. 1,451,024; Apr. 10.
Klepac, Joseph, New York, N. Y. Ventilating insole. 1,453,394; May 1.
Klepper, Charles. (See Klepper, Joseph and C.)
Klepper, Joseph and C., Brooklyn, N. Y. Clutch. 1,473,564; Nov. 6.
Klerx, Alois, assignor to Peninsular Forging Die & Tool Co., Detroit, Mich. Weaving shuttle. 1,472,720; Oct. 30.
Kletke, Gottlieb, Alva, Okla. Operating mechanism for the adjusting lever of headers or binders. 1,449,514; Mar. 27.
Kleysteuber, Willie J., Centralia, Ill. Measuring instrument and drill guide. 1,478,477; Dec. 25.
Klich, Franciszek. (See Radon, Jan, assignor.)
Kliesrath, Victor W., East Orange, N. J., assignor of one-half to C. S. Bragg, Cincinnati, Ohio. Internal-combustion engine. 1,463,586; July 31.
Klimcovitz, Stanley, Johnstown, Pa. Vehicle. 1,441,859; Jan. 9.
Kline, Charles E., Cedar Springs, Mich. Corner clamp for frames. 1,443,578; Jan. 30.
Kline, Charles H., Pittsfield, Mass., assignor to General Electric Company. Protective device for electrical apparatus. 1,462,346; July 17.
Kline, Charles R., Reading, Pa. Furnace and boiler casing. 1,458,582; June 12.
Kline, Charles R., Reading, Pa. Combination boiler. 1,462,862; July 24.
Kline, Charles R., Reading, Pa. Furnace insulation. 1,473,296; Nov. 6.
Kline, Clarie B. (See Bahr, August T. J., assignor.)
Kline, Edward M. (See Barber, William J., assignor.)
Kline, Everett C., assignor to The Laminated Metal Products Company, Cincinnati, Ohio. Lock and lock mounting. 1,452,471; Apr. 17.
Kline, Everett C., assignor to The Laminated Metal Products Company, Cincinnati, Ohio. Lock and lock mounting. 1,471,517; Oct. 23.
Kline, Everett C., assignor to The Laminated Metal Products Company, Cincinnati, Ohio. Lock and lock mounting. 1,471,740; Oct. 23.
Kline, Harmon J., Lansing, Mich. Internal-combustion engine. 1,447,089; Feb. 27.
Kline, Henry T., Warsaw, Ind. Fencepost. 1,455,168; May 15.
Kline, William, Philadelphia, Pa. Dispensing device. 1,477,760; Dec. 18.
Kline, William D. (See Ross, Charles R., assignor.)
Kling, Fred E., Youngstown, Ohio. Hot-blast stove. 1,461,357; July 10.
Klingbeil, Gottlieb L. E., Omaha, Nebr. Spring spreader. 1,458,422; June 12.
Klingbeil, Gottlieb L. E., Omaha, Nebr. Spring spreader. 1,458,423; June 12.
Klingbeil, Gottlieb L. E., Omaha, Nebr. Spring spreader for vehicle springs. 1,472,916; Nov. 6.
Klingberg, Wesley E., et al. (See Allen, Van Buren, assignor.)
Klingberg, Willgott, et al. (See Allen, Van Buren, assignor.)
Klinge, William, Alexandria, Va. Child's vehicle. 1,477,830; Dec. 18.
Klinger, F. W., & Langbein Co. (See Langbein, Albert S., assignor.)
Klinker, Lawrence, San Francisco, Calif. Baseball game. 1,447,310; Mar. 6.
Klipstein, E. C., & Sons Company. (See Jacobson, Bernard H., assignor.)
Klocke, William, Woodhaven, assignor to E. W. Bliss Company, Brooklyn, N. Y. Drawing or punching press. 1,443,476; Jan. 30.
Klocke, William, Woodhaven, assignor to E. W. Bliss Company, Brooklyn, N. Y. Friction clutch. 1,452,609; Apr. 24.
Klocke, William, Woodhaven, assignor to E. W. Bliss Company, Brooklyn, N. Y. Press. 1,458,709; June 12.
Klocke, William, Woodhaven, assignor to E. W. Bliss Company, Brooklyn, N. Y. Press having spring-pressed blank holder. 1,466,908; Sept. 4.
Klocke, William, Woodhaven, assignor to E. W. Bliss Company, Brooklyn, N. Y. Press having spring-pressed blank holders. 1,475,437; Nov. 27.
Klocke, William, New York, assignor to E. W. Bliss Company, Brooklyn, N. Y. Drawing press. 1,468,304; Sept. 18.
Kloeb, Boniface R. and J. A., Hoboken, N. J. Gaseous-fuel burner. 1,461,394; July 10.
Kloeb, Joseph A. (See Kloeb, Boniface R. and J. A.)
Kloepper, Valentine C., St. Louis, Mo. Releasing mechanism for automobile hand brakes and the like. 1,458,136; June 12.
Kloes, Frederick J. (See Joseph, Carl, assignor.)
Kloetzer, Otto F., Washington, Ind. Train-order holder and hook. 1,454,896; May 15.
Kloman, Charles A., Bellevue, Pa. Pulverizer. 1,458,486; June 12.
Kloman, Charles A., Bellevue, assignor to The Colonial Engineering Company, Pittsburgh, Pa. Plate-feeding mechanism. 1,461,358; July 10.
Klongland, Henry N. (See Larson, Olef T., assignor.)
Klosner, Morris, New York, N. Y. Electrical condenser. 1,452,610; Apr. 24.
Klossner, Robert, Alliance, Ohio. Internal-combustion motor. 1,464,282; Aug. 7.
Kloster, Ole and T., Stavanger, Norway. Machine for dressing fish. 1,449,610; Mar. 27.
Kloster, Theodor. (See Kloster, Ole and T.)
Klotz, Joseph, dit Georges. (See Pernin, T., and Klotz.)

Klug, Hermann, Frohnau, near Berlin, assignor to the Firm: Deutsche Luftfilter-Baugesellschaft, Berlin, Germany. Filter for air and gases. 1,443,134; Jan. 23.
Klug, Lebrecht J., assignor to Klug & Smith Company, Milwaukee, Wis. Traffic-regulator signal casing. Des. 63,137; Oct. 16.
Klug & Smith Company. (See Klug, Lebrecht J., assignor.)
Kluge, Abel and E., assignors, by mesne assignments, to Brandtjen & Kluge, Incorporated, St. Paul, Minn. Gauge for printing presses. 1,459,105; June 19.
Kluge, Abel, and E., assignors, by mesne assignments, to Brandtjen & Kluge Incorporated, St. Paul, Minn. Pneumatic feeding device for printing presses. 1,472,656; Oct. 30.
Kluge, Eneval. (See Kluge, Abel and E.)
Klugh, Bethune G., Anniston, Ala. Seal joint for sintering and gas-treating apparatus. 1,468,206; Sept. 18.
Klugh, Bethune G., Anniston, assignor to Federal Phosphorus Company, Birmingham, Ala. Oxidizing phosphorus. 1,463,959; Aug. 7.
Klugh, Bethune G., assignor to Southern Manganese Corporation, Anniston, Ala. Preliminary preparation of furnace charges for ore-smelting furnaces. 1,467,797; Sept. 11.
Klumpp, August F. (See Charlton, Robert W., assignor.)
Kluth, Charles F., Wibaux, Mont. Grain saver. 1,471,269; Oct. 16.
Kluttz, Warren L., Birmingham, Ala. Blast-furnace top. 1,465,273; Aug. 21.
Knaack, Hermann R., Chicago, Ill. Caster. 1,454,119; May 8.
Knaack, John J., Hurdland, Mo. Shim cutter. 1,443,880; Jan. 30.
Knaak, George A., Milwaukee, Wis. Controlling apparatus. 1,459,218; June 19.
Knaff, James, et al. (See Metzsch, Soren, assignor.)
Knaggs, Joseph I., Toledo, Ohio. Pan lifter. 1,448,968; Mar. 20.
Knap, Herschel B., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,467,939; Sept. 11.
Knapen, Achille, Brussels, Belgium. Building block. 1,458,888; June 12.
Knapp, Arthur J., Marquette, Iowa. Broom. 1,449,901; Mar. 27.
Knapp Brothers Manufacturing Company. (See Knapp, George A., assignor.)
Knapp, Delbert, Cedar Rapids, Iowa. Storage structure. 1,449,232; Mar. 20.
Knapp, Edgar, J. K. Dickerson, Middleport, N. Y., and F. L. Begtrup, Louisville, Ky., assignors to Niagara Sprayer Co., Middleport, N. Y. Apparatus for manufacturing flowers of sulphur. 1,454,747; May 8.
Knapp, Edwin L., assignor of one-half to B. F. Ronneberger, Anacortes, Wash. Ball-cup-removing device. 1,449,763; Mar. 27.
Knapp, Floyd E., Allerton, Iowa. Combined gear and thrust bearing. 1,462,938; July 24.
Knapp, Fred C., Rahway, N. J. Carbide soldering torch. 1,466,403; Aug. 28.
Knapp, Frederick H., Baltimore, Md. Husking machine. 1,463,364; July 31.
Knapp, Georg K., Nuremberg, Germany. Electrical starter for explosive engines. 1,447,477; Mar. 6.
Knapp, George A., Chicago, Ill., assignor to Knapp Brothers Manufacturing Company. Metallic baseboard structure. 1,453,072; Apr. 24.
Knapp, Harold O. (See Riley, R. A., and Knapp.)
Knapp, Horace G., assignor to Knapp Plow Co., Inc., San Jose, Calif. Plowlift. 1,452,744; Apr. 24.
Knapp, Jacob, assignor to L. S. Brach, Newark, N. J. Alcohol torch. 1,469,795; Oct. 9.
Knapp, James H., Edgeworth, assignor to Tate-Jones & Company, Inc., Pittsburgh, Pa. Furnace. 1,460,066; June 26.
Knapp, John E., Detroit, Mich. Air deflector. 1,444,191; Feb. 6.
Knapp, Lester W. (See Anderson, Carl F., and Knapp.)
Knapp Plow Co. (See Knapp, Horace G., assignor.)
Knapp, Sydney H., Greytown, Wellington, New Zealand. Milking-machine valve. 1,445,599; Feb. 13.
Knapp, William F., Denver, Colo. Hasp lock. 1,470,751; Oct. 16.
Knapp, Willis, Salt Lake City, Utah. Fluid motor. 1,461,620; July 10.
Knauf, Paul W., Cynwyd, assignor to Schutte and Koerting Company, Philadelphia, Pa. Fan blower. 1,471,559; Oct. 23.
Knauff, Charles & Company. (See King, James S., assignor.)
Knauff, Edward J. (See Eis, Julius O., and Knauff.)
Kneass, Strickland L., assignor to William Sellers & Company, Incorporated, Philadelphia, Pa. Valve. 1,465,645; Aug. 21.
Knebusch, George H., assignor to The Cleveland Steel Tool Company, Cleveland, Ohio. Rivet set. 1,442,223; Jan. 16.
Knechtel, Abel M., Detroit, Mich. Scaffold hoist. 1,442,075; Jan. 16.
Knechtel, Jacob S., Hanover, Ontario, Canada. Cabinet joint. 1,468,786; Sept. 25.
Kneeland, Cyrus H., Millinocket, Me. Clamp. 1,468,718; Sept. 25.
Kneeland, Norman L., et al. (See Folgert, Joseph W., assignor.)
Kneeland, Oscar A., Minneapolis, assignor of one-half to V. T. Neander, St. Paul, Minn. Grain-door fastener. 1,454,240; May 8.
Knell, Charles H., Verona, assignor to Verona Tool Works, Pittsburgh, Pa. Anticreeping device for railway rails. 1,471,171; Oct. 16.
Kneppel, Stephan, Scranton, Pa. Flush-tank valve. 1,460,968; July 3.
Knepper, Harry H. (See Aland, Richard C., assignor.)
Knerr, Hugh J., U. S. Army. Gasoline-consumption indicator for motor vehicles. 1,459,106; June 19.
Knerr, Louis E., Seattle, Wash. Lumber-carrying vehicle. 1,443,749; Jan. 30.
Knibbs, Norman V. S., London, England. Distillation and cracking of mineral oils and other hydrocarbon-containing material. 1,459,156; June 19.
Knierim, Sylvanus S. (See Evans, C. B., and Knierim.)
Knigge, Otto C., New York, N. Y. Direction indicator. 1,461,664; July 10.
Knight American Patents Company. (See Porter, Finley R., assignor.)
Knight, Arthur R., et al. (See Stevens, G. H., and Eaton, assignors.)
Knight, Charles, & Company Limited. (See King, James S., assignor.)
Knight, Charles D., et al. (See Seabolt, Frank J., assignor.)
Knight, Charles W., Minneapolis, Minn. Automatic storm-sash operator. 1,476,821; Dec. 11.
Knight, Claude M., Cleveland, Ohio. Attachment for rolling mills. 1,443,223; Jan. 23.
Knight, Earl S., Waterloo, Iowa. Grading and excavating machine. 1,472,562; Oct. 30.
Knight, Ellwood T., Philadelphia, Pa., assignor to Hohlfeld Manufacturing Company. Jacquard mechanism for looms. 1,443,957; Feb. 6.
Knight, George, Brockton, Mass. Gauge for perforating machines. 1,448,751; Mar. 20.
Knight, George B., Camden, N. J. Head-protection attachment for caps, hats, or other headgear. 1,456,183; May 22.
Knight, Grace P., executrix. (See Knight, Richard D.)
Knight, Herbert C., Lynn, Mass. Load-supporting means for motor vehicles. 1,470,171; Oct. 9.
Knight, Herbert M. (See Long, Eugene M., assignor.)
Knight, Herbert M., Montclair, N. J. Highway construction. 1,469,939; Oct. 9.
Knight, James B., El Paso, Tex. Apparatus for conserving gas, oil, and other fluids. 1,472,009; Oct. 23.
Knight, Julian G., Brooklyn, N. Y. Outlet or junction box. 1,471,340; Oct. 23.
Knight, Lewis F., Simpson, Kans. Metal air-check valve. 1,471,172; Oct. 16.
Knight, Lionel B., Fort Pirie, South Australia, Australia. Seed drill. 1,473,297; Nov. 6.
Knight, Need, Lancaster, S. C., assignor to Draper Corporation, Hopedale, Mass. Filling-fork grid for looms. 1,460,589; July 3.
Knight, Richard D., deceased, Providence, R. I.; G. P. Knight, executrix. Combined advertising device and temporary savings bank. 1,456,133; May 22.
Knight, Stanley H., Chicago, Ill. Soda fountain. 1,457,067; May 29.
Knight, William, Rio Vista, Calif. Door latch. 1,445,143; Feb. 13.
Knight, William W., Birmingham, Ala. Signal system for vehicles. 1,458,099; June 5.
Knights, William G., Calgary, Alberta, Canada. Perforating attachment for ruling machines. 1,473,632; Nov. 13.
Knippel, Henry, Lincoln, Nebr. Rear-spring support for automobiles. 1,453,467; May 1.
Knittel, Paul S. (See Elzemeyer, E. H., and Knittel.)
Knoebel, Herman, Chicago, Ill. Vehicle spring support. 1,465,083; Aug. 14.
Knöfel, Heinrich, Frankfort-on-the-Main, Germany. Apparatus for removing blast gases from water-gas generators. 1,459,058; June 19.
Knoll Manufacturing Co. (See Lengel, Irvin D., assignor.)
Knoop, Arnold F., Peotone, Ill. Drawbar for towing automobiles and the like. 1,466,049; Aug. 28.
Knopp, Louis A., assignor to Broderick & Bascom Rope Co., St. Louis, Mo. Water-cooled brake ring. 1,475,955; Dec. 4.
Knopp, Otto A., Oakland, Calif., assignor to General Electric Company. Electric register. 1,477,367; Dec. 11.
Knoop, William A., Brooklyn, and P. P. Cioffi, assignors to Western Electric Company Incorporated, New York, N. Y. Electric discharge device. 1,456,505; May 29.
Knopf, Ernest R., Greenwich, Conn. Laundry-bag support. 1,458,100; June 5.
Knopke, Harry J., Racine, Wis. Door and window lock. 1,445,959; Feb. 20.
Knorr-Bremse Aktiengesellschaft. (See Hildebrand, Wilhelm, assignor.)
Knorr, John A., Bayonne, N. J. Roll-film holder. 1,459,914; June 26.

Knothe Brothers Co. (See Knothe, Frank F., assignor.)
Knothe, Frank F., Ridgewood, N. J., assignor to Knothe Brothers Co., Inc., New York, N. Y. Belt buckle. 1,455,794; May 22.
Knothe, Paul J., Fort Wayne, assignor to Montpelier Manufacturing Company, Montpelier, Ind. Cup packing for pumps and the like. 1,459,509; June 19.
Knott, Clyde L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Operator's chair. 1,466,661; Sept. 4.
Knott, George N. and P. W., Philadelphia, Pa. Laundry-identifying means. 1,442,224; Jan. 16.
Knott, Harry H., C. J. Jungbluth, and E. B. Hammer, Washington, Iowa, assignors to Washington Manufacturing Company. Button-blank-grinding machine. 1,448,969; Mar. 20.
Knott, Harry H., C. J. Jungbluth, and E. B. Hammer, Washington, Iowa, assignors to Washington Manufacturing Company. Button-blank shell-sawing machine. 1,474,044; Nov. 13.
Knott, Percy W. (See Knott, George N. and P. W.)
Knott, Warren E., Grand Rapids, Mich. Automatic button-blank-cutting machine. 1,472,275; Oct. 30.
Knowland, Richard G., Boston, Mass. Deoxidizing water. 1,470,084; Oct. 9.
Knowles, Abram A., Canyon Ferry, Mont. Motor sleigh. 1,463,395; July 31.
Knowles, Abram A., Canyon Ferry, Mont. Sleigh runner. 1,464,204; Aug. 7.
Knowles, Alanson A., et al. (See Donald, William H., assignor.)
Knowles, Arthur F. (See Friedman, A., and Knowles.)
Knowles, Carroll, Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Surface-grinding machine. 1,458,623; June 12.
Knowles, Cecil S., Seattle, Wash. Heating stove. 1,478,662; Dec. 25.
Knowles, Frederick A., et al. (See Donald, William H., assignor.)
Knowles, Harford C., assignor to The Willys-Morrow Company, Elmira, N. Y. Antifriction bearing. 1,474,081; Nov. 13.
Knowles, Madison M., and J. N. Bates, Fort Branch, Ind. Tractor hitch. 1,462,414; July 17.
Knowlton, Charles E., North Grafton, and E. H. Ryon, Waltham, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Weft-detector mechanism. 1,462,554; July 24.
Knowlton, Cutler D., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Feed mechanism. 1,469,840; Oct. 9.
Knowlton, Cutler D., Rockport, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole-pressing machine. 1,472,846; Nov. 6.
Knowlton, Eugene W., assignor to John E. Smith's Sons Company, Buffalo, N. Y. Butter-blocking machine. 1,452,160; Apr. 17.
Knowlton, M. D., Company. (See De Smith, Henry, assignor.)
Knox Engineering and Manufacturing Company. (See Hartley, Calvin G., assignor.)
Knox, John, Perth Amboy, N. J., assignor to A. S. Dwight, New York, N. Y. Sintering machine. 1,441,003; Jan. 2.
Knox, Luther L., Bellevue, assignor, by mesne assignments, to Blaw-Knox Company, Pittsburgh, Pa. Water-cooled valve or damper. Re15,552; Mar. 6.
Knox, Luther L., Bellevue, Pa., assignor to Blaw-Knox Company, Pittsburgh, Pa. Hollow water-cooled structure. 1,442,225; Jan. 16.
Knox, Walter F., Biddeford, Me. Drawing and measuring device. 1,441,533; Jan. 9.
Knox, William E., Miami, Fla. Railway tie plate. 1,444,615; Feb. 6.
Knox, William J., Dubois, Pa. Pin lifter for car couplings. 1,448,275; Mar. 13.
Knox, William J., New York, assignor, by mesne assignments, to said Knox and A. R. Speer, Bronxville, N. Y. Process and apparatus for extracting hydrocarbons from oil wells and oil-bearing strata. 1,462,288; July 17.
Knubel, Anton, deceased, by F. Köster, administrator, assignor to H. Knubel, Munster, Germany. Making hand wheels. 1,473,189; Nov. 6.
Knubel, Helene. (See Knubel, Anton, assignor.)
Knudsen, Carl H., Brooklyn, N. Y., assignor to The Knudsen Motor Corporation, Wilmington, Del. Internal-combustion engine. 1,468,819; Sept. 25.
Knudsen, Carl H., Brooklyn, N. Y., assignor to The Knudsen Motor Corporation, Wilmington, Del. Internal-combustion engine. 1,470,752; Oct. 16.
Knudsen, Carl H., Brooklyn, N. Y., assignor to The Knudsen Motor Corporation, Wilmington, Del. Piston construction. 1,470,753; Oct. 16.
Knudtson, Edward G., Stanton, Nebr., assignor to W. Becker, Sidney, Nebr. Hog holder and pig puller. 1,463,776; July 31.
Knudsen, Eugen, Trondhjem, Norway. Tanning fish skins. 1,467,858; Sept. 11.
Knudsen, Knud J., Chicago, Ill. Door and window stop. 1,471,852; Oct. 23.
Knudsen Motor Corporation, The. (See Knudsen, Carl H., assignor.)
Knudsen, Peter M., New York, N. Y. Skylight. 1,470,026; Oct. 16.
Knudsen, Svend J., Copenhagen, Denmark. Electric safety fuse. 1,462,013; July 17.
Knudsen, William, Fremont, Nebr. Tractor. 1,454,027; May 1.
Knudson, Barney A., Santa Ana, Calif. Mold structure. 1,468,570; Sept. 18.
Knupp, Ralph W. (See Foley, W. P., and Knupp.)
Knutson, Alfred W., assignor to A. V. Rowe, Galesburg, Ill. Attachment for tractor and motor vehicles. 1,473,298; Nov. 6.
Knutson, Gotthard H., Pelican Rapids, Minn. Self-closing gate. 1,474,676; Nov. 20.
Knutzon, Henry K., Thor, Iowa. Burial-vault temporary handle lock. 1,459,219; June 19.
Kny-Scheerer Corporation of America, The. (See Hawley, George W., assignor.)
Kobbe, Edward, Brooklyn, N. Y. Handband or protector for baseball players. 1,465,223; Aug. 14.
Kobbé, William H., New York, N. Y., assignor to Texas Gulf Sulphur Company, Bay City, Tex. Burning sulphur. 1,469,644; Oct. 2.
Kobbé, William H., New York, N. Y., assignor to Texas Gulf Sulphur Company, Bay City, Tex. Sulphur burner. 1,469,645; Oct. 2.
Kober, Fritz, Suhl, Germany. Apparatus for cleaning the outside of boiler tubes. 1,462,415; July 17.
Kobey, Maurice D., assignor of one-half to Orville Wagner. Chicago, Ill. Cap. 1,441,434; Jan. 9.
Koblinsky, Ignatius F., Saginaw, Mich. Modeling dress form. 1,462,555; July 24.
Kobre, Nathan, Brooklyn, N. Y. Collar. 1,443,477; Jan. 30.
Koch, Auguste E., administratrix. (See Koch, Paul A.)
Koch, Bernard J., Pittsburgh, Pa. Printing frame. 1,457,578; June 5.
Koch, Charles W., assignor to T. F. Fleming, New York, N. Y. Faucet valve. 1,468,949; Sept. 25.
Koch, Edward G., Bayou Goula, assignor of one-half to H. A. Nadler, Plaquemine, La. Sugar-cane-mill feed controller. 1,445,218; Feb. 13.
Koch, Frank J., Hershey, Nebr. Combination hammer. 1,456,383; May 22.
Koch, Fritz, St. Paul, Minn. Centrifugal separating machine. 1,461,777; July 17.
Koch, Harry W., Campbellsport, Wis. Steam cooking apparatus for canned food. 1,441,932; Jan. 9.
Koch, Heinrich, Hamm, Germany. Pressure-equalizing valve for piston valves. 1,458,101; June 5.
Koch, Henry J., Chicago, Ill., assignor to Wirebounds Patents Company, Kittery, Me. Making wirebound boxes. 1,454,517; May 8.
Koch, Henry J., Chicago, Ill., assignor to Wirebounds Patents Company, Kittery, Me. Wirebound box machine. 1,454,518; May 8.
Koch, Henry J., Chicago, Ill., assignor to Wirebounds Patents Company, Kittery, Me. Wirebound box machine. 1,457,529; June 5.
Koch, Lydia B. (See Oliver, Ruth M., assignor.)
Koch, Lydia B. (See Thompson, Clarence L., assignor.)
Koch, Lydia B. (See Thompson, Henry B., assignor.)
Koch, Paul A., deceased, by A. E. Koch, administratrix, Charlottenburg, Germany, assignor to General Electric Company. Dynamo-electric machine. 1,466,304; Aug. 28.
Koch, Wehner A., et al. (See Bertrand, John A., assignor.)
Koch, William C., St. Paul, Minn. Display tray. 1,444,690; Feb. 6.
Koch, William C., assignor to Twin City Brick Company, St. Paul, Minn. Carton for shipping sample brick. 1,444,691; Feb. 6.
Koch, William E., Carroll, Ohio. Corn-harvesting machine. 1,469,161; Sept. 25.
Koch, William E., New Rochelle, N. Y. Subsurface fish bait. 1,455,624; May 15.
Kochanski, Joseph, Chicago, Ill. Overcoat. 1,470,449; Oct. 9.
Kochanski, Joseph, Chicago, Ill. Overcoat. 1,470,450; Oct. 9.
Kochendarfer, Sirius E., Washington, Pa. Rotary engine. 1,453,683; May 1.
Kocher, Charles E., Detroit, assignor to The Wyandott-Mor-Powr Truck Company, Wyandotte, Mich. Transmission mechanism. 1,459,026; June 19.
Kochmann, Wilhelm, Charlottenburg, near Berlin, Germany. Performing chemical reactions. 1,468,708; Sept. 25.
Kochmit, Edward J., Cleveland, Ohio. Dental casting apparatus. 1,454,290; May 8.
Kodama, Hisano. (See Kodama, Seizo, assignor.)
Kodama, Isami, Philadelphia, Pa. Fuel device for internal-combustion engines. 1,459,306; June 19.
Kodama, Seizo, assignor of one-half to H. Kodama, San Francisco, Calif. Incense burner. Des. 62,331; May 8.
Koebel, Otto P., St. Louis, Mo. Washing machine. 1,465,444; Aug. 21.
Koeberlin, Simon, Fremont, Nebr. Folding step. 1,473,858; Nov. 13.
Koebler, George, Waukesha, Wis. Railway tie. 1,468,787; Sept. 25.

Koechel, Walter P. (See Klemmer, C., and Koechel.)
Koeck, Joseph. (See Koeck, William and J.)
Koeck, William and J., Oshkosh, Wis. Jack. 1,444,192; Feb. 6.
Koehler, Dell, San Francisco, Calif. Fluid turbine. 1,459,510; June 19.
Koehler, Frederick W., assignor to American Atmos Corporation, Pittsburgh, Pa. Breathing apparatus. 1,454,645; May 8.
Koehler, Henry W., San Ysidro, assignor to R. W. Abbott, San Diego, Calif. Vehicle wheel-steering apparatus. 1,475,122; Nov. 20.
Koehler, John E., and R. Paul, Chicago, Ill. Advertising device. 1,451,877; Apr. 17.
Koehler, Julius B., assignor to The Monitor Stove Company, Cincinnati, Ohio. Fire pot. 1,473,772; Nov. 13.
Koehler, Leo E. (See Sieben, Henry, assignor.)
Koehmstedt, Valentine, Grafton, N. Dak. Insecticide sprayer. 1,459,915; June 26.
Koehn, Alfred, Jersey City, N. J. Truss construction for automobile frames. 1,449,821; Mar. 27.
Koehn, Fred W., Marshfield, Wis. Holder for X-ray plates. 1,444,077; Feb. 6.
Koehring Company. (See Daniel, John, assignor.)
Koehring Company. (See Heine, Ferdinand H., assignor.)
Koehring Company. (See Lichtenberg, Erich H., assignor.)
Koehring Company. (See Robb, John F., assignor.)
Koehring Company. (See Winkler, Henry O., assignor.)
Koelker, Oscar H., assignor to The Willys-Overland Company, Toledo, Ohio. Radiator. 1,474,082; Nov. 13.
Koelling, Addie, et al. (See Hachmann, Frederick, assignor.)
Koeln, Christian C., St. Louis, Mo. Boring tool. 1,477,651; Dec. 18.
Koenecke, F. H., administrator. (See Harris, Christopher.)
Koenig, Albert, et al. (See Angell, Frank B., assignor.)
Koenig, August, assignor of one-half to W. Koenig, Murphysboro, Ill. Mail box. 1,471,899; Oct. 23.
Koenig, Charles J., New Baltimore, Mich. Folding stool or chair. 1,477,652; Dec. 18.
Koenig, Frank R., Brooklyn, assignor to W. H. Jackson Company, New York, N. Y. Roller screen. 1,453,939; May 1.
Koenig, Frederick, Pittsburgh, Pa. Crusher apparatus for locomotive stokers. 1,445,628; Feb. 20.
Koenig, Joseph, and W. H. Ellis, Two Rivers, Wis. Percolator. 1,459,289; June 19.
Koenig, Robert, Haddon Heights, N. J. Vial-bottoming machine. 1,455,056; May 15.
Koenig, William. (See Koenig, August, assignor.)
Koenigkramer, Frank, Cincinnati, Ohio, assignor to J. V. McManis, Kirksville, Mo. Treatment table. 1,453,013; Apr. 24.
Koepfler, William P., Hattiesburg, Miss. Compression grease cup and container. 1,448,595; Mar. 13.
Koepfler, William P., Pouchatoula, La. Grease cup. 1,461,665; July 10.
Koepsell, August J., Mayville, Wis. Loose-leaf binder. 1,472,301; Oct. 30.
Koerner, Ewald, Dresden, Germany, assignor to United Cigarette Machine Co., Inc., Lynchburg, Va. Device for regulating the cut of rod-forming cigarette machines. 1,470,927; Oct. 16.
Koerner, Joseph, Coburg, Germany. Decomposing zirconium and similar ores. 1,467,275; Sept. 4.
Koester, Charles E., jr., Koester, assignor of one-half to E. A. Darrow, St. Louis, Mo. Mop holder. 1,458,063; June 5.
Koester, Herman R., Cincinnati, Ohio, assignor to The Philip Carey Manufacturing Company. Heat-insulating table mat. 1,447,667; Mar. 6.
Koester, Herman R., Bond Hill, Ohio, assignor to The Philip Carey Manufacturing Company. Expansion joint. 1,447,668; Mar. 6.
Koester, William J., and J. D. Foster, Cincinnati, Ohio. Motor-vehicle bumper. 1,464,321; Aug. 7.
Koetter, George, Hoboken, N. J. Nonslipping shoe pad. 1,464,365; Aug. 7.
Koffend, George S. (See Griffin, Regina P., assignor.)
Kofsky, Henry M., Philadelphia, Pa. Arm for lighting fixtures. Des. 62,781; July 31.
Kofsky, Henry M., Philadelphia, Pa. Arm for lighting fixtures. Des. 63,037; Sept. 18.
Kögel, Gustav, Karlsruhe, and H. Neuenhaus, Biebrich, assignors to The Firm of Kalle & Co. Aktiengesellschaft, Biebrich-on-the-Rhine, Germany. Manufacture of light copy paper. 1,444,469; Feb. 6.
Koger, Wesley N., Philadelphia, Pa. Street-cleaning machine. 1,463,707; July 31.
Kohl, Frederick W., assignor to Kohl Hardware Co., Ripon, Wis. Camp stove. 1,477,831; Dec. 18.
Kohl Hardware Co. (See Kohl, Frederick W., assignor.)
Kohl, Henry, Boston, Mass. Producing multicolor prints. 1,446,754; Feb. 27.
Kohl, Theodore G., Wausau, Wis. Chimney cleaner. 1,446,567; Feb. 27.
Kohl, Theodore G., assignor to The Anko Manufacturing Company, Wausau, Wis. Chimney cleaner. 1,473,236; Nov. 6.
Kohl, William H., Melrose, assignor to Forbes Lithograph Manufacturing Company, Boston, Mass. Display stand. 1,471,310; Oct. 16.
Kohlbach, Henry F. W., Fort H. G. Wright, N. Y. Attachment for lawn mowers. 1,457,309; June 5.
Kohler Company. (See Brotz, Anton F., assignor.)
Kohler Company. (See Bucher, William W., assignor.)
Kohler Die & Specialty Company. (See Peterson, Rudolph, assignor.)
Kohler, Ernest, Denver Colo., assignor to The United Mines and Manufacturing Company. Gyratory roundabout. 1,465,012; Aug. 14.
Kohler, Gottfrid, Bridgeport, Conn., and C. B. Smith, Seattle, Wash., assignors to Cinch Expansion Bolt & Engineering Company, New York, N. Y. Anchorage unit. 1,474,154; Nov. 13.
Kohler, Jacob F., New York, N. Y., assignor to Metal Lamp Corporation. Combined lamp shade and stand. Des. 63,184; Oct. 30.
Kohler, Jacob F., New York, N. Y., assignor to Metal Lamp Corporation. Combined lamp shade and stand. Des. 63,185; Oct. 30.
Kohler, Jacob F., New York, N. Y., assignor to Metal Lamp Corporation. Combined lamp shade and stand. Des. 63,186; Oct. 30.
Kohler, John B., Chicago, Ill. Xylophone stand. 1,440,471; Jan. 2.
Kohler, John B., Chicago, Ill. Faucet appliance. 1,449,822; Mar. 27.
Kohler, John F., Larchmont, N. Y. Paring machine. 1,445,144; Feb. 13.
Kohler, John F., White Plains, N. Y. Paring machine. 1,445,145; Feb. 13.
Kohler, John F., New York, N. Y. Paring machine. 1,445,146; Feb. 13.
Kohler, John F., Larchmont Manor, N. Y. Paring machine. 1,445,147; Feb. 13.
Kohlhaas, Christian, Long Branch, N. J. Shade holder. 1,445,960; Feb. 20.
Kohlhepp, John W., assignor to The Allbright-Nell Company, Chicago, Ill. Hog-dehairing machine. 1,473,299; Nov. 6.
Kohlmann, John D., Milwaukee, Wis. Combined milling and turning machine. 1,458,944; June 19.
Kohlmeier, Gust, Manitowoc, Wis. Cheese press. 1,462,863; July 24.
Kohls, Henry C., guardian. (See Zimmermann, Alois.)
Kohman, Ernest J., Dillon, Kans. Regulator for electric generators. 1,472,873; Nov. 6.
Kohman, Henry A., R. Irvin, and R. J. Cross, Pittsburgh, Pa., assignors, by mesne assignments, to The Fleischmann Company. Manufacture of yeast. 1,475,494; Nov. 27.
Kohn, Frank O., Hudson, Iowa. Wind-propelled ship. 1,459,979; June 26.
Kohn, Jacob, New York, N. Y. Hanger. 1,459,471; June 19.
Kohn, Koby, New York, N. Y., assignor to Victory Sparkler & Specialty Co., Elkton, Md. Combined razor and brush. 1,453,014; Apr. 24.
Kohn, Leo M., Philadelphia, Pa. Timing mechanism for folding machines or the like. 1,474,781; Nov. 20.
Kohn, Mathias A., Milwaukee, Wis. Garbage incinerator. 1,468,450; Sept. 18.
Kohn, Milton M., New York, N. Y. Electrical heating device. 1,456,878; May 29.
Kohn, Milton M., New York, N. Y. Resistor. 1,473,107; Nov. 6.
Kohn, Ralph R., Philadelphia, Pa. Draft device for locomotives. 1,458,766; June 12.
Kohn, Siegfried, Philadelphia, Pa., assignor to Rohm & Haas Company. Synthetic tan and making same. 1,460,422; July 3.
Kohnle, Frederick, assignor to The Monarch Marking System Company, Dayton, Ohio. Price tag. 1,473,773; Nov. 13.
Kohnle, Frederick, assignor to The Monarch Marking System Company, Dayton, Ohio. Tag-marking machine. 1,474,782; Nov. 20.
Kohout, Jerry J., and T. R. Gunson, Nunn, Colo. Automobile brake. 1,460,911; July 3.
Kohr, Granville I., York, Pa. Combination cooking utensil. 1,444,346; Feb. 6.
Kojis, Ferdinand, et al. (See Stuchlik, John M., assignor.)
Koken, Walter F., St. Louis, Mo. Barber pole. Des. 62,301; May 1.
Koken, Walter F., St. Louis, Mo. Barber chair. Des. 62,302; May 1.
Koken, Walter F., St. Louis, Mo. Hair-dressing chair. Des. 62,825; Aug. 7.
Koken, Walter F., St. Louis, Mo. Hair-dressing chair. Des. 62,826; Aug. 7.
Kokesh, Alois J., Cainesville, Mo. Oiler. 1,445,518; Feb. 13.
Kokko, Evert, Duluth, Minn. Vehicle wheel. 1,451,913; Apr. 17.
Kokomo Automotive Mfg. Co. (See Albright, Neil T., assignor.)
Kokomo Brass Works. (See Stiles, Eugene A., assignor.)
Kolarik, Frank, Manitowoc County, Wis. Self-feeder for feed cutters. 1,455,402; May 15.
Kolb, Alfred R., San Francisco, Calif. Apparatus for purifying gases. 1,448,126; Mar. 13.

Kolb, Fred A., Newark, N. J. Decorating leather or similar material. 1,470,535; Oct. 9.
Kolb, Frederick A., Newark, N. J. Leather or similar article of manufacture. Des. 62,046; Mar. 6.
Kolb, Otto H., Philadelphia, Pa. Filling device for batteries and the like. 1,457,079; May 29.
Kolbe, John L., Wauwatosa, Wis. Tag holder. 1,443,224; Jan. 23.
Kolberg, Gustaf L., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Pump valve. 1,476,985; Dec. 11.
Kolczewski, Stephen W., Buffalo, N. Y. Device for catching mail and fuel by an airplane in flight. 1,458,710; June 12.
Kolkin, Torjus, Vadheim, in Sogn, Norway. Electrode for electrolyzing fused materials. 1,449,008; Mar. 20.
Koll, Ernst, Chicago, Ill. Miter clamp. 1,442,076; Jan. 16.
Kollar, George J., Whiting, Ind. Bath device. 1,451,878; Apr. 17.
Kollberg, Gustaf L., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Pump. 1,450,901; Apr. 3.
Kolle, Wilhelm, Frankfort-on-the-Main, assignor to Farbwerke vorm. Meister Lucius & Brüning, Hochst-on-the-Main, Germany. Preparing arseno compounds which are stable in solution. 1,454,748; May 8.
Kolling, Henry C., and W. McGill, Wichita, Kans. Adjustable track. 1,455,293; May 15.
Kollmer, Dominik, Chicago, Ill. Apartment house. 1,454,241; May 8.
Kollmorgen, Frederick L. G., Mountain Lakes, N. J. Optical instrument. 1,458,137; June 12.
Kollmorgen, William J., and R. L. Zerby, South Bend, Ind. Periodical publication. 1,471,489; Oct. 23.
Kollock, George L., and R. P. Martin, assignors to Electric Hammer Company, Seattle, Wash. Electric hammer. 1,464,824; Aug. 14.
Kollstede, George, Providence, R. I., assignor to V. E. Black Company Incorporated. Beauty box. 1,443,542; Jan. 30.
Kollstede, George, Providence, R. I., assignor to V. E. Black Company Incorporated. Cuff button. 1,443,543; Jan. 30.
Kollstede, George, Providence, R. I., assignor to V. E. Black Company, Incorporated. Cuff button. 1,478,231; Dec. 18.
Kölsch, Reinhard, assignor to the Firm Louis Kuppenheim, Pforzheim, Germany. Link-forming mechanism. 1,446,508; Feb. 27.
Kolsky, George, Mamaroneck, N. Y. Preparing oxalic acid. 1,446,012; Feb. 20.
Kolster, Frederick A., Washington, D. C. Radio method and apparatus. 1,447,165; Feb. 27.
Kolster, Frederick A., Washington, D. C., assignor of one-third to C. D. Ehret, Philadelphia, Pa. Radio-receiving method and apparatus. 1,464,322; Aug. 7.
Kominz, Jacob S., Rochester, N. Y. Nonskid attachment for vehicle wheels. 1,453,276; May 1.
Komnenus, Angelos, New York, N. Y., assignor of one-half to E. O'Day, Deal, N. J. Wrench. 1,454,444; May 8.
Komorous, Joseph. Riverside, assignor to Parisian Novelty Company, Chicago, Ill. Thermometer. 1,471,036; Oct. 16.
Komorous, Joseph, Riverside, assignor to Parisian Novelty Company, Chicago, Ill. Support for thermometers. 1,471,037; Oct. 16.
Kompak Company, The. (See Long, Herbert J., assignor.)
Komstohk, Thomas H. (See Brown, Brazelton T., assignor.)
Komusin, Helene, geb. Liedtke, Berlin, Germany. Rolling stamp with counting mechanism for various printing purposes. 1,465,915; Aug. 21.
Komusin, Helene, geb. Liedtke, Berlin, Germany. Rolling stamp with counting device for various printing purposes. 1,470,928; Oct. 16.
Konar, John, Chicago, Ill. Link-joint-connecting rod. 1,458,345; June 12.
Kondrad, Piotr, Wilkes-Barre, Pa. Lock. 1,455,294; May 15.
Konefes, Joseph H., Chicago, Ill. Bottle feeding and guiding device. 1,454,931; May 15.
Konetsky, John R., assignor to Reliance Trailer & Truck Co., Inc., San Francisco, Calif. Axle, spring, and steering-knuckle assembly. 1,465,605; Aug. 21.
Kongsrud, Ole, Minneapolis, Minn. Brake head and shoe for railway cars. 1,451,914; Apr. 17.
König, Adolf, Hoboken, N. J., assignor to H. K. Lorentzen, New York, N. Y. Method of and apparatus for making saws or saw blades. 1,473,374; Nov. 6.
König, Albert, assignor to the Firm Carl Zeiss, Jena, Germany. Telemeter. 1,475,706; Nov. 27.
König, Paul. (See Winkler, J., and König.)
Konigsberg, Joseph H., and L. Klein, New York, N. Y. Foldable sled. 1,440,784; Jan. 2.
Konigslow, Otto, Manufacturing Company. (See Konigslow, Otto, assignor.)
Konigslow, Otto, Manufacturing Company. (See Konigslow, Otto, sr., assignor.)
Konigslow, Otto, assignor to Otto Konigslow Manufacturing Company, Cleveland, Ohio. Stamped metal lever. 1,449,611; Mar. 27.
Konigslow, Otto, sr., assignor to Otto Konigslow Manufacturing Company, Cleveland, Ohio. Brake-band fitting. 1,456,605; May 29.
Konigslow, Otto, sr., assignor to Otto Konigslow Manufacturing Company, Cleveland, Ohio. Brake-band fitting. 1,456,606; May 29.
Koning, Klaas F., The Hague, Netherlands. Wheel tire. 1,473,565; Nov. 6.
Konklin, Henry C., Knox, Ind. Nose ring. 1,474,783; Nov. 20.
Konklin, Henry C., Knox, Ind. Hog ring. 1,474,784; Nov. 20.
Konrad, Otto, Oshkosh, Wis. Foldable disappearing bed. 1,448,127; Mar. 13.
Kontsek, Albert, Meadowlands, Pa. Loosening (opening) tin plates for cold rolling. 1,467,859; Sept. 11.
Konyves, Coloman. (See Toth, L., Konyves, and Strieffler.)
Koon, Arthur J., J. Hoogerhyde, and J. E. Collins, Grand Rapids, Mich.; said Koon assignor to said Hoogerhyde and said Collins. Connecting-rod-testing appliance. 1,460,548; July 3.
Koon, James H., Onarga, Ill. Stock car. 1,455,006; May 15.
Koonce, Clifton E., Coalinga, Calif. Steam turbine. 1,460,330; June 26.
Koontz, Edward E., et al. (See Dungan, John E., assignor.)
Koontz, Frank W. (See Helscher, C., and Koontz.)
Koontz, Victor R., assignor to The Victor Tool Company, Waynesboro, Pa. Die head. 1,456,805; May 29.
Kooper Damper Co. (See Cooper, Thomas S., jr., assignor.)
Koos, Lawrence E., Toledo, Ohio. Commutator for dynamo-electric machines. 1,472,023; Oct. 23.
Koot, Wilhelmus, Utrecht, Netherlands. Safety locking device. 1,456,852; May 29.
Kootz, Arthur C. (See Kootz, William and A. C.)
Kootz, William, and A. C., assignors to The Gem Hammock and Fly Net Company, Milwaukee, Wis. Mop. 1,470,014; Oct. 9.
Kopf, Emil A., Newark, N. J., assignor to The Singer Manufacturing Company. Hinge. 1,442,156; Jan. 16.
Kopf, Joseph B., Rockville Center, N. Y. Hopple. 1,455,341; May 15.
Kopf, Melrose G., assignor to The McCormick Laboratories Company, Dayton, Ohio. Primer and auxiliary fuel device for internal-combustion engines. 1,448,752; Mar. 20.
Kopp, Arlie E., New Middletown, Ind. Ratchet plate and die. 1,450,211; Apr. 3.
Kopp, Hugo, New York, N. Y. Fraud-prevention means for gasoline pumps. 1,475,707; Nov. 27.
Kopp, Nicholas, Pittsburgh, Pa. Shade for lighting fixtures. Des. 62,573; June 26.
Kopp, Nicholas, Pittsburgh, Pa. Shade for lighting fixtures. Des. 62,574; June 26.
Kopp, Ottmar H., Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Selective switch. 1,464,078; Aug. 7.
Kopp, William, assignor to Joseph N. Smith & Co., Detroit, Mich. Mechanical window lift. 1,453,845; May 1.
Koppelman, Morris. (See Mann, L., and Koppelman.)
Koppelman, Morris, Brooklyn, N. Y., assignor to Holed Tite Egg Packing Corporation. Shipping container for fragile articles. 1,445,772; Feb. 20.
Koppelman, Morris, Brooklyn, N. Y., assignor to Holed Tite Egg Packing Corporation. Carton for fragile articles. 1,445,773; Feb. 20.
Koppelman, Morris, Brooklyn, N. Y., assignor to Holed Tite Egg Packing Corporation. Package and packaging method. 1,445,774; Feb. 20.
Koppenhafer, Floyd, Shinrock, Ohio. Vehicle direction indicator. 1,458,711; June 12.
Kopperl, Joseph I. (See Reilly, Frank C., assignor.)
Koppers Company, The. (See Bird, Eugene H., assignor.)
Koppers Company, The. (See Espenhahn, Edward V., assignor.)
Koppers Company, The. (See Sperr, Frederick W., jr., assignor.)
Koppers Company, The. (See Van Ackeren, Joseph, assignor.)
Koppers Development Corporation, The. (See Koppers, Heinrich, assignor.)
Koppers, Heinrich, Essen-Ruhr, Germany, assignor to The Koppers Development Corporation, Pittsburgh, Pa. Desulphurization of iron and steel. 1,471,401; Oct. 23.
Koppman, Charles, New York, N. Y., assignor to The Capanhat Co. Inc. Cap. 1,466,475; Aug. 28.
Koprowicz, Jan, Brooklyn, N. Y., assignor of one-half to M. Augustynowski, Passaic, N. J. Washstand. 1,446,509; Feb. 27.
Kops Brothers, Inc. (See Kops, Daniel, assignor.)
Kops, Daniel, assignor to Kops Brothers, Inc., New York, N. Y. Apparel corset. 1,458,767; June 12.
Kops, Daniel, assignor to Kops Brothers, Inc., New York, N. Y. Apparel garment. 1,468,475; Sept. 18.
Kops, Daniel, assignor to Kops Bros. Inc., New York, N. Y. Apparel garment. 1,478,232; Dec. 18.
Kops, Daniel, assignor to Kops Bros. Inc., New York, N. Y. Apparel garment. 1,478,233; Dec. 18.

Alphabetical list of patentees—Continued.

Korba, Alex, Houston, Pa. Rail chair. 1,468,532; Sept. 18.
Korber, William J., Chicago, Ill. Stair construction. 1,467,900; Sept. 11.
Korée, Jean U. (See Malluk, A. M., and Korée.)
Koretsky, Harry M. (See Teitelbaum, Boris H., assignor.)
Koretzky, Harry M., New York, N. Y. Flash light. 1,451,618; Apr. 10.
Koretzky, Harry M., New York, N. Y. Terminal for dry batteries. 1,460,969; July 3.
Korn, Joseph, Newark, N. J. Grease-retaining device for hats. 1,450,181; Apr. 3.
Korn, Maximilian, Teaneck, N. J. Roof truss. 1,466,174; Aug. 28.
Kornblum, Morris, Brooklyn, N. Y. Combined lamp shade and stand. Des. 61,931; Feb. 13.
Kornblum, Morris, Brooklyn, N. Y. Combined lamp shade and stand. Des. 62,026; Mar. 6.
Kornblum, Morris, Brooklyn, N. Y. Combined lamp shade and stand. Des. 62,239; Apr. 24.
Körner, Heinrich, Breslau, Germany. Tool for cleaning the interior of tubes. 1,442,670; Jan. 16.
Kornofyl, Danko. (See Bindas, Mike, assignor.)
Korns, Lewis F., Minneapolis, Minn. Key ring and the like. 1,462,205; July 17.
Korp, Claudia, Robinson, Ill. Auxiliary bed. 1,442,157; Jan. 16.
Korpelainen, Kelle. (See Morrison, W. E., and Korpelainen.)
Korrectolite Company, Inc. (See Oliver, Eben F., assignor.)
Korten, Ernest, Sunbury, Pa., assignor to Susquehanna Silk Mills, New York, N. Y. Bunch builder. 1,451,073; Apr. 10.
Korthäuer, Theodor, Siemensstadt, near Berlin, Germany, assignor to Automatic Electric Company, Chicago, Ill. Telephone-exchange system. 1,470,451; Oct. 9.
Korvin-Kroukovsky, Boris V., Berkeley, Calif. Internal-combustion engine. 1,440,685; Jan. 2.
Kosakoff, William. (See Brezin, J., and Berzon, assignors.)
Kosakoff, William, et al. (See Berzon, Louis, assignor.)
Kosín, Julius, Cleveland, Ohio. Stacker for thrashing machines. 1,462,289; July 17.
Kosatka, Frank V., and E. Stepkal, Cicero, Ill. Hairpin. 1,471,612; Oct. 23.
Kosch, John S. (See Biver, J., and Kosch.)
Koshollek, Alois J. (See Koshollek, Emil J. and A. J.)
Koshollek, Emil J. and A. J., Stevens Point, Wis. Bullet. 1,447,478; Mar. 6.
Kosienski, Stanlisous, Vernon, N. Y. Staple. 1,466,533; Aug. 28.
Kositzky, Carl R., Bismarck, N. Dak. Automobile turning signal. 1,463,425; July 31.
Koski, Matt W., Cosmopolis, Wash. Neutralizer for governor-controlled indicators. 1,442,726; Jan. 16.
Koski, Matt W., Raymond, Wash. Nut lock. 1,443,992; Feb. 6.
Koski, Matt W., Raymond, Wash. Time and speed recording means. 1,466,050; Aug. 28.
Kosman, Josef, Maspeth, N. Y. Draft-controlling damper. 1,470,326; Oct. 9.
Kosmann, Julius L. (See Howe, G. A., and Kosmann.)
Koss, William E., Evanston, assignor to F. A. Brown, Wilmette, Ill. Cap for receptacles. 1,463,145; July 24.
Koster, Eugene T., Yonkers, N. Y. Automobile lamp and cigar lighter. 1,443,993; Feb. 6.
Köster, Felix, administrator. (See Knubel, Anton.)
Kostlan, Frank, Traer, Iowa. Air-tube post. 1,446,648; Feb. 27.
Kostohryz, Joseph. (See Schorik, Frank, assignor.)
Kotarski, Anthony N., Kingston, Pa. Nonskidding chain for vehicle wheels. 1,445,694; Feb. 20.
Kothe, Charles A., Galion, Ohio, assignor of one-third to C. James, Youngstown, Ohio, and one-third to W. Schlafge, Meadville, Pa. Flue blowing and testing device. 1,466,450; Aug. 28.
Kotkas, Rudolph, Portland, Oreg. Circuit closer. 1,445,619; Feb. 13.
Kotlik, Joseph E., Hamburg, N. Y. Roundabout. 1,457,035; May 29.
Kott, Michael, New York, N. Y. Cooking device. 1,460,248; June 26.
Kottas, Arthur, Vienna, Austria. Magazine firearm. 1,451,339; Apr. 10.
Kotter, Theodore F., Hollis, N. Y. Toy clown. Des. 63,232; Nov. 6.
Kottusch, Emil, Greenville, Miss. Piston ring. 1,477,368; Dec. 11.
Kotun, Michael, New Geneva, Pa. Collapsible table and chair. 1,445,090; Feb. 13.
Kotzebue, Meinhard H., assignor of one-half to G. S. Berry and one-half to L. N. Butts, Tulsa, Okla. Electric clipper. 1,469,654; Oct. 2.
Kourtzman, Per A., Vartan, near Stockholm, Sweden. Rail joint. 1,471,613; Oct. 23.
Kovach, John, East Chicago, Ind. Sand cleaner. 1,448,596; Mar. 13.
Kovach, John J., Nemacolin, Pa. Spring wheel. 1,443,478; Jan. 30.
Kovachy, Julius M. (See Hageman, A. M., and Kovachy.)
Kovacs, Joseph J., Orange, N. J. Lens-grinder attachment. 1,452,917; Apr. 24.
Kovács, Theodor, Berlin, Germany. Filling device with rubber cap for fountain pens. 1,447,790; Mar. 6.
Kovar, J. C. (See Mokracek, Ralph A., assignor.)
Kovar, John H., Worcester, J. F. Schimek, Holden, Mass., and A. Cavedon, Woonsocket, R. I., assignors to Cashiko Machine Company, Worcester, Mass. Condensing apparatus for carding machines. 1,469,005; Sept. 25.
Kovar, John R. (See Kovar, Joseph J. and J. R.)
Kovar, Joseph J. and J. R., Owatonna, Minn.; said Joseph J. Kovar assignor to said J. R. Kovar. Potato digger. 1,454,175; May 8.
Kovatch, Frank, Omaha, Nebr. Spring snare. 1,445,892; Feb. 20.
Kowalsky, Andrew, Oak Park, Ill., assignor to International Harvester Company. Metallic wheel for implements and vehicles. 1,477,369; Dec. 11.
Kowalsky, Olga A., New York, N. Y. Douche or bedpan. 1,445,836; Feb. 20.
Kowalsky, Rudolf A., assignor to American Wringer Company, Woonsocket, R. I. Waterboard for wringing machines. 1,451,664; Apr. 10.
Kowitz, Herman H. (See Sinkula, F. J., and Kowitz.)
Kozelek, Louis, Schenectady, N. Y. Violin. Des. 62,104; Mar. 20.
Kozelek, Louis, Schenectady, N. Y. Violin. Des. 62,105; Mar. 20.
Kozelek, Louis, Schenectady, N. Y. Violin. Des. 62,106; Mar. 20.
Kozelek, Louis, Schenectady, N. Y. Violin. Des. 62,107; Mar. 20.
Koziel, John, Rothschild, Wis. Grinding machine. 1,475,495; Nov. 27.
Kozisek, Jaroslav. (See Türk, O., and Kozisek.)
Kozlay, Clarence V., assignor to S. Stroock & Company, Inc., New York, N. Y. Textile fabric. Des. 62,529; June 12.
Kozloff, Vasil R., New York, N. Y. Garment supporter. 1,466,020; Aug. 28.
Kozlowski, Martin, Masontown, Pa. Knife guard. 1,474,722; Nov. 20.
Kozma, Andy, Lovilia, Iowa. Belt buckle. 1,478,965; Dec. 25.
Kraber, George L., Portland, Oreg., assignor, by mesne assignments, to The Cleveland Industrial Development Company, Cleveland, Ohio. Portable planer. 1,478,569; Dec. 25.
Kracht, Henry J., Gregory, S. Dak. Manure loader. 1,443,416; Jan. 30.
Kraemer, Otto J., Portland, Oreg. Combined reading guide, paper cutter, and bookmark. 1,461,395; July 10.
Kraennig, Oscar C., and J. M. Reiter, Green Bay, Wis. Tail-light and license-plate holder for vehicles. 1,467,798; Sept. 11.
Kraeuter, Arthur A., South Orange, N. J., assignor to Kroydon Co. Golf club. 1,455,256; May 15.
Kraeuter, Richard G., Irvington, N. J. Mucilage receptacle. 1,447,213; Mar. 6.
Krafft, Bruno A., San Francisco, Calif. Safety cover for cooking vessels. 1,468,908; Sept. 25.
Kraft, Carl. (See Mautner, Oscar, assignor.)
Kraft, Edward, Chicago, Ill. Dipping apparatus. 1,463,960; Aug. 7.
Kraft, Frederick G., and C. J. Bacon, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Spinneret. 1,453,048; Apr. 24.
Kraft, Henry P. (See Schweinert, M., and Kraft.)
Kraft, Henry P., Ridgewood, N. J. Vulcanizing valve. 1,442,226; Jan. 16.
Kraft, Henry P., Ridgewood, N. J. Vulcanizing valve. 1,451,025; Apr. 10.
Kraft, Henry P., Ridgewood, N. J. Pneumatic valve. 1,454,854; May 15.
Kraft, Henry P., Ridgewood, N. J. Safety device for bottles. 1,457,706; June 5.
Kraft, Henry P., Ridgewood, N. J. Pressure gauge. 1,460,249; June 26.
Kraft, Henry P., Ridgewood, N. J. Valve cap. 1,460,250; June 26.
Kraft, Henry P., Ridgewood, N. J. Sheet-metal nut. 1,466,176; Aug. 28.
Kraft, Henry P., Ridgewood, N. J. Dust cap for tire valves. 1,467,484; Sept. 11.
Kraft, Henry P., Ridgewood, N. J. Tire valve. 1,469,927; Oct. 9.
Kraft, Henry P., Ridgewood, N. J. Deflating valve cap. 1,478,610; Dec. 25.
Kraft, Henry P., Ridgewood, N. J., assignor to A. Schrader's Son, Incorporated, Brooklyn, N. Y. Closure for ice bags. 1,459,735; June 26.
Kraft, Herman T., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Inflating mechanism for aircraft. 1,475,304; Nov. 27.
Krag, Erik L., assignor of one-half to F. K. Krag, Chicago, Ill. Binder. 1,440,394; Jan. 2.
Krag, Franz K. (See Krag, Erik L., assignor.)
Krahmer, Edward G. (See Manlet, Peter L., assignor.)
Krahn, Alvin W., Milwaukee, Wis. Pressure regulating and releasing apparatus for wringers. 1,460,423; July 3.

Krahn, Alvin W., Milwaukee, Wis. Wringer mechanism. 1,477,503; Dec. 11.
Krajeski, Louis, Chicago, Ill. Adjustable license-plate support. 1,464,283; Aug. 7.
Krakan, Frank G., Pittsburgh, Pa. Automobile spring. 1,461,274; July 10.
Krakan, Frank G., Pittsburgh, Pa. Radiator. 1,464,269; Aug. 7.
Krakauer, Phillip, New York, N. Y. Spring pad. 1,465,766; Aug. 21.
Kralund, John, and C. H. Duckworth, assignors to Doehler Die Casting Company, Brooklyn, N. Y. Die-casting apparatus. 1,442,479; Jan. 16.
Kralund, John, and C. H. Duckworth, assignors to Doehler Die Casting Company, Brooklyn, N. Y. Die-casting apparatus. 1,476,257; Dec. 4.
Kramer, Andrew A. (See Gallagher, Charles R., assignor.)
Kramer, Andrew A., Kansas City, Mo. Partition support and surge plate. 1,462,347; July 17.
Kramer, Andrew A., Kansas City, Mo. Tank construction. 1,466,175; Aug. 28.
Kramer, Andrew A., Kansas City, Mo. Vehicle body. 1,469,320; Oct. 2.
Kramer, Andrew A., Kansas City, Mo. Tank roof. 1,469,321; Oct. 2.
Kramer, Benjamin. (See Kramer, Nathan and B.)
Kramer, Emil M., Morton, assignor to Power Transmitting Company, organized under declaration of trust, Peoria, Ill. Transmission. 1,474,971; Nov. 20.
Kramer, Erwin, Dentz, near Cologne, and L. Zeh, Wiesdorf, near Cologne, assignors to Farbenfabriken vorm. Friedr. Bayer and Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Sulphur dye. 1,449,681; Mar. 27.
Kramer, George W., Chicago, Ill. Waterproofing composition and making the same. 1,460,251; June 26.
Kramer, Joseph P., Madera, Calif. Water cooler. 1,467,436; Sept. 11.
Kramer, Le Roy, Toledo, Ohio, and A. Boome, Chicago, Ill. Stop device for lathes. 1,467,175; Sept. 4.
Kramer, Le Roy, Toledo, Ohio, and A. Boome, Chicago, Ill. Tool mounting for lathes. 1,467,176; Sept. 4.
Kramer, Nathan and B., assignors to Trenton Auto Radiator Works, Trenton, N. J. Automobile radiator. 1,448,451; Mar. 13.
Kramer, Nathan and B., assignors to Trenton Auto Radiator Works, Trenton, N. J. Automobile radiator. 1,460,852; July 3.
Kramer, Ralph H., Chicago, Ill. Dress form. 1,447,866; Mar. 6.
Kramer, Rudolph, Sheyenne, N. Dak. Air-circulating system. 1,456,699; May 29.
Kramer, Samuel, Newark, N. J. Vehicle wheel. 1,459,736; June 26.
Kramer, William P., Saginaw, Mich. Automobile workstand. 1,443,268; Jan. 23.
Kramer, Wm. C., trustee. (See Young, Sanford C., assignor.)
Kramp, Arthur M., L. F. Peters, and E. J. Rathsack, Milwaukee, Wis. Feed collet. 1,473,188; Nov. 6.
Krantz, Hermann, Memmingen, Germany. Refining organic matter used as manure. 1,459,059; June 19.
Krantz, Joseph A., assignor to The Reeves Manufacturing Company, Dover, Ohio. Machine for forming eaves troughs. 1,466,051; Aug. 28.
Kranz, Ernest E., Kirley, S. Dak. Mowing-machine attachment. 1,464,430; Aug. 7.
Kranz, Harry W., assignor to The Hydraulic Steel Company, Cleveland, Ohio. Tire base and making same. 1,441,004; Jan. 2.
Kranz, Harry W., assignor to The Hydraulic Steel Company, Cleveland, Ohio. Method and apparatus for shaping and trimming brake drums. 1,457,579; June 5.
Kranz, Harry W., assignor to The Hydraulic Steel Company, Cleveland, Ohio. Disk wheel. 1,470,626; Oct. 16.
Kranz, Harry W., and J. Lukes, assignors to The Hydraulic Pressed Steel Company, Cleveland, Ohio. Clamp for welding-machine attachments. 1,458,138; June 12.
Kranz, Harry W., and J. Lukes, assignors to The Hydraulic Pressed Steel Company, Cleveland, Ohio. Fluid-operated band-punching machine. 1,468,788; Sept. 25.
Kranzl, Leopold, Seattle, Wash. Milk-bottle handle. 1,461,621; July 10.
Krape, Rudolph D. (See Hamilton, W. S. H., and Krape.)
Krase, Herbert J., Clarendon, Va., and Jew Yam Yee, Washington, D. C. Hydrated calcium nitrate and making same. 1,475,492; Nov. 27.
Krase, Norman W., Clarendon, Va., and V. L. Gaddy, Dillon, S. C. Condenser. 1,463,216; July 31.
Krasilnikoff, Anthony, New York, N. Y. Squib-lighting device. 1,477,129; Dec. 11.
Krasner, Nathan, New York, N. Y. Phonograph cabinet. Des. 63,187; Oct. 30.
Krathwohl, Charles W., Chicago, Ill. Stepladder. 1,460,252; June 26.
Krathwohl, Charles W., Chicago, Ill. Stepladder. 1,474,266; Nov. 13.
Kratochvil, John, Maywood, Ill., assignor to American Can Co., New York, N. Y. Safety device for punch presses and the like. 1,443,791; Jan. 30.
Kratochvil, Joseph, Chicago, Ill. Mechanism for operating railway-crossing gates. 1,460,912; July 3.
Kratsch, Charles, et al. (See Erickson, Albert, assignor.)
Kratz, August W., jr., Chicago, Ill., assignor to Lovell Manufacturing Company, Erie, Pa. Safety device for power-driven wringers. 1,474,045; Nov. 13.
Kratz, Edwin E., assignor of one-tenth to L. A. Weiss, Kansas City, Mo. Fountain pen. 1,448,452; Mar. 13.
Kratz, Franz, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Elastic Oldham coupling. 1,463,396; July 31.
Kraus, Charles H., Buffalo, N. Y. Infant's bed for automobiles. 1,449,419; Mar. 27.
Kraus, Louis P., jr., New York, N. Y. Making refractory products. 1,453,468; May 1.
Krausch, Walter T., La Grange, and E. F. Weber, Chicago, Ill. Rail drill. 1,445,837; Feb. 20.
Krause, Albert F., assignor to General Specialty Company, Buffalo, N. Y. Boiler-tube cleaner. 1,463,587; July 31.
Krause, Anton, Cleveland, Ohio. Attachment for liquid containers. 1,465,013; Aug. 14.
Krause, Arthur E., Mountain Lakes, N. J. Record container. 1,441,860; Jan. 9.
Krause, Edward, Colfax, Wis. Speed governor for tractors. 1,446,051; Feb. 20.
Krause, John J., Portage, Pa. Ship siren. 1,459,220; June 19.
Krause, Leo, New York, N. Y. Bulletproof armor. 1,465,767; Aug. 21.
Krause, Lou, New York, N. Y., assignor to Slyt Edge Company, Inc. Means for making fringe for ladies' hats. 1,459,472; June 19.
Krause, Louis. (See Larrús, H., and Krause.)
Krause, Robert J., Japatul, Calif. Sealing ring. 1,451,225; Apr. 10.
Krause, Walter, Friesack, Germany. Irrigation system. 1,472,799; Nov. 6.
Krause, Walter, Friesack, Germany. Pipe joint. 1,474,155; Nov. 13.
Krause, Walter, Friesack, Germany. Irrigation system. 1,478,234; Dec. 18.
Krause, Walter J., Chicago, Ill. Hydrocarbon burner. 1,474,677; Nov. 20.
Krause, William E. (See Schulz, J. H., and Krause.)
Krause, William P., assignor to Hanna Engineering Works, Chicago, Ill. Molding machine. 1,459,221; June 19.
Krauss, Charles A., Philadelphia, Pa. Bail for receptacles. 1,452,562; Apr. 24.
Krauss, Leopold, Indianapolis, Ind. Masonic ring. Des. 62,488; June 12.
Krautblatt, Harry, assignor of one-third to F. S. Russell and one-third to S. Sestak, Chicago, Ill. Automatic ingot feeder. 1,476,086; Dec. 4.
Krauth, Albert, deceased, Hamilton, Ohio; F. G. Diesbach, administrator. Autographic register. 1,440,877; Jan. 2.
Krauth & Benninghofen. (See Schlichter, Oscar, assignor.)
Kray, Elmer P., Los Angeles, Calif. Valve replacer. 1,457,175; May 29.
Kreager, William A. J., Pueblo, and J. T. Powers, Denver, Colo. Apparatus for clearing oil wells of clogging material. 1,449,420; Mar. 27.
Krebitz, Peter, Munich, Germany. Recovering the residual soap from carbonate-of-lime sludge. 1,459,773; June 26.
Krebs, Adolf, Jamaica Plain, Mass. Method and appliance useful in producing welded joints. 1,475,189; Nov. 27.
Krebs, Charles, Newark, N. J. Device for separating and repairing chains. 1,445,326; Feb. 13.
Krebs, Charles H., Milwaukee, Wis., assignor to Krebs Safety Razor Corporation, Chicago, Ill. Safety razor. 1,465,274; Aug. 21.
Krebs Safety Razor Corporation. (See Krebs, Charles H., assignor.)
Krecisz, John, Chicago, Ill. Joiner's plane. 1,446,907; Feb. 27.
Kree, Paul M., New York, N. Y. Electrolysis apparatus. 1,445,961; Feb. 20.
Kree, Paul M., New York, N. Y., and F. Dauteuil, Dumont, N. J. Automatic stop and start for phonographs. 1,457,036; May 29.
Kreeger, Frederick R., East Cleveland, Ohio. Implement holder. 1,466,737; Sept. 4.
Krefl, Victor, Two Rivers, Wis. Shock absorber. 1,461,915; July 17.
Kreh, Henry M., Haddon Heights, N. J. Humidor. 1,472,478; Oct. 30.
Krehbiel, Jacob C., Moundridge, Kans. Fork and shovel attachment. 1,442,671; Jan. 16.
Krěhlik, Albert, Cleveland, Ohio. Adjusting mechanism for transmission bands. 1,461,916; July 17.
Kreimer, William J., St. Louis, Mo. Air compressor. 1,451,834; Apr. 17.
Kreipe, Theodore, Floral Park, assignor to V. E. Freeman and L. P. Whitaker, New York, N. Y. Flax-harvesting machine. 1,459,060; June 19.
Kreipel, Leo J., Baltimore, Md. Tool-head-securing means. 1,445,519; Feb. 13.
Kreisheld, Henry, Mansfield, Ohio, assignor to Westinghouse Electric Products Company. Contact terminal. 1,451,548; Apr. 10.

Kreisinger, Henry, Pittsburgh, Pa., assignor to Combustion Engineering Corporation. Burning pulverized fuel. 1,463,283; July 31.
Kreissl, Frank N., Chicago, Ill., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 1,451,735; Apr. 17.
Kreissle, Hermann O., assignor to Ansbacher Motorenfabrik Karl Bachmann Aktiengesellschaft, Ansbach, Germany. Trailer. 1,450,554; Apr. 3.
Kreitzer, Harry R., Seattle, Wash. Wall construction. 1,456,063; May 22.
Krejci, John J., Columbus, Ohio. Wrist pin. 1,441,729; Jan. 9.
Krell, George, Kansas City, Mo. Well-casing elevator. 1,446,568; Feb. 27.
Krenke, Otto, Port Huron, Mich. Hose reel. 1,441,157; Jan. 2.
Krentler-Arnold Hinge Last Company. (See Krentler, Walter A., assignor.)
Krentler, Walter A., Detroit, Mich., assignor to Krentler-Arnold Hinge Last Company, Detroit, Mich. Combined link and hinge last. 1,459,061; June 19.
Krentler, Walter A., assignor to Krentler-Arnold Hinge Last Company, Detroit, Mich. 1,460,358; June 26.
Krentz, Charles J., and G. W. Krentz, Buffalo, N. Y. Attachment for radiator caps and the like. 1,458,346; June 12.
Krentz, George W. (See Krentz, Charles J. and G. W.)
Krenz, Walter F., Mendota, Ill. Clutch lock. 1,447,348; Mar. 6.
Kress, Claude W., New York, N. Y. Display window. 1,451,778; Apr. 17.
Kress, Oscar W., Waterloo, Iowa. Hypodermic needle. 1,465,851; Aug. 21.
Kresser, Leo, Springfield, Mass. Oil burner. 1,470,379; Oct. 9.
Kretzer, Nicholas A., Louisville, Ky. Lock-handle mounting. 1,443,544; Jan. 30.
Kreuser, Edwin H., Kenosha, Wis. Clothesline pole. 1,476,623; Dec. 4.
Kreutz, Vernon C., assignor of one-half to E. B. Wheat, Portland, Oreg. Apparatus for and process of automatically percolating a fresh quantity of coffee for each one drawn from an urn. 1,457,037; May 29.
Kreutz, Vernon C., assignor of one-half to E. B. Wheat, Portland, Oreg. Automatic percolator. 1,470,584; Oct. 9.
Kreutzberg, Otto A., Lake Bluff, Ill. Pulverizing apparatus. 1,478,478; Dec. 25.
Kreutzberger, Paul L. G., and P. Germain, Bellevue-Meudon, France. Process and apparatus for burning heavy hydrocarbons. 1,473,566; Nov. 6.
Kreutzer, Adolf C. (See Jones, J. C., and Kreutzer.)
Kreutzer, George A., and K. L. Long, Lincoln, Nebr.; N. C. Long executrix of said K. L. Long. Combined stove and humidifier. 1,472,396; Oct. 30.
Kreutzer, Theodor E., assignor to The Home Comfort Heater Co., Philadelphia, Pa. Gas heater for furnaces, stoves, or apartments. 1,462,643; July 24.
Krey, August G. D., Wagner, S. Dak. Stock-watering fountain. 1,477,223; Dec. 11.
Krey, Carl, Battle Creek, Mich. Automobile bed. 1,456,384; May 22.
Kribben, Ludwig, et al. (See Wesolik, Joseph, assignor.)
Krichbaum, William F., Irvington, N. J. Automatic air valve for internal-combustion engines. 1,463,532; July 31.
Krick, Arthur E., Indianapolis, Ind. Vacuum pump. 1,472,874; Nov. 6.
Krick, Daniel A., Chicago, Ill. Combination tail light and signaling device. 1,462,969; July 24.
Kridler, Bernie C., assignor to The Shingle Lock Company, Flint, Mich. Roofing shingle. 1,464,366; Aug. 7.
Kridler, Bernie C., assignor to The Shingle Lock Company, Flint, Mich. Anchoring clip for roofing shingles and the like. 1,468,239; Sept. 18.
Kriegenhofer, August. (See Twitchell, Herbert E., assignor.)
Kriegerbeck, Václav, and J. Bautz, Prague, Czechoslovakia. Cinematographic apparatus. 1,464,284; Aug. 7.
Kriehn, Evelyn V., New York, N. Y. Brush. Des. 62,634; July 10.
Kriesel, (Mrs.) Gustave F. (See Tillman, Joseph T., assignor.)
Krikava, James W., Myrtle, Minn. Binder. 1,472,010; Oct. 23.
Krischer, Max, and C. Rosenblum, Brooklyn, N. Y. Fastener for metal clips. 1,458,487; June 12.
Krisher, Bartlett, North Manchester, Ind. Clothes hamper. Des. 63,106; Oct. 2.
Kristofek, Frank J., assignor to Brown & Bigelow, St. Paul, Minn. Pen or pencil case. Des. 62,221; Apr. 17.
Kristofek, Frank J., assignor to Brown & Bigelow, St. Paul, Minn. Pen or pencil case. Des. 62,613; July 3.
Kristofek, Frank J., assignor to Brown & Bigelow, St. Paul, Minn. Pen or pencil case. Des. 62,614; July 3.
Kristofek, Frank J., assignor to Brown & Bigelow, St. Paul, Minn. Pen or pencil case. Des. 62,615; July 3.
Kristofek, Frank J., assignor to Brown & Bigelow, St. Paul, Minn. Miniature parking sign. 1,463,217; July 31.
Kristofek, Frank J., assignor to Brown & Bigelow, St. Paul, Minn. Display sign. 1,463,326; July 31.
Kristofek, Frank J., assignor to Brown & Bigelow, St. Paul, Minn. Cream separator. 1,469,221; Oct. 2.
Kritikson Bros., Inc. (See Barnes, Albert E., assignor.)
Kritikson Bros., Inc. (See Peters, Stanley E., assignor.)
Kritz and Bauer. (See Kritz, Frank, assignor.)
Kritz, Frank, assignor to Kritz and Bauer, Detroit, Mich. Windshield wiper. 1,456,316; May 22.
Kritzer, Isidor. (See Guttenstein, J., and Kritzer.)
Kriznar, Frank L., Denver, Colo. Combination switch and burglar alarm. 1,472,072; Oct. 30.
Kroch, Fritz, Leipzig, Germany. Flexible tube for conducting a cooling fluid between two refrigerator vats. 1,476,258; Dec. 4.
Kroedel, Robert, assignor to Eastman Kodak Company, Rochester, N. Y. Camera support. 1,460,816; July 3.
Kroeger, Edwin J., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Machine for grinding battery jars. 1,445,327; Feb. 13.
Kroehle, Oscar, Lakewood, assignor to The Protex Signal Company, Cleveland, Ohio. Pull-cable clip. 1,448,545; Mar. 13.
Kroehle, Oscar, Lakewood, assignor to The Protex Signal Company, Cleveland, Ohio. Front for a traffic-directing signal lamp. Des. 62,401; May 22.
Kroehle, Oscar, Lakewood, assignor to The Protex Signal Company, Cleveland, Ohio. Front for a traffic-directing signal lamp. Des. 62,402; May 22.
Kroehle, Oscar, Lakewood, assignor to The Protex Signal Company, Cleveland, Ohio. Front for a traffic directing signal lamp. Des. 62,403; May 22.
Kroepel, Emil W. (See Clark, R. K., and Kroepel.)
Kroesser, Ludwig J., Stoneham, Mass. Curtain-rod support. 1,461,855; July 17.
Kroff, Leonard D., assignor to First Trust and Savings Bank of Sterling, Sterling, Ill. Game board for baseball. 1,477,224; Dec. 11.
Krofft, Albert. (See Boyer, B. A., and Krofft.)
Krogh, Ferdinand W., San Francisco, Calif. Centrifugal conveyor. 1,441,589; Jan. 9.
Krogh, Schack A. S., and P. H. Pedersen, Copenhagen, Denmark. Recording analyzing apparatus for automatic analysis of gases. 1,474,097; Nov. 13.
Krohn, Julius J., Arcata, assignor to California Barrel Co., San Francisco, Calif. Manufacturing sawdust for grape packing. 1,449,862; Mar. 27.
Krohne, Charles A., Granite City, Ill. Carpenter's sash and door vise. 1,446,309; Feb. 20.
Krol, Andy, Uniontown, Pa. Newspaper easel. 1,454,028; May 1.
Krol, Andy, Uniontown, Pa. Animal trap. 1,459,027; June 19.
Kroll, Cornelius, Tulsa, Okla. Method of and apparatus for cracking petroleum products. 1,448,128; Mar. 13.
Kroll, Maurice J., assignor of one-half to H. Weiner, Utica, N. Y. Mop. 1,466,052; Aug. 28.
Krollage, Rudolph. (See Jones, M. A., Krollage, and Yeager.)
Krom, Chester F., St. Petersburg, Fla. Display cabinet. 1,447,349; Mar. 6.
Krombein, Henry, Oak Bank, Manitoba, Canada. Drive-wheel construction for tractors. 1,456,887; May 29.
Krone, Carl R., Oakland, Calif. Vehicle direction indicator. 1,469,090; Sept. 25.
Kronenberger, Ferdinand, New York, N. Y. Paper lock. 1,476,822; Dec. 11.
Kronenbitter, Frank E., Maywood, Ill. Grease gun. 1,469,308; Oct. 2.
Kronquest, Alfred L., Chicago, Ill., assignor to Continental Can Company, Syracuse, N. Y. Can-body maker. 1,475,399; Nov. 27.
Kronquest, Alfred L., Chicago, Ill., assignor to Continental Can Company, Inc., Syracuse, N. Y. Soldering mechanism for cans. 1,476,405; Dec. 4.
Kronstein, Pauline. (See Viehweger, August F. W., assignor.)
Kroonen, Leo, Corona, assignor to C. Donlon, Oxnard, Calif. Building construction. 1,451,340; Apr. 10.
Kropff, William, New York, N. Y. Bottle. Des. 62,995; Sept. 4.
Kropff, William, New York, N. Y. Bottle. Des. 62,996; Sept. 4.
Kropp, Charles A., River Forest, assignor of one-third to A. Nordstrom, Berwyn, and one-third to R. A. Kropp, River Forest, Ill. Die mounting. 1,462,556; July 24.
Kropp, Roy A., et al. (See Kropp, Charles A., assignor.)
Krotz, Alvaro S., Janesville, Wis., assignor to General Motors Corporation, Detroit, Mich. Driving lug for tractor wheels. 1,447,867; Mar. 6.
Krotz, Alvaro S., Janesville, Wis., assignor, by mesne assignments, to General Motors Corporation. Double-row cultivator. 1,454,120; May 8.
Krotz, Alvaro S., Janesville, Wis., assignor to General Motors Corporation, Detroit, Mich. Tractor cultivator attachment. 1,469,262; Oct. 2.
Krotz, Alvaro S., Janesville, Wis., assignor to General Motors Corporation, Detroit, Mich. Draft connection. 1,475,956; Dec. 4.
Kroutl, Emil, Budweis, Czechoslovakia. Holder for crayons or the like. 1,456,241; May 22.
Kroydon Co. (See Kraeuter, Arthur A., assignor.)
Krpata, Edward J., Higganum, Conn. Vehicle wheel. 1,456,451; May 22.

Kruckenberg, Franz F., Heidelberg, assignor to Luftfahrzeugbeau Schütte-Lanz, Mannheim-Rheinau, Germany. Ballast bag for air vessels. 1,454,589; May 8.
Krucks, Joseph E., Chicago, Ill. Molder's shoe. 1,445,962; Feb. 20.
Krueger, Carl R., Reno, Nev., assignor to General Electric Company. Sound-reproducing machine. 1,477,832; Dec. 18.
Krueger, Theodore H., New York, N. Y. Moistening device. 1,473,434; Nov. 6.
Krueger, Walter, assignor to H. O. Rugh, Chicago, Ill. Pocket mirror. 1,454,678; May 8.
Kruesheld, Henry, assignor to The Perfection Electric Products Co., New Washington, Ohio. Electric toaster. 1,454,056; May 8.
Kruesheld, Henry, New Washington, Ohio, assignor to The Perfection Electric Products Co. Electric cooking utensil. 1,459,539; June 19.
Krug, Theodore. (See Haunz, Charles F., assignor.)
Krug, William H., Oshkosh, Wis. Antiskid device for vehicles. 1,453,360; May 1.
Kruger, Cecil O., New Salem, N. Dak. String tip. 1,449,831; Mar. 20.
Kruger, Charles M., assignor to Parbee Manufacturing Company, St. Louis, Mo. Bung. 1,473,300; Nov. 6.
Kruger, Harry B. (See Robbins, Harold V., assignor.)
Kruger, Harry B. (See Stranders, Julien, assignor.)
Kruger, Karl F., Milton Junction, Wis. Attachment for farm-implement wheels. 1,444,795; Feb. 13.
Krüger, Paul, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Self-discharger. 1,441,933; Jan. 9.
Krüger, Paul, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Dumping wagon. 1,446,350; Feb. 20.
Krüger, Paul, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Gear for moving the bottoms of dumping receptacles. 1,474,785; Nov. 20.
Kruger, Paul W., Attala County, Miss. Composition of matter for filling root canals in teeth. 1,473,482; Nov. 6.
Kruk. Edward, Coplay, Pa. Shock absorber. 1,458,302; June 12.
Krump, Nic, Chicago, Ill. Bending brake. 1,442,810; Jan. 23.
Krump, Nic, Chicago, Ill. Trolley for suspended two-rail tracks. 1,445,893; Feb. 20.
Krump, Nic, Chicago, Ill. Bending brake. 1,448,130; Mar. 13.
Krump, Nic, Chicago, Ill. Crossover and doorway opening for suspended rail tracks. 1,466,365; Aug. 28.
Krump. Nic, Chicago, Ill. Automatically-opening switch. 1,471,490; Oct. 23.
Krupeany, John H., Rossford, Ohio. Plate-glass washing and cleaning apparatus. 1,448,062; Mar. 13.
Krupicka, Ella, New York, N. Y., assignor to Susquehanna Silk Mills. Textile fabric. Des. 61,914; Feb. 6.
Krupicka, Ella, New York, N. Y., assignor to Susquehanna Silk Mills. Textile fabric. Des. 61,915; Feb. 6.
Krupicka, Ella, New York, N. Y., assignor to Susquehanna Silk Mills. Textile fabric. Des. 61,916; Feb. 6.
Krupicka, Ella, assignor to Susquehanna Silk Mills, New York, N. Y. Textile fabric. Des. 62,456; June 5.
Krupicka, Ella, assignor to Susquehanna Silk Mills, New York, N. Y. Textile fabric. Des. 62,457; June 5.
Krupicka, Ella, assignor to Susquehanna Silk Mills, New York, N. Y. Textile fabric. Des. 62,458; June 5.
Krupp, Leo A., assignor to The Buckeye Traction Ditcher Company, Findlay, Ohio. Back-filling machine. 1,468,950; Sept. 25.
Kruschinsky, Fritz. (See Schaffer, W., and Kruschinsky.)
Kruse, Charlie, San Luis Obispo, Calif. Hydraulic transmission. 1,455,295; May 15.
Kruse, Edward W., Chicago, Ill. Reserve-supply device for gasoline tanks. 1,453,713; May 1.
Kruse, Ferdinand, Port Richmond, N. Y. Sausage-twisting machine. 1,446,122; Feb. 20.
Kruse, Ferdinand, Port Richmond, N. Y. Sausage-twisting device. 1,459,062; June 19.
Kruse, Ferdinand, Port Richmond, N. Y. Sausage linking and twisting device. 1,459,063; June 19.
Kruse, Ferdinand, Port Richmond, N. Y. Sausage-twisting device. 1,459,064; June 19.
Kruse, Ferdinand, Port Richmond, N. Y. Sausage-twisting device. 1,459,065; June 19.
Kruse, Ferdinand, Port Richmond, N. Y. Sausage-twisting device. 1,459,066; June 19.
Kruse, Ferdinand, Port Richmond, N. Y. Sausage-twisting machine. 1,459,067; June 19.
Kruse, Ferdinand, Port Richmond, N. Y. Method and machine for forming sausages. 1,459,069; June 19.
Kruse, Ferdinand, Port Richmond, N. Y. Meat press and ejector. 1,475,400; Nov. 27.
Kruse, Ferdinand, New York, N. Y. Sausage-twisting machine. 1,459,068; June 19.
Kruse, Herman, Jersey City, and W. C. Kruse, Union, N. J. Ink. 1,464,944; Aug. 14.
Kruse, William C. (See Kruse, Herman, and W. C.)
Krusee, Arthur W., Fort Morgan, Colo. Building construction. 1,447,868; Mar. 6.
Krusemark, Frederick A., assignor to K. F. & C. Tire & Rubber Corporation, Roanoke, Va. Cushion tire. 1,462,760; July 24.
Kruskopf, Hermann, Dortmund, Germany. Method of and means for extinguishing or smothering explosions in mines. 1,459,677; June 19.
Kruskopf, Hermann, Dortmund, Germany. Method of and means for extinguishing or suffocating explosions in mines. 1,476,624; Dec. 4.
Kruttschnitt, Julius, New Canaan, Conn. Reenforced-concrete railway tie. 1,458,945; June 19.
Kruttschnitt, Julius, New Canaan, Conn. Reenforced-concrete railway tie. 1,458,946; June 19.
Krysiak, John, Four Corners, Wyo. Motor sleigh. 1,463,042; July 24.
Krysztofiak, Josef, assignor to L'Aureole Co., Inc., New York, N. Y. Hair-curling device. 1,474,334; Nov. 13.
Kryzanowsky, Constant J. (See Taylor, Samuel W., assignor.)
Kryzanowsky, Constant J., Mount Washington, assignor to The Crown Cork and Seal Company of Baltimore City, Baltimore, Md. Closure-applying apparatus. 1,447,389; Mar. 6.
Kryzanowsky, Constant J., Mount Washington, assignor to The Crown Cork and Seal Company of Baltimore City, Baltimore, Md. Bottle-capping machine. 1,466,662; Sept. 4.
Krzewinski, Mikolaj, Los Angeles, Calif. Motor vehicle. 1,447,728; Mar. 6.
Krzyzak, Frank, assignor to Milk Bottle Crate Company, Chicago, Ill. Box and crate. 1,478,038; Dec. 18.
Krzyzewski, Felix, Jamaica, N. Y., assignor of one-third to E. Kawiecki and one-third to L. Kawiecki, Winsted, Conn. Ornamental handle and producing same. 1,464,367; Aug. 7.
Kubeš, František, Prague-Nusle, Czechoslovakia. Apparatus for making sugar fondant. 1,471,697; Oct. 23.
Kubicki, Andrew, Webster, Mass. Adjustable fire box. 1,473,237; Nov. 6.
Kubler, Johann, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Apparatus for operating direct-current three-main supply circuits by means of metal vapor rectifiers. 1,469,418; Oct. 2.
Kubovcik, Jozef, Edwardsville, Pa. Ceiling-board support. 1,457,633; June 5.
Kucera, Peter, assignor to Capstan Glass Company, Connellsville, Pa. Matrix device for molds. 1,453,277; May 1.
Kucera, Peter, South Connellsville, assignor to Capstan Glass Company, Connellsville, Pa. Manufacturing ring molds and the like. 1,453,278; May 1.
Kucera, Peter, assignor to Capstan Glass Company, Connellsville, Pa. Packing jar or the like. 1,466,840; Sept. 4.
Kucewicz, Joseph C., Cleveland, Ohio. Hairpin. 1,451,397; Apr. 10.
Kucharski, Stanislaus, Charlottenburg, near Berlin, Germany. Cinematograph apparatus. 1,447,390; Mar. 6.
Kucharski, Stanislaus, Charlottenburg, near Berlin, Germany. Cinematograph apparatus with endless film band. 1,449,515; Mar. 27.
Kucharski, Stanislaus, Charlottenburg, near Berlin, Germany. Arrangement of centering the film in the gate of cinematograph projectors. 1,458,303; June 12.
Kucharski, Stanislaus, Charlottenburg, near Berlin, assignor to R. A. Hansemann, Berlin, Germany. Optical picture cabinet. 1,460,590; July 3.
Kucharski, Stanislaus, Charlottenburg, near Berlin, Germany. Device for stopping the films in cinematograph projection apparatus. 1,476,087; Dec. 4.
Kuckelsberg, Ernst, Elberfeld, and P. Kuckelsberg, Barmen, Germany, assignors to Naamlooze Vennootschap Vereenigde Knoopen- en Bandfabrieken, Nykerk, Netherlands. Cloth button. 1,446,801; Feb. 27.
Kuckelsberg, Paul. (See Kuckelsberg, Ernst and P.)
Kudla, John S., Los Angeles, Calif. Device for treating the ear. 1,448,129; Mar. 13.
Kudler, Adolph, Los Angeles, Calif. Merry-go-round. 1,440,609; Jan. 2.
Kuechler, Hermann F., Kenosha, Wis. Automobile signal light. 1,446,909; Feb. 27.
Kueffer, F. W., et al., trustees. (See Kueffer, Frederich W., assignor.)
Kueffer, Frederich W., assignor to G. F. Eastin, E. A. Lewis, F. W. Kueffer, and J. Cole, trustees of the Safety Oil Tank Company, Tulsa, Okla. Oil tank. 1,445,091; Feb. 13.
Kueffer, Frederich W., assignor to G. F. Eastin, E. A. Lewis, F. W. Kueffer, and J. Cole, trustees of the Safety Oil Tank Company, Tulsa, Okla. Oil tank. 1,445,092; Feb. 13.
Kuehl Candy Co., The. (See Sprague, Edward, jr., assignor.)
Kuehn, Charles P., assignor to A. Stein & Company, Chicago, Ill. Garment supporter. 1,442,158; Jan. 16.
Kuehner, Arthur T., Elkridge, Md. Pipe joint. 1,460,100; June 26.
Kuehner, Arthur T., Elkridge, Md. Locomotive smokebox front. 1,461,315; July 10.
Kuehner, Arthur T., Elkridge, Md. Lubricator for locomotive driving journals. 1,468,909; Sept. 25.
Kuen, Charles W., Chicago, Ill. Advertising toy. 1,466,534; Aug. 28.

Alphabetical list of patentees—Continued.

Kuen, Charles W., Chicago, Ill. Receiver support for sound amplifiers. 1,469,941; Oct. 9.

Kuen, Eugene A., assignor to The Thos. J. Corcoran Lamp Co., Cincinnati, Ohio. Closure construction for auto lamps. 1,461,799; July 17.

Kuen, Eugene A., assignor to The Thos. J. Corcoran Lamp Company, Cincinnati, Ohio. Electric connecter. 1,469,186; Sept. 25.

Kuen, Eugene A., assignor to The Thos. J. Corcoran Lamp Company, Cincinnati, Ohio. Vehicle lamp. 1,469,187; Sept. 25.

Kuenneth, George W., assignor, by mesne assignments, to J. Kuenneth, Paterson, N. J. Tension-controlling means for beaming machines. 1,452,161; Apr. 17.

Kuenneth, Jeanette. (See Kuenneth, George W., assignor.)

Kuenzel, Charles A., jr., Bloomfield, Nebr. Blower or suction fan. 1,462,557; July 24.

Kuert, Ira J., Los Angeles, Calif. Adjustable and interchangeable form for hollow wall construction. 1,477,065; Dec. 11.

Kuever, Rudolph A., Iowa City, Iowa, assignor to Pepsodent Company, Chicago, Ill. Dentifrice. 1,477,177; Dec. 11.

Kugel, Joseph, and P. R. Strauss, Cincinnati, Ohio. Fruit seeder and peeler. 1,442,577; Jan. 16.

Kugelman, George, and S. W. Meyers, Indianapolis, Ind. Pool-ball rack. 1,449,902; Mar. 27.

Kugler, Benjamin, Chicago, Ill. Terminal coupling and anchorage for window-cleaners' harness. 1,442,159; Jan. 16.

Kugler, Benjamin, Chicago, Ill. Combined catch and slide anchorage and terminal coupling for window-cleaners' harness. 1,449,516; Mar. 27.

Kugler, Benjamin, Chicago, Ill. Locked anchorage for window-cleaners' harness. 1,462,761; July 24.

Kugler, Benjamin, Chicago, Ill. Drilled base anchorage for window-cleaners' harness. 1,464,825; Aug. 14.

Kugler, Charles H., Lexington, Nebr. Plowpoint. 1,450,042; Mar. 27.

Kuhls, William J., Dayton, Ohio. Door closer. 1,446,707; Feb. 27.

Kuhn, B. M. (See Wheeler, Charles F., assignor.)

Kuhn, Charles E., Harrisburg, Pa. Combination furniture. 1,460,591; July 3.

Kuhn, Frank F., assignor to L. M. Ley, Minneapolis, Minn. Polishing composition. 1,457,080; May 29.

Kuhn-Frei, Emil, assignor to A. Weinman, Zurich, Switzerland. Magnetizing bodies. 1,460,759; July 3.

Kuhn, George. (See Kettlitz, E. W., and Kuhn.)

Kuhn, George M., St. Louis, Mo. Merchandise-vending machine. 1,441,510; Jan. 9.

Kuhn, Harry H., Marshall, Ill. Tool. 1,474,267; Nov. 13.

Kuhn, Louis, assignor to American Candy Co., Milwaukee, Wis. Paper carton. Des. 62,148; Mar. 27.

Kuhn, Louis, assignor to American Candy Co., Milwaukee, Wis. Paper carton. Des. 62,782; July 31.

Kühn, Robert, Berlin, Germany. Massaging apparatus with revolving eccentric sections. 1,449,233; Mar. 20.

Kuhn, Thomas F., Elkhart, Ind. Corn cutting and shocking machine. 1,470,085; Oct. 9.

Kuhn, William B., Shelby, Ohio. Railway-crossing signal. 1,478,663; Dec. 25.

Kühne, Georg A. R., assignor to the Firm of Maschinen- und Wellenlager Gesellschaft mit beschrankter Haftung, Hamburg, Germany. Liner, bush, and the like for bearings and pedestals. 1,470,754; Oct. 16.

Kühne, Hans, Leverkusen, and F. Bencker, Mulheim, near Cologne, assignors to Farbenfabriken vorm. Friedr. Bayer and Co., Leverkusen, near Cologne, Germany. Manufacture of hyposulphites. 1,477,130; Dec. 11.

Kuhner, Oscar, Columbus, Ohio. Temporary end closure for locomotive valve chambers. 1,462,113; July 17.

Kuhnert, Walter A., San Francisco, Calif. Obtaining borax. 1,474,433; Nov. 20.

Kuhns, George, Duncan, Okla. Wrench. 1,441,934; Jan. 9.

Kuhns, Howard F., Allentown, Pa. Safety attachment for washing machines. 1,473,993; Nov. 13.

Kuhsiek, Albert J. H., Richmond Hill, N. Y., assignor to Edward V. Hartford, Inc. Jack. 1,444,796; Feb. 13.

Kukac, Edward J., Chicago, Ill. Divided mold. 1,466,129; Aug. 28.

Kuklinski, Joseph F., Milwaukee, Wis. Cabinet. Des. 62,867; Aug. 14.

Kukovec, Mathew, Chicago, Ill. Shoe. Des. 63,302; Nov. 20.

Kulczycki, Joseph, Chicago, Ill. Curtain-supporting attachment for window frames. 1,454,679; May 8.

Kuldell, Rudolph C. (See Hughes, H. R., and Kuldell.)

Kulhawy, Ferdinand, assignor to Comfort Safety Razor and Novelty Co. Inc., West Hoboken, N. J. Safety razor. 1,450,859; Apr. 3.

Kulier, John A., Brooklyn, N. Y. Terminal for electric conductor wires. 1,471,173; Oct. 16.

Kulier, John A., Brooklyn, N. Y. Terminal for electric conductors. 1,474,972; Nov. 20.

Kulik, Irving, Brooklyn, N. Y. X-ray mount. 1,477,131; Dec. 11.

Kull, Samuel B., Bridgeport, Conn. Rail-fastening means. 1,449,332; Mar. 20.

Kulow, John H., Buffalo, N. Y. Index reckoner calendar. 1,466,021; Aug. 28.

Kulp, Harry W., and M. C. Dellinger, Lancaster, Pa. Valve-spring-lifter lock. 1,461,275; July 10.

Kumler, Roy W., Los Angeles, Calif. Automobile hood construction. 1,474,417; Nov. 20.

Kummer, Ernest W., Edgewater, Colo. Berry-bush-covering machine. 1,444,971; Feb. 13.

Kummer, Fritz. (See Bodler, L. A., Kummer, and Pauli.)

Kummerow, Frank C., Attica, N. Y. Air-brake-retaining valve. 1,447,791; Mar. 6.

Kumpf, David M., Pekin, Ill. Writing pad. 1,456,927; May 29.

Kumpunen, Helen, Rye, N. Y. Mop holder. 1,462,794; July 24.

Kundtz, Theodor, Company, The. (See Winkel, Christopher, assignor.)

Kunert, Otto, Breslau, Germany. Circulating device. 1,443,846; Jan. 30.

Kunin, Harry, assignor to Midwest Machinery Products Co., Chicago, Ill. Cooking vessel. 1,450,687; Apr. 3.

Kunish, Emil. (See Lorenz, C., and Kunish.)

Kunitz, Hannibal H., assignor to Advance Furnace & Engineering Company, Springfield, Mass. Furnace. 1,472,529; Oct. 30.

Kunkel, Cooper D., Pulaski, Va. Bumper for automobiles. 1,446,708; Feb. 27.

Kunkel, Fred E., Washington, D. C. Guide bar for guide cards. 1,465,827; Aug. 21.

Kunkel, Thomas C., Madrid, Nebr. Screened drain. 1,458,984; June 19.

Kunkel, William M. (See Hartup, Frank E., assignor.)

Kunkle, Bayard D., Springfield, Mass., assignor to The Caskey-Dupree Manufacturing Company. Switch mechanism for automobiles. 1,471,741; Oct. 23.

Kunkle, Bayard D., and J. V. Schafer, Marietta, Ohio, assignors to The Caskey-Dupree Manufacturing Company. Key-operated automobile switch. 1,447,869; Mar. 6.

Kuno, Shichigoro, Denver, Colo. Dirigible bumper and headlight for automobiles. 1,464,205; Aug. 7.

Kunz, Alphonse M., St. Louis, Mo. Necktie display and illuminating stand. 1,453,147; Apr. 24.

Kunz, Edward L., and H. Darche, Buffalo, N. Y. Leaf spring. 1,446,908; Feb. 27.

Kunz, Max, Mannheim, Germany, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Production of vat coloring matters. 1,464,079; Aug. 7.

Kunze, Willy, Bremen, Germany. Diaphragm for submarine signal transmitters. 1,446,569; Feb. 27.

Kunze, Willy, Bremen, Germany. Sender diaphragm for submarine sound signals. 1,468,305; Sept. 18.

Kunzel, Alfred, and G. Bräuer, Hamburg, Germany. Skiving machine. 1,448,546; Mar. 13.

Kunzmann, Ernst W. (See Dräger, A. B., Schröder, and Kunzmann.)

Kupa, Emil, Duisberg, Germany, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Furnace. 1,450,154; Mar. 27.

Kupec, Joseph F., Lincoln, Nebr. Automobile radiator system. 1,451,364; Apr. 10.

Kupetz, Adolph G., New Rochelle, assignor to Underwood Computing Machine Company, New York, N. Y. Computing machine. 1,440,610; Jan. 2.

Kupetz, Adolph G., New Rochelle, assignor to Underwood Computing Machine Company, New York, N. Y. Combined typewriting and computing machine. 1,452,162; Apr. 17.

Kupfer, A. M. (See Naterman, Henry D., assignor.)

Kuppenheim, Firm of Louis. (See Kölsch, Reinhard, assignor.)

Kupsche, Alexander B., Chicago, Ill. Swimming device. 1,457,908; June 5.

Kurata, Hatsugoro, Nagasaki, Japan. Lubricating compound. 1,466,022; Aug. 28.

Kurlander, Charles. (See Leux, Minnie, assignor.)

Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting-machine case. 1,446,096; Feb. 20.

Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machines. 1,446,976; Feb. 27.

Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Co., New York, N. Y. Typewriting machine. 1,447,990; Mar. 13.

Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,448,547; Mar. 13.

Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,448,753; Mar. 20.

Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,449,119; Mar. 20.

Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,451,463; Apr. 10.

Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,455,496; May 15.

Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,455,497; May 15.

Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,456,637; May 29.

Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,456,638; May 29.

Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,458,904; June 12.

Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,467,940; Sept. 11.

Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,467,941; Sept. 11.

Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,467,942; Sept. 11.

Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,468,640; Sept. 25.

Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,468,641; Sept. 25.

Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,478,235; Dec. 18.

Kurrus, Joseph A., assignor of one-half to J. P. Buchholz, East St. Louis, Ill. Radiator heater. 1,447,214; Mar. 6.

Kurt-O-Shield Mfg. Association. (See Maulding, John H., assignor.)

Kürth, Alfred, Berlin, Germany. Window-opening device. 1,443,691; Jan. 30.

Kurtis, Angel (now by judicial change of name Angelos Kurtis), Boston, Mass. Metallic heel for shoes and the like. 1,453,253; Apr. 24.

Kurtis, Angelos. (See Kurtis, Angel.)

Kurtz, Benjamin F., Avalon, assignor to Pressed Steel Car Company, Pittsburgh, Pa. Brake-adjusting mechanism. 1,467,046; Sept. 4.

Kurtz, Frank J., Marshalltown, Iowa. Top frame and deck for automobiles. 1,454,321; May 8.

Kurtz, Joseph J., Shamokin, Pa. Buffer check for loom pickers. 1,462,508; July 24.

Kurtz, Maurice L. (See Miller, M., and Kurtz.)

Kurtz, Stanley, Lorain, Ohio. Sewer-trap valve. 1,457,580; June 5.

Kurtzmann, Louis S., assignor, by mesne assignments, to Kurtzmann Phonograph Company, Inc., Buffalo, N. Y. Phonograph or the like. 1,447,215; Mar. 6.

Kurtzmann Phonograph Company. (See Kurtzmann, Louis S., assignor.)

Kurz, Christian A., jr., Dayton, Ohio. Golf club. 1,463,533; July 31.

Kus, Thomas G., assignor, by mesne assignments, to Chicago Trust Company, trustee, Chicago, Ill. Coke oven. 1,478,570; Dec. 25.

Kusel, Harry J., assignor to Stronghart Company, Chicago, Ill. Small savings bank. 1,442,347; Jan. 16.

Kusel, Harry J., assignor to Stronghart Company, Chicago, Ill. Coin bank. 1,447,138; Feb. 27.

Kusel, Isidor J., assignor to Stronghart Company, Chicago, Ill. Coin bank. 1,455,498; May 15.

Kusel, Isidor J., Chicago, Ill. Coin bank. Des. 63,188; Oct. 30.

Kushiro, Manzaburo, Pasadena, Calif. Yeast composition and making the same. 1,477,132; Dec. 11.

Kushlan, Anton, Brownsville, Pa. Blow-off valve. 1,458,064; June 5.

Kusnitt, Reuben R., Hartford, Conn. Holder for cans. 1,447,870; Mar. 6.

Kusold, Charles, New York, N. Y. Milling machine. 1,443,899; Jan. 30.

Kuster, Charles E., administrator. (See Kuster, Frederick E., assignor.)

Kuster, Frederick E., deceased, Evansville, Ind.; C. E. Kuster, administrator. Tray-making machine. 1,452,346; Apr. 17.

Kusterer, Aloysius J., assignor to Consolidated Paper and Box Manufacturing Company, Richmond, Va. Binder-blank-shaping mechanism. 1,459,107; June 19.

Kusterle, Frank, assignor to Simmons Company, Kenosha, Wis. Corner fastening. 1,470,015; Oct. 9.

Kusterman, Walter W., Cincinnati, Ohio, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Ventilating-duct construction for dynamo-electric machines. 1,476,986; Dec. 11.

Kut Kwik Saw Company. (See Brooke, William L., assignor.)

Kutcher, Charles A., Sheridan, Wyo. Shock absorber. 1,446,424; Feb. 20.

Kutina, William H., Ewen, Mich. Automobile wheel. 1,473,435; Nov. 6.

Kutsche, Alfred P., and A. A. Winter, Milwaukee, Wis. Window-sash lock. 1,470,380; Oct. 9.

Kutsche, Arthur H., Monroe, Mich. Spring wheel. 1,470,452; Oct. 9.

Kutscher, Harry. (See Terhaar, Louis P., assignor.)

Kuttner, Julius, New York, assignor to The Sperry Gyroscope Company, Brooklyn, N. Y. Composite roller bearing. 1,454,057; May 8.

Kuttroff Pickhardt & Co. (See Lendle, August, assignor.)

Kuykendall, John C. (See Littleford, G., and Kuykendall.)

Kuzdial, Lawrence. (See Gaken, Josef F., assignor.)

Kuzell, Charles R., Clarkdale, Ariz. Making iron and steel from smelter slags. 1,471,270; Oct. 16.

Kuzmann, Alexander, Philadelphia, Pa. Cranking device. 1,459,222; June 19.

Kuzmjak, Peter, New York, N. Y. Society membership pin. Des. 62,060; Mar. 13.

Kvarnstrom, Alfred T., Detroit, Mich. Fuse box. 1,456,385; May 22.

Kwapil, Hallet E., Racine, Wis. Tatting shuttle. 1,473,790; Nov. 13.

Kyff, Cornelius, et al. (See Bohock, Joseph J., assignor.)

Kyger, Frank L., Streator, Ill. Soldering iron. 1,451,578; Apr. 10.

Kyle, E. S. (See Bacon, William M., assignor.)

Kyle, George B., assignor to The Measuregraph Company, St. Louis, Mo. Fabric measuring and cost computing machine. 1,452,279; Apr. 17.

Kyle, George S., deceased; S. E. Kyle, Chambersburg, Pa., administratrix. Planisphere. 1,469,664; Oct. 2.

Kyle, Jesse T. (See Russell, V. W., Kyle, and Campbell.)

Kyle, Nicholas W., Colfax, Ill. Lifting device. 1,451,549; Apr. 10.

Kyle, Sarah E., administratrix. (See Kyle, George S.)

Kyle, William D., Milwaukee, Wis. Traffic indicator. 1,473,375; Nov. 6.

Kylin, Oskar, assignor to Foster Machine Company, Elkhart, Ind. Core-making machine. 1,457,439; June 5.

Kyrides, Lucas P., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Manufacture of triaryl guanidines. 1,466,535; Aug. 28.

Kyrides, Lucas P., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Triarylmethane dyes. 1,478,039; Dec. 18.

Kysela, Rudolph, assignor of one-half to L. V. Starr, Los Angeles, Calif. Motor-control means and system and method. 1,458,304; June 12.

Kysela, Rudolph, assignor of one-half to L. V. Starr, Los Angeles, Calif. Motor-control means and system and method. 1,461,917; July 17.

Kyser, George E., Birmingham, and C. E. Thomas, Centerville, Ala., assignors of one-half to said C. E. Thomas and one-half to J. A. Thomas. Combination wood and steel cross-tie. 1,448,805; Mar. 20.

Kyser, Nelson H., Columbiana, Ohio. Pressure regulator. 1,447,729; Mar. 6.

Kytlica, John F., Chicago, Ill. Rocker arm. 1,477,269; Dec. 11.

L. and H. Special Machine Co., The. (See Lindner, Arthur E., assignor.)

L-T-L Company. (See Thulander, Konstantine, assignor.)

L-W-F Engineering Company, Inc. (See Cato, Joseph L., assignor.)

L-W-F Engineering Company. (See Willard, Charles F., assignor.)

Laabs, Max A., assignor to American Optical Company, Southbridge, Mass. Lens. 1,459,373; June 19.

Laabs, Max A., assignor to American Optical Company, Southbridge, Mass. Spacing member used in forming bifocal lenses. 1,470,988; Oct. 16.

Labachotte, Roy G., Porterville, Calif. Automatic lock for release valves. 1,470,173; Oct. 9.

La Batt, William D., Chicago, assignor to E. J. Cady, Oak Park, Ill. Micrometer calipers. 1,478,664; Dec. 25.

La Batt, William D., and H. Sengebusch, Chicago, assignors to E. J. Cady, Oak Park, Ill. Testing machine. 1,445,963; Feb. 20.

La Batt, William D., and H. Sengebusch, Chicago, assignors to E. J. Cady, Oak Park, Ill. Plunger mechanism for testing machines. 1,445,964; Feb. 20.

Labberton, John M., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Hob for cutting gear teeth. 1,446,910; Feb. 27.

Labberton, John M., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Regeneration of single-phase motors. 1,448,410; Mar. 13.

Labberton, John M., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Gear tooth. 1,453,395; May 1.

La Belle, Anthony, Chicago, Ill. Quick-acting shut-off valve. 1,467,177; Sept. 4.

La Belle, William E., St. Paul, assignor of one-half to T. Schadegg, Minneapolis, Minn. Folding veneer container. 1,451,989; Apr. 17.

Labenz, Ernst, Detroit, Mich. Sectional mattress. 1,459,540; June 19.

La Bombard, Leon E., Chelsea, and M. H. Sidebotham, Cliftondale, assignors to Specialty Automatic Machine Company, Chelsea, Mass. Paper-box-folding machine. 1,444,347; Feb. 6.

La Bombard, Leon E., and M. H. Sidebotham, assignors to Specialty Automatic Machine Company, Chelsea, Mass. Blank-carrying mechanism for box-folding machines. 1,444,348; Feb. 6.

La Bombard, Leon E., and M. H. Sidebotham, assignors to Specialty Automatic Machine Company, Chelsea, Mass. Method and machine for banding articles in transit. 1,454,545; May 8.
Labombarde, Elie W., Nashua, N. H. Paper drinking cup and making same. 1,470,172; Oct. 9.
Labombarde, Elie W., Nashua, N. H. Double-wall box and making the same. 1,471,491; Oct. 23.
Labombarde, Elie W., Nashua, N. H. Reenforced paper-box member. 1,477,963; Dec. 18.
La Bour, Harry E., Chicago, Ill. Pump. 1,460,160; June 26.
La Bour, Harry E., Chicago, Ill. Pumping system. 1,461,622; July 10.
La Bour, Harry E., Chicago, Ill. Means for packing rotating shafts and the like. 1,463,365; July 31.
Labourdette, Jean H., Courbevoie, France. Trailer for automobile vehicles. 1,467,581; Sept. 11.
Labourot, Lucien. (See Pinchart-Deny, M., and Labourot.)
Labus, Otto A., Wisconsin Rapids, and C. H. Peth, Wausau; said Labus assignor to American Carbonic Machinery Company, Wisconsin Rapids, Wis. Chocolate mixing and melting machine. 1,462,602; July 24.
La Casse, Eugene R., assignor of one-half to C. A. Haag, jr., Syracuse, N. Y. Indexing plate for milling machines. 1,461,316; July 10.
Lacavalerie, Sebastien, New York, N. Y. Garter. 1,454,476; May 8.
Lace, Raymond F., Columbus, Ohio, assignor to Niles-Bement-Pond Company, New York, N. Y. Tire clamp. 1,460,385; July 3.
Lacene Manufacturing Company. (See Cogswell, Leander A., assignor.)
Lacey, Glenville J. G., Kalamazoo, Mich. Vertical water-tube boiler. 1,468,666; Sept. 25.
Lacey, Lucius L. (See McGinley, Frederick D., assignor.)
Lacey, Paul H., assignor to Peerless Door Control Company, Chicago, Ill. Door-operating mechanism. 1,441,229; Jan. 9.
La Chapelle, Euclid I., Brockton, Mass. Shoe-turning machine. 1,453,799; May 1.
La Chapelle, Frank, Pittsfield, Mass. Roll cleaner. 1,451,990; Apr. 17.
La Chapelle, Fred N., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Welt-beating machine. 1,461,062; July 10.
La Chapelle, Fred N., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting shoes. 1,469,222; Oct. 2.
Lachman, Laurence S., and E. Fulda, New York, N. Y. Welding wires or rods on intersecting lines. 1,447,792; Mar. 6.
Lachman, Laurence S., and E. Fulda, New York, N. Y. Reel. 1,451,835; Apr. 17.
Lachman, Maurice, New York, N. Y. Pipe or culvert. 1,442,160; Jan. 16.
Lachman, Maurice, assignor to Electro Steel Products Corporation, New York, N. Y. Grating. 1,445,401; Feb. 13.
Lachman, Maurice, assignor to Electro Steel Products Corporation, New York, N. Y. Metal pole. 1,470,174; Oct. 9.
Lachman, Maurice, New York, N. Y., assignor to Bethlehem Steel Company, Bethlehem, Pa. Metal wheel. 1,477,884; Dec. 18.
Lachmann, Walter, Dresden, Germany. Process and apparatus for utilizing liquefied gases. 1,478,479; Dec. 25.
Lack, Fred S., Paducah, Ky. Thermostatic control mechanism for carburetors. 1,474,532; Nov. 20.
Lacke, William A., Chicago, Ill. Mechanism for stamping large hot-metal sheets. 1,451,879; Apr. 17.
Lacke, William A., Chicago, Ill. Thermostat. 1,460,853; July 3.
Lacke, William A., Chicago, Ill. Conveyer and piler for large sheets. 1,466,177; Aug. 28.
Lacki, Wojciech, Chicago, Ill. Cradle. 1,450,635; Apr. 3.
Lackland, Thomas C., Atlanta, Ga. Wheel. 1,460,253; June 26.
La Course, Joseph M., Chicago, Ill. Piston ring. 1,472,073; Oct. 30.
La Croix, Cicero H., Bannister, Tex. Insect destroyer. 1,452,918; Apr. 24.
La Croix, J. H. (See Helmkee, Jacob, assignor.)
Lacroix, Joseph D., New Orleans, La., assignor to Kelly-Springfield Tire Company. Tire-forming machine. 1,446,755; Feb. 27.
Lacroix, Joseph D., New Orleans, La., assignor to Kelly-Springfield Tire Company, Akron, Ohio. Fabric-stitching device. 1,461,125; July 10.
La Croix, Romeo, Holyoke, Mass., assignor to Samuel M. Langston Company, Camden, N. J. Tube-making machine. 1,453,846; May 1.
Lacy, John H., Boston, Mass. Safety razor. 1,469,309; Oct. 2.
Laczko, Stephen, Toledo, Ohio. Cigarette-forming device. 1,477,370; Dec. 11.
Ladd, Clinton, Chicago, and T. G. Windes, jr., Winnetka, Ill., assignors to Chicago Bridge & Iron Company. Combined water softener and storage tank. 1,466,053; Aug. 28.
Ladd-Davis, Clarence, assignor to himself and J. A. Taylor, joint trustees, Brooklyn, N. Y. Automatic fire extinguisher. 1,451,915; Apr. 17.
Ladd-Davis, Clarence, assignor to himself and J. A. Taylor, joint trustees, Brooklyn, N. Y. Automatic fire extinguisher for distributing aqueouslike fluent material. 1,451,916; Apr. 17.
Ladd, Donald H., Torrance, Calif. Ignition wiring and conductor for internal-combustion engines. 1,462,706; July 24.
Ladd, Earnest W., assignor of one-half to C. F. Herrmann, New York, N. Y. Speed regulator for phonographs. 1,451,663; Apr. 10.
Ladd, James B., Ardmore, Pa., assignor to United States Cast Iron Pipe & Foundry Company, Burlington, N. J. Foundry plant. 1,465,275; Aug. 21.
Ladd, James B., Ardmore, Pa., assignor to United States Cast Iron Pipe & Foundry Company, Burlington, N. J. Foundry plant. 1,465,276; Aug. 21.
Ladd, James B., Ardmore, Pa., assignor to United States Cast Iron Pipe & Foundry Company, Burlington, N. J. Casting-ladle mechanism. 1,469,223; Oct. 2.
Ladd, James B., Ardmore, Pa., assignor to United States Cast Iron Pipe & Foundry Company, Burlington, N. J. Casting-ladle mechanism. 1,469,224; Oct. 2.
Ladd, James B., Ardmore, Pa., assignor to United States Cast Iron Pipe & Foundry Company, Burlington, N. J. Casting-ladle mechanism. 1,469,225; Oct. 2.
Ladd, John H., assignor of one-third to J. J. Becker, Outlook, Mont. Recording device for railway cars. 1,467,643; Sept. 11.
Ladebauche, Onesime, Woonsocket, R. I. Can-gill guide. 1,458,830; June 12.
Ladin, Abe N., Ironwood, Mich. Convertible-baby-carriage runner. 1,454,749; May 8.
Ladinsky, Stanley, Newark, N. J. Window-sash holder. 1,451,226; Apr. 10.
La Ducer, Jerry J., Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Milling machine. 1,477,178; Dec. 11.
La Ducer, Jerry J., Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Tailstock. 1,477,179; Dec. 11.
Ladue, Benjamin F., Raymond, Wash. Combined storm sash and window screen. 1,467,330; Sept. 11.
Ladue, Frederick. (See Richardson, Joseph, assignor.)
La Duke, Emery E., Salt Lake City, Utah. Liquid clarifier. 1,471,614; Oct. 23.
Ladwig, Charles F., Huntsville, Mo. Seed-corn tipper. 1,477,180; Dec. 11.
Laessker, Jean, assignor to Societe Anonyme Adolphe Saurer, Arbon, Switzerland. Apparatus for testing gear wheels. 1,444,470; Feb. 6.
La Fayette, Theodore E., A. A. Glidden, and J. J. Gaughan, assignors to Hood Rubber Company, Watertown, Mass. Rubber footwear. 1,455,140; May 15.
Lafever, George, and B. E. Hawley, Kelso, assignors to Western Specialty Manufacturing Company, Vancouver, Wash. Lock nut. 1,443,751; Jan. 30.
Lafever, George, and B. E. Hawley, assignors of one-ninth to C. H. Catlin, one-ninth to C. I. Catlin, Kelso, Wash., and one-ninth to M. J. Catlin, Portland, Oreg. Rim tool. 1,443,750; Jan. 30.
Lafferty, Harry C., New Castle, Pa. Line fastener. 1,467,276; Sept. 4.
Lafferty, Herbert D. (See Von Hambach, Ernest, assignor.)
Lafferty, James G., Coraopolis, Pa. Gas compressor. 1,443,135; Jan. 23.
Laffey, William J. (See Grace, E. B., and Laffey.)
Laffin, James E., Oquossoc, Me. Fountain-pen reservoir. 1,449,234; Mar. 20.
Laflame, Achille, Lawrence, Mass. Bobbin-transferring mechanism. 1,475,438; Nov. 27.
Laflèche, Pierre M. J., assignor to Société Laflèche Frères, Paris, France. Braces. 1,474,268; Nov. 13.
Lafler, Raymond F., Syracuse, N. Y. Circular arc-forming device. 1,448,848; Mar. 20.
Lafleur, Napoleon, Minot, N. Dak. Truck-dumping mechanism. 1,442,954; Jan. 23.
La Fon, Alphonse, Sewaren, N. J. Clamping collar. 1,447,253; Mar. 6.
La France, Leonard, Toronto, Ontario, Canada. Bearing for vehicle wheels. 1,443,417; Jan. 30.
Lafreniere, Eli, Westfield, Mass. Grapple. 1,470,327; Oct. 9.
Lagache, André, Paris, France, assignor to Société des Trains Chenard & Walcker F. A. R., Gennevilliers, France. System of coupling enabling heavy loads to be towed. 1,442,077; Jan. 16.
Lagasse, Joseph N., Hyner, Pa. Link. 1,463,043; July 24.
Lagemann, Gustav P., Luverne, Minn. Drill. 1,453,878; May 1.
Lagerblade, Herbert C., assignor to The Horton Manufacturing Company, Bristol, Conn. Golf club. 1,444,842; Feb. 13.
Lagergren, Andrew, Altoona, Pa. Combination tool. 1,471,963; Oct. 23.
Lagerquist, Roy E., Minneapolis, Minn. Repeater for sound-reproducing instruments. 1,441,511; Jan. 9.
Lagerstrom, Anthony F., Chicago, Ill. Window fastener. 1,462,762; July 24.
Lagier, Celestin I., Stockton, Calif. Flesh-cutting shears. 1,456,639; May 29.
Lagner, Joseph. (See Becker, F. W., and Lagner.)

Lagorio, John L., Stockton, Calif. Cake lifter. 1,443,692; Jan. 30.

La Grandeur, Alfred J., and E. C. Anderson, Somerset, Wis. Bag-mouth expander. 1,468,709; Sept. 25.

La Grassa, Peter. (See Mitchell, H. W., and La Grassa.)

Lagreid, John H., et al. (See Nicholson, Frank, assignor.)

Lahan, Edward J., Quincy, Ill. Mud lug. 1,458,305; June 12.

Lahann, Herman. (See Unger, J. W., and Lahann.)

Lahey, Dennis E., Louisville, Ky. Railway switch. 1,468,533; Sept. 18.

Lahey, Frank T., Akron, Ohio. Plastic material. 1,474,482; Nov. 20.

Lahners, William, et al. (See Pendleton, Oscar G., assignor.)

Lahners, William, et al. (See Riddel, Sherrod, assignor.)

La Hodny, William, Buffalo, N. Y. Bracket for supporting mirrors and the like. 1,455,441; May 15.

La Hodny, William, Buffalo, N. Y. Bracket for supporting mirrors, glass plates, and the like. 1,476,758; Dec. 11.

Laibach, Franz, New York, N. Y. Lookout or door peep. 1,461,487; July 10.

Laidlaw, James D., Leith, Edinburgh, Scotland. Machine for cutting or breaking down masses of pulverulent material, such as artificial manure. 1,469,718; Oct. 2.

Laidman, Charles, Cleveland, Ohio. Table mat. Re15,708; Oct. 30.

Laing, Bryan. (See Nielsen, H., and Laing.)

Laing, Norman B., Detroit, and F. C. Rindfish, Highland Park, Mich. Storage battery. 1,450,889; Apr. 3.

L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude. (See Claude, Georges, assignor.)

Laird, Albert N., Detroit, Mich. Precast reenforced concrete construction. 1,472,917; Nov. 6.

Laird, Fredrick E., Tarrytown, N. Y. Valve-actuating means. 1,475,123; Nov. 20.

Laird, Mildred A., Renown, Saskatchewan, Canada. Mantle shade. 1,475,071; Nov. 20.

Laird, Schober and Co. (See Dugan, John F., assignor.)

Laird, Wilbur G., assignor to H. L. Doherty, New York, N. Y. Coke-discharging apparatus. 1,460,067; June 26.

Laise, Clemens A., Weehawken, N. J. Refractory metal product and making same. 1,470,175; Oct. 9.

Laise, Clemens A., Weehawken, and A. J. Gallager, West Orange, N. J. Electric heating unit. 1,459,307; June 19.

Laise, Clemens A., Weehawken, and A. J. Gallager, West Orange, N. J. Electric heating appliance. 1,474,483; Nov. 20.

Laise, Clemens A., Weehawken, N. J., and O. C. Hollopeter, New York, N. Y., assignors to Independent Contact Manufacturing Co. Making electrical contacts. 1,469,043; Sept. 25.

Laist, Frederick, Anaconda, Mont., assignor to Anaconda Copper Mining Company. Hydrometallurgical precipitation of copper. 1,461,918; July 17.

Laisy, Oscar J., Cleveland, Ohio. Aircraft covering and making same. 1,445,894; Feb. 20.

La Jeunesse, Clifford L., Milwaukee, Wis. Illuminating device. 1,460,136; June 26.

Lake, Charles W., McPherson, Kans. Shock absorber. 1,477,504; Dec. 11.

Lake, Christopher J., Bridgeport, Conn. Aircraft. 1,469,796; Oct. 9.

Lake, Clair D., Binghamton, N. Y., assignor to The Tabulating Machine Company. Friction drive control for tabulating machines. 1,447,871; Mar. 6.

Lake, Clair D., Binghamton, N. Y., assignor to The Tabulating Machine Company. Friction drive for tabulating-machine counters. 1,447,872; Mar. 6.

Lake, Edmund F., assignor to Anglo American Mill Co., Owensboro, Ky. Scalper sieve for mills. 1,466,508; Aug. 28.

Lake, Eva J., Greensburg, Pa. Attachment for candlesticks and candleholders. 1,456,134; May 22.

Lake, James, jr., Brooklyn, N. Y. Motor-cycle attachment. 1,445,440; Feb. 13.

Lake, James, jr., assignor to G. G. Erb, New York, N. Y. Electrical-connector forming tool. 1,456,928; May 29.

Lake Laboratories Company. (See Trotter, George C., assignor.)

Lake, Simon, Milford, Conn. Concrete storage plant, refrigerator, and the like. 1,467,676; Sept. 11.

Lake, Simon, Milford, Conn. Electric hammer. 1,467,677; Sept. 11.

Lake Torpedo Company, The. (See Björklund, Eric G., assignor.)

Lakewood Engineering Company. (See Blass, Carl J., assignor.)

Lalama, Carlo, Beaver Falls, Pa. Pressure valve. 1,454,680; May 8.

Lalanne, Charles, Paris, France. Combination mirror. 1,441,590; Jan. 9.

Lallance, Theodore P., Huntington, W. Va. Shoe rack. Des. 63,054; Sept. 25.

Lalle, Peter A., and C. F. Fowler, assignors of one-third to S. L. Petrino, Buffalo, N. Y. Amusement apparatus. 1,450,669; Apr. 3.

Lalle, Peter A., and C. F. Fowler, assignors of one-third to S. L. Petrino, Buffalo, N. Y. Amusement apparatus. 1,474,335; Nov. 13.

Lally, John, Boston, Mass. Fireproof building construction. 1,440,545; Jan. 2.

Lally, John, Boston, Mass. Building column. 1,472,600; Oct. 30.

Lally, John, Boston, Mass. Wall hanger. 1,472,601; Oct. 30.

Lally, John, Boston, Mass. Cap for building columns. 1,472,602; Oct. 30.

Lally, John, Boston, Mass. Cap for building columns. 1,472,603; Oct. 30.

Lalonde, Oscar V., assignor to Elmac Specialties Corporation, New York, N. Y. Protective book cover. 1,475,586; Nov. 27.

La Londe, William S., Evanston, Ill. Electric switch for automobile gasoline tanks. 1,461,825; July 17.

La Londe, William S., Evanston, Ill. Electric switch. 1,478,523; Dec. 25.

Lalor, John C. (See Middleton, Percy R., assignor.)

Lalor, Willard A., executor. (See Middleton, Percy R.)

Lamacchia, Otto, Bridgeport, Conn. Alarm clock with automatically-lighted lamp. 1,466,023; Aug. 28.

Lamacchia, Otto, Bridgeport, Conn. Lamp. Des. 63,562; Dec. 18.

La Malta, Thomas L., Memphis, Tenn. Hollow-blast grate bar. 1,460,254; June 26.

La Malta, Thomas L., Memphis, Tenn. Cut-off saw. 1,461,919; July 17.

La Mar, Frank C., Pittsburgh, Pa. Thermostatic indicator for electric fuses. 1,443,136; Jan. 23.

La Mar, Frank C., Pittsburgh, Pa. Refillable electric fuse. 1,443,137; Jan. 23.

La Mar, Frank C., Pittsburgh, Pa. Indicator for electric fuses. 1,450,670; Apr. 3.

Lamassiaude, Jean, Limoges, France. Heat-utilizing apparatus. 1,475,439; Nov. 27.

Lamassiaude, Jean, F. Rouchaud, and C. Rouchaud, Limoges, France. Brick press. 1,466,305; Aug. 28.

La May, Thomas D. (See Eaton, W. B., and La May.)

Lamb, Arthur B., Washington, D. C. Treating air. 1,442,619; Jan. 16.

Lamb, George L., Nappanee, Ind. Visor for use with automobiles. 1,450,809; Apr. 3.

Lamb, Harold S., assignor to W. C. Scheu, Los Angeles, Calif. Mixer. 1,449,333; Mar. 20.

Lamb, Harold S., assignor to W. C. Scheu, Los Angeles, Calif. Homogenizer. 1,466,797; Sept. 4.

Lamb, Harry, New Westminster, Canada, assignor to Swift & Company, Chicago, Ill. Filling machine. 1,470,381; Oct. 9.

Lamb, John, assignor of one-half to J. B. Wilson, Oldham, Lancaster, England. Spring tire for vehicle wheels. 1,472,918; Nov. 6.

Lamb, John L., Miami, Okla. Mold for hollow tiles. 1,448,849; Mar. 20.

Lamb, Joseph F., assignor to Landers, Frary & Clark, New Britain, Conn. Electrically-heated utensil. 1,468,385; Sept. 18.

Lamb, Joseph F., assignor to Landers, Frary & Clark, New Britain, Conn. Hinge for oven doors. 1,475,838; Nov. 27.

Lamb, Lowry H., jr., et al. (See Orr, Robert I., assignor.)

Lamb, Richard, deceased, New York, N. Y.; S. E. Lamb, executrix, assignor to S. E. Lamb. Compensating filler for block paving. 1,452,120; Apr. 17.

Lamb, Sarah E. (See Lamb, Richard, assignor.)

Lamb, Sarah E., executrix. (See Lamb, Richard.)

Lamb, Sidney R., New York, N. Y. Time calculator. 1,471,341; Oct. 23.

Lamb, Thomas B., New York, N. Y. Movie kerchief. 1,477,654; Dec. 18.

Lamb, William A., assignor of one-half to N. S. Ballantine, Denver, Colo. Shale retort. 1,471,492; Oct. 23.

Lambert, Albert E., Albany, N. Y. Garment. 1,454,477; May 8.

Lambert, Albert L., Narbeth, assignor to American Motor Body Company, Philadelphia, Pa. Car seat. 1,443,479; Jan. 30.

Lambert, Alfred M. (See Brown, E. N., and Lambert.)

Lambert, Arthur H., Muskegon, Mich., assignor to Muskegon Motor Specialties Company. Micrometer. 1,458,306; June 12.

Lambert, Brazil E., Flint, assignor to General Motors Corporation, Detroit, Mich. Upholstery for seat backs. 1,469,263; Oct. 2.

Lambert, Byron J., Iowa City, Iowa. Grand-stand construction. 1,452,467; Apr. 17.

Lambert, Frank, Brooklyn, N. Y. Yieldable joint for water meters and the like. 1,473,910; Nov. 13.

Lambert, Gustave J., Salina, Kans. Stovepipe anchor. 1,473,728; Nov. 13.

Lambert, Russell A., Springfield, Mass. Collapsible display carton. 1,464,388; Aug. 7.

Lambert, Thomas B., and L. E. Lively, Spokane, Wash. Nut for guitars and similar instruments. 1,475,345; Nov. 27.

Lambert Tire & Rubber Co. (See Rett, Carl E., assignor.)

Lambert Tire & Rubber Company, The. (See Trump, Elno H., assignor.)

Alphabetical list of patentees—Continued.

Lambert, Victor, Brooklyn, N. Y. Can opener. 1,452,516; Apr. 24.

Lambeth, H. D. (See Martin, Oscar J., assignor.)

Lambie, Arthur M. (See Lambie, Frederick W., assignor.)

Lambie, Frederick W., Minneapolis, Minn., assignor to A. M. Lambie, Chicago, Ill. Velocipede. 1,470,576; Oct. 9.

Lamblin, Alexandre, Paris, France. Removable motor unit with aerial propeller. 1,443,368; Jan. 30.

Lame, Herman F., Jersey City, N. J. Heating iron for melting plastic substances. 1,449,517; Mar. 27.

Lamica, Edward E., Chester, S. C. Curtain carrier. 1,468,479; Sept. 18.

Laminated Metal Products Company, The. (See Kline, Everett C., assignor.)

Lamm, Anthony, Brooklyn, and J. F. Schroeder, Middle Village, N. Y. Roof structure. 1,450,182; Apr. 3.

Lamont, John A., assignor to American Steel Foundries, Chicago, Ill. Railway-car truck. 1,445,023; Feb. 13.

Lamont, John A., assignor to American Steel Foundries, Chicago, Ill. Truck side frame. 1,449,421; Mar. 27.

Lamont, John A., assignor to American Steel Foundries, Chicago, Ill. Railway-car-truck construction. 1,474,598; Nov. 20.

Lamont, John A., and C. M. Stenberg, assignors to American Steel Foundries, Chicago, Ill. Six-wheel equalizing truck. 1,445,895; Feb. 20.

La Montagne, Patrick P., Bourbonnais, Ill., assignor, by mesne assignments, to Pope Machine Company, Kankakee, Ill. Knitting machine and needle therefor. 1,441,591; Jan. 9.

La Montagne, Patrick P., Bourbonnais, Ill., assignor, by mesne assignments, to Pope Machine Company, Kankakee, Ill. Knitting machine and separate latch needle therefor. 1,441,592; Jan. 9.

La Montagne, Patrick P., Bourbonnais, assignor, by mesne assignments, to Pope Machine Company, Kankakee, Ill. Machine for uniting looped fabrics. 1,462,367; July 17.

La Moreaux, Frank W., Syracuse, N. Y. Glare stop. 1,467,002; Sept. 4.

Lamoreaux, William F., Isabella, Tenn. Process and apparatus for making sulphuric acid. 1,456,064; May 22.

Lamoreaux, William F., Isabella, Tenn. Manufacture of sulphuric acid. 1,456,065; May 22.

Lamort, Ernest and M., Vitry-le-Francois, France. Suction box for the manufacture of paper and similar products. 1,468,240; Sept. 18.

Lamort, Marcel. (See Lamort, Ernest and M.)

Lampert, Henry H., Chicago, Ill. Bar support and clamping device. 1,441,357; Jan. 9.

Lampert, Henry H., Chicago, Ill. Cowl ventilator. 1,441,358; Jan. 9.

Lampert, Henry H., Chicago, Ill. Steering-wheel-locking mechanism. 1,443,958; Feb. 6.

Lampert, Henry H., Chicago, Ill. Wall tie. 1,474,046; Nov. 13.

Lampert, Lydia, Chicago, Ill. Column clamp. 1,467,860; Sept. 11.

Lampert, Lydia, Chicago, Ill. Column clamp. 1,467,943; Sept. 11.

Lamplugh, Henry A., Tyseley, near Birmingham, England. Handlebar for cycles and motor cycles. 1,470,627; Oct. 16.

Lams, William R. (See Snelling, W. O., and Lams.)

Lamson Company, The. (See Dumble, Clifford R., assignor.)

Lamson Company, The. (See Jennings, Chester S., assignor.)

Lamson and Sessions Company, The. (See Ecker, Frank J., assignor.)

Lamson, William W., Collins, Nebr. Hog-ringing device. 1,460,970; July 3.

Lancaster, Alfred. (See Benningfield, Thomas, assignor.)

Lancaster, George W., assignor to Perfected Window Company, Richmond, Va. Window sash, screen sash, and shutter and window frame therefor. 1,462,644; July 24.

Lancaster, George W., assignor to Perfected Window Company, Richmond, Va. Counterbalancing sashes for stationary window casements. 1,462,645; July 24.

Lancaster, George W., assignor to Perfected Window Company, Richmond, Va. Plurality of counterbalancing sashes for windows. 1,462,646; July 24.

Lancaster, George W., assignor to Perfected Window Company, Richmond, Va. Counterbalancing sashes for various metal and other casements. 1,462,647; July 24.

Lancaster, Henry P., London, England. Preparatory pile used in the construction of concrete piles. 1,477,567; Dec. 18.

Lancaster Iron Works. (See Hanson, G., and Nelson, assignors.)

Lancaster, Jeter M., High Point, N. C. Furniture clamp. 1,464,389; Aug. 7.

Lancaster, M., et al. (See Cardwell, Charles E., assignor.)

Lancaster, Percy N., London, England. Apparatus for use in the construction of concrete piles. 1,477,568; Dec. 18.

Lancaster, Samuel C., and C. O. Hjermstad, Portland, Oreg., assignors to Autowhirl Corporation, Chicago, Ill. Garage or other building. 1,472,031; Oct. 23.

Lance, Ernst G., Detroit, assignor of one-half to O. C. Russ, Lake Odessa, Mich. Window lock. 1,468,367; Sept. 18.

Lance, Ernst G., Detroit, assignor of one-half to O. C. Russ, Lake Odessa, Mich. Window fastener. 1,470,382; Oct. 9.

Lancette, César J. M., Paris, France. Monolithic building. 1,456,806; May 29.

Lanchester, Frederick W., London, England. Wheel and tire for road vehicles. 1,458,532; June 12.

Lanchester, Frederick W., London, England. Control mechanism of power-propelled vehicles. 1,478,966; Dec. 25.

Land, Rector E., Houston, Tex., assignor to Petroleum Rectifying Co. Electrical dehydrator. 1,467,003; Sept. 4.

Landahl, Eugene E., Oak Park, Ill. Conveying and screening apparatus. 1,460,491; July 3.

Landan, John A., New York, N. Y. Garment hanger. 1,452,745; Apr. 24.

Landau, Abraham L. (See Levy, L. A., and Landau.)

Landau, Max, Berlin, Germany, assignor, by mesne assignments, to The Chemical Foundation, Inc. Composition of matter and preserving organic porous materials. 1,448,276; Mar. 13.

Landaw, Oak, Nappanee, Ind. Metal-table-top stretcher. 1,464,910; Aug. 14.

Landberg, Per E., Stockholm, Sweden. Electrical-resistance element of electric soldering irons and similar heating apparatus. 1,467,178; Sept. 4.

Landemare, Paul, et al. (See Lowry, William, assignor.)

Landenberger, Ralph, Chicago, Ill. Proportion finder. 1,444,381; Feb. 6.

Landers, David A., Chicago, Ill., assignor to Wirebounds Patents Company, Kittery, Me. Machine for use in making boxes. 1,461,014; July 3.

Landers, Frary & Clark. (See Curtiss, George E., assignor.)

Landers, Frary & Clark. (See Hart, Frederick A., assignor.)

Landers, Frary & Clark. (See Lamb, Joseph F., assignor.)

Landers, Frary & Clark. (See Mann, Nelson E., assignor.)

Landers, Frary & Clark. (See Smith, Charles F., assignor.)

Landers, Frary & Clark. (See Warner, Alonzo A., assignor.)

Landers, Michael J., Chicopee, Mass. Relief-valve attachment for faucets. 1,467,004; Sept. 4.

Landeweer, Henry, and J. F. Haas, Chicago, Ill. Curtain holder for automobile curtains. 1,470,454; Oct. 9.

Landey, Arney, Grand Rapids, Minn. Pressure gauge. 1,471,174; Oct. 16.

Landgraf, William F., Washington, D. C. Valve-spring compressor. 1,450,890; Apr. 3.

Landi, Michael, Paterson, N. J. Attachment for winding machines. 1,465,520; Aug. 21.

Landin, Carl J., Boston, Mass. Pump. 1,447,669; Mar. 6.

Landing, William H., assignor of one-half to A. Lindsey, Santa Ana, Calif. Lock. 1,451,265; Apr. 10.

Landini, Ralph, Trimountain, Mich. Automatic signal. 1,467,437; Sept. 11.

Landis & Gyr A.-G. (See Mettler, Josef, assignor.)

Landis, Irwin D., assignor to Universal Conveyor Co., South Bend, Ind. Hoist-traveler-centering device. 1,441,096; Jan. 2.

Landis, Irwin D., assignor to Universal Conveyor Co., South Bend, Ind. Pivotal dump bucket. 1,470,086; Oct. 9.

Landis, Jesse A., Eaton, Ohio. Tiltable headlight. 1,472,875; Nov. 6.

Landis, John O., Waynesboro, Pa. Manicure implement. Re15,663; July 31.

Landis, John O., Waynesboro, Pa. Manicure implement. 1,466,438; Aug. 28.

Landis, John R., assignor of one-half to F. H. Strott, St. Louis, Mo. Burglarproof grip. 1,454,546; May 8.

Landis, John T. and R. E., Nashville, Tenn. Demountable rim. 1,447,311; Mar. 6.

Landis, Norman A., York, Pa. Valve-spring compressor. 1,440,611; Jan. 2.

Landis, Robert E. (See Landis, John T. and R. E.)

Landis Tool Company. (See Stoner, Paul, assignor.)

Landon, Herbert C., West New York, N. J., assignor to Alvah Bushnell Company, Philadelphia, Pa. Temporary binder. 1,442,620; Jan. 16.

Landreth, Clarence P., Philadelphia, Pa. Liquid-treating apparatus. 1,478,714; Dec. 25.

Landrichinger, John, Bauxite, Ark. Wheat cleaner. 1,441,812; Jan. 9.

Landroth, Henry M. (See Sterner, L. H., Landroth, and Sterner.)

Landrum, Rufus E., Nashville, Tenn. Letter box. 1,442,578; Jan. 16.

Landry, Walter A. (See Rumford, Harry R., assignor.)

Landsiedel, Harry, Norwood, Ohio, assignor to The Dalton Adding Machine Company, Cincinnati, Ohio. Adding machine. 1,444,126; Feb. 6.

Landsiedel, Harry, Norwood, assignor to The Dalton Adding Machine Company, Cincinnati, Ohio. Adding and listing machine. 1,449,009; Mar. 20.

Landsiedel, Harry, Norwood, assignor to The Dalton Adding Machine Company, Cincinnati, Ohio. Adding machine. 1,466,306; Aug. 28.

Landsiedel, Harry, Norwood, assignor to The Dalton Adding Machine Company, Cincinnati, Ohio. Adding machine. Re15,723; Nov. 13.

Landwirtschaftliche Maschinenfabrik. (See Uriga, Leopold, assignor.)

Lane, Alfred M., assignor to Monarch Metal Products Company, St. Louis, Mo. Awning for automobiles. 1,472,919; Nov. 6.

Lane, Bert E., Camden, N. J. Talking machine. 1,462,114; July 17.

Lane, Charles H., and J. H. Steele, Portland, Oreg.; said Lane assignor of one-sixth to said Steele. Riveting device. 1,447,670; Mar. 6.

Lane, Daniel F., Painted Post, N. Y. Washing machine. 1,451,513; Apr. 10.

Lane, Edwin C., Mahwah, N. J. Cutter bar for lawn mowers. 1,461,532; July 10.

Lane, Floyd C., Houston, Tex. Resilient vehicle wheel. 1,465,476; Aug. 21.

Lane, Fred A., Shelburn, Ind. Tire carrier. 1,459,473; June 19.

Lane, George A., assignor of one-half to I. A. Chappell and one-half to J. C. Hayes, Lorain, Ohio. Inner tube. 1,463,742; July 31.

Lane, George H., Pontiac, Mich. Chock block. 1,465,852; Aug. 21.

Lane, George S., San Francisco, Calif., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Vehicle brake device. 1,453,509; May 1.

Lane, George S., San Francisco, Calif., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid-pressure brake. 1,454,547; May 8.

Lane, Henry. (See Hogg, J. S., and Lane.)

Lane, Henry, Wednesfield, England. Animal trap. 1,441,985; Jan. 9.

Lane, Henry M. (See Spurrier, Harry, assignor.)

Lane, J. E., et al. (See Groves, Earl C., assignor.)

Lane, James A., Los Angeles, Calif. Window stay. 1,472,920; Nov. 6.

Lane, John D., Boston, Mass. Externally-finished paper tube and making the same. 1,442,955; Jan. 23.

Lane, John D., Boston, and J. Macnaughtan, Brookline, assignors to Gordan Machine Company, Boston, Mass. Machine for filling and closing envelopes. 1,446,256; Feb. 20.

Lane, John D., Boston, and J. Macnaughtan, Brookline, assignors to Gordan Machine Company, Boston, Mass. Bag filling and closing machine. 1,454,060; May 8.

Lane, John D., Boston, and J. Macnaughton, Brookline, assignors, by mesne assignments, to Gordan Machine Company, Boston, Mass. Machine for measuring and delivering loose merchandise. 1,457,038; May 29.

Lane, John J., Baltimore, Md. Cabinet. 1,463,511; July 31.

Lane, John J., and J. H. Groat, St. Paul, Minn. Automobile lock. 1,471,742; Oct. 23.

Lane, Joseph P., New York, N. Y. Gas stove. 1,477,505; Dec. 11.

Lane, Marvin C. M., Roselle Park, N. J., assignor to Capitol Phonolier Corporation. Variable inductance. 1,445,896; Feb. 20.

Lane, Moses H. (See Wernicke, Otto H. L., assignor.)

Lane, Orin M., et al. (See Harvey, John W., assignor.)

Lane, Sherman E., Canon City, Colo. Collapsible bed for automobiles. 1,478,611; Dec. 25.

Lane, Victor A., New York, N. Y. Spring compressor. 1,444,797; Feb. 13.

Lane, Victor E., assignor to Michigan Smelting and Refining Company, Detroit, Mich. Die-casting machine. 1,470,755; Oct. 16.

Lane, William M., et al. (See Wood, Joseph C., assignor.)

Lanfair, Ernest L., Sawtelle, Calif. Closure plug. 1,463,426; July 31.

Lang, Albert B., St. Louis, Mo. Transmission lock for automobiles. 1,450,212; Apr. 3.

Lang, Alexander R. (See Christie, J., and Lang.)

Lang, Anton, Munich, Germany. Surety windlass for attachment to walls. 1,457,778; June 5.

Lang, Charles E., Wichita Falls, Tex. Well fishing tool. 1,455,499; May 15.

Lang, David, Brooklyn, N. Y. Child's garment. 1,458,889; June 12.

Lang, E. G., Manufacturing Company, The. (See Lang, Edwin G., assignor.)

Lang, Edward C., Melrose, assignor to Heywood-Wakefield Company, Wakefield, Mass. Car seat. 1,467,582; Sept. 11.

Lang, Edwin G., Bayside, assignor to The E. G. Lang Manufacturing Company, New York, N. Y. Folded-index-strip machine and process. 1,473,190; Nov. 6.

Lang, Harry P. (See Hallman, Uriah T. E., assignor.)

Lang, Howard A., Kansas City, Mo. Suit box and hanger. 1,448,629; Mar. 13.

Lang, James S., Watertown, Mass. Shock absorber. 1,448,131; Mar. 13.

Lang, James S., Watertown, Mass. Shock absorber. 1,463,284; July 31.

Lang, John, Philadelphia, Pa. Shaker. 1,468,534; Sept. 18.

Lang, John, assignor of one-half to F. Peer, Philadelphia, Pa. Vehicle wheel. 1,455,844; May 22.

Lang, John W., Redondo Beach, Calif. Chair. 1,470,455; Oct. 9.

Lang, Joseph M., Buffalo, N. Y. Window screen. 1,446,188; Feb. 20.

Lang, Martin M., Brooklyn, N. Y. Check-writing fountain pen. 1,462,864; July 24.

Lang, Philip G., jr. (See Parks, E. F., jr., and Lang.)

Lang, William C., Superior, Wis. Grain door. 1,445,024; Feb. 13.

Langa, Chester, Grand Rapids, Mich. Centering implement. 1,449,422; Mar. 27.

Langbein, Albert S., assignor to F. W. Klinger & Langbein Co., Philadelphia, Pa. Fisherman's fly book. 1,454,932; May 15.

Langbein, Edward, Brooklyn, N. Y. Interchangeable blade operating knife. 1,448,305; Mar. 13.

Langdon, Ann D., Piedmont, Calif. Doll. Des. 63,563; Dec. 18.

Langdon, Ann D., Piedmont, Calif. Doll. Des. 63,564; Dec. 18.

Langdon-Meyer Laboratories. (See Meyer, Emanuel M., assignor.)

Langdon, Robert M., Englewood Cliffs, N. J. Vacuum pumping attachment for motor vehicles. 1,464,080; Aug. 7.

Langdon, Robert M., Englewood Cliffs, N. J. Paper dust-receiving bag for vacuum cleaning machines. 1,468,719; Sept. 25.

Langdon, Walter W., Cincinnati, Ohio. Device for soldering ice cans and the like. 1,460,549; July 3.

Lange, Armie. (See Reasoner, Casper J., assignor.)

Lange, Arthur E., jr. (See Erni, W., and Lange.)

Lange, Ernest A., Claresholm, Alberta, Canada. Container handle. 1,470,536; Oct. 9.

Lange, Ernest O., Philadelphia, Pa. Speedometer. 1,458,831; June 12.

Lange, Fritz. (See Berendes, R., and Lange.)

Lange, Gottlieb, Dallas, Tex. Gas cock. 1,477,133; Dec. 11.

Lange, Henry, Quincy, Ill. Combination stove lid and burner. 1,443,480; Jan. 30.

Lange, Hildur C., New York, N. Y. Doll. Des. 62,489; June 12.

Lange, Severin, Bear Spring, Mont. Trap. 1,466,178; Aug. 28.

Lange, Walter M., London, England. Ventilator. 1,467,901; Sept. 11.

Lange, William C., temporary administrator. (See Rapp, J. W., and Vanorio.)

Lange, William F., Elgin, Ill. Combination egg beater and cream remover. 1,453,761; May 1.

Langelier, Wilfred F., Berkeley, Calif. Water purification. 1,465,137; Aug. 14.

Langenau, Jacob F., assignor to The Langenau Manufacturing Company, Cleveland, Ohio. Fastening device. 1,455,625; May 15.

Langenau Manufacturing Company, The. (See Langenau, Jacob F., assignor.)

Langenau Manufacturing Company. (See Yemniker, Rudolph M., assignor.)

Langenbacher, Robert A., St. Charles, Mo. Hog holder. 1,476.895; Dec. 11.

Langenberg, Frederick C., Watertown, Mass., and J. F. Fetterly, Altoona, Pa., assignors to The Surface Combustion Co. Incorporated, New York, N. Y. Furnace. 1,440,546; Jan. 2.

Langenegger, John, West New York, N. J., assignor to Blanck & Co., Inc., New York, N. Y. Lace. Des. 62,735; July 24.

Langenkamp, Albert G. (See McElroy, R. H., Cite, and Langenkamp.)

Langenzen, David, New York, N. Y. Dispensing apparatus. 1,473,376; Nov. 6.

Langer, Friederich J. (See Rae, Frank B., assignor.)

Langerman, Richard A., Louisville, Ky. Waistcoat. 1,475,072; Nov. 20.

Langevin, Paul. (See Chilowsky, C., and Langevin.)

Langford, George W., Ann Arbor, Mich. Snubber. 1,471,560; Oct. 23.

Langford, William S., Baltimore, Md. Belting. 1,477,707; Dec. 18.

Langham, Samuel B., Nashville, Tenn. Advertising device. 1,447,873; Mar. 6.

Langhammer, Paul, assignor to Package Machinery Company, Springfield, Mass. Precision lathe. 1,469,226; Oct. 2.

Langley, Ilma G. and W. S., Youngstown, Ohio. Floss ring. 1,469,363; Oct. 2.

Langley, William S. (See Langley, Ilma G. and W. S.)

Langlois, Mendoza. (See Guimont, Joseph W., assignor.)

Langlumé, George, and E. J. Ybarzabal, New Orleans, La. Mechanical racing course. 1,462,560; July 24.

Langmuir, Irving, Schenectady, N. Y., assignor to General Electric Company. Method of and means for amplifying potential variations. 1,468,116; Sept. 18.

Langmuir, Irving, Schenectady, N. Y., assignor to General Electric Company. Sound-detecting device. 1,475,190; Nov. 27.

Lango, Charles H., assignor to The Noshok Co., Detroit, Mich. Rebound absorber. 1,451,227; Apr. 10.

Langos, Otto A. (See Russell, F. C., and Langos.)

Alphabetical list of patentees—Continued.

Langos, Otto A., Evanston, assignor to Russell Electric Company, Chicago, Ill. Curling iron. 1,448,754; Mar. 20.
Langsdorf, Jesse E., New York, N. Y. Necktie. 1,447,090; Feb. 27.
Langsdorf, Jesse E., New York, N. Y. Necktie. 1,448,453; Mar. 13.
Langston, Johnson D., Birmingham, Ala. Oil burner. 1,468,480; Sept. 18.
Langston, Samuel M., Wenonah, N. J. Making shingle strips. 1,441,359; Jan. 9.
Langston, Samuel M., Wenonah, N. J. Sheet stacker. 1,446,570; Feb. 27.
Langston, Samuel M., Wenonah, N. J. Making shingle strips. 1,455,342; May 15.
Langston, Samuel M., Wenonah, N. J. Machine for making fiber shingles. 1,462,138; July 17.
Langston, Samuel M., Wenonah, N. J. Machine for cutting composition shingles. 1,473,377; Nov. 6.
Langston, Samuel M., Company. (See Fine, Bernard M., assignor.)
Langston, Samuel M., Company. (See La Croix, Romeo, assignor.)
Langston, Samuel M., Company. (See Moritz, Robert F., assignor.)
Langwell, Herbert, Stockton-on-Tees, England. Fermentation of cellulose. 1,443,881; Jan. 30.
Langworthy, Edward P., Buffalo, N. Y., assignor to American Radiator Company, Chicago, Ill. Mold-material-projecting machine. 1,457,113; May 29.
Langworthy, Lyman B., assignor to Chicago Title & Trust Co., trustee, Chicago, Ill. Concrete wall and making same. 1,447,254; Mar. 6.
Langworthy, Lyman B., assignor to Chicago Title & Trust Co., Chicago, Ill. Sheet-piling wall and installing same. 1,474,195; Nov. 13.
Lanham, Otha B., Philippi, W. Va. Window-curtain pole. 1,444,972; Feb. 13.
Lankenau Hospital. (See Miller, Albert G., assignor.)
Lankston, Walter D., Robinson, Ill. Dump-body vehicle. 1,463,743; July 31.
Lanning, John G., assignor to Detroit Lubricator Company, Detroit, Mich. Fuelizer. 1,470,756; Oct. 16.
Lansdale, Ludwell D., Sugar Land, Tex. Concentrating apparatus. 1,442,672; Jan. 16.
Lansing, Richard H., Chicopee Falls, Mass. Rotary cutter. 1,447,091; Feb. 27.
Lansrud, Endre A., Des Moines, Iowa, assignor of one-half to A. O. Hauge, Des Moines, Iowa. Process and apparatus for removing foreign matter from gravel. 1,442,227; Jan. 16.
Lanston Monotype Machine Company. (See Bancroft, J. S., and Indahl, assignors.)
Lanston Monotype Machine Company. (See Booth, Joseph B. S., assignor.)
Lanston Monotype Machine Company. (See Indahl, Mauritz C., assignor.)
Lantier, Milfard J., Alexandria Bay, N. Y. Luggage carrier for automobiles. 1,458,347; June 12.
Lantz, George H., Omaha, Nebr. Resilient vehicle wheel. 1,456,066; May 22.
Lantz, James M., and E. C. Cason, Alma, Ark. Cotton-boll-weevil destroyer. 1,476,259; Dec. 4.
Lantz, Joseph E., Chicago, Ill. Automatic shield for circular saws. 1,465,224; Aug. 14.
Lantz, Robert. (See Wahl, A., and Lantz.)
Lanzerotti-Spina, Ettore, Bayswater, London, England. Internal combustion engine. 1,459,630; June 19.
Lanzit, Joseph J., Los Angeles, Calif., assignor, by mesne assignments, to National Paper Products Company, San Francisco, Calif. Paper pail. 1,448,362; Mar. 13.
Lanzius, Evelyn E. F., executrix. (See Lanzius, George.)
Lanzius, George, deceased, New York, N. Y.; E. E. F. Lanzius, executrix. Elastic shaft connection. 1,459,223; June 19.
La Perle, Louis, Holyoke, Mass. Windshield heater. 1,446,849; Feb. 27.
Laperou, August. (See Hakes, D. E., and Laperou.)
Lapham, Jared S., Northville, Mich., assignor of one-half to J. T. McMahon, Toledo, Ohio. Dishwashing machine. 1,440,472; Jan. 2.
Lapham, Jared S., Northville, Mich., assignor of one-half to J. T. McMahon, Toledo, Ohio. Cover drain for washing machines. 1,440,473; Jan. 2.
Lapham, Jared S., Northville, Mich., assignor of one-half to J. T. McMahon, Toledo, Ohio. Dishwashing machine. 1,473,301; Nov. 6.
Lapham, Ralph E., Oakland, Calif. Centrifugal separating means. 1,443,184; Jan. 23.
Lapham, Ralph E., Oakland, Calif. Centrifugal separator. 1,451,779; Apr. 17.
Lapham, Ralph E., Oakland, Calif. Centrifugal separating means. 1,456,737; May 29.
Lapidus, Isidore H., New York, N. Y. Arm bracelet or article of similar nature. Des. 61,982; Feb. 20.
Lapidus, Leon, Brooklyn, N. Y. Auto rear signal lamp. Des. 62,783; July 31.
La Pierre, Frank H. (See Winter, Arthur, assignor.)
La Pierre, Julian B., Chicago, Ill. Steering wheel. 1,448,132; Mar. 13.
Lapkin, Harry D., San Francisco, Calif., assignor to National Carbon Company, Inc. Coating battery electrodes. 1,467,047; Sept. 4.
La Plant, Albert, Bay City, Mich. Baby-carriage attachment. 1,467,811; Sept. 11.
La Plante, William R., St. Paul, Minn. Toy aeroplane. 1,467,861; Sept. 11.
Lapointe, Aimer. (See Charest, D., and Lapointe.)
Lapointe, Francis J., Ann Arbor, Mich. Broaching tool. 1,463,473; July 31.
Lapointe, J. N., Company, The. (See Amadon, Charles S., assignor.)
La Pointe, Victor E., Hartford, Conn. Broach. 1,449,764; Mar. 27.
Lapovsky, Abraham. (See Ward, Edward C., assignor.)
Lapworth Webbing Company. (See Foxon, Horace M., assignor.)
Larabee, Frank, Chicago, Ill. Puzzle. 1,477,371; Dec. 11.
Laraway, William H., Grand Rapids, Mich. Vending machine. 1,442,078; Jan. 16.
Laraway, William H., Grand Rapids, Mich. Vending machine. 1,477,134; Dec. 11.
Lard, Allan E., Washington, D. C., assignor to The Metallic Shaft Company, Wilmington, Del. Handle or grip surface. 1,441,986; Jan. 9.
Lard, Allan E., Washington, D. C., assignor to The Metallic Shaft Company, Wilmington, Del. Golf shaft. 1,450,091; Mar. 27.
Largy, James F., assignor to J. W. Murkland Company, Barton, Vt. Automatic shellacking machine. 1,470,850; Oct. 16.
Larimore, John W., Mountain Grove, Mo. Clutch. 1,447,024; Feb. 27.
Larivei, Felice F., Bath, England. Machinery for dyeing and treating textiles. 1,454,897; May 15.
La Riviere, Mathias J., Waterbury, Conn. Antiskid device. 1,450,779; Apr. 3.
La Rizza, Louis, Revere, Mass. Safety bathing suit. 1,468,505; Sept. 18.
Larkin Co. (See Green, Edward G., assignor.)
Larkin Co. (See Pedrick, William E., assignor.)
Larkin, John F., Hartford, Conn. Towel binder. 1,447,350; Mar. 6.
Larkins, Emil H., Cleveland, Ohio. Key fastener. 1,458,065; June 5.
Larkins, Ernest M., assignor to George Cutter Company, South Bend, Ind. Lamp hanger. 1,454,855; May 15.
Larned, William A., Summit, N. J., assignor to The Dayton Steel Racquet Company, Dayton, Ohio. Racket for tennis and similar games. 1,451,836; Apr. 17.
Larner, Chester W., Philadelphia, Pa., assignor to The William Cramp & Sons Ship & Engine Building Company. Plunger valve. 1,459,774; June 26.
Larner, Chester W., Philadelphia, Pa., assignor to The William Cramp & Sons Ship & Engine Building Company. Pressure-relief valve. 1,459,775; June 26.
Larner, Chester W., Philadelphia, Pa., assignor to The William Cramp & Sons Ship & Engine Building Company. Valve. 1,465,916; Aug. 21.
Larner, Chester W., Philadelphia, Pa., assignor to The William Cramp & Sons Ship & Engine Building Company. Valve. 1,466,130; Aug. 28.
Laroche, Henri J., Paris, France, and L. Montigny, Ghent, Belgium. Device for operating the spindles of spinning and twisting machines. 1,473,820; Nov. 13.
La Rose, Eugene E., assignor to Lasco Corporation, Niagara Falls, N. Y. Humidifying and filtering device for internal-combustion engines. 1,458,657; June 12.
Larrey, Teodoro. (See Godard, L., and Larrey.)
Larrey, Teodoro, and L. Godard, Mexico, Mexico. Boiler construction. 1,474,116; Nov. 13.
Larrús, Harry, and L. Krause, New York, N. Y. Electric nail-polishing machine. 1,472,876; Nov. 6.
Larry, Edward P., and D. J. Stein, New Orleans, La. Water movement power vessel. 1,448,029; Mar. 13.
Larry, Edwin C., assignor to General Railway Signal Co., Rochester, N. Y. Interlocking system for railways. 1,442,684; Jan. 16.
Larsen, Andrew, Fox Lake, Ill. Bow-facing oar. 1,476,987; Dec. 11.
Larsen, Arnold, Indianapolis, Ind. Combined torque rod and muffler. 1,468,241; Sept. 18.
Larsen, Edward A., Larkspur, Calif. Mold for making ship hulls and like floatable structures. 1,460,676; July 3.
Larsen, Haakon S., Christiania, Norway. Potato-planting machine. 1,461,396; July 10.
Larsen, Hans, Racine, Wis. Pneumatic toy. 1,461,193; July 10.
Larsen, Hans G., and W. C. Redfield, Chicago, Ill. Valve-refacing machine. 1,456,807; May 29.
Larsen, Lars, Ocean Falls, British Columbia, Canada. Cradling boom for cordwood. 1,465,716; Aug. 21.
Larsen, Louis, East Orange, assignor, by mesne assignments, to Sundh Electric Company, Newark, N. J. Fluid-circulating system. 1,477,270; Dec. 11.
Larsen, Louis B., and O. J. Holmes, Chicago, Ill. Film winding and delivery means for motion-picture devices. 1,463,620; July 31.
Larsen, Paul, Kenosha, Wis. Package lifter. 1,467,799; Sept. 11.
Larsen, Victor P., New York, N. Y., assignor to New York Blue Print Paper Co. Inc. Blue-print frame. 1,457,530; June 5.
Larsen, William. (See Jacobsen, Andrew, assignor.)

Larsh, Everett P., assignor to The Burnett-Larsh Manufacturing Company, Dayton, Ohio. Lubricating apparatus. 1,444,924; Feb. 13.

Larsh, Everett P., assignor, by mesne assignments, to The Duro Pump and Manufacturing Company, Dayton, Ohio. Lubricating apparatus. 1,451,701; Apr. 17.

Larsh, James E., Cheviot, assignor to The Fosdick Machine Tool Company, Cincinnati, Ohio. Clamping mechanism for radial drilling machines. 1,461,666; July 10.

Larson, Albert A., Onawa, Iowa. Freight-car door. 1,458,832; June 12.

Larson, Albert W., Madison, Wis. Ice-cream-slicing machine. 1,440,686; Jan. 2.

Larson, Alfred O., Rio, Wis. Spring-motor-driven fan and stop therefor. 1,455,534; May 15.

Larson, Arvid G., assignor to Dodge Tool Company, Grinnell, Iowa. Fuel-feeding device for internal-combustion engines. 1,451,228; Apr. 10.

Larson, Carl B., Irvington, N. J. Pivoted cutting tool. 1,447,991; Mar. 13.

Larson, Charles V., Chicago, Ill. Caliper reading glass. 1,472,074; Oct. 30.

Larson, Christian H., Guffey, Tex. Tire-rim rack. 1,462,455; July 17.

Larson, Clifford M., Chicago, Ill. Dilutometer. 1,449,334; Mar. 20.

Larson, Edward, Lerdala, Sweden. Safety device for portable firearms. 1,450,976; Apr. 10.

Larson, Emil, Chicago, Ill. Ruling-machine guide. 1,464,945; Aug. 14.

Larson, Emil J., Hammond, Ind. Hinge. 1,474,418; Nov. 20.

Larson, Henry I., Minneapolis, Minn., assignor to Good-Will Mfg. Company. Illuminated coin tray. 1,477,708; Dec. 18.

Larson, Ivan E., assignor of one-half to T. J. O'Brien, Rochester, N. Y. Combination scooter. 1,445,219; Feb. 13.

Larson, Joseph E., Seattle, Wash. Derrick. 1,471,853; Oct. 23.

Larson, Nathaniel P., Eagle Bend, Minn. Safety neck yoke. 1,477,066; Dec. 11.

Larson, Olef T., Stoughton, Wis. Milk-can ventilator. 1,476,300; Dec. 4.

Larson, Olef T., Stoughton, Wis., assignor of one-half to H. N. Klongland, Stoughton, Wis. Ladder attachment. 1,447,092; Feb. 27.

Larson, Oscar G. (See Anderson, R. E., and Larson.)

Larson, Peter S., Minneapolis, Minn. Auto frame. 1,448,133; Mar. 13.

Larson, Robert E., San Diego, Calif. Musical-instrument rack. 1,461,920; July 17.

Larson, Samuel, Hinsdale, Ill. Combination seed-fungus exterminator and sprayer. 1,447,874; Mar. 6.

Larson, Walfrid, Kingsburg, Calif. Water pump. 1,455,626; May 15.

Larson, Walter J., assignor of one-fourth to F. E. Gingrass and one-fourth to H. E. Harvie, Wrangell, Alaska. Internal-combustion engine. 1,475,440; Nov. 27.

Larsonneur, David L. A., Chicago, Ill. Governor. 1,451,365; Apr. 10.

Larsson, Carl A. (See Dawson, A. T., Buckham, and Larsson.)

Larsson, Gustaf H., Svedala, Sweden. Adjustable tool holder. 1,452,082; Apr. 17.

Larsson, Henry W. (See Loyd, Z. P., and Larsson.)

Larsson, Knut. (See Lienzén, D. L., and Larsson.)

Larsson, Thure, assignor to Norton Company, Worcester, Mass. Dressing tool for grinding wheels. 1,455,213; May 15.

Larsson, Thure, assignor to Norton Company, Worcester, Mass. Machine for casting bushings. 1,474,484; Nov. 20.

La Rue, Jesse A., Birmingham, Ala. Vaporizer for liquid fuel. 1,467,800; Sept. 11.

La Salle, Edmund B., assignor to United States Wind Engine and Pump Company, Batavia, Ill. Float valve. 1,442,228; Jan. 16.

La Sares, George C., Springfield, Mass., assignor to C. E. Bradley Corporation, Brattleboro, Vt. Jump rope. 1,462,088; July 17.

Lasater, Lura A., Houston, Tex. Belt. 1,463,553; July 31.

Lasco Corporation. (See La Rose, Eugene E., assignor.)

Lash, David C., Shirley, Mass. Garter. 1,454,933; May 15.

Lash, Frank S. (See Church, E. D., Lash, and Van Brunt.)

Lash, Horace W., San Francisco, Calif. Metal bloom and making same. 1,477,135; Dec. 11.

Lashar, Thomas B., Bridgeport, Conn., assignor to Associated Silver Company, Chicago, Ill. Alloy knife hardening or tempering. 1,454,387; May 8.

Lasher, Elias, Catskill, N. Y. Vehicle seat. 1,457,843; June 5.

Lasher, Henry M., assignor to The Kansas City Gasoline Company, Kansas City, Kans. Refining hydrocarbon oils. 1,457,068; May 29.

Lasher, Hiram S., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,465,943; Aug. 28.

Laska, August L., and A. Zitscher, Offenbach-on-the-Main, assignors to Chemische Fabrik Griesheim-Elektron, Frankfort-on-the-Main, Germany. Black azo dyestuffs and making same. 1,452,083; Apr. 17.

Laska, August L., and A. Zitscher, Offenbach-on-the-Main, assignors to the Corporation Chemischefabrik Griesheim-Elektron, Frankfort-on-the-Main, Germany. Azo dyestuffs and making same. 1,457,114; May 29.

Lasker, George, Chicago, Ill. Plate-punching machine. 1,459,776; June 26.

Lasker, William W., Brooklyn, assignor, by mesne assignments, to Powers Accounting Machine Corporation, New York, N. Y. Sorting machine. 1,476,161; Dec. 4.

Laskey, William B., Marblehead, Mass. Making candy. 1,446,189; Feb. 20.

Laskey, William B., Marblehead, Mass. Candy-making machine. 1,466,509; Aug. 28.

Laskey, William B., Marblehead, Mass., assignor, by mesne assignments, to The Chocolate Sponge Co., Inc., Brooklyn, N. Y. Die for making porous candies. 1,468,535; Sept. 18.

Lasko, Abraham, et al. (See Lasko, Joseph, assignor.)

Lasko, Joseph, assignor of one-half to A. Lasko and M. Lasko, New York, N. Y. Watchcase. 1,477,569; Dec. 18.

Lasko, Max, et al. (See Lasko, Joseph, assignor.)

Lasner, Esther, Pittsburgh, Pa. Child's underwaist. 1,443,994; Feb. 6.

La Societe Anonyme des Elevateurs de Liquides "Chaine-Helice" Bessonuet-Favre. (See Gennevois, Emile, assignor.)

La Societe des Phonographes Automatiques. (See De Vere, Cyril, assignor.)

La Société d'Etudes et de Constructions Metallurgiques. (See Jombart, Félix, assignor.)

La Société dite: Usines Metallurgiques de la Basse-Loire. (See Bauret, René, assignor.)

La Societe La Cellophane. (See Brandenberger, Jaques E., assignor.)

La Societe La Cellophane, Siège Social. (See Brandenberger, Jacques E., assignor.)

La Societe: Usines Metallurgiques de la Basse-Loire. (See Bauret, René, assignor.)

Lassen, Alma M., New York, N. Y. Dress shield. 1,475,018; Nov. 20.

Lassen, Harry O., Seattle, Wash. Pneumatic suspension for vehicle bodies. 1,464,680; Aug. 14.

Lassiter, Columbus K., and J. Kindervater, New York, N. Y. Making return bends. 1,442,480; Jan. 16.

Lassiter, Columbus K., and J. Kindervater, New York, N. Y. Device for making pipe bends. 1,442,481; Jan. 16.

Lassiter, Columbus K., and J. Kindervater, New York, N. Y. Condensation separator and collector. 1,442,482; Jan. 16.

Lasure, Floyd E., Waukesha, Wis. Tobacco pipe. 1,461,126; July 10.

Lasure, Floyd E., Waukesha, Wis. Tobacco pipe. 1,461,127; July 10.

Latham, Albert, Beverly, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Work support and last. 1,448,070; Mar. 13.

Latham, Albert, Beverly, Mass., assignor to American Button & Fastener Co., Augusta, Me. Assembling buttons. 1,456,024; May 22.

Latham, Le Roy, Plandome, and J. Caggiano, New York, N. Y., said Caggiano assignor to said Latham. Sticking up sheets. 1,448,134; Mar. 13.

Latham, Logan L., Latham, Mo. Bottle attachment. 1,449,335; Mar. 20.

Latham Machinery Company. (See Leschhorn, Ernest, assignor.)

Lather, Carl, assignor of one-half to F. Joseph, Chicago, Ill. Velocipede. 1,453,469; May 1.

Lathey, Sumner. (See Reed, William A., assignor.)

Lathrop, Harry D. (See McEwan, Charles F., assignor.)

Lathrop, Harry D. (See Paulson, Walter H., assignor.)

Lathrop, Harry D., Chicago, Ill. Can-washing machine. 1,444,925; Feb. 13.

Lathrop, Harry D., Chicago, Ill. Bottle-washing machine. 1,445,775; Feb. 20.

Lathrop, Harry D., Chicago, Ill. Can-inverting means. 1,445,776; Feb. 20.

Lathrop, Harry D., Chicago, Ill. Sprayer. 1,462,970; July 24.

Lathrop, Harry D., Chicago, Ill. Can-washing machine. 1,465,734; Aug. 21.

Lathrop, Willard O., Cincinnati, Ohio. Bedspring structure. 1,456,738; May 29.

Latiff, Henry, Middlesboro, Ky. Vehicle curtain construction. 1,454,681; May 8.

Latimer, George M., Carpinteria, Calif. Burner. 1,449,336; Mar. 20.

Latimer, John W., Cleveland, Ohio, assignor to Johns-Manville Incorporated. Water-tight pipe conduit. 1,466,054; Aug. 28.

Latimer, Maurice C., Cannelton, Ind. Display device. 1,447,875; Mar. 6.

Latour, Marius, Paris, France. Radio receiving system. 1,447,793; Mar. 6.

Latour, Marius, Paris, France. Telephone repeating system. 1,462,368; July 17.

Alphabetical list of patentees—Continued.

Latour, Marius, Paris, France. Device for high-frequency signaling. 1,470,628; Oct. 16.

Latour, Marius C. A., London, England. Two-phase high-frequency electric alternating-current generator. 1,449,863; Mar. 27.

Latrace, Septiamus, Saskatoon, Saskatchewan, Canada. Folding door for garages. 1,451,619; Apr. 10.

Latshaw, Adam, Dubois, Pa. Traffic signal. 1,450,636; Apr. 3.

Latshaw, Charles E., Minneapolis, Minn. Decimal-point calculator. 1,474,533; Nov. 20.

Latta, Charles, assignor to J. Bum, St. Louis, Mo. Frame for supporting vehicle license plates. 1,465,944; Aug. 28.

Latta, Emmit G., Syracuse, N. Y. Portable typewriting machine and case therefor. 1,468,880; Sept. 25.

Latta, George D. (See Heuer, F. T., and Latta.)

Latta, James D. (See Latta, John and J. D.)

Latta, John and J. D., Ayr, Scotland. Die-forging hammer. 1,459,592; June 19.

Latta & Manders Co. et al. (See Latta, William W., assignor.)

Latta, William W., assignor of one-third to E. Barchardt, one-third to P. W. Wirth, and one-third to Latta & Manders Co., Minneapolis, Minn. Carbonizing machine. 1,476,988; Dec. 11.

La Tulip, Fred L., Los Angeles, assignor of five-eighths to W. D. Nicholson, Long Beach, Calif. Tire casing. 1,464,206; Aug. 7.

Latz, Harry L., Atlantic City, N. J. Communication sheet. 1,460,492; July 3.

Laub, Leon. (See Mosauer, H. D., and Laub.)

Lauby, Aloysius L., Antigo, Wis. Track-rail joint and safety device. 1,462,290; July 17.

Läuchli, Carl, Dubendorf, near Zurich, Switzerland, assignor to the Firm Continental-Licht- und Apparatebau-Gesellschaft, Frankfurt-on-the-Main, Germany. Gas generator. 1,475,496; Nov. 27.

Lauchly, Ben W., Jackson, Miss. Automatic picture-slide display apparatus. 1,443,711; Jan. 30.

Lauer, Karl, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Internal gauge. 1,451,736; Apr. 17.

Lauer, William E., assignor, by mesne assignments, to Athletic Health Chair Company, St. Louis, Mo. Exerciser. 1,456,317; May 22.

Lauer, William M., Glens Falls, N. Y. Trolley lock 1,473,567; Nov. 6.

Laufe, Charles, New York, N. Y. Hair-waving comb 1,450,860; Apr. 3.

Laughery, Mrs. E. A. (See Schultz, Edward, assignor.)

Laughlin, Edward A., Port Arthur, Tex. Building construction. 1,444,798; Feb. 13.

Laughlin, Edward A., Port Arthur, Tex. Routing mechanism. 1,462,234; July 17.

Laughlin, Elmyr A., Oregon, Ill. Car mounting. 1,468,596; Sept. 10.

Laughlin, Elmyr A., Oregon, Ill. Producing stock feed from coarse farm products. 1,477,964; Dec. 18.

Laughlin, J. Page, Holdings Company. (See Rossignol, Aaron T., assignor.)

Laughlin, John. (See Hobeck, A., and Laughlin.)

Laughlin, Myron P., assignor to American Engineering Company, Philadelphia, Pa. Stoker mechanism. 1,441,097; Jan. 2.

Laughrin, George, Chava, Ill. Dirigible-lamp structure for automobiles. 1,478,283; Dec. 18.

Lauhoff, Frank, Detroit, Mich. Resilient wheel. 1,473,483; Nov. 6.

Lauke, Max, North Bergen, N. J. Automatic recording device. 1,478,612; Dec. 25.

Laukhuf, Blanche I., Gardena, Calif. Scrub-brush attachment for mops. 1,444,616; Feb. 6.

Laupitz, Robert, Dresden-Radebeul, Germany. Transfer mechanism for adding and subtracting machines. 1,449,823; Mar. 27.

Laurel Motors Corporation. (See Roof, Robert M., assignor.)

Laurén, Lars W., assignor of one-half to E. E. Ericsson Rosta, Orebro, Sweden. Folding bucket or the like. 1,454,388; May 8.

Laurence, William L., Brooklyn, N. Y. Device for attaching cushion heels. 1,467,801; Sept. 11.

L'Aureole Co. (See Krysztofiak, Josef, assignor.)

Laureyns, Gustave G., Newark, N. J. Safety device for sidewalk-elevator-shaft doors and the like. 1,446,299; Feb. 20.

Laureyns, Gustave G., Newark, N. J. Safety mechanism for elevator shaft doors. 1,453,073; Apr. 24.

Laureyns, Gustave G., Newark, N. J. Safety appliance for elevator-car gates and elevator-shaft doors. 1,453,074; Apr. 24.

Laurie, Alexander, Des Moines, Iowa. Scoop attachment for traction engines. 1,477,136; Dec. 11.

Laurin, Raoul. (See Quintal, Domina, assignor.)

Lauritsen, Bertran, Marvin, S. Dak. Jar or can holder. 1,445,441; Feb. 13.

Lauritzen, Alfred and V., Laeken-Brussels, Belgium. Safety device against the theft of motor cars. 1,463,218; July 31.

Lauritzen, Victor. (See Lauritzen, Alfred and V.)

Laursen, Laurits A., Eau Claire, Wis., assignor to J. T. Joyce, trustee for United States Auto Gear Shift Company. Gear-shifting device. 1,462,139; July 17.

Laury, Titus H., Detroit, Mich. Saw sharpening and setting machine. 1,455,917; May 22.

Lauster, Wilbert E., Yatesboro, Pa. Valve-testing device. 1,462,115; July 17.

Lautenschlager, William F., Cincinnati, Ohio. Sewing machine. 1,474,269; Nov. 13.

Lauter, Ignatz, and F. G. Hoppe, New York, N. Y. Stylus-bar mounting. 1,473,707; Nov. 13.

Lauterbach, Alexander B. (See Heinitsh, W. W., Shalkop, and Lauterbach.)

Lauterbach, Alexander B., Philadelphia, Pa., assignor to The De Luxe Brush Company, Wilmington, Del. Safety razor. 1,470,757; Oct. 16.

Lauterbur, Frank X., Sidney, Ohio. Mixing machine. 1,463,744; July 31.

Lauth, Jacob, Chicago, Ill. Clutch mechanism. 1,470,268; Oct. 9.

Lautz, Frederick C., Vauxhall, N. J., assignor to David Belais, Inc., New York, N. Y. Finger ring or similar article. Des. 63,468; Dec. 11.

Lautz, Frederick C., Vauxhall, N. J., assignor to David Belais, Inc., New York, N. Y. Finger ring or similar article. Des. 63,469; Dec. 11.

Lautz, Frederick C., Vauxhall, N. J., assignor to David Belais, Inc., New York, N. Y. Finger ring or similar article. Des. 63,470; Dec. 11.

Lautz, Frederick C., Vauxhall, N. J., assignor to David Belais, Inc., New York, N. Y. Finger ring or similar article. Des. 63,471; Dec. 11.

Lautz, Frederick C., Vauxhall, N. J., assignor to David Belais, Inc., New York, N. Y. Finger ring or similar article. Des. 63,472; Dec. 11.

Lautz, Frederick C., Vauxhall, N. J., assignor to David Belais, Inc., New York, N. Y. Finger ring or similar article. Des. 63,473; Dec. 11.

Lautz, Frederick C., Vauxhall, N. J., assignor to David Belais, Inc., New York, N. Y. Finger ring or similar article. Des. 63,474; Dec. 11.

Lavagetto, Joseph T. L., Portland, Oreg. Ship construction. 1,453,588; May 1.

Lavalle, Charles F., Newmarket, N. H. Loom. 1,462,603; July 24.

Lavalle, Charles F., Newmarket, N. H. Tension regulator for selvage spools. 1,462,604; July 24.

La Valle, Louis J., Warren, Pa. Animal trap. 1,459,897; June 26.

La Valley, Wallace, Hancock, N. Y. Animal trap. 1,470,453; Oct. 9.

La Veck, Louis, assignor to Simplex Paper Accessories Co., Inc., Brooklyn, N. Y. Counting apparatus. 1,460,101; June 26.

Lavender, William. (See Whitcomb, F., Lavender and Calvert.)

La Vercombe, Harley H., Detroit, Mich. Grinding-wheel-test device. 1,446,977; Feb. 27.

Laverdière, Patrick, Lac Megantic, Quebec, Canada. Railway brake. 1,442,890; Jan. 23.

Lavere, Thomas J., Bethel, Vt. Flue cleaner. 1,441,098; Jan. 2.

Laverence, John W., Fremont, Nebr. Automobile gate. 1,460,200; June 26.

Lavers, Charles W., Halifax, Nova Scotia, Canada. Detachable shoe heel of the plate type. 1,463,427; July 31.

Lavers, Charles W., Halifax, Nova Scotia, Canada. Detachable shoe heel of the embedded-washer type. 1,463,428; July 31.

Lavier, Charles, Syracuse, N. Y. Garment-pressing machine. 1,463,397; July 31.

La Viers, James A., Portland, Oreg. Brake. 1,472,302; Oct. 30.

Laviettes, Harry L., New Haven, Conn. Windshield cleaner. 1,441,593; Jan. 9.

Lavigne, Henry F., and A. Gaudreau, Plainfield, Conn. Check spring for looms. 1,443,225; Jan. 23.

Lavigne, Joseph P., and L. Spinks, Detroit, Mich.; said Lavigne assignor to said Spinks. Adjustable coin hopper. 1,443,481; Jan. 30.

Lavigne, Joseph W., Worcester, Mass. Drinking cup. 1,453,015; Apr. 24.

Lavine, John W., Bridgeport, Conn. Pull-socket current tap. 1,465,735; Aug. 21.

Lavoie, Alphonse J., Montreal, Quebec, Canada. Steering mechanism. 1,442,161; Jan. 16.

Lavoie, Alphonse J., Montreal, Quebec, Canada. Chuck. 1,454,121; May 8.

Lavoie, Joseph, Montreal, Quebec, Canada. Electric heater. 1,445,600; Feb. 13.

Lavoie, Joseph, Manchester, N. H., assignor to Draper Corporation, Hopedale, Mass. Harness stop motion. 1,445,629; Feb. 20.

Lavoie, Joseph P., Montreal, Quebec, Canada. Driving mechanism. 1,468,413; Sept. 18.

Law, James C., Scranton, Pa. Horseshoe pad. 1,478,874; Dec. 25.

Lawaczeck, Franz, Halle-on-the-Saale, and H. Heymann, Darmstadt, Germany. Apparatus for balancing machinery. 1,457,629; June 5.

La Wall, Harold J., and C. E. Wetzel, Philadelphia, Pa. System of bookkeeping. 1,462,140; July 17.

Lawhead, William T., Cainesville, Mo. Hog-trough guard. 1,470,629; Oct. 16.
La White, Henry. (See La White, Oliver and H.)
La White, Oliver and H., Glens Falls, N. Y. Fiber-dressing apparatus. 1,472,419; Oct. 30.
Lawler, Frank P., San Francisco, Calif. High-tension disconnecting switch. 1,464,368; Aug. 7.
Lawler, Joseph A., Paterson, N. J. Swimming device. 1,477,506; Dec. 11.
Lawless, Lou L., Tomahawk, Wis. Railway-crossing signal gate. 1,443,226; Jan. 23.
Lawlor, James M., Topeka, Kans. Sawhorse. 1,462,707; July 24.
Lawlor, James M., Topeka, Kans. Screw-driver attachment. 1,468,969; Sept. 25.
Lawlor, James M., assignor of one-half to T. H. Cutsinger, Topeka, Kans. Optician's tool. 1,450,959; Apr. 10.
Lawlor, Simeon C., Chicago, Ill. Wringing apparatus. 1,469,942; Oct. 9.
Lawn, William E., Rochester, N. Y. Landing attachment for aeroplanes. 1,444,926; Feb. 13.
Lawrence, Arthur H., assignor to J. B. Brooks and Company Limited, Birmingham, England. Cycle, motor-cycle, and analogous saddles. 1,469,227; Oct. 2.
Lawrence, Benjamin, London, England. Transmission gear for motor vehicles. 1,441,099; Jan. 2.
Lawrence, Benjamin E., Chicago, Ill. Menu-card holder. 1,444,193; Feb. 6.
Lawrence, E. V., Safety Brake Company. (See Lawrence, Edward V., assignor.)
Lawrence, Edward V., Englewood, N. J., assignor to E. V. Lawrence Safety Brake Company, Inc., New York, N. Y. Brake. 1,444,194; Feb. 6.
Lawrence, Frederick K., Chicago, Ill., assignor to Self-Mounting Carrier Company, Wilmington, Del. Tire rack. Re15,546; Feb. 20.
Lawrence, Frederick K., Chicago, Ill., assignor to Self Mounting Carrier Company, Wilmington, Del. Carrier for spare wheels and the like. 1,460,592; July 3.
Lawrence, Frederick K., Chicago, Ill., assignor to Self-Mounting Carrier Company, Wilmington, Del. Carrier for spare wheels and the like. 1,472,983; Nov. 6.
Lawrence, George L., jr., Melrose, and L. A. Field, Malden, Mass., assignors to Boston Rubber Shoe Company. Recording gauge for sheet stock. 1,446,300; Feb. 20.
Lawrence, George R., assignor to Commonwealth Engineering Company, Chicago, Ill. Hydrocarbon-consuming heating apparatus. 1,445,965; Feb. 20.
Lawrence, Jessie B., La Crosse, Wis. Garment. 1,470,851; Oct. 16.
Lawrence, John, San Diego, Calif. Ventilating, heating, cooling, and shade apparatus for rooms. 1,467,005; Sept. 4.
Lawrence, John T., Newark, N. J. Paint. 1,450,688; Apr. 3.
Lawrence, Joseph A., Lindsay, Okla. Churn. 1,478,748; Dec. 25.
Lawrence, Joseph L., Philadelphia, Pa., and C. H. Westacott, Riverton, N. J. Ticket dater. 1,446,013; Feb. 20.
Lawrence, Oscar A., assignor to U. H. Roberts, San Francisco, Calif. Window spring. 1,462,235; July 17.
Lawrence Paper Manufacturing Company. (See Hill, I., and Dinsmoor, assignors.)
Lawrence Paper Manufacturing Company. (See Saylor, H. A., Peck, and Dinsmoor, assignors.)
Lawrence, Samuel E., Saybrook, Ill. Vehicle towing mechanism. Re15,649; July 10.
Lawrence, Walter H., assignor of one-half to W. A. Wells, Council Bluffs, Iowa. Car-door lock. 1,453,510; May 1.
Lawrence, William, Harcourt, Iowa. Combination scoop board and end gate. 1,470,269; Oct. 9.
Lawrence, William B., Suffolk, Va. Directional signal. 1,474,936; Nov. 20.
Lawrence, William J., Toledo, Ohio. Furnace. 1,453,361; May 1.
Lawrence, William M., Coeburn, Va. Liquid-level indicator. 1,467,548; Sept. 11.
Lawrence, Winthrop S. (See Daniels, L. C., and Lawrence.)
Lawrenz, Emil, Detroit, Mich. Ruling pen. 1,463,285; July 31.
Lawrie, Harold N. (See White, U. B., and Lawrie.)
Lawry, Raymond G., assignor to Roberts & Schaefer Company, Chicago, Ill. Screening coal. 1,444,195; Feb. 6.
Lawson, Alfred A., Windsor, Ontario, Canada. Key fastener. 1,455,627; May 15.
Lawson, Davenport, assignor to Goodyear Redwood Co., Elk, Calif. Lead block. 1,458,231; June 12.
Lawson, David L., Orby, Calif. Lubricating device. 1,471,038; Oct. 16.
Lawson, George W., New York, N. Y. Marine propeller. 1,455,591; May 15.
Lawson, Gottfrid C., Cleveland, Ohio. Pipe wrench. Re15,674; Aug. 14.
Lawson, Jasper C., Los Angeles, Calif. Bumper for vehicles. 1,477,067; Dec. 11.
Lawson, John A., West Haven, Conn. Road guard. 1,449,518; Mar. 27.
Lawson, Lindley S., Pittsburgh, Pa. Gas stove. Des. 62,955; Aug. 28.
Lawson, Robert H., assignor to Hemphill Company, Central Falls, R. I. Knitting machine and producing split fabric. 1,458,833; June 12.
Lawson, Robert H., assignor to Hemphill Company, Central Falls, R. I. Knitting machine and forming reenforcements. 1,459,157; June 19.
Lawson, Robert H., assignor to Hemphill Company, Central Falls, R. I. Making stockings. 1,467,549; Sept. 11.
Lawson, Samuel H., Victoria, British Columbia, Canada. Air cooling system. 1,448,071; Mar. 13.
Lawson, Sidney C., Deer Lodge, Mont. Tractor saw attachment. 1,464,878; Aug. 14.
Lawter, Alva H. (See Lawter, Thomas F. and A. H.)
Lawter, Thomas F. and A. H., Newcastle, Ind. Combustion-promoting device. 1,468,536; Sept. 18.
Lawton, Alfred, Manchester, England. Apparatus for the manufacture of hollow India-rubber balls. 1,467,438; Sept. 11.
Lawton, Hugh M., Bellevue, Ky., assignor to The Cincinnati Time Recorder Company, Cincinnati, Ohio. Time recorder. No. 1,441,435; Jan. 9.
Lawton, Hugh M., Bellevue, Ky., assignor to The Cincinnati Time Recorder Company, Cincinnati, Ohio. Card rack. 1,473,821; Nov. 13.
Lay, Charles H., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 1,442,811; Jan. 23.
Layer, George. (See Schuck, C., jr., and Layer.)
Layman, Frank E., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Molding machine. 1,444,617; Feb. 6.
Layman, Hebron B., assignor to The Layman Pressed Rod Company, Inc., New York, N. Y. Connecting rod. 1,444,471; Feb. 6.
Layman, Hebron B., assignor to The Layman Pressed Rod Company, Inc., New York, N. Y. Connecting rod. 1,444,472; Feb. 6.
Layman Pressed Rod Company, The. (See Layman, Hebron, B., assignor.)
Layne and Bowler Company. (See Noland, John D., assignor.)
Layne, James W., Danville, Va. Scraper. 1,463,745; July 31.
Layne, Mahlon E., Los Angeles, Calif. Well mechanism. 1,453,847; May 1.
Layne, Mahlon E., Houston, Tex. Movable power unit. 1,462,708; July 24.
Layne, Mahlon E., and S. N. Hall, Los Angeles, Calif., said Hall assignor to said Layne. Well mechanism. 1,447,992; Mar. 13.
Layne, Mahlon E., and S. N. Hall, Los Angeles, Calif.; said Hall assignor to said Layne. Pump mechanism. 1,469,419; Oct. 2.
Layne, William R., Richmond, assignor to Standard Oil Company, San Francisco, Calif. Shaft bearing. 1,454,682; May 8.
Layng, Harai R., deceased, San Francisco, Calif.; H. F. Layng, administratrix. Wet chloridizing volatilization process. 1,465,138; Aug. 14.
Layng, Hattie F., administratrix. (See Layng, Harai R.)
Laystrom, Hilding A., Chicago, Ill. Bicycle stand. 1,468,161; Sept. 18.
Layton, Ernest H., Los Angeles, Calif. Distributor. 1,445,442; Feb. 13.
Layton, Shirley T., Winnipeg, Manitoba, Canada. Modeling appliance. 1,449,519; Mar. 27.
Lazaga, Ignacio, Salem, Va. Web-feeding device. 1,451,579; Apr. 10.
Lazaga, Ignacio, Salem, Va. Machine for packaging articles. 1,452,692; Apr. 24.
Lazar, Leon, New York, N. Y. Adjustable spotlight for dental chairs. 1,469,841; Oct. 9.
Lazar, Leon, New York, N. Y. Adjustable spotlight for dental chairs. 1,469,928; Oct. 9.
Lazar, William T., Appleton, Wis. Paper-interfolding machine. 1,457,978; June 5.
Lazarus, Albert, New York, N. Y. Chopper. 1,457,374; June 5.
Lazarus, Charles G., et al. (See Lehmann, J. C., and Timmerman, assignors.)
Lazear, Gladys M., Kew Gardens, N. Y. Child's car. 1,477,444; Dec. 11.
Lazear, William H., Berkeley, Calif. Toy wagon. 1,444,510; Feb. 6.
Lazerick, David L., Cleveland, Ohio. Punctureproof reliner for pneumatic tires and casings. 1,461,217; July 10.
Lazier, Arthur A., Buffalo, N. Y. Timing device for internal-combustion engines. 1,463,474; July 31.
Lazier, Thomas C., Belleville, Canada, assignor, by mesne assignments, to Natural Air Dryers, Inc. Drying apparatus for lumber. 1,464,323; Aug. 7.
Lazier, Thomas C., Belleville, Canada, assignor, by mesne assignments, to Natural Air Dryers, Inc. Drying apparatus for discrete masses. 1,464,324; Aug. 7.
Lazier, Thomas C., Belleville, Canada, assignor, by mesne assignments, to Natural Air Dryers, Inc. Drying apparatus. 1,464,325; Aug. 7.
"L'Azote Francais," S. A. (See Guye, P. A., and Schmidt, assignors.)
Lazzari, Alberto, New York, N. Y. Float-operated circuit closer. 1,476,525; Dec. 4.

Alphabetical list of patentees—Continued.

Lazzari, Leone, Greenville, N. J. Ventilated waterproof shoe. 1,455,535; May 15.
Lea, Charles, Boston, Mass., assignor, by mesne assignments, to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Cross-weaving loom. 1,447,351; Mar. 6.
Lea, Frank D., Findlay, Ohio. Truck for talking machines. 1,465,945; Aug. 28.
Lea, Charles H., et al. (See Westman, Almar E., assignor.)
Lea, James E., Manchester, England. Apparatus for measuring granular or powdered material. 1,473,633; Nov. 13.
Lea, John M., Detroit, Mich. Battery-plate-treating apparatus. 1,473,108; Nov. 6.
Lea, Lillian M., Tottenville, N. Y. Shampoo cup. 1,468,537; Sept. 18.
Lea, Norman, London, England. Modulated signaling system particularly applicable to wireless signaling. 1,455,845; May 22.
Leach, Blanche, Reno, Nev. Stovepipe lock. 1,460,255; June 26.
Leach, Ed. (See Gray, John R., assignor.)
Leach, Ernest C. (See Peterson, O. T., and Leach.)
Leach, Henry G. and J. S., Brooklyn, N. Y. Amplifying receiver. 1,474,973; Nov. 20.
Leach, James M., Smithton, Pa. Shipping case. 1,465,225; Aug. 14.
Leach, John J., Indian Orchard, Mass. Gate valve. 1,475,191; Nov. 27.
Leach, Joseph S. (See Leach, Henry G., and J. S.)
Leach, Lester L. (See Entwisle, E. F., Howell, and Leach.)
Leach, Troy A. (See Harris, L. E., and Leach.)
Leach, William W., Mansfield, Ohio. Loader. 1,447,255; Mar. 6.
Leach, William W., Mansfield, Ohio. Crate. 1,463,512; July 31.
Leadbetter, William H., Dallas, Tex. Soil-shedding agricultural implement. 1,445,148; Feb. 13.
Leader, John. (See Litwiller, T., and Leader.)
Leager, Samuel F., and F. H. Vliet, Spotswood, N. J. Spark plug. 1,465,582; Aug. 21.
Leahy, Frank C., and G. H. Hileman, Detroit, Mich. Antiseptic container. 1,452,299; Apr. 17.
Leahy, Herbert V., et al. (See Leahy, Herbert V., assignor.)
Leahy, Herbert V., Los Angeles, Calif., assignor, by mesne assignments, to F. Brown and H. V. Leahy. Carburetor. 1,445,328; Feb. 13.
Leahy, Josephine M., Houston, Tex. Filing system. 1,474,196; Nov. 13.
Leahy, Richard A., Bonne Terre, Mo. Apparatus for screening granular materials. 1,456,067; May 22.
Leak, Charles, Centerville, Iowa. Combination tool. 1,477,833; Dec. 18.
Leak, Edward C., Reno, Nev. Brush grubber and leveler. 1,469,517; Oct. 2.
Leake, George, Mason City, Iowa. Transom lift. 1,460,023; June 26.
Leake, Richard C., assignor to General Railway Signal Company, Rochester, N. Y. Point detector. 1,442,685; Jan. 16.
Leake, Thomas S., San Francisco, Calif. Tractor. 1,463,366; July 31.
Leander, Axel A., Seattle, Wash. Game device. 1,448,454; Mar. 13.
Leander, Axel A., Seattle, Wash. Garment. 1,448,455; Mar. 13.
Leander, Axel A., Seattle, Wash. Cloth folding and measuring device. 1,449,049; Mar. 20.
Leane, Sidney A., Farrell's Flat, South Australia, Australia. Container for matches. 1,462,971; July 24.
Learman, Frank J., assignor to Buffalo Specialty Company, Buffalo, N. Y. Polishing mop. 1,461,003; July 3.
Leary, William E., Placerville, Idaho. Saw set. 1,465,606; Aug. 21.
Leary, William L. (See Edwards, Bruce V., assignor.)
Leas, Bert E., Luverne, Minn. Rake. 1,442,686; Jan. 16.
Leas, Bert E., Luverne, Minn. Rake. 1,442,687; Jan. 16.
Leas, Bert E., Luverne, Minn. Rake. 1,471,964; Oct. 23.
Leas, Harold L., Waukon, Iowa. Valve. 1,464,007; Aug. 7.
Leathem, James, Lebanon, Pa. Rotary hook or loop taker for sewing machines. 1,443,418; Jan. 30.
Leathem, James, Lebanon, Pa. Sewing machine. 1,464,081; Aug. 7.
Leather, John, Waterbury, Conn. Lingerie clasp. 1,444,030; Feb. 6.
Leatherman, Robert L., and A. M. Yockey, Mount Pleasant, Pa. Folding table. 1,475,401; Nov. 27.
Leavenworth, Seth H., Rochester, N. Y. Metal surfacing or abrading machine. 1,457,979; June 5.
Leavenworth, Seth H., assignor to The Van Bergh Silver Plate Co., Rochester, N. Y. Spiritual-mass card tray. Des. 63,565; Dec. 18.
Leaver, Edmund S., Tucson, Ariz., assignor of one-third to C. E. van Barneveld, St. Louis, Mo., and one-third to L. R. Eckman, Tucson, Ariz. Making solutions containing sulphuric acid and ferric sulphate. 1,477,965; Dec. 18.
Leaver, James M. and J. M., jr., Oakland, Calif. Lumber sorter. 1,466,909; Sept. 4.
Leaver, James M., jr. (See Leaver, James M. and J. M., jr.)
Leavitt, Grace, Ashland, Oreg. Doughnut fryer. 1,449,948; Mar. 27.
Leavitt, Harvey H., Wadesboro, N. C. Burial apparatus. 1,450,092; Mar. 27.
Leavitt Mfg. Company. (See Christopher, Daniel L., assignor.)
Leavitt, Samuel W. (See Marshall, J. F., and Leavitt.)
Le Beau, Ernest A., assignor to Chicago Railway Equipment Company, Chicago, Ill. Third or fourth point suspension support mount or bracket for brake beams. 1,453,684; May 1.
Le Beau, Fernando J., et al. (See Peterson, Earl W., assignor.)
Leber, George J. (See Smith, O. A., and Leber.)
Leber, George J., Cleveland, Ohio. Washline reel. 1,455,348; May 15.
Lebherz, Harry J., Frederick, Md. Bag support. 1,455,536; May 15.
Leblanc, Carlos. (See Fernandez, J. V., and Leblanc.)
Leblanc, Charles L. A. M., assignor to Societe Anonyme Pour l'Exploitation des Procedes Maurice Leblanc-Vickers, Paris, France. Commutating system for electrical machines. 1,461,446; July 10.
Leblanc, Charles L. A. M., assignor to Société Anonyme pour l'Exploitation des Procédés Maurice Leblanc-Vickers, Paris, France. Balancing disturbing forces and couples which are produced in a reciprocating engine. 1,472,012; Oct. 23.
Le Blanc, Ernest M., New Orleans, La. Garment-display stand. 1,464,431; Aug. 7.
Le Blanc, Joseph A., Salem, Mass. Nonskidding tire shoe. 1,451,074; Apr. 10.
Leblanc, Maurice, Val-sur-Seine par Croissy, France, assignor to Societe Anonyme pour l'Exploitation des Procedes, Westinghouse Leblanc, Paris, (Seine), France. Steam-ejector apparatus. 1,461,447; July 10.
Leblanc, Maurice, assignor to Ste. Anonyme Pour l'Exploitation de Procedes Westinghouse Leblanc, Paris, France. Exhaust arrangement for steam ejectors. 1,475,441; Nov. 27.
Lebleson, Minnie, Guttenberg, N. J. Strainer and stopper for pipes. 1,461,317; July 10.
Le Blond, R. K., Machine Tool Company, The. (See Groene, William F., assignor.)
Le Boeuf, Arthur W., Woonsocket, R. I., assignor to M. J. Whittall and A. Thomas, Worcester, Mass. Brush machine. 1,449,424; Mar. 27.
Lebow, Maurice, assignor to Dorf & Company, Baltimore, Md. Adjustable cap. 1,461,623; July 10.
Lebreton, Anna, and E. Talbot, Seattle, Wash. Street indicator. 1,460,854; July 3.
Lebros Manufacturing Co., Inc., The. (See Levin, Jacob, assignor.)
Le Bus, Franklin L. (See Le Bus, George F. and F. L.)
Le Bus, George F. (See Lebus, John E., assignor.)
Le Bus, George F. and F. L., Electra, Tex. Wrench. 1,476,341; Dec. 4.
Lebus, John E., Electra, assignor to G. F. Le Bus, Wichita County, Tex. Toothless slip and elevator. 1,477,709; Dec. 18.
Lebwohl, Benjamin, assignor of one-half to B. Mindich, New York, N. Y. Combined cigar or cigarette and match box. 1,477,373; Dec. 11.
Lecavalier, Albert. (See Gohier, E., and Lecavalier.)
Lechleitner, James W. (See Mitchel, C. F., and Lechleitner.)
Lechner, Herman R., Shreveport, La. Valve. 1,449,337; Mar. 20.
Leckinger, Philip H., assignor to High Speed Hammer Company, Inc., Rochester, N. Y. Riveting hammer. 1,460,424; July 3.
Lecocq, Eugène, Brussels, Belgium. Coke oven. 1,466,663; Sept. 4.
Le Cocq, Frank and I., Aberdeen, S. Dak. Cylindrical structure and block thereof. 1,462,605; July 24.
Le Cocq, Irwin. (See Le Cocq, Frank and I.)
Le Compte, Edward P., Park City, Utah. Coat adjuster. 1,458,066; June 5.
Le Compte, Frank H. (See Le Compte, Onesime H. and F. H.)
Le Compte, Harry J., Oklahoma, Okla. Stovepipe fastener. 1,451,043; Apr. 10.
Le Compte, Onesime H. and F. H., Oklahoma, Okla., assignors to The Le Compte Standard Automatic Drawbar and Connector Company, Denver, Colo. Car coupling. 1,448,755; Mar. 20.
Le Compte Standard Automatic Drawbar and Connector Company, The. (See Le Compte, Onesime H. and F. H., assignors.)
L'Ecuyer, Romulus A., Chicago, and L. S. Marks, Oak Park, Ill. Holder for lighting fixtures. 1,462,692; July 24.
Leczycki, Stanly, Detroit, Mich.. Lock. 1,451,464; Apr. 10.
Ledbetter, Thomas F., Columbus, Ga. Front-wheel driving mechanism. 1,440,474; Jan. 2.
Leddick, George, Schenectady, N. Y., assignor to General Electric Company. Electric switch. 1,477,834; Dec. 18.

Ledeboer, John W., Ambler, Pa., assignor to Asbestos Shingle, Slate & Sheathing Company. Colored cement composition and preparing the same. 1,463,961; Aug. 7.
Lederer, Anton, Vienna, Austria, assignor to Westinghouse Lamp Company. Electric gas lamp. 1,461,359; July 10.
Lederer, Anton, Vienna, Austria, assignor to Westinghouse Lamp Company. Electric gas lamp. 1,461,360; July 10.
Lederer, Anton, Vienna, Austria, assignor to Westinghouse Lamp Company. Electric gas lamp. 1,461,921; July 17.
Lederer, Anton, Vienna, Austria, assignor to Westinghouse Lamp Company. Electric incandescent lamp. 1,464,826; Aug. 14.
Lederer, Carl F., deceased, by F. S. Lederer, administratrix, assignor of one-half to F. F. Church, Rochester, N. Y. Process and article for producing moving pictures. 1,446,123; Feb. 20.
Lederer, Frances S., administratrix. (See Lederer, Carl F.)
Lederer, Sigmund L., Providence, R. I. Combined leather and metal fabric watch bracelet. Des. 62,490; June 12.
Lederer, Sigmund L., Providence, R. I. Combined leather and metal fabric watch bracelet. Des. 62,491; June 12.
Ledewyn, Gustave. (See Wagemans, J. E., and Ledewyn.)
Ledin, Charles, assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Switch lock. 1,466,594; Aug. 28.
Le Doux, Pearl, Oakland, Calif. Combination doll and pincushion. Des. 62,291; May 1.
Ledoux, Victor, New Bedford, assignor to Hopedale Manufacturing Company, Milford, Mass. Shuttle. 1,463,286; July 31.
Le Duc, Louis C. (See Burg, C. M., Decker, and Le Duc.)
Ledwinka, Joseph, assignor, by mesne assignments, to Budd Wheel Company, Philadelphia, Pa. Disk wheel 1,441,005; Jan. 2.
Ledwinka, Joseph, assignor, by mesne assignments, to Budd Wheel Company, Philadelphia, Pa. Retaining device for removable wheels. 1,442,621; Jan. 16.
Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Jig for use in assembling and electrically welding together the parts of automobile bodies and other structures. 1,441,436; Jan. 9.
Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Channel structure for tonneau panels. 1,443,482; Jan. 30.
Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Channel structure for tonneau panels. 1,443,483; Jan. 30.
Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Channel structure for tonneau panels. 1,443,484; Jan. 30.
Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Lock mechanism for automobile doors. 1,443,959; Feb. 6.
Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Truck body. 1,447,619; Mar. 6.
Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Assembling and welding jig. 1,464,207; Aug. 7.
Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Loop-strap-securing device for automobile tops. 1,469,929; Oct. 9.
Ledyard, Harry A. and J. J. Jelley, Ashland, Ohio. Vault or the like. 1,467,862; Sept. 11.
Lee, Albert J. F., Montreal, Quebec, Canada. Rotating scraper for cleaning the skin of vessels. 1,456,386; May 22.
Lee, Albert P., assignor to Lee Trailer & Body Co., Chicago, Ill. Rear-dumping vehicle. 1,444,382; Feb. 6.
Lee, Albert P., assignor to Lee Trailer & Body Co., Chicago, Ill. Steering mechanism. 1,446,756; Feb. 27.
Lee, Albert P., assignor to Lee Loader & Body Co., Chicago, Ill. Dumping vehicle. 1,467,485; Sept. 11.
Lee, Alexander F., Cambridge, Mass. Broiler. 1,471,039; Oct. 16.
Lee, Amos M., and E. J. Hagreen, Rochester, N. Y. Desk pad. 1,458,488; June 12.
Lee, Bernard J., Los Angeles, Calif. Attachment for headlights. 1,462,065; July 17.
Lee, Bernard S., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Burnishing machine. 1,443,419; Jan. 30.
Lee, Bernard S., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Safety device. 1,454,898; May 15.
Lee, Charles F., Astoria, assignor of one-third to G. C. Pahlow, Galesburg, Ill. Door latch. 1,465,672; Aug. 21.
Lee, Charles L., assignor to General Motors Research Corporation, Dayton, Ohio. Furnace. 1,445,220; Feb. 13.
Lee, Charles L., assignor to General Motors Research Corporation, Dayton, Ohio. Electric furnace. 1,463,513; July 31.
Lee, Charles P., St. Clairsville, Ohio. Gang plow. 1,476,823; Dec. 11.
Lee, Charles W., Philadelphia, Pa. Tool holder. 1,447,139; Feb. 27.
Lee, Daniel, Columbus, Ga. Box-car door. 1,447,876; Mar. 6.
Lee, Donovan H., London, England. Railway-rail joint. 1,447,671; Mar. 6.
Lee, Elmer J., Bangor, Pa. Timer. 1,459,678; June 19.
Lee, Ernest A., Lorain, Ohio. Sewing machine. 1,449,682; Mar. 27.
Lee, Frederick C., Toronto, Ontario, Canada. Suspenders. 1,447,093; Feb. 27.
Lee, Frederick C., Toronto, Ontario, Canada. Fishing-rod handle. 1,452,808; Apr. 24.
Lee, Frederick L., Spokane, Wash. Pneumatic load carrier. 1,444,157; Feb. 6.
Lee, Gussie A., Omaha, Nebr. Oil burner. 1,442,673; Jan. 16.
Lee, Harry M., Chillicothe, Ill. Auxiliary carburetor. 1,456,025; May 22.
Lee, Harry W., et al. (See Robinson, R. M., and Bradley, assignors.)
Lee, Henry B., assignor to The D. E. Whiton Machine Company, New London, Conn. Steam packing. 1,458,489; June 12.
Lee, Henry J., Fountain Run, Ky. Collapsible crate. 1,453,148; Apr. 24.
Lee, Hugh W., and J. W. Swindale, assignors to Sir W. G. Armstrong, Whitworth and Company, Limited, Newcastle-upon-Tyne, England. Ammunition hoist especially suitable for use on board ship. 1,465,990; Aug. 28.
Lee, James E., assignor to The Challenge Machinery Company, Grand Haven, Mich. Galley lock. 1,458,712; June 12.
Lee, John A., Coopersville, Mich. Can-feeding mechanism. 1,457,177; May 29.
Lee, John E., Milwaukee, Wis. Burglar alarm. 1,457,176; May 29.
Lee, John J., Chicago, Ill. Card holder. 1,442,674; Jan. 16.
Lee, John L., Sherrill, assignor to Oneida Community, Limited, Oneida, N. Y. Display device or container for silverware, etc. 1,441,437; Jan. 9.
Lee, Lawrence H., Tacoma, Wash. Train light. 1,440,878 Jan. 2.
Lee, Leif, Youngstown, Ohio. Power-transmission device. 1,443,026; Jan. 23.
Lee, Leif, Youngstown, Ohio. Roll-balancing mechanism. 1,452,347; Apr. 17.
Lee Loader & Body Co. (See Lee, Albert P., assignor.)
Lee & Nash, Inc. (See Nash, James H., assignor.)
Lee, Nathaniel B., et al. (See James, William E., assignor.)
Lee, Ottar S., assignor to Nye Tool and Machine Works, Chicago, Ill. Die-milling machine. 1,442,483; Jan. 16.
Lee, Ottar S., assignor to Nye Tool & Machine Works, Chicago, Ill. Die-milling machine. 1,442,484; Jan. 16.
Lee, Ralph L., assignor, by mesne assignments, to Delco-Light Company, Dayton, Ohio. Power stand. 1,476,450; Dec. 4.
Lee, Ralston T., Marietta, Ohio. Drive-wheel rim. 1,451,991; Apr. 17.
Lee Razor Manufacturing Company. (See Browning, George, assignor.)
Lee, Richard V., assignor of one-half to T. M. McGrail, Calistoga, Calif. Faucet. 1,441,987; Jan. 9.
Lee, Ross, Chaffee, Mo. Tool for inserting piston rings. 1,452,468; Apr. 17.
Lee, Samuel A., New York, N. Y. Tool holder. 1,478,967; Dec. 25.
Lee, Thomas. (See Hollingdrake, H., and Lee.)
Lee, Thomas L., assignor to North East Electric Company, Rochester, N. Y. Test bench. 1,451,992; Apr. 17.
Lee, Thomas L., assignor to North East Electric Company, Rochester, N. Y. Brush rigging. 1,478,665; Dec. 25.
Lee, Thomas L., and R. H. Sullivan, assignors to North East Electric Company, Rochester, N. Y. Electric system for vehicles. 1,440,879; Jan. 2.
Lee Trailer & Body Co. (See Lee, Albert P., assignor.)
Lee, William A., Augusta, Ga. Press cloth. 1,444,253; Feb. 6.
Lee, William E., assignor of one-half to L. C. Crosby, St. Louis, Mo. Spark plug. 1,454,516; May 8.
Lee, William J., Easton, assignor to Marine Decking and Supply Co., Philadelphia, Pa. Tackle block. 1,449,363; Mar. 20.
Lee, William R., Fresno, Calif. Brake. 1,444,317; Feb. 6.
Lee, Yong K., assignor to The Borromite Company of America, Chicago, Ill. Base-exchange silicate and preparing the same. 1,472,011; Oct. 23.
Leece, Charles E., assignor of one-third to Robert F. Leece and one-third to B. Clark, Youngstown, Ohio. Incandescent electric lamp. 1,457,440; June 5.
Leece, Leicester L., Cleveland, Ohio. Gear shift for motor vehicles. 1,450,745; Apr. 3.
Leece, Robert F., et al. (See Leece, Charles E., assignor.)
Leech, Abner Y., jr., Washington, D. C. Firing mechanism. 1,469,663; Oct. 2.

Alphabetical list of patentees—Continued.

Leech, Benjamin, Macclesfield, assignor of one-half to Henry & Leigh Slater, Limited, Manchester, England. Apparatus for the electrolytic production of metallic alloys in the form of paste or sludge. 1,461,276; July 10.

Leech, Charles M., deceased, Lima, Ohio; C. E. Kindell, administrator. Internal-combustion engine. 1,454,934; May 15.

Leech, Edward W., jr., Baltimore, Md. Spring oiler. 1,461,244; July 10.

Leech, Edward W., jr., Baltimore, Md. Spring oiler. 1,461,245; July 10.

Leech, Edward W., jr., Baltimore, Md. Safety lock for stopcocks. 1,473,774; Nov. 13.

Leech, Edward W., jr., Baltimore, Md. Safety lock for stopcocks. 1,473,775; Nov. 13.

Leech, Francis B., and E. W. Titus, Washington, D. C. Parking light. 1,447,589; Mar. 6.

Leech, Granville. (See Leech, Stanley and G.)

Leech, John, Bridgeport, assignor to International Silver Company, Meriden, Conn. Spoon, or similar article. Des. 62,009; Feb. 27.

Leech, John, Bridgeport, assignor to International Silver Company, Meriden, Conn. Fork or similar article. Des. 62,206; Apr. 10.

Leech, Stanley and G., Detroit, Mich. Wringer. 1,476,759; Dec. 11.

Leedom, Randolph, Clifton, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Pole cleaning and shaving machine. 1,473,582; Nov. 6.

Leeds Forge Company, The. (See Gresley, Herbert N., assignor.)

Leeds, Hosmer W., Seligman, Ariz. Car ventilator. 1,459,405; June 19.

Leeds, Morris E., assignor to Leeds & Northrup Company, Philadelphia, Pa. Speed-control apparatus. 1,476,824; Dec. 11.

Leeds & Northrup Company. (See Behr, Leo, assignor.)

Leeds & Northrup Company. (See Brewer, Henry, assignor.)

Leeds & Northrup Company. (See Keeler, Earl A., assignor.)

Leeds & Northrup Company. (See Leeds, Morris E., assignor.)

Leeds, Robert R., assignor to The Topping Mfg. Company, Ashland, Ohio. Lower door guide for sliding and folding doors. 1,444,349; Feb. 6.

Leeds, Robert R., assignor to The Topping Manufacturing Co., Ashland, Ohio. Carrier for disappearing doors. 1,450,729; Apr. 3.

Leedy Manufacturing Co. (See Mueller, Lawrence A., assignor.)

Leedy Manufacturing Company. (See Leedy, Ulysses G., assignor.)

Leedy Manufacturing Company. (See Strupe, Cecil H., assignor.)

Leedy, Ulysses G., assignor to Leedy Manufacturing Company. Indianapolis, Ind. Drum and trap combination. 1,456,242; May 22.

Leedy, Ulysses G., assignor to Leedy Manufacturing Company, Indianapolis, Ind. Foot-control snare control for snare drums. 1,458,905; June 12.

Leedy, Ulysses G., assignor to Leedy Manufacturing Company, Indianapolis, Ind. Snare-drum stick. 1,472,397; Oct. 30.

Leeper, Isaac W., assignor of one-half to J. L. Greer, East Moline, Ill. Hog oiler. 1,442,891; Jan. 23.

Lees-Bradner Company, The. (See Schurr, Charles H., assignor.)

Lees, Ernest J., assignor to H. T. Bradner, Cleveland, Ohio. Arbor support. 1,453,470; May 1.

Lees, James E. (See Cottam, R., Sefton, and Lees.)

Lees, Joseph, Allentown, Pa. Lawn-edge trimmer. 1,454,018; May 1.

Lees, William, Hollinwood, and W. Moors, Runcorn, England. Stirring device for agitating liquids. 1,441,813; Jan. 9.

Leeseberg, Henry C. (See Pillars, E. R., and Leeseberg.)

Leeser, Emil, Chicago, Ill. Attachment for fountain pens. 1,469,092; Sept. 25.

Leete, John A. (See Gross C. W., and Leete.)

Leete, Murray B., assignor to R. Wallace & Sons Mfg. Co., Wallingford, Conn. Spoon, fork, or similar article. Des. 61,983; Feb. 20.

Leeth, Ashby L. and E. H., Washington, D. C. Tire flap. 1,445,443; Feb. 13.

Leeth, Eldon H. (See Leeth, Ashby L. and E. H.)

Lefebre, Edward A., Astoria, N. Y. Amplifier. 1,453,879; May 1.

Lefebvre, René, Berne, and A. Ramseier, Neuchatel, Switzerland. Dental disk holder. 1,443,079; Jan. 23.

Lefever, Charles F., assignor to Daisy Manufacturing Co., Plymouth, Mich. Popgun. 1,466,131; Aug. 28.

Lefever, Eden G., Boyertown, Pa. Brake-equalizing device. 1,468,910; Sept. 25.

Le Fever, Frank, Fulton, N. Y. Breech-loading single-barrel gun. 1,471,900; Oct. 23.

Le Fevre, George A., Richmond Hill, assignor to Paxflat Barrel & Crate Corporation, New York, N. Y. Knock-down barrel. 1,452,880; Apr. 24.

Leffingwell, Albert L., assignor of one-half to Eli Herring, Los Angeles, Calif. Threading machine for bolts, pipes, etc. 1,474,327; Nov. 13.

Leffingwell, George G. (See Cleveland, E. S., and Leffingwell.)

Leffingwell, William H., Newark, N. J. Device for demonstrating lighting effects. 1,471,615; Oct. 23.

Leffler, John F., Pittsburgh, Pa. Safety razor. 1,462,558; July 24.

Lefler, Hawley B., assignor of one-half to D. E. F. Russell, Grand Bayou, La. Polish-rod clamp. 1,460,256; June 26.

Le Flohic, George, Washington, D. C. Adjustable ladder platform. 1,454,750; May 8.

Legate, William H., Hartford, Conn. Internal-combustion engine. 1,471,743; Oct. 23.

Le Gendre, William. (See Smith, H. A., Le Gendre, and Harbison.)

Legg, David A., assignor to M. A. Adam, London, England. Reduction of nitrocompounds. 1,447,557; Mar. 6.

Legg, Joseph W., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. High-speed camera. 1,454,899; May 15.

Leggatt, Edward H. A., Woodford Green, England. Dart board or like target. 1,453,396; May 1.

Legge, William R., Pittsfield, Mass. Depth sounder. 1,441,230; Jan. 9.

Leggo, Arthur V., Melbourne, Victoria, Australia. Furnace for roasting ores and such like operations. 1,444,927; Feb. 13.

Lego, Russell C., Beaver Falls, Pa. Double-acting deep-well pump. 1,450,213; Apr. 3.

Le Gore, William M., Jefferson, Iowa. Funnel device. 1,442,278; Jan. 16.

Le Gorie, Paul J., Union Hill, N. J. Combined chair and cabinet for phonographs. 1,447,216; Mar. 6.

Le Grand, Ruth A., Wilkes-Barre, Pa. Doll. Des. 62,492; June 12.

Lehman, Edward G., Canton, Ohio. Fastening device. 1,457,039; May 29.

Lehman, Edward G., assignor, by mesne assignments, to United Alloy Steel Corporation, Canton, Ohio. Safe construction. 1,447,794; Mar. 6.

Lehman, Harvey C., Hibbing, Minn. Deodorizing apparatus. 1,446,310; Feb. 20.

Lehman, Irvin F., assignor to Blaw-Knox Company, Pittsburgh, Pa. Annealing box. 1,460,855; July 3.

Lehman, Irvin F., Pittsburgh, assignor to Blaw-Knox Company, Blawnox, Pa. Annealing-box bottom. 1,476,526; Dec. 4.

Lehman, Jay E., Canton, Ohio. Planer. 1,456,739; May 29.

Lehman, John G., assignor to Bethlehem Foundry & Machine Company, Bethlehem, Pa. Cast-metal container. 1,454,291; May 8.

Lehman, John G., assignor to Bethlehem Foundry & Machine Company, Bethlehem, Pa. Temperature control of kettles by zones. Re15,665; July 31.

Lehman, John G., assignor to Bethlehem Foundry & Machine Company, Bethlehem, Pa. Temperature control of kettles by zones. Re15,703; Oct. 23.

Lehman, Werner. (See Bager, S. R. W. M., Kaeser, and Lehman.)

Lehman, Werner. (See Bager, S. R. W. M., Lehman, and Ruhloff.)

Lehmann, Charles L., New York, N. Y. Gasoline filter for internal-combustion engines. 1,477,885; Dec. 18.

Lehmann, Frederick C. (See Yeiser, L. B., and Lehmann.)

Lehmann, George, Forest Park, Ill. Dimmer for automobile headlights. 1,445,966; Feb. 20.

Lehmann, Julius C., Jamaica, and G. H. Timmerman, Brooklyn, assignors of one-half to C. G. Lazarus and B. Cohen, Brooklyn, N. Y. Cigar lighter. 1,445,967; Feb. 20.

Lehmann, Karl A., assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Typewriting machine. 1,448,411; Mar. 13.

Lehmann, Karl A., Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Case-shift mechanism. 1,451,737; Apr. 17.

Lehmann, Otto H., assignor to The Bearings Company of America, Lancaster, Pa. Making ball bearings. 1,477,570; Dec. 18.

Lehmann, Paul R. E., Dayton, Ohio. Expansible core. 1,466,366; Aug. 28.

Lehnert, John A., Howard, S. Dak. Flying machine. 1,476,162; Dec. 4.

Lehon Company, The. (See Lehon, Thomas B., assignor.)

Lehon, Thomas B., assignor to The Lehon Company, Chicago, Ill. Building material. 1,441,861; Jan. 9.

Lehon, Thomas B., assignor to The Lehon Company, Chicago, Ill. Roofing material. 1,445,777; Feb. 20.

Lehr, Edwin, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Regulator system. 1,460,161; June 26.

Leib, August. (See Mayer, E., and Leib.)

Leib, August, Berlin, Germany. Wave meter with cathode tube. 1,446,425; Feb. 20.

Leibing, Joseph K., assignor to Splitdorf Electrical Company, Newark, N. J. Magneto ignition device. 1,461,128; July 10.

Leibing, William E., and L. G. Taggart, Oakland, Calif. Manufacturing excelsior pads. 1,469,420; Oct. 2.

Leibow, David, and M. Cohen, New York, N. Y. Towel-service cabinet. 1,468,667; Sept. 25.

Leibow, Hyman, Brooklyn, N. Y. Textile fabric. Des. 62,912; Aug. 21.

Leiby, Harvey I., Bloomsburg, Pa. Picker block. 1,443,027; Jan. 23.

Leich Electric Company. (See Leich, Oscar M., assignor.)

Leich, Oscar M., assignor to Leich Electric Company, Genoa, Ill. Automatically-adjustable bearing. 1,458,658; June 12.

Leich, Oscar M., assignor to Leich Electric Company, Genoa, Ill. Electric-contact-operating device. 1,468,789; Sept. 25.

Leichtfuss, Herman F., Milwaukee, Wis. Water seal for containers. 1,473,302; Nov. 6.

Leidecker, Foster H., assignor, by mesne assignments, to The Leidecker Tool Company, Marietta, Ohio. Wire-rope knife. 1,475,019; Nov. 20.

Leidecker, Joseph M., and J. G. Burch, Bartlesville, Okla. Apparatus for spooling wire. 1,462,014; July 17.

Leidecker Tool Company, The. (See Leidecker, Foster H., assignor.)

Leidgen, Nicholas C., Detroit, Mich. Sash raising and lowering device. 1,461,277; July 10.

Leidy, Norman J., Philadelphia, Pa. Ornamental casing for automobile headlights. 1,453,075; Apr. 24.

Leigh, Edward R., Philadelphia, Pa., assignor of one-half to E. W. Dugdale, Kearney, N. J. Floor-level stop for electrically-operated elevators. 1,445,149; Feb. 13.

Leigh, Millard E., Burley, Idaho. Draft evener. 1,460,257; June 26.

Leightham, Edward J., Conshohocken, Pa. Water-level signal. 1,469,518; Oct. 2.

Leighton, Charles M. H., Milford, N. H., assignor to Draper Corporation, Hopedale, Mass. Selvage guard for looms. 1,454,787; May 8.

Leighton, George A., Roslindale, Mass., assignor to American Can Company, New York, N. Y. Friction-top can. 1,450,422; Apr. 3.

Leighton, George A., Roslindale, Mass., assignor to American Can Company, New York, N. Y. Blacking-box cover. 1,451,702; Apr. 17.

Leighton, George A., Roslindale, Mass., assignor to American Can Company, New York, N. Y. Soldering machine. 1,457,441; June 5.

Leiker, Isadore, Hays, Kans. Slot closure for Ford automobiles. 1,472,721; Oct. 30.

Leiker, Isadore, Hays, Kans. Slot closure for Ford automobiles. 1,472,722; Oct. 30.

Leilich, Frank T., Baltimore, Md. Switch lock. 1,451,366; Apr. 10.

Leimberger, Edward L., and A. Brasher, Chicago, Ill. Feeding attachment for power wringers. 1,450,891; Apr. 3.

Leinan, Edwin S., Fargo, N. Dak. Agitator. 1,460,493; July 3.

Leinbach, Edward L., Chicago, Ill. Door check and closer. 1,442,892; Jan. 23.

Leindorf, Emil, New York, N. Y. Passenger bus. 1,468,701; Sept. 25.

Leinen, Joseph E. (See Gargan, C. L., and Leinen.)

Leinert, Wenzel W., New York, N. Y. Liquid-measuring machine. 1,461,424; July 10.

Leinweber, Curtis H., et al., executors. (See Leinweber, Frederick H.)

Leinweber, Frederick H., deceased, Chicago, Ill.; C. H. Leinweber, W. H. Leinweber, and V. H. Leinweber, executors. Internal-combustion engine. 1,447,672; Mar. 6.

Leinweber, Victor H., et al., executors. (See Leinweber, Frederick H.)

Leinweber, William H., et al., executors. (See Leinweber, Frederick H.)

Leiper, John, assignor to New York Mills Corporation, New York Mills, N. Y. Textile fabric. Des. 63,082; Oct. 2.

Leipert, August H. (See Masury, A. F., and Leipert.)

Leipert, August H., assignor to International Motor Company, New York, N. Y. Assembling middle bearings for internal-combustion motors. 1,457,115; May 29.

Leipert, August H., assignor to International Motor Company, New York, N. Y. Cam-shaft unit. 1,457,707; June 5.

Leiser, Richard, and F. Ziffer, Vienna, Austria. Process and apparatus for the chlorination of methane (CH_4). 1,459,777; June 26.

Leisge, William L., Atkinson, Nebr. Meter for milking apparatus. 1,451,738; Apr. 17.

Leisse, Frederick J., St. Louis, Mo. Liquid-operated jack. 1,441,628; Jan. 9.

Leissler, Daniel, Chicago, Ill. Enameling oven. 1,447,795; Mar. 6.

Leissner, Harry F., Sodertalje, Sweden. Fuel-supply pump for internal-combustion engines. 1,452,428; Apr. 17.

Leist, Louis H. (See Leist, Norman A. and L. H.)

Leist, Norman A. and L. H., Michigan City, Ind. Sliding door fastener. 1,448,135; Mar. 13.

Leisten, Nicholas, and C. Senn, Detroit, Mich. Gas generator for internal-combustion engines. 1,456,986; May 29.

Leister, Benjamin H., San Francisco, Calif. Heater. 1,447,673; Mar. 6.

Leister, William H., assignor to The United Machinery Company, Westminster, Md. Green-corn-debutting machine. 1,453,248; Apr. 24.

Leister, William H., assignor to The United Machinery Company, Westminster, Md. Corn-husking machine. 1,471,616; Oct. 23.

Leisure, John. (See Yetman, O. B., and Leisure.)

Leitch, Lucy B., administratrix. (See Leitch, Meredith.)

Leitch, Meredith, deceased, Poughkeepsie, N. Y., by L. B. Leitch, administratrix, Gordonville, Va., assignor to The De Laval Separator Company, New York, N. Y. Braking device for centrifugal machines. 1,462,141; July 17.

Leitch, Meredith, deceased, Poughkeepsie, N. Y., by L. B. Leitch, administratrix, Montgomery, Ala., assignor to The De Laval Separator Company, New York, N. Y. Driving means for centrifugal bowls. 1,476,760; Dec. 11.

Leitch, Roy C., Kansas City, Mo. Car-check holder. 1,462,015; July 17.

Leitch, William I., Cleveland, Ohio. Adjustable collapsible bier and top therefor. 1,443,185; Jan. 23.

Leitman, Louis, Mount Vernon, N. Y. Vegetable grater. 1,475,839; Nov. 27.

Leitner, Henry, London, England. Electric accumulator or storage battery. 1,443,321; Jan. 23.

Leitner, Henry, London, England. Electric accumulator or storage battery. 1,443,322; Jan. 23.

Leitner, Henry, London, England. Production of metal airscrews or propellers. 1,457,844; June 5.

Leitner, Henry, London, England. Metal propeller. 1,459,335; June 19.

Leitner, Henry, Westminster, London, England. Screw propeller. 1,456,387; May 22.

Leitzell, Samuel B., Butler, Pa. Auto brake. 1,478,969; Dec. 25.

Lejeune, Charles, Woluwe-St. Lambert, near Brussels, assignor to J. Lejeune, Brussels, Belgium. Control valve. 1,469,228; Oct. 2.

Lejeune, Jules. (See Lejeune, Charles, assignor.)

Leland, George H., Dayton, Ohio. Electric motor. 1,464,911; Aug. 14.

Leland, Sanford D., Wellesley, assignor to Manufacturing Equipment & Engineering Company, Framingham, Mass. Bubbling fountain. 1,446,190; Feb. 20.

Leland, Wesley F. (See Stewart, E. B., and Leland.)

Leland, Wesley F., assignor to The Western Casket Hardware Company, Elgin, Ill. Coffin handle. Des. 61,858; Jan. 30.

Le Mahieu, H. W. (See West, Merle J., assignor.)

Le Maire, Joseph W., Pittsfield, Mass. Priming device. 1,446,850; Feb. 27.

Le Maire, Joseph W., New York, N. Y. Printing device. 1,468,162; Sept. 18.

Lembcke, Carl, Altona, Germany. Stationary die for rivet heads. 1,442,675; Jan. 16.

Lemcke, Otto H., New York, N. Y. Hat-retaining device. 1,464,432; Aug. 7.

Lemelin, George T., assignor of one-half to E. A. Menard, Springfield, Mass. Spring oiler. 1,452,429; Apr. 17.

Lemen, William W. (See Withrow, P. C., and Lemen.)

Lemere, Lou S. (See Long, W. M., and Lemere.)

Lemery, Charles, Sacramento, Calif. Transmission-band-adjusting means. 1,449,120; Mar. 20.

Le Messurier, Frank C., and E. E. Stahl, Tonawanda, N. Y., assignors to The Columbus McKinnon Chain Co., Columbus, Ohio. Chain fastener. 1,476,451; Dec. 4.

Le Meur, Eugene G., Orleans, Mass. Toy. 1,441,158; Jan. 2.

Lemke, William H., Harlan, Iowa. Garment hanger. 1,470,456; Oct. 9.

Lemm, Leo, assignor to L. Theis, Milwaukee, Wis. Housing method for airships. 1,465,246; Aug. 14.

Lemme, Adolph W., assignor to Chicago Bearing Metal Company, Chicago, Ill. Die-casting mold. 1,440,923; Jan. 2.

Lemoigne, William, assignor of one-fourth to E. Bogart and one-fourth to A. Weiss, Colusa, Calif. Adjustable brace. 1,460,593; July 3.

Lemoine, Jules L., Paris, France. Coffee and the like percolator. 1,468,642; Sept. 25.

Lemon, Alfred B., Providence, R. I. Badge. 1,450,689; Apr. 3.

Lemon, Alfred B., Providence, R. I. Charm. Des. 62,736; July 24.

Lemons, Coleman R. (See Lemons, Joseph F., assignor.)

Lemons, Joseph F., assignor of one-half to C. R. Lemons, Adams, Tenn. Apparatus for distributing powder. 1,458,424; June 12.

Lemons, Joseph F., Cedar Hill, Tenn., assignor to W. L. Pitt, Cleveland, Ohio. Spraying device. 1,475,957; Dec. 4.

Le Moon, Axel R., assignor to Nelson & Le Moon, Chicago, Ill. Flexible coupling for drive shafts. 1,460,594; July 3.

Lemp, Hermann, Erie, Pa., assignor to General Electric Company. Synchronizing of shafts. 1,471,901; Oct. 23.
Lenaghan, Thomas, Croydon, England. Automatic telephone system. 1,472,604; Oct. 30.
Lenck, Karl, Berlin, Germany. Steering arrangement for motor-driven boats. 1,473,484; Nov. 6.
Lencke, John K., Brooklyn, N. Y. Armature. 1,450,599; Apr. 3.
Lenders, Adolph W. H., Cedar Rapids, Iowa, assignor, by mesne assignments, to Penick & Ford, Ltd., Incorporated. Flushing system for starch tables. 1,456,243; May 22.
Lendi, George G., Brooklyn, N. Y. Hoisting apparatus. 1,455,214; May 15.
Lendle, Carl R., Chicago, Ill. Garment steaming and pressing machine. 1,446,571; Feb. 27.
Lendle, August, Forest Hills, assignor to Kuttroff Pickhardt & Co., Inc., New York, N. Y. Paper made from kapok fiber. 1,450,600; Apr. 3.
Lenegre, José T., Oviedo, Spain. Furnace for the treatment of mineral or ores. 1,467,179; Sept. 4.
Lengel, Irvin D., assignor to Knoll Manufacturing Co., Reading, Pa. Multiple-tub washing machine. 1,461,318; July 10.
Lenger, Walter, Dessau, assignor to Actien Gesellschaft für Anilin Fabrikation, Berlin, Germany. Converting silver prints into color prints. 1,473,568; Nov. 6.
Lengyel, Thomas, Buffalo, N. Y. Food grater. 1,468,311; Sept. 18.
Lenher, Victor, Madison, Wis. Effecting solution of substances and removing coatings from bodies. 1,445,329; Feb. 13.
Lenher, Victor, Madison, Wis. Effecting solution of substances and removing coatings from bodies. 1,473,350; Nov. 6.
Lenief, André, Paris, France. Toothbrush. 1,453,149; Apr. 24.
Lennard, Thomas, Toronto, Ontario, Canada. Reaming tool. 1,474,197; Nov. 13.
Lennartson, John A., St. Paul, Minn. Crate. 1,471,040; Oct. 16.
Lennartz, Garfield P. (See Lords, T. J., and Lennartz.)
Lenner, Deane D., Akron, Ohio. Washboard. 1,465,051; Aug. 14.
Lennon, Clarence D., Detroit, Mich. Machine for pulverizing and cleaning soil. 1,454,548; May 8.
Lennox, Eva M., Elberon, N. J. Flower holder. 1,443,420; Jan. 30.
Lennox Manufacturing Company, The. (See Dunbar, David, assignor.)
Lennox, Talbot, Marshalltown, Iowa. Handle for metal baskets. 1,443,995; Feb. 6.
Lennox, Talbot, Marshalltown, Iowa. Machine for forming sheet-metal baskets. 1,459,224; June 19.
Lent, Alfred H., Capitola, Calif. Fishing tackle. 1,461,246; July 10.
Lent, Heinrich. (See Besta, A., and Lent.)
Lent, Wilmar F., assignor to The Greist Manufacturing Company, New Haven, Conn. Razor-stropping device. 1,449,824; Mar. 27.
Lent, Wilmar F., assignor to The Greist Manufacturing Company, New Haven, Conn. Base for portable lamps. 1,454,935; May 15.
Lent, Wilmar F., assignor to The Greist Manufacturing Company, New Haven, Conn. Portable lamp. 1,455,592; May 15.
Lenté, Jacques, assignor to Société Anonyme d'Escaut & Meuse, Paris, France. Manufacture of return connections. 1,463,762; July 31.
Lents, John M., Evansville, Ind., assignor to The Owens Bottle Company, Toledo, Ohio. Means for transferring molten glass. 1,446,649; Feb. 27.
Lenz, Charles S., and H. M. Cohen, New York, N. Y. Making meat casings. 1,478,968; Dec. 25.
Lenz, Frederick J., Minneapolis, Minn. Valve-casing cap. 1,469,421; Oct. 2.
Lenz, George J., Green Bay, Wis. Locking means. 1,448,277; Mar. 13.
Lenz, Nicholas. (See Maier, J. E., Lenz, and Radmer.)
Lenzi, Dwight, and G. O. Deschamps, Idaho Falls, Idaho. Dental measurement-wire container. 1,466,910; Sept. 4.
Leo Gillig, et al. (See Farum, Elecie P., assignor.)
Leo, Paul, Elizabeth, N. J. Valve-adjusting device. 1,464,082; Aug. 7.
Leon, Karl O., London, England. Measuring instrument for sizing and sorting discs or rollers. 1,465,555; Aug. 21.
Leon, L. J., Mfg. Co. (See Leon, Lewicki J., assignor.)
Leon, Lewicki J., assignor to L. J. Leon Mfg. Co., Chicago, Ill. Bird-cage catch. 1,460,102; June 26.
Leon, Lewicki J., assignor to L. J. Leon Mfg. Co., Chicago, Ill. Catch for bird cages. 1,478,440; Dec. 25.
Leon, Peter F., New York, N. Y. Medallion, emblem, button, or similar article. Des. 62,737; July 24.
Leonard, Andrew J., West Branch, Mich. Hand-washing compound. 1,441,100; Jan. 2.
Leonard, Ashbury O., New York, N. Y. Eardrum. 1,446,257; Feb. 20.
Leonard, Caleb E., Boonton, N. J. Spark plug. 1,468,970; Sept. 25.
Leonard, Carl H., Pender, Nebr. Dispensing device. 1,474,083; Nov. 13.
Leonard, Caswell L., Corinth, Miss. Vegetable slicer. 1,451,075; Apr. 10.
Leonard, Charles D. (See Gargan, C. L., and Leinen, assignors.)
Leonard, Fayette R., Hoquiam, Wash. Hoe. 1,446,802; Feb. 27.
Leonard, Frank B., Chicago, Ill., assignor to F. C. Bowen, New York, N. Y. Cooling and oil saving attachment. 1,448,708; Mar. 13.
Leonard, Frederick C., assignor to Leonard-Rooke Company, Providence, R. I. Automatic controlling valve. 1,476,718; Dec. 11.
Leonard, Frederick C., assignor to Leonard-Rooke Company, Providence, R. I. Thermostatic valve. 1,476,719; Dec. 11.
Leonard, Jacob A., Rockford, Ill. Valve lifter. 1,474,485; Nov. 20.
Leonard, John G., Maywood, Ill. Packing. 1,478,040; Dec. 18.
Leonard, Joseph E., Indianapolis, Ind. Kitchenette stove and cabinet. 1,475,587; Nov. 27.
Leonard, Joseph J., Rantoul, Ill. Automatic valve timer and control. 1,465,014; Aug. 14.
Leonard, Joseph P., Paterson, N. J. Device for detecting overheated bearings. 1,451,044; Apr. 10.
Leonard Roller Gear Drive Thresher Company. (See Leonard, William C., assignor.)
Leonard-Rooke Company. (See Leonard, Frederick C., assignor.)
Leonard, Ross G. (See Dorman, William S., assignor.)
Leonard, William C., assignor to Leonard Roller Gear Drive Thresher Company, Lewiston, Idaho. Vehicle wheel. 1,467,180; Sept. 4.
Leonard, William H., San Antonio, Tex. Auto accident identifier. 1,476,625; Dec. 4.
Leonardi, Bartholomew C., New Rochelle, assignor to George D. Wright Corporation, New York, N. Y. Dyeing. 1,457,581; June 5.
Leone, Anthony, Greensburg, Pa. Chalk holder. 1,447,674; Mar. 6.
Leonhardt, George F., assignor to R. D. Simpson, Columbus, Ohio. Vending machine. 1,441,438; Jan. 9.
Leopold, Cassella & Co. Gesellschaft mit beschränkter Haftung. (See Haynn, R., and Münz, assignors.)
Leopold Cassella & Co. Gesellschaft mit beschränkter Haftung. (See Herz, R., and Balhorn, assignors.)
Leopold Cassella & Co. Gesellschaft mit beschränkter Haftung. (See Kalischer, G., Müller, and Nissen, assignors.)
Leopold, George O. (See Fegley, T. J., and Leopold.)
Leopold, George O., assignor to North Bro's M'f'g Co., Philadelphia, Pa. Spiral tool. 1,460,201; June 26.
Leopold, George O., assignor to North Bro's M'f'g Co., Philadelphia, Pa. Socket wrench. 1,469,662; Oct. 2.
Leopold, George O., assignor to North Bro's M'f'g Co., Philadelphia, Pa. Handle for socket wrenches. 1,473,436; Nov. 6.
Leopold, Samuel N., assignor to Morris Paper Mills, Chicago, Ill. Collapsible caddy. 1,450,690; Apr. 3.
Leow, Edward P., Flint, Mich. Gear construction. 1,449,903; Mar. 27.
Leparmentier, Robert, Bordeaux, France. Propeller for aerial machines. 1,455,442; May 15.
Le Pere, John G. (See Hey, E. A., Le Pere, and Webber.)
Leperre, Emile F. A. C., Antwerp, Belgium. Apparatus for cutting diamonds. 1,458,768; June 12.
Lépine, Charles, Torino, Italy, assignor to Pathe Cinema, Anciens Etablissements Pathe Freres, Paris, France. Apparatus for direct observation of picture films. 1,450,555; Apr. 3.
Lepley, Daniel F., Connellsville, Pa. Oscillatory dump. 1,456,388; May 22.
Lepley, Daniel F., Connellsville, Pa. Overturning cage. 1,475,636; Nov. 27.
Lepley, Daniel F., Connellsville, Pa. Weighing and loading apparatus for hoist skips. 1,475,637; Nov. 27.
Le Pontois, Leon J., Lakewood, assignor to The Teagle Company, Cleveland, Ohio. Combined ignition and lighting generator. 1,458,139; June 12.
Le Pontois, Léon J., Lakewood, assignor, by mesne assignments, to The Teagle Company, Cleveland, Ohio. System of generating and distributing electric currents. 1,466,307; Aug. 28.
Lepow, Eva, Philadelphia, Pa. Stocking. 1,452,517; Apr. 24.
Leppert, Henry E., New Britain, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric switch. 1,441,814; Jan. 9.
Leppert, Henry E., New Britain, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Snap switch. 1,443,323; Jan. 23.
Lerch, Marshel F., assignor to The Lerch Shumate Bolt Co., Louisville, Ky. Nut lock. 1,465,015; Aug. 14.
Lerch Shumate Bolt Co., The. (See Lerch, Marshel F., assignor.)
Lerch, William G., Akron, assignor to The India Tire & Rubber Company, Mogadore, Ohio. Tire construction. 1,462,453; July 17.
Lerche, Julius, Berlin-Zehlendorf, assignor to Uhrenfabrik vorm. L. Furtwängler, Söhne A.-G., Furtwangen i/Baden, Germany. Franking machine. 1,472,723; Oct. 30.

Lerner, Harry, New York, N. Y. Dish mounting or holder or similar article. Des. 61,956; Feb. 13.

Leroy, Jules, Paris, France. Fuel pump for internal-combustion engines. 1,455,628; May 15.

Lesage, Charles F., Pont-Remy, Somme, France. Textile machine for flax and like textile substances. 1,455,629; May 15.

Lescarboura, Austin C., New York, N. Y., and A. R. Bond, Plainfield, N. J., assignors to The Aeolian Company. Mounting for diaphragms for acoustical instruments. 1,446,911; Feb. 27.

Leschhorn, Ernest, Chicago, Ill., assignor to Latham Machinery Company. Paper-punching press. 1,462,559; July 24.

Lesh, Lawrence J., assignor to E. J. Simon, New York, N. Y. Spark-gas apparatus. 1,451,426; Apr. 10.

Lesh, Lawrence J., assignor to E. J. Simon, New York, N. Y. Spark-gas apparatus. 1,451,427; Apr. 10.

Lesher, Eugene E., Braddock, N. Dak. Motor sleigh. 1,470,087; Oct. 9.

Lesler, Albert F., New York, N. Y. Paper dispenser. 1,469,162; Sept. 25.

Leslie Company, The. (See Metzger, Jules P., assignor.)

Leslie, Freeland D., Milton, Mass. Removable valve seat for ball cocks. 1,461,039; July 10.

Leslie, John W., Evanston, Ill. Preparing goods for shipment. 1,469,797; Oct. 9.

Leslie, John W., Evanston, assignor to Signode System, Inc., Chicago, Ill. Seal. 1,445,330; Feb. 13.

Leslie, John W., Evanston, assignor to Signode System, Inc., Chicago, Ill. Device for rendering packages, boxes, etc., pilferproof. 1,445,630; Feb. 20.

Leslie, William A., Asquith, Saskatchewan, Canada. Implement pole. 1,476,720; Dec. 11.

Lespinasse, Victor D., Chicago, Ill. Instrument for removing the testicles of birds. 1,451,398; Apr. 10.

Lessell Company, The. (See Lessell, John B., assignor.)

Lessell, John B., assignor to The Lessell Company, Zanesville, Ohio. Manufacture of ornamented ware. 1,467,111; Sept. 4.

Lesslie, James J., Boston, Mass. Diestock. 1,448,030; Mar. 13.

Les Successeurs d'Albert Godde, Bedin & Co. (See Vignon, Louis E., assignor.)

Lester, Lewis R. (See Panalle, Anatole, assignor.)

Lester, Raymond, Jacksonville, Fla. Pedestal for railway rolling stock. 1,443,186; Jan. 23.

Lester, Raymond, Jacksonville, Fla. Pedestal for railway rolling stock. 1,446,912; Feb. 27.

Lester, Warren C. (See Geisendorfer, G., and Lester.)

Le Sueur, Lionel. (See Marshall, R. T., and Le Sueur.)

Leszczynski, Tadeusz, Toledo, Ohio. Toy windmill. 1,464,993; Aug. 14.

Le Tang, Leo R., Cincinnati, Ohio. Locking mechanism. 1,464,008; Aug. 7.

Letarte, Emile, Leominster, Mass. Comb. Des. 63,566; Dec. 18.

Le Tarte, George M., Detroit, Mich. Spring retainer. 1,453,471; May 1.

Letchford, Percy H., Winnipeg, Manitoba, Canada. Headlight. 1,443,822; Jan. 30.

Letort, Alfred, and L. Chambon, Paris, France. Apparatus for compressing sugar or the like. 1,468,242; Sept. 18.

Le Tourneau, Robert G., Stockton, Calif. Scraper. 1,470,853; Oct. 16.

Letsch, Eugene, Lynbrook, assignor to Pierce, Butler & Pierce Mfg. Corp., Syracuse, N. Y. Fluid-pressure gauge. 1,476,896; Dec. 11.

Letsch, Frederick W., Baltimore, Md. Distributing mechanism for typographic machines. 1,441,101; Jan. 2.

Letsch, Frederick W., Baltimore, Md. Mold for typographic machines. 1,444,254; Feb. 6.

Letsch, Frederick W., Baltimore, Md. Casting mechanism for typographic machines. 1,458,659; June 12.

Letsch, Frederick W., Baltimore, Md. Assembling and transfer mechanism. 1,462,116; July 17.

Letz, John H., assignor to The Letz Manufacturing Company, Crown Point, Ind. Grinding machine. 1,440,475; Jan. 2.

Letz Manufacturing Company, The. (See Letz, John H., assignor.)

Leumann, Richard, Chailly-sur-Lausanne, Switzerland. Device for removing sheets singly from a pile of sheets. 1,477,835; Dec. 18.

Leuvelink, Gerrit J., Paterson, N. J. Expandible stopper. 1,463,824; Aug. 7.

Leux, Minnie, assignor to C. Kurlander, St. Louis, Mo. Trousers supporter. 1,448,551; Mar. 13.

Lev, Frank W., Astoria, assignor to International Packing Machine Company, New York, N. Y. Wrapping machine. 1,466,451; Aug. 28.

Levaillant, Louis, et al. (See Studer, Heinrich, assignor.)

Levaillant, Louis, Zurich, assignor to H. Gattiker-Tanner, St. Gallen, Switzerland. Dry electric battery. 1,458,307; June 12.

Le Van Horning, Harry, assignor to Waukesha Motor Co., Waukesha, Wis. Intake manifold for internal-combustion engines. 1,475,556; Nov. 27.

Levasseur, Eusebius L., Powhatan, La. Operating device for churns. 1,445,221; Feb. 13.

Leveen, Swan J., assignor of one-half to C. E. Shields, Rock Island, Ill. Sound reproducer for talking machines. 1,441,862; Jan. 9.

Le Velle, Clarence W., Wichita, Kans. Disappearing electric fan. 1,445,402; Feb. 13.

Le Velle, Clarence W., Wichita, Kans. Disappearing electric-fan mechanism. 1,458,348; June 12.

Leven, Charles, London, England. Apparatus for obtaining practice in golf or other games or physical exercises. 1,471,794; Oct. 23.

Levene, Arthur E., Seattle, Wash. Safety razor. 1,454,936; May 15.

Levenson, Abraham E. (See Jaffe, Joseph S., assignor.)

Levenson, Robert, assignor of one-half to M. Ecker, New York, N. Y. Chair for X-ray works. 1,442,027; Jan. 9.

Levenson, Sarah, Kansas City, Mo. Cushion covering for handles. 1,445,968; Feb. 20.

Leventhal, Jacob F., New York, N. Y. Moving picture or animated drawing with directing indicator. 1,446,510; Feb. 27.

Leventhal, Morris B. (See Kaji, Hilda, assignor.)

Leventry, Henry F., Johnstown, Pa. Billiard-cue rack. 1,454,900; May 15.

Leveque, Bernard T., Wenham, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Buttonhole-sewing machine. 1,459,374; June 19.

Leveque, Bernard T., Wenham, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Driving and stopping mechanism. 1,467,584; Sept. 11.

Leveque, Bernard T., Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Perforating. 1,478,441; Dec. 25.

Leverence, William J., Elkhart, Ind. Combination garment supporter. 1,448,970; Mar. 20.

Leveridge, Walter J., Mount Vernon, assignor to Western Electric Company, Incorporated, New York, N. Y. Vacuum-tube-electrode assembling jig. 1,456,506; May 29.

Leveroni, Frank, administrator. (See Petersen, Peter E.)

Levesque, Philias, St. Boniface, Manitoba, Canada. Horseshoe. 1,455,918; May 22.

Levett, W. M. and Walker M., Co. (See Kelm, Gustav R., assignor.)

Levey, Abraham S., Portland, Me. Automobile signal. 1,475,124; Nov. 20.

Levey, Max J., Sarasota, Fla. Necktie support. 1,472,984; Nov. 6.

Levi, Alva. (See Loveless, J. M., and Levi.)

Levi, James A., New York, N. Y., and O. Ploetner, North Bergen, N. J., assignors to Elesco Lace and Embroidery Co., Inc. Embroidery machine. 1,442,622; Jan. 16.

Levi, William I., St. Louis, Mo. Curtain support. 1,472,921; Nov. 6.

Le Vie, Wilfred J., Los Angeles, Calif. Advertising device. 1,472,222; Oct. 30.

Le Vie, Wilfred J., assignor to A. M. Chapman, Los Angeles, Calif. Advertising device. 1,443,919; Jan. 30.

Levigton, David, New York, N. Y. Display card and insert for boxes. 1,464,182; Aug. 7.

Levin, Abraham, Dallas, Tex. Telephone support. 1,473,191; Nov. 6.

Levin, Isaac H., New York, N. Y. Electrolytic cell for generating oxygen and hydrogen. 1,478,340; Dec. 18.

Levin, Isaac H., New York, N. Y. Electrolytic cell. 1,478,341; Dec. 18.

Levin, Jacob, Springfield, Mass., assignor to The Lebros Manufacturing Co., Inc., New York, N. Y. Display apparatus for preparing and dispensing fresh-fruit beverages. 1,473,776; Nov. 13.

Levin, Jacob H., Minneapolis, Minn. Day-bed lounge. 1,455,215; May 15.

Levin, Nils D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Co. Cutting chain. 1,446,191; Feb. 20.

Levin, Nils D., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Hoisting apparatus. 1,447,025; Feb. 27.

Levin, Nils D., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Mining-machine-anchoring device. 1,473,729; Nov. 13.

Levin, Nils D., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Loading apparatus for mining. 1,476,897; Dec. 11.

Levine, Arthur H., New York, N. Y. Ornamenting surfaces. 1,453,076; Apr. 24.

Levine, Henry, Philadelhpia, Pa. Collapsible box and manufacturing same. 1,458,349; June 12.

Levine, Henry, Philadelphia, Pa. Box. 1,475,708; Nov. 27.

Levine, Joseph. (See Cook, W. A., and Levine.)

Levine, Max. (See Hopp, M., and Levine.)

Levine, Morris, Wehawken, N. J. Woven-willow chair. 1,447,675; Mar. 6.

Levingston, Vernon L., Lake Charles, La. Driven-headed fastening. 1,444,618. Feb. 6.

Levinson, Marcus M., Pasadena, Calif. Electric heating device. 1,474,723; Nov. 20.

Levinson, Sol, San Francisco, Calif. Fighting glove. 1,453,714; May 1.

Levinson, Sol, San Francisco, Calif. Fighting glove. 1,453,715; May 1.

Levis, Albert C., assignor to Western Bottle Manufacturing Company, Chicago, Ill. Toothbrush. 1,440,785; Jan. 2.
Levis Tool Factory, Ltd. (See Villeneuve, Archille, assignor.)
Levitt, Nathan V., assignor of one-half to M. L. Goldich, Philadelphia, Pa. Foot-arch support. 1,464,994; Aug. 14.
Levitt, Nathan V., assignor of one-half to M. L. Goldich, Philadelphia, Pa. Bunion shield. 1,471,041; Oct. 16.
Levy, Abraham H., New York, N. Y. Metal-refining apparatus. 1,443,920; Jan. 30.
Levy, Albert L., Youngstown, Ohio. Split-rim tool. 1,461,194; July 10.
Levy, Arthur B. (See Singer, J. B., and Levy.)
Levy, Bertha, New York, N. Y. Hatbox. 1,444,350; Feb. 6.
Levy, Charles M., New York, N. Y. Bracelet. Des. 62,738; July 24.
Levy, David, New York, N. Y. Fly-paper holder. 1,458,890; June 12.
Levy, Edward, Munising, Mich. Snowplow. 1,448,667; Mar. 13.
Levy, Harold M., assignor to Crescent Paper Box Factory, New Orleans, La. Paper box. 1,459,225; June 19.
Levy, Henri G., San Francisco, Calif. Curling-iron heater. 1,452,163; Apr. 17.
Levy, Henri G., San Francisco, Calif. Lamp. Des. 63,475; Dec. 11.
Levy, Henry, Brooklyn, N. Y. Baby rattle. 1,468,026; Sept. 18.
Levy, Howard S., Philadelphia, Pa. Copyholder. 1,458,713; June 12.
Levy, Isidor, Brooklyn, N. Y. Receptacle. 1,461,667; July 10.
Levy, Leo. (See Jennings, William H., assignor.)
Levy, Leonard A., and A. L. Landau, London, England. X-ray plate. 1,448,456; Mar. 13.
Levy, Lucien, Paris, France. Receiving system for electric waves. 1,457,069; May 29.
Levy, Lucien, Paris, France. Antiparasitic selecting system. 1,466,841; Sept. 4.
Levy, Maurice E., Chicago, Ill. Variable-speed pulley. 1,441,006; Jan. 2.
Levy, William P., Salinas, Calif. Tensioning device for cloth-folding machines. 1,469,728; Oct. 2.
Lewandoski, Valentine, Chicago, Ill. Combination furniture. 1,457,582; June 5.
Lewandowski, Bruno, Los Angeles, Calif. Air-cushion bumper for motor vehicles. 1,462,561; July 24.
Lewcock, William, and S. B. Tallantyre, assignors to The Gas Light and Coke Company, London, England. Manufacture of condensation products from carbazole and p-nitrosophenol and its derivatives. 1,465,853; Aug. 21.
Lewellen, Darcy E., assignor to Lewellen Manufacturing Company, Columbus, Ind. Pin drive for variable-speed mechanism. 1,446,387; Feb. 20.
Lewellen, Darcy E., assignor to Lewellen Manufacturing Company, Columbus, Ind. Oiling device. 1,459,679; June 19.
Lewellen Manufacturing Company. (See Lewellen, Darcy E., assignor.)
Lewellen, Moro P., and H. S. Arnold, Camden, N. J. Coal jig. 1,448,668; Mar. 13.
Lewellyn, John A., Toledo, Ohio. Wire-enameling machine. 1,472,024; Oct. 23.
Lewes, Lee, et al. (See Fletcher, John B., assignor.)
Lewin, John, Berlin-Halensee, Germany. Automatic liquid starter for alternating and three-phase current motors. 1,447,026; Feb. 27.
Lewin, Joshua A., and G. P. Bartlett, Durban, Natal, South Africa. Liquid-dispensing apparatus. 1,455,593; May 15.
Lewinson, Hyman, Erie, Pa. Self-filling pen. 1,460,386; July 3.
Lewis, Abraham. (See Zsarnay, Bela, assignor.)
Lewis, Alfred B., and W. J. Taggart; said Lewis assignor to R. J. Taggart, Philadelphia, Pa. Spigot. 1,476,527; Dec. 4.
Lewis, Alonza E., Ingersoll, Ontario, Canada. Resilient heel. 1,471,042; Oct. 16.
Lewis, Arthur J., Stratford, Conn. Camping outfit. 1,460,162; June 26.
Lewis, Arthur P., assignor to The Miller Rubber Company, Akron, Ohio. Quick-detachable pipe joint. 1,474,270; Nov. 13.
Lewis, Brayton S., assignor to The Stanley Works, New Britain, Conn. Grease cup. 1,456,888; May 29.
Lewis, Charles, Linden, N. J. Rotary brush. 1,448,630; Mar. 13.
Lewis, Charles H., Syracuse, N. Y. Garment-pressing machine. 1,469,006; Sept. 25.
Lewis, Chester F., Greensboro, N. C. Hair clipper. 1,473,238; Nov. 6.
Lewis, E. A., et al., trustees. (See Kueffer, Frederich W., assignor.)
Lewis, Eddie A., Belleville, Kans. Universal joint and power transmission. 1,462,016; July 17.
Lewis, Elias, Terre Haute, Ind. Knife. 1,449,520; Mar. 27.
Lewis, Emory S., New York, N. Y., assignor to London Lightingwares Corporation. Bracket back. Des. 63,055; Sept. 25.
Lewis Felling Machine Company. (See Hayes, Thomas J., assignor.)
Lewis Foundry & Machine Company. (See Bain, J. G., and Stempel, assignors.)
Lewis, Francis, and W. W. Miller, Herrin, Ill. Valve. 1,468,506; Sept. 18.
Lewis, Frank, Warren, Ohio. Metal tip for shoe laces. 1,471,965; Oct. 23.
Lewis, Frank D. (See Widmann, E. A., and Lewis.)
Lewis, Frank E. (See Woodward, J. W., and Lewis.)
Lewis, Frank J., and L. B. Brown, Huntsville, Ala. Convertible furniture. 1,471,175; Oct. 16.
Lewis, Frank M., London, England. Apparatus for cutting toothed gears. 1,452,121; Apr. 17.
Lewis, Frank M., Chicago, Ill. Differential mechanism. 1,477,137; Dec. 11.
Lewis, Fred K., Ashtabula, Ohio. Top for vehicles and the like. 1,452,975; Apr. 24.
Lewis, Fred K., Ashtabula, Ohio. Top for vehicles and the like. 1,459,406; June 19.
Lewis, Fred K., Ashtabula, Ohio. Top for vehicles and the like. 1,470,852; Oct. 16.
Lewis, Fred K., Ashtabula, Ohio. Top for vehicles and the like. 1,474,047; Nov. 13.
Lewis, Frederick C. (See Olson, Reuben A., assignor.)
Lewis, Frederick O., Dayton, assignor of one-half to O. B. Reemelin, Oakwood, Ohio. Thermostatic valve for carburetors. 1,453,016; Apr. 24.
Lewis, G. B., Company. (See Frater, Gorden, assignor.)
Lewis, G. B., Company. (See Stinebring, George, assignor.)
Lewis, George, South Boston, Mass. Tool handle. 1,474,937; Nov. 20.
Lewis, George C., Philadelphia, Pa. Hair curler. 1,463,746; July 31.
Lewis, George H., assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Device for expanding endless bands. 1,473,822; Nov. 13.
Lewis, George S., Oak Park, assignor to Mead Cycle Company, Chicago, Ill. Cycle frame. 1,447,676; Mar. 6.
Lewis, George S., Oak Park, assignor to Mead Cycle Company, Chicago, Ill. Crank-hanger assembly. 1,449,235; Mar. 20.
Lewis, George S., assignor to Page-Lewis Arms Company, Chicopee Falls, Mass. Firearm. 1,459,108; June 19.
Lewis, George T., Middleville, N. Y. Split piston for internal-combustion engines and analogous uses. 1,462,089; July 17.
Lewis, George W., Chicago, Ill. Dustpan. 1,461,624; July 10.
Lewis, Goodrich Q., Wheaton, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,441,287; Jan. 9.
Lewis, Goodrich Q., Wheaton, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,441,288; Jan. 9.
Lewis, Goodrich Q., Wheaton, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,442,893; Jan. 23.
Lewis, Grace M., Keene, N. H. Coal or wood carrier. 1,453,629; May 1.
Lewis, Guy L., Akron, Ohio. Device for breaking, contracting, and expanding rims. 1,441,231; Jan. 9.
Lewis, Harry B., jr. (See Morse, A. C., and Lewis.)
Lewis, Henry C., Charleston, W. Va., assignor to Charleston Electrical Supply Company. Press. 1,454,478; May 8.
Lewis, Henry H., Attleboro, Mass. Box for cigarettes and like articles. 1,445,695; Feb. 20.
Lewis, Herman A., Carson City, assignor of one-half to M. J. Miner, Butternut, Mich. Automatic throttle governor. 1,473,823; Nov. 13.
Lewis, Isaac N., Montclair, N. J. Cartridge magazine. 1,462,972; July 24.
Lewis, James A., and A. C. Crimmel, Hartford City, Ind. Means for removing articles from molds. 1,478,126; Dec. 18.
Lewis, James N., Detroit, Mich. Stabilizer for dirigible airships. 1,447,558; Mar. 6.
Lewis, James N., Detroit, Mich. Dirigible airship. 1,447,559; Mar. 6.
Lewis, John D. (See Lynn, L. F., and Lewis.)
Lewis, John D. P., St. Louis, Mo. Primer for gas engines. 1,446,258; Feb. 20.
Lewis, Joseph, Winnipeg, Manitoba, Canada. Register for printing machines. 1,455,500; May 15.
Lewis, Joseph C., Minerva, Ohio. Switch. 1,443,485; Jan. 30.
Lewis, Joseph W., assignor to The Atlantic Refining Company, Philadelphia, Pa. Petroleum-treating apparatus. 1,472,075; Oct. 30.
Lewis, Leland J., assignor of one-half to R. H. McKee, New York, N. Y. Fat-splitting reagent and making the same. 1,452,881; Apr. 24.
Lewis, Leo L. (See Lyle, J. I., and Lewis.)
Lewis, Leo L., Plainfield, N. J., assignor to Carrier Engineering Corporation, New York, N. Y. Air conditioning or humidifying and heating system. 1,455,846; May 22.
Lewis, Leo L., Plainfield, assignor to Carrier Engineering Corporation, Newark, N. J. Air-conditioning apparatus. 1,458,985; June 19.
Lewis, Lloyd V. (See McCann, R. A., and Lewis.)

Lewis, Lloyd V., Edgewood Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling system. Re15,592; May 1.
Lewis, Lloyd V., Edgewood Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,458,188; June 12.
Lewis, Lloyd V., Edgewood Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling system. 1,466,911; Sept. 4.
Lewis, Lloyd V., Edgewood Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling system. 1,468,597; Sept. 18.
Lewis, Otto L., Houston, Tex. Farm tractor. 1,446,913; Feb. 27.
Lewis, Otto L., Chicago, Ill. Power-transmission clutch. 1,463,327; July 31.
Lewis, Otto L., Chicago, Ill. Gear-shifting device for transmissions. 1,463,328; July 31.
Lewis, Ralph C., Providence, R. I., assignor to Coto-Coil Company, Boston, Mass. Electrical air condenser. 1,478,342; Dec. 18.
Lewis, Ransome T., Elmira, N. Y. Adjustable sign. 1,476,898; Dec. 11.
Lewis, Robert S., assignor of one-half to Ransomes & Rapier Limited, Ipswich, England. Hoisting and luffing mechanism for cranes. 1,461,800; July 17.
Lewis, Samuel H., Richmond, Va. Fluid-pressure-control apparatus. 1,468,481; Sept. 18.
Lewis, Semon S., New York, N. Y. Fabric board. 1,457,740; June 5.
Lewis, Seneca G., Greensburg, and G. W. Daum, Jeannette, Pa. Shock absorber. 1,468,881; Sept. 25.
Lewis-Shepard Company. (See Lovejoy, Ralph M., assignor.)
Lewis, Thomas A. (See Powel, Henry C., assignor.)
Lewis, Warren K., Newton, Mass., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Producing fine powders. 1,442,485; Jan. 16.
Lewis, Warren K., Newton, Mass., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Belt and the like. 1,477,886; Dec. 18.
Lewis, Wilfred, Haverford, assignor to The Tabor Manufacturing Company, Philadelphia, Pa. Roll-over molding machine. 1,456,318; May 22.
Lewis, Wilfred, Haverford, assignor to The Tabor Manufacturing Company, Philadelphia, Pa. Molding machine. 1,456,319; May 22.
Lewis, William A., Wooster, Ohio. Auto headlight wrench. 1,458,140; June 12.
Lewis, William K., Omaha, Nebr. Oil burner. 1,452,563; Apr. 24.
Lewisky, John, and A. Hedtrich, New York, N. Y. Electric iron. 1,467,181; Sept. 4.
Ley, Lynda M. (See Kuhn, Frank F., assignor.)
Leydekkers, Wilhelmus H., and W. O. Ruddle, London, England. Roller-blind advertising device. 1,463,087; July 24.
Leyland, Percy N., Glen Ridge, N. J. Plate or similar article. Des. 63,476; Dec. 11.
Leyland, Thomas, & Co. (See Isherwood, Arthur, assignor.)
Leyner, John G., deceased; L. M. Leyner, administratrix, Littleton, Colo. Steering mechanism for the trucks of tractors and traction engines. 1,473,570; Nov. 6.
Leyner, John G., deceased, Littleton; L. M. Leyner, executrix, assignor to The Leyner Tractor and Manufacturing Company, Denver, Colo. Ground-treading endless traction track and its supporting truck. 1,473,569; Nov. 6.
Leyner, Lina M., executrix. (See Leyner, John G.)
Leyner Tractor and Manufacturing Company, The. (See Leyner, John G., assignor.)
Leyse, Albert B., assignor to Leyse Aluminum Company, Kewaunee, Wis. Cooking utensil. 1,446,709; Feb. 27.
Leyse Aluminum Company. (See Leyse, Albert B., assignor.)
Leysieffer, Gustav. (See Balke, P., and Leysieffer.)
Leytham, Thomas, assignor to Shur-On Optical Company, Inc., Rochester, N. Y. Temple for eyeglasses. 1,459,778; June 26.
Lezert, Erastus A., Cincinnati, Ohio. Amusement device. 1,448,306; Mar. 13.
Liale, John L., Redlands, Calif. Ironing board. 1,470,457; Oct. 9.
Libbey, C. A., Company. (See Rasmussen, Robert F., assignor.)
Libbey Glass Manufacturing Company, The. (See Schrader, Ernest C., assignor.)
Libbey-Owens Sheet Glass Company, The. (See Allen, Horace E., assignor.)
Libbey-Owens Sheet Glass Company, The. (See Brown, Wilbur F., assignor.)
Libbey-Owens Sheet Glass Company, The. (See Busard, Ingle B., assignor.)
Libbey-Owens Sheet Glass Company. The. (See Callard, Robert P., assignor.)
Libbey-Owens Sheet Glass Company, The. (See Crowley, Joseph P., assignor.)
Libbey-Owens Sheet Glass Company, The. (See Crowley, J. P., and Rowley, assignors.)
Libbey-Owens Sheet Glass Company, The. (See Deputy, Harry S., assignor.)
Libbey-Owens Sheet Glass Company, The. (See Deulin, Fernand E., assignor.)
Libbey-Owens Sheet Glass Company, The. (See Fowle, Arthur E., assignor.)
Libbey-Owens Sheet Glass Company, The. (See Gray, William, assignor.)
Libbey-Owens Sheet Glass Company, The. (See Henshaw, Seth B., assignor.)
Libbey-Owens Sheet Glass Company. (See Jacobs, William J., assignor.)
Libbey-Owens Sheet Glass Company, The. (See Owens, Michael J., assignor.)
Libbey-Owens Sheet Glass Company, The. (See Rowley, Clifford A., assignor.)
Libbey-Owens Sheet Glass Company, The. (See Rowley, C. A., and Reece, assignors.)
Libbey-Owens Sheet Glass Company, The. (See Soubier, Leonard D., assignor.)
Libbey-Owens Sheet Glass Company, The. (See Whittemore, James, assignor.)
Libbing, Henry H., San Francisco, Calif. Fruit and vegetable peeler. 1,467,863; Sept. 11.
Libby, A. D. T. (See Mitchell, John A., assignor.)
Libby, Albion D. T., East Orange, assignor to Splitdorf Electrical Company, Newark, N. J. Constructing electro-dynamic armatures. 1,447,993; Mar. 13.
Libby, George W., Portland, Me. Angle-measuring device. 1,468,598; Sept. 18.
Libby, Jacob J., Fostoria, Ohio. Grain door. 1,441,512; Jan. 9.
Libby, Stephen W. (See Howe, C. C., and Libby.)
Libera, Anton A., Thorndike, Mass. Rain signal. 1,442,162; Jan. 16.
Liberman, Bernard and L., and W. M. Reichart, Philadelphia, Pa.; said L. Liberman and said Reichart assignors to said Bernard Liberman. Cigar-bunching machine. 1,478,829; Dec. 25.
Liberman, Leon. (See Liberman, Bernard and L., and Reichart.)
Libertini, Frank, and A. Saveno, Fairview, N. J. Truck-loading scoop. 1,473,109; Nov. 6.
Liberty Electric Company. (See Moore, Young, assignor.)
Liberty Machine Tool Co., The. (See McCann, Alfred R., assignor.)
Liberty Oil Burner Company. (See Wood, Myron W., assignor.)
Liberty Patents Syndicate. (See Cantrall, Forrest L., assignor.)
Liberty Reed Company, The. (See Lindsay, Hamilton, assignor.)
Liberty Steel Products Company. (See Fowler, William E., jr., assignor.)
Library Bureau. (See Dawson, George H., assignor.)
Library Bureau. (See Ohnstrand, Enoch, assignor.)
Licciardello, Alfred, Lawrence, Mass. Automobile lock. 1,443,227; Jan. 23.
Lichtenberg, Erich H., assignor, by mesne assignments, to Koehring Company, Milwaukee, Wis. Concrete-distributing machine. 1,446,124; Feb. 20.
Lichtenberg, Erich H., assignor, by mesne assignments, to Koehring Company, Milwaukee, Wis. Loading device. 1,459,779; June 26.
Lichtenberg, Erich H., assignor, by mesne assignments, to Koehring Company, Milwaukee, Wis. Tractor. 1,477,571; Dec. 18.
Lichtenberg, Fred. and M. M. McCarthy, Yonkers, N. Y. Floor slab. 1,463,621; July 31.
Lichtenhahn, Theodor. (See Lüscher, E., and Lichtenhahn.)
Lichtenstein, Edward N., Baltimore, Md. Fountain bath brush. 1,452,976; Apr. 24.
Lichtenstein, Edward N., Baltimore, Md. Sanitary bath receptacle. 1,472,877; Nov. 6.
Lichtenthaeler, Frank E., Newton Highlands, Mass. Apparatus for the manufacture of ether. 1,467,583; Sept. 11.
Lichter, Adolph H., assignor to The Willys-Overland Company, Toledo, Ohio. Upholstering padding. 1,459,780; June 26.
Lichter, Malvin, assignor to said Malvin Lichter and L. Jacobs, partners trading as Stickless Fan Company, New York, N. Y. Fan. 1,446,978; Feb. 27.
Lichtman, Michael, New York, N. Y. Telescope. 1,461,063; July 10.
Liddell, John G., Everett, Mass. Method of and apparatus for die shaping metal. 1,448,457; Mar. 13.
Liddell, Lennox, Glasgow, Scotland. File or binder for letters, documents, or other sheets or papers. 1,476,088; Dec. 4.
Liddell, Louise J., New Orleans, La. Automobile lifter. 1,474,419; Nov. 20.
Liddell, Moses V., Harvey, assignor to Austin Manufacturing Co., Chicago, Ill. Street sweeper. 1,453,048; Apr. 24.
Lidgerwood Manufacturing Company et al. (See Swa E. D., and Manges, assignors.)
Lidholm, Johan H., Wargon, Sweden. Producing cyanamide. 1,444,255; Feb. 6.
Lidholm, Johan H., Wargon, Sweden. Producing a solution of cyanamide from calcium cyanamide. 1,444,256; Feb. 6.

Alphabetical list of patentees—Continued.

Lidholm, Knut F., and A. E. Hedwall, Denver, Colo. Fuel mixer. 1,456,135; May 22.
Lidseen, Gustave, Chicago, Ill. Oil can. 1,476,365; Dec. 4.
Liebau, Karl W., Fresno, Calif. Packing. 1,458,660; June 12.
Liebau, Richard, New Haven, Conn. Shock absorber. 1,464,574; Aug. 14.
Liebau, Richard, New Haven, Conn., assignor to The Westinghouse Air Spring Company. Air-spring suspension. 1,453,589; May 1.
Liebeck, Harry, Swarthmore, Pa., assignor to Scott Paper Company. Steam drying system for paper-making and other machines. 1,457,779; June 5.
Liebel, John G. H., and E. S. Flarsheim, Cincinnati, Ohio. Time switch. 1,473,679; Nov. 13.
Liebenstein, Max J., assignor to A. Stein & Company, Chicago, Ill. Garter fastener. 1,476,018; Dec. 4.
Lieber, William H., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Thrust bearing. 1,457,081; May 29.
Lieberman, Abraham, Jamaica, N. Y. Coin retainer and dispenser. 1,454,445; May 8.
Lieberman, Nathan L., New York, N. Y. Fluid gauge. 1,446,439; Feb. 20.
Lieberthal, Robert H., assignor to The All-In-One Manufacturing Company, Incorporated, Bridgeport, Conn. Combination toothbrush and holder. 1,464,250; Aug. 7.
Liebknecht, Otto, Frankfort-on-the-Main, Germany, assignor to The Roessler & Hasslacher Chemical Company, New York, N. Y. Reenforced platinum anode for production of persalts. 1,470,577; Oct. 9.
Liebmann, Alfred, New York, N. Y., assignor to Auto Kontrol Lock Corporation. Indicating lock. 1,445,444; Feb. 13.
Liebowitz, Benjamin, New Rochelle, N. Y. Flexible joint. 1,460,817; July 3.
Liebowitz, Benjamin, New Rochelle, N. Y. Vibration-recording apparatus. 1,473,911; Nov. 13.
Lieckfelt, Ernest F., Detroit, Mich. Resilient wheel. 1,462,865; July 24.
Lieder, Anthony P., and J. F. Smith, Jackson, Mich. Grease cup. 1,466,024; Aug. 28.
Liedstrand, Harry E., Oakland, Calif. Water heater. 1,448,136; Mar. 13.
Liedstrand, Karl E. L., Stockholm, Sweden. Machine for effecting slots in cards for statistic or similar purposes. 1,459,407; June 19.
Liedtke, Arthur J., West Allis, Wis. Tractor. 1,441,232; Jan. 9.
Lienzén, David L., and K. Larsson, Stockholm, Sweden. Switching apparatus for telephone systems. 1,460,913; July 3.
Lies, William, assignor to Greenpoint Metallic Bed Company, Brooklyn, N. Y. End frame for a bedstead. Des. 62,575; June 26.
Lieser, Gilbert A., assignor to Malleable Iron Range Company, Beaver Dam, Wis. Combination range. 1,445,403; Feb. 13.
Lifschitz, Charles W. (See Nelson, Louis, assignor.)
Lifton, Samuel H., Brooklyn, N. Y. Brief case. 1,463,270; July 31.
Liggett, Hugh C., R. Peterson, and S. W. Liggett, Salineville, Ohio. Mine-door-operating mechanism. 1,478,970; Dec. 25.
Liggett, Sherman W. (See Liggett, H. C., Peterson, and Liggett.)
Light, Henry B., assignor of one-half to C. A. Almy, San Quentin, Calif. Heel. 1,471,966; Oct. 23.
Light, Ralph A., and J. W. Price, jr., assignor to The United States Metallic Packing Company, Philadelphia, Pa. Making segmental metallic packing rings. 1,444,473; Feb. 6.
Light, Ralph A., and J. W. Price, jr., assignors to The United States Metallic Packing Company, Philadelphia, Pa. Track sander. 1,459,737; June 26.
Light, Ralph A., and J. W. Price, jr., assignors to The United States Metallic Packing Company, Philadelphia, Pa. Making metallic rings and packing-ring blank. 1,470,537; Oct. 9.
Lightfoot, Edwin N., New York, N. Y., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Electric heater. 1,445,897; Feb. 20.
Lightfoot, Edwin N., New York, N. Y., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Heating system for typesetting-machine crucibles and the like. 1,449,425; Mar. 27.
Lightfoot, Edwin N., New York, N. Y., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Electric heating appliance. 1,451,880; Apr. 17.
Lightfoot, Edwin N., New York, N. Y., assignor to The Cutler-Hammer Mfg. Co. Milwaukee, Wis. Ignition device for internal-combustion engines. 1,454,549; May 8.
Lightfoot, Richard T., Los Angeles, Calif. Filter. 1,446,572; Feb. 27.
Lightfoot, Richard T., Los Angeles, Calif. Filter. 1,446,573; Feb. 27.
Lightford, William L., Indianapolis, Ind. Fuel control for internal-combustion engines. 1,473,303; Nov. 6.
Lightner, Arthur D., and E. Holmes, assignors to The Willys-Overland Company, Toledo, Ohio. Lifting truck. 1,448,806; Mar. 20.
Lightner, Arthur D., and E. Holmes, assignors to The Willys-Overland Company, Toledo, Ohio. Elevating truck. 1,452,300; Apr. 17.
Lightner, Arthur D., and E. Holmes, assignors to The Willys-Overland Company, Toledo, Ohio. Hoisting apparatus. 1,468,482; Sept. 18.
Lightnin Sparker Manufacturing Company. (See Howard, Alonzo, assignor.)
Lightolier Company. (See Dahl, Thure E., assignor.)
Lignell, Peter, et al. (See Nelson, Otto, assignor.)
Lignite Pressed Steel Coal Company, The. (See Neumaier, John E., assignor.)
Lile, Adiel O., Corbin, Kans. Coupling. 1,469,671; Oct. 2.
Lilienfeld, Leon, Vienna, Austria. Production of cellulose ethers. 1,441,989; Jan. 9.
Lilienfeld, Leon, Podhajce, Poland. Producing colloidal soluble substances and suspensions. 1,444,257; Feb. 6.
Lilienfeldt, Gustav, New York, N. Y. Detachable shoe sole and heel. 1,463,514; July 31.
Lillard, William W., Jersey City, N. J. Game. 1,472,657; Oct. 30.
Lilleberg, Charles L., Chicago, Ill. Switching device. 1,473,304; Nov. 6.
Lilley, Dennis E., and G. W. Cauffield, Bolivar, Pa. Pick or tool handle. 1,448,488; Mar. 13.
Lillibridge, Harry D., Zanesville, Ohio, assignor to American Encaustic Tiling Company, Ltd., New York, N. Y. Crucible. 1,441,690; Jan. 9.
Lillibridge, Harry D., Zanesville, Ohio, assignor to American Encaustic Tiling Co., Ltd., New York, N. Y. Tunnel-kiln car. 1,473,152; Nov. 6.
Lillie, Samuel M., Philadelphia, Pa. Surface condenser. Re15,553; Mar. 6.
Lillie, Walter L., Columbus, Ohio. Cabinet. 1,440,687; Jan. 2.
Lillie, Walter L., assignor to The Walter L. Lillie Company, Columbus, Ohio. Cabinet. Des. 62,956; Aug. 28.
Lillie, Walter L., assignor to The Walter L. Lillie Company, Columbus, Ohio. Cabinet. Des. 62,957; Aug. 28.
Lillie, Walter L., Company, The. (See Lillie, Walter L., assignor.)
Lillis, William J., Grand Rapids, Mich. Vending machine. 1,449,864; Mar. 27.
Lilly, Daniel E., Mount Hope, W. Va. Trimming and pasting machine. 1,448,631; Mar. 13.
Lilly Dental Products Company. (See Lilly, Oswell W., assignor.)
Lilly, Oswell W., assignor to Lilly Dental Products Company, Welch, W. Va. Compound for treating Vincent's stomatitis. 1,469,322; Oct. 2.
Lilly, Thomas L., Minonk, Ill. Hinge. 1,441,159; Jan. 2.
Lilly, Thomas L., Minonk, Ill. End gate. 1,465,521; Aug. 21.
Lilly, William J., Chicago, Ill. Lettering appliance. 1,478,524; Dec. 25.
Limoges China Company, The. (See Albright, Donald S., assignor.)
Limont, Alexander W., Bridgeport, Conn. Manufacturing valve stems. 1,446,468; Feb. 27.
Limont, Alexander W., Bridgeport, Conn. Making valve stems. 1,446,469; Feb. 27.
Limont, Alexander W., Bridgeport, Conn. Making valve stems. 1,446,470; Feb. 27.
Limont, Alexander W., assignor to Bridgeport Brass Company, Bridgeport, Conn. Machine for making projectile bands and the like. 1,444,511; Feb. 6.
Limoseth, Bernt, Westby, Wis. Draft attachment. 1,451,620; Apr. 10.
Limousine Body Company. (See Fleckenstein, John A., assignor.)
Linck, Joseph F., Milwaukee, Wis. Foot accelerator. 1,465,400; Aug. 21.
Lincoln, Chester L., New York, N. Y. Manhole top. 1,447,256; Mar. 6.
Lincoln, Ellis S., assignor to The Ohio Brass Company, Mansfield, Ohio. Current-collecting head. 1,441,289; Jan. 9.
Lincoln, Ellis S., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley base. 1,447,217; Mar. 6.
Lincoln, Irvin, Lansing, Mich. Resilient wheel. 1,450,671; Apr. 3.
Lincoln Meter Company, The. (See Paine, Louis A., assignor.)
Lincoln Steel and Forge Company. (See Barke, Frank S., assignor.)
Lincoln, William W., Washington, D. C. Direction signal for automobiles. Re15,584; Apr. 24.
Lind, John, Clearwater, Idaho. Gate and operating mechanism therefor. 1,459,631; June 19.
Lind, John L., Siren, Wis. Portable phonograph. 1,454,389; May 8.
Lindahl, Erick P., assignor to The Icy-Hot Bottle Company, Cincinnati, Ohio. Apparatus for drying. 1,445,093; Feb. 13.
Lindauer, Alfred C., Madison, Wis., dedicated, by mesne assignments, to the People of the United States. Blood-albumin glue. 1,459,541; June 19.
Lindberg, Charles A., assignor to Sturgis Steel Go-Cart Company, Sturgis, Mich. Adjustable support. 1,466,952; Sept. 4.
Lindberg, John F. (See Shivers, P. F., and Lindberg.)

Lindberg, John F., Chicago, Ill. Pencil. 1,447,677; Mar. 6.
Lindberg, John F., Chicago, Ill. Pencil. 1,447,678; Mar. 6.
Lindberg, John F., Chicago, Ill. Locking mechanism. 1,468,027; Sept. 18.
Lindberg, John F., Chicago, Ill. Electric switch. 1,471,903; Oct. 23.
Lindbloom, Albert C., Chicago, Ill. Packing device for valve stems. 1,470,276; Oct. 9.
Lindbloom, Frank E., Tacoma, Wash. Air-valve-leakage detector for pneumatic tubes. 1,449,010; Mar. 20.
Lindbom, Enoch, Chandler, and C. W. Burroughs, Montreal, Quebec, Canada. Instrument for recording differentials in pressures. 1,446,097; Feb. 20.
Linde Air Products Company, The. (See Carter, G. O., and Pierce, assignors.)
Linde Air Products Company, The. (See Haynes, Pierre E., assignor.)
Linde Air Products Company, The. (See Haynes, P. E., and Curme, assignors.)
Linde Air Products Company, The. (See Haynes, P. E., and Gerfin, assignors.)
Linde, Erick D., Burdick, Kans. Radiator cover. 1,459,593; June 19.
Lindell, Gustave, Pictou, Nova Scotia, Canada. Safety-razor-blade holder. 1,459,028; June 19.
Lindelof, Gustaf H., De Kalb, Ill. Wall bridge for switches. 1,453,017; Apr. 24.
Lindeman, Jesse G., Yakima, Wash. Orchard disk or harrow. 1,478,830; Dec. 25.
Lindemann, A. J., & Hoverson. (See Rutenber, Edwin A., assignor.)
Lindemann, A. J., & Hoverson Company. (See Lindemann, Walter C., assignor.)
Lindemann, Walter C., assignor to A. J. Lindemann & Hoverson Company, Milwaukee, Wis. Oil stove. 1,460,258; June 26.
Lindemann, Walter C., assignor to A. J. Lindemann & Hoverson Company, Milwaukee, Wis. Electric heating device. 1,460,259; June 26.
Linden, John O., Albuquerque, N. Mex. Massage device. 1,443,269; Jan. 23.
Linden, John O., Albuquerque, N. Mex. Massage device. 1,456,452; May 22.
Lindenberg, Moritz T., Boston, Mass. Liquid motor. 1,451,580; Apr. 10.
Lindenberg, Otto H., Columbus, Ohio. Medal. Des. 63,567; Dec. 18.
Lindenmayer, Arthur, Lansdowne, Pa. Receptacle for holding powdered material or the like. 1,457,879; June 5.
Lindenmayer, Arthur, Lansdowne, Pa. Receptacle for holding powdered material or the like. 1,472,658; Oct. 30.
Lindenmayer, William, New York, N. Y. Refill for vanity cases. 1,456,453; May 22.
Lindenmayer, William, New York, N. Y. Toilet case. 1,456,454; May 22.
Lindenmuth, Harry D., Fleming, Pa. Valve lifter. 1,467,439; Sept. 11.
Lindenschmidt, August E., Fort Thomas, Ky. Record coupon envelope. 1,464,912; Aug. 14.
Lindenthal, Gustav, Metuchen, N. J. Bridge construction. 1,447,257; Mar. 6.
Lindenthal, H. M., & Sons. (See Lindenthal, Henry M., assignor.)
Lindenthal, Henry M., assignor to H. M. Lindenthal & Sons, Chicago, Ill. Coat and the like. 1,471,902; Oct. 23.
Lindfeldt, Edward C., Des Moines, Iowa. Gauntlet for gloves. 1,445,094; Feb. 13.
Lindgren, Alexus C., Evanston, Ill., assignor to International Harvester Company. Sulky plow. 1,452,301; Apr. 17.
Lindgren, Alexus C., Evanston, Ill., assignor to International Harvester Company. Flexible disk-plow scraper. 1,474,906; Nov. 20.
Lindgren, Alexus C., Hamilton, Ontario, Canada, assignor, by mesne assignments, to F. Gerlach and A. B. Keller, trustees, Chicago, Ill. Power-lift plow. 1,440,924; Jan. 2.
Lindgren, Bror J., assignor to Niagara Machine & Tool Works, Buffalo, N. Y. Machine for bending pipes. 1,471,176; Oct. 16.
Lindgren, Frank O., Minneapolis, Minn. Knotting mechanism for tying sacks. 1,459,833; June 26.
Lindgren, Waldemar L., assignor to A. A. Norton, Chicago, Ill. Vacuum cleaner. 1,458,714; June 12.
Lindgren, Waldemar L., assignor of one-half to J. E. Ericsson, Chicago, Ill. Clutch. 1,472,479; Oct. 30.
Lindgren, Waldemar L., assignor of one-half to J. E. Ericsson, Chicago, Ill. Clutch. 1,472,480; Oct. 30.
Lindholm, Aaron S., Orange, Calif. Automatic stop for phonographs. 1,460,202; June 26.
Lindhorst, Frederick L., assignor to Detroit Torch & Manufacturing Company, Detroit, Mich. Firepot. 1,447,796; Mar. 6.
Lindhorst, George H. W., Grace, Mont. Tire. 1,469,670; Oct. 2.
Lindley, Francis S., East Bakersfield, Calif. Concrete-block machine. 1,455,296; May 15.
Lindmark, Andrew B., Bridgeport, Conn. Tool holder. 1,443,752; Jan. 30.
Lindner, Arthur E., Brooklyn, assignor to The L. and H. Special Machine Co., Inc., New York, N. Y. Buttonhole-sewing machine. 1,461,040; July 10.
Lindner, Emmet P., Indianapolis, Ind. Wireless wave detector. 1,441,988; Jan. 9.
Lindner, John C., assignor to General Railway Signal Company, Rochester, N. Y. Electric interlocking system. 1,442,688; Jan. 16.
Lindquist, David L., Yonkers, N. Y., assignor to Otis Elevator Company, Jersey City, N. J. V-grooved sheave. 1,458,425; June 12.
Lindquist, J. V. (See Sergeant, Newton D., assignor.)
Lindsay, Bert, assignor of one-fourth to L. Lindsay, one-fourth to F. Lindsay, and one-fourth to W. Lindsay, Antigo, Wis. Automatic lock nut. 1,455,057; May 15.
Lindsay, Frank, et al. (See Lindsay, Bert, assignor.)
Lindsay, Hamilton, assignor to The Liberty Reed Company, Cleveland, Ohio. Reed for weaving wire cloth. 1,455,537; May 15.
Lindsay, Hamilton, assignor to The Lindsay Wire Weaving Company, Cleveland, Ohio. Seam for woven-wire belts. 1,464,946; Aug. 14.
Lindsay, Hamilton, assignor to The Lindsay Wire Weaving Company, Cleveland, Ohio. Seam for woven-wire belts. 1,464,947; Aug. 14.
Lindsay, Hamilton, assignor to The Lindsay Wire Weaving Company, Cleveland, Ohio. Seam for woven-wire belts. 1,464,948; Aug. 14.
Lindsay, Harvey B., assignor to The Dry-Zero Corporation, Oakland, Calif. Door latch. 1,448,137; Mar. 13.
Lindsay, Harvey B., assignor to The Dry-Zero Corporation, Oakland, Calif. Insulating wall. 1,462,648; July 24.
Lindsay, Harvey B., assignor to The Dry-Zero Corporation, Oakland, Calif. Refrigerator and ice machine. 1,474,535; Nov. 20.
Lindsay, James. (See Griffith, F. P., Lindsay, and Geoghegan.)
Lindsay, Leon, et al (See Lindsay, Bert, assignor.)
Lindsay, Philip K., West Somerville, Mass. Automatic control for pumps and the like. 1,476,406; Dec. 4.
Lindsay, Robert F., assignor to M. E. Brown, Columbia, S. C. Process of and apparatus for manufacturing ice. 1,464,433; Aug. 7.
Lindsay, Robert F., and R. H. Hemphill, Charleston, S. C. Air-agitating tube for refrigerating systems. 1,442,410; Jan. 16.
Lindsay, William, et al. (See Lindsay, Bert, assignor.)
Lindsay, William G., Newark, N. J., assignor to The Celluloid Company. Making sheets of pyroxylin compound. 1,468,820; Sept. 25.
Lindsay, William T., and C. H. Fudge, Chattanooga, Tenn. Spotlight bracket. 1,442,411; Jan. 16.
Lindsay Wire Weaving Company, The. (See Lindsay, Hamilton, assignor.)
Lindsey, Al. (See Landing, William H., assignor.)
Lindsey, Frank E., St. Louis, Mo. Vehicle seat. 1,441,815; Jan. 9.
Lindsey, Frederick C., Indianapolis, Ind. Engine-controlling mechanism. 1,467,620; Sept. 11.
Lindsey, Samuel W., Middlebrook, Ark. Current motor. 1,441,361; Jan. 9.
Lindskoog, Carl I., et al. (See Fellroth, Erick O., assignor.)
Lindsten, Albin, White Bear Lake, Minn. Practicing device for learning telegraph and radio codes. 1,474,534; Nov. 20.
Lindstrom, Elmer H., and R. V. Seaholm, Chicago Heights, Ill. Fencepost. 1,464,326; Aug. 7.
Lindstrom, Frank L., Bridgeport, Conn. Toy. 1,462,090; July 17.
Lindstrom, Frank L., Bridgeport, Conn. Spinning top. 1,462,091; July 17.
Lindstrom, Herman A., Seattle, Wash. Paper fastener. 1,477,966; Dec. 18.
Lindstrom, Herman A., Seattle, Wash. Punch for paper fasteners. 1,477,967; Dec. 18.
Lindstrom, John, Henderson, Ky. Violin peg. 1,443,486; Jan. 30.
Lindstrom, Walter R., assignor of one-third to E. C. McKenna, Minneapolis, Minn. Detachable guide or tip for fishing rods. 1,473,437; Nov. 6.
Lineatime Mfg. Co. (See Whitehead, Richard, assignor.)
Linebaugh, Edward R., Barberton, Ohio, assignor to The Diamond Match Company, Chicago, Ill. Paper-cutting machine. 1,461,425; July 10.
Linfoot, Benjamin E., Philadelphia, Pa. Crate for bottle-cleaning machines. 1,460,068; June 26.
Ling, William H., Groveland, Calif. Propelling device for boats. 1,448,971; Mar. 20.
Lingafelter, Fred E., and G. S. Heck, Mansfield, Ohio. Forcing fish bait, worms, etc., out of the earth. 1,446,914; Feb. 27.
Lingenfelter, George, Sandy, Oreg. Orchard heater. 1,461,247; July 10.
Linhardt, Charles, jr., Baltimore, Md. Marine torch. 1,445,222; Feb. 13.
Lininger, William. (See White, H. W., and Lininger.)
Link-Belt Company. (See Campbell, William S., assignor.)

Link Belt Company. (See Dull, Raymond W., assignor.)
Link-Belt Company. (See Pratt, Howell D., assignor.)
Link-Belt Company. (See Waechter, F. F., and Campbell, assignors.)
Link, Emil F., et al., executors. (See Hellenthal, Karl.)
Link, Frank H., South Braintree, Mass. Truck attachment for shoe racks. 1,473,912; Nov. 13.
Link, Manfred W., Kansas City, Mo. Front radius rod. 1,456,740; May 29.
Link, Vincent, Detroit, Mich., assignor to Studebaker Corporation. Braking mechanism. 1,453,050; Apr. 24.
Link, Walter, Ajo, Ariz. Testing device for flash-light batteries and lamps. 1,459,336; June 19.
Link, Walter, assignor to American Airship Association, Ajo, Ariz. Airship. 1,472,076; Oct. 30.
Linké, Charles, assignor of one-half to J. Gemayel, Paris, France. Burner for liquid combustibles. 1,459,226; June 19.
Linke, Oscar W. (See Steiert, A. F., and Linke.)
Linkowski, Ludwig, Altenbochum, Germany. Jig-conveyer motor. 1,456,389; May 22.
Linnemann, Otto, Glen Cove, N. Y. Sail-reefing mechanism for boats. 1,442,623; Jan. 16.
Linotype and Machinery Limited. (See Bugler, A. V., and Delafons, assignors.)
Linotype and Machinery Limited. (See Drake, Tom, assignor.)
Linotype and Machinery Limited. (See French, Arthur G., assignor.)
Linotype and Machinery Limited. (See Parker, Thomas R. G., assignor.)
Linral Company, The. (See Cates, Franklin O., assignor.)
Lins, Martin J., St. Paul, Minn. Car seal. 1,455,403; May 15.
Linsner, Arthur F., Astoria, N. Y., assignor to New York Blue Print Paper Company. Parallel attachment for drawing boards. 1,468,312; Sept. 18.
Lint, Peter H., Los Gatos, Calif. Fruit-gathering machine. 1,476,207; Dec. 4.
Linton, George E., Sudbury, Ontario, Canada. Crosshead. 1,446,192; Feb. 20.
Linton, Michael S., Memphis, Tenn. Piston-ring tool. 1,458,067; June 5.
Linville, Roy H., San Antonio, Tex. Adjustable clamp. 1,441,935; Jan. 9.
Linz, Arthur, New York, N. Y., assignor to The Chemical Foundation Incorporated. Compound of monazo dyestuffs and lakes derivable therefrom. 1,445,331. Feb. 13.
Lion, Walter, Dresden, Germany. Antiskidding device for dual tires. 1,457,116; May 29.
Lipanye, Louis, et al. (See Hileman, Ernest J., assignor.)
Lipcot, Fred L., C. F. Drumm, jr., and M. C. Frins, assignors to International Motor Company, New York, N. Y. Air brake for motor-propelled rail cars. 1,466,452; Aug. 28.
Lipcsey, Frank L. (See MacKillican, J. A., and Lipcsey.)
Lippert, Albert C., Canton, Ohio. Salt-cake cup. 1,466,132; Aug. 28.
Lippert, Aloysius C., Kenosha, Wis., and J. A. Sinko, assignors to Advance Products Corporation, Chicago, Ill. Radiator cap. 1,472,878; Nov. 6.
Lippincott, Frank T., Newark, Ohio. Connector. 1,443,579; Jan. 30.
Lippincott, John W., Little Rock, Ark. Convertible false floor. 1,440,476; Jan. 2.
Lippis, Ben, Chandler, Colo. Drilling machine. 1,471,904; Oct. 23.
Lippis, John, assignor of one-half to J. P. Thomas, jr., Canon City, Colo. Coupling for pipes. 1,464,768; Aug. 14.
Lippold, William E., Milwaukee, Wis. Nut lock. 1,449,683; Mar. 27.
Lipps, Morris, New York, N. Y. Bed construction. 1,476,089; Dec. 4.
Lippy, Charles H., Snohomish County, Wash. Glare shield. 1,457,929; June 5.
Lipschutz, George, Philadelphia, Pa. Ground clamp. 1,458,533; June 12.
Lipscomb, May B. (See Allen, Broadus S., assignor.)
Lipscomb, Robert A., Holt, Ala. Mixing valve. 1,447,391; Mar. 6.
Lipscomb, Robert A., Holt, Ala. Fuel and burning same. 1,447,392; Mar. 6.
Lipsky, Norman, New York, N. Y., assignor to Henry Hyman & Company, Inc. Lighting-fixture pan. Des. 62,635; July 10.
Lipsky, Norman, New York, N. Y., assignor to Henry Hyman & Company, Inc. Lighting-fixture pan. Des. 62,636; July 10.
Lipsky, Norman, New York, N. Y., assignor to Henry Hyman & Company, Inc. Lighting-fixture band. Des. 62,637; July 10.
Lipsky, Norman, New York, N. Y., assignor to Henry Hyman & Company, Inc. Lighting-fixture body. Des. 62,638; July 10.
Lipsky, Norman, New York, N. Y., assignor to Henry Hyman & Company, Inc. Lighting-fixture arm. Des. 62,639; July 10.
Lipsky, Norman, New York, N. Y., assignor to Henry Hyman & Company, Inc. Lighting-fixture arm. Des. 63,403; Dec. 4.
Lipsky, Norman, New York, N. Y., assignor to Henry Hyman & Company, Inc. Lighting-fixture bracket. Des. 63,404; Dec. 4.
Lipsner, Benjamin B., and P. Sporer, assignors of one-third to M. A. Dreyfus, Chicago, Ill. Dishwasher nozzle. 1,476,090; Dec. 4.
Liptak Fire Brick Arch Co. (See Liptak, Michael, assignor.)
Liptak Fire-Brick Arch Company. (See Strachota, Clarence A., assignor.)
Liptak, Michael, St. Paul, Minn. Brick trim for walls. 1,454,293; May 8.
Liptak, Michael, St. Paul, Minn. Brick-faced metallic trim. 1,454,294; May 8.
Liptak, Michael, St. Paul, Minn. Furnace wall. 1,463,058; July 24.
Liptak, Michael, St. Paul, assignor to Liptak Fire Brick Arch Co., Minneapolis, Minn. Furnace arch for boilers. 1,443,487; Jan. 30.
Liptak, Michael, St. Paul, assignor to Liptak Fire Brick Arch Co., Minneapolis, Minn. Beam hanger. 1,454,292; May 8.
Liptak, Michael, St. Paul, assignor to Liptak Fire Brick Arch Co., Minneapolis, Minn. Furnace arch. 1,457,442; June 5.
Liptak, Michael, St. Paul, assignor to Liptak Fire Brick Arch Co., Minneapolis, Minn. Furnace. 1,457,443; June 5.
Liptak, Michael, St. Paul, Minn., assignor to A. P. Green Fire Brick Company, Mexico, Mo. Furnace wall. 1,463,044; July 24.
Liptak, Michael, St. Paul, Minn., assignor to A. P. Green Fire Brick Company, Mexico, Mo. Furnace-wall structure. 1,463,045; July 24.
Liptak, Michael, St. Paul, Minn., assignor to A. P. Green Fire Brick Company, Mexico, Mo. Furnace wall. 1,463,046; July 24.
Liptak, Michael, St. Paul, Minn., assignor to A. P. Green Fire Brick Company, Mexico, Mo. Furnace wall. 1,463,047; July 24.
Liptak, Michael, St. Paul, Minn., assignor to A. P. Green Fire Brick Company, Mexico, Mo. Furnace wall. 1,463,048; July 24.
Liptak, Michael, St. Paul, Minn., assignor to A. P. Green Fire Brick Company, Mexico, Mo. Furnace wall. 1,463,049; July 24.
Liptak, Michael, St. Paul, Minn., assignor to A. P. Green Fire Brick Company, Mexico, Mo. Furnace wall. 1,463,050; July 24.
Liptak, Michael, St. Paul, Minn., assignor to A. P. Green Fire Brick Company, Mexico, Mo. Partition wall for furnaces. 1,463,051; July 24.
Liptak, Michael, St. Paul, Minn., assignor to A. P. Green Fire Brick Company, Mexico, Mo. Furnace wall. 1,463,052; July 24.
Liptak, Michael, St. Paul, Minn., assignor to A. P. Green Fire Brick Company, Mexico, Mo. Furnace wall. 1,463,053; July 24.
Liptak, Michael, St. Paul, Minn., assignor to A. P. Green Fire Brick Company, Mexico, Mo. Furnace wall. 1,463,054; July 24.
Liptak, Michael, St. Paul, Minn., assignor to A. P. Green Fire Brick Company, Mexico, Mo. Furnace wall. 1,463,055; July 24.
Liptak, Michael, St. Paul, Minn., assignor to A. P. Green Fire Brick Company, Mexico, Mo. Furnace wall. 1,463,056; July 24.
Liptak, Michael, St. Paul, Minn., assignor to A. P. Green Fire Brick Company, Mexico, Mo. Furnace wall. 1,463,057; July 24.
Lirussi, Arturo. (See Cesoni, F., and Lirussi.)
Lisenby Manufacturing Company. (See Barber, Lewis R., assignor.)
Lisi, Cesare, Susquehanna, Pa. Direction signal and stop signal for automobiles. 1,441,513; Jan. 9.
Lisi, Henry, Susquehanna, Pa. Doughnut-cooking machine. 1,461,488; July 10.
Lisowski, Maryan L., Cranford, N. J. Apparatus for building construction. 1,461,426; July 10.
Lisoy, Abraham L., Dallas, Tex. Watchman's time-recording device. 1,478,666; Dec. 25.
Liss, August S., Chicago, Ill. Fly exterminator. 1,477,273; Dec. 11.
Lissauer, Adolph W., and W. L. Fleisher, assignors to W. L. Fleisher & Co. Inc., New York, N. Y. Humidifying-apparatus control. 1,458,490; June 12.
Lisse, Leopold, Berlin, Germany. Apparatus for generating respirable air from liquefied gases. 1,459,158; June 19.
Lisse, Leopold, Berlin, Germany. Preparing blasting charges for ignition. 1,473,596; Nov. 6.
Lisse, Leopold, Berlin, Germany. Producing blasting cartridges capable of absorbing liquefied gases. 1,473,994; Nov. 13.
Lisson, Louis, Syracuse, N. Y. Film-spool support. 1,460,971; July 3.
List, Frank X., New York, N. Y. Folding advertising box. 1,453,849; May 1.
List, Frank X., New York, N. Y. Secure collar button. 1,462,509; July 24.

List, Frank X., assignor to National Card Mounting Company, New York, N. Y. Display carton. 1,448,138; Mar. 13.
Lister, Charles H., North St. Paul, Minn. Reciprocating conveyer system. 1,462,511; July 24.
Lister, Charles H., North St. Paul, Minn., assignor to Standard Conveyor Company. Reciprocating conveyer. 1,462,510; July 24.
Lister, Edwin, executor. (See Lister, Joseph.)
Lister, John T., Cleveland, Ohio. Apparatus and method for forming tires. 1,441,514; Jan. 9.
Lister, John T., Wellington, Ohio. Hose. 1,469,519; Oct. 2.
Lister, Joseph, deceased, Chicago, Ill.; E. Lister, executor. Rendering process. 1,470,228; Oct. 9.
Lister, William C., Toronto, Ontario, Canada. Adjustable seat. 1,460,721; July 3.
Listo Pencil Corporation. (See Wehn, Charles E., assignor.)
Liston, John L. (See Rode, F. J., Frost, and Liston.)
Liston, Noah A., Glassport, Pa. Apparatus for making wire glass. 1,466,025; Aug. 28.
Litchfield, Edgar C. and H. L., and V. Speer, Waterloo, Iowa; said Speer assignor to said Edgar C. Litchfield and said H. L. Litchfield. Self-lubricating wheel and pitman. 1,454,021; May 1.
Litchfield, Henry L. (See Litchfield, E. C. and H. L., and Speer.)
Litchfield, Homer H., Rockford, Ill. Drying frame. 1,460,260; June 26.
Lithoprintex Corporation. (See Jones, Harry C., assignor.)
Litle, Thomas J., jr., assignor to Cadillac Motor Car Company, Detroit, Mich. Motor vehicle. 1,448,072; Mar. 13.
Litle, Thomas J., jr., assignor, by mesne assignments, to H. H. Emmons, Detroit, Mich. Clutch disk. 1,467,732; Sept. 11.
Litle, Thomas J., jr., assignor, by mesne assignments, to H. H. Emmons, Detroit, Mich. Dust guard for bearings. 1,473,110; Nov. 6.
Litner, Isaac, Brooklyn, N. Y. Reflector. 1,445,601; Feb. 13.
Lito-Fone Company. (See Ouzoonian, Aram S., assignor.)
Litot, Bernard E., Wilkinsburg, Pa. Washing machine. 1,471,667; Oct. 23.
Littell, Emlen T. (See Luce, Charles J., assignor.)
Little, Arthur D., Inc. (See Murray, Wallace J., assignor.)
Little, Arthur D., Inc. (See Stevenson, Earl P., assignor.)
Little, Daniel G., Hartley, Iowa. Queen-excluding honey board. 1,445,778; Feb. 20.
Little, Earl W., Indianapolis, Ind., assignor to E. W. Little. Auxiliary spring for motor vehicles. 1,456,889; May 29.
Little, Edward, Cutler, Calif. Valve-grinding attachment. 1,443,228; Jan. 23.
Little, Edward, Pawtucket, R. I. Curtain fixture. 1,449,521; Mar. 27.
Little, Edward W. (See Little, Earl W., assignor.)
Little, Emery F., Hudson, S. Dak. Wire stretcher. 1,457,531; June 5.
Little, Frederick B., assignor to J. C. Deagan, Inc., Chicago, Ill. Sound-producing mechanism. 1,464,156; Aug. 7.
Little, Frederick B., assignor to J. C. Deagan, Inc., Chicago, Ill. Sound-producing mechanism. 1,473,485; Nov. 6.
Little, George H., Cumberland, Md. Support for pneumatic tools. 1,447,877; Mar. 6.
Little, George M., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric furnace. 1,443,580; Jan. 30.
Little, George M., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric-resistance tubular furnace. 1,443,581; Jan. 30.
Little, George M., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Protection of resistors of electric furnaces. 1,453,397; May 1.
Little, George M., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Self-tightening water-cooled terminal. 1,453,398; May 1.
Little, George M., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Means for protecting resistors in electric furnaces. 1,453,399; May 1.
Little, George M., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric resistance furnace. 1,456,890; May 29.
Little, George M., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric-furnace resistor. 1,456,891; May 29.
Little, George M., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Protected electrode for electric furnaces. 1,456,892; May 29.
Little, George M., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric-furnace wall construction. 1,456,893; May 29.
Little, George M., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Telescoping electrode protector. 1,456,894; May 29.
Little, George M., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Rheostat. 1,470,758; Oct. 16.
Little, George M., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Means for producing a sooty vapor in electric furnaces. 1,477,372; Dec. 11.
Little Giant Machine Company, The. (See Harkins, Thomas F., assignor.)
Little, Harry C., assignor to The Hydraulic Press Manufacturing Company, Mount Gilead, Ohio. Pump unloader. 1,446,511; Feb. 27.
Little, Thomas P., assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Tube manufacture. 1,450,320; Apr. 3.
Little, Thomas P., assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Applying cord fabric to cores. 1,471,905; Oct. 23.
Little, William E., Chicago, Ill. Combined toothbrush and dentifrice container. 1,461,922; July 17.
Little, William F., St. Louis, Mo. Identification and registration plate for automobiles. Des. 63,189; Oct. 30.
Littlefield, Charles W., Watsonville, Calif. Clothespin. 1,443,229; Jan. 23.
Littlefield, Dorothy W., Springville, N. Y. Doll. Des. 61,785; Jan. 9.
Littlefield, Edgar E., Seattle, Wash. Method of and apparatus for automatic actuation of mechanisms. 1,441,007; Jan. 2.
Littlefield, Henry B., Cleveland Heights, Ohio. Apartment with disappearing bed. 1,443,582; Jan. 30.
Littlefield, John, Bayonne, N. J. Doweling machine. 1,454,751; May 8.
Littlefield, Roy, Exira, Iowa. Cart structure for handling bee supers. 1,449,011; Mar. 20.
Littleford, George, Fort Thomas, Ky. Woodworking mechanism. 1,446,851; Feb. 27.
Littleford, George, Fort Thomas, Ky., and J. C. Kuykendall, Cincinnati, Ohio; said Kuykendall assignor to said Littleford. Wood-surfacing mechanism. 1,447,878; Mar. 6.
Littlejohn, Sidney R., New Malden, England. Fastening for wearing apparel and the like. 1,440,688; Jan. 2.
Littler, Carl W. (See Marquard, F. F., and Littler.)
Littleworth, Malcolm C., Duluth, Minn. Sealing device. 1,442,812; Jan. 23.
Littley, William, Philadelphia, Pa. Digging device. 1,443,138; Jan. 23.
Littrell, Frank. (See Skeppstedt, A. B., and Haddon, assignors.)
Litwiller, Thomas, and J. Leader, assignors to Getz Power Washer Co., Morton, Ill. Washing machine. 1,460,203; June 26.
Litwin, Simon, assignor of one-half to W. Poczobyt, Chicago, Ill. Baby walker. 1,449,050; Mar. 20.
Litz, Frank P., Corry, Pa. Foot rest. 1,458,426; June 12.
Litzenberg, Otto W., New York, N. Y. Fender. 1,444,973; Feb. 13.
Lively, Elbert W., West Haven, Conn. Egg-beater attachment or the like. 1,445,696; Feb. 20.
Lively, Lawrence E. (See Lambert, T. B., and Lively.)
Lively, Marion L., Atlanta, Ga. Rat trap. 1,470,854; Oct. 16.
Livenspargar, Charles F., Doniphan, Mo. Exterior adjuster for journal bearings. 1,478,393; Dec. 25.
Livergood, Gerald R., Houston, Tex. Pipe-engaging slip. 1,445,445; Feb. 13.
Livermore & Knight Company. (See Kendrick, Dyer T., assignor.)
Liversidge, Horace P., Bala, Pa. Fuse-box construction. 1,469,439; Oct. 2.
Livesay, George M., Ashley, Ill. Electric lock. 1,467,048; Sept. 4.
Livingood Manufacturing Corporation. (See Bates, Chester M., assignor.)
Livingston, Frank S., assignor to Snow Manufacturing Company, Los Angeles, Calif. Valve. 1,467,486; Sept. 11.
Livingston, Frank S., assignor to Snow Manufacturing Company, Los Angeles, Calif. Double-lever gate lock. 1,470,270; Oct. 9.
Livingston, Fremont P., Denver, Colo. Radiator cap for automobiles. Des. 62,095; Mar. 20.
Livingston, Hall, Auburn, Calif. Windshield for vehicles. 1,442,624; Jan. 16.
Livingston, Harry R., Washington, D. C. Vertical file-folder accessory. 1,466,308; Aug. 28
Livingston, Stanley D., assignor to The Connecticut Telephone & Electric Company, Incorporated, Meriden, Conn. Current regulator for ignition systems. 1,457,310; June 5.
Livingston, Stanley D., assignor to The Connecticut Telephone & Electric Company Inc., Meriden, Conn. Electric switch. 1,472,800; Nov. 6.
Livingston, Thomas P., North Augusta, S. C. Automatic window shade. 1,469,842; Oct. 9.
Livingston, Warren F., New Boston, Ill. Coop. 1,465,854; Aug. 21.
Livsey, William, Wallasey, England. Means for retaining pens, pencils, and the like in the pockets of garments. 1,450,162; Mar. 27.

Alphabetical list of patentees—Continued.

Ljungström, Fredrik, Brevik, Lidingon, Sweden. Fastening the blades of axial steam turbines. 1,440,395; Jan. 2.
Ljungström, Fredrik, Brevik, Lidingon, Sweden. Means for preventing formation of rust in turbines being at rest. 1,458,068; June 5.
Ljungström, Fredrik, Lidingo-Brevik, Sweden, assignor to Aktiebolaget Ljungströms Angturbin. Turbine-driven locomotive. 1,461,278; July 10.
Ljungström, Fredrik, Brevik, Lidingon, assignor to Aktiebolaget Ljungstroms Angturbin, Stockholm, Sweden. Method and apparatus for manufacture of flanges on plates. 1,464,434; Aug. 7.
Ljungström, Fredrik, Lidingo-Brevik, assignor to Aktiebolaget Ljungströms Angturbin, Stockholm, Sweden. Locomotive provided with tubular air preheaters. 1,477,968; Dec. 18.
Ljungstrom, Fredrik, Brevik, Lidingon, and I. Broberg, Tallhyddan, Skarsatra, Lidingon, assignors to Aktiebolaget Ljungstroms Angturbin, Stockholm, Sweden. Coal bunker for locomotives. 1,447,679; Mar. 6.
Ljungstrom, Fredrik, I. Broberg, and E. O. Ericksson, assignors to Aktiebolaget Ljungströms Angturbin, Stockholm, Sweden. Reversible gearing. 1,451,266; Apr. 10.
Llewellyn, George E., Eau Claire, Wis., assignor, by mesne assignments, to Sanitary Novelties Company. Collapsible bottle holder. 1,470,383; Oct. 9.
Llompart y Valdés, Miguel, and V. Bacallao y Villar, Habana, Cuba. Liquid fuel. 1,448,245; Mar. 13.
Lloyd, Amsey P., Elkhart, Ind. Wood binder. 1,469,843; Oct. 9.
Lloyd, Edwin C. J., Jeannette, Pa. Box and attachment therefor. 1,474,271; Nov. 13.
Lloyd, Ellis A., New York, and V. P. Gershon, Brooklyn, assignors to W. M. Grosvenor, New York, N. Y. Making nitrobenzoic acid and intermediates. 1,458,715; June 12.
Lloyd, Harry S. (See Bullock, S. M., and Lloyd.)
Lloyd, Henry G., Surbiton, England. Manufacture of coal or like briquettes. 1,458,716; June 12.
Lloyd, John A., Coventry, England, assignor to Courtaulds Limited, London, England. Preparation of starch and sulphuric acid. 1,455,630; May 15.
Lloyd, Marshall B., Menominee, Mich., assignor, by mesne assignments, to Heywood-Wakefield Company, Boston, Mass. Wall covering. 1,457,909; June 5.
Lloyd, Marshall B., Menominee, Mich., assignor, by mesne assignments, to Heywood-Wakefield Company, Boston, Mass. Reed-weaving machine. 1,459,781; June 26.
Lloyd, Marshall B., Menominee, Mich., assignor, by mesne assignments, to Heywood-Wakefield Company, Boston, Mass. Reed-weaving machine. 1,465,445; Aug. 21.
Lloyd, Marshall B., Menominee, Mich., assignor, by mesne assignments, to L. H. Greenwood, G. A. Keyworth, Gardner, and W. E. Holman, Leominster, Mass., trustees. Method of and means for binding the edges of reed fabric and the like. 1,455,959; May 22.
Lloyd, Marshall B., Menominee, Mich., assignor, by mesne assignments, to L. H. Greenwood, G. A. Keyworth, Gardner, Mass., and W. E. Holman, Leominster, Mass., trustees. Producing reedlike articles. 1,462,709; July 24.
Lloyd, Marshall B., Menominee, Mich., assignor, by mesne assignments, to L. H. Greenwood, G. A. Keyworth, Gardner, Mass., and W. E. Holman, Leominster, Mass., trustees. Producing reed articles. 1,462,710; July 24.
Lloyd, Marshall B., Menominee, Mich., assignor, by mesne assignments, to L. H. Greenwood, G. A. Keyworth, Gardner, and W. E. Holman, Leominster, Mass., trustees. Reed article and producing the same. 1,473,708; Nov. 13.
Lloyd, Otis S., Salisbury, Md. Concrete pile or building unit. 1,442,279; Jan. 16.
Lloyd, Rannie S., Maysville, N. C. Composition for varnish. 1,462,236; July 17.
Lloyd, Richard A. (See Miller, D. J. G., and Lloyd.)
Lloyd, Richard L., assignor to Dwight & Lloyd Sintering Company, New York, N. Y. Cleaning device for ore-sintering machines. 1,469,520; Oct. 2.
Lloyd, Richard L., assignor to Dwight & Lloyd Sintering Company, New York, N. Y. Sinter-machine drive mechanism. 1,469,521; Oct. 2.
Lloyd, Richard L., assignor to Dwight & Lloyd Sintering Company, New York, N. Y. Pallet mechanism for ore-sintering machines. 1,471,402; Oct. 23.
Lloyd, William A. (See Plitt, W. R., and Lloyd.)
Loadometer Company. (See Troll, Frederick J., assignor.)
Lober, George H., Toledo, Ohio. Machine for making connector tubes for radiators. 1,455,919; May 22.
Lober, George H., assignor to The Lober Radiator & Manufacturing Company, Toledo, Ohio. Automobile radiator assembly rack. 1,466,404; Aug. 28.
Lober Radiator & Manufacturing Company, The. (See Lober, George H., assignor.)
Lobit, Jean M., Brooklyn, N. Y. Combined cane and fishing implement. 1,442,813; Jan. 23.
Lobojok, John, Newark, N. J. Meat-grinder attachment. 1,442,676; Jan. 16.
Localized Advertising Corporation. (See Hartman, Milton, assignor.)
Lo Cascio, Pasquale, Brooklyn, assignor to Toy Business Corporation, New York, N. Y. Indicator. 1,462,028; July 17.
Lochhead, James S., Pittsburgh, Pa. Bar-grinding machine. 1,457,845; June 5.
Lochman, Emil R., Milwaukee, Wis. Propeller. 1,447,994; Mar. 13.
Lochner, John G., Brooklyn, N. Y. Combined chair and couch. 1,477,507; Dec. 11.
Lochridge, Eleanor A., Long Beach, Calif. Dressed doll. Des. 62,332; May 8.
Lochwitzky, Alexander M., Austin, Tex. Shoe. 1,458,717; June 12.
Lock-Edge Machine Corporation. (See Wilkes, Clarence H., assignor.)
Lock Joint Pipe Company. (See Hirsh, A. M., and Mitchell, assignors.)
Lock Joint Pipe Company. (See Mitchell, John C., assignor.)
Locke, Alfred M., Milwaukee, Wis. Compact attachment. 1,461,923; July 17.
Locke, Edward B., Detroit, Mich., assignor, by mesne assignments, to Dayton Scale Company, Dayton, Ohio. Weighing scale. 1,470,016; Oct. 9.
Locke Insulator Corporation. (See Goddard, Walter T., assignor.)
Locke Insulator Corporation. (See Reagan, Frank H., assignor.)
Lockert, George H., Elmwood, Okla. Animal poke. 1,470,458; Oct. 9.
Lockett, A. M., & Co. (See Lockett, Andrew M., assignor.)
Lockett, Andrew M., New Orleans, La. Water heater with percolator. 1,459,408; June 19.
Lockett, Andrew M., assignor to A. M. Lockett & Co., Ltd., New Orleans, La. Liquid-fuel burner. 1,442,163; Jan. 16.
Lockett, James H., Oakland, Calif. Wheel. 1,445,223; Feb. 13.
Lockhart, Harold J., assignor to The Parkersburg Rig & Reel Company, Parkersburg, W. Va. Control mechanism for well-drilling machines. 1,452,244; Apr. 17.
Lockhart, Harold J., assignor to The Parkersburg Rig & Reel Company, Parkersburg, W. Va. Attachment for well-rigging machines. 1,476,899; Dec. 11.
Lockhart, Howard, Falls City, Nebr., assignor to E. L. Vernon, Akron, Colo. Tank heater. 1,462,237; July 17.
Lockhart, John H., Ross Township, Pa. Drop awning. 1,442,956; Jan. 23.
Lockwood, Arthur L., Jackson, Mich. Safety clutch for propellers. 1,472,077; Oct. 30.
Lockwood, Charles S., Newark, assignor to Hyatt Roller Bearing Company, Harrison, N. J. Roller bearing and making same. 1,441,691; Jan. 9.
Lockwood, Henry S., assignor to The Lockwood Manufacturing Company, South Norwalk, Conn. Latch spindle. 1,472,481; Oct. 30.
Lockwood, Lee W., Minneapolis, Minn. Timer extension. 1,469,440; Oct. 2.
Lockwood Manufacturing Company, The. (See Lockwood, Henry S., assignor.)
Lockwood Manufacturing Company, The. (See Schultz, Fred, assignor.)
Locomobile Company, The. (See Alborn, Frans G., assignor.)
Locomobile Company, The. (See Church, Harold D., assignor.)
Locomobile Company, The. (See Roos, Delmar G., assignor.)
Locomobile Company, The. (See Rosner, Adolph, assignor.)
Locomobile Company, The. (See Schulz, Albert C., assignor.)
Locomotive Pulverized Fuel Company. (See Caracristi, Virginius Z., assignor.)
Locomotive Pulverized Fuel Company. (See Muhlfeld, J. E., and Caracristi, assignors.)
Locomotive Stoker Company. (See Lower, Nathan M., assignor.)
Lodding, Frederick W. (See Vedder, J. W., and Lodding.)
Lodge, Edwin W., Norfolk, assignor of one-fourth to F. D. Cock, Hampton, Va. Receptacle. 1,446,014; Feb. 20.
Loe, Syver, Minneapolis, Minn. Four-wheeled truck. 1,474,198; Nov. 13.
Loeb, Milton B., New York, N. Y., assignor to Brillo Manufacturing Co. Soap holder. 1,457,254; May 29.
Loeb, Samuel, New York, N. Y. Convertible watch. 1,454,322; May 8.
Loebell, Henry O., assignor, by mesne assignments, to Doherty Research Company, New York, N. Y. Gas-fired melting furnace. 1,457,780; June 5.
Loehler, Martial J., Asnieres, France. Rotary mold for molding milling cutters by centrifugal force. 1,452,838; Apr. 24.
Loehr-Voight, Edward, Bayside, N. Y. Shoe fastener. 1,464,849; Aug. 14.
Loepfe, Louis H., St. Louis, Mo. Window-cleaner's seat. 1,451,076; Apr. 10.
Loepsinger, Albert J., Cranston, R. I., assignor to General Fire Extinguisher Company, New York, N. Y. Automatic sprinkler. 1,464,622; Aug. 14.

Loesch, John J., assignor to Evr Klean Seat Pad Co., St. Louis, Mo. Seat cover. 1,452,882; Apr. 24.
Loesch, Milton C., assignor of one-half to W. F. Ryan, Cincinnati, Ohio. Vaporizer for combustion engines. 1,452,883; Apr. 24.
Loescher, Frederick E., Harrison, H. P. Jaenike, Brooklyn, and E. I. Daugherty, Elmhurst, N. Y. Volume-reducing valve cap. 1,446,710; Feb. 27.
Loew, Charles H., and J. R. Gruetter, Lakewood, Ohio. Bottle-cleaning apparatus. 1,462,512; July 24.
Loew, Charles H., and J. R. Gruetter, Lakewood, Ohio. Bottle-cleaning apparatus. 1,463,763; July 31.
Loew, Oscar A., Highland Park, assignor to Harwich Stamping Company, Springwells, Mich. Spare-tire carrier and lock. 1,464,009; Aug. 7.
Loewe, Siegmund, Berlin, Germany. Radio receiving system. 1,464,533; Aug. 14.
Loewe, Siegmund, Berlin, Germany, assignor to Western Electric Company, Incorporated, New York, N. Y. Thermionic translating device. 1,463,475; July 31.
Loewe, Siegmund, Berlin, Germany, assignor to Western Electric Company, Incorporated, New York, N. Y. Receiving apparatus for high-frequency signaling. 1,464,083; Aug. 7.
Löffler, Raimund J., Dresden, Germany, assignor to W. L. Voight, New York, N. Y. Composition for use in manufacturing artificial fibers, films, leather, and the like and making the same. 1,464,949; Aug. 14.
Lofgren, John, and A. R. Ayers, assignors to Ralco Manufacturing Company, Chicago, Ill. Electric connector. 1,450,002; Mar. 27.
Lofland, Peter C., Milton, Del. Oyster opener. 1,472,179; Oct. 30.
Loft Incorporated. (See Wallace, Harvey R., assignor.)
Lofton, Herbert M., Chattanooga, Tenn. Composite T rail. 1,478,715; Dec. 25.
Loftus, Andrew B., Archibald, Pa. Automatic regulator. 1,470,277; Oct. 9.
Logan, Charles B., assignor to The Footwear Development Company, Palmyra, Pa. Combined assembling and lasting shoes. 1,443,421; Jan. 30.
Logan, Charles B., assignor to The Footwear Development Company, Palmyra, Pa. Combined assembling and lasting machine. 1,443,422; Jan. 30.
Logan, Charles B., assignor to The Footwear Development Company, Palmyra, Pa. Combined assembling and lasting machine. 1,443,423; Jan. 30.
Logan, Harry C., Rockbridge, Ohio. Dirigible headlight mounting. 1,456,184; May 22.
Logan, Howard, Chicago, Ill. Tank. 1,455,796; May 22.
Logan, James M., New Haven, Conn. Damper for sound boxes of phonographs. 1,444,196; Feb. 6.
Logan, Lloyd, Pittsburgh, Pa. Means for controlling a production process. 1,455,795; May 22.
Logan, Lloyd, Arlington, Mass. Means for controlling processes of production. 1,471,342; Oct. 23.
Logan, Malcolm D., Los Angeles, Calif. Tire shoe. 1,463,429; July 31.
Logan, William B., De Quincy, assignor to Acme Products Company, Inc., New Orleans, La. Making turpentine substitute and product therefrom. 1,463,122; July 24.
Logan, William J., Cleveland, Ohio. Means for baking powder to plates to be etched. 1,458,583; June 12.
Logee, E. L., Company. (See Kiessig, Edwin O., assignor.)
Logee, William K. (See Prescott, Jesse H., assignor.)
Loggins, John H., Fordyce, Ark. Air-inlet device. 1,460,550; July 3.
Lo Giudice, Domenick, Brooklyn, assignor to George Tiemann & Company, New York, N. Y. Surgical instrument. 1,453,934; May 1.
Logue, John, Philadelphia, Pa. Workholding and positioning device for rule and border type or slug-cutting machines. 1,452,809; Apr. 24.
Logwood, Charles V., Chicago, Ill., assignor to De Forest Radio Telephone & Telegraph Company, New York, N. Y. Radiocommunication. 1,440,834; Jan. 2.
Lohmann, Hugo, Berlin-Johannisthal, Germany. Process and device for making sharply-defined castings. 1,477,508; Dec. 11.
Lohn, Albert W., jr., et al. (See Lohn, Albert W., jr., assignor.)
Lohn, Albert W., jr., Los Angeles, Calif., assignor to A. W. Lohn, jr., and W. M. Lohn. Auto door sign. 1,473,583; Nov. 6.
Lohn, Winifred M., et al. (See Lohn, Albert W., jr., assignor.)
Lohr, Michael E. (See Barnhart, W. E., and Lohr.)
Lohr, Michael E., Johnstown, Pa. Mine car. 1,450,637; Apr. 3.
Lohrmann, Ernst H., Bristol, R. I., assignor to J. F. Sturdy's Sons Company, Attleboro, Mass. Bracelet buckle member. Des. 62,958; Aug. 28.
Loichot, Paul F., Louisville, Ohio. Electric power mechanism. 1,457,910; June 5.
Loken, Truls, Kenosha, Wis., assignor, by mesne assignments, to F. C. Austin Machinery Company. Trenching machine. 1,472,563; Oct. 30.
Lomax, Clarence E., assignor to Automatic Electric Company, Chicago, Ill. Call-indicating system. 1,476,366; Dec. 4.
Lomax, Lucius W. (See Spikes, Richard B., assignor.)
Lombard, Nathaniel, assignor to The Lombard-White Company, Worcester, Mass. Wringer and motor support for washing machines. 1,462,939; July 24.
Lombard, Walter E., Arlington, Mass. Tool holder. 1,447,620; Mar. 6.
Lombard-White Company, The. (See Lombard, Nathaniel, assignor.)
Lombardi, Domenico, East Boston, Mass. Automatic gem-setting machine. 1,465,446; Aug. 21.
Lombardi, Michael, Louisville, Colo. Ash-pan lifter. 1,455,216; May 15.
Lombardo, Emilio V., Dorchester, Mass. Cigar holder. 1,448,552; Mar. 13.
Lombardo, Nicodemus. (See Martire, V., Defrancisco, Messino, and Lombardo.)
Lommel, Wilhelm. (See Engelhardt, R., Lommel, and Ossenbeck.)
Londeau, John, Cornwall, Ontario, Canada. Furnace. 1,446,193; Feb. 20.
London General Omnibus Company Limited, The. (See Gage, Samuel, assignor.)
London General Omnibus Company Limited. (See Shave, George J., assignor.)
London, Jacob M., Butler, assignor of one-half to G. M. Crawford, Pittsburgh, Pa. Loading machine. 1,445,332; Feb. 13.
London, Jacob M., Tunnelton, Pa., assignor, by mesne assignments, to The Jeffrey Manufacturing Company, Columbus, Ohio. Mining machine. 1,467,864; Sept. 11.
London Lightingwares Corporation. (See Lewis, Emory S., assignor.)
London, Louis B., New York, N. Y. Bowl for lighting fixtures. Des. 62,207; Apr. 10.
London, Samuel, and L. Weber, Newark, N. J. Auto creeper. 1,457,117; May 29.
London, Willis, Franklin, Ky. Fastener for automobile chains. 1,458,069; June 5.
Lonergan, Patrick H., Boulder, Colo. Radiator cores. 1,450,746; Apr. 3.
Long, Albert E., Pittsburgh, Pa. Hod. 1,475,125; Nov. 20.
Long, Charles B., assignor to Champion Blower & Forge Company, Lancaster, Pa. Drill chuck. 1,471,271; Oct. 16.
Long, Charles B., assignor to Champion Blower & Forge Company, Lancaster, Pa. Drilling machine. 1,473,995; Nov. 13.
Long, Charles M., Chicago, Ill. Track level. 1,464,285; Aug. 7.
Long, Charlie, Lincoln, Nebr. Combination cattle and hog watering fountain. 1,470,384; Oct. 9.
Long, Charlie P. (See Long, Willis C. and C. P., and Stephens.)
Long, Claud L., assignor to The Crawford, McGregor and Canby Company, Dayton, Ohio. Cutter-head drive for last lathes. 1,451,665; Apr. 10.
Long, Eugene M., New York, N. Y., assignor of one-half to H. M. Knight, Montclair, N. J. Sectional floating dry dock. 1,474,336; Nov. 13.
Long, Frederick R., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Device for spraying paint and other liquids. 1,442,814; Jan. 23.
Long Furniture Company. (See Weeks, John B., assignor.)
Long, Gertrude E. (See Kelly, R., and Long.)
Long, Harry E., Wellington, New Zealand. Life buoy. 1,445,224; Feb. 13.
Long, Herbert J., assignor to The Kompak Company, New Brunswick, N. J. Emergency fuel-valve-control appliance. 1,467,049; Sept. 4.
Long, John, Victoria, Tex. Valve cap. 1,468,821; Sept. 25.
Long, John, Jefferson City, and A. J. Bass, Columbia, Mo. Farm wagon. 1,478,831; Dec. 25.
Long, John C. F., Lima, Ohio. Steam trap. 1,448,972; Mar. 20.
Long, John E., Edgerton, Ohio. Leveling device. 1,463,515; July 31.
Long, Kenneth L. (See Kreutzer, G. A., and Long.)
Long, Lewis R. (See White, Fred G., assignor.)
Long, Natalie C., executrix. (See Kreutzer, G. A., and Long.)
Long, Peter E., and E. R. Cornwell, Pocatello, Idaho. Clip. 1,449,684; Mar. 27.
Long, Ralph A., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Manufacture of ammonium perchlorates. 1,453,984; May 1.
Long, Ralph L., San Diego, Calif. Nail set and holder. 1,465,139; Aug. 14.
Long, Sidney J. T., Auckland, New Zealand. Water heater. 1,448,850; Mar. 20.
Long, Solon G. (See Friedsam, E. D., and Long.)
Long, Uly C., South Whitley, Ind. Yoke. 1,444,692; Feb. 6.
Long, Walter M., and L. S. Lemere, Seattle, Wash. Automobile name plate. Des. 62,576; June 26.
Long, William H., New York, N. Y. Printing press. 1,451,045; Apr. 10.
Long, William N., Springfield, Oreg. Internal-combustion engine. 1,450,810; Apr. 3.
Long, Willis C. and C. P., and J. M. Stephens, Hastings, Okla. Insect exterminator. 1,458,070; June 5.

Alphabetical list of patentees—Continued.

Longacre, Harry, Brooklyn, N. Y. Tobacco pipe. 1,463,398; July 31.
Longbottom, Charles A., Worksop, and F. L. Duffield, Brassington, England. Manufacture of refractory products from dolomite. 1,463,399; July 31.
Longbrake, George W., et al. (See De Loe, Edward G., assignor.)
Longbrake, Orville L., et al. (See De Loe, Edward G., assignor.)
Longdin-Brugger Company. (See Boggess, James H., assignor.)
Longenbaugh, Charles A., Columbus, Ohio. Shield for motor vehicles. 1,453,685; May 1.
Longfellow, Ellis E., deceased, El Reno, Okla.; M. R. Longfellow, executrix. Lock. 1,461,279; July 10.
Longfellow, Margaret R., executrix. (See Longfellow, Ellis E.)
Longfellow, Martin W., Baltimore, Md., assignor to The Baltimore Gas Appliance & Manufacturing Company. Attachment for gas ranges. 1,478,749; Dec. 25.
Longino, Hugh E., Magnolia, Ark. Tonsillotome. 1,468,599; Sept. 18.
Longman, Cecil H., assignor to The Security Metal Products Company, Cincinnati, Ohio. Sealing top for fruit jars. 1,472,398; Oct. 30.
Longnaker, Milton S., Pleasant Hill, Ohio, assignor, by mesne assignments, to J. W. Page, Chicago, Ill. Excavating machine. Re15,571; Apr. 3.
Longnecker, Clyde G., Chicago, Ill. Bumper. 1,474,974; Nov. 20.
Longo, Joseph, assignor of one-half to P. Luongo, Cannonsburg, Pa. Plate-holding frame for bosh. 1,469,323; Oct. 2.
Longren, Albin K., Topeka, Kans. Forming curved bodies from fiber sheets. 1,471,906; Oct. 23.
Longshore, Herman A., assignor to N. G. Warth, Columbus, Ohio. Inner tube. 1,446,915; Feb. 27.
Longworth, John W., Grand Rapids, assignor to A. E. Johnson, Hastings, Mich. Burglar alarm. 1,460,818; July 3.
Longyear, E. H., Company. (See Anderson, Olaf B., assignor.)
Longyear, John M., jr. (See Genett, Louis J., assignor.)
Lonn, Charles E., Viola, Ill. Rim for wheels. 1,477,572; Dec. 18.
Lonsdale, Clair H., Fort Sam Houston, Tex. Collar button. 1,467,050; Sept. 4.
Lonsinger, Charles L., Walhonding, Ohio. Pontoon-supported derrick. 1,470,459; Oct. 9.
Lontz, Harry R., Richmond, Ind. Resilient bearing sleeve. 1,451,428; Apr. 10.
Lontz, Harry R., Richmond, Ind. Making resilient bearing sleeves. 1,451,429; Apr. 10.
Lonuzzo, Tommaso, Bristol, Conn. Aeroplane. 1,478,284; Dec. 18.
Loock, Robert J., Baltimore, Md. Antirattler for lever controls. 1,477,138; Dec. 11.
Loofbourow, J. T., et al. (See Dibble, C. W., and Phillips, assignors.)
Loofs, William J., and C. C. Cox, Houston, Tex. Sample-taking device. 1,457,583; June 5.
Look, Fannie B., et al., trustees. (See Melcher, George S., assignor.)
Look, Louis, Chicago, Ill. Tractor or truck wheel. 1,453,686; May 1.
Looke, Frank L., Brusett, Mont. Radiator-pipe pliers. 1,442,486; Jan. 16.
Loomis, Allen, assignor to The Willys-Overland Company, Toledo, Ohio. Spring suspension and brake-operating mechanism. 1,442,957; Jan. 23.
Loomis, Crawford C. (See Pedersen, J. D., and Loomis.)
Loomis, Crawford C., Ilion, N. Y. Method of and means for forming gun barrels. 1,461,129; July 10.
Loomis, Ernest. (See Brown, Julius A., assignor.)
Loomis, Evarts G. (See Crane, J. E., and Loomis.)
Loomis, Evarts G., Newark, N. J. Working metal. 1,466,953; Sept. 4.
Loomis, Evarts G., assignor to St. Mungo Manufacturing Company of America, Newark, N. J. Ball-winding machine. 1,452,469; Apr. 17.
Loomis, Evarts G., Newark, N. J., assignor to Brett Manufacturing Company, Inc., New York, N. Y. Machine for making hair wavers. 1,459,782; June 26.
Loomis, Evarts G., Newark, N. J., assignor to Viscoloid Company, Leominster, Mass. Comb-cutting machine. 1,473,111; Nov. 6.
Loomis, Evarts G., and L. Terhune, Arlington, N. J., assignors, by mesne assignments, to E. I. du Pont de Nemours and Company. Machine for making brushes. 1,448,489; Mar. 13.
Loomis, Harry T., Brooklyn, N. Y. Fabric-making machine. 1,468,483; Sept. 18.
Loomis, Nathaniel E. (See Clark, E. M., Loomis, and Carringer.)
Loomis, Rockwell A., Guatemala, Guatemala. Sharpening implement. 1,463,653; July 31.
Looney, Orin J., Bryn Mawr, Pa. Lock. 1,478,343; Dec. 18.
Loop, Charles H., Arkansas City, Kans., assignor, by mesne assignments, to Loop Steel Manufacturing Co. Receptacle ventilator. 1,448,307; Mar. 13.
Loop, Christopher C. (See Pinell, L., and Loop.)
Loop, John D., Long Beach, Calif. Whale-harpooning apparatus. 1,472,223; Oct. 30.
Loop Steel Manufacturing Co. (See Loop, Charles H., assignor.)
Loose Wiles Biscuit Company. (See Macdonald, George C., assignor.)
Lopez, David C., Detroit, Mich. Combination square. 1,460,103; June 26.
López, Jesús M., San Antonio, Tex. Distributor. 1,444,843; Feb. 13.
López, Jesús M., San Antonio, Tex. Roller distributor. 1,459,109; June 19.
Lorain Steel Company, The. (See Kleinschmidt, Henry F. A., assignor.)
Loranger, William E., Los Alamitos, Calif. Glare shield. 1,454,390; May 8.
Lorch, Henry, assignor to J. F. Helmhold & Bros., Chicago, Ill. Hand press. 1,478,443; Dec. 25.
Lord Baltimore Press, Inc., The. (See Wallace, Donald M., assignor.)
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 61,831; Jan. 23.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 61,832; Jan. 23.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 61,833; Jan. 23.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 61,834; Jan. 23.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 61,875; Feb. 6.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 62,061; Mar. 13.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 62,149; Mar. 27.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 62,554; June 19.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 62,827; Aug. 7.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 62,828; Aug. 7.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 62,829; Aug. 7.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 62,830; Aug. 7.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 62,831; Aug. 7.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 62,832; Aug. 7.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 62,833; Aug. 7.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 62,834; Aug. 7.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 62,835; Aug. 7.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 62,836; Aug. 7.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 62,837; Aug. 7.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 63,405; Dec. 4.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 63,406; Dec. 4.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 63,407; Dec. 4.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 63,408; Dec. 4.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 63,409; Dec. 4.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 63,410; Dec. 4.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 63,411; Dec. 4.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 63,412; Dec. 4.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 63,413; Dec. 4.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 63,414; Dec. 4.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 63,415; Dec. 4.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 63,416; Dec. 4.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 63,417; Dec. 4.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des 63,418; Dec. 4.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des 63,419; Dec. 4.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 63,420; Dec. 4.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 63,421; Dec. 4.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 63,422; Dec. 4.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 63,423; Dec. 4.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 63,424; Dec. 4.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 63,425; Dec. 4.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 63,426; Dec. 4.

Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 63,427; Dec. 4.
Lord, Charles E., Tarrytown, N. Y. Textile fabric. Des. 63,428; Dec. 4.
Lord, Hugh C., Erie, Pa. Spring. 1,443,545; Jan. 30.
Lord, Hugh C., Erie, Pa. Oscillating joint. 1,452,693; Apr. 24.
Lord, Hugh C., Erie, Pa. Knuckle joint. 1,456,068; May 22.
Lord, Lawrence S., Lakewood, Ohio. Faucet. 1,458,718; June 12.
Lord, Percy V., Bexley, England. Adjustable square. 1,467,550; Sept. 11.
Lords, Thaddeus J., and G. P. Lennartz, assignors to Sears, Roebuck and Co., Chicago, Ill. Roofing machine. 1,471,043; Oct. 16.
Lords, Thaddeus J., and G. P. Lennartz, assignors to Sears, Roebuck and Co., Chicago, Ill. Roofing machine. 1,471,493; Oct. 23.
Loree, James T. (See McGrew, J. A., and Loree.)
Lorens, Frank G., Center City, Minn. Folding camping body for automobile trucks and other vehicles. 1,443,792; Jan. 30.
Lorenson, Carl, Davenport, assignor to Lorenson Harvester Company, La Claire, Iowa. Mower. 1,470,989; Oct. 16.
Lorenson, Harry G., Newman, Calif. Timer. 1,472,180; Oct. 30.
Lorenson Harvester Company. (See Lorenson, Carl, assignor.)
Lorentz, Henry E., Washington, D. C. Keylocking device. 1,453,630; May 1.
Lorentz, Herman G., assignor to The J. & E. Stevens Company, Cromwell, Conn. Jar-cap remover. 1,442,894; Jan. 23.
Lorentzen, Edward C., Scranton, Iowa. Egg-crate filler. 1,442,280; Jan. 16.
Lorentzen, Hans K. (See König, Adolf, assignor.)
Lorentzen, Hans K., New York, N. Y. Machining saw teeth and the like. 1,466,237; Aug. 28.
Lorenz, Byron B., Cape Girardeau, Mo. Vehicle wheel. 1,454,122; May 8.
Lorenz, Charles, and E. Kunish, Manitowoc, Wis. Automatic pin-spotting mechanism. 1,449,012; Mar. 20.
Lorenz, Edward H., West Hartford, Conn., assignor to Hartford-Fairmont Company, Canajoharie, N. Y. Apparatus for operating on molten glass. 1,466,367; Aug. 28.
Lorenz, Frances S., Augusta, Ga. Correspondence kit for travelers. 1,445,333; Feb. 13.
Lorenz, Samuel E., assignor to Electric Welding Machine Company, Detroit, Mich. Angle drill. 1,471,343; Oct. 23.
Lorenz & Weide. (See Weide, Hans, assignor.)
Lorenz, Wilhelm, Farmington, Mo. Vehicle towing frame. 1,478,041; Dec. 18.
Lorenz, William A., Hartford, Conn., assignor to Hartford-Fairmont Company, Canajoharie, N. Y. Process of and apparatus for feeding molten glass. Re15,600; May 15.
Lorenz, William A., assignor to The Otaka Fabric Company, Hartford, Conn. Wall paper. 1,461,397; July 10.
Lorenz, William A., and P. R. Hoopes, assignors to J. R. Rabbett, Hartford, Conn. Space-band cleaner. 1,478,442; Dec. 25.
Lorenzen, Frederick, Chicago, Ill. Combination table and phonograph. 1,441,439; Jan. 9.
Loret-Fleurance, Louis, Angers, France. Safety-razor guard. 1,474,678; Nov. 20.
Lorge, John B., Detroit, Mich. Grain thrasher. 1,446,311; Feb. 20.
Lorig, Emanuel V., and U. G. Graham, Omaha, Nebr. Protective apparatus for safes and safety vaults. 1,451,581; Apr. 10.
Lorillard, P., Company, The. (See Enright, Edward T., assignor.)
Lorillard, P., Company. (See Ritchie, O. N., and Boykin, assignors.)
Lorillard, P., Company. (See White, Frank M., assignor.)
Lorimer, John W. (See Warenskjold, A., and Lorimer.)
Lorimer, John W., San Francisco, Calif. Control lever. 1,471,272; Oct. 16.
Lorimer, John W., assignor to Atlas Imperial Engine Company, Oakland, Calif. Fluid-pressure regulator. 1,472,985; Nov. 6.
Lorraine, David G., Los Angeles, and W. L. Borough, Fullerton, Calif. Adjustable-flow nipple. 1,470,460; Oct. 9.
Los Angeles Book Machine Company. (See Frey, Elmer E., assignor.)
Los Angeles Railway Corporation. (See Smith, Robert R., assignor.)
Lösel, Franz, Brunn, Czechoslovakia. Turbocompressor. 1,465,401; Aug. 21.
Lösel, Franz, Brunn, Czechoslovakia. Means for fastening the blades of steam and gas turbines. 1,476,626; Dec. 4.
Loss, Oskar, assignor to David Grove Aktien-Gesellschaft, Berlin-Charlottenberg, Germany. Separating apparatus for steam, compressed air, and gases of all kinds. 1,442,689; Jan. 16.
Lossing, Dawson R., assignor of one-half to H. Miller, South Pasadena, Calif. Oyster dredge. 1,467,277; Sept. 4.
Lother, Paul H., and J. L. Griswold, Columbus, Kans.; said Griswold assignor of one-half of his right to said Lother. Acetylene-gas generator. 1,478,285; Dec. 18.
Lothrop, Marcus T., assignor to The Timken Roller Bearing Company, Canton, Ohio. Apparatus for sizing and quenching cups and cones. 1,444,258; Feb. 6.
Lothrop, Marcus T., assignor to The Timken Roller Bearing Company, Canton, Ohio. Sizing and quenching. 1,444,259; Feb. 6.
Lothrop, Marcus T., assignor to The Timken Roller Bearing Company, Canton, Ohio. Manufacture of roller-bearing cups and the like. 1,472,922; Nov. 6.
Lott, Clyde R., Washington, D. C., assignor to The Owens Bottle Company, Toledo, Ohio. Means for delivering charges of glass. 1,442,281; Jan. 16.
Lott, Clyde R., Washington, D. C., assignor, by mesne assignments, to The Owens Bottle Company. Apparatus for producing charges of molten glass. 1,458,834; June 12.
Lott, Frank. (See Hanson, Hans A., assignor.)
Lott, William O., Columbus, Ohio. Brake shoe. 1,471,273; Oct. 16.
Lotz, Adolph, jr. (See Ryburg, Emmett P., assignor.)
Lotz, Walter P., New Brunswick, N. J., assignor to International Motor Company, New York, N. Y. Spur-gear-testing fixture. 1,445,631; Feb. 20.
Lotz, William A., Newark, N. J., assignor to The R. Neumann Hardware Co. Bag-frame fastener. 1,452,839; Apr. 24.
Louden, Edgar W., assignor of one-half to J. G. Heichel, Lebanon, Pa. Pocket scribers and compasses. 1,472,181; Oct. 30.
Louden Machinery Company, The. (See Mattson, I., and Louden, assignors.)
Louden Machinery Company, The. (See Neller, Albert H., assignor.)
Louden, Robert B. (See Mattson, I., and Louden.)
Loudenslager, Edgar L., Toledo, Ohio. Tile manufacture. 1,451,229; Apr. 10.
Loudenslager, William B. (See Smith, Samuel H., assignor.)
Louder, W. T. (See Gray, D. Webb, assignor.)
Loudin, Henri, Quebec, Quebec, Canada. Insect-repellent composition. 1,471,344; Oct. 23.
Loudon, Warren P., assignor to U. S. Light & Heat Corporation, Niagara Falls, N. Y. Storage-battery construction. 1,449,825; Mar. 27.
Loudon, Warren P., Niagara Falls, N. Y., assignor to Vapor Car Heating Co., Inc., Chicago, Ill. Valve-operating mechanism. 1,473,634; Nov. 13.
Loudon, Warren P., Springfield, Mass., assignor to U. S. Light & Heat Corporation, Niagara Falls, N. Y. Relief mechanism for storage batteries. 1,447,797; Mar. 6.
Loudon, Warren P., Edgewood Park, Pa., assignor to Westinghouse Electric and Manufacturing Company. Starting system for automobiles. 1,451,550; Apr. 10.
Loudy, Flavius E., Philadelphia, Pa. Shock-absorbing wheel. 1,474,420; Nov. 20.
Loufek, Joseph, assignor to Iowa Can Company, Keokuk, Iowa. Paper carton. 1,459,110; June 19.
Loufek, Joseph, assignor to Iowa Can Company, Keokuk, Iowa. Mailing tube. 1,459,783; June 26.
Loufek, Joseph, assignor to Iowa Can Company, Keokuk, Iowa. Powder-dispensing box. 1,459,784; June 26.
Lough, Hector V., Hartford, Conn., assignor to The Hartford Rubber Works Company. Tire-building machine. 1,443,369; Jan. 30.
Lough, Hector V., Hartford, Conn., assignor to The Hartford Rubber Works Company. Contour caliper. 1,465,646; Aug. 21.
Loughead, Malcolm, Detroit, Mich., assignor to Four Wheel Hydraulic Brake Company, Los Angeles, Calif. Nonexpansive hose and making same. 1,457,781; June 5.
Loughead, Malcolm, Detroit, Mich., assignor to Four Wheel Hydraulic Brake Company, Los Angeles, Calif. Braking apparatus. 1,460,163; June 26.
Loughead, Malcolm, Detroit, Mich., assignor to Four Wheel Hydraulic Brake Company, Los Angeles, Calif. Hydraulic brake. 1,460,164; June 26.
Loughead, Malcolm, Detroit, Mich., assignor to Four Wheel Hydraulic Brake Company, Los Angeles, Calif. Assembling hose and fitting. 1,461,130; July 10.
Loughead, Malcolm, Detroit, Mich., assignor, by mesne assignments, to Hydraulic Brake Company, Los Angeles, Calif. Braking apparatus. 1,468,600; Sept. 18.
Loughead, Malcolm, Detroit, Mich., assignor, by mesne assignments, to Hydraulic Brake Company, Los Angeles, Calif. Hose fitting. 1,468,601; Sept. 18.
Loughead, Malcolm, Detroit, Mich., assignor, by mesne assignments, to Hydraulic Brake Company, Los Angeles, Calif. Brake-operating mechanism. 1,468,602; Sept. 18.
Loughead, Malcolm, Detroit, Mich., assignor, by mesne assignments, to Hydraulic Brake Company, Los Angeles, Calif. Pneumatically-assisted pressure-producing mechanism. 1,472,801; Nov. 6.
Lougheed, Victor, assignor to Enterprise Foundry Company, San Francisco, Calif. Mold mixture. 1,457,375; June 5.

Lougheed, Victor, assignor to A. J. Cleary, San Francisco, Calif. Wing for flying machines. 1,470,017; Oct. 9.
Loundagin, Lawson, A., Crane, Oreg. Holder for magneto contacts. 1,470,993; Oct. 16.
Love, Alonzo R., Portsmouth, Va. Window-shade guard or guide. 1,445,697; Feb. 20.
Love, Benson, and C. Gaylor, Woolrich, Pa. Check valve. 1,470,018; Oct. 9.
Love, Ernest, Prince Rupert, British Columbia, Canada. Telephone transposition switching box. 1,449,904; Mar. 27.
Love, Eulalia J. (See Cunningham, Thomas, assignor.)
Love, Samuel D., Rahway, N. J., assignor to Allen Pressure System Co. Inc., New York, N. Y. Liquid-dispensing system. 1,454,971; May 15.
Lovegrove, Thomas G., Philadelphia, Pa. Match box. 1,459,785; June 26.
Lovejoy, Alfred A., South Bend, Ind. Wrist-pin lock. 1,475,346; Nov. 27.
Lovejoy, Andrew W., Kansas City, Mo. Tool-box attachment for motor cars. 1,459,337; June 19.
Lovejoy, Frank W., assignor to Eastman Kodak Company, Rochester, N. Y. Dental X-ray package. 1,441,160; Jan. 2.
Lovejoy, Frank W., assignor to Eastman Kodak Company, Rochester, N. Y. Making composite films. 1,469,815; Oct. 9.
Lovejoy, Fredrick B. (See Rittmeyer, L. C., and Lovejoy.)
Lovejoy, Louis B., assignor to The Warner Brothers Company, Inc., Bridgeport, Conn. Garment supporter. 1,478,716; Dec. 25.
Lovejoy, Orson A. (See Ovenshire, Elijah A., assignor.)
Lovejoy, Ralph M., Meredith, N. H. Spring construction for vehicles. 1,443,139; Jan. 23.
Lovejoy, Ralph M., Meredith, N. H. Shock absorber. 1,450,601; Apr. 3.
Lovejoy, Ralph M., Meredith, N. H. Internal-combustion engine. 1,460,722; July 3.
Lovejoy, Ralph M., Meredith, N. H. Shock absorber. 1,460,723; July 3.
Lovejoy, Ralph M., Meredith, N. H. Shock-absorber connection. 1,460,856; July 3.
Lovejoy, Ralph M., Meredith, N. H. Spring shackle for vehicles. 1,467,051; Sept. 4.
Lovejoy, Ralph M., Meredith, N. H. Frame for vehicles. 1,469,310; Oct. 2.
Lovejoy, Ralph M., Meredith, N. H. Frame for automobiles. 1,471,044; Oct. 16.
Lovejoy, Ralph M., Meredith, N. H. Spring construction for vehicles 1,472,482; Oct. 30.
Lovejoy, Ralph M., Meredith, N. H., assignor to Lewis-Shepard Company, Boston, Mass. Elevating truck. 1,445,838; Feb. 20.
Lovejoy, Ralph M., Meredith, N. H., assignor to Lewis-Shepard Company, South Boston, Mass. Elevating truck. 1,458,534; June 12.
Loveland, Clyde B., Buffalo, N. Y. Key fastener. 1,452,646; Apr. 24.
Loveland, Emmett O., Kansas City, Mo. Tool-box attachment for motor vehicles. 1,453,362; May 1.
Loveless, Albert, Aberdeen, Wash. Valve grinder. 1,464,043; Aug. 7.
Loveless, Fred H., Chicago, Ill., assignor of one-half to L. M. Fudge, Hammond, Ind. Sign. 1,457,255; May 29.
Loveless, John M., Petersburg, and A. Levi, Princeton, Ind. Water motor. 1,449,426; Mar. 27.
Lovell, Frederick W., assignor to The McMyler Interstate Company, Cleveland, Ohio. Boat-loading apparatus. 1,440,396; Jan. 2.
Lovell, Frederick W., assignor to The McMyler Interstate Company, Cleveland, Ohio. Grab bucket. 1,464,718; Aug. 14.
Lovell Manufacturing Company. (See Kratz, August W., jr., assignor.)
Loveman, William R., assignor to The Bridgeport Metal Goods Manufacturing Company, Bridgeport, Conn. Electric battery. 1,462,795; July 24.
Loven, Carl, Portland, Oreg. Stocking. 1,452,302; Apr. 17.
Lover, Edward, assignor to Lover Top & Converter Co., Inc., Buffalo, N. Y. Convertible inclosure for vehicles. 1,470,689; Oct. 16.
Lover, Edward, assignor to Lover Top and Converter Co. Inc., Buffalo, N. Y. Convertible inclosure for vehicles. 1,470,690; Oct. 16.
Lover Top & Converter Co. (See Lover, Edward, assignor.)
Lover Top and Converter Company, Inc. (See Johnston, George H., assignor.)
Lover, William E., Findlay, Ohio. Novelty envelope. 1,462,513; July 24.
Lovering, Clarence L., Cleveland, Ohio. Swinging headlights for automobiles. 1,476,452; Dec. 4.
Lovering, Edward G. (See Shepherd, A. E., and Lovering.)
Lovett, Howard W., assignor of forty-nine one-hundredths to S. A. Cowart, Midlothian, Tex. Liquid-fuel burner. 1,441,008; Jan. 2.
Lovett, John T., jr., Little Silver, N. J. Plant-ball shipping case. 1,464,534; Aug. 14.
Lovett, Michael V., Castanea, Pa. Entrance for hives. 1,462,711; July 24.
Lovett, Stephen H., Miles City, Mont. Car door. 1,467,248; Sept. 4.
Lovett, William H., and A. E. Dobbs, Walton-on-the-Naze, England. Boiler feed-water regulator. 1,449,905; Mar. 27.
Lovett, William H., and A. E. Dobbs, Walton-on-the-Naze, England. Feed-water regulator. 1,449,906; Mar. 27.
Lovig, Edward. (See Mowry, L. N., and Lovig.)
Low, Archibald M., London, England. Spring wheel. 1,443,693; Jan. 30.
Low, Archibald M., assignor to The Low Engineering Company Limited, London, England. Mixing apparatus. 1,475,638; Nov. 27.
Low Engineering Company, Limited, The. (See Low, Archibald M., assignor.)
Low, Eugene P., Oneida Castle, N. Y. Attachment for headlights. 1,451,582; Apr. 10.
Low, Frank S., Niagara Falls, N. Y., assignor to Weaver Company, Madison, Wis. Producing halogen acids. 1,451,399; Apr. 10.
Low, Julius C., Kansas City, Mo. Fishing float. 1,468,720; Sept. 25.
Lowden, James G., Houston, Tex. Safety water gauge. 1,468,117; Sept. 18.
Lowder, Lillian C., Indianapolis, Ind. Toy. Des. 63,652; Dec. 25.
Lowe, Clyde E., Cleveland, Ohio. Mandrel for tire tube. 1,478,480; Dec. 25.
Lowe, Edward L., Palo Alto, Calif. Burner for internal-combustion engines. 1,450,691; Apr. 3.
Lowe, Edward L., Palo Alto, Calif. Burner for internal-combustion engines. 1,454,972; May 15.
Lowe, Edward L., Palo Alto, Calif. Burning fuel oil in internal-combustion engines. 1,462,514; July 24.
Lowe, Edward L., San Francisco, assignor of one-half to H. E. Wetzel, Oakland, Calif. Internal-combustion engines. 1,443,187; Jan. 23.
Lowe, George M., Bowen, Colo. Safety station for subterraneous passageways. 1,456,808; May 29.
Lowe, Henry A., Cleveland, Ohio. Test indicator. 1,466,664; Sept. 4.
Lowe, James H., Baseed, Boro' Green, England. Dandy roll. 1,462,369; July 17.
Lowe, John M., Butler, Ind. Windmill regulator. 1,461,489; July 10.
Lowe, Silas C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Marking attachment for strip-forming apparatus. 1,454,058; May 8.
Lowe, Willard D., Columbus, Ohio. Tool holder. 1,442,079; Jan. 16.
Lowe, Willard D., Columbus, Ohio. Scribing calipers. 1,445,520; Feb. 13.
Lowe, William A. J., assignor to Universal Manufacturing Company, Johnson City, Tenn. Display stand. 1,466,536; Aug. 28.
Lowell Company, The. (See Bonanno, Lucille B., assignor.)
Lowell, Percival D., and F. W. Dunmore, Washington, D. C. Radio receiving apparatus. 1,455,141; May 15.
Lowenstein, Fritz, deceased; J. C. Wait, administrator, assignor to W. Dubilier, New York, N. Y. Wireless communication. 1,470,088; Oct. 9.
Lowenstein, Fritz, deceased, Brooklyn; J. C. Wait, administrator, assignor to W. Dubilier, New York, N. Y. Multifrequency generator. 1,477,271; Dec. 11.
Löwenstein, Karl Prinz zu, Berlin, Germany. Apparatus for the semicooking of coal, slate, or other bituminous substances. 1,460,024; June 26.
Lowenstein, Louis, assignor of one-half to H. W. Hart, Detroit, Mich. Windshield cleaner. 1,441,009; Jan. 2.
Lowenstein, M., & Sons, Inc. (See Reimann, Paul, assignor.)
Lowenstein, M., & Sons, Inc. (See Sonntag, Eugene, jr., assignor.)
Lower, Nathan M. (See Osborne, L. E., and Lower.)
Lower, Nathan M., Pittsburgh, Pa., assignor to Locomotive Stoker Company. Locomotive stoker. 1,455,058; May 15.
Löwinger, Karl, Moravska Ostrava, Czechoslovakia. Valve. 1,463,169; July 31.
Lowman, Roy L., Buckhannon, W. Va., assignor of one-half to H. C. Dodge. Detonating fuse. 1,463,747; July 31.
Lowndes, George S., jr., assignor of one-half to T. T. Flagler, Atlanta, Ga. Timepiece holder. 1,462,915; July 24.
Lowney, Walter M., Company. (See Emerson, Truell F., assignor.)
Lowrey, John R., San Pedro, Calif. Hose clamp. 1,477,573; Dec. 18.
Lowrey, John R., assignor of one-half to J. A. S. Rogers, San Pedro, Calif. Hose-clamping tool. 1,453,940; May 1.
Lowrie, Robert H. (See Johnson, M. O., and Lowrie.)
Lowry, Aden W., Longton, Kans. Lock nut. 1,477,509; Dec. 11.
Lowry, Alexander, and A. M. Howald, Pittsburgh, Pa. Production of naphthyl amines. 1,449,423; Mar. 27.

Lowry, Edmund J., assignor to Oliver Chilled Plow Works, South Bend, Ind. Plowshare. 1,447,218; Mar. 6.
Lowry, Edmund J., assignor to Oliver Chilled Plow Works, South Bend, Ind. Molding. 1,466,309; Aug. 28.
Lowry, George A., Indianapolis, Ind., and T. K. Lowry, Chicago, Ill. Automobile exhaust lock. 1,456,640; May 29.
Lowry, Thomas K. (See Lowry, George A. and T. K.)
Lowry, William, assignor of one-third to P. Landemare, Newark, N. J., and one-third to R. S. Blair, Stamford, Conn. Cutting tool. 1,476,019; Dec. 4.
Lowy, Arthur. (See Ludlum, A. C., and Lowy.)
Lowy, Morris, New York, N. Y. Corner fastening for bedsteads. 1,444,078; Feb. 6.
Lox Seal Corporation. (See Behrman, Marcus B., assignor.)
Loxon Piston and Ring Company. (See Faessel, Michael, assignor.)
Loxterman, Howard B., Pittsburgh, Pa., assignor to Blaw-Knox Company. Road rail or form. 1,473,730; Nov. 13.
Loy, Thomas H., Bellaire, Ohio. Controlling mechanism for sound-reproducing machines. 1,455,631; May 15.
Loy, Thomas H., Bellaire, Ohio. Record-beginning guide for sound-reproducing machines. 1,474,786; Nov. 20.
Loyd, Joseph D., Hosston, La. Rotary table for well boring. 1,455,142; May 15.
Loyd Manufacturing Co. (See Loyd, Zelmere P., assignor.)
Loyd Mfg. Co. (See Loyd, Z. P., and Larsson, assignors.)
Loyd, Zelmere P., Coalinga, assignor to Loyd Manufacturing Co., Oakland, Calif. Shock absorber. 1,454,391; May 8.
Loyd, Zelmere P., Coalinga, assignor to Loyd Manufacturing Co., Oakland, Calif. Shock absorber. 1,454,392; May 8.
Loyd, Zelmere P., and H. W. Larsson, assignors to Loyd Mfg. Co., Oakland, Calif. Shock absorber. 1,454,393; May 8.
Loyd, Zelmere P., and H. W. Larsson, assignors to Loyd Mfg. Co., Oakland, Calif. Adjustable attaching bracket. 1,454,394; May 8.
Loynes, Owen H. (See Demarest, C. S., and Loynes.)
Lozowsky, Julius J., Brooklyn, N. Y. Toy. 1,475,588; Nov. 27.
Luallen, Calvin L., assignor of two-thirds to H. M. Madden, Coal Creek, Tenn. Horseshoe. 1,455,632; May 15.
Lubac, Alfred, Paris, France. Printing-type-composing apparatus. 1,450,960; Apr. 10.
Lubash, Martin, Richmond Hill, assignor of one-half to J. Fitzsimmons, Baldwin, Long Island, N. Y. Pulley. 1,453,400; May 1.
Lubbock, Oswald J., Alameda, Calif. Sprinkler head. 1,465,477; Aug. 21.
Lübeck, Hilding, Herserud, Sweden. Tire for automobiles and other vehicles. 1,443,080; Jan. 23.
Lübeck, Hilding, Herserud, Sweden. Regenerative braking system for electrically-driven vehicles. 1,469,264; Oct. 2.
Lubenow, John. (See Juderjahn, Frank W., assignor.)
Lubker, Harold E., Grand Junction, Colo. Fish-tape puller. 1,461,361; July 10.
Lubow, Mitchell J., New York, N. Y. Electric-fixture canopy. 1,471,494; Oct. 23.
Luby, William A., Kansas City, Mo. Lamp. 1,478,236; Dec. 18.
Lucas, Anthony F. G., Washington, D. C., and J. F. Alexander, Philadelphia, Pa. Bottle cap. 1,477,139; Dec. 11.
Lucas, Francis F., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone plug shelf. 1,448,553; Mar. 13.
Lucas, Francis F., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Manufacturing insulating material. 1,470,990; Oct. 16.
Lucas, George P., Jersey City, N. J. Hammer. 1,456,987; May 29.
Lucas, Irving V., Muskogee, Okla. Vehicle jack. 1,450,504; Apr. 3.
Lucas, Millard A., Knoxville, Tenn. Workman's time calculator. 1,444,619; Feb. 6.
Lucas, Owen D., assignor to M. L. Experimental Limited, Westminster, London, England. Shell fuse. 1,456,641; May 29.
Lucas, Owen D., Bayswater, London, and F. G. L. Johnson, assignors to Vickers Limited, Westminster, London, England. Production and utilization of smoke-producing compositions. 1,448,073; Mar. 13.
Lucas, Paul, Berlin-Friedenau, Germany. Vapor lamp, especially hydrocarbon incandescence lamp. 1,478,717; Dec. 25.
Lucas, Stephen J., Chicago, Ill. Level attachment for carpenters' squares. 1,450,296; Apr. 3.
Lucas, Stockwell S., Poughkeepsie, N. Y. Time table. 1,465,016; Aug. 14.
Lucas, Stockwell S., Poughkeepsie, N. Y. Time table. 1,465,017; Aug. 14.
Lucas, Walter A., Hawthorne, N. J., assignor, by mesne assignments, to The T. H. Symington Company, New York, N. Y. Truck side frame. 1,474,272; Nov. 13.
Lucas, William B., Oak Park, Ill. Combination pneumatic jack and tire inflater. 1,457,665; June 5.
Luce Cane Harvester Corporation. (See Luce, George D., assignor.)
Luce Cane Harvester Corporation. (See Luce, G. D., and Wilkes, assignors.)
Luce, Charles J., Niantic, Conn., assignor of one-half to E. T. Littell, Bayhead, N. J. Cotton-bale-compressing device. 1,458,584; June 12.
Luce, George D., New Orleans, La., assignor to Luce Cane Harvester Corporation, New York, N. Y. Cane stripper. Re15,616; May 29.
Luce, George D., and F. C. D. Wilkes, Watertown, Wis., assignors to Luce Cane Harvester Corporation, New York, N. Y. Bottom-cutting and trash-impelling means. 1,442,032; Jan. 9.
Luce, Grafton E., Chicago, assignor, by mesne assignments, to C. A. Brown, Hinsdale, Ill. Method of and means for burning bricks. 1,453,850; May 1.
Luce, Grafton E., assignor to American Equipment Company, Chicago, Ill. Brick-pallet-handling apparatus. 1,473,305; Nov. 6.
Luce, Thomas C., Stratford, Conn. Shock absorber. 1,448,224; Mar. 13.
Luce, Thomas C., Stratford, Conn. Chain-welding machine. 1,456,026; May 22.
Lucey Manufacturing Corporation. (See Harris, Hu M., assignor.)
Lucey Manufacturing Corporation. (See Harris, H. M., and Zilen, assignors.)
Lucey Manufacturing Corporation of Tennessee. (See Fair, Ralph E., assignor.)
Lucey, William S., assignor to Hammermill Paper Company, Erie, Pa. Manufacturing watermarked paper. 1,455,752; May 15.
Lucier, Oliva A., Baltic, Conn. Locking mechanism for motor vehicles. 1,442,487; Jan. 16.
Lucier, Theopheiles D., Detroit, Mich. Making molds. 1,467,112; Sept. 4.
Lucius, Christian V., Massillon, Ohio. Tank vehicle. 1,472,078; Oct. 30.
Luck, Albert. (See Scheller, Edward, assignor.)
Lucke, Charles E., New York, N. Y., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Door check and closer. 1,471,744; Oct. 23.
Luckel, Frederick W., St. Louis, Mo. Visor for vehicles. 1,448,632; Mar. 13.
Luckenbach, George H., Angleton, Tex. Ignition protector. 1,473,239; Nov. 6.
Luckenbach Processes, Inc. (See Luckenbach, Royer, assignor.)
Luckenbach, Royer, Brooklyn, N. Y., assignor to Luckenbach Processes Co. (Inc.), San Francisco, Calif. Adhesive coating for ore-receiving surfaces. 1,448,927; Mar. 20.
Luckenbach, Royer, Brooklyn, N. Y., assignor to Luckenbach Processes, Inc., San Francisco, Calif. Concentrating ores. 1,448,928; Mar. 20.
Luckenbach, Royer, Brooklyn, N. Y., assignor to Luckenbach Processes, Inc., San Francisco, Calif. Concentration of ores by flotation. 1,448,929; Mar. 20.
Luckenbach, Royer, Brooklyn, N. Y., assignor to Luckenbach Processes, Inc., San Francisco, Calif. Composition of matter. 1,457,708; June 5.
Luckenbach, Royer, Brooklyn, N. Y., assignor to Luckenbach Processes, Inc., San Francisco, Calif. Ore-concentrating process. 1,473,192; Nov. 6.
Luckenbach, Royer, Brooklyn, N. Y., assignor to Luckenbach Processes, Inc., San Francisco, Calif. Composition of matter and using the same. 1,478,237; Dec. 18.
Luckett, William S., Springfield Township, Montgomery County, Pa. Golf kit. 1,443,230; Jan. 23.
Luckett, William S., Chestnut Hill, Pa. Clear-vision rain guard for windshields. 1,450,977; Apr. 10.
Luckett, William S., Chestnut Hill, Pa. Golfing outfit. 1,452,084; Apr. 17.
Luckiesh, Matt, Cleveland, Ohio, assignor to General Electric Company. Coating for electric lamps. 1,464,101; Aug. 7.
Lucot, Amile L. (See Belluomini, J. V., and Lucot.)
Ludeman, Oscar H., Glen Ridge, N. J. Temperature alarm. 1,462,887; July 24.
Ludemann, Robert W., Buffalo, Minn. Door latch. 1,448,554; Mar. 13.
Luden, Wm. H., Inc. (See Weber, W. S., and Yergey, assignors.)
Ludi, Adolf, Grenchen, Switzerland. Thermostatic circuit closer. 1,457,376; June 5.
Ludington Novelty Manufacturing Company. (See Atkinson, Truman L., assignor.)
Ludlam, Dorr S., Oneonta, N. Y. Piston. 1,465,647; Aug. 21.
Ludlam, Malcolm C. (See Campbell, John P., assignor.)
Ludlam, Malcolm C. (See Johnson, Harry S., assignor.)
Ludlow, Edgar S., Cleveland Heights, Ohio. Fender protector. 1,455,538; May 15.
Ludlow, George M., assignor to Sanitary Scale Company, Chicago, Ill. Computing scale with interchangable charts. 1,451,703; Apr. 17.
Ludlow Manufacturing Associates. (See Clark, Guy G., assignor.)
Ludlow Typograph Company. (See Harms, Charles A., assignor.)
Ludlow Typograph Company, The. (See Hedly, Arthur H., assignor.)

Ludlow Typograph Company. (See Reade, William A., assignor.)
Ludlum, Albert C., New York, N. Y., and A. Lowy, Newark, N. J., assignor to New York Engineering Company. Method and apparatus for pushing pipe. 1,442,164; Jan. 16.
Ludlum Steel Company. (See Armstrong, Percy A. E., assignor.)
Ludorf, Ernst, Berne, Switzerland. Machine gun. 1,446,388; Feb. 20.
Ludorf, Ernst, Berne, Switzerland. Projectile for firearms. 1,446,711; Feb. 27.
Ludorf, Ernst, Berlin-Treptow, Germany, assignor to the Firm Pilum, A. G., Berne, Switzerland. Projectile and means to fire the same. 1,468,822; Sept. 25.
Ludowici, Wilhelm, Munich, Germany. Magazine plate back for cameras. 1,446,803; Feb. 27.
Ludwig, Ferdinand, Witkowitz, Czechoslovakia. Method of and means for use in calculating wages. 1,447,479; Mar. 6.
Ludwig, Frederick F., New Holstein, Wis. Clutch-operating lever. 1,443,488; Jan. 30.
Ludwig, George, assignor to R. Williamson & Company, Chicago, Ill. Chandelier. 1,470,855; Oct. 16.
Ludwig, George, assignor to Moe-Bridges Company, Milwaukee, Wis. Lighting fixture. Des. 63,568; Dec. 18.
Ludwig, George L., assignor to Moe-Bridges Company, Milwaukee, Wis. Lighting-fixture arm. Des. 62,027; Mar. 6.
Ludwig, George L., assignor to Moe-Bridges Company, Milwaukee, Wis. Lamp base. Des. 62,028; Mar. 6.
Ludwig, Hans, Oberursel am Taunus, Germany. Free wheel hub. 1,457,311; June 5.
Ludwig, Herman T., San Francisco, Calif. Garbage destructor. 1,478,875; Dec. 25.
Ludwig, Joseph J. (See Reilley, C. F., and Ludwig.)
Ludwig, Martin, Albany, Oreg. Stovepipe-reducing joint. 1,455,027; May 15.
Ludwig, Max, Berlin-Lichterfelde, assignor to Martini & Hüneke Maschinenbau-Aktien-Gesellschaft, Berlin, Germany. Safety device for plants delivering inflammable liquids. 1,456,390; May 22.
Ludwig, Otto F., Zillah, Wash. Pistol holster. 1,453,880; May 1.
Luebke, Charles. (See Luebke, Emil and C.)
Luebke, Emil and C., Neillsville, Wis. Hook. 1,476,627; Dec. 4.
Luebker, Henry E., Plum City, Wis. Milking stool. 1,452,303; Apr. 17.
Lueckenbach, Anton T., Neenah, Wis. Ventilated toilet. 1,443,188; Jan. 23.
Luedecke, Julius A., Chicago, Ill. Kerosene-gas burner. 1,472,605; Oct. 30.
Luehrs, Daniel M., Cleveland, Ohio. Doughnut-making machine. 1,448,669; Mar. 13.
Luellen, Lawrence W., Mountain Lakes, N. J. Receptacle. 1,440,547; Jan. 2.
Luetcher, Oliver P., Peru, Ill. Separator for gaseous fluids. 1,452,204; Apr. 17.
Luethi, Fredrick C., assignor of one-half to A. T. C. Olsen, Stoughton, Wis. Inkwell. 1,475,840; Nov. 27.
Luetscher, Ewald, et al. (See Wesolik, Joseph, assignor.)
Luetscher, Oliver P., Peru, Ill. Separator for gaseous fluids. 1,444,512; Feb. 6.
Luffsmith, William. (See Underwood, G. F., and Luffsmith.)
Lufkin Rule Company, The. (See Buck, Fred, assignor.)
Luftfahrzeugbau Schütte-Lanz. (See Kruckenberg, Franz F., assignor.)
Luftfahrzeugbau Schütte-Lanz. (See Lux, Fritz, assignor.)
Luftschiffbau Zeppelin Gesellschaft mit beschrankter Haftung. (See Arnstein, Karl, assignor.)
Luftschiffbau Zeppelin Gesellschaft mit beschrankter Haftung. (See Dornier, Claudius, assignor.)
Luftschiffbau Zeppelin Gesellschaft mit beschrankter Haftung. (See Dürr, Ludwig, assignor.)
Luftschiffbau Zeppelin Gesellschaft mit beschrankter Haftung. (See Erhardt, Julius, assignor.)
Luftschiffbau Zeppelin, Gesellschaft mit beschrankter Haftung. (See Hilligardt, Erich, assignor.)
Luftscuiffbau Zeppelin Gesellschaft mit beschrankter Haftung. (See Jaray, Paul, assignor.)
Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung. (See Stahl, Karl, assignor.)
Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung. (See Wilcke, Oscar, assignor.)
Lugt, Gerard J., Amsterdam, Netherlands. Double-acting internal-combustion engine. 1,459,680; June 19.
Luhr, Charles W., assignor to New Jersey Patent Company, West Orange, N. J. Resilient gearing. 1,456,700; May 29.
Luhr & Friedl. (See Luhr, Otto, assignor.)
Luhr, Otto, assignor to Luhr & Friedl, Chicago, Ill. Dehydrating gaseous fluids. 1,465,673; Aug. 21.
Luhrmann, George W., Jersey City, N. J., assignor to Anchor Cap & Closure Corporation, Brooklyn, N. Y. Method and apparatus for controlling cooling of packages. 1,453,279; May 1.
Luhrs, Louis H. M., and A. H. Passback, New York, N. Y. Sled. 1,447,094; Feb. 27.
Luick, Frank J., Cleveland, Ohio. Current motor. 1,441,863; Jan. 9.
Lukacs, Joseph M., Pawnee, Ill. Collar. 1,450,093; Mar. 23.
Lukacs, John G., New York, N. Y. Airship. 1,453,059; May 8.
Lukens, Gabriel L., Decatur, assignor to J. Moister, De Land, Ill. Steering-wheel lock. 1,469,655; Oct. 2.
Lukens Steel Company. (See Haldeman, Paul C., assignor.)
Lukes, John. (See Kranz, H. W., and Lukes.)
Lum, George R., assignor to Western Electric Company, assignor to Western Electric Company, Incorporated, New York, N. Y. Loud-speaking telephone receiver. Des. 62,672; July 17.
Lum, George R., assignor to Western Electric Company, Incorporated, New York, N. Y. Loud-speaking telephone receiver. Des. 62,997; Sept. 4.
Lumb, James, Elland, England. Valve for use in connection with pneumatic tires applicable for other suitable purposes. 1,467,440; Sept. 11.
Lumen Bearing Company. (See Patch, Nathaniel K. B., assignor.)
Lumley, Charles R., Roslyn, Wash. Stabilizing and aligning device. 1,449,907; Mar. 27.
Lumley, Frank E., Omaha, Nebr. Vacuum cleaning apparatus. 1,455,116; May 15.
Lumley, Wilfrid, Conneaut, Ohio. Shade holder. 1,447,258; Mar. 6.
Lumley, Wilfrid, Conneaut, Ohio. Globe holder for lighting fixtures. 1,471,561; Oct. 23.
Lummer, Fred, Milwaukee, Wis. Clamp-bolt lock. 1,463,622; July 31.
Lummus Cotton Gin Company. (See Grimes, Thaddeus S., assignor.)
Lumsden, David, Sikeston, Mo. Joint for automobile steering devices. 1,465,140; Aug. 14.
Lumsden, James D., deceased. (See Mackenzie, R. W. R., Robinson, Fort, and Lumsden.)
Lumsden, Robert O., et al., executors. (See Mackenzie, R. W. R., Robinson, Fort, and Lumsden.)
Lumsden, Susan A. R. F., et al., executors. (See Mackenzie, R. W. R., Robinson, Fort, and Lumsden.)
Lumsden, Thomas, Gateshead-on-Tyne, England. Surface-grinding machine. 1,478,971; Dec. 25.
Lund, Andrew G., St. Paul, Minn. Record-sheet holder and protector. 1,452,694; Apr. 24.
Lund, Arthur A. (See McGowan, C., Peterson, and Lund.)
Lund, Einar. (See Sem, M. O., and Lund.)
Lund, John, Bethlehem, Pa. Gun. 1,441,102; Jan. 2.
Lund, Morris, Montevideo, Minn. Hog ring. 1,443,996; Feb. 6.
Lund, Thomas, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of pieced lift heels. 1,463,825; Aug. 7.
Lund, Thomas, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-breasting machine. 1,477,574; Dec. 18.
Lundahl, Nels B., Berwyn, Ill. Dashboard-lamp cap. 1,440,738; Jan. 2.
Lunday, Russell E., Vallejo, Calif. Toothpick. 1,465,522; Aug. 21.
Lundberg, Bernhard, Chicago, Ill. Card-display frame. 1,470,856; Oct. 16.
Lundblad, Emil O., Wakefield, Mass. Hydraulic valve. 1,464,286; Aug. 7.
Lundell, Alben E, assignor to Western Electric Company, Incorporated, New York, N. Y. Tandem allotting system. 1,456,507; May 29.
Lundell, Alben E., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,464,719; Aug. 14.
Lundell, Alben E., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,470,991; Oct. 16.
Lundell, Alben E., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,470,992; Oct. 16.
Lundell, Alben E., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,471,617; Oct. 23.
Lundell, Alben E., Chicago, Ill., and G. Thompson, Mount Vernon, assignors to Western Electric Company, Incorporated, New York, N. Y. Party-line revertive ringing system. 1,450,321; Apr. 3.
Lundell, Alben E., New York, and T. van Amstel, Douglaston, assignors to Western Electric Company, Incorporated, New York, N. Y. Number-indicating system. 1,456,508; May 29.
Lundell, Alben E., Chicago, Ill., and E. H. Clark, Richmond Hill, assignors to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,464,084; Aug. 7.
Lundell, Alvin O., assignor to The Allbright-Nell Co., Chicago, Ill. Viscera and head inspection table. 1,445,632; Feb. 20.
Lundell, George A. E., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,465,360; Aug. 21.
Lunden, Harald L. R. (See Thorssell, C. T., and Lundén.)
Lundene, Otto M., Flint, Mich. Cooling system for motors. 1,443,627; Jan. 30.

Lundgaard, Ivar, Rochester, N. Y. Pyrometer. 1,455,633; May 15.
Lundgaard, Ivar, assignor to The Automatic Refrigerating Company, Hartford, Conn. Air-refrigerating machine. 1,460,677; July 3.
Lundgaard, Ivar, assignor to The Automatic Refrigerating Company, Hartford, Conn. Air-refrigerating machine. 1,475,234; Nov. 27.
Lundgren, Axel G. E., Norrkoping, Sweden. Making self-copying writing paper. 1,463,897; Aug. 7.
Lundgren, Bernhard W., Marysville, Wash. Colter plow or the like. 1,444,974; Feb. 13.
Lundgren, Fred, Los Angeles, Calif., assignor of one-half to F. W. Jones, Nashville, Tenn. Intake manifold. 1,471,745; Oct. 23.
Lundgren, Jonas G., Clear Lake, Iowa. Combined electric switch and fuse. 1,460,914; July 3.
Lundholm, Charles G., San Bernardino, Calif. Box-making machine. 1,448,412; Mar. 13.
Lundin, Carl A. R. (See Bell, L., and Lundin.)
Lundin, Carl W., assignor to Aktiebolaget Precisionsmått, Sundbyberg, Sweden. Adjustable limit gauge. 1,473,351; Nov. 6.
Lundquist, Frank A., Chicago, Ill., assignor, by mesne assignments, to H. S. Conrad, trustee. Automatic telephone exchange. 1,475,497; Nov. 27.
Lundquist, Frank A., Chicago, Ill., assignor, by mesne assignments, to H. S. Conrad, trustee. Relay. 1,475,498; Nov. 27.
Lundquist, Frank A., Chicago, Ill., assignor, by mesne assignments, to H. S. Conrad, trustee. Line switch and connection. 1,475,499; Nov. 27.
Lundquist, Frank A., Chicago, Ill., assignor, by mesne assignments, to H. S. Conrad, trustee. Selector switch and connection. 1,475,500; Nov. 27.
Lundquist, Frank A., Chicago, Ill., assignor, by mesne assignments, to H. S. Conrad, trustee. Switching mechanism. 1,475,501; Nov. 27.
Lundquist, Hans, assignor to United States Specialty Corporation, Chicago, Ill. Liquid-level indicator. 1,456,701; May 29.
Lundquist, Hendrick W., San Diego, Calif. Vehicle direction indicator. 1,478,571; Dec. 25.
Lundsgaard, Christen J. S., Vejen, Denmark. Explosive. 1,457,709; June 5.
Lundsten, Olof. (See Johnson, E. L., and Lundsten.)
Lundstrom, Carl G., Boone, Iowa. Resilient tire. 1,466,133; Aug. 28.
Lundstrom, Carl G., Cleveland, Ohio. Demountable rim. 1,476,528; Dec. 4.
Lundy, Joseph G., Evergreen, Ala. Walking plow or cultivator. 1,474,637; Nov. 20.
Lunken, Edmund H., Cincinnati, Ohio. Window. 1,451,077; Apr. 10.
Lunken, Edmund H., Cincinnati, Ohio. Window shade. 1,452,611; Apr. 24.
Lunken, Edmund H., assignor to The Lunken Window Company, Cincinnati, Ohio. Window. 1,477,969; Dec. 18.
Lunken Window Company, The. (See Hausfeld, Bernard J., assignor.)
Lunken Window Company, The. (See Lunken, Edmund H., assignor.)
Lunn, Ernest, Chicago, Ill. Air-motor-driven generator. 1,444,620; Feb. 6.
Lunt, George P., New York, N. Y. Drying colloids. 1,450,377; Apr. 3.
Luongo, Pasquale. (See Longo, Joseph, assignor.)
Luplow, Henry A., Laporte, Ind. Pool-ball rack. 1,444,318; Feb. 6.
Lupo, Joseph, jr., New York, N. Y. Nail buffer. 1,470,857; Oct. 16.
Lupton, William R., Windermere, England. Paperhanger's tool. 1,451,444; Apr. 10.
Lupton's, David, Sons Company. (See Brogden, Joah, assignor.)
Lurcott, Winfred N., Weehawken, N. J. Wire-strap seal and forming the same. 1,474,372; Nov. 20.
Lüscher, Emil, and T. Lichtenhahn, Basel, assignors to Elektrizitatswerk Lonza, Gampel and Basel, Switzerland. Manufacture of metaldehyde. 1,467,733; Sept. 11.
Luscher, Oscar, New London, Conn. Cloth-trimming device. 1,469,422; Oct. 2.
Luschka, August R., and H. Stukart, assignors to U. S. Slicing Machine Company, Laporte, Ind. Slicing machine. 1,445,521; Feb. 13.
Luschka, August R., and H. Stukart, assignors to U. S. Slicing Machine Company, Laporte, Ind. Bread-slicing machine. 1,445,633; Feb. 20.
Luscomb, Otis K., Allston, Mass. Electric rectifier. 1,446,757; Feb. 27.
Luse, Ralph K., Oxford, Iowa. Attachment for lathes or similar machines. 1,454,590; May 8.
Lusk, John W., Denver, Colo. Shock absorber. 1,455,920; May 22.
Lusk, Myron E., jr., assignor of one-half to W. H. Conant, Cedar Rapids, Iowa. Talking-machine cabinet. Des. 61,786; Jan. 9.
Lüske, Karl, Budapest, and A. Moussong and P. Moussong, Tolna-Hogyesz, Hungary. Stove. 1,450,978; Apr. 10.
Lustenader, Edward. (See Wednbine, W. A., and Lustenader.)
Lustenader, Robert F. (See Wednbine, W. A., and Lustenader.)
Lustgarten, Elcone, Jersey City, N. J. Clothesline buckle. 1,450,094; Mar. 27.
Lutes, John, Ferguson, Iowa. Ironing board. 1,474,536; Nov. 20.
Luther, Carl, and H. Moeller, Council Bluffs, Iowa. Engine-cooling fan. 1,449,685; Mar. 27.
Lutjen, Diedrich. (See Mathias, Louis, assignor.)
Lutkins, Beatrice C., Montclair, N. J. Earring. Des. 62,222; Apr. 17.
Luton, Smith L., Hugo, Okla. Shoe-salesman's stool. 1,460,915; July 3.
Luttrell, Charles E., Titusville, Pa. Washing machine. 1,441,816; Jan. 9.
Luttrell, Paul S., and P. C. Roske, Oakland, Calif. Timing device. 1,466,842; Sept. 4.
Luttrell, Paul S., and P. C. Roske, assignors to American Clock Corporation, Oakland, Calif. Alarm clock. 1,466,843; Sept. 4.
Luttrell, Robert C., Greenfield, assignor to E. R. Hudnell, Chillicothe, Ohio. Signboard. Des. 62,108; Mar. 20.
Lüttringhaus, Arthur, and L. Blangey, Mannheim, assignors, by mesne assignments, to Badische Anilin & Soda Fabrik, Ludwigshafen-am-Rhine, Bavaria, Germany. Tanning hides. 1,469,044; Sept. 25.
Lutz, Eleanor D., New York, N. Y. Hat-holding device. 1,463,898; Aug. 7.
Lutz, Hans, assignor to The Willys-Morrow Company, Elmira, N. Y. Grinding machine. 1,464,950; Aug. 14.
Lutz, Herbert, assignor to G. Morris, Hamilton, Ontario, Canada. Shock absorber. 1,463,219; July 31.
Lutz, John. (See Lütz, Wenzl, assignor.)
Lutz, Martin H., jr., Nelsonville, Ohio. Piston for internal-combustion engines. 1,469,656; Oct. 2.
Lutz, Robert C., Paola, Kans. Gopher trap. 1,476,529; Dec. 4.
Lutz, Victor G., Paris, France. Hand drill provided with a speed-changing device. 1,474,679; Nov. 20.
Lütz, Wenzl, Csepel, near Budapest, Hungary, assignor of one-half to J. Lutz, Chicago, Ill. Furnace. 1,445,225; Feb. 13.
Lutz, Winfield S., Allentown, Pa., assignor to International Motor Company, New York, N. Y. Machine for cutting oil grooves. 1,445,898; Feb. 20.
Luukkonen, Eric, New York, N. Y. Pitchfork. 1,456,455; May 22.
Lux Clock Manufacturing Company. (See Lux, Paul, assignor.)
Lux, Edward, San Diego, Calif. Clamping bolt for tire molds. 1,462,712; July 24.
Lux, Fred, Milmine, Ill. Lead ring. 1,466,134; Aug. 28.
Lux, Fritz, Mannheim, assignor to the Firm Luftfahrzengbau Schütte-Lanz, Mannheim-Rheinau, Germany. Producing a cold glue from blood. 1,468,313; Sept. 18.
Lux, Herbert E., Rochester, N. Y. Antiglare shield for headlights. 1,450,095; Mar. 27.
Lux, Paul, assignor to Lux Clock Manufacturing Company, Waterbury, Conn. Alarm clock. 1,462,142; July 17.
Luxmore, William, Chicago, Ill. Clothes rack. 1,440,880; Jan. 2.
Luyties, Otto G., Mount Vernon, N. Y. Vehicle headlight. 1,461,924; July 17.
Luzerne Rubber Company, The. (See Phillips, Julius, assignor.)
Luzy, Antoine, Paris, France. Magneto flash light. 1,472,335; Oct. 30.
Lyall, P., & Sons Construction Company. (See Bisset, David L., assignor.)
Lybeck, Nels A., New York, N. Y. Fishing. 1,464,623; Aug. 14.
Lybeck, Nels A., Brooklyn, N. Y. Fishing boat. 1,467,763; Sept. 11.
Lyberger, Albert N. (See Strickland, Orlando B., assignor.)
Lyburis, Tadaus, and P. F. Smith, Herrin, Ill. Long-range projectile. 1,442,080; Jan. 16.
Lydeard, Herbert, Swindon, England. Safety retaining mechanism for mine cages, lifts, and the like. 1,443,882; Jan. 30.
Lyding, Peter R., Sacramento, Calif. Poultry house. 1,452,746; Apr. 24.
Lyeso, George, assignor of one-half to G. Hrib, Simpson, W. Va. Slicing machine. 1,452,564; Apr. 24.
Lyhne, Anker S., Bridgeport, Conn. Vanity box. 1,467,764; Sept. 11.
Lykens, James T., assignor of one-half to L. R. Via, Huntington, W. Va. Explosive-engine igniter. 1,476,900; Dec. 11.
Lykins, William H., Sioux City, Iowa. Milk-bottle holder. 1,462,370; July 17.
Lyle, Joel I., and L. L. Lewis, Plainfield, N. J., assignors to Carrier Engineering Corporation, New York, N. Y. Air washing and conditioning apparatus. 1,475,639; Nov. 27.
Lyle, Robert J., Kinmount, Ontario, Canada. Trolley shoe. 1,477,575; Dec. 18.
Lyles, James N., Addison Heights, Va. Nonglare reflector. 1,461,362; July 10.

Alphabetical list of patentees—Continued.

Lyman, Charles E., Asheville, N. C. Road signal. 1,478,972; Dec. 25.
Lyman, John C., Salt Lake City, Utah. Pipe mold. 1,442,691; Jan. 16.
Lyman, Kenneth E. (See Currey, C. F., and Lyman.)
Lyman, Ray J., Berkeley, assignor to Great Western Meter Co., San Francisco, Calif. Fluid meter. 1,465,447; Aug. 21.
Lyman, Warren M. (See Green, H., and Lyman.)
Lyman, William G., Peoria, Ill. Ice-cream dipper. 1,460,551; July 3.
Lymburner, Joseph A., San Francisco, Calif. Wave motor. 1,444,693; Feb. 6.
Lynch, Charles W., assignor to American Writing Paper Company, Holyoke, Mass. Method of and apparatus for cutting deckle-edged envelope blanks. 1,474,048; Nov. 13.
Lynch, Daniel J., Highland Park, Mich. Dump body for motor vehicles. 1,442,958; Jan. 23.
Lynch, Francis T., Baltimore, Md. Refrigerator. 1,462,206; July 17.
Lynch, Francis J., Bloomfield, N. J. Receptacle. 1,463,088; July 24.
Lynch, Frank R. (See Reilly, J. S., and Lynch.)
Lynch, Harry, Des Moines, Iowa. Attachment for pipe-threading machines. 1,456,853; May 29.
Lynch, James E., and A. R. Sandt, assignors to Page & Hill Company, Minneapolis, Minn. Pole-puncturing machine. 1,468,484; Sept. 18.
Lynch, James F. C., Sioux City, Iowa. Wall construction. 1,478,127; Dec. 18.
Lynch, Joseph A., Leonia, assignor of one-half to M. J. Cummins, Fort Lee, N. J. Wall structure. 1,465,855; Aug. 21.
Lynch, Joseph F., Stockton, Calif. Direction signal for automobiles. 1,470,236; Oct. 9.
Lynch, Thomas F., et al. (See Dennen, Philip H., assignor.)
Lynch, William J., Buffalo, N. Y. Manifold for dish-washing machines. 1,440,612; Jan. 2.
Lynch, William R., et al. (See Dennen, Philip H., assignor.)
Lynchburg Foundry Company. (See Taylor, Walter H., 3d, assignor.)
Lyndon, Edward, New York, N. Y. Headlight lens. 1,471,668; Oct. 23.
Lyndon, Lamar, New York, N. Y. Vent plug for storage batteries. 1,455,344; May 15.
Lyndon, Lamar, New York, N. Y. Cell connecter for electric batteries. 1,472,923; Nov. 6.
Lyndon, Lamar, New York, N. Y. Water-wheel gate. 1,472,924; Nov. 6.
Lyndon, Lamar, New York, N. Y. Cover for containing cells of electric batteries. 1,474,829; Nov. 20.
Lyndon, Lamar, New York, N. Y. Porous, acid-resisting diaphragm. 1,474,830; Nov. 20.
Lynds, Fred H., North Attleboro, Mass., assignor to Whiting & Davis Company. Support for link-mesh fabric. 1,470,019; Oct. 9.
Lynn Last Co. (See Goodwin, Abraham E., assignor.)
Lynn, Lawrence F., and J. D. Lewis, Tacoma, Wash. Electric heater. 1,444,621; Feb. 6.
Lynn Machine Screw Company. (See Chipman, Mark W., assignor.)
Lynn, Nathan O., Tucson, Ariz. Dental casting flask. 1,458,835; June 12.
Lynn, Thomas H. (See Steel, C. C., and Lynn.)
Lyon, Charles D. (See Haskell, Sprague F., assignor.)
Lyon, Charles H., Chicago, Ill. Smoking pipe. 1,468,306; Sept. 18.
Lyon, George A., Philadelphia, Pa. Separable multiple unit bumper package. 1,451,780; Apr. 17.
Lyon, George A., Philadelphia, Pa. Bumper package. 1,451,781; Apr. 17.
Lyon, George A., Philadelphia, Pa. Vehicle buffer device. 1,457,532; June 5.
Lyon, George A., Philadelphia, Pa. Automobile buffer attacher. 1,457,533; June 5.
Lyon, George A., Philadelphia, Pa. Resilient front buffer. 1,457,534; June 5.
Lyon, George A., Philadelphia, Pa. Rear attaching device. 1,459,227; June 19.
Lyon, George A., Philadelphia, Pa. Vehicle buffer device. 1,466,882; Sept. 4.
Lyon, George A., Philadelphia, Pa. Automobile brace bar and buffer. 1,467,382; Sept. 11.
Lyon, George A., Philadelphia, Pa. Doubled attaching-member buffer. 1,467,383; Sept. 11.
Lyon, George A., Philadelphia, Pa. Brace-bar automobile buffer. 1,467,384; Sept. 11.
Lyon, George A., Philadelphia, Pa. Brace-bar buffer. 1,467,385; Sept. 11.
Lyon, George A., Philadelphia, Pa. Resilient front buffer. 1,467,386; Sept. 11.
Lyon, George A., Philadelphia, Pa. Rear buffer attachment. 1,467,387; Sept. 11.
Lyon, George A., Philadelphia, Pa. Automobile bumper. 1,467,388; Sept. 11.
Lyon, George A., Philadelphia, Pa. Automobile brace-bar buffer. 1,467,389; Sept. 11.
Lyon, George A., Philadelphia, Pa. Automobile buffer and attachment therefor. 1,467,390; Sept. 11.
Lyon, George A., Philadelphia, Pa. Buffer construction. 1,474,273; Nov. 13.
Lyon, George A., Philadelphia, Pa. Vehicle buffer. 1,476,342; Dec. 4.
Lyon, George A., Philadelphia, Pa. Buffer for motor vehicles. 1,476,343; Dec. 4.
Lyon, George A., Philadelphia, Pa. Automobile buffer. 1,476,825; Dec. 11.
Lyon, Gustave F., Paris, France. Treating wood. 1,456,809; May 29.
Lyon & Healy, Inc. (See Jefferson, B. H., and Kirk, assignors.)
Lyon, Jererd R., Byers, Tex. Chicken roost. 1,449,612; Mar. 27.
Lyon, Leonidas N., Houston, Tex. Door fastener. 1,471,177; Oct. 16.
Lyon Metallic Manufacturing Company. (See O'Connor, John B., assignor.)
Lyon Metallic Manufacturing Company. (See Wilkinson, Leroy A., assignor.)
Lyon, Nikolaus. (See Tauern, O. D., and Lyon.)
Lyon, Robert N., assignor of one-third to C. M. Allen, Coeur d'Alene, Idaho. Chain connecter. 1,474,680; Nov. 20.
Lyon Rubber Co., The. (See Brubaker, William A., assignor.)
Lyon, Sidney P., Dayton, Ohio. Aircraft landing-gear-cord clamp. 1,458,212; June 12.
Lyon, Wilbert, Crawfordsville, assignor to C. T. C. Mfg. Co., Indianapolis, Ind. Timer brush. 1,447,179; Mar. 6.
Lyons, Alpheus F. S., Neenah, Wis. Boot and shoe. 1,477,140; Dec. 11.
Lyons, Benjamin F. (See Robinson, Walter W., assignor.)
Lyons, Charles D., Mansfield, Mass. Separable cuff link button or the like. 1,478,128; Dec. 18.
Lyons, Harry C., New York, N. Y. Toaster, etc. 1,440,786; Jan. 2.
Lyons, Harry C., New York, N. Y. Dispensing means for beverages containing chocolate, cocoa, etc. 1,442,435; Jan. 16.
Lyons, Joseph, Schenectady, N. Y., assignor to General Electric Company. Method and apparatus for producing cool light. 1,462,348; July 17.
Lyons, Joseph L. (See Brown, William F., assignor.)
Lyons, William G., La Crosse, Wis. Wire-stretching tool. 1,444,928; Feb. 13.
Lyons, William W., and G. E. McElroy, assignors to Heller Tool Company, Newark, N. J. Cutting tool. 1,455,297; May 15.
Lyradion Manufacturing Company. (See Seabrook, Bagster R., assignor.)
Lyth, John J., Valleyfield, Quebec, Canada. Roof leader and roof vent. 1,442,625; Jan. 16.
Lytle, Charles R. (See Malligan, J., and Lytle.)
Lytle, George A., Sacramento, Calif. Wheel. 1,445,522; Feb. 13.
Lytle, John O., et al. (See Killy, Sever P., assignor.)
Lyttle, Roy C., Chicago, Ill. Gravity-car control. 1,442,282; Jan. 16.
Lyttleton, Henry T., Marshall, Tex. Sweet-potato-curing apparatus. 1,450,979; Apr. 10.
Lytton, Frank J. (See Buchanan, S. L., and Lytton.)
M. L. Experimental Limited. (See Lucas, Owen D., assignor.)
M. & M. Adograph Company, The. (See Moffett, Parley O., assignor.)
M. & P. Enterprises Limited et al. (See Morrison, Charles H. W., assignor.)
Maag, Max, Zurich, Switzerland. Drag-spindle gear. 1,460,552; July 3.
Maag, Max, Zurich, Switzerland. Drag-spindle mechanism. 1,472,848; Nov. 6.
Maage, Alfred E., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Electric switch. 1,455,960; May 22.
Maake, Arthur, Detroit, Mich. Curtain window for vehicles. 1,448,851; Mar. 20.
Maas, Elov F., Long Branch, N. J. Car mounting and car-wheel assembly. 1,466,240; Aug. 28.
Maas, Julius, assignor to Caille Brothers Company, Detroit, Mich. Engine starter. 1,449,865; Mar. 27.
Maas, Thomas J. (See Maas, William A. and T. J.)
Maas, William A. and T. J., Waterford, Wis. Tire heater. 1,454,295; May 8.
Maasdam, Abraham G., Steamboat Springs, Colo. Gate and operating means therefor. 1,447,312; Mar. 6.
Maatschappij tot Vervaardiging van Snijmachines volgens "Van Berkel's Patent" en van andere Werktuigen. (See de Graaf, C., jr., and Burman, assignors.)
Maatschappij tot Vervaardiging van Snijmachines volgens "Van Berkel's Patent" en van andere Werktuigen. (See Van Berkel, Cornelis F. M., assignor.)
Mabbey, Harry A., Lima, Ohio. Burnishing-wheel cover. 1,455,298; May 15.
Mabee, Charles R. (See Collver, H. E., and Mabee.)
Mabee, Charles R., and M. C. Mabee, Buffalo, N. Y. Device for condensing gases. 1,461,364; July 10.
Mabee, Elliott B., Brooklyn, N. Y. Illuminating device for the examination of negatives. 1,463,624; July 31.
Mabee, May C. (See Mabee, Charles R. and M. C.)
Mabee, May C., Toledo, Ohio. Apparatus for treating materials. 1,451,168; Apr. 10.

Mabee, May C., Toledo, Ohio. Device for heating, pasteurizing and evaporating liquids. 1,459,182; June 19.
Mabey, Charles W., Indianapolis, Ind. Showcase machine for popping corn. 1,466,55; Aug. 28.
Mable, William, assignor of one-half to D. Goodale, Fort Collins, Colo. Pneumatic drill. 1,457,181; May 29.
Mabry, John C., Kansas City, Mo. Garment supporter. 1,454,550; May 8.
Macabee, Edward L., Haywards, assignor to Hunt Brothers Packing Company, San Francisco, Calif. Washing apparatus. 1,465,085; Aug. 14.
MacAleese, Frederic L., Milwaukee, Wis. Punch. 1,469,093; Sept. 25.
Macalpine, John H., Pittsburgh, assignor to The Westinghouse Gear & Dynamometer Company, East Pittsburgh, Pa. Floating frame. 1,464,624; Aug. 14.
MacArthur, William J., Los Angeles, Calif. Device for draining water from oil tanks. 1,442,677; Jan. 16.
MacArthur, William J., Los Angeles, Calif., assignor of one-half to R. E. Maynard. Device for draining water from oil tanks. Re15,678; Aug. 21.
Macartney, Jack. (See Macartney, John H. and J.)
Macartney, John H. and J., Los Angeles, Calif. Grinding art. 1,441,162; Jan. 2.
Macauley, Alvan., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,443,029; Jan. 23.
Macbeth, Albert C., assignor of one-half to C. T. Orange, Seattle, Wash. Motion-picture machine. 1,472,608; Oct. 30.
Macbeth, Colin, and H. Willshaw, Birmingham, assignors to The Dunlop Rubber Company, Limited, Westminster, London, England. Conveyer for vulcanizing presses 1,465,609; Aug. 21.
Macbeth-Evans Glass Company. (See Sloan, Theodore H., assignor.)
Macbeth, Norman, New York, N. Y. Color-identifying apparatus. 1,442,166; Jan. 16.
MacBride Co. (See MacBride, G. W., and Bonney, assignors.)
MacBride, George W., and G. C. Bonney, Boston, Mass., assignors to MacBride Co., Southport, Me. Band brake. 1,461,803; July 17.
Maccarone, Fiorentino, Rochester, N. Y. Heel attachment for shoes. 1,469,324; Oct. 2.
Macchia, Camillo, Ardmore, assignor to The United States Fire Works Manufacturing Company, Cardington, Pa. Toy torpedo. 1,464,183; Aug. 7.
Macchioni, Achille, and E. Hocke, Genoa, Italy. Locomotive. 1,456,810; May 29.
Macdaid, James J., jr., Allston, Boston, assignor to Dennison Manufacturing Company, Framingham, Mass. Crape-strip decoration. 1,458,624; June 12.
MacDonald, Angus S., Great Neck, N. Y., assignor to Decorative Arts League, Jersey City, N. J. Lamp. Des. 62,029; Mar. 6.
Macdonald, Angus S., Great Neck Station, N. Y., assignor to Snead & Co. Iron Works. Flexible joint. 1,466,238; Aug. 28.
Macdonald, Angus S., Great Neck, N. Y., assignor to Decorative Arts League, Jersey City, N. J. Letter box. Des. 63,261; Nov. 13.
Macdonald, Charles A., Cambridge, Mass., assignor to William S. Doig, Inc., Brooklyn, N. Y. Nailer for corrugated fasteners. 1,450,730; Apr. 3.
Macdonald, Charles H., Montclair, and L. L. Salfisberg, assignors to Ivers-Lee Company, Newark, N. J. Coating device. 1,463,476; July 31.
MacDonald, Clifford K., Brockton, Mass. Shoe last. 1,468,644; Sept. 25.
Macdonald, David B., Davenport, Iowa. Match box. 1,451,882; Apr. 17.
Macdonald, David B., Davenport, Iowa. Match box. 1,451,953; Apr. 17.
Macdonald, David B., Leicester, England. Machine for making stiffeners, stiffening material, insoles, and like parts for boots and shoes. 1,474,202; Nov. 13.
MacDonald, Edith M. (See MacDonald, W. J., Blaney, and MacDonald.)
Macdonald, Francis R., London, England. Refuse destructor and incinerator. 1,446,262; Feb. 20.
MacDonald, Frank J., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for forming straps and applying the same to articles. 1,451,167; Apr. 10.
MacDonald, Frank J., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Dipping device. 1,454,244; May 8.
MacDonald, Frank J., assignor to The Firestone Tire and Rubber Company, Akron, Ohio. Stock-cutting apparatus. 1,469,325; Oct. 2.
Macdonald, George C., Elmhurst, assignor to Loose Wiles Biscuit Company, Long Island City, N. Y. Corrugated display rack. 1,459,706; June 19.
MacDonald, Jack B., Oakland, Calif. Oiling system. 1,447,313; Mar. 6.
MacDonald, Jack B., Oakland, Calif. Preheater and mixer. 1,466,406; Aug. 28.
MacDonald, James M., East Orange, N. J. Arm lock for golf players. 1,457,710; June 5.
MacDonald, James M., East Orange, N. J. Head-lifting detector for golfers. 1,468,386; Sept. 18.
Macdonald, James N. and R. R., Island Mountain, Calif. Automobile. 1,474,203; Nov. 13.
Macdonald, John D., assignor to Forbes Lithograph Manufacturing Company, Boston, Mass. Foldable structure. 1,453,567; May 1.
MacDonald, John W., Wilkinsburg, Pa. Apparatus for dispensing liquids. 1,476,408; Dec. 4.
Macdonald, John W. F., assignor to The Merrill Process Company, Boston, Mass. Thermic apparatus. 1,440,926; Jan. 2.
Macdonald, John W. F., Brighton, Mass., assignor to The Merrill Process Company. Apparatus for heating and cooling. 1,456,136; May 22.
MacDonald, Joseph N., Arlington, Mass. Building construction. 1,457,981; June 5.
Macdonald, Robert, jr. (See Richmond, H. A., and Macdonald.)
MacDonald, Robert W., assignor to Wundur Cabinet Ledger Company, Chicago, Ill. Ledger cabinet. 1,443,325. Jan. 23.
MacDonald, Robert W., assignor to Wundur Cabinet Ledger Company, Chicago, Ill. Ledger cabinet. 1,447,141; Feb. 27.
Macdonald, Robin R. (See Macdonald, James N. and R. R.)
MacDonald, Wilfred J., F. R. Blaney, and E. M. MacDonald, Winnipeg, Manitoba, Canada. Amusement appliance. 1,459,474; June 19.
MacDonald, William H. P., Sioux City, Iowa. Wind motor. 1,442,350; Jan. 16.
MacDonald, William W., San Francisco, Calif. Hydraulic-ram control. 1,454,396; May 8.
MacDonald, William W., San Francisco, Calif. Hydraulic brake. 1,454,397; May 8.
MacDowel, Andrew S., Rochester, N. Y. Typewriter copyholder. 1,478,344; Dec. 18.
MacDowell, Glenn J., and M. H. Jones, assignors to Super Reflex Company, Chicago, Ill. Camera-shutter-operating mechanism. 1,456,137; May 22.
Mace, Arthur T., assignor to The Domestic Electric Company, Cleveland, Ohio. Driving mechanism for sewing machines. 1,450,602; Apr. 3.
Mace, Arthur T., East Cleveland, assignor to The Domestic Electric Company, Cleveland, Ohio. Motor drive for sewing machines. 1,462,516; July 24.
Mace, Christopher T., Appleton, Wis. Reed for weaving looms. 1,449,686; Mar. 27.
MacEachen, Roderick, Washington, D. C. Coal elevating and conveying apparatus. 1,448,756; Mar. 20.
Macey, John A., Kansas City, Kans. Boring machine. 1,445,699; Feb. 20.
Macfadden, Bernarr, New York, N. Y. Cooling and ventilating apparatus. 1,448,363; Mar. 13.
MacFarland, Allis M., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Soldering iron. 1,472,183; Oct. 30.
Macfarlane Communications Corporation. (See Macfarlane, William W., assignor.)
Macfarlane, Scott B., and L. J. Barry, Middletown, R. I., assignors to the Government of the United States. Torpedo. 1,464,576; Aug. 14.
Macfarlane, William W., Elkins Park, Pa., assignor to Macfarlane Communications Corporation, New York, N. Y. Train telephone system. 1,448,852; Mar. 20.
MacGahan, Paul, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrical protective device. 1,443,583; Jan. 30.
MacGahan, Paul, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Measuring instrument. 1,458,947; June 19.
MacGill, Charles F., Cambridge, Mass. Fluid-registering mechanism. 1,453,716; May 1.
MacGill, Charles F., Cambridge, Mass. Fluid-registering mechanism. 1,463,534; July 31.
MacGowan, William, Oak Park, assignor to Chicago Mill and Lumber Company, Chicago, Ill. Machine for sealing boxes. 1,442,727; Jan. 16.
MacGregor, Joseph, North Shields, England. Gauge for indicating the draft of ships. 1,478,288; Dec. 18.
MacGregor, Peter G., New York, N. Y., assignor to Pyrene Manufacturing Company. Pump. 1,442,488; Jan. 16.
MacGregor, Peter G., New York, N. Y., assignor to Pyrene Manufacturing Company. Fire extinguisher. 1,474,204; Nov. 13.
Mach, Ludwig, Munich, Germany. Freezing machine of the absorption type. 1,467,053; Sept. 4.
Machlet, Adolph W., Elizabeth, N. J. Furnace. 1,471,618; Oct. 23.
Machol, David J., West New Brighton, N. J. Dental syringe. 1,452,085; Apr. 17.
Maciej, Mike, Bowlus, Minn. Potato-cutter attachment for potato planters. 1,446,713; Feb. 27.
MacIlwaine, Alfred W., Yorkshire, England. Packing and preservation of peanuts. 1,475,842; Nov. 27.
MacIlwaine, Alfred W., North Ferriby, England. Preservation and preparation for transportation of oil-bearing raw material. 1,476,531; Dec. 4.
MacIlwaine, Alfred W., North Ferriby, England. Preservation and preparation for transportation of cotton-seed. 1,476,532; Dec. 4.
MacInnes, Hugh, Jersey City, N. J. Method of and apparatus for making flexible roofing material. 1,454,323; May 8.

MacInnes, Jesse, Jersey City, N. J., assignor of one-half to H. C. Karlson, Hasbrouck Heights, N. J. Toilet article. 1,475,490; Nov. 27.
MacIntosh, George P., Wakefield, Mass. Felly-engaging antiskid-chain-anchoring means. 1,452,885; Apr. 24.
MacIntosh, George P., Wakefield, Mass. Spoke-engaging antiskid-chain-anchoring means. 1,452,886; Apr. 24.
Mack, Catherine R., Los Angeles, Calif. Bed and douche pan. 1,468,603; Sept. 18.
Mack, George J., Brooklyn, N. Y., assignor to U. S. Industrial Alcohol Co. Closure. 1,441,697; Jan. 9.
Mack, Joseph A., Minturn, Colo. Burglar-alarm lock. 1,441,516; Jan. 9.
Mack, Joseph A., Minturn, Colo. Flytrap. 1,461,925; July 17.
Mack, Luther L., South Pasadena, Calif. Hydraulic brake mechanism. 1,472,369; Oct. 30.
Mack, W. Lewis. (See Hard, Merrill W., assignor.)
Mack, William H., Oak Grove, La. Saw set. 1,450,812; Apr. 3.
Mack, William H., Johnson City, N. Y. Combination nonsmudging cigar and cigarette ash receiver and table. 1,472,804; Nov. 6.
Mackay, George M. J., Schenectady, N. Y., assignor to General Electric Company. Seal for electric devices. 1,456,110; May 22.
Mackay, Henry S., London, England. Treating ores. 1,475,843; Nov. 27.
Mackay, Joseph E., San Francisco, Calif. Cushion tire. 1,472,986; Nov. 6.
Mackay, Philip A., London, England. Recovering vanadium from its ores. 1,450,507; Apr. 3.
MacKay, Philip A., London, England. Treatment of sulphide ores containing lead and zinc. 1,473,193; Nov. 6.
MacKay, Vasil, Washington, D. C. Mechanical stoking grate support. 1,454,324; May 8.
MacKay, Vasil, Washington, D. C. Auxiliary feed block for furnaces. 1,456,138; May 22.
MacKaye, James, Cambridge, Mass. Centrifugal separating apparatus. 1,469,230; Oct. 2.
MacKaye, James, Cambridge, Mass. Centrifugal separating apparatus. 1,469,522; Oct. 2.
Mackensen, Fritz, Worpswede, near Bremen, Germany. Asparagus-cutter. 1,455,797; May 22.
Mackensen, Otto, assignor to the Firm of Carl Zeiss, Jena, Germany. Sighting device for aircraft. 1,449,526; Mar. 27.
Mackensen, Otto, assignor to the Firm of Carl Zeiss, Jena, Germany. Sighting device for aircraft. 1,449,527; Mar. 27.
MacKenzie, Allister, Oakland, Calif. Coupon book. 1,454,447; May 8.
Mackenzie, Daniel, Pomona, Calif. Device for preventing frost in orchards. 1,451,994; Apr. 17.
MacKenzie, Fred L. (See Goddu, G., and MacKenzie.)
Mackenzie, Fred L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening-inserting machine. 1,446,473; Feb. 27.
Mackenzie, Fred L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening-inserting machine. 1,474,373; Nov. 20.
Mackenzie, Gardner E., New Rochelle, N. Y. Toy roller coaster. 1,443,491; Jan. 30.
MacKenzie, George A., Bay City, Mich. Grate. 1,457,377; June 5.
MacKenzie, George A., Bay City, Mich. Downdraft furnace. 1,469,600; Oct. 2.
MacKenzie, George W., Beaver, assignor to Guarantee Liquid Measure Company, Rochester, Pa. Liquid-measuring apparatus. 1,475,844; Nov. 27.
MacKenzie, Henry, Stanmore, Alberta, Canada. Swimming buoy. 1,478,525; Dec. 25.
MacKenzie, Hugh R., Toronto, Ontario, Canada. Counter-display price-indicating-ticket device. 1,472,928; Nov. 6.
MacKenzie, John S., Delaware, Ohio. Incubator. 1,454,325; May 8.
MacKenzie, Philip, San Francisco, Calif. Combined drill and valve grinder. 1,450,003; Mar. 27.
MacKenzie, Philip, San Francisco, Calif. Pawl-and-ratchet power appliance. 1,454,398; May 8.
Mackenzie, Robert W. R., et al., executors. (See Mackenzie, R. W. R., Robinson, Fort, and Lumsden.)
Mackenzie, Robert W. R., Fife, E. H. Robinson, Perth, M. Fort and J. D. Lumsden, deceased, Almondbank, by S. A. R. F. Lumsden, Huntingtowerfield, Almondbank, R. W. R. Mackenzie, Earlshall, Fife, J. G. Miller, Perth, R. O. Lumsden, Almondbank, and A. P. Melville, Edinburgh, Scotland, executors. Beetling and treatment of fabrics. 1,460,858; July 3.
Mackenzie, William H., Bournemouth, England. Awning for lounge and deck chairs. 1,443,921; Jan. 30.
Mackey, Albert G., Washington, D. C., assignor to The Automatic Company. Match-box attachment. 1,463,517; July 31.
Mackey, Frederic C., and J. H. Gumz, Chicago, Ill. Enameling furnace. 1,453,051; Apr. 24.
Mackey, William R., Monroe, Wis. Air-hose stand. 1,468,538; Sept. 18.
Mackie, Edwin M. (See Palmros, A., Mackie, and Healey.)
Mackie, Robert, Woolston, England. Furnace front. 1,444,846; Feb. 13.
MacKillican, James A., and F. L. Lipcsey, Hibbing, Minn. Excavating machine. 1,455,541; May 15.
Mackin, Richard, Boston, Mass. Wrench. 1,467,678; Sept. 11.
Mackinnon, Frederic A., and J. Hampson, London, England. Coupler for railway and like vehicles. 1,460,974; July 3.
Mackintosh-Hemphill Company. (See Brock, Richard E., assignor.)
Mackintosh-Hemphill Company. (See Fawell, Joseph E., assignor.)
Mackintosh-Hemphill Company. (See Nisbet, David F., assignor.)
Mackintosh, John, Paisley, Scotland. Automatic circuit closer. 1,456,027; May 22.
Mackintosh, John D., Manchester, England. Sock for boots and shoes. 1,443,081; Jan. 23.
Mackison, Elmer W. (See Bosshart, J. W., and Mackison.)
Macklind, William R., Chicago, Ill. Apparatus and process for making lithopone. 1,447,592; Mar. 6.
Macklind, William R., Chicago, Ill. Furnace. 1,447,593; Mar. 6.
Mackness, William R., Hamstead, London, England. Device for measuring sheets of material such as paper, cardboard, metal, and the like. 1,441,440; Jan. 9.
Mackrodt, John A., assignor to International Devices Inc., Oakland, Calif. Wrapping-paper cabinet. 1,447,594; Mar. 6.
MacLachlan, John C., assignor to Standard Food Products Company, St. Paul, Minn. Spraying and beating head. 1,468,118; Sept. 18.
MacLachlan, John C., assignor to Standard Food Products Company, St. Paul, Minn. Device for reducing liquids to powdered or other condensed form. 1,468,119; Sept. 18.
MacLachlan, John D., Chadwick, Mo. Engine. 1,467,734; Sept. 11.
MacLachlan, John M., Milwaukee, Wis. Drying grapes and other fruit. 1,476,761; Dec. 11.
Macklanburg, Louis A., Oklahoma, Okla. Weather strip. 1,475,640; Nov. 27.
Macklanburg, Louis A., Oklahoma, Okla. Weather strip. 1,477,225; Dec. 11.
Mackle, William J., St. Louis, Mo. Motor. 1,445,337; Feb. 13.
Maclaren, James G., Mamaroneck, N. Y. Governing means for pneumatic systems. 1,443,795; Jan. 30.
Maclaren, James G., Mamaroneck, N. Y. Pneumatic-dispatch system. 1,452,280; Apr. 17.
Maclean, David A., San Francisco, Calif. Centrifugal compressor. 1,457,536; June 5.
MacLean, George H., New Haven, Conn. Portable turntable. 1,449,767; Mar. 27.
MacLean, George H., New Haven, Conn. Batch-measuring hopper. 1,478,751; Dec. 25.
Maclean, James M., Vancouver, British Columbia, Canada. Means for vaporizing liquid fuel. 1,470,461; Oct. 9.
Maclean, Robert S., Chicago, Ill. Building construction. 1,450,731; Apr. 3.
Maclear, James R., assignor to F. R. Ashley, Denver, Colo. Awning-control means. 1,460,359; June 26.
MacLellan, Angus D., assignor to MacLellan Mixer Company, Owensboro, Ky. Percentage feeder and mixer. 1,462,649; July 24.
MacLellan, Angus D., assignor to MacLellan Mixer Company, Owensboro, Ky. Percentage feeder. 1,463,777; July 31.
MacLellan Mixer Company. (See MacLellan, Angus D., assignor.)
MacLeod, Angus P. (See MacLeod, George S. and A. P.)
Macleod, Cameron, et al., trustees. (See Melcher, George S., assignor.)
Macleod, Eldon, et al., trustees. (See Melcher, George S., assignor.)
MacLeod, George S. and A. P., Seattle, Wash. Automobile bumper. 1,465,649; Aug. 21.
Macloskie, George. (See Stearns, R., and Macloskie.)
Macloskie, George, Erie, Pa., assignor to General Electric Company. Safety car control and air-brake equipment. 1,445,902; Feb. 20.
Macloskie, George, Erie, Pa., and R. Stearns, Schenectady, N. Y., assignors to General Electric Company. Braking system. 1,442,286; Jan. 16.
MacMahon, James H., Saltville, Va., assignor to The Mathieson Alkali Works, Inc. Producing carbonates of the alkaline earth metals. 1,444,623; Feb. 6.
MacMahon, James H., Saltville, Va., assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Manufacture of bleaching-powder solutions. 1,474,831; Nov. 20.
MacMartin, James, Albany, N. Y. Railway tie. 1,457,537; June 5.
MacMichael, Ross F., deceased, Chicago, Ill.; A. J. Petit, jr., administrator. Apparatus for determining the relative density of two gases. 1,443,492; Jan. 30.
MacMillan, Alexander. (See Hoff, T., Shelton, and MacMillan.)
MacMillan, Alexander. (See Wright, Edward, assignor.)
Macmillan, Campbell, Schenectady, N. Y., assignor to General Electric Company. Ship-propulsion system. 1,461,551; July 10.

MacMillan, Charles W., Passaic, N. J. Film spool. 1,454,480; May 8.
MacMillan, Daniel J., Brooklyn, N. Y. Pneumatic-dispatch-tube carrier. 1,443,232; Jan. 23.
MacMillen, William C., Rochester, Pa. Name plate for gasoline-dispensing apparatus. Des. 62,616; July 3.
MacMurchy, John A., Ridley Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Elastic-fluid turbine. 1,469,045; Sept. 25.
Macnaughtan, James. (See Lane, J. D., and Macnaughtan.)
MacNeill, John B., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Tripping device. 1,442,289; Jan. 16.
MacNeill, John B., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Switching device. 1,472,184; Oct. 30.
MacNeill, William J., Wauwatosa, assignor to Federal Malleable Company, West Allis, Wis. Molder's press. 1,450,892; Apr. 3.
MacNicoll, Donald. (See Cockburn, D., and MacNicoll.)
Macomic, Chester A. (See Webster, Bester R., assignor.)
Macowsky, David. (See Miller, J., and Macowsky.)
MacPhee, Dougald, Rivers Inlet, British Columbia, Canada. Fish-cleaning machine. 1,450,508; Apr. 3.
Macpherson, Byron, Roxbury, assignor to Wireless Specialty Apparatus Company, Boston, Mass. Electrical condenser. 1,446,650; Feb. 27.
Macpherson, Byron, Roxbury, assignor to Wireless Specialty Apparatus Company, Boston, Mass. Electrical condenser. 1,474,486; Nov. 20.
MacPherson, Hugh D., Summit, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,457,912; June 5.
Macpherson, Robert, Worthington, and W. E. Heys, Bushey, England. Antiseptic and insecticidal soap or composition. 1,451,670; Apr. 10.
Mac-Q Company, Inc. (See Canfield, John A., assignor.)
Macrae, John M. (See Anderson, O. A., and Macrae.)
MacRae, Nelson, Wilmington, N. C. Game. 1,470,117; Oct. 9.
MacTyre, Eugene R., Titusville, Pa. Automobile appliance. 1,449,866; Mar. 27.
Macura, Mike, Hastings-on-Hudson, N. Y. Burglar alarm. 1,469,943; Oct. 9.
Macwilliam, Hugh G., New Rochelle, N. Y. Window. 1,473,438; Nov. 6.
Macy, Alfred J., Franklin, Pa. Landing indicator for airplanes. 1,475,075; Nov. 20.
Macy, Barnett W., Jacksonville, Fla. Electrical heating device. 1,468,722; Sept. 25.
Macy, Barnett W., assignor to Electric Heating Corporation, Jacksonville, Fla. Oil pump. 1,467,441; Sept. 11.
Macy, Barnett W., assignor to Electric Heating Corporation, Jacksonville, Fla. Garment ironer. 1,468,721; Sept. 25.
Macy, Barnett W., assignor to Electric Heating Corporation, Jacksonville, Fla. Electrically-heated ironing device. 1,468,723; Sept. 25.
Macy, Ishmael W., Elkhart, Ind., assignor to The Godfrey Conveyor Company. Conveyer bucket. 1,443,796; Jan. 30.
Macy, James S. (See Macy, Pearl H. and J. S.)
Macy, Pearl H. and J. S., Weehawken, N. J. Floor-mop attachment. 1,461,319; July 10.
Macy, R. H., & Co. (See Von Kersburg, Harry E., assignor.)
Madaus, Gerhard, Bonn, Germany. Apparatus for applying volatile substances to the human body. 1,472,032; Oct. 23.
Maddalena, Giovanni, Niederurnen, Switzerland. Manufacture of Dutch tiles or slabs having a lustrous surface and article produced thereby. 1,440.882; Jan. 2.
Madden, Charles L., Bay City, Mich. Spotlight. 1,457,120; May 29.
Madden, George F., Roosevelt, Utah. Oil indicator and pump primer. 1,459,681; June 19.
Madden, Harry D., Irvington, and J. J. Higgins, East Orange, N. J., assignors to Westinghouse Lamp Company. Method of and apparatus for manufacturing incandescent lamps. 1,461,155; July 10.
Madden, Horace M. (See Luallen, Calvin L., assignor.)
Madden, James P., assignor to Bethlehem Steel Company, Bethlehem, Pa. Salt press. 1,460,026; June 26.
Madden, Jesse F., Brooklyn, N. Y. Thread guide. 1,453,941; May 1.
Madden, Jesse F., Brooklyn, N. Y. Double-eyed guide. 1,454,061; May 8.
Maddock Pottery Company. (See May, Charles A., assignor.)
Maddock, Walter A. E., Hamilton, N. Dak. Air-release device. 1,460,027; June 26.
Maddocks, Harry. (See Ellis, T. C., Jeffery, and Maddocks.)
Mader, Joseph, Philadelphia, Pa., assignor to S. L. Allen & Co., Inc. Tractor hitch. 1,446,125; Feb. 20.
Madere, Ernest H., Hahnville, assignor to Bienville Manufacturing Company Inc., New Orleans, La. Baby guard. 1,463,125; July 24.
Madieux, Eleanor. (See Entriken, Emmett W., assignor.)
Madigan, Frank B. (See Patten, C. C., Date, and Madigan.)
Madigan, John W., Connellsville, Pa. Cement batch box, carrier, and dump. 1,471,403; Oct. 23.
Madison Battery and Service Company. (See Palmer, Aaron G., assignor.)
Madison Kipp Corporation. (See Putnam, William H., assignor.)
Madison, Minnie B., executrix. (See Madison, Oliver C.)
Madison, Oliver C., deceased, Omaha, Nebr.; M. B. Madison, executrix. Toy pistol. 1,461,778; July 17.
Madison Tire & Rubber Company. (See Belden, Russell D., assignor.)
Madle, Frank, Berwyn, assignor to Cruver Manufacturing Company, Chicago, Ill. Savings bank. 1,468,911; Sept. 25.
Mädler, Franz L., Charlottenburg, Germany. Engine piston and making the same. 1,464,612; Aug. 14.
Madsen, Carl J. (See Chazen, S., and Madsen.)
Madsen, Charles C., et al. (See Starkl, Joseph, assignor.)
Madsen, Fred, et al. (See Morris, George T., assignor.)
Madsen, Johan, Strib, Island of Funen, Denmark. Loop coupling. 1,446,714; Feb. 27.
Madsen, Martin, Casmalia, Calif. Window-polishing device. 1,463,477; July 31.
Madsen, Martin, assignor of one-fourth to M. Cannell, Casmalia, Calif. Pocket match safe. 1,444,748; Feb. 6.
Madsen, Mathias O. S., Aarhus, Denmark. Automatic gas meter. 1,441,441; Jan. 9.
Madsen, Mathias O. S., assignor to O. K. Heesch, Aarhus, Denmark. Automatic electric meter. 1,463,170; July 31.
Madsen, Peder C., Granada, Minn. Post puller. 1,452,205; Apr. 17.
Madsen, Rudolph, Klamath Falls, Oreg. Washing machine. 1,459,835; June 26.
Madsen, Sern, Clinton, Iowa. Cutting device for woodworking tools. 1,451,995; Apr. 17.
Madson, Ole, Ferndale Township, Whatcom County, Wash. Garden weeder. 1,454,326; May 8.
Mady, Harold M. (See Day, Robert G., assignor.)
Maeda, Rinsai, Seattle, Wash. Fishhook. 1,468,572; Sept. 18.
Maegly, George B., Houston, Tex. Pump. 1,450,215; Apr. 3.
Maegly, George B., Kansas City, Mo., assignor to Stromberg Motor Devices Company, Chicago, Ill. Liquid pump for hydrocarbon motors. 1,448,757; Mar. 20.
Maegly, George B., Kansas City, Mo., assignor to Stromberg Motor Devices Company, Chicago, Ill. Carburetor. 1,465,449; Aug. 21.
Maehler, Arthur, Chicago, Ill. Means for ventilating drying ovens. 1,451,883; Apr. 17.
Maeulen, Frederick, Rahway, and G. L. Van Allen, Newark, N. J., assignors to Baker & Company, Inc. Mount for artificial teeth. 1,442,081; Jan. 16.
Maeulen, Frederick, Rahway, and G. L. Van Allen, Newark, N. J., assignors to Baker & Company, Inc. Anchorage for artificial teeth. 1,463,900; Aug. 7.
Magaldi, Emilio, Naples, Italy. Shoe. 1,443,270; Jan. 23.
Magann, Douglas P., assignor of one-half to D. E. Argenbright, Roanoke, Va. Dishwashing machine. 1,477,068; Dec. 11.
Magda, John, Omaha, Nebr. Clutch. 1,444,158; Feb. 6.
Magdziarz, George F. (See Zommer, W. P., and Magdziarz.)
Magee, Chauncey L. C., Chicago, Ill. Friction brake mechanism. 1,476,367; Dec. 4.
Magee, Frederick W., assignor of one-half to T. W. Baker. London, Ontario, Canada. Water heater. 1,457,890; June 5.
Magee Furnace Company. (See Wiley, Clarence F., assignor.)
Magee, William H., Wheeling, W. Va. Glass dish. Des. 62,228; Apr. 17.
Magee, William H., Wheeling, W. Va. Fruit dish. Des. 62,229; Apr. 17.
Magee, William H., Wheeling, W. Va. Glass dish. Des. 62,404; May 22.
Maggi, Ferdinand F., New York, N. Y. Waiter's tray. 1,448,558; Mar. 13.
Magidson, Phelix B. (See Scott, W. R., Dubinski, and Magidson.)
Magie, Morton H., Los Angeles, assignor of one-half to C. H. Ruth, Huntington Park, Calif. Tool-feeding means for drilling rigs. 1,442,230; Jan. 16.
Magill, Joseph, and J. R. Duerling, Baltimore, Md. Shopping bag. 1,448,693; Mar. 13.
Maginn, E. F., et al. (See Owen, Robert H., assignor.)
Maginnes, Joseph R., Sandy City, Utah. Scraper. 1,471,178; Oct. 16.
Maginnis, Patrick. (See Gunderson, George H., assignor.)
Magnavox Company. (See Pridham, E. S., and Jensen, assignors.)
Magnetic Manufacturing Company. (See Dings, Alvin, assignor.)
Magnetic Signal Co. (See Morse, Mark S., assignor.)
Magno Storage Battery Corporation. (See Meyer, S. M., and James, assignors.)
Magnum Import Co. (See Schoenbrun, Arthur, assignor.)
Magnus Electric Company. (See Hertzberg, Harry, assignor.)
Magnuson X-Ray Company. (See McKenna, Raymond J., assignor.)

Magny, Daniel, Issoudun, France. Installation for the washing and combing of pigs' bristles. 1,450,325; Apr. 3.
Magny, Daniel, Issoudun, France. Machine for setting and mixing pig bristles. 1,457,783; June 5.
Magrady, Joseph J., Chicago, Ill. Platform-scale foundation. 1,455,798; May 22.
Magrady, Joseph J., Chicago, Ill. Adjustable locking and sealing device for use on scales. 1,473,352; Nov. 6.
Magrady, Joseph J., Chicago, Ill. Platform scale. 1,474,681; Nov. 20.
Magrath, Arthur C., Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Operating mechanism for crossbar line switches. 1,465,361; Aug. 21.
Magrath, George H., Whitinsville, Mass. Bobbin clutch. 1,457,226; May 29.
Magrath, George H., Whitinsville, Mass. Bobbin clutch. 1,478,789; Dec. 25.
Maguin, Abel, Paris, France, assignor to Societe Nouvelle des Etablissements Alfred Maguin, Aubervilliers, Seine, France. Drum root cutter with a horizontal axis. 1,452,124; Apr. 17.
Maguire, Frederick G., et al., executors. (See Davidson, Samuel C.)
Magwood, John C. P., London, England. Apparatus for playing race games. 1,469,657; Oct. 2.
Mahan, George H., assignor to Atlas Oil Burner Company, Chicago, Ill. Oil burner. 1,472,929; Nov. 6.
Mahan, Harry E. (See Binnington, J. G., and Mahan.)
Maher, Michael, Bay City, Mich. Boiler-tube cutter. 1,457,258; May 29.
Mah-Jong Company of China, The. (See Hager, Albert R., assignor.)
Mahlmann, Sophy, Baltimore, Md. Eye shade. 1,471,967; Oct. 23.
Mahlstedt, George H., et al. (See Fry, Patrick H., assignor.)
Mahnken, William R., New York, N. Y. Bottle appliance. 1,446,474; Feb. 27.
Mahnoke, Hans, Colorado Springs, Colo., assignor to The Wood Products Company. Extension table. 1,477,069; Dec. 11.
Mahon, Howard C., East Liverpool, Ohio. Anchoring device. 1,455,641; May 15.
Mahoney, Daniel H., North Bend, Ohio. Tie-loading machine. 1,468,315; Sept. 18.
Mahoney, Harold F., Schenectady, N. Y. Flagstaff holder. 1,467,621; Sept. 11.
Mahoney, Jeremiah L., New Haven, Conn., assignor to Goodyear's India Rubber Glove Manufacturing Company. Tubing machine. 1,453,852; May 1.
Mahoney, John J., Taunton, Mass. Double-acting faucet. 1,478,289; Dec. 18.
Mahoney, John M., Houston, Tex. Still. 1,455,642; May 15.
Mahoney, Raymond, Philadelphia, Pa. Safety device for ladders. 1,450,694; Apr. 3.
Mahoney, Thomas J., Colorado Springs, Colo. Marble shooter. 1,451,230; Apr. 10.
Mahoney, Timothy J., Los Angeles, Calif. Navigation. 1,445,839; Feb. 20.
Mahony, William F., Washington, D. C. Eye shade. 1,452,305; Apr. 17.
Mahr, Julius A., Minneapolis, Minn. Supplemental cover for baby-carriage hoods. 1,470,630; Oct. 16.
Mahr, Julius A., Minneapolis, Minn. Detachable sleigh runner for baby carriages. 1,472,880; Nov. 6.
Mahr, Julius A., assignor to Mahr Manufacturing Company, Minneapolis, Minn. Liquid and gaseous fuel burner. 1,469,326; Oct. 2.
Mahr Manufacturing Company. (See Mahr, Julius A., assignor.)
Mai, Alfred, Munich, Germany. Making arsenical solutions. 1,456,509; May 29.
Maibrunn, Myron, New York, N. Y. Lamp bracket. 1,457,587; June 5.
Maiden, Leonard L., Detroit, Mich. Engine. 1,470,462; Oct. 9.
Maienschein, Carl A., Evansville, Ind. Shade and curtain bracket. 1,458,232; June 12.
Maier, Amelia M. (See Remmele, Louis J., assignor.)
Maier, August J., assignor to Dexter Manufacturing Company, Chicago, Ill. Picture hanger. 1,455,961; May 22.
Maier, Jacob, N. Lenz, and C. E. Radmer, Milwaukee, Wis. Cream separator for milk containers. 1,463,625; July 31.
Maier, Jacob E., N. Lenz, and C. E. Radmer, Milwaukee, Wis. Cream separator for milk containers. 1,445,527; Feb. 13.
Maier, Jacob H., Brooklyn, N. Y. Watch stand and night light. 1,442,896; Jan. 23.
Maier, John, St. Louis, Mo. Crimping machine. 1,442,693; Jan. 16.
Maier, John D., Charlestown, Md. Tobacco pipe. 1,478,976; Dec. 25.
Maier, William, St. Louis, Mo. Clutch. 1,456,324; May 22.
Mail Receptacle Company, The. (See Murphy, Thomas F., assignor.)
Maillard, Joseph E. B., Coulombs, France. Powder puff. 1,452,470; Apr. 17.
Mailloux, John, McIntosh, Minn. Potato checkrow planter. 1,444,127; Feb. 6.
Mailman, Maurice, Cleveland, Ohio. Milk-bottle cap. 1,449,768; Mar. 27.
Maimin, David S., New York, N. Y., and T. Veitch, Englewood, N. J., assignors to H. Maimin Company, Inc. Controlling sewing-machine motors. 1,449,828; Mar. 27.
Maimin, H., Co. (See Maimin, H., and Freddy, assignors.)
Maimin, H., Company, Inc. (See Maimin, D. S., and Veitch, assignors.)
Maimin, Hyman, New York, N. Y. Mounting for sewing-machine motors. 1,455,345; May 15.
Maimin, Hyman, New York, N. Y. Motor drive for sewing machines. 1,460,070; June 26.
Maimin, Hyman, and A. Freddy, New York, N. Y., assignors to H. Maimin Co., Inc., Presser-foot latch. 1,462,650; July 24.
Main Belting Company. (See Bradshaw, William H., assignor.)
Maine Manufacturing Company. (See Ames, F. C., and Merrill.)
Maine, Roy D., assignor of one-third to J. W. Jones, Denver, Colo. Potato peeler. 1,444,975; Feb. 13.
Maines, Walter E., Berlin, N. H. Hot-water heating system. 1,441,818; Jan. 9.
Mainland, John., assignor to Advance-Rumely Company, Laporte, Ind. Automatic weigher. 1,467,802; Sept. 11.
Mainwaring, John W., Brooklyn, N. Y. Piston-ring holder. 1,452,518; Apr. 24.
Mains, Gerald H. (See Phillips, M., and Mains.)
Mainzinger, Harry O., assignor to Whitehead and Kales Co., Detroit, Mich. Vehicle wheel. 1,454,245; May 8.
Maise, Herman C., Springfield, Mass., assignor, by mesne assignments, to Edward G. Budd Manufacturing Company. Door buffer. 1,453,364; May 1.
Maise, Herman C., assignor to Briggs Manufacturing Company, Detroit, Mich. Vehicle body. 1,459,159; June 19.
Maisey, Charles. (See Johnson, H. A., and Maisey.)
Maison Detilleux, Société Anonyme. (See Brunet, Maurice, assignor.)
Maitland, Harold T., Sharon Hill, assignor to Sun Oil Company, Philadelphia, Pa. Apparatus for treating oils. 1,450,326; Apr. 3.
Majestic Company, The. (See Redrup, William D., assignor.)
Majestic Company, The. (See Triggs, James M., assignor.)
Majestic Electric Development Company. (See Brown, E. N., and Lambert, assignors.)
Majestic Electric Development Company. (See Richardson, Earl H., assignor.)
Majestic Machine & Tool Co. (See Kasdan, N., and Pollack, assignors.)
Majewski, Joseph M., jr., Kansas City, Mo. Automatic band-saw filing and setting machine. 1,457,588; June 5.
Majik Electric Appliance Company. (See Coleman, George B., assignor.)
Majka, Steve, and P. Borowsky, Dover, N. H. Station indicator. 1,457,378; June 5.
Major, Adolphe D. (See Steffee, William H., assignor.)
Major, Malcolm G., assignor to Advertisers' Art Studios, Inc., Washington, D. C. Letter sheet. Re15,567; Mar. 27.
Majors Oxford College. (See Majors, Walter L., assignor.)
Majors, Walter L., assignor to Majors Oxford College, St. Louis, Mo. Machine for the treatment of the scalp and hair. 1,466,629; Aug. 28.
Makaroff, Wadim S., assignor to The Ford Instrument Company, Inc., New York, N. Y. Means to indicate the angular speed of moving objects. 1,464,208; Aug. 7.
Makepeace, John F., Sanford, N. C. Sash weight. 1,463,126; July 24.
Makepeace, Stanley, assignor to Castalia Gardens, Inc., Milwaukee, Wis. Roller coaster. 1,463,137; July 24.
Maker, Fred S., Seekonk, Mass., and R. K. Maker, assignors to Ideal Jewelry Manufacturing Company, Providence, R. I. Bar pin and making the same. 1,442,815; Jan. 23.
Maker, Ralph K. (See Maker, Fred S. and R. K.)
Makinson, Roy G., Butte, Mont. Smoke-consuming device. 1,466,181; Aug. 28.
Makower, Dave, San Francisco, Calif. Camera support. 1,457,982; June 5.
Makowiecki, Wladyslaw, Philadelphia, Pa. Bomb thrower. 1,473,490; Nov. 6.
Makowski, Peter, Chicago, Ill. Automatic clutch-shifting mechanism for washing machines. 1,462,974; July 24.
Maladry, Henri J., Paris, France. Gas-heated water-heating apparatus. 1,473,859; Nov. 13.
Malaier, Herman E., and F. R. Clark, jr., Rock Mart, Ga. Automatic boiler feeder. 1,475,076; Nov. 20.
Malan, Gordon T., assignor to A. Mecky Company, Philadelphia, Pa. Coaster brake with back-pedaling device. 1,471,274; Oct. 16.
Malasky, Peter, assignor of one-half to L. Sawulchik, Detroit, Mich. Nut and bolt lock. 1,468,120; Sept. 18.
Malatesta, Louis. (See Crescio, Louis C., assignor.)
Malberti, Felix, Mellen, Wis. Automobile bumper. 1,449,339; Mar. 20.
Malby, Seth G., Derby, Conn. Pocketknife. 1,449,618; Mar. 27.

Malcolm, Alfred A. C., Brookline, Mass. Girdle. 1,445,840; Feb. 20.
Malcolm, Horace C., assignor of one-half to Arthur B. Colingham, Spokane, Wash. Automobile brake. 1,444,199; Feb. 6.
Malcolm, John A., Cape Town, South Africa. Building block. 1,441,362; Jan. 9.
Malcom, Robert. (See Peterson, Gust A., assignor.)
Malcom, Robert, Chicago, Ill. Eye protector. 1,440,691; Jan. 2.
Malcom, Robert, Chicago, Ill. Respirator. 1,453,365; May 1.
Malcom, Robert, Chicago, Ill. Eye protector. 1,454,327; May 8.
Malcom, Robert, Chicago, Ill. Eye protector. 1,471,562; Oct. 23.
Male, Courtney T., Schenectady, N. Y. Universal fixture. 1,461,668; July 10.
Malécot, Lucien, Grand Croix, France. Washer for classifying coal, minerals, or the like. 1,462,418; July 17.
Malette, George A., San Diego, Calif. Internal-combustion engine. 1,475,641; Nov. 27.
Malewig, Peter, and J. Wallace, Chicago, Ill. Typographic numbering machine. 1,470,278; Oct. 9.
Maley, Alfred W., West Bromwich, England. Brake for tramway and railway rolling stock. 1,459,788; June 26.
Malia, Martin A., Thompsonville, Conn. Lunch-room chair. Des. 62,577; June 26.
Maliha, Ernest, Brooklyn, N. Y. Combination cabinet. 1,447,623; Mar. 6.
Malivert, Jules E., assignor to the Societe Anoyme des Appareils J. E. Malivert, Paris, France. Vaporizer for liquid-fuel burners. 1,458,891; June 12.
Malivert, Jules E., assignor to Societe Anonyme des Appareils J. E. Malivert, Paris, France. Reheating device for soldering irons. 1,472,729; Oct. 30.
Malkin, John E., New York, N. Y. Stone-suspension device. 1,460,388; July 3.
Mallalieu, Emile, Rossal Beach, England. Flier of textile machines. 1,468,243; Sept. 18.
Mallan, George, Troy, Mo. Operating attachment for lift pumps. 1,459,632; June 19.
Mällberg, Gustaf L., Vasteras, Sweden. Method of and arrangement for cutting off ingot blocks. 1,458,428; June 12
Malleable Iron Fittings Company. (See Brandriff, Daniel, assignor.)
Malleable Iron Fittings Company. (See Pickop, George B., assignor.)
Malleable Iron Range Company. (See Lieser, Gilbert A., assignor.)
Mallery, Arlington H., Syracuse, N. Y. Heater. 1,471,519; Oct. 23.
Malleson, Thomas E., Brooklyn, N. Y., assignor to Montague City Rod Company, Montague City, Mass. Fishing reel. 1,463,828; Aug. 7.
Mallett, Charles S., Toronto, Ontario, Canada. Shade holder. 1,458,233; June 12.
Mallett, Charles S., O. E. Forrest, and D. Monie, assignors to The Canadian General Electric Co. Ltd., Toronto, Ontario, Canada. Electrical fuse plug. 1,478,752; Dec. 25.
Mallett, John L., et al. (See Robinson, R. M., and Bradley, assignors.)
Malligan, Joseph, and C. R. Lytle, Point Marion, Pa. Clutch band. 1,477,577; Dec. 18.
Mallina, Rudolf, Sao Paulo, Brazil. Bookmark. 1,469,163; Sept. 25.
Mallinckrodt Chemical Works. (See Mallinckrodt, Edward, jr., assignor.)
Mallinckrodt, Edward, jr., assignor to Mallinckrodt Chemical Works, St. Louis, Mo. Purifying and packaging ether. 1,461,539; July 10.
Mallinckrodt, Philip H., Salt Lake City, Utah. Ledger holder for posting. 1,446,624; Feb. 27.
Malloch, Sidney R. M., Philadelphia, Pa. Collapsible shipping crate. 1,442,627; Jan. 16.
Mallory, Aaron L., Atlanta, Ga. Corn eradicator. 1,477,274; Dec. 11.
Mallory, George P. (See Ruckert, H. E., and Mallory.)
Mallory, George P., assignor, by mesne assignments, to Sanitary Products Corporation of America, Philadelphia, Pa. Apparatus for making paper spoons and other flat paper utensils. Re15,517; Jan. 2.
Mallory, Harry C., Bellport, N. Y. Automatic temperature-controlling means. 1,452,748; Apr. 24.
Mallory, Harry C., Belleport, assignor, by mesne assignments, to American Radiator Company, New York, N. Y. Producing corrugated, expansible collapsible elements. 1,456,069; May 22.
Mallory Hat Company. (See Reynolds, Ralph K., assignor.)
Mallory, John W., and W. M. Johnston, Grand Saline, Tex. Clamp bolt. 1,457,182; May 29.
Mallory, Lester W., Junction City, Oreg. Vehicle. 1,456,989; May 29.
Mallory, Marion, assignor of one-fifth to T. Walker and two-fifths to W. L. Romaine, Milwaukee, Wis. Ignition system. 1,442,489; Jan. 16.
Malloy, Angus P., jr., Seattle, Wash. Shock absorber. 1,454,973; May 15.
Malloy, Angus P., jr., Seattle, Wash. Oar lock. 1,464,390; Aug. 7.
Malloy, Leo W. (See Dolan, William J., assignor.)
Malloy, Patrick F., Milwaukee, Wis. Railway ticket. 1,461,926; July 17.
Malluk, Assad M., and J. U. Koree, New York, N. Y. Lockable cover for automobile fuel tanks. 1,447,260; Mar. 6.
Malluk, Assad M., and J. U. Korée, assignors to International Patent Investment Corporation, New York, N. Y. Resilient bumper for motor vehicles. 1,457,259; May 29.
Malm, Axel C. V., Lansdowne, Pa., assignor to E. W. Bliss Company, Brooklyn, N. Y. Platen for vulcanizing presses. 1,443,189; Jan. 23.
Malman, Nikolay, San Francisco, Calif. Resilient wheel. 1,446,053; Feb. 20.
Malmquist, Adolph K., assignor to Deming & Gould Company, South Bellingham, Wash. Testing instrument. 1,476,904; Dec. 11.
Malocsay, Francis X., assignor to International Banding Machine Company, New York, N. Y. Cigar-feeding device. 1,444,031; Feb. 6.
Malocsay, Francis X., assignor to International Banding Machine Company, New York, N. Y. Cigar band. 1,477,144; Dec. 11.
Malon, Katheryne P., Chicago, Ill. Press. 1,454,128; May 8.
Malone, Adolph W., Fredonia, Kans. Providing anchorages. 1,449,236; Mar. 20.
Malone, Edward T., Lackawanna, N. Y. Hand truck. 1,465,676; Aug. 21.
Malone, Ernest J., assignor to Troy Laundry Machinery Co. Ltd., Chicago, Ill. Swing joint. 1,460,105; June 26.
Malone, Ira E., Beeville, Tex. Fishgig. 1,457,983; June 5.
Malone, James P., Pittsburgh, Pa. Vacuum cleaning apparatus. 1,458,720; June 12.
Malone, Raymond M., Milwaukee, Wis. Dumping apparatus. 1,443,493; Jan. 30.
Maloney, Daniel, assignor to The Bauer Brothers Company, Sprinfigeld, Ohio. Method of and apparatus for treating cottonseed. 1,474,374; Nov. 20.
Maloney, Edward J., Long Island City, assignor of one-half to E. J. Hession, New Yor, N. Y. Flowerpot saucer. 1,447,801; Mar. 6.
Maloney, Matthew J. (See Weigand, John J., assignor.)
Maloney, Thomas J., St. Louis, Mo. Chandelier. Des. 63,653; Dec. 25.
Maloney, William A., Newton, Mass. Detachable rubber heel. 1,466,407; Aug. 28.
Malonyay, Joseph, Debrecen, Hungary. Power-operated plow or other agricultural implement. 1,458,661; June 12.
Malouf, Abraham M. and F. M., Brooklyn, N. Y. Garter. 1,454,754; May 8.
Malouf, Fred M. (See Malouf, Abraham M. and F. M.)
Malovich, Franjo, Chicago, Ill. Cabinet. Des. 62,240; Apr. 24.
Maloy, James P., assignor to Chicago Engineer Supply Company, Chicago, Ill. Cutter head. 1,449,237; Mar. 20.
Malsbary, Harry R., assignor of one-half of F. S. Thomas, Frankfort, Ind. Split-rim lock and release. 1,441,235; Jan. 9.
Malsin, Albert, et al. (See Weinstein, William, assignor.)
Maltby, Arthur T., Chicago, Ill. Resilient wheel for vehicles. 1,470,089; Oct. 9.
Maltby, Julius, assignor to Waterbury Buckle Co., Waterbury, Conn. Buckle. 1,440,399; Jan. 2.
Maltby, Julius, assignor to Waterbury Buckle Co., Waterbury, Conn. Strap buckle. 1,450,509; Apr. 3.
Malvern, Edmund N., Burlington Junction, Mo. Chain connector. 1,469,164; Sept. 25.
Malzahn, Robert, West Bend, Wis. Pocketbook. 1,454,246; May 8.
Mamaux, Harry O., Pittsburgh, Pa. Padded roll. 1,445,700; Feb. 20.
Mamiya, Katsusaburo, Ohito, Japan. Indicating mechanism for strong boxes and safes. 1,465,362; Aug. 21.
Manahan, Michael J., Indianapolis, Ind. Door and window shade and curtain clamp. 1,476,164; Dec. 4.
Manbert, Calvin R., assignor to California Car Company, Oakland, Calif. Center drive for gasoline-propelled cars. 1,462,713; July 24.
Manby, Bertram C., Brisbane, Queensland, Australia, assignor to C. E. Manby, Carnegie, Pa. Means for eliminating friction between the laminations of leaf springs. 1,465,991; Aug. 28.
Manby, Charles E. (See Manby, Bertram C., assignor.)
Manchester, Clifford S., Oceanpark, Calif. Heater. 1,447,029; Feb. 27.
Manchester, Henry C., Scranton, Pa. Oil cup for crosshead guides. 1,470,176; Oct. 9.
Manchester, John, North Loup, Nebr. Poultry perch. 1,469,441; Oct. 2.
Mandalian, Sahatiel G., North Attleboro, Mass. Ornamental rope. 1,464,720; Aug. 14.
Mandalian, Sahatiel G., North Attleboro, Mass. Girdle. Des. 62,998; Sept. 4.
Mandalian, Sahatiel G., North Attleboro, Mass. Lamp shade. 1,468,865; Sept. 25.

Mandalian, Sahatiel G., North Attleboro, Mass. Girdle. 1,474,421; Nov. 20.
Mandel, Carl, San Francisco, Calif. Folding automobile bed. 1,457,984; June 5.
Mandel, Carl, San Francisco, Calif. Picture-retaining device for picture frames. 1,462,419; July 17.
Mander, Joseph D. (See Binns, William, assignor.)
Mandeville, Paul, Chicago, Ill. Storage building. 1,452,306; Apr. 17.
Mandley, Joseph I. Chelan Falls, Wash. Fruit-cutting device. 1,444,976; Feb. 13.
Maneeley, Francis J. (See Roessley, Bernard E., assignor.)
Manell Building Block & Tile Company, The. (See Eisenmann, John, assignor.)
Maney, Thomas, Louisville, Ky. Guard-rail fixture for railway tracks. 1,474,276; Nov. 13.
Mang, Edward B., Los Angeles, Calif. Dust cap. 1,456,245; May 22.
Mang, Gérard. (See Fournier, L., and Mang.)
Manger, Frederick W., Newark, N. J. Baby walker. 1,475,442; Nov. 27.
Manges, Duff G. (See Swan, E. D., and Manges.)
Mangiapane, Salvatore, et al. (See Merli, C., and Bertolini, assignors.)
Mangin, Henri, Armentieres, France. Joints extensible and retractable in all directions for movable platforms without interruption of continuity. 1,475,077; Nov. 20.
Mangold, Anne M. (See Mangold, Harry W. and A. M.)
Mangold, Eli F., Dayton, Ohio. Bottle-washing machine. 1,441,290; Jan. 9.
Mangold, Harry W. and A. M., San Jose, Calif. Fly swatter. 1,465,523; Aug. 21.
Manhattan Electrical Supply Co. Inc. (See Baisley, Charles T., assignor.)
Manhattan-Rome Company. (See Sisbower, G. F., and Pittoni, assignor.)
Manier, Ralph L., Syracuse, N. Y. Air heater. 1,466,182; Aug. 28.
Manierre, George, Milwaukee, Wis. Car unloader. 1,440,400; Jan. 2.
Mani-Fold Company, The. (See Mayer, George A., assignor.)
Manifold Impressions Corporation. (See Cossitt, Malcolm L., assignor.)
Mankey, William A., Lyon Park, Va. Toy vehicle of the tricycle type. 1,466,476; Aug. 28.
Manlet, Peter L., assignor of one-fourth to E. G. Krahmer, St. Paul, Minn. Auto steering-wheel lock. 1,444,977; Feb. 13.
Manley & Barlow. (See Cherry, Lester A., assignor.)
Manley, Frederick B. (See Hines, W. A., and Manley.)
Manley, Frederick T., Houston, Tex., assignor to The Texas Company, New York, N. Y. Cracking hydrocarbon oils. 1,462,143; July 17.
Manley, Robert E., York, Pa. Jack. 1,448,853; Mar. 20.
Manly, Charles M., Richmond Hill., N. Y., and J. McGlashan, assignors to Martin-Parry Corporation, York, Pa. Vehicle body construction. 1,472,128; Oct. 30.
Mann, Bertram H., St. Louis, Mo. Traffic chart and charting. 1,443,233; Jan. 23.
Mann, Bertram H., St. Louis, Mo. Method and chart for determing time-tables. 1,443,234; Jan. 23.
Mann, J. A. (See Reed, George E., assignor.)
Mann, Joseph S., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Shuttle-guide block for narrow-ware looms. 1,469,844; Oct. 9.
Mann, Julius, New York, N. Y. Lock. 1,457,985; June 5.
Mann, Leon, Mount Vernon, and M. Koppelman, Brooklyn, N. Y. Packing unit for and method of packing fragile articles. 1,445,779; Feb. 20.
Mann, Leon, Mount Vernon, and M. Koppelman, Brooklyn, N. Y. Packing for eggs and other fragile articles. 1,445.780; Feb. 20.
Mann, Leon, Mount Vernon, and M. Koppelman, Brooklyn, N. Y., assignors to Holed Tite Egg Packing Corporation. Carton for fragile articles. 1,473,635; Nov. 13.
Mann, Matthew D., jr., Roselle, N. J., assignor, by mesne assignments, to S. B. Hunt, trustee, Mount Kisco, N. Y. Means for dehydrating alcoholic liquids. 1,452,206; Apr. 17.
Mann, Miles H., Terre Haute, Ind., assignor, by mesne assignments, to Remington Arms Company, Inc., New York, N. Y. Money-paying machine. 1,466,239; Aug. 28.
Mann, Mitchell R., assignor to J. J. Ross, Portland, Oreg. Separator. 1,466,310; Aug. 28.
Mann, Nelson E., assignor to Landers, Frary & Clark, New Britain, Conn. Curling iron. 1,469,047; Sept. 25.
Mann, William J. N., Muswell Hill, London, England. Apparatus for washing crockery and other domestic utensils. 1,464,436; Aug. 7.
Manners, Frederick G., Trenton, N. J. Perfume container. Des. 61,917; Feb. 6.
Mannesmannröhren-Werke. (See Steinecke, Fritz, assignor.)
Manning, Bowman & Company. (See Savage, George E. assignor.)
Manning, Bowman & Company. (See Warner, Maurice L., assignor.)
Manning, Bowman & Company. (See Wilkinson, Louis H., assignor.)
Manning, Ebenezer H., Elkhart, Ind. Wind turbine. 1,466,026; Aug. 28.
Manning, Edward T., New London, Conn. Apparatus for peening packing rings. 1,445,150; Feb. 13.
Manning, Fred W., Brooklyn, N. Y. Filter. 1,459,836; June 26.
Manning, Fred W., Chicago, Ill. Drainage plate for filters. 1,470,463; Oct. 9.
Manning, Fred W., Brooklyn, N. Y., assignor to Manning Refining Equipment Corporation. Method and apparatus for treating materials for filtering, decolorizing, and similar purposes. 1,473,491; Nov. 6.
Manning, Fred W., Brooklyn, N. Y., assignor to Manning Refining Equipment Corporation. Revivifying finely-divided fuller's earth, bone char, and the like. 1,475,502; Nov. 27.
Manning, Frederick C., et al. (See Erickson, Albert, assignor.)
Manning, Howard H., Meadville, Pa. Cutter-head attachment. 1,472,565; Oct. 30.
Manning, Levi H., Tucson, Ariz. Treating hydrocarbon oils. 1,462,068; July 17.
Manning, Levi H., Tucson, Ariz. Apparatus for treating hydracarbon oils. 1,462,069; July 17.
Manning, Maxwell & Moore, Inc. (See Crocker, Ernest B., assignor.)
Manning, Maxwell & Moore, Inc. (See Graesser, Carl H., assignor.)
Manning, Maxwell & Moore. (See Williston, Belvin T., assignor.)
Manning, Maxwell & Moore, Inc. (See Wood, Augustus, assignor.)
Manning Refining Equipment Corporation. (See Manning, Fred W., assignor.)
Manning, Robert M., Hewitt, Okla. Stopcock. 1,450,861; Apr. 3.
Manning, Rollo G., Ambridge, Pa. Rail clamp. 1,470,090; Oct. 9.
Manning, Stephen W., Altoona, Pa. Follower ring. 1,455,643; May 15.
Manning, Warren H., Billerica, Mass. Surveying instrument. 1,448,931; Mar. 20.
Mannowski, Walter, Berlin-Nowawes, Germany, assignor to the Firm Ditta "Rema", Milan, Italy. Apparatus for displaying advertisements. 1,457,666; June 5.
Manns, Walter H., Chicago, Ill. Motor meter. 1,441,363; Jan. 9.
Manock, Julius C., Angiola, Calif. Auxiliary-tire carrier. 1,455,118; May 15.
Manock, Julius C., Angiola, Calif. Securing means for spare tires. 1,455,119; May 15.
Manrow, Nathan W., Goshen, Ind. Register support and border. 1,462,607; July 24.
Mansbendel, Fritz P., Brooklyn, N. Y. Electric motor. 1,464,184; Aug. 7.
Mansbendel, Fritz P., Brooklyn, assignor to Ultra Earphone Co. Inc., New York, N. Y. Electrical coupling. 1,474,975; Nov. 20.
Mansel, Paul, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Synchronizer for secondary clocks. 1,476,261; Dec. 4.
Mansel, Paul, Berlin-Charlottenburg, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Time stamp. 1,477,972; Dec. 18.
Mansfield, Alfred, Victoria, British Columbia, Canada. Fuel-saving device for domestic stoves and ranges. 1,456,898; May 29.
Mansfield, Frank J. (See Gifford, Arthur G., assignor.)
Mansfield, Frank W., Canton, Mass. Stop motion for braiding machines. 1,467,551; Sept. 11.
Mansfield, Warren M. (See Henry, R., and Mansfield.)
Manshel, Charles, Newark, N. J. Ticket stamping and printing machine. 1,463,829; Aug. 7.
Mansmith, Chauncy I. (See Staley, E. H., and Mansmith.)
Manson, Leon B. (See Barany, E. R., and Manson.)
Manson, Ray H., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Desk stand. 1,453,247; May 8.
Manss, Walter A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Blue sulphur dye. 1,471,854; Oct. 23.
Manta, Joseph A., Provincetown, Mass. Crossing signal. 1,463,127; July 24.
Mantha, William L., Bayport, N. Y. Adjustable holder for turning crank shafts. 1,451,078; Apr. 10.
Mantha, William L., Bayport, N. Y. Apparatus for truing hub-flange seats. 1,471,795; Oct. 23.
Manthei, Arthur, assignor to Kewaskum Aluminum Company, Kewaskum, Wis. Buffing machine. 1,444,475; Feb. 6.
Mantle Lamp Company of America, The. (See Johnson, Victor S., assignor.)
Manufacturers Chemical Company. (See Harrison, George H., assignor.)
Manufacturing Company of America. (See Wootten, Charles T., assignor.)
Manufacturing Engineers, Inc., The. (See Thurber, Luman T., assignor.)
Manufacturing Equipment & Engineering Company. (See Leland, Sanford D., assignor.)

Manville, E. J., Machine Company, The. (See Smith, Henry L., assignor.)
Manville, Keith R., Hempstead, N. Y., assignor to International Motor Company, New York, N. Y. Control device for gear-shifting mechanism. 1,466,453; Aug. 28.
Manville, Keith R., Brooklyn, assignor to International Motor Company, New York, N. Y. Rocker-arm mounting for internal-combustion engines. 1,469,480; Oct. 2.
Manville, Keith R., Brooklyn, assignor to International Motor Company, New York, N. Y. Governor cam-shaft brake. 1,476,454; Dec. 4.
Manwaring, Albert H., assignor of one-half to R. A. Manwaring, Noble, Pa. Brake. 1,474,537; Nov. 20.
Manwaring, Roy A. (See Manwaring, Albert H., assignor.)
Manz, Merrill W., and S. S. Matthes, assignors to The Ohio Brass Company, Mansfield, Ohio. Support for conductors. 1,448,141; Mar. 13.
Manzel, Charles W., Buffalo, N. Y., assignor to The Bassick Manufacturing Company, Chicago, Ill. Lubricating system. 1,459,662; June 19.
Mapel, Lewis A., assignor to Automatic Appliance Company, St. Louis, Mo. Controlling device. 1,445,841; Feb. 20.
Mapel, Lewis A., assignor to The Automatic Appliance Company, St. Louis, Mo. Equipment for indicating. instruments. 1,445,842; Feb. 20.
Mapel, Lewis A., assignor to The Automatic Appliance Company, St. Louis, Mo. Indicating device. 1,465,768; Aug. 21.
Mapes, James L., Jersey Shore, Pa. Differential drive for motor vehicles. 1,475,307; Nov. 27.
Mapes, James R., Canaseraga, N. Y. Gun sight. 1,451,584; Apr. 10.
Maple, Harry C., assignor of one-half to E. Wilson, Indianapolis, Ind. Lawn or hedge trimmer. 1,441,014; Jan. 2.
Maple, Roy H., assignor to R. H. Maple Co., Indianapolis, Ind. Self-soldering circuit breaker. 1,478,481; Dec. 25.
Maple, Roy H., assignor to Roy H. Maple Co., Indianapolis, Ind. Thermal electric cut-out. Re15,562; Mar. 13.
Maple, Roy H., Co. (See Maple, Roy H., assignor.)
Maples, Lawrence, Toledo, Ohio. Washing machine. 1,446,980; Feb. 27.
Marable, William T., El Centro, Calif. Cotton chopper. 1,468,244; Sept. 18.
Maraffi, Emilio A., Bridgeport, Conn. Collapsible-tube holder and content ejector. 1,460,204; June 26.
Maranville, Harvey F., assignor to The Firestone Tire and Rubber Company, Akron, Ohio. Apparatus for the preparation of tire beads. 1,451,169; Apr. 10.
Maranville, Harvey F., Akron, assignor of one-third to C. Girl, Cleveland, and one-third to E. W. Farr, Lakewood, Ohio. Window frame for curtains and like articles. 1,478,447; Dec. 25.
Marathon Electric Mfg. Co. (See Kimble, Austin, assignor.)
Marble, B. L., Chair Company. (See Pettibone, Arthur D., assignor.)
Marble, Charles C., Bradentown, Fla. Tire attachment. 1,473,680; Nov. 13.
Marble, Louis M., Canton, Pa. Garment hanger. 1,477,973; Dec. 18.
Marble, William B., Los Angeles, Calif., assignor to Southern Glass Company. Bottle. Des. 62,303; May 1.
Marble, William B., Los Angeles, Calif., assignor to Southern Glass Company. Bottle. Des. 62,784; July 31.
Marble, William B., Los Angeles, Calif., assignor to Southern Glass Company. Bottle. Des. 62,785; July 31.
Marble, William B., Los Angeles, Calif., assignor to Southern Glass Company. Bottle. Des. 62,999; Sept. 4.
Marble, William F., Haverhill, Mass. Clamp. 1,474,908; Nov. 20.
Marburg Brothers, Inc. (See Messer, Adolf, assignor.)
Marburg Brothers, Inc., et al. (See Hirtschulz, Kurt, assignor.)
Marbury, Ralph E., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Bearing for coil regulators. 1,469,231; Oct. 2.
Marceau, Alfred, Brooklyn, N. Y. Routing head. 1,465,226; Aug. 14.
Marcello, Frank A., assignor of four-tenths to J. Franchi, St. Paul, Minn. Polishing machine. 1,461,708; July 10.
March, Brando, Delmont, Pa. Pendant-cord switch. 1,475,128; Nov. 20.
March, Kate, Jefferson City, Tenn. Washboard. 1,464,437; Aug. 7.
Marchand, Ludwig, Munich, Germany, assignor to The Guaranty Trust Company of New York, London, England. Kaleidoscopic projecting apparatus. 1,449,122; Mar. 20.
Marchand, Thomas E., Sacramento, Calif. Pencil-holding clip. 1,462,714; July 24.
Marchant Calculating Machine Company. (See Friden, Carl M. F., assignor.)
Marchant Calculating Machine Company. (See Johnston, Clarence L., assignor.)
Marchant, Rodney H. (See Bogard, Frank T., assignor.)
Marchetti, Pericles, Godoy, Santa Fe, Argentina, assignor to Sindicato Argentino Para La Explotacion de Inventos, Buenos Aires, Argentine Republic. Elastic wheel. 1,454,974; May 15.
Marciniak, Michael, assignor of one-half to M. W. Olszewski, Duluth, Minn. Occupant-steered sled. 1,453,153; Apr. 24.
Marconi, Louis. (See Asanio, S., and Marconi.)
Marcotte, George E., Chicago, Ill. Automatic weather stripping. 1,478,974; Dec. 25.
Marcum, Harve, Booneville, assignor of one-half to R. B. Roberts, Hazard, Ky. Grappling tongs. 1,457,445; June 5.
Marcus, Charles, New York, N. Y., assignor to Bijur Motor Appliance Company. Engine-starting apparatus. 1,445,903; Feb. 20.
Marcus, Charles L., New York, N. Y. Perfume container. Des. 63,000; Sept. 4.
Marcussen, Jacob S., Copenhagen, Denmark. Tabulator for typewriters. 1,470,464; Oct. 9.
Marcy, Frank E. (See Askin, T. B. H., and Ruggles, assignors.)
Marcy, Frank E., Los Angeles, Calif. Roller mill. Re15,620; June 5.
Marcy, Frank E., Los Angeles, Calif. Roller mill. Re15,621; June 5.
Marcy, Frank E., Los Angeles, Calif. Roller mill. Re15,622; June 5.
Marcy, Ira M., Chattanooga, Tenn. Differential gear. 1,448,670; Mar. 13.
Marczukowski, Aleksander, South Boston, Mass. Support for curtains, portières and the like. 1,449,123; Mar. 20.
Mardel, Charles M. (See Arnstein, H., and Mardel.)
Marden, Basil J. N., Liss, England. Steam generator. 1,475,589; Nov. 27.
Marden, Francis S. (See Adams, Comfort A., assignor.)
Mardis, Paul L. (See Hall, A. J., and Mardis.)
Mardus, Frederick H., Brooklyn, N. Y. Water shoe. 1,476,905; Dec. 11.
Mareau, Perry D., Binghamton, N. Y. Can lifter. 1,457,379; June 5.
Marengo, August. (See Marengo, Joseph and A.)
Marengo, August, Stockton, Calif. Trap. 1,478,238; Dec. 18.
Marengo, August and J., Stockton, Calif. Trap. 1,441,442; Jan. 9.
Marengo, Joseph. (See Marengo, August and J.)
Marengo, Joseph and A., Stockton, Calif. Swimming belt. 1,478,239; Dec. 18.
Mares, Edward J., Wilber, Nebr. Tool for removing poppet valves. 1,447,560; Mar. 6.
Marfisi, John, Omaha, Nebr. Pop-corn machine. 1,449,687; Mar. 27.
Marga, Uldarique A., Dieghem, Brussels, Belgium. Automatic firearm. 1,456,811; May 29.
Margason, Bert, Indianapolis, Ind. Adjustable pipe wrench. 1,464,287; Aug. 7.
Margelis, Anthony, Grand Rapids, Mich. Furniture clamp. 1,452,164; Apr. 17.
Margeson, Everett A., and C. D. Herrold, assignors to G. A. Margeson, San Jose, Calif. Automatic multiple-switch controlling machine. 1,449,619; Mar. 27.
Margeson, Gertrude A. (See Margeson, E. A., and Herrold, assignors.)
Margles, Samuel G., Brooklyn, N. Y., and C. W. E. Nienderff, assignors to Otis Elevator Company, Jersey City, N. J. Endless conveyer. 1,455,542; May 15.
Margolius, Ralph, Richmond, Va. Method of restoring or rejuvenating bale-tie bands. 1,476,346; Dec. 4.
Margotton, Pierre J. C., Niort, France. Tanning of hides and skins. 1,453,800; May 1.
Margraf, William, Brooklyn, N. Y. Pneumatic tire. 1,442,436; Jan. 16.
Marheine, Frederick W., Spokane, Wash. Baby wagon. 1,445,781; Feb. 20.
Marheine, Frederick W., Spokane, Wash. Convertible chair. 1,471,495; Oct. 23.
Marheine, Fredrick W., Spokane, Wash. Toy. 1,459,475; June 19.
Mariani, Randolph L., Philadelphia, Pa. Combined fan and lamp. 1,475,845; Nov. 27.
Mariani, Thomas, sr., assignor of one-half to P. Paris, Bayonne, N. J. Grape crusher. 1,447,995; Mar. 13.
Maries, Francis G., Kingston-on-Thames, England. Manufacture of solid plastic material from casein. 1,452,086; Apr. 17.
Marine Decking and Supply Co. (See Lee, William J., assignor.)
Marine Specialty Manufacturing Company. (See Hansen, Joseph, assignor.)
Maring, Albert, assignor to Maring Wire Company, Muskegon, Mich. Wire-enameling machine. 1,444,079; Feb. 6.
Maring Wire Company. (See Maring, Albert, assignor.)
Marino, Quintin, Hampstead, London, England. Metallizing articles. 1,452,281; Apr. 17.
Marinoni, Pietro, Milan, Italy. Piping for pressure fluids. 1,478,129; Dec. 18.
Marion, Edouard A., Paris, France. Ribbon-holding device. 1,470,631; Oct. 16.
Mark, Florence G., San Diego, Calif. Shoe-cleaning composition and process. 1,447,879; Mar. 6.
Mark, Louis, and P. Bialy, Portland, Oreg. Spring wheel. 1,457,538; June 5.
Mark Patent Company. (See Mark, W., and Parker, assignors.)

Mark, Thomas, et al. (See Brown, Robert B., assignor.)
Mark, Vennice H., Alta, Iowa. Drawbar for drags. 1,467,865; Sept. 11.
Mark, William, Wetheral, near Carlisle, and F. J. Parker, Carlisle, England, assignors to The Mark Patent Company, Limited, Weston, Bath, England. Trap for mice, rats, or other vermin. 1,452,087; Apr. 17.
Markem Machine Company. (See Putnam, Fred A., assignor.)
Markey, James. (See Irsch, J., and Markey.)
Markey, Peter L., Chicago, Ill. Necktie holder. 1,460,725; July 8.
Markham Air Rifle Company. (See Roe, Ernest S., assignor.)
Markland, Horace L., Waco, Tex. Arrangement and equipment for shoe-shining shops. 1,472,079; Oct. 30.
Markland, Mrs. Louisa. (See Robinson, Marion, assignor.)
Marko, Stephan, Chicago, Ill. Treating shale. 1,451,367; Apr. 10.
Markos, Gus W., Columbus, Ohio. Safety pin. 1,452,747; Apr. 24.
Markovich, Mike. (See Grgičević, Mijo, assignor.)
Markowitz, Philip W., Brooklyn, N. Y. Envelope. 1,456,325; May 22.
Marks, Henry, Chicago, Ill. Life-saving belts and the like. 1,446,099; Feb. 20.
Marks, Herbert E., Sewickley, Pa. Skylight. 1,450,557; Apr. 3.
Marks, Herbert E., Sewickley, Pa. Roof construction. 1,458,770; June 12.
Marks, Herbert E., Glen Osborne, Sewickley, Pa. Roof or floor construction. 1,466,056; Aug. 28.
Marks, Herbert E., Glen Osborne, Pa. Roof or floor construction. 1,475,349; Nov. 27.
Marks, Herbert E., Glen Osborne, Sewickley, Pa. Roof or floor construction. 1,475,846; Nov. 27.
Marks, Herbert E., Glen Osborne, Sewickley, Pa. Roof or floor construction. 1,475,847; Nov. 27.
Marks, John, Pearl River, N. Y. Spark plug. 1,461,320; July 10.
Marks, Le Roy S. (See L'Ecuyer, R. A., and Marks.)
Marks, Nona J., Philadelphia, Pa. Garment hanger. 1,478,290; Dec. 18.
Marks, Thomas. (See Johnson, John H., assignor.)
Marks, William B., Waterbury, Conn. Electric combination switch for automobiles. 1,461,429; July 10.
Markus, Eugene, Budapest, Hungary. Manufacturing leather from intestines. 1,444,548; Feb. 6.
Markwell Manufacturing Co. Inc. (See Obstfeld, Lou, assignor.)
Marlatt, George E., Pasadena, Calif. Typographic matrix and production of same. 1,451,170; Apr. 10.
Marley, Samuel S., Wilmington, Del. Bread toaster. 1,446,426; Feb. 20.
Marlin Firearms Corporation, The. (See Rockwell, Hugh M., assignor.)
Marlin Firearms Corporation, The. (See Swebilius, Carl G., assignor.)
Marling, Frank P. (See Jobe, Martin A., assignor.)
Marlow, John H., Stoke-upon-Trent, England. Gas-fired oven or kiln. 1,452,887; Apr. 24.
Marmon, Albert W., Dallas, assignor of one-half to D. Haggard, Dallas County, and one-half to J. J. Hutchens, Dallas, Tex. Amusement device. 1,473,914; Nov. 13.
Marmon, Howard C., assignor to Nordyke & Marmon Company, Indianapolis, Ind. Heated roll for flaking mills. 1,443,629; Jan. 30.
Marone, Alfredo, Santa Vittoria d'Alba, Italy. Liquid-level indicator. 1,477,145; Dec. 11.
Marotta, Gabriel, assignor of one-half to J. Marotta, Seattle, Wash. Friction clutch. 1,469,564; Oct. 2.
Marotta, John. (See Marotta, Gabriel, assignor.)
Marotz, Max, Ashton, assignor of one-half to A. H. Wilkie, Idaho Falls, Idaho. Grain drill. 1,471,179; Oct. 16.
Marqua, J. E., Company. (See Isaacs, B. B., and Marqua, assignors.)
Marqua, James E. (See Isaacs, B. B., and Marqua.)
Marqua, Philip, St. Louis, Mo. Shoe-shine stand. 1,465,450; Aug. 21.
Marquard, Frank F., Clairton, and C. W. Littler, Swissvale, Pa. Evaporating ammonia liquor. 1,455,299; May 15.
Marquardt, Frank C., Brooklyn, N. Y., assignor to American Bank Note Company. Inking mechanism for rotary plate-printing machines. 1,468,485; Sept. 18.
Marqué, Léon. (See Massuger, L., and Marqué.)
Marquette, Melvon A., assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Preparing inner tubes for vulcanization. 1,457,986; June 5.
Marquette, Melvon A., assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Tire bead and making the same. 1,462,517; July 24.
Marquette, Melvon A., assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Manufacture of bead fillers. 1,470,465; Oct. 9.
Marquette Tool and Manufacturing Company et al. (See Balcker, Martin, assignor.)
Marquis, Alister W., Hollister, Calif. Boring machine. 1,451,585; Apr. 10.
Marquis, Amèdèe, London, England. Combined blowpipe and soldering iron. 1,471,620; Oct. 23.
Marquis, Joseph A., and V. E. Graves, Seattle, assignors of one-third to H. O. Zbinden, King County, Wash. Can opener. 1,446,804; Feb. 27.
Marquyl, Otto G. (See Marshall, Arthur G.)
Marr, Alexander, Manchester, England. Acoustic instrument. 1,478,574; Dec. 25.
Marr, Robert A. (See Marr, Robert A., jr., assignor.)
Marr, Robert A., jr., assignor of one-half to R. A. Marr, Norfolk, Va. Preserved wood and making same. 1,464,044; Aug. 7.
Marrazzo, Antony, New York, N. Y. Agitating machine. 1,463,626; July 31.
Marrazzo, Domenico, assignor of one-third to J. L. Trivisonno and one-third to S. Balzano, Brooklyn, N. Y. Rotary hand fan. 1,478,240; Dec. 18.
Marriage, Ira J., Wichita, Kans. Header. 1,451,551; May 8.
Marriott, Oscar M., E. W. Hunt, and E. V. Kirby, Urbana, Ill. Tractor attachment hitch. 1,478,482; Dec. 25.
Marriott, Robert H., Bremerton, Wash. Directional radio receiving system. 1,460,801; July 3.
Marsden, Jeremiah, White Salmon, Wash. Fly-exit screen. 1,441,104; Jan. 2.
Marsden, John E. (See Milliken, John A., assignor.)
Marsden, Mark W., Philadelphia, Pa. Theft-detecting device. 1,447,802; Mar. 6.
Marsh, Alonzo K., assignor to A. Kimball Company, New York, N. Y. Marking ticket. 1,451,341; Apr. 10.
Marsh, Alonzo K., assignor to A. Kimball Company, New York, N. Y. Marking ticket. 1,461,625; July 10.
Marsh, Alonzo K., assignor to A. Kimball Company, New York, N. Y. Pin ticket. 1,476,533; Dec. 4.
Marsh, Alonzo K., assignor to A. Kimball Company, New York, N. Y. Marking-ticket strip. 1,478,130; Dec. 18.
Marsh, C. A., & Company. (See Rounseville, Luca H., assignor.)
Marsh, Charles L., Bridgewater, S. Dak. Door-operating device. 1,469,165; Sept. 25.
Marsh, Clarence W., Greenwich, Conn. Electrolytic cell. 1,443,797; Jan. 30.
Marsh, Clayton C. (See Trosky, C. L., and Marsh.)
Marsh, Clifford W., Bridgeport, Conn. Gluing machine. 1,452,888; Apr. 24.
Marsh, Clifford W., Bridgeport, Conn. Typewriting machine. 1,474,839; Nov. 20.
Marsh, Clifford W., Bridgeport, Conn. Typewriting machine. 1,478,877; Dec. 25.
Marsh, Frederick A., Columbus, Ohio. Water gauge and temperature indicator. 1,449,124; Mar. 20.
Marsh, Gerald, Orrick, Mo., assignor of three-fourths to C. B. Harrison, P. G. Williams, and O. J. Brady. Paintbrush. 1,465,856; Aug. 21.
Marsh, Harry V., and H. J. Stephens, Chicago, Ill. Placard. 1,475,958; Dec. 4.
Marsh, Henry S., and R. S. Cochran, Youngstown, Ohio. Conveyer apparatus. 1,442,961; Jan. 23.
Marsh, Henry S., and R. S. Cochran, Youngstown, Ohio. Method of and apparatus for recovering spent pickling solutions. 1,450,216; Apr. 3.
Marsh, Henry S., and R. S. Cochran, Youngstown, Ohio. Method of and apparatus for reclaiming spent pickling solution. 1,450,217; Apr. 3.
Marsh, Hugh M., assignor to C. A. Fox, Chicago, Ill. Curtain-roller support. 1,459,789; June 26.
Marsh, Jas. P., & Company. (See Harrison, Amos, assignor.)
Marsh, John H., Swinton, Manchester, England. Yarn clearer and cleaner. 1,469,423; Oct. 2.
Marsh, Moreland M. (See Johnson, Clifford S., assignor.)
Marsh, Samuel L. (See Hess, A., and Marsh.)
Marsh, Samuel L., Los Angeles, Calif. Drainage fitting. 1,473,439; Nov. 6.
Marsh, Samuel L., Los Angeles, Calif. Grease interceptor. 1,474,938; Nov. 20.
Marsh, Van L., et al. (See Dixon, Walter B., assignor.)
Marsh, Walt C., Belleville, Ill. Fountain stencil and marking brush. 1,477,578; Dec. 18.
Marsh, Willard E., Memphis, Tenn. Tent shelter. 1,463,220; July 31.
Marsh, William B., Brooklyn, N. Y. Armlet purse. 1,445,528; Feb. 13.
Marshall, Aquila B., Brooklyn, N. Y., assignor to America Radiator Company, Chicago, Ill. Suction cleaning tool. 1,446,854; Feb. 27.
Marshall, Archie R. (See Brown, F. W., and Marshall.)
Marshall, Arthur G., formerly known as O. G. Marquyl, Pittsburgh, Pa. Cabinet. Des. 62,304; May 1.
Marshall, Charles H., jr., Wilmerding, Pa., assignor to Westinghouse Electric & Manufacturing Company. Recording device. 1,470,691; Oct. 16.
Marshall, Charles J., and F. R. Weaver, assignors to P. B. Yates Machine Company, Beloit, Wis. Milling-machine adjustment and quick release. 1,450,695; Apr. 3.
Marshall Field & Company. (See Mitchell, John F., assignor.)
Marshall, Frank J., Easton, Pa. Paper-making machine. 1,445,782; Feb. 20.
Marshall, Frederick D., Westminster, London, England. Retort for the treatment of carbonaceous or other materials. 1,456,392; May 22.

Marshall, Gaylord L., et al. (See Moffat, Henry E., assignor.)
Marshall, George E., San Diego, Calif. Can opener. 1,456,246; May 22.
Marshall, George L., et al. (See Moffat, Henry E., assignor.)
Marshall, George W., et al. (See Moffat, Henry E., assignor.)
Marshall, Henry H., West Hartford, assignor to The Automatic Refrigerating Company, Hartford, Conn. Hand pump. 1,441,730; Jan. 9.
Marshall, Horace M., Vicksburg, Miss. Animal-trap attachment. 1,473,242; Nov. 6.
Marshall, Ianthus E., Richmond, Calif. Hinge and corner iron. 1,440,739; Jan. 2.
Marshall, James E., Cleveland, Ohio, assignor to General Electric Company. Sealing-in machine. 1,475,192; Nov. 27.
Marshall, James F., Swampscott, Mass. Heeled shoe. 1,445,783; Feb. 20.
Marshall, John, Swarthmore, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive for use in blasting caps. 1,473,825; Nov. 13.
Marshall, John T., and S. W. Leavitt, Boston, Mass. Milk-bottle stopper and pouring spout. 1,441,364; Jan. 9.
Marshall, Laurence K. (See Smith, Charles G., assignor.)
Marshall, Lewis C., Walpole, Mass., assignor to Pressure Proof Piston Ring Company, Boston, Mass. Packing ring for pistons. 1,443,755; Jan. 30.
Marshall, Luke, Seattle, Wash. Box-nailing machine. 1,455,217; May 15.
Marshall, Melville J., and G. S. Shaw, Shawinigan Falls, assignors to Shawinigan Laboratories, Limited, Montreal, Quebec, Canada. Removing destructive substances from non-aqueous media. 1,450,982; Apr. 10.
Marshall, Norman, Waltham, Mass. Method of and apparatus for enameling tubes. 1,462,608; July 24.
Marshall, Oscar S., Springfield, Vt. Dividing head. 1,477,374; Dec. 11.
Marshall, Reginald T., and L. Le Sueur, London, England. Circulator employed in steam generator and the like. 1,441,105; Jan. 2.
Marshall, Stanmore P., Cincinnati, Ohio, assignor to H. B. Byrd Manufacturing Company, Incorporated, Washington, D. C. Apparatus for casting articles of metal. 1,452,245; Apr. 17.
Marshall, Stanmore P., assignor to H. B. Byrd Manufacturing Company, Incorporated, Washington, D. C. Art of and apparatus for casting metals. 1,452,246; Apr. 17.
Marshall, Walker E., assignor of forty-five per cent to I. M. Eulitt, Springfield, Ohio. Valve. 1,466,666; Sept. 4.
Marshall, Walker E., assignor of forty-five per cent to I. M. Eulitt, Springfield, Ohio. Automobile attachment. 1,466,667; Sept. 4.
Marshall, Walker E., Springfield, Ohio, assignor of forty-five per cent to O. C. Brown, W. H. Bowers, S. R. Hamlet, A. Bowman, F. Schaefer, H. I. Fleming, J. Masterpos, C. H. Sroufe, and C. Davidson, Springfield, Ohio. Locking valve. 1,466,668; Sept. 4.
Marshall, William B., Fort Lauderdale, Fla. Rapid boiler. 1,444,696; Feb. 6.
Marshall, William F., New York, N. Y. Movable tool holder for lathes. 1,476,262; Dec. 4.
Marshall, William H., Denver, Colo., assignor, by mesne assignments, to L. F. Raymond, Chicago, Ill. Humidifier for internal-combustion engines. 1,459,183; June 19.
Marshall, William R., assignor to The Holyoke Company, Holyoke, Mass. Winding spool. 1,460,595; July 3.
Marshick, Oliver J., Detroit, Mich. Bellows mechanism for electric relays. 1,454,129; May 8.
Marshick, Oliver J., and E. L. Crosby, Detroit, Mich. Pouring mechanism for refractory furnaces. 1,446,981; Feb. 27.
Marshick, Oliver J., and E. L. Crosby, Detroit, Mich. Reversing mechanism. 1,457,312; June 5.
Marston, Edgar J. (See Hammond, L. E., and Smith, assignors.)
Marston, Edgar J., et al. (See Adams, Frank J., assignor.)
Marston, Howard F., et al., trustees. (See Mathewson, S. B., and Jamison, assignors.)
Marston, Howard F., Dayton, Ohio. Size-reducible box. 1,450,674; Apr. 3.
Marston, Howard F., Dayton, Ohio. Size-reducible box. 1,451,622; Apr. 10.
Marswerke A.-G. (See Franzenburg, Claus, assignor.)
Marteau, Ralph L., and G. A. Schroeter, Brooklyn, N. Y. Adjustable metatarsal shoe shank. 1,477,146; Dec. 11.
Martel, Edgar J., Laconia, N. H. Automobile lock. 1,449,769; Mar. 27.
Martel, Edgar J., Laconia, N. H. Steering-wheel switch control. 1,470,237; Oct. 9.
Martel, Edgar J., and R. G. Sanders, Laconia, N. H. Switch support. 1,471,496; Oct. 23.
Martel, Louis V., and P. Methot, assignors of one-third to O. F. Moreau, Manchester, N. H. Washing machine. 1,474,277; Nov. 13.
Martell, Albert A., assignor to The Taft-Peirce Manufacturing Company, Woonsocket, R. I. Floating reamer. 1,470,020; Oct. 9.
Marten, Thomas H., Toronto, Ontario, Canada. Producing visual depth in projected pictures. 1,461,131; July 10.
Marten, Thomas H., Toronto, Ontario, Canada. Producing visual depth in projected pictures. 1,461,132; July 10.
Marten, Thomas H., Toronto, Ontario, Canada. Projection device. 1,461,133; July 10.
Martens, Frantz A., Copenhagen, Denmark. Gluing device for uniting warp threads. 1,468,207; Sept. 18.
Martens, Frantz A., assignor to Martens' Patent "Twisting-In" Machine Co. Ltd., Copenhagen, Denmark. Mechanical thread-pasting apparatus. 1,461,281; July 10.
Martens' Patent "Twisting-In" Machine Co. Ltd. (See Martens, Frantz A., assignor.)
Martens, Rudolph M., Boston, Mass. Locking switch. 1,465,451; Aug. 21.
Marti, Rudolph E., Pocahontas, Ill. Harvester feed control. 1,441,867; Jan. 9.
Martin, A. J., et al. (See Baker, Louis E., assignor.)
Martin, Albert D. (See Tabor, William B., assignor.)
Martin, Alfred M., Chicago, Ill. Record-card-filing device. 1,469,798; Oct. 9.
Martin, Alphonse, Ogdensburg, N. Y. Electric water heater. 1,474,638; Nov. 20.
Martin, Arthur I., Brooklyn, N. Y., assignor to The Esmond Mills, New York, N. Y. Blanket or similar article. Des. 62,062; Mar. 13.
Martin Automatic Fishing Reel Company. (See Maury, Alfred D., assignor.)
Martin, Cecil C., Seattle, Wash. Baseball game device. 1,473,308; Nov. 6.
Martin, Chancellor, San Diego, Calif. Truss. 1,440,692; Jan. 2.
Martin, Charles H., Los Angeles, Calif. Individual sheet and envelope separators for pneumatic feeders. 1,463,329; July 31.
Martin, Charles P. (See Gist, F. B., and Martin.)
Martin, Christian H., Atlanta, Ga. Orthopedic appliance. 1,477,070; Dec. 11.
Martin, Christopher W., and M. F. Allen; said Allen assignor to said Martin, Kenosha, Wis. Dirigible headlight. 1,442,490; Jan. 16.
Martin, Clement S., Rockville, Md. Demountable tire rim. 1,453,633; May 1.
Martin, Clyde W., Little Rock, Ark., and L. E. Hoffman, St. Louis, Mo. Itinerant vending and sales vehicle. 1,466,539; Aug. 28.
Martin-Copeland Company (See Jacobson, Bror J., assignor.)
Martin-Copeland Company. (See Kirk, Lloyd H., assignor.)
Martin, David, Watson, Ill. Skinning knife. 1,477,510; Dec. 11.
Martin, David B., and J. Westerby, Hagersville, Ontario, Canada. Concrete mixer. 1,453,634; May 1.
Martin, De Loss K., Orange, N. J., assignor to American Telephone and Telegraph Company. Multiplex transmission circuits. 1,461,064; July 10.
Martin, De Loss K., Orange, N. J., assignor to American Telephone and Telegraph Company. Radiosignaling call system. 1,476,003; Dec. 4.
Martin, De Loss K., Orange, N. J., assignor to American Telephone and Telegraph Company. Frequency-control system 1,476,721. Dec. 11.
Martin, Earnest R., Ridgefield Park, N. J. Receptacle cap. 1,450,100; Mar. 27.
Martin, Edward B. (See Briese, G. L., and Martin.)
Martin, Edward E. (See Moors, G. F., and Martin.)
Martin, Edward H., Los Angeles, Calif. Telephone meter. 1,474,053; Nov. 13.
Martin, Ella, Bottesford, England. Sparking plug. 1,468,616; Sept. 18.
Martin, Elmer R., assignor to Elgin Street Sweeper Co., Elgin, Ill. Refuse guide for street sweepers. 1,443,190; Jan. 23.
Martin, Elmer R., assignor to Elgin Street Sweeper Co., Elgin, Ill. Gutter-broom arrangement for street sweepers. 1,452,307; Apr. 17.
Martin, Elmer R., assignor to Elgin Street Sweeper Co., Elgin, Ill. Street sweeper. 1,456,393; May 22.
Martin, Ernest J., New Rochelle, N. Y. Artist's frame. 1,465,857; Aug. 21.
Martin, Francis G., Liverpool, England. Cleansing of condensers and like apparatus. 1,447,096; Feb. 27.
Martin, Francis L., Brooklyn, assignor of one-half to A. W. Swiezy, New York, N. Y. Loose-leaf connection. 1,461,669; July 10.
Martin, Frank J., Turners Falls, Mass., assignor to Martin Machine Company, Inc. Tool holder. 1,451,705; Apr. 17.
Martin, Fred M., New York, N. Y., assignor to American Smelting & Refining Company. Apparatus and method for sampling ores. 1,448,758; Mar. 20.
Martin, Fred M., assignor to American Smelting and Refining Company, New York, N. Y. Apparatus for disintegrating ores. 1,448,759; Mar. 20.
Martin, Fred M., assignor to American Smelting and Refining Company, New York, N. Y. Ore-stream hopper. 1,448,760; Mar. 20.

Martin, Fred M., assignor to American Smelting and Refining Company, New York, N. Y. Ore-stream conveyer. 1,448,761; Mar. 20.
Martin, Fred N. (See Willson, Russell A., assignor.)
Martin, Fred P., Ottawa, Kans. Bridge form. 1,448,854; Mar. 20.
Martin, Frederick C. (See Capstaff, J. G., and Martin.)
Martin, Frederick H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Overboot. 1,476,826; Dec. 11.
Martin, Frederick T., assignor of one-half to J. J. Gallagher, Merion, Pa. Valve-spring lifter. 1,463,709; July 31.
Martin, Frederick W., Brooklyn, N. Y., assignor to Franklin Railway Supply Company. Furnace door. 1,476,907; Dec. 11.
Martin, Glenn L. (See McCullough, Frederick S., assignor.)
Martin, H. P., & Sons. (See Smith, Lyddane, assignor.)
Martin, Harold T., assignor to Western Electric Company, Incorporated, New York, N. Y. Multiple-unit switch. 1,478,042; Dec. 18.
Martin, Harry L., Memphis, Tenn., J. G. Noah, and J. B. Boggan, Amory, Miss. Vehicle wheel. 1,448,855; Mar. 20.
Martin, Harry S. (See Willett, A. H., and Martin.)
Martin, Harvey A., Brady, Tex. Drill-bit swelling and dressing apparatus. 1,453,154; Apr. 24.
Martin, Henry C., Elkhart, Ind. Sound box for phonographs. 1,443,371; Jan. 30.
Martin, Henry C., Elkhart, Ind. Recording and reproducing instrument. 1,443,372; Jan. 30.
Martin, Henry F., assignor to Detroit Hoist and Machine Company, Detroit, Mich. Lifting truck. 1,452,566; Apr. 24.
Martin, Horace G., Brooklyn, N. Y. Semiautomatic telegraphic sending machine. 1,445,226; Feb. 13.
Martin, James, and Company Limited. (See McNeill, John F., assignor.)
Martin, James M., Knoxville, Tenn. Pipe wrench. 1,450,297; Apr. 3.
Martin, James R., Renton, Wash. Cookie-carton display cover. 1,465,650; Aug. 21.
Martin, James V. (See Zimmermann, Paul G., assignor.)
Martin, James V., Elyria, Ohio. Shock-absorbing rudder. 1,464,209; Aug. 7.
Martin, James V., Garden City, N. Y. Vehicle shock absorber. 1,471,968; Oct. 23.
Martin, James W., jr., Clendenin, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Making carbonblack. 1,477,511; Dec. 11.
Martin, Jesse A., Los Angeles, Calif. Heater. 1,447,142; Feb. 27.
Martin, Jesse C., jr. (See Roberts, J. T., and Martin.)
Martin, Jesse C., jr., San Francisco, Calif. Plug cock and lubricating means therefor. 1,456,326; May 22.
Martin, John. (See Sharp, F., and Martin.)
Martin, John, Knocklong, Ireland. Pneumatic wheel. 1,446,197; Feb. 20.
Martin, John C., Terre Haute, Ind. Deposit and collection receptacle. 1,478,977; Dec. 25.
Martin, John I., Akron, Ohio. Tire tread. Des. 63,303; Nov. 20.
Martin, John I., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire tread. Des. 63,056; Sept. 25.
Martin, John J., Hill City, Minn. Road-working apparatus. 1,476,263; Dec. 4.
Martin, John L., Buffalo, N. Y. Swing. 1,462,796; July 24.
Martin, John L., jr., Newport News, Va. Internal-combustion engine. 1,471,497; Oct. 23.
Martin, John W., assignor of one-third to J. E. Farr, San Ardo, Calif. Battery-testing device. 1,448,142; Mar. 13.
Martin, Jorgen W., Mora, Minn. Starting-crank holder for automobiles. 1,464,438; Aug. 7.
Martin, Joseph, Munich, Germany. Clamshell. 1,472,336; Oct. 30.
Martin, Julius, Chicago, Ill. Window washing and drying mechanism. 1,474,840; Nov. 20.
Martin, Laurence C., Providence, R. I. Rheostat. 1,473,915; Nov. 13.
Martin, Leroy L., Paterson, N. J. Tool handle or holder. 1,449,430; Mar. 27.
Martin, Lester B., Ford, Va. Manifold connection lock. 1,460,205; June 26.
Martin, Louis G. (See Jameson, T. H., and Martin.)
Martin Machine Company. (See Martin, Frank J., assignor.)
Martin, Miles L., Bainbridge, Ga. Trap. 1,460,596; July 3.
Martin, Milton G., Stevens Point, Wis. Cuspidor. 1,461,156; July 10.
Martin, Oscar J., Graham, assignor, by mesne assignments, to H. D. Lambeth, Elon College, N. C. Hat and coat rack. 1,441,868; Jan. 9.
Martin-Parry Corporation. (See McGlashan, James, assignor.)
Martin-Parry Corporation. (See Manly, C. M., and McGlashan, assignors.)
Martin, Percy W., assignor to Smalley General Co., Bay City, Mich. Making screw-cutting dies and the like. 1,444,624; Feb. 6.
Martin, Perry S., Harrisonburg, Va. Seed-sowing device. 1,474,599; Nov. 20.
Martin, Perry S., assignor to Newtown Giant Incubator Corporation, Harrisonburg, Va. Hydrocarbon burner. 1,449,431; Mar. 27.
Martin, Pierre, Brussels, Belgium. Overhead runway. 1,454,937; May 15.
Martin, Raymond W. (See Holycross, L. R., and Martin.)
Martin, Richard, Swansea, and J. I. Richards, Ystalyfera, near Swansea, Wales. Apparatus for use in the treatment of pulverulent or granular materials with gases. 1,471,619; Oct. 23.
Martin, Richard D., Fort Smith, Ark. Coke-drawing machine. 1,472,730; Oct. 30.
Martin, Robert J., Oswego, N. Y. Game apparatus. 1,454,683; May 8.
Martin, Robert P. (See Kollock, G. L., and Martin.)
Martin, Sidney O., St. Louis, Mo. Signal. Des. 63,477; Dec. 11.
Martin, Stanton C., Erie, Pa. Pulverizing machine. 1,472,609; Oct. 30.
Martin, Talbot G., Chicago, Ill., assignor, by mesne assignments, to Automatic Electric Company. Party-line telephone system. 1,442,082; Jan. 16.
Martin, Talbot G., Chicago, Ill., assignor, by mesne assignments, to Automatic Electric Company. Automatic telephone and selective signaling system. 1,442,770; Jan. 16.
Martin, Talbot G., Chicago, Ill., assignor, by mesne assignments, to Automatic Electric Company. Telephone automatic trunking apparatus. 1,443,494; Jan. 30.
Martin, Talbot G., assignor to Automatic Electric Company, Chicago, Ill. Measured-service automatic telephone system. 1,459,229; June 19.
Martin, Talbot G., assignor to Automatic Electric Company, Chicago, Ill. Measured-service telephone system. 1,460,726; July 3.
Martin, Talbot G., assignor to Automatic Electric Company, Chicago, Ill. Party-line telephone system. 1,463,271; July 31.
Martin, Talbot G., assignor to Automatic Electric Company, Chicago, Ill. Two-wire party-line lockout telephone system. Re15,706; Oct. 30.
Martin, Talbot G., Chicago, and B. D. Willis, Oak Park, assignors to Automatic Electric Company, Chicago, Ill. Multioffice telephone system. 1,475,590; Nov. 27.
Martin, Theodor, Saratoga Springs, N. Y. Alarm device for tires. 1,447,595; Mar. 6.
Martin, Thomas, Vernon, British Columbia, Canada. Automobile fender. 1,446,805; Feb. 27.
Martin, Thomas E., Buffalo, N. Y. Pump. 1,444,880; Feb. 13.
Martin, Thomas W., Hibbing, Minn. Lawn trimmer. 1,460,261; June 26.
Martin, Truman J., Bethlehem, Pa. Steering wheel for automobiles. 1,476,347; Dec. 4.
Martin, Wallace S., Monongahela, Pa. Bumper. 1,455,644; May 15.
Martin, Weaver, Lafayette, Oreg. Sidehill ladder. 1,442,694; Jan. 16.
Martin, Wilfred G., Peoria, Ill. Spring-oiling device. 1,462,562; July 24.
Martin, William A., Cando, N. Dak. Wrench. 1,442,351; Jan. 16.
Martin, William A., Wellington, Colo. Dividing-box regulator. 1,462,017; July 17.
Martin, William A., and H. Kegel, assignors of one-third to said Martin, one-third to said Kegel, and one-third to F. B. Cameron, Brooklyn, N. Y. Headlight-adjusting mechanism. 1,476,630; Dec. 4.
Martin, William H., Flushings, Netherlands. Determining the position of the center of gravity of rotary bodies with respect to the axis of rotation. 1,475,848; Nov. 27.
Martin, William H., New York, N. Y., assignor to American Telephone and Telegraph Company. Equalizing transmission. 1,470,632; Oct. 16.
Martin, William H., New York, N. Y., assignor to American Telephone and Telegraph Company. Signaling circuit. 1,471,404; Oct. 23.
Martin, William H., New York, N. Y., assignor to American Telephone and Telegraph Company. Forwarding system for ocean cables and the like. 1,472,849; Nov. 6.
Martin, William O. (See Steen, B. J., and Martin.)
Martin, William T. (See Trout, O. C., and Martin.)
Martindell, Frank, Brooklyn, assignor to The Anthony Company, Long Island City, N. Y. Liquid-fuel burner. 1,454,975; May 15.
Martine, Alvin R. (See Corbett, Carl C., assignor.)
Martinelli, Lloyd A. (See Johnston, C. F., and Martinelli.)
Martinelli, Lloyd A., San Francisco, Calif. Piston-ring compressor. 1,447,561; Mar. 6.
Martinetto, Vittorio, Turin, Italy. Automatic maximum and minimum current circuit breaker. 1,472,370; Oct. 30.
Martinez, Matias B., Guasti, Calif. Combination tool. 1,453,155; Apr. 24.
Martini & Hüneke Maschinenbau-Aktien-Gesellschaft. (See Ludwig, Max, assignor.)

Martino, Letterio, Everett, Mass. Boiler-tube stopper. 1,444,351; Feb. 6.

Martinson, John, Duluth, Minn. Pulling machine. 1,464,721; Aug. 14.

Martinson, Martin, Princeton, Ill. Shield. 1,466,669; Sept. 4.

Martinsville Glass Manufacturing Co., The. (See Clarke, Ira M., assignor.)

Martire, Vincent, S. Defrancisco, L. Messino, and N. Lombardo, Gloversville, N. Y. Automobile brake. 1,471,780; Oct. 23.

Marts, Ashley E. and C. E., Darlington, Ind. Valve-spring compressor. 1,468,121; Sept. 18.

Marts, Claude E. (See Marts, Ashley E. and C. E.)

Martus, Martin L., Woodbury, Conn. Electrode element for galvanic batteries and producing same. 1,450,004; Mar. 27.

Martus, Martin L., Woodbury, Conn. Primary battery. 1,459,512; June 19.

Martus, Martin L., Woodbury, J. G. Ross, and E. H. Becker, assignors to The Waterbury Battery Co., Waterbury Conn. Primary battery. 1,450,043; Mar. 27.

Martyn, David L., Vancouver, Wash. Reboring machine. 1,463,089; July 24.

Marvel Company. (See Weir, Roy W., assignor.)

Marvin, Daniel H., Cedar Rapids, Iowa. Automobile transmission gearing. 1,475,350; Nov. 27.

Marvin, Gwynne L., Morgan Hill., Calif. Bed shield. 1,472,731; Oct. 30.

Marvin, Joseph B., jr., Saranac Lake, N. Y. Chlorination. 1,442,491; Jan. 16.

Marvin, Richard H., assignor to The R. Thomas & Sons Company, East Liverpool, Ohio. Insulator connector. 1,441,990; Jan. 9.

Marx, Gustave C., assignor to Diehl Manufacturing Co., Elizabeth, N. J. Electric motor. 1,468,307; Sept. 18.

Marx & Haas Clothing Co. (See Rivett, A. W., and Weinberger, assignors.)

Marx, Joseph J. (See Brunk, Oscar E. W., assignor.)

Marx, Karl F., Detroit, Mich. Machine for turning crank pins of crank shafts. 1,456,028; May 22.

Marx, Richard, Detroit, Mich. Furnace. 1,464,210; Aug. 7.

Marx, Robert J. (See Heess, Jacob, assignor.)

Marx, Robert J. (See Rabus, Wilhelm, assignor).

Marx, Stephen J., assignor to The Cleveland Air Engineering Company, Cleveland, Ohio. Filtering apparatus for air and the like. 1,454,248; May 8.

Marye, Clifford P., Chicago, Ill., assignor to Marye Safety Nut Corporation. Thread-machine cutter. 1,441,015; Jan. 2.

Marye, Clifford P., Chicago, Ill., assignor to Marye Safety Nut Corporation. Threaded structure. 1,476,455; Dec. 4.

Marye Safety Nut Corporation. (See Marye, Clifford P., assignor.)

Maryland Glass Corporation. (See Heuisler, Philip I., assignor.)

Maryland Trust Company, trustee. (See Black, S. D., and Decker, assignors.)

Marzo, Fernando C., Placentia, Calif. Continuous evaporator for vegetable and fruit pulps. 1,446,651; Feb. 27.

Maschinen für Massenverpackung G. m. b. H. (See Otting, Karl.)

Maschinen- und Wellenlager Gesellschaft mit beschränkter Haftung. (See Kühne, Georg A. R., assignor.)

Maschinenfabrik Rüti. (See Derrer, Rudolf, assignor.)

Mascord, George W., London, England. Conveyer. 1,447,423; Mar. 6.

Mase, Roscoe P., Wilkinsburg, assignor to Mine Safety Appliance Company, Pittsburgh, Pa. Gas mask. 1,474,205; Nov. 13.

Masellis, Vincenzo. (See Albo, A., and Masellis.)

Mash, Frank, Detroit, Mich. Music-leaf turner. 1,462,715; July 24.

Masin, Joseph, New York, N. Y. Bearing. 1,462,716; July 24.

Masland, C. H., & Sons. (See Masland, Charles H., 2d, assignor.)

Masland, Charles H., 2d, Melrose, assignor to C. H. Masland & Sons, Inc., Philadelphia, Pa. Fabric-printing machine. 1,460,206; June 26.

Masland, Harvey C., Philadelphia, Pa. Splint for the setting and retaining in place of fractures of the long bones of the limbs. 1,468,387; Sept. 18.

Maslen, Frank A., et al. (See Walper, Curry O., assignor.)

Mason, Albert G., and L. C. Buckley, Lisbon, assignors to The R. Thomas & Sons Company, East Liverpool, Ohio. Machine for heading porcelain tubes and the like. 1,471,907; Oct. 23.

Mason, Arthur C., Hawthorne, N. J. Stop-motion mechanism for warping machines. 1,458,189; June 12.

Mason, Arthur C., Hawthorne, N. J. Selective pulley-control mechanism. 1,466,379; Aug. 28.

Mason, Arthur C., assignor to General Motors Corporation, Detroit, Mich. Connecting rod and wrist-pin connecting device. 1,444,352; Feb. 6.

Mason, Arthur C., Flint, Mich., assignor to General Motors Corporation, Detroit, Mich. Brake and clutch mechanism. 1,473,115; Nov. 6.

Mason, Arthur C., assignor to C. A. Widmer, Glen Rock, N. J. Drill-press spindle mounting. 1,444,625; Feb. 6.

Mason, Bonner D., Attleboro, Mass., assignor to The Mason Box Company. Display device. 1,454,552; May 8.

Mason Box Company, The. (See Mason, Bonner D., assignor.)

Mason, Carl T., East Orange, assignor to Tiffany Manufacturing Company, Newark, N. J. Parking lamp. 1,475,443; Nov. 27.

Mason, Elliott J., assignor to Heyl & Patterson, Incorporated, Pittsburgh, Pa. Coke wharf. 1,468,971; Sept. 25.

Mason, Eugene E., Atlanta, Ga. Stove. 1,475,849; Nov. 27.

Mason, Eugene G., Washington, D. C., assignor to Continental Can Company, Inc., Syracuse, N. Y. Timing device for filled-can-closing machines. 1,467,442; Sept. 11.

Mason, Frank C. (See Crites, Virgil C., assignor.)

Mason, Fred H., Chinchilla, Pa. Mirror support. 1,461,626; July 10.

Mason, George W., Lincoln, Nebr. Automobile direction signal. 1,457,260; May 29.

Mason, Henry W., New Bedford, Mass. Heating furnace. 1,462,018; July 17.

Mason, James B., jr., Nashville, Tenn. Toilet article. 1,470,994; Oct. 16.

Mason, John, Philadelphia, Pa. Dispensing device. 1,452,922; Apr. 24.

Mason, John, Philadelphia, Pa. Tool for pneumatic riveters. 1,462,293; July 17.

Mason, Loren D., assignor of one-half to O. M. Myers, Kokomo, Ind. Burner. 1,441,991; Jan. 9.

Mason, Max C., Keene, N. H. Rotary pump. 1,467,944; Sept. 11.

Mason, Oscar L., Mayfield, Ky. Headlight-controlling mechanism. 1,449,432; Mar. 27.

Mason Regulator Company. (See Melcher, George S., assignor.)

Mason, Stanley F. (See Kidd, James A., assignor.)

Mason Tire and Rubber Company, The. (See Dirkson, J. W., and Clough, assignors.)

Mason, Wesley W., Baltimore, Md. Closure for containers. 1,453,077; Apr. 24.

Mason, William D. (See Hanna, R. W., Mason, and Hamilton.)

Mason, William G. (See Hawtin, Charles W., assignor.)

Mason, William H., Leesburg, Ohio. Wire-fence fastener. 1,450,298; Apr. 3.

Mason, William S., Norristown, assignor of one-third to C. B. Harding, Lansdowne, and one-third to H. Fredericks, Philadelphia, Pa. Metallic vehicle wheel. 1,478,291; Dec. 18.

Masow, Frank H., Berkeley, Calif. Saw-filing device. 1,457,880; June 5.

Mass, August G., Cincinnati, Ohio. Vehicle wheel. 1,456,642; May 29.

Massaurger, Louis, and L. Marqué, Bacon les Bruyers, France. Hood latch. 1,468,823; Sept. 25.

Massee, Thomas D., Macon, Ga. Basket. 1,440,740; Jan. 2.

Masser, Allan M., assignor to F. M. Davis, Chicago, Ill. Grate bar. 1,475,159; Nov. 20.

Massey, Amedee, and A. Benson, Norwich, Conn. Pickerstick check. 1,463,128; July 24.

Massey Concrete Products Corporation. (See Hobson, John S., assignor.)

Massey Concrete Products Corporation. (See Kircher, Paul, assignor.)

Massey, George B. J. (See Brakers, John D., assignor.)

Massey, George B., assignor to Randolph-Perkins Co., Chicago, Ill. Brake and control system for swinging booms. 1,476,989; Dec. 11.

Massey-Harris Harvester Company. (See Pollard, A. L., and Baseman, assignors.)

Massey, Solon P., Denver, Colo. Stove. 1,461,065; July 10.

Massicotte, Louis G., Providence, R. I. Sealing-tape holder and moistener. 1,473,153; Nov. 6.

Massie, Alonzo A., Philadelphia, Pa. Barber's cabinet. 1,476,908; Dec. 11.

Massillon Foundry & Machine Company. (See Paul, Stephen, assignor.)

Massoll, Curtis A., assignor to J. A. Whittaker, Detroit, Mich. Latch. Re15,619; June 5.

Masson, John, San Francisco, Calif. Oven illuminator. 1,444,260; Feb. 6.

Masson, Louis M., Romainville, France. Automatic adjustment device for mechanical transmission gears. 1,443,630; Jan. 30.

Mast, John Z., Denbigh, Va. Mail crane. 1,472,732; Oct. 30.

Mast, Matthew J. (See Erickson, C. E., and Mast.)

Master Builders Company, The. (See Haldeman, Frank M., assignor.)

Master Carbureter Corporation. (See Summers, Caleb E., assignor.)

Master Tire & Rubber Company. (See Black, Joseph J., assignor.)

Masterpos, James, et al. (See Marshall, Walker E., assignor.)

Alphabetical list of patentees—Continued.

Masters, Arthur R., Boise, Idaho. Spring bed. 1,475,402; Nov. 27.
Masters, Charles E., Des Moines, Iowa. Child's vehicle. 1,445,338; Feb. 13.
Mastin, Charles I. E., Midland Park, N. J. Packing. 1,473,492; Nov. 6.
Mastin, Charles I. E., Midland Park, N. J. Packing. 1,473,597; Nov. 6.
Mastin, Walter C., San Antonio, Tex. Bib overalls. 1,463,748; July 31.
Masury, Alfred F. (See Moran, Henry J., assignor.)
Masury, Alfred F., assignor to International Motor Company, New York, N. Y. Wheel mounting for motor-propelled railway cars. 1,451,267; Apr. 10.
Masury, Alfred F., and A. H. Leipert, assignors to International Motor Company, New York, N. Y. Cushion connection for vehicle springs. 1,463,655; July 31.
Masury, Alfred F., New York, and A. H. Leipert, College Point, assignors to International Motor Company, New York, N. Y. Cushion connection for vehicle construction. 1,472,371; Oct. 30.
Masury, Alfred F., and A. H. Leipert, assignors to International Motor Company, New York, N. Y. Spring mounting for cushion connections. 1,472,372; Oct. 30.
Masury, Alfred F., and R. S. Bolger, assignors to International Motor Company, New York, N. Y. Variable-speed winch for motor trucks. 1,474,504; Nov. 13.
Masury-Young Company. (See Keene, Waite W., assignor.)
Matchett, Vernon O., Toronto, Ontario, Canada. Tie spreader. 1,464,577; Aug. 14.
Matchette, Frank J., Milwaukee, Wis., assignor to The Servidor Company, Wilmington, Del. Ventilator. 1,447,803; Mar. 6.
Materna, John, Memphis, Tenn. Self-serving table. 1,444,697; Feb. 6.
Matha, Charles E., Chicago, Ill. Bow for string instruments. 1,476,163; Dec. 4.
Mathe, Joseph J. (See Kennedy, Homer R., assignor.)
Mathe, Joseph J. (See Poor, Roy W., assignor.)
Matheny, Claude A., Cleveland Heights, and F. F. Steele, Cleveland, Ohio. Fireproofing construction for buildings. 1,465,452; Aug. 21.
Mather, Allan G., assignor of one-half to A. E. Bradbury, Ottawa, Ontario, Canada. Oil burner. 1,456,899; May 29.
Mather, George L., Milwaukee, Wis., assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Tire. Des. 63,478; Dec. 11.
Mather, Lewis V. Detroit, Mich. Galvanizing wheel rims. 1,442,437; Jan. 16.
Mather, Lewis V., Detroit, Mich. Electroplating apparatus. 1,442,438; Jan. 16.
Mather, Norman C. (See Dyer, John, assignor.)
Mather, Percy, London, England. Relief valve for tanks or receptacles. 1,471,855; Oct. 23.
Mather, Richard. (See Moore, H., and Mather.)
Mather Spring Co., The. (See Hendrickson, Niels E., assignor.)
Mather, William A., and J. Smithies, Wilmslow, near Manchester, assignors to Faire Bros. & Co. Ltd., Leicester, England. String and like fastener. 1,442,531; Jan. 16.
Mathes, John. (See Connolly, Frank A., assignor.)
Mathes, Kirke B. (See Braselton, Chester H., assignor.)
Mathes, Robert C., assignor to Western Electric Company, Incorporated, New York, N. Y. Vacuum-tube repeater. 1,442,439; Jan. 16.
Mathes, Robert C., assignor to Western Electric Company, Incorporated, New York, N. Y. Transmission circuits. 1,456,510; May 29.
Mathes, Robert C., assignor to Western Electric Company, Incorporated, New York, N. Y. Repeater system. 1,470,238; Oct. 9.
Mathes, Robert C., assignor to Western Electric Company, Incorporated, New York, N. Y. Telegraph system. 1,472,483; Oct. 30.
Mathes, Robert C., assignor to Western Electric Company, Incorporated, New York, N. Y. Transmission circuit. 1,472,610; Oct. 30.
Mathesius, Walther, Charlottenburg, Germany. Manufacture of lead alloys. 1,447,143; Feb. 27.
Mathesius, Walther, Chicago, Ill. Gas-washer tower. 1,467,184; Sept. 4.
Matheson, Andrew A., assignor to Wyoming Tool Company, Inc., Shoshoni, Wyo. Alligator lug picker. 1,445,969; Feb. 20.
Matheson, Howard W., assignor to Shawinigan Laboratories, Limited, Montreal, Quebec, Canada. Manufacture of aldehyde-ammonia. 1,450,983; Apr. 10.
Matheson, Howard W., assignor to Shawinigan Laboratories Limited, Montreal, Quebec, Canada. Making aldehyde ammonia. 1,456,702; May 29.
Matheson, Howard W., assignor to Canadian Electro Products Company, Limited, Montreal, Quebec, Canada. Making condensation products of aliphatic aldehydes. 1,450,984; Apr. 10.
Matheson, Ian E., Radville, Saskatchewan, Canada. Toboggan slide. 1,467,293; Sept. 4.
Matheson, Ian E., Radville, Saskatchewan, Canada. Toboggan. 1,478,345; Dec. 18.
Matheson, James H., Reading, Pa. Ball-placing device for tube mills. 1,454,684; May 8.
Matheson, James H., Reading, Pa. Apparatus for making lapwelded tubes. 1,459,595; June 19.
Matheson, James W. (See Duff, A. L., and Matheson.)
Matheson, Robert S., Manila, P. I. Oil press. 1,465,227; Aug. 14.
Matheus, John, and H. Scheddin, Milwaukee, Wis. Egg turner. 1,473,792; Nov. 13.
Mathewes, James C., Los Angeles, Calif. Coin counter. 1,457,261; May 29.
Mathews, Annie, et al., executors. (See Mathews, Thomas.)
Mathews, Charles O., Devon, Conn. Curtain roller. 1,462,866; July 24.
Mathews, Frank, Croyden, and S. D. Black, London, England. Registering ticket punch. 1,457,913; June 5.
Mathews, Frank J., Deer Park, Wis. Dispensing apparatus. 1,445,339; Feb. 13.
Mathews, Fred, Chicago, Ill. Lock for freight-car doors. 1,462,916; July 24.
Mathews Gravity Carrier Company. (See Buck, Herman J., assignor.)
Mathews, Harry E., Philadelphia, Pa. Pencil holder. 1,466,057; Aug. 28.
Mathews, Paul L., and R. M. Willis, Newark, N. J. Apparatus for mixing. 1,458,492; June 12.
Mathews, Sadie L., St. Louis, Mo. Electric lock and alarm for automobiles. 1,445,529; Feb. 13.
Mathews, Samuel J., Sapulpa, Okla., assignor to B-B Manufacturing and Drilling Company. Well-drilling apparatus. 1,462,975; July 24.
Mathews, Thomas, deceased, Leicester, England; A. Mathews and H. W. Buckingham, executors. Cardboard and like toy. 1,451,301; Apr. 10.
Mathewson, Mrs. S. B., et al., trustees. (See Mathewson, S. B., and Jamison, assignors.)
Mathewson, Stanley B., et al., trustees. (See Mathewson, S. B., and Jamison, assignors.)
Mathewson, Stanley B., and W. K. Jamison, Springfield, Ohio, assignors to W. K. Jamison, S. B. Mathewson, H. F. Marston, Mrs. W. K. Jamison, and Mrs. S. B. Mathewson, trustees of the Lecar Carbon Company, a trust estate. Carbonizing compound and making and using it. 1,471,563; Oct. 23.
Mathewson, Wilfred B., North Weymouth, Mass. Needle for tufting machines. 1,450,101; Mar. 27.
Mathewson, Wilfred B., North Weymouth, Mass. Roll-edge mattress and making the same. 1,450,102; Mar. 27.
Mathias, Herbert J., Riverside, assignor to Mathias-Van Dyke Company, Trenton, N. J. Set-up bolt. 1,440,613; Jan. 2.
Mathias, John F. (See Kelly, Harry, assignor.)
Mathias, Louis, assignor to D. Lutjen, San Francisco, Calif. Vehicle wheel. 1,445,405; Feb. 13.
Mathias-Van Dyke Company. (See Mathias, Herbert J., assignor.)
Mathias-Van Dyke Company. (See Van Dyke, Elmer M., assignor.)
Mathies, John E. H. (See Barlow, H., and Mathies.)
Mathieson Alkali Works. (See Brooks, Benjamin T., assignor.)
Mathieson Alkali Works, Inc., The. (See MacMahon, James H., assignor.)
Mathieson Alkali Works, Inc. The. (See Mauran, Max, assignor.)
Mathieson, Hugh M., Glasgow, Scotland. Score-indicating device for games. 1,461,449; July 10.
Mathieu, Frederick W. (See Strahan, G. V., and Mathieu.)
Mathieu, Joseph L. (See Benoit, A., Mathieu, and Duchesne.)
Mathieu, Marius, Paris, France. Rectifying device for weighing machines. 1,441,236; Jan. 9.
Mathiotte, Paul, Neuilly-sur-Seine, assignor to Pathe Cinema, Anciens Etablissements Pathe Freres, Paris, France. Frame for the horizontal development of film plates. 1,461,321; July 10.
Mathis, Alfred, Eldorado, Ill. Wheel. 1,478,978; Dec. 25
Mathis, Henry H., New Haven, Conn. Mechanical gear shift. 1,446,806; Feb. 27.
Mathis, Henry H., New Haven, Conn. Parallel-jaw pliers with adjustable gap. 1,475,642; Nov. 27.
Mathis, Robert S., Corinth, Miss. Rug and making same. 1,464,879; Aug. 14.
Mathis, Walter R., Atlanta, Ga. Method and apparatus for treating sludge. 1,441,731; Jan. 9.
Matisse, Albert and C. A., New York, N. Y. Reflector. 1,454,755; May 8.
Matisse, Carl A. (See Matisse, Albert and C. A.)
Matlock, Caswell C. (See Gilman, F. L., and Wilson, assignors.)
Matlock, Chauncey, Brooklyn, N. Y., assignor to Monroe-Louisiana Carbon Company, Monroe, La. Method and apparatus for producing carbon. 1,458,351; June 12.
Matonick, Joseph, Ashley, Pa. Rivet holder. 1,477,579; Dec. 18.
Matoushek, Frank J., Prairie du Sac, Wis. Aeroplane safety appliance. 1,452,348; Apr. 17.
Matre & Company. (See Matre, Victor G., assignor.)
Matre, Victor G., assignor to Matre & Company, Chicago, Ill. Pocket holy-water fountain. 1,459,230; June 19.
Matson, Herman F., La Crosse, Wis. Safety steering device for cars. 1,478,241; Dec. 18.

Matson, Ivan M., Chicago, Ill. Fire extinguisher. 1,468,163; Sept. 18.
Matson, Olaves R., Columbus, Wis. Tobacco packer. 1,461,491; July 10.
Matson, Ralph C., Portland, Oreg. Photographic film and plate holder. 1,463,710; July 31.
Matson, Thomas, Chicago, Ill. Combined china cabinet and refrigerator. 1,469,601; Oct. 2.
Matsubayashi, Kichigoro. (See Yoshida, I., and Matsubayashi.)
Matsuoka, Chokichi, Los Angeles, Calif. Agar-agar composition and producing the same. 1,453,848; May 1.
Matsushita, Roy, Wilmette, Ill. Hot plate. 1,469,166; Sept. 25.
Mattausch, Edwin F., Rosalia, Wash. Phonograph diaphragm. 1,465,019; Aug. 14.
Mattel, John P., Dubuque, Iowa. Washboiler. 1,450,638; Apr. 3.
Matter, Gustave O., assignor to R. A. Duncan, J. R. Thiehoff, J. H. McCoy, W. Penigor, and K. C. Whitesell, Portland, Oreg. Lock nut. 1,449,013; Mar. 20.
Mattern, Carrie A., Des Moines, Iowa. Stamp-canceling machine. 1,442,287; Jan. 16.
Mattern, George W., assignor to The Crawford, McGregor and Canby Company, Dayton, Ohio. Sole plate for golf clubs. 1,452,695; Apr. 24.
Matteson, Fred C., Warren, Ohio. Wheel. 1,446,427; Feb. 20.
Matteson, Jesse O., Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Rotary cue rack. 1,478,043; Dec. 18.
Matthaei, Max, Cassel-Wilhelmshohe, Germany. Permanent way. 1,457,539; June 5.
Matthes, Samuel S. (See Manz, M. W., and Matthes.)
Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Conductor support. 1,448,143; Mar. 13.
Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Holding device. 1,461,779; July 17.
Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Support for electric conductors. 1,461,780; July 17.
Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Current collector and sleet remover. 1,461,781; July 17.
Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Switch and overhead system. 1,465,308; Aug. 21.
Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Supporting device. 1,469,097; Sept. 25.
Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Conductor support. 1,469,098; Sept. 25.
Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Conductor support. 1,477,580; Dec. 18.
Matthews, Arthur A., assignor to C. Kenyon Company, Inc., Brooklyn, N. Y. Tire tread. Des. 61,787; Jan. 9.
Matthews, Charles E., East Providence, R. I. Multiple-razor-blade holder. 1,441,016; Jan. 2.
Matthews, Edgar M. (See Haislip, R. A., and Matthews.)
Matthews, Edgar M. (See Stoller, H. M., and Matthews.)
Matthews, Edward, Denver, Colo. Shock-absorbing spring. 1,459,983; June 26.
Matthews, Edward, Denver, Colo. Wrench. 1,466,136; Aug. 28.
Matthews, Herbert M., Worton, Md. Leak detector for tire tubes. 1,455,962; May 22.
Matthews, Irving C., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether composition. 1,469,816; Oct. 9.
Matthews, James F., North Augusta, S. C., assignor of fifty-one one-hundredths to W. H. White, Augusta, Ga. Box. 1,463,059; July 24.
Matthews, James H., Pittsburgh, and W. R. Ecke, Emsworth, assignors to James H. Matthews & Company, Pittsburgh, Pa. Method of and machine for swaging blanks. 1,455,300; May 15.
Matthews, James H., & Company. (See Matthews, J. H., and Ecke, assignors.)
Matthews, Jas. H., & Co. (See Rickenbach, Harry C., assignor.)
Matthews, Jesse C., Kamiah, Idaho. Peep sights for firearms. 1,466,913; Sept. 4.
Matthews, John B., Portland, Oreg. Silo and the like built of wooden staves. 1,449,620; Mar. 27.
Matthews, John E., Fremont, Nebr. Bearing clamp and file guide. 1,476,265; Dec. 4.
Matthews, John F., Dover, England. Chimney for buildings or other structures. 1,457,540; June 5.
Matthews, John F., Dover, England. Concrete building. 1,465,166; Aug. 14.
Matthews, John F., Dover, England. Means for building subaqueous structures such as sea walls, dock walls, and retaining walls, above and below water, and the like. 1,474,538; Nov. 20.
Matthews, John R., Vancouver, British Columbia, Canada. Stump burner. 1,440,741; Jan. 2.
Matthews, Kinchen N., St. Louis, Mo. Piston for internal-combustion engines. 1,476,264; Dec. 4.
Matthews, Leo F. (See Fleming, H. D., Matthews, and Fleming.)
Matthews, Richard B., East Grinstead, England. Means for keeping accounts and composing account books. 1,478,975; Dec. 25.
Matthews, Scott J., Port Clinton, Ohio. Electric system. 1,447,480; Mar. 6.
Matthews, Scott J., assignor to G. A. True, trustee, Port Clinton, Ohio. Radiator for internal-combustion engines. 1,475,308; Nov. 27.
Matthews, William H., Newburgh, N. Y. Bedspring support. 1,460,262; June 26.
Matthews, William P., San Joaquin, Calif. Land leveler and scraper. 1,449,528; Mar. 27.
Matthiessen, Conrad H., jr., Irvington-on-Hudson, N. Y. Valve mechanism for internal-combustion engines. 1,453,801; May 1.
Matthiessen, Ira C., Ithaca, N. Y. Reverse mechanism for motor boats. 1,454,976; May 15.
Mattice, Royal, Philadelphia, Pa. Welder's tongs. 1,443,798; Jan. 30.
Mattick, Victor A. (See Pelling, E. R., and Mattick.)
Mattingly, Albertus B., New York, N. Y. Attachment for sewing machines. 1,467,866; Sept. 11.
Mattingly, Albertus B., New York, N. Y. Attachment for sewing machines. 1,474,422; Nov. 20.
Mattingly, Albertus B., New York, N. Y. Attachment for sewing machines. 1,475,235; Nov. 27.
Mattingly Automatic Valve Co. (See Mattingly, Charles F., assignor.)
Mattingly Automatic Valve Co. (See Mattingly, C. F., and Montgomery, assignors.)
Mattingly, Charles F., assignor to Mattingly Automatic Valve Co., St. Louis, Mo. Automatic liquid-level gauge valve. 1,473,154; Nov. 6.
Mattingly, Charles F., assignor to Mattingly Automatic Valve Co., St. Louis, Mo. Automatic fountain valve. 1,478,669; Dec. 25.
Mattingly, Charles F., assignor to Mattingly Automatic Valve Co., St. Louis, Mo. Valve. 1,478,670; Dec. 25.
Mattingly, Charles F., Maplewood, and C. F. Montgomery, St. Louis, Mo., assignors to Mattingly Automatic Valve Co., St. Louis, Mo. Nonreturn valve. 1,473,155; Nov. 6.
Mattingly & Moore Distillery Co. (See Miller, Samuel C., assignor.)
Mattison, Carl L., assignor to Mattison Machine Works, Rockford, Ill. Abrading or polishing machine. 1,478,044; Dec. 18.
Mattison, Carl L., assignor to Mattison Machine Works, Rockford, Ill. Abrading or polishing machine. 1,478,575; Dec. 25.
Mattison Machine Works. (See Mattison, Carl L., assignor.)
Mattson, Emil M., H. W. Popp, Minneapolis, and A. C. Hougland, assignors, by mesne assignments, to J. L. Crump, St. Paul, Minn. Pneumatic hammer. 1,441,017; Jan. 2.
Mattson, Ivar, and R. B. Louden, assignors to The Louden Machinery Company, Fairfield, Iowa. Feed trough for animals. 1,447,562; Mar. 6.
Mattson, Julius, Chicago, Ill. Silo. 1,448,226; Mar. 13.
Mattson, Julius, Chicago, Ill. Silo. 1,451,171; Apr. 10.
Mattson, Julius, Chicago, Ill. Milling-machine cutter. 1,460,028; June 26.
Mattson, Julius, Chicago, Ill. Milling-machine cutter. 1,460,029; June 26.
Mattson, Julius, Chicago, Ill. Milling-machine cutter. 1,460,030; June 26.
Mattson, Mary W., Hansboro, N. Dak. Plant waterer. 1,453,401; May 1.
Matulich, Charles de C., Henley Beach, South Australia, Australia. Electric kettle. 1,454,448; May 8.
Matyas, Joseph, Astoria, N. Y., assignor, by mesne assignments, to American Musifer Company, Inc., New York, N. Y. Musical instrument. 1,443,961; Feb. 6.
Mau, Louis A., assignor to Milwaukee Auto Engine and Supply Company, Milwaukee, Wis. Contact and making same. 1,462,609; July 24.
Mauborgne, Joseph O. (See Cohen, L. and Mauborgne.)
Mauch, John L., Gulf, Tex. Distribution system for feeding hot liquid material to traveling belts. 1,467,867; Sept. 11.
Mauch, John L., Gulf, Tex. Cooling device for casting machines. 1,467,902; Sept. 11.
Mauck, Victor, Norristown, Pa. Welding. 1,443,982; Jan. 23.
Mauck, Victor, Norristown, Pa. Shell-forming mechanism. 1,469,565; Oct. 2.
Mauck, Victor, Norristown, assignor to John Wood Manufacturing Company, Conshohocken, Pa. Can-forming mechanism. 1,468,724; Sept. 25.
Mauclère, Pierré A. P. V., Paris, France. Safety system for storing inflammable liquids. 1,446,263; Feb. 20.
Mauclère, Pierre A. P. V., Paris, France. Liquid-dispensing station. 1,460,389; July 3.
Maudslay, Reginald W., Coventry, England. Electrically-operated warning horn. 1,477,375; Dec. 11.
Mauerhan, John E., Oakland, Calif. Davenport. 1,447,314; Mar. 6.
Mauerhofer, Louis, New York, N. Y. Varnish composition. 1,458,493; June 12.

Alphabetical list of patentees—Continued.

Maujer, Robert I., Cincinnati, Ohio, assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. System of control for synchronous motors driving through clutches. 1,474,976; Nov. 20.
Maulding, John H., Los Angeles, Calif., assignor to Kert-O-Shield Mfg. Association, San Antonio, Tex. Wind deflector for automobiles. 1,443,713; Jan. 30.
Maulding, John H., Los Angeles, Calif., assignor to Kert-O-Shield Mfg. Association, San Antonio, Tex. Tonneau windshield. 1,444,200; Feb. 6.
Maull, Edward N., Orlando, assignor to Skinner Machinery Company, Dunedin, Fla. Buffing machine. 1,461,134; July 10.
Maupin, Dexter W., and R. C. Teegarden, Boulder, Colo. Pipe coupler. 1,471,045; Oct. 16.
Maupin, Graves R., assignor to The J. Faessler Manufacturing Company, Moberly, Mo. Flue cutter. 1,443,799; Jan. 30.
Mauran, Max, Niagara Falls, N. Y., assignor to Mathieson Alkali Works, Inc. Commutator-grinding machine. 1,446,982; Feb. 27.
Mauran, Max, Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Multitank cradle. 1,453,474; May 1.
Mauran, Max, Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Multiple-unit tank car. 1,453,475; May 1.
Mauran, Max, Niagara Falls, assignor to The Mathieson Alkali Works Inc., New York, N. Y. Double-tier multiple-unit tank car. 1,453,476; May 1.
Mauran, Max, Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Multiple-unit tank car. 1,458,588; June 12.
Maurer, Albert, New York, N. Y. Medal holder. 1,455,143; May 15.
Maurer, Edward P., Cleveland, Ohio. Transformer. 1,457,784; June 5.
Maurer, Herman W., Cleveland, Ohio. Collapsible wall. 1,460,597; July 3.
Maury, Alfred D., Ilion, assignor to Martin Automatic Fishing Reel Company, Mohawk, N. Y. Fixed line protector for fishing reels. 1,444,201; Feb. 6.
Maury, Alfred D., Ilion, assignor to Martin Automatic Fishing Reel Company, Mohawk, N. Y. Automatic fishing reel. 1,469,845; Oct. 9.
Maus, Frank, assignor of one-half to S. J. Spoelstra, San Jose, Calif. Cooling and dehydrating materials. 1,446,054; Feb. 20.
Maus, Lorenzo F., Chicago, Ill. Slicer. 1,462,717; July 24.
Mauss, Wilhelm, assignor to Continuous Centrifugals Limited. Johannesburg, Transvaal Province of Union of South Africa. Centrifugal decanter and process. 1,441,732; Jan. 9.
Mauss, Wilhelm, assignor to Continuous Centrifugals Limited. Johannesburg, Transvaal Province, Union of South Africa. Heat treatment of liquid. 1,454,553; May 8.
Maussner, Frederick, Collingswood, N. J., and I. B. Ritter, Philadelphia, assignors to Henry Wilhelm Company, Pittsburgh, Pa. Edge-forming machine for sheets of hair or fiber. 1,446,475; Feb. 27.
Maussner, Frederick, Collingswood, N. J., and I. B. Ritter, Philadelphia, assignors to Henry Wilhelm Company, Pittsburgh, Pa. Pneumatic feeding device. 1,468,028; Sept. 18.
Mautner, Oscar, et al. (See Faralla, Raoul A., assignor.)
Mautner, Oscar, assignor of one-half to C. Kraft, New York, N. Y. Envelope. 1,467,803; Sept. 11.
Mauvais, Ernest, assignor to Multi-Copy Writer Corporation, Ltd., Seattle, Wash. Multicopy writer. 1,463,478; July 31.
Mawhinney Last Company. (See Howe, Oliver J., assignor.)
Max Ams Machine Company, The. (See Brenzinger, Julius, assignor.)
Maxey, Augustus G. (See Christian, W. W., and Maxey.)
Maxey, Augustus G., Owensboro, Ky. Mail box. 1,474,424; Nov. 20.
Maxey, William W., Venice, Calif. Safety pin. 1,456,070; May 22.
Maxfield, Joseph P., Millburn, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Vibration detector. 1,463,830; Aug. 7.
Maxim, Edward R., Cambridge, England. Auger, router, or like tool for boring or sinking operations in wood or other soft materials. 1,444,626; Feb. 6.
Maximum Motors Co. (See Foulke, Francis E., assignor.)
Maxson, Walter L., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Desulphurizing zinciferous sulphide ores. 1,463,901; Aug. 7
Maxwell, Bert E., Wichita, Kans. Machine for pulling treads from tires and for separating plys of fabric. 1,443,495; Jan. 30.
Maxwell, David G., Toronto, Ontario, Canada. Advertising device. 1,472,733; Oct. 30.
Maxwell, Erastus M., Cardinal, Va. Merry-go-round. 1,466,845; Sept. 4.
Maxwell, Frank R., jr., Dedham, Mass. Airplane. 1,456,643; May 29.
Maxwell, George H., assignor of one-fourth to L. Steinmetz, Evansville, Ind. Apparatus for handling and storing milk. 1,442,167; Jan. 16.
Maxwell, Joseph M., Wichita, Kans. Regenerating beds of exchange silicates. 1,450,985; Apr. 10.
Maxwell, Maxwell C., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lock structure. 1,470,858; Oct. 16.
Maxwell, Myrtle, assignor to R. A. Baker, Los Angeles, Calif. Hosiery-display fixture. Des. 61,835; Jan. 23.
Maxwell Paint Company. (See Remington, Joseph P., assignor.)
Maxwell, Rudolph N., Cincinnati, Ohio. Game. 1,461,218; July 10.
Maxwell, William, Revere, Mass. Scenic effect. 1,451,046; Apr. 10.
Maxwell, William, and L. A. Barker, Fredericktown, Ohio. Train stop. 1,459,029; June 19.
May, Adam J., assignor to Ritter Dental Mfg. Company, Rochester, N. Y. Article-supporting means. 1,440,401; Jan. 2.
May, Charles A., assignor to Maddock Pottery Company, Trenton, N. J. Plate or similar article. Des. 62,090; Mar. 13.
May, Charles A., assignor to Maddock Pottery Company, Trenton, N. J. Plate or similar article. Des. 62,208; Apr. 10.
May, David T., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical protective device. 1,448,559; Mar. 13.
May, Frederic, Vienna, Austria. Cutting device for copying machines. 1,451,445; Apr. 10.
May, Frederick. (See Bangert, A., and May.)
May, George W., Akron, Ohio. Horseshoe for pitching contests. 1,453,156; Apr. 24.
May, Harold N., New Orleans, La. Adjustable curtain carrier. 1,463,711; July 31.
May, Henry A. (See Jackson, Harry R., assignor.)
May, Henry A. (See Jackson, H. R., and May.)
May, James A., Nashville, N. C. Fish-stringing line. 1,477,656; Dec. 18.
May, Joseph, Frankfort-on-the-Main, Germany. Pen cleaner. 1,468,122; Sept. 18.
May, Joseph, assignor of one-half to J. McPhee, Portland, Oreg. Nursing bottle, 1,448,309; Mar. 13.
May, Lena O. (See May, William H., assignor.)
May, Michel, Los Angeles, Calif. Heat retaining and conducting attachment for burner stoves. 1,467,868; Sept. 11.
May, Robert E. L., Hinesville, Ga. Cultivator. 1,458,837; June 12.
May, William H., assignor to L. O. May, Atlanta, Ga. Piston. 1,471,969; Oct. 23.
Maybach, Karl, assignor to the Firm: Maybach Mortorenbau Gesellschaft mit beschrankter Haftung, Friedrichshafen A/B., Germany. Motor-feed-regulating device. 1,444,159; Feb. 6.
Maybach, Karl, assignor to the Firm Maybach-Motorenbau Gesellschaft mit beschrankter Haftung, Friedrichshafen, Germany. Vehicle brake. 1,469,232; Oct. 2.
Maybach-Motorenbau Gesellschaft mit beschrankter Haftung. (See Maybach, Karl, assignor.)
Mayberry, Hagar B., Gladstone, N. J. Tool for manual direction. 1,475,444; Nov. 27.
Mayberry, Harry A., McLeansboro, Ill. Automobile radiator cap. 1,457,070; May 29.
Mayberry, James D., Minneapolis, Minn. Convertible chair, ironing board, and table. 1,452,749; Apr. 24.
Mayberry, Thomas A., Los Angeles, assignor of four-fifths to W. E. Winfield, La Verne, and one-fifth to M. Thompson, Pomona, Calif. Mold for making cementitious products. 1,452,247; Apr. 17.
Maychoff, M. N., & Co. (See Moore, Howard R., assignor.)
Mayer, Alvin L., New York, N. Y. Ferrotyping, polishing, and drying apparatus. 1,469,099; Sept. 25.
Mayer, Carl A., assignor to American Bosch Magneto Corporation, Springfield, Mass. Timing mechanism. 1,463,367; July 31.
Mayer, Carl F., assignor to The Swartwout Company, Cleveland, Ohio. Heat-insulating wall. 1,468,573; Sept. 18.
Mayer, Charles B., Philadelphia, Pa. Electrical valve. 1,475,129; Nov. 20.
Mayer, Emil, and A. Leib, assignors to Gesellschaft für Drahtlose Telegraphie m. b. H. Hallesches, Berlin, Germany. Circuit arrangement for receiving radioenergy. 1,469,328; Oct. 2.
Mayer, Frank A., Washington, D. C. Locomotive ash pan. 1,472,659; Oct. 30.
Mayer, Frank D., and A. B. Vance, assignors to The Essenkay Products Company, Chicago, Ill. Machine for placing automobile tires on rims. 1,445,784; Feb. 20.
Mayer, Fred G., assignor to Starr Piano Company, Richmond, Ind. Automatic stop for phonographs. 1,450,299; Apr. 3.
Mayer, Friedrich, Munich, Germany. Rolling-mill apparatus. 1,474,055; Nov. 13.
Mayer, Fritz, Ulm, Bavaria, assignor to J. Keller, Oberlenningen-Teck, Wurttemberg, Germany. Hydraulic coupling. 1,472,930; Nov. 6.
Mayer, Fritz, Ulm-on-the-Danube, assignor to J. Keller, Oberlenningen-Teck, Wurttemberg, Germany. Motor car. 1,473,194; Nov. 6.

Mayer, Fritz, deceased, Ulm, assignor, by mesne assignments, to J. Keller, Oberlenningen-Teck, Wurttemberg, Germany. Device for distributing fluid pressure to hydraulic couplings. 1,475,020; Nov. 20.
Mayer, Fritz, Nuremberg, Germany, assignor to B. Stoerzer, Brooklyn, N. Y. Continuous kiln. 1,477,837; Dec. 18.
Mayer, George A., Lakewood, assignor to The Mani-Fold Company, Cleveland, Ohio. Form sheet. 1,477,581; Dec. 18.
Mayer, Grover C. F., Brooklyn, N. Y. Window guard. 1,451,172; Apr. 10.
Mayer, Henry, Arbon, G. Schlatter, Steinach, and P. Boeckly, assignors to Societe Anonyme Adolphe Saurer, Arbon, Switzerland. Dumping wagon. 1,472,484; Oct. 30.
Mayer, John F. (See Taylor, Samuel W., assignor.)
Mayer, Joseph F., St. Louis, Mo. Vehicle jack. 1,444,931; Feb. 13.
Mayer, Joshua W., New York, N. Y. Ring or similar article. Des. 62, 063; Mar. 13.
Mayer Life Boat Co. (See Allbin, Sim E., assignor.)
Mayer, Louis, assignor to Kaukauna Machine Works, Kaukauna, Wis. Thistle eradicator. 1,447,315; Mar. 6.
Mayer, Marie, deceased. (See Mayer, Mathew, assignor.)
Mayer, Mathew, deceased, assignor of one-half to M. Mayer, deceased, Euclid, Ohio; I. R. Winsper, administrator. Stand or holder for Christmas trees, flowerpots, etc. 1,460,859; July 3.
Mayer, Max, et al., trustees. (See Rosenberg, Arthur, assignor.)
Mayer, Michael. (See Radó, A., Mayer, and von Egerházy.)
Mayer, Robert S. (See Hirschfeld, H. C., and Mayer.)
Mayer, Vilhelm, Chicago, Ill., assignor, by mesne assignments, to U. S. Sample Company. Bevel-cutting machine. 1,464,613; Aug. 14.
Mayer, Waldemar F., Philadelphia, Pa., assignor to Taylor-Wharton Iron and Steel Company, High Bridge, N. J. Balanced hydraulic pump or motor. 1,455,443; May 15.
Mayer, Waldemar F., Philadelphia, Pa., assignor to Taylor-Wharton Iron and Steel Company, High Bridge, N. J. Hydraulic pump or motor. 1,455,753; May 15.
Mayer, Waldemar F., Philadelphia, Pa., assignor to Taylor-Wharton Iron and Steel Company, High Bridge, N. J. Means for operating hydraulic pullback presses. 1,468,604; Sept. 18.
Mayer, Waldemar F., Philadelphia, Pa., assignor to Taylor-Wharton Iron and Steel Company, High Bridge, N. J. Means for controlling hydraulic presses. 1,468,605; Sept. 18.
Mayer, Walter S. (See Hawkins, Harry L., assignor.)
Mayer, Walter S., assignor to Heinemann Electric Company, Philadelphia, Pa. Plug-receiving wall outlet. 1,453,590; May 1.
Mayer, Walter S., assignor to Heinemann Electric Company, Philadelphia, Pa. Electric switch. 1,453,591; May 1.
Mayes, James H., et al. (See Glass, John E., assignor.)
Mayes, John, Wichita, Kans. Apparatus for refining crude oil. 1,451,739; Apr. 17.
Mayes, John, and R. Homrighous, Wichita, Kans. Apparatus for extracting oil from shales. 1,465,277; Aug. 21.
Mayfair Optical Company. (See Pyser, Charles S., assignor.)
Mayhew, Edward A., assignor to The Damascus Brake Beam Company, Cleveland, Ohio. Reversible brake-beam fulcrum. 1,473,116; Nov. 6.
Mayhugh, Jesse P., Glassport, Pa. Portable extensible support. 1,448,932; Mar. 20.
Mayle, Francis C. (See Hipwood, George, assignor.)
Maynard, Albert C., Berkeley, Calif. Vanity case. 1,457,541; June 5.
Maynard, Albert E., assignor to American Optical Company, Southbridge, Mass. Tool holder for grinding machines. 1,448,694; Mar. 13.
Maynard, Albert E., assignor to American Optical Company, Southbridge, Mass. Lens holder for edging machines. 1,448,695; Mar. 13.
Maynard, Albert E., assignor to American Optical Company, Southbridge, Mass. Spectacle-frame-coating machine. 1,454,177; May 8.
Maynard, Albert E., and W. A. Gunning, assignors to American Optical Company, Southbridge, Mass. Toric-lap former. 1,455,444; May 15.
Maynard, Albert E., and W. A. Gunning, Southbridge, Mass., assignors to American Optical Company. Edging machine. 1,470,995; Oct. 16.
Maynard, Charles E., Northampton, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Tube-stripping nozzle. 1,445,701; Feb. 20.
Maynard, Harold B., sr., Brooklyn, N. Y. Fuel-saving device for heaters. 1,441,938; Jan. 9.
Maynard, Joseph S., Cincinnati, Ohio, assignor to The Richardson Company, Lockland, Ohio. Applying felt insulation. 1,474,423; Nov. 20.
Maynard, Rae E. (See Mac Arthur, William J., assignor.)
Mayne, James F., Norwalk, Ohio. Window cleaner. 1,454,481; May 8.
Maynes, Hyla F., Gaines, Pa. Amusement apparatus. 1,461,322; July 10.
Mayno, George F. (See Hapgood, C. H., and Mayno.)
Mayo, Benjamin F., Salem, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heeling machine. 1,447,261; Mar. 6.
Mayo, Benjamin F., deceased, E. Mayo, executrix, Salem, assignor of one-third to J. A. Brogan, Lawrence, Mass., and one-third to P. F. Brogan, New York, N. Y. Heat-responsive device. 1,445,702; Feb. 20.
Mayo, Charles M., Indianapolis, Ind. Forming receptacles. 1,470,021; Oct. 9.
Mayo, Edward H., Moss Point, Miss. Paper-roll plug. 1,459,596; June 19.
Mayo, Ernest A., Evanston, Ill. Building construction. 1,462,208; July 17.
Mayo, Etta, executrix. (See Mayo, Benjamin F.)
Mayo, Milford C., assignor to The Canton Pneumatic Tool Company, Canton, Ohio. Pressure regulator. 1,474,841; Nov. 20.
Mayo, Robert D., Cleveland, Ohio. Combined tooth-brush and water-glass holder. 1,461,804; July 17.
Mayol, Frank E., Salt Lake City, Utah. Container for frozen dainties. Des. 62,640; July 10.
Mayotte, John, assignor of one-half to J. Soulier, Odanah, Wis. Metallic beam splice. 1,477,838; Dec. 18.
Mays Accounting Machine Company. (See Mays, James F., assignor.)
Mays, Harry C., Altoona, Pa. Swing attachment. 1,445,098; Feb. 13.
Mays, James F., assignor to Mays Accounting Machine Company, Lexington, N. C. Calculating machine. 1,441,733; Jan. 9.
Mays, James F., assignor to Mays Accounting Machine Company, Lexington, N. C. Resetting mechanism for calculating machines. 1,441,734; Jan. 9.
Mays, James M., Pittsburgh, Pa., Saw clamp. 1,441,869; Jan. 9.
Maytag Company. (See Snyder, Howard F., assignor.)
Mayville, Louis H., Granite Heights, Wis. Rail brace. 1,474,278; Nov. 13.
Maze, Charles A. F., dit D. Maze, Paris, France. Gun. 1,450,558; Apr. 3.
Mazsick, Frank W., North Milwaukee, Wis. Cabinet. 1,473,793; Nov. 13.
Mazza, Ben, Grand Junction, Colo. Electric switch. 1,459,956; June 26.
Mazza, Guido, Turin, Italy. Reciprocating electric motor. 1,471,698; Oct. 23.
Mazzie, Charles A., Detroit, Mich. Bank-protecting device. 1,463,368; July 31.
McAdam, Charles, Company. (See Olsen, Victor O., assignor.)
McAdam, Dunlap J., jr., Annapolis, Md., assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Impact-testing machine. 1,462,813; July 24.
McAdie, Alexander, Milton, Mass. Nephoscope. 1,446,574; Feb. 27.
McAfee, Almer M., Port Arthur, Tex., assignor to Gulf Refining Company, Pittsburgh, Pa. Process of and apparatus for the manufacture of lower-boiling hydrocarbons from higher-boiling hydrocarbons. 1,476,091; Dec. 4.
McAfee, Almer M., Port Arthur, Tex., assignor to Gulf Refining Company, Pittsburgh, Pa. Distilling oil with aluminum chloride. 1,478,444; Dec. 25.
McAleer, John S. (See Bottone, Victor R., assignor.)
McAlevey, William R. (See Brown, F. D., and McAlevey.)
McAllaster, George R., Rochester, N. Y. Folding bed. 1,456,988; May 29.
McAllister, Fredrick J., Elyria, Ohio, assignor of one-eighth to A. E. Simmons and one-eighth to F. Henke, Elyria, Ohio. Building-material composition. 1,463,123; July 24.
McAllister, John E. (See Patton, J. F., and McAllister.)
McAlonie, Howard. (See Slattery, M. F., and McAlonie.)
McAlvay, Budd D., et al. (See Deakins, G. C., and Hamer, assignors.)
McAnally, William R., Fort Dodge, Iowa. Light reflector. 1,450,376; Apr. 3.
McAnulty, Andrew, Ottawa, Ontario, Canada. Safety guard for razors. 1,461,490; July 10.
McArdle, Fred W., Boston, Mass. Machine for molding articles from plastic material. 1,455,634; May 15.
McArthur, Charles D., Pittsburgh, Pa., assignor to Blaw-Knox Company. Form for tunnels and culverts. 1,460,165; June 26.
McArthur, Emmett A., Rodeo, Calif. Vanity case. 1,469,524; Oct. 2.
McArthur, George. C. Colpus, W. J. Scammell, and W. F. Thompson, Wellington, New Zealand. Water-cooling device for internal-combustion engines. 1,443,870; Jan. 30.
McArthur, John, Detroit, Mich. Vehicle sash construction. 1,457,178; May 29.
McArthur, John, Detroit, Mich. Door lock. 1,460,166; June 26.
McArthur, Mary J., Cleveland, Ohio. Window box. 1,442,579; Jan. 16.
McArthur, Neill D., Danville, Va. Sawing machine. 1,454,901; May 15.
McArthur, William, Tenino, Wash. Burner. 1,447,095; Feb. 27.
McAvoy, Francis J., Newark, N. J. Auxiliary train-controlling means. 1,442,692; Jan. 16.

Alphabetical list of patentees—Continued.

McAvoy, John A., Chicago, Ill., assignor, by mesne assignments, to Stewart Manufacturing Corporation, Wilmington, Del. Auto window frame. 1,469,229; Oct. 2.
McBee Binder Company, The. (See McBee, Charles F., assignor.)
McBee Binder Company. (See McBee, Harry B., assignor.)
McBee, Charles F., assignor to The McBee Binder Company, Athens, Ohio. Locking device for loose-leaf files. 1,440,477; Jan. 2.
McBee, Charles F., assignor to The McBee Binder Company, Athens, Ohio. Binding machine. 1,452,565; Apr. 24.
McBee, Charles F., assignor to The McBee Binder Company, Athens, Ohio. Locking device for loose-leaf files or binders. 1,469,388; Oct. 2.
McBee, Harry B., St. Louis, Mo., assignor to McBee Binder Company, Athens, Ohio. Printing press. 1,453,363; May 1.
McBee, Harry B., St. Louis, Mo., assignor to McBee Binder Company, Athens, Ohio. Mounting for make-up frames for printing presses. 1,455,257; May 15.
McBerty, Frank R., Evanston, Ill., assignor, by mesne assignments, to Western Electric Company, Incorporated. Automatic telephone-exchange system. 1,470,664; Oct. 16.
McBerty, Fred P., Warren, Ohio. Universal point and carrier for welders. 1,474,199; Nov. 13.
McBride, Charles B., Sebring, Ohio. Metallic window screen. 1,475,126; Nov. 20.
McBride, Charles C., Sanger, Calif. Extracting precious metals. 1,447,140; Feb. 27.
McBride, Cleavie, Los Angeles, Calif. Oven. 1,461,280; July 10.
McBride, Eugene. (See Reily, John P., assignor.)
McBride, Hiram Y., assignor to The United States Wool Company, Denver, Colo. Wool cleaning. 1,449,613; Mar. 27.
McBride, Hiram Y., assignor to The United States Wool Company, Denver, Colo. Wool product. 1,449,826; Mar. 27.
McBride, Jesse E., assignor to Palmer-Bee Company, Detroit, Mich. Conveyer. 1,447,219; Mar. 6.
McBride, Jesse E., assignor to Palmer-Bee Company, Detroit, Mich. Conveying system. 1,459,916; June 26
McBurney, Willard B., Atlanta, Ga. Stoking grate. 1,459,980; June 26.
McCaa, David G., Lancaster, Pa., assignor of one-third to Federal Telegraph Company, San Francisco, Calif. Signaling apparatus. 1,459,308; June 19.
McCaa, David G., Lancaster, Pa., assignor of one-third to Federal Telegraph Company, San Francisco, Calif. Method of and apparatus for electrical communication. 1,459,786; June 26.
McCaa, David G., Palo Alto, Calif., assignor of one-half to C. D. Ehret, Philadelphia, Pa. Current relaying and production. 1,466,912; Sept. 4.
McCabe, Hugh, Lawrence, Mass. Flanging machine. 1,449,427; Mar. 27.
McCabe, Hugh, Lawrence, Mass. Flanging machine. 1,460,167; June 26.
McCabe, Hugh, Lawrence, Mass. Flanging machine. 1,461,041; July 10.
McCabe, James L., Wichita, Kans. Electrically-operating treating chamber for hydrocarbon vapors and gases. 1,455,088; May 15.
McCabe, John J., assignor to The Warner Brothers Company, Bridgeport, Conn. Corset boning and making the same. 1,444,799; Feb. 13.
McCabe, William M., Philadelphia, Pa. Cleaner for potatoes and the like. 1,441,161; Jan. 2.
McCaffrey, Thomas J., Seattle, Wash. Inner tube. 1,450,096; Mar. 27.
McCaffrey, William H., assignor of one-half to J. A. Meadows, Birmingham, Ala. Car coupler. 1,468,725; Sept. 25.
McCahey, George F., assignor to New England Butt Company, Providence, R. I. Braiding-machine carrier. 1,444,513; Feb. 6.
McCain, William E., Erie, Pa. Ditching machine. 1,471,498; Oct. 23.
McCaleb, Lon, Dyersburg, Tenn. Drying support for articles. 1,457,444; June 5.
McCall, Charles D., Atlanta, Ga. Hopper for heating pipes. 1,444,319; Feb. 6.
McCall, Charles W., Oakland, Calif. Detachable book leaf. 1,459,338; June 19.
McCall, John D. (See Boutee, Octave J., assignor.)
McCallen, Walter F., assignor of one-half to A. E. Elliott, Independence, Mo. Internal-combustion engine. 1,473,486; Nov. 6.
McCallum, Albert E., Ypsilanti, Mich. Wall form. 1,467,903; Sept. 11.
McCalpin, Robert. (See Christensen, C. C., and McCalpin.)
McCambridge, Thomas F., Akron, Ohio. Rim. 1,449,185; Mar. 20.
McCandlish, William H., Ware, assignor of one-third to Sabulite (Great Britain) Limited, London, and one-third to J. Bellingham, St. Clements, Jersey, Channel Islands, England. Machine for molding and pressing concrete and similar material into block form. 1,442,283; Jan. 16.
McCann, Alfred R., assignor to The Liberty Machine Tool Co., Hamilton, Ohio. Planer. 1,447,422; Mar. 6.
McCann, Alfred R., assignor to The Liberty Machine Tool Co., Hamilton, Ohio. Dial. 1,459,917; June 26.
McCann, Alfred R., assignor to The Liberty Machine Tool Co., Hamilton, Ohio. Clamp. 1,467,182; Sept. 4.
McCann, George F., Jersey City, N. J. Doll. Des. 62,223; Apr. 17.
McCann, Grant, et al. (See Hubble, Joseph H., assignor.)
McCann, Michael, Glenmorris, N. Y., assignor to Frederick Osann Company. Driving mechanism for light machines. 1,443,795; Jan. 30.
McCann, Michael, Glenmorris, assignor to Frederick Osann Company, New York, N. Y. Friction-clutch mechanism. 1,456,320; May 22.
McCann, Michael, Glenmorris, assignor to Frederick Osann Company, New York, N. Y. Snap-fastener clamp for sewing machines. 1,461,427; July 10.
McCann, Michael, Glenmorris, assignor to Frederick Osann Company, New York, N. Y. Sewing machine. 1,461,428; July 10.
McCann, Michael, Glenmorris, assignor to Frederick Osann Company, New York, N. Y. Buttonhole-cutter mechanism. 1,473,240; Nov. 6.
McCann, Michael, Glenmorris, assignor to Frederick Osann Company, New York, N. Y. Work clamp for buttonhole-sewing machines. 1,477,142; Dec. 11.
McCann, Ronald A., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,466,055; Aug. 28.
McCann, Ronald A., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,478,667; Dec. 25.
McCann, Ronald A., Swissvale, and L. V. Lewis, Edgewood Borough, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,469,799; Oct. 9.
McCann, William F., et al. (See Paull, Arvin R., assignor.)
McCardia, Samuel, Strathcona, Canada. Flypaper holder. 1,451,583; Apr. 10.
McCarley, Clark V., Toledo, Ohio. Device for feeding moist air and steam to carburetors. 1,470,692; Oct. 16.
McCarthy, Charles J. (See Field, J. C., and McCarthy.)
McCarthy, Charles M., Minneapolis, Minn. Wire-cloth-display roll rack. 1,462,349; July 17.
McCarthy, Charles M., Norfolk, Va. Lock. 1,466,537; Aug. 28.
McCarthy, Daniel J., Elgin, assignor to Chicago Railway Signal and Supply Company, Chicago, Ill. Signal device. 1,451,166; Apr. 10.
McCarthy, Daniel J., Elgin, assignor to Chicago Railway Signal and Supply Company, Chicago, Ill. Light-projecting apparatus. 1,463,623; July 31.
McCarthy, Daniel J., Elgin, Ill., assignor to Chicago Railway Signal and Supply Company. Chromatic light signal system. 1,475,709; Nov. 27.
McCarthy, Edward F., Chicago, Ill. Hydraulic clutch for transmitting rotative motion from a driven shaft to a driving shaft. 1,473,487; Nov. 6.
McCarthy, Edward F., assignor to The Ramo Manufacturing Company, Chicago, Ill. Shock absorber for vehicles. 1,466,368; Aug. 28.
McCarthy, John H. (See Finch, Evander M., assignor.)
McCarthy, Joseph, Spokane, Wash. Automobile signal. 1,472,248; Oct. 30.
McCarthy, Michael M. (See Lichtenberg, F., and McCarthy.)
McCarty, Dwight G., Emmetsburg, Iowa. Sorting table or file-distributing device. 1,478,876; Dec. 25.
McCarty, Eugene J., Clinton, Mass. Boiler-tube-cleaning machine. 1,476,901; Dec. 11.
McCarty, Grace F., Chicago, Ill. Toilet-powder package. 1,468,164; Sept. 18.
McCarty, John H., Detroit, Mich. Race-course time record. 1,445,095; Feb. 13.
McCathron, Henry N., Bridgeport, Conn. Boiler-tube repair plug. 1,459,542; June 19.
McCaulay, Chester B., Palo Alto, Calif. Hydraulic-nozzle construction. 1,451,165; Apr. 10.
McCauley, Ernest G., Dayton, Ohio. Propeller for aircraft. 1,458,213; June 12.
McCauley, Ernest G., Dayton, Ohio. Synchronizing control mechanism for reversible pitch propellers. 1,458,214; June 12.
McCauley, Ernest G., Dayton, Ohio. Propeller reversible blade and wood-retaining ferrule. 1,458,215; June 12.
McCauley, Francis W., Goodes, Va. Nonfreezing attachment for water tanks. 1,442,231; Jan. 23.
McCauley, James, New York, N. Y. Combined gas heat and light burner. 1,451,951; Apr. 17.
McCausland, John W., assignor to Safford Sales Company, Chicago, Ill. Bumper. 1,477,141; Dec. 11.
McCavitt, John P., assignor of one-half to R. Waddicor, Fall River, Mass. Spinning frame and cam. 1,465,238; Aug. 14
McChain, Louis C., Finleyville, Pa. Farm gate. 1,446,575; Feb. 27.
McChesney, John S., Chicago, Ill., assignor, by mesne assignments, to Cary Manufacturing Co., Brooklyn, N. Y. Wire-splicing tool. 1,445,634; Feb. 20.

McChesney, John S., Chicago, Ill., assignor, by mesne assignments, to Cary Manufacturing Co., Brooklyn, N. Y. Wire-splicing tool. 1,445,635; Feb. 20.
McChesney, Lillian, Honolulu, Hawaii. Doll. Des. 62,913; Aug. 21.
McClain, Hugh F., Kansas City, Mo. Dumping truck. 1,447,590; Mar. 6.
McClain, John R. (See Burr, G. A., McClain, and Frost.)
McClain, John W., Chicago, Ill. Self-lighting cigarette. 1,454,902; May 15.
McClaren Rubber Company. (See Downes, Elmer N., assignor.)
McClarren, Samuel T., St. Petersburg, Fla. Window-operating device. 1,453,881; May 1.
McClaskey, Frank T., Sacramento, Calif. Dental appliance. 1,474,084; Nov. 13.
McClatchie, Stanley, Cambridge, Mass., assignor to The Connecticut Electric Manufacturing Company, Bridgeport, Conn. Attachment plug. 1,451,704; Apr. 17.
McClay, Roy C., assignor of one-half to W. H. Myers, Los Angeles, Calif. Combined reamer and polisher. 1,467,977; Sept. 11.
McCleary, Elmer T. (See Schoenfeldt, H. W., Reinhardt, and McCleary.)
McCleary, Lenwood, Chicago, Ill. Bell ringer. 1,455,635; May 15.
McCleeary, Alfred W., Des Moines, Iowa. Holder for swinging doors. 1,469,800; Oct. 9.
McClellan, Asa C. D., Memphis, Tenn. Thermometer case. 1,478,286; Dec. 18.
McClellan, Edward J., New York, N. Y., assignor to The Garvin Machine Company. Tapping machine. 1,459,981; June 26.
McClelland, Charles S. (See Vance, C. E., and McClelland.)
McClelland Hardware Company. (See Utter, Bror A., assignor.)
McClelland, William A., Ridgewood, N. J., assignor to The Fuchs & Lang Manufacturing Company. Collector receptacle. 1,455,117; May 15.
McClellon, Harold B., administrator. (See McClellon, James M.)
McClellon, James M., deceased, Everett, Mass.; H. B. McClellon, administrator. Boiler. 1,474,156; Nov. 13.
McClenathen, Robert, Cuyahoga Falls, Ohio, assignor to Kelly Springfield Tire Co. Bead-making machine. 1,451,837; Apr. 17.
McClenathen, Robert, Cuyahoga Falls, Ohio, assignor to Kelly Springfield Tire Co. Rubber-tire-forming roller. 1,456,109; May 22.
McClenathen, Robert, and H. G. Arthur, assignors to Kelly-Springfield Tire Company, Akron, Ohio. Tire trimmer. 1,440,397; Jan. 2.
McClenny, Robert J., East Palatka, Fla. Barrel-setting-up machine. 1,475,305; Nov. 27.
McClintock, Charles N., Elwood, Ind. Tire and rim construction. 1,462,117; July 17.
McClintock, Lewis G., Pittsburgh, Pa., assignor to Pittsburgh Transformer Company. Transformer-tank support. 1,463,962; Aug. 7.
McClintock, Lewis G., Pittsburgh, Pa., assignor to Pittsburgh Transformer Company. Welding process and product. 1,477,143; Dec. 11.
McClintock, O. B., Company. (See Jones, Earle M., assignor.)
McClintock, Ora D., Chicago, Ill. Hair curler. 1,459,228; June 19.
McClintock, Ora D., San Francisco, Calif. Hair curler. 1,461,533; July 10.
McClintock, Robert W., and D. McKinnon, Toronto, Ontario, Canada. Electrolytic rectifier. 1,460,104; June 26.
McClintock, William, New York, N. Y. Fire-hose rack. 1,471,499; Oct. 23.
McClintock, William, New York, N. Y. Hose rack. 1,471,500; Oct. 23.
McClintock, William O., Walnut, Calif. Heat distributor for orchard burners. 1,464,913; Aug. 14.
McCloskey, Alfred C., assignor to F. W. Bacon, Philadelphia, Pa. Combined bumper and fender for motor vehicles. 1,466,883; Sept. 4.
McCloskey, Alfred C., assignor to F. W. Bacon, Philadelphia, Pa. Combined bumper and fender for motor vehicles. 1,477,275; Dec. 11.
McCloskey, Paul J., New Brunswick, N. J. Lever slot closure. 1,457,082; May 29.
McCloskey, Thomas J., assignor to Universal Transmission Company, Seattle, Wash. Transmission mechanism. 1,472,724; Oct. 30.
McCloud, Edward L., Esparto, and P. Kerwin, Manchester, Calif. Power pipe tongs. 1,478,668; Dec. 25.
McCloud, John M., Brooklyn, N. Y. Mount for vehicle curtain window panes. 1,452,612; Apr. 24.
McCloy, John H., Pittsburgh, Pa. Coupling. 1,471,520; Oct. 23.
McClung, John W. (See Cox, Jesse C., and McClung.)
McClure, Benjamin C., Hartsdale, N. Y., assignor to Johns-Manville, Incorporated. Automatic leak detector. 1,478,445; Dec. 25.
McClure, Claude H., Oaktown, Ind. Harvester. 1,475,073; Nov. 20.
McClure, Edd M., and J. O. McMurphy, assignors of one-third to Frank P. Weber, Lamar, Mo. Child's vehicle. 1,443,424; Jan. 30.
McClure Electric Oiling System. (See McClure, Ralph R., assignor.)
McClure, Harry W., Ann Arbor, Mich. Shower-bath apparatus. 1,443,753; Jan. 30.
McClure, Ralph R., San Francisco, Calif., assignor to McClure Electric Oiling System. Electrically-operated oil cup. 1,454,123; May 8.
McClure, Robert P. (See Simpson, J., and McClure.)
McClure, Rodney N., Los Angeles, Calif. Direction indicator. 1,463,826; Aug. 7.
McClure, Rodney N., Los Angeles, Calif. Direction indicator for motor vehicles. 1,467,487; Sept. 11.
McClure, Silas, Minneapolis, Minn. Thermostatic mechanism. 1,472,725; Oct. 30.
McColl, Irvine, Grand Rapids, Mich. Receptacle or package. 1,463,516; July 31.
McCollister, Thurman P., Silver City, N. Mex. Coupler for railway cars. 1,475,127; Nov. 20.
McCollough, James H., jr., San Jose, Calif. Automobile seat. 1,441,534; Jan. 9.
McCollough, James H., jr., San Jose, Calif. Automobile seat. 1,445,404; Feb. 13.
McCollough, W. A., & Sons, Inc. (See McCollough, William A., assignor.)
McCollough, William A., Webster City, Iowa. Invalid's bed. 1,476,902; Dec. 11.
McCollough, William A., assignor to W. A. McCollough & Sons, Inc., Webster City, Iowa. Water heater. 1,448,074; Mar. 13.
McComas, Eugene B., Albuquerque, N. Mex. Combined lid opener and hinge for cans. 1,440,925; Jan. 2.
McComas, Jesse, Los Angeles, Calif. Telephone attachment. 1,472,530; Oct. 30.
McComas, Jesse C., Indianapolis, Ind. Shipping deck. 1,459,511; June 19.
McComas, Joe M., Kansas City, Mo. Grave marker. 1,467,391; Sept. 11.
McComish, John J., New York, N. Y., assignor of one-third to F. J. Reinecke, Hoboken, N. J. Pen. 1,442,959; Jan. 23.
McComiskey, Alexander H., jr., New Orleans, La. Electric gyrostat. 1,469,094; Sept. 25.
McConahy, Newell C., Tyrone, Pa. Indicator. 1,462,371; July 17.
McConnal, James C., Detroit, Mich. Clothesline holder. 1,455,636; May 15.
McConnel, Charles W., et al., trustees. (See Melcher, George S., assignor.)
McConnel, William N., Milner, Idaho. Recorder. 1,452,122; Apr. 17.
McConnell, Andrew B., and H. E. McCroskey, Omaha, Nebr. Recording attachment for scales. 1,471,181; Oct. 16.
McConnell-Browning Engineering Company, The. (See McConnell, Harry R., assignor.)
McConnell, Duncan A. (See Coughlin, Joseph D., assignor.)
McConnell, Harry R., assignor to The McConnell-Browning Engineering Company, Richmond, Va. Chuck. 1,473,488; Nov. 6.
McConnell, Harry R., assignor to The McConnell-Browning Engineering Company, Richmond, Va. Chuck. 1,476,903; Dec. 11.
McConnell, James W., Washington, D. C., assignor to Government of the United States. Reducing valve. 1,461,248; July 10.
McConnell, James W., Washington, D. C., assignor to Government of the United States. Torpedo. 1,474,724; Nov. 20.
McConnell, John J., Rockford, Ill. Baking frame. 1,463,124; July 24.
McConnell, Lert, Grand River, Iowa. Combined damper and spark-deflecting device. 1,470,930; Oct. 16.
McConway & Torley Company, The. (See George, Enoch, jr., assignor.)
McConway & Torley Company. (See Kelso, William, assignor.)
McCord, Alvin C., Chicago, Ill. Air-cooled engine cylinder and making same. 1,455,028; May 15.
McCord, Arthur W., Washington, D. C. Soap-dispensing device. 1,471,621; Oct. 23.
McCord, Charles J., Alpha, Mich. Wheel. 1,455,637; May 15.
McCord Manufacturing Company. (See Bailey, Claude B., assignor.)
McCord Manufacturing Company. (See McCormick, Malcolm, assignor.)
McCormack, Edward J., San Francisco, Calif. Collapsible electric heater. 1,452,304; Apr. 17.
McCormack, James L. L., assignor, by mesne assignments, to Detex Corporation, Chicago, Ill. Watchman's time recorder. 1,472,925; Nov. 6.
McCormack, Leonard J., Dumont, N. J. Shuttle-pressure indicator. 1,450,097; Mar. 27.
McCormick, Charles M., assignor of one-third to J. A. Feist and one-third to James Truman, Pueblo, Colo. Child's vehicle. 1,444,320; Feb. 6.
McCormick Drilling Tool Company. (See McCormick, Thomas J., assignor.)

McCormick, Eneas, Calgary, Alberta, Canada. Foot cleaner. 1,465,736; Aug. 21.
McCormick, George B., Millersburg, Ohio. Spike puller. 1,443,900; Jan. 30.
McCormick, Hugh M. (See McCormick, Sara W. and H. M.)
McCormick, John H. (See Crass, George F., assignor.)
McCormick, John I., Philadelphia, Pa. Bumper. 1,474,907; Nov. 20.
McCormick, Joseph H., South Pittsburg, Tenn. Vehicle tire. 1,453,150; Apr. 24.
McCormick Laboratories, The. (See Kopf, Melrose G., assignor.)
McCormick, Malcolm, Wyandotte, Mich., assignor to McCord Manufacturing Company, Detroit, Mich. Merchandising chart. 1,444,197; Feb. 6.
McCormick, Sara W. and H. M., Chicago, Ill., assignors, by mesne assignments, to Champion Corset Company, Ypsilanti, Mich. Designing corset abdominal supports. 1,473,241; Nov. 6.
McCormick, Thomas J., assignor, by mesne assignments, to McCormick Drilling Tool Company, Detroit, Mich. Underreamer. 1,474,274; Nov. 13.
McCormick, Wallace H. (See Gahm, Frank, assignor.)
McCormish, William E., Niles, assignor to C. H. Booth, Youngstown, Ohio. Tire casing. Des. 62,064; Mar. 13.
McCormish, William E., Niles, assignor to C. H. Booth, Youngstown, Ohio. Tire casing. Des. 62,065; Mar. 13.
McCormish, William E., Niles, assignor to C. H. Booth, Youngstown, Ohio. Tire casing. Des. 62,066; Mar. 13.
McCormish, William E., Cuyahoga Falls, assignor to The American Tire Corporation, Cleveland, Ohio. Tire tread. Des. 62,067; Mar. 13.
McCorry, Fredrick W. (See McGowan, R. E., and McCorry.)
McCowan, Emily, New York, N. Y. Doll. Des. 62,433; May 29.
McCown, Thomas D., and J. A. Blanchard, Poplar Bluff, Mo. Automatic dirigible headlight. 1,472,564; Oct. 30.
McCoy, Alfred F. (See Allen, A. F., McCoy, and Sternberger.)
McCoy, Charles E., et al. (See Kenneth, David, assignor.)
McCoy, Charles E., Logansport, Ind. Washing machine. 1,473,112; Nov. 6.
McCoy Cotton Machinery Corporation. (See McCoy, William D., assignor.)
McCoy, Edwin R., and J. Herbers, Cincinnati, Ohio. Buffing machine. 1,447,027; Feb. 27.
McCoy, Elijah, assignor of one-half to G. W. Moulden, Detroit, Mich. Vehicle wheel tire. Des. 63,107; Oct. 2.
McCoy, Elizabeth. (See McCoy, Walter J.)
McCoy, Henry A., Hamilton, and T. G. Anderson, Ancaster, Canada. Radiators. 1,465,607; Aug. 21.
McCoy, J. H., et al. (See Matter, Gustave O., assignor.)
McCoy, John F., New Orleans, La. Grouting composition for paving blocks. 1,465,448; Aug. 21.
McCoy, Marion M., assignor of one-half to G. A. Will, St. Louis, Mo. Oil-cooling system for internal-combustion engines. 1,440,689; Jan. 2.
McCoy, Walter J., deceased, Omaha, Nebr.; E. McCoy, administratrix. Header-brick mold. 1,465,608; Aug. 21.
McCoy, William B. (See Scully, J., and McCoy.)
McCoy, William D., Brooklyn, N. Y., assignor to McCoy Cotton Machinery Corporation. Ginning and cleaning machine. 1,478,572; Dec. 25.
McCoy, William P., Yonkers, N. Y. Tobacco-smoking pipe. 1,455,539; May 15.
McCracken, Adam, London, England. Reamer. 1,472,182; Oct. 30.
McCracken, Berel, and C. Pirott, assignors to Bryce Brothers Company, Mount Pleasant, Pa. Goblet or similar article. Des. 62,838; Aug. 7.
McCracken, Berel, and C. Pirott, assignors to Bryce Brothers Company, Mount Pleasant, Pa. Glass. Des. 63,108; Oct. 2.
McCracken, Ernest, and G. C. J. Gray, assignors of one-third to H. B. Karsting, Hastings, Nebr. Centrifugal governor. 1,465,674; Aug. 21.
McCracken, John J., Norfolk, Va. Star identification protractor. 1,460,387; July 3.
McCrary, John M. (See Coburn, J. M., and McCrary.)
McCrary, Pierce R., Lakeland, Fla., assignor of one-half to C. H. R. Woodward, Portsmouth, N. H. Motor-driven plow. 1,471,180; Oct. 16.
McCray, Cuge L., Norton, Va. Rail fastener. 1,451,838; Apr. 17.
McCrea, George E., Oakland, Calif. Reenforced-concrete ship. 1,441,692; Jan. 9.
McCreadie, John. (See Putnam, M. E., and McCreadie.)
McCready, Joseph H. (See Cornwell, E. E., and McCready.)
McCreanor, Thomas A., South Manchester, Conn. Combined license-plate holder and illuminator. 1,465,084; Aug. 14.
McCreary, Sarah E., Highland, Kans. Hose supporter. 1,458,986; June 19.
McCredie, Reid J., Buffalo, N. Y. Dimmer for headlights. 1,471,046; Oct. 16.
McCreedy, James W., assignor to Max Kaufmann & Company, Inc., New York, N. Y. Textile fabric. Des. 62,617; July 3.
McCreedy, James W., assignor to Max Kaufmann & Company, Inc., New York, N. W. Textile fabric. Des. 62,618; July 3.
McCreedy, James W., assignor to Max Kaufmann & Company, Inc., New York, N. Y. Textile fabric. Des. 62,619; July 3.
McCreery, George E., et al. (See Van Hise, Lester E., assignor.)
McCright, Morris, Cincinnati, Ohio. Low-voltage attachment. 1,441,233; Jan. 9.
McCrink, Joseph, Newark, N. J. Bottle protector. 1,462,291; July 17.
McCrohan, John A., assignor to L. Candee & Company, New Haven, Conn. Calender. 1,469,658; Oct. 2.
McCrone, Robert A., Denver, Colo. Egg separator. 1,462,606; July 24.
McCroskey, Harry E. (See McConnell, A. B., and McCroskey.)
McCrosky Tool Corporation. (See Norton, Samuel H., assignor.)
McCrosson, John T., Honolulu, Hawaii, assignor of one half to E. S. Cochran, New York, N. Y. Vacuum container for cigars, cigarettes, and smoking tobacco. 1,458,585; June 12.
McCrosson, John T., Honolulu, Hawaii, assignor of one-half to E. S. Cochran, New York, N. Y. Packing and preserving cigars, cigarettes, and smoking tobacco. 1,458,586; June 12.
McCrudden, John C. R., Hurstville, near Sydney, New South Wales, Australia. Machine gun. 1,452,123; Apr. 17.
McCrum, William I. (See Kershaw, H., and McCrum.)
McCuaig, Peter, Fort William, Ontario, Canada. Match scratcher. 1,454,446; May 8.
McCuen, Charles L., Evanston, Ill., assignor, by mesne assignments, to Delco-Light Company, Dayton, Ohio. Expansion valve for refrigerating machines and the like. 1,446,471; Feb. 27.
McCuen, Charles L., assignor to Resolute Manufacturing Company, Chicago, Ill. Sealed bearing. 1,457,584; June 5.
McCuen, Charles L., assignor to Resolute Manufacturing Company, Chicago, Ill. Valve. 1,457,585; June 5.
McCulla, William R., assignor to Packard Motor Car Company, Detroit, Mich. Carburetor. 1,473,113; Nov. 6.
McCulley, Amberson, Monroe, Wis. Mold. 1,445,334; Feb. 13.
McCulloch, Albert P., Dorchester, Mass. Timer. 1,452,884; Apr. 24.
McCulloch, Alexander, Govan, Saskatchewan, Canada. Garage door. 1,456,895; May 29.
McCulloch, Herbert V., Minneapolis, Minn. Identification clamp. 1,470,280; Oct. 9.
McCullough, David R., Oakland, Calif. Airplane. 1,454,479; May 8.
McCullough, Eli D., and A. W. Butcher, Solomon, Kans., assignors to The Gravity Dump Manufacturing Company. Attachment for wagon dumps. 1,467,183; Sept. 4.
McCullough, Ervin W., Indianapolis, Ind., and R. E. Wilson, Minneapolis, Minn., assignors to P. C. Reilly, Indianapolis, Ind. Flotation of ores and materials therefor. 1,476,530; Dec. 4.
McCullough, Frank C., Coshocton, Ohio. Chin support. 1,441,817; Jan. 9.
McCullough, Frank S., San Francisco, Calif. Egg case. 1,471,311; Oct. 16.
McCullough, Frederick S., assignor to G. L. Martin, Cleveland, Ohio. Radiotelegraphy. 1,471,406; Oct. 23.
McCullough, Harvey G. (See Painter, J. A., and McCullough.)
McCullough, John E. (See McDonald, C. D., and McCullough.)
McCullough, John T., Broomall, Pa. Cutter. 1,446,194; Feb. 20.
McCullough, Oswell, and D. E. Brown, Donora, Pa. Electric brake. 1,465,584; Aug. 21.
McCullough, Samuel W., Birmingham, Ala. Convertible wind and glare shield. 1,477,655; Dec. 18.
McCullough, William T., Salem, Mo. Chimney cowl. 1,454,752; May 8.
McCune, Joseph C., Orange, N. J., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid-pressure-brake device. 1,469,585; Oct. 2.
McCune, Mark, and D. H. Russell, Middleport, Ohio; said Russell assignor to said McCune. Spark-plug shield. 1,468,539; Sept. 18.
McCune, Merle B., Woodlawn, Pa. Nozzle. 1,457,535; June 5.
McCurdy, Arthur W., Malahat, British Columbia, Canada. Auger or bit. 1,474,049; Nov. 13.
McCurdy, Arthur W., Victoria, British Columbia, Canada. Producing augers. 1,474,050; Nov. 13.
McCurdy, Arthur W., Malahat, British Columbia, Canada. Means for facilitating sharpening of augers or bits. 1,474,051; Nov. 13.
McCurdy, Frederick T., Kokomo, Ind., assignor to Haynes Stellite Company. Alloy and making the same. 1,449,338; Mar. 20.
McCurdy, Thomas A. W., Clark, S. Dak. Tire-pump-operating means and running-board-connecting means. 1,469,095; Sept. 25.

McCurdy, William D. (See Bowers, James W., assignor.)
McCutchen, Brunson S., Plainfield, N. J. Washing machine. 1,473,489; Nov. 6.
McCutchen, Charles G. (See Baker, Arthur R., assignor.)
McCutchen, Uriah R., et al. (See Bryden, John A., assignor.)
McCutcheon, Claude H., Kittanning, Pa., assignor to Pittsburgh Plate Glass Company. Apparatus for forming clay pots. 1,473,791; Nov. 13.
McDaniel, Charles T., Sullivan, Ind. Cutter head. 1,477,970; Dec. 18.
McDaniel, Elmer W., San Diego, Calif. Pneumatic brake. 1,449,522; Mar. 27.
McDaniel, James E., Columbia, S. C. Wear compensator for journal boxes. 1,448,633; Mar. 13.
McDaniel, James M., Amarillo, Tex. Gate. 1,462,066; July 17.
McDaniel, John H., St. Louis, Mo. Clock case. Des. 62,839; Aug. 7.
McDaniel, Lewis B., La Belle, Mo. Fly swatter. 1,454,062; May 8.
McDaniel, Marion R., Oak Park, assignor to H. V. Church, trustee for National Association of Secondary School Principals, Cicero, Ill. Badge. Des.. 63,305; Nov. 20.
McDaniel, Walter, F. E. Davis, and E. F. Connor. Bremerton, Wash. Bench vise. 1,476,628; Dec. 4.
McDaniels, Robert R. (See Gordon, Clarence S., assignor.)
McDermet, John R., Jeannette, assignor to Elliott Company, Pittsburgh, Pa. Method and apparatus for the treatment of water. 1,442,348; Jan. 16.
McDermitt, James J., Renovo, Pa. Fitting-up bolt. 1,448,692; Mar. 13.
McDermott, Frank M., Troy, N. Y. Collar button. 1,413,489; Jan. 30.
McDermott, George R., Chicago, Ill. Automatic governor for gas producers. 1,444,383; Feb. 6.
McDermott, George R., Chicago, Ill. Ladle-drying apparatus. 1,458,350; June 12.
McDermott, John J., New Orleans, La. Envelope. 1,464,435; Aug. 7.
McDermott, Louis L., Cremorne, near Sydney, New South Wales, Australia. Lock of safes and strong rooms. 1,468,245; Sept. 18.
McDermott, Lyle C., Pocatello, Idaho. Flycatcher. 1,462,416; July 17.
McDermut, N. E. (See Fairbanks, George W., assignor.)
McDevitt, William F., South Dorset, Vt. Bar coal. 1,466,405; Aug. 28.
McDiarmid, Alfred R. (See Hathaway, J. B., and McDiarmid.)
McDill, Rex D., Haines City, Fla. Fruit-marking method. 1,441,234; Jan. 9.
McDole, Alby B., deceased, by C. B. McDole, administratrix, Buffalo, N. Y. Paint-spraying nozzle. 1,449,949; Mar. 27.
McDole, Clara B., administratrix. (See McDole, Alby B.)
McDonald, A. Y., Mfg. Co. (See McDonald, John M., assignor.)
McDonald, Allen C., San Angelo, Tex. Means employed for locating shipments. 1,448,973; Mar. 20.
McDonald, Anthony, et al. (See Pratt, Samuel T., assignor.)
McDonald, Arthur E., et al. (See Brown, Robert B., assignor.)
McDonald, Charles D., Los Angeles, Calif. Canopy for automobile beds. 1,454,395; May 8.
McDonald, Charles D., Chicago, Ill. Automatic stop device for strip-inserting mechanism of power presses. 1,472,802; Nov. 6.
McDonald, Charles D., and J. E. McCullough, assignors to McDonald Machine Co., Chicago, Ill. Die-press mechanism. 1,448,807; Mar. 20.
McDonald, Clarence T., assignor to Chicago Fuse Mfg. Co., Chicago, Ill. Refillable cartridge fuse. 1,447,798; Mar. 6.
McDonald, Edward F., H. Klein, and L. L. Haas, assignors to McDonald-Klein Distributing Company, Buffalo, N. Y. Liquid-circulating pump. 1,467,331; Sept. 11.
McDonald, Edward W. Talladega, Ala. Brake shoe. 1,465,141; Aug. 14.
McDonald, Harry L., Eveleth, Minn. Transformer crane. 1,444,746; Feb. 6.
McDonald, Herbert D. (See Ikeler, P. M., and McDonald.)
McDonald, James H., Pocatello, Idaho. Plate or pan handling utensil. 1,472,926; Nov. 6.
McDonald, John J., West View, Pa. Exterior rubber-tire protector. 1,468,643; Sept. 25.
McDonald, John M., assignor to A. Y. McDonald Mfg. Co., Dubuque, Iowa. Air valve and the like. 1,459,543; June 19.
McDonald, John U., Decatur, Ill. Producing gas. 1,447,259; Mar. 6.
McDonald-Klein Distributing Company. (See McDonald, E. F., Klein, and Haas, assignors.)
McDonald, Leslie R., Westmount, Quebec, Canada. Selective information apparatus. 1,446,259; Feb. 20.
McDonald, Leslie R., Westmount, Quebec, Canada. Selective information apparatus. 1,477,887; Dec. 18.
McDonald, Louis C. (See Samples, E. J., and McDonald.)
McDonald Machine Co. (See McDonald, C. D., and McCullough, assignor.)
McDonald, Michael J., et al. (See Pratt, Samuel T., assignor.)
McDonald, Patrick J., New Cumberland, Pa. Loading machine. 1,469,046; Sept. 25.
McDonald, Ralph H., Scio, Oreg. Drag saw. 1,478,573; Dec. 25.
McDonald, Thomas H., Adelanto, Calif. Means for patching blow-outs in pneumatic tires. 1,457,846; June 5.
McDonald, William R., Houston, Tex. Propeller. 1,456,896; May 29.
McDonald, William W. (See Sickles, William, assignor.)
McDonaugh, George L. (See Goldstein, B., and McDonaugh.)
McDonell, George B., and E. L. Peck, Bartlesville, Okla., assignors, by mesne assignments, to Doherty Research Company, New York, N. Y. Bailer. 1,447,621; Mar. 6.
McDonell, William E., assignor to Shur-On Optical Company, Inc., Rochester, N. Y. Ophthalmic mounting. 1,451,098; Apr. 10.
McDonnell, Alexander J. V., London, England. Pocket sterilizing case for clinical thermometers. 1,453,151; Apr. 24.
McDougall, Alexander, Duluth, Minn. Preparing and transporting peat or other granular material hydraulically. 1,466,884; Sept. 4.
McDougall, Alexander, Duluth, Minn. Peat-fuel machine. 1,476,407; Dec. 4.
McDowell, Joe E., Fort Worth, Tex. Pneumatic stage pump. 1,450,505; Apr. 3.
McDowell, Walter W., Kiefer, Okla. Dirigible headlight construction. 1,446,979; Feb. 27.
McDowell, William A., Stout, Iowa. Signal attachment for mail boxes. 1,458,836; June 12.
McEachron, Edgar J., assignor to French Battery & Carbon Co., Madison, Wis. Battery lamp. 1,462,207; July 17.
McElhany, John W., Denver, Colo. Hand-operating extensible fish-landing net and handle. 1,450,322; Apr. 3.
McElheny, Clarence J., Tampa, Fla. Studding. 1,446,916; Feb. 27.
McElrath, James R., Nescopeck, Pa., assignor of one-third to W. J. Walker and one-third to C. W. Robles, Newark, N. J. Valve. 1,443,847; Jan. 30.
McElroy, Elizabeth, Jacksonville, Fla. Hospital gown. 1,462,515; July 24.
McElroy, George E. (See Lyons, W. W., and McElroy.)
McElroy, James W., Philadelphia, Pa. Doorstop. Des. 63,190; Oct. 30.
McElroy, John H., Chicago, Ill. Method of and apparatus for picking cotton. 1,448,930; Mar. 20.
McElroy, John L., San Antonio, Tex. Safety hair cutter. 1,471,970; Oct. 23.
McElroy, Karl P. (See Franchot, R., and McElroy.)
McElroy, Karl P., assignor to Ferro Chemicals Inc., Washington, D. C. Fixation of nitrogen. 1,441,693; Jan. 9.
McElroy, Karl P., assignor to The Ferro Chemicals Inc., Washington, D. C. Making fertilizers. 1,441,694; Jan. 9.
McElroy, Karl P., assignor to Ferro Chemicals Inc., Washington, D. C. Fixing nitrogen. 1,441,695; Jan. 9.
McElroy, Karl P., assignor to Ferro Chemicals Inc., Washington, D. C. Nitrogen fixation. 1,466,624; Aug. 28.
McElroy, Karl P., assignor to Ferro Chemicals Inc., Washington, D. C. Nitrogen-fixing process and apparatus. 1,466,625; Aug. 28.
McElroy, Karl P., assignor to Ferro Chemicals Inc., Washington, D. C. Production of ammonia and salts of certain carbon acids. 1,466,626; Aug. 28.
McElroy, Karl P., assignor to Ferro Chemicals Inc., Washington, D. C. Making cyanids. 1,466,627; Aug. 28.
McElroy, Karl P., assignor to Ferro Chemicals Inc., Washington, D. C. Manufacture of alkali and chemicals. 1,466,628; Aug. 28.
McElroy, Karl P., Washington, D. C., assignor to Robeson Process Company, New York, N. Y. Making emulsions. 1,444,844; Feb. 13.
McElroy, Karl P., Washington, D. C., assignor, by mesne assignments, to Carbide and Carbon Chemicals Corporation. Making glycerin. 1,466,665; Sept. 4.
McElroy, Karl P., Washington, D. C., assignor to Gulf Refining Company, Pittsburgh, Pa. Process of and apparatus for condensation. 1,478,750; Dec. 25.
McElroy, Mattie E., administratrix. (See Moats, Edwin C.)
McElroy, R. E., et al. (See Taylor, S. M., and Osborn, assignors.)
McElroy, Robert H., Wilmette, Ill. Refrigerator car. 1,444,474; Feb. 6.
McElroy, Roy H., receiver. (See McElroy, Roy H., assignor.)
McElroy, Roy H., receiver. (See McElroy, R. H., Cite. and Langenkamp, assignors.)
McElroy, Roy H., assignor to R. H. McElroy, receiver for The Bohmann Iron Works Co., Dayton, Ohio. Clay-working machinery. 1,471,405; Oct. 23.
McElroy, Roy H., J. D. Cite, and A. G. Langenkamp, assignors to R. H. McElroy, receiver for The Bahmann Iron Works Co., Dayton, Ohio. Brick and tile machine. 1,450,506; Apr. 3.
McElroy, William, Brooklyn, N. Y. Spark plug. 1,454,646; May 8.

McElroy, William J., New York, and J. Clarke, Manhasset, North Hempstead, N. Y., assignors, by mesne assignments, to Alchemic Gold Company, Inc. Printing ink. 1,450,692; Apr. 3.

McElroy, William J., New York, and J. Clarke, Manhasset, assignors, by mesne assignments, to Alchemic Gold Company, Inc., New York, N. Y. Printing ink. 1,471,746; Oct. 23.

McElwain, Henry E., et al. (See Van Pelt, Elmer L., assignor.)

McElwain, W. H., Company. (See Brackett, Frank A., assignor.)

McEnaney, Owen F., Brooklyn, N. Y. Pipe attachment for steam looms. 1,460,972; July 3.

McEwan, Charles F., Oak Park, assignor to H. D. Lathrop, Chicago, Ill. Can-reversing mechanism. 1,444,929; Feb. 13.

McEwan, Charles F., Oak Park, assignor to H. D. Lathrop, Chicago, Ill. Can-washing machine. 1,454,124; May 8.

McEwan, David. (See Downey, E. A., and McEwan.)

McEwan, Hugh, Pittsburgh, Pa., assignor to W. W. Nicoll, New York, N. Y. Safety exploder. 1,450,672; Apr. 3.

McEwen, Lawrence D., Des Moines, Iowa. Condenser. 1,457,847; June 5.

McEwen, Willard M., Chicago, Ill. Tire tool. 1,466,179; Aug. 28.

McFadden, Eura P. (See Freemon, J. P., and McFadden.)

McFadden, Glenn E., Lakewood, Ohio. Canopy for lighting fixtures. Des. 62,578; June 26.

McFadden, Glenn E., Lakewood, Ohio. Plate for lighting fixtures. Des. 62,673; July 17.

McFadden, Glenn E., Lakewood, Ohio, assignor to Alfred Vester Sons, Inc., Providence, R. I. Socket cover for lighting fixtures. Des. 62,333; May 8.

McFadden, Glenn E., Lakewood, Ohio, assignor to Alfred Vester Sons, Inc., Providence, R. I. Candle plate for lighting fixtures. Des. 62,334; May 8.

McFadden, Glenn E., Lakewood, Ohio, assignor to Alfred Vester Sons, Inc., Providence, R. I. Lamp cover for lighting fixtures. Des. 62,840; Aug. 7.

McFadden, Glenn E., Lakewood, Ohio, assignor to Alfred Vester Sons, Inc., Providence, R. I. Plate for lighting fixtures. Des. 62,841; Aug. 7.

McFadden, Glenn E., Lakewood, Ohio, assignor to Alfred Vester Sons, Inc., Providence, R. I. Top for lamp covers for lighting fixtures. Des. 62,842; Aug. 7.

McFadden, Glenn E., Lakewood, Ohio, assignor to Alfred Vester Sons, Inc., Providence, R. I. Arm for lighting fixture. Des. 62,843; Aug. 7.

McFadden, Glenn E., Lakewood, Ohio, assignor to Alfred Vester Sons, Inc., Providence, R. I. Top for lamp covers for lighting fixtures. Des. 62,844; Aug. 7.

McFadden, Glenn E., Lakewood, Ohio, assignor to Alfred Vester Sons, Inc., Providence, R. I. Oval plate for lighting fixtures. Des. 62,845; Aug. 7.

McFadden, Glenn E., Lakewood, Ohio, assignor to Alfred Vester Sons, Inc., Providence, R. I. Ceiling light for lighting fixtures. Des. 63,057; Sept. 25.

McFadden, Glenn E., Lakewood, Ohio, assignor to Alfred Vester Sons, Inc., Providence, R. I. Top for pan for lighting fixtures. Des. 63,109; Oct. 2.

McFadden, Glenn E., Lakewood, Ohio, assignor to Alfred Vester Sons, Inc., Providence, R. I. Pendulet. Des. 63,262; Nov. 13.

McFarland, Harvey P., Oquawka, assignor of one-half to C. W. Baldridge, Chicago, Ill. Rail anchor. 1,447,622; Mar. 6.

McFarland, James, Tiffin, Tex. Train stop. 1,451,952; Apr. 17.

McFarland, John D., St. Louis, Mo. Powder box. 1,454,242; May 8.

McFarland, Joseph E., West Durham, assignor of one-half to G. H. Beall, Durham, N. C. Signaling device. 1,449,950; Mar. 27.

McFarland, Owen D. (See Cumfer, H., and McFarland.)

McFarland, Samuel, Coatesville, Pa. Casting apparatus. 1,454,647; May 8.

McFarland, Samuel, Coatesville, Pa. Rail joint. 1,472,606; Oct. 30.

McFarland, Samuel E., Los Angeles, Calif. Storage-battery system. 1,445,025; Feb. 13.

McFarland, Walter R. (See Erhart, A. M., and McFarland.)

McFarland, William H. (See Quinby, Harrison, assignor.)

McFarlane, Bernard M., Hettinger, N. Dak. Binder elevator. 1,448,308; Mar. 13.

McFarlane, Lauchlan G. (See Carter, G. J., and McFarlane.)

McFarlane, Logan, Halton, near Leeds, England. Manufacture of molded articles, more particularly heels and soles for footwear. 1,477,576; Dec. 18.

McFarlane, Malcolm J., New Orleans, La. Fireless cooker and heater. 1,455,638; May 15.

McFarlane, Robert E. (See Cavanagh, E. M., and McFarlane.)

McFarnahan, William C. et al. (See Wittmann, Frank, assignor.)

McFeely, Maynard B., Philadelphia, Pa. Mill. 1,476,260; Dec. 4.

McGaff, John, assignor of one-half to Interstate Iron and Steel Company, Chicago, Ill. Busheling furnace. 1,472,803; Nov. 6.

McGaffee, James F., assignor to Des Moines Silo & Manufacturing Company, Des Moines, Iowa. Baby-chick coop. 1,449,428; Mar. 27.

McGahan, Frederick L., deceased, Los Angeles, Calif.; V. K. Walker, administratrix, assignor to The Purposed Mind Development Security Association of the World. Means for treating steam and cinders. 1,441,864; Jan. 9.

McGahan, Frederick L., deceased, Los Angeles, Calif.; V. K. Walker, administratrix, assignor to The Purposed Mind Development Security Association of the World. Spark arrester. 1,442,895; Jan. 23.

McGahan, Frederick L., deceased, Los Angeles, Calif., V. K. Walker, administratrix, assignor to The Purposed Mind Development Security Association of the World. Suction means for feeding powdered fuel to fire boxes. 1,443,794; Jan. 30.

McGahan, Frederick L., deceased, Los Angeles, Calif.; V. K. Walker, administratrix, assignor to The Purposed Mind Development Security Association of the World. Means for reutilizing steam. 1,453,687; May 1.

McGahan, Frederick L., deceased, Los Angeles, Calif.; V. K. Walker, administratrix, assignor to The Purposed Mind Development Security Association of the World. Force feed for powdered fuel. 1,460,168; June 26.

McGahey, Robert E., Alexandria, Va. Self-locking angle-cock. 1,450,811; Apr. 3.

McGahey, Robert E., Alexandria, Va. Automobile horn-button extension. 1,478,287; Dec. 18.

McGann, George J., Providence, R. I. High-speed traverse mechanism for winding machines. 1,472,847; Nov. 6.

McGann, William H., Minneapolis, Minn. Grain-door-forcing device. Re15,729; Dec. 11.

McGarry, Joseph A., assignor of one-half to J. P. O'Rourke, Toledo, Ohio. Bread-dumping machine. 1,473,996; Nov. 13.

McGarvey, Virginia M., Brunswick, Ga. Reversible cushion. 1,469,523; Oct. 2.

McGary, Alexander, New York, N. Y. Steam-locomotive lighting system. 1,461,534; July 10.

McGaw, Sidney A., Fresno, Calif. Stepladder. 1,459,918; June 26.

McGeachin, William R. (See Chase, L. W., McGeachin, and Brand.)

McGee, Charles E., Santa Monica, assignor of one-half to R. E. Small, Los Angeles, Calif. Casing-coupling remover. 1,442,626; Jan. 16.

McGee, Charles J., Osceola, Ark. Cloth cutting machine. 1,455,501; May 15.

McGee, Edward S., Rock Hill, S. C. Valve. 1,456,244; May 22.

McGee, Frank R., Steubenville, Ohio. Chimney valve. 1,444,767; Feb. 6.

McGee, Frank R., Steubenville, Ohio. Umbrella rack. 1,459,787; June 26.

McGee, Frank R., Steubenville, Ohio. Utensil holder. 1,461,363; July 10.

McGee, Frank R., Steubenville, Ohio. Thrust bearing. 1,476,345; Dec. 4.

McGee, Frank R., Steubenville, Ohio, and A. F. Nesbit, Wilkinsburg, Pa. Apparatus for cleaning gases. 1,444,845; Feb. 13.

McGee, Frank R., and A. R. Schulze, Steubenville, Ohio. Valve. 1,476,344; Dec. 4.

McGee, Howard H., Waterbury, Conn., assignor to The Goodyear's India Rubber Glove Manufacturing Company. Fountain-syringe bag. 1,442,229; Jan. 16.

McGee, Jesse E., Guntown, Miss. Combined shield and package carrier. 1,459,111; June 19.

McGee, Jesse E., Guntown, Miss. Basket-supporting means. 1,460,760; July 3.

McGee, Oscar P., Dallas, Tex. Elevator-door hanger. 1,461,249; July 10.

McGee, Wade W. (See Doerres, R. N., and McGee.)

McGee, Walter M., et al. (See Guptill, Rodney G., assignor.)

McGeorge, William T., Honolulu, Hawaii. Treating fruit juices. 1,458,427; June 12.

McGettigan, Frank J., Portland, Oreg. Picture-projector attachment. 1,457,782; June 5.

McGhee, James W., assignor of one-half to E. C. Jinks, Los Angeles, Calif. Drapery hook. 1,475,306; Nov. 27.

McGhee, Jesse M., Knoxville, Tenn. Highway signal for railway crossings. 1,454,753; May 8.

McGhee, Thurman, and P. Woodhead, Hayward, Calif. Can-labeling machine. 1,443,610; Jan. 30.

McGhee, Thurman, and P. Woodhead, Hayward, Calif. Filling valve. 1,456,854; May 29.

McGibbon, Ellsworth, Spokane, Wash. Pocketbook. 1,472,303; Oct. 30.

McGiffert, John R., assignor to Clyde Iron Works, Duluth, Minn. Track-laying machine. 1,454,176; May 8.

McGill, Andrew M., Bethlehem, Pa. Construction and repair of railway cars. 1,460,069; June 26.

McGill Manufacturing Company. (See Despard, Victor R., assignor.)

McGill Manufacturing Company. (See Gordon, David D., assignor.)

McGill Metal Products Company. (See Beck, Albert, assignor.)

McGill, Milton A., Pittsburgh, Pa. Nut lock. 1,448,555; Mar. 13.

McGill, William. (See Kolling, H. C., and McGill.)

McGillicuddy, Edward F., Seattle, Wash. Vehicle signal. 1,459,919; June 26.
McGilpin, John G., El Monte, Calif. Siphon valve. 1,443,628; Jan. 30.
McGinley, Frederick D., Pleasant Beach, assignor of one-half to L. L. Lacey, Syracuse, N. Y. Car replacer. 1,460,973; July 3.
McGinley, George M., assignor to G. W. J. Murphy Company, Amesbury, Mass. Foot rest for accelerator pedals. 1,468,571; Sept. 18.
McGinley, James E. (See Randall, V. C., and McGinley.)
McGinley, John L. (See Goodchild, Charles, assignor.)
McGinn, John S., Shawinigan Falls, Quebec, Canada. Tide motor. 1,449,523; Mar. 27.
McGinnis, Basil W., Birmingham, Ala. Tension top strap for automobiles. 1,449,614; Mar. 27.
McGinnis, John, and J. N. Graber, New Haven, Conn. Brush. 1,441,936; Jan. 9.
McGinnis, John A. (See Edwards, A. L., and McGinnis.)
McGinnis, John A., Wheeling, W. Va., assignor to Wheeling Stamping Company. Feeder for metal blanks. 1,455,639; May 15.
McGinnis, John A., assignor to Wheeling Stamping Company, Wheeling, W. Va. Machine for the manufacture of collapsible metal tubes. 1,457,179; May 29.
McGinnis, Thomas J., St. Helens, Oreg. Pencil holder and rake knife. 1,441,103; Jan. 2.
McGinnis, William A., Detroit, Mich. Garment hanger. 1,448,139; Mar. 13.
McGintie, Joseph A., St. Louis, Mo. Pulling and lifting device. 1,444,694; Feb. 6.
McGinty, Donald K., Marion, Ohio. Cable hanger. 1,476,093; Dec. 4.
McGivern, James P. L., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Trolley-conductor hanger. 1,464,535; Aug. 14.
McGlashan, James. (See Manly, C. M., and McGlashan.)
McGlashan, James, assignor to Martin-Parry Corporation, York, Pa. Vehicle body construction. 1,472,607; Oct. 30.
McGlone, Ignatius V. (See Powell, George G., assignor.)
McGoldrick, William J., assignor to Power Truck and Tractor Company, Detroit, Mich. Vehicle brake mechanism. 1,445,698; Feb. 20.
McGovern, Bernard F., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Die head. 1,443,324; Jan. 23.
McGowan, Charles, G. Peterson, and A. A. Lund, Susanville, Calif. Car-door roller. 1,461,535; July 10.
McGowan, Henry B., Hurley, Okla. Well-drilling tool. 1,461,154; July 10.
McGowan, Hugh J., assignor to Southard Robertson Company, Peekskill, N. Y. Gas hot plate. 1,477,971; Dec. 18.
McGowan, Owen J., Brooklyn, N. Y. Trip hook. 1,477,836; Dec. 18.
McGowan, Owen J., assignor to W. Wilson, Brooklyn, N. Y. Cargo hook. 1,449,364; Mar. 20.
McGowan, Robert B., Cincinnati, Ohio. Ground vase. 1,448,808; Mar. 20.
McGowan, Robert E., and F. W. McCorry, Cowley, Wyo. Combination rule, square, and level. 1,469,167; Sept. 25.
McGowan, Thomas H., sr., Stonington, Conn., assignor to Draper Corporation, Hopedale, Mass. Shuttle for automatic filling-replenishing looms. 1,446,512; Feb. 27.
McGowen, William R., Chicago, Ill. Motor vehicle. 1,441,515; Jan. 9.
McGowen, William R., assignor to American Bumper Company, Chicago, Ill. Automobile bumper. 1,475,347; Nov. 27.
McGowen, William R., assignor to American Bumper Company, Chicago, Ill. Bumper-supporting bracket. 1,475,348; Nov. 27.
McGrail, Thomas M. (See Lee, Richard V., assignor.)
McGrath, Charles B., assignor to The Grand Lake Company, Inc., Woodland, Me. Paper container. 1,456,897; May 29.
McGrath, Hiram, McConnelsville, Ohio. Fan attachment for swings. 1,452,385; Apr. 17.
McGrath, John T., Bloomington, Ill. Oil burner. 1,446,260; Feb. 20.
McGrath, John T., Bloomington, Ill. Grinding machine. 1,460,724; July 3.
McGrath, John T., Bloomington, Ill. Reciprocating knife can opener. 1,473,306; Nov. 6.
McGrath, John T., Bloomington, Ill. Combination vehicle lamp. 1,473,307; Nov. 6.
McGrath, Sylvester S., West New Brighton, N. Y. Rotary kiln. 1,453,851; May 1.
McGrath, William L., assignor to Eclipse Machine Company, Elmira, N. Y. Engine starter. 1,446,852; Feb. 27.
McGrath, William L., assignor to Eclipse Machine Company, Elmira, N. Y. Engine starter. 1,457,118; May 29.
McGrath, William L., assignor to Eclipse Machine Company, Elmira, N. Y. Engine starter. 1,462,973; July 24.
McGraw, Daniel E. (See Stearns, R. O., and McGraw.)
McGraw, Harry, Marion, Ind. Air motor. 1,464,575; Aug. 14.
McGraw, Thomas H., jr., Oakmont, Pa. Flow-controlling means for steam boilers. 1,469,389; Oct. 2.
McGraw, William T., Detroit, Mich. Account-filing cabinet. 1,452,919; Apr. 24.
McGreer, Ray and H. J. Belcher, Oklahoma, Okla. Machine for cutting butter. 1,455,258; May 15.
McGregor, Alexander G., Warren, Ariz. Calcine car. 1,450,980; Apr. 10.
McGregor, Alexander G., Warren, Ariz. Apparatus for charging reverberatory furnaces. 1,461,801; July 17.
McGregor, Alexander G., Warren, Ariz. Apparatus for charging reverberatory furnaces. 1,469,327; Oct. 2.
McGregor, Allan L., Chicago, Ill. Automobile bumper. Re. 15,521; Jan. 9.
McGregor, Allan L., Chicago, Ill. Automobile bumper. 1,443,960; Feb. 6.
McGregor, Allan L., Chicago, Ill. Automobile bumper. Re. 15,545; Feb. 20.
McGregor, James D., assignor to Brantford Computing Scales, Ltd., Brantford, Ontario, Canada. Price-scale casing. Des. 62,234; Apr. 24.
McGregor, Ross, assignor to The Elwood Myers Company, Springfield, Ohio. Delivery mechanism. 1,445,899; Feb. 20.
McGrew, Arlo R. (See Ware, Henry E., assignor.)
McGrew, Earl E., Lincoln, Nebr. Folding table. 1,446,917; Feb. 27.
McGrew, Henry C. D., Los Angeles, Calif. Excavating bucket. 1,446,389; Feb. 20.
McGrew, John A., and J. T. Loree, Albany, N. Y. Entrainment mechanism for power-generating units. 1,447,352; Mar. 6.
McGrew, John A., and J. T. Loree, Albany, N. Y. Entrainment mechanism for power-generating units. 1,447,353; Mar. 6.
McGuckin, John J., Brooklyn, N. Y. Automobile accelerator. 1,440,881; Jan. 2.
McGuckin, John J., Brooklyn, N. Y. Axle-bearing-repairing tool. 1,457,119; May 29.
McGuckin, John J., Brooklyn, assignor to L. Schwab, New York, N. Y., doing business as Stevens & Company. Valve-stem lengthener. 1,466,844; Sept. 4.
McGuckin, John J., and J. Peyer, Brooklyn, assignors to L. Schwab, doing business under business name or style of Stevens & Company, New York, N. Y. Electric valve grinder. 1,449,908; Mar. 27.
McGuire Band and Lining Mfg. Co. (See McGuire, William A., assignor.)
McGuire, Eugene L., assignor of one-half to A. Sales, Dennison, Ohio. Top for drinking bottles. 1,441,010; Jan. 2.
McGuire, Frederick G., et al., executors. (See Davidson, Samuel C.)
McGuire, James E., Camden, N. J. Safety device for tools. 1,450,323; Apr. 3.
McGuire, Lee, Paint Lick, Ky. Electrically-operated vehicle signal. 1,450,214; Apr. 3.
McGuire, Michael H., Clifford, assignor of one-half to C. E. Frederickson, St. Joseph, Mich. Portable bathtub with heating appliance. 1,450,444; Apr. 3.
McGuire, Norman B., Wahiawa, Oahu, and A. Guild. Honolulu, Hawaii. Machine for laying mulches. 1,471,796; Oct. 23.
McGuire, Patrick W., Tottenville, N. Y. Article-holding clip. 1,456,321; May 22.
McGuire, Philip J. (See Tilly, C. A., and McGuire.)
McGuire, William A., assignor to McGuire Band and Lining Mfg. Co., Turtle Creek, Pa. Detachable brake and transmission band lining. 1,455,259; May 15.
McGuire, William G., Hollywood, Calif. Window-sash stop. 1,469,659; Oct. 2.
McHale, Lois T. (See McHale, Ray A., assignor.)
McHale, Ray A., assignor to L. T. McHale, Syracuse, N. Y. Aligning brace for forms for concrete walls. 1,446,195; Feb. 20.
McHale, Ray A., assignor to L. T. McHale, Syracuse, N. Y. Tie brace for concrete forms. 1,446,196; Feb. 20.
McHale, Ray A., assignor to L. T. McHale, Syracuse, N. Y. Tie brace for concrete forms. 1,458,769; June 12.
McHarg, Leslie, Freeport, N. Y. Pier door. 1,454,125; May 8.
McHarg, Leslie, Freeport, N. Y. Pier door. 1,454,126; May 8.
McHenry, Jesse M., Detroit, Mich. Humidifier. 1,443,490; Jan. 30.
McHenry, Samuel B., Bloomsburg, Pa. Mop. 1,450,098; Mar. 27.
McHewitt, William, and H. G. Brandt, Burlington, Iowa. Tool. 1,453,018; Apr. 24.
McHolland, Dorothy, Minneapolis, Minn. Undergarment. 1,445,523; Feb. 13.
McHugh, Harry E., Devils Lake, and G. M. Kelsey, Grand Forks, N. Dak. Spring suspension for vehicles. 1,449,524; Mar. 27.
McHugh, James N., Lexington, Ill. Auto lock. 1,453,882; May 1.
McIlugh, Thaddeus J., assignor to Gibson Mandolin-Guitar Company, Kalamazoo, Mich. Neck for musical instruments. 1,446,758; Feb. 27.
McIldowie, Louis M. (See Snazelle, O. H., Hetherington, and McIldowie.)
McIlvried, Howard G. (See Kimball, G. C., and McIlvried.)
McIlvried, Howard G., assignor to American Sheet and Tin Plate Company, Pittsburgh, Pa. Doubler. 1,469,846; Oct. 9.

McIndoe, James W., Lockport, N. Y. Making pattern-printing rolls. 1,454,243; May 8.
McInnis, James E., St. Louis, Mo. Seal for box-car doors. 1,476,092; Dec. 4.
McIntire, Hervey H., South Bend, Ind. Electrically-influenced timing device. 1,464,951; Aug. 14.
McIntire, James E., Weymouth, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for inserting eyelets. 1,459,738; June 26.
McIntire, James F., assignor to United States Radiator Corporation, Detroit, Mich. Sectional-furnace construction. 1,467,332; Sept. 11.
McIntosh, Alexander J., Toronto, Ontario, Canada. Valve grinder. 1,445,335; Feb. 13.
McIntosh, Arthur M., Sydney, Australia. Investment material. 1,476,001; Dec. 4.
McIntosh, Frederick P., East Orange, assignor to New Jersey Patent Company, West Orange, N, J. Phonograph recorder. 1,470,633; Oct. 16.
McIntosh, George A., Chelmsford, Mass. Metallic bobbin, spool, and the like. 1,469,930; Oct. 9.
McIntosh, James, Norristown, Pa., assignor to Diamond State Fibre Company, Elsmere, Del. Synthetic gum and making same. 1,448,556; Mar. 13.
McIntosh, Peter E., and R. O'Connell, Kalamazoo, Mich. Boiler plug. 1,457,911; June 5.
McIntyre, Allan H., assignor to Skinner Machinery Company, Dunedin, Fla. Bin door. 1,453,472; May 1.
McIntyre, Charles V., East Orange, N. J. Retort furnace. 1,457,083; May 29.
McIntyre, Frank P., Philadelphia, Pa. Manufacture of building blocks and similar molded articles. 1,477,276; Dec. 11.
McIntyre, Guy L., Pittsburgh, assignor of one-half to M. R. De France, Bellevue, Pa. Lug for brake shoes. 1,447,799; Mar. 6.
McIntyre, James K. (See Fulton, J. S., and McIntyre.)
McIntyre, James K., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Centrifugal pump. 1,470,022; Oct. 9.
McIntyre, John A., Denver, Colo. Method of and apparatus for liquefying paraffin in oil wells. 1,443,028; Jan. 23.
McIntyre, Michael J., Eden, N. Y. Musical toy or instrument. 1,465,675; Aug. 21.
McIntyre, Miles, Healdsburg, Calif. Gasket protector. 1,468,824; Sept. 25.
McIntyre, Miles, Healdsburg, Calif. Automobile tool. 1,473,114; Nov. 6.
McIntyre, Sydney S., Sedro-Woolley, Wash. Tractor. 1,449,186; Mar. 20.
McIntyre, William. (See Strausbaugh, C. K., and McIntyre.)
McIntyre, William A., Hoff, Oreg. Sugar-dispensing receptacle. 1,474,275; Nov. 13.
McKahin, Herbert B., assignor to Deere & Company, Moline, Ill. Marker device for planters. 1,471,182; Oct. 16.
McKay, Chester, Glenbrook, Conn. Game. 1,442,165; Jan. 16.
McKay, Chester, Brooklyn, N. Y. Mariner's game. 1,474,539; Nov. 20.
McKay, Herbert, Monroe, Wash. Beehive. 1,476,453; Dec. 4.
McKay, John A., Portland, Me. Dam, dike, and the like. 1,444,622; Feb. 6.
McKay, John A., New York, N. Y., assignor to General Electric Company. Electric connector. 1,442,284; Jan. 16.
McKay, Leslie J., et al. (See Roman, Newman A., assignor.)
McKay, Robert S., Dunellen, N. J. Fountain pen. 1,445,900; Feb. 20.
McKay, William H., and E. E. Doering, Muskogee, Okla. Spare-tire holder for automobiles. 1,442,285; Jan. 16.
McKeag, Charles E. (See Cleghorn, R. W., Daniels, and McKeag.)
McKean, John O., Westfield, Mass. Cop cone. 1,458,587; June 12.
McKean, John O., assignor to Foster Machine Company, Westfield, Mass. Tension device. 1,441,011; Jan. 2.
McKean, John O., assignor to Foster Machine Company, Westfield, Mass. Tension mechanism. 1,441,012; Jan. 2.
McKean, John O., assignor to Foster Machine Company, Westfield, Mass. Cop. 1,443,370; Jan. 30.
McKean, John O., assignor to Foster Machine Company, Westfield, Mass. Tension mechanism. 1,447,591; Mar. 6.
McKean, John O., assignor to Foster Machine Company, Westfield, Mass. Yarn-tension device. 1,461,536; July 10.
McKean, John O., assignor to Foster Machine Company, Westfield, Mass. Yarn-tension device. 1,461,537; July 10.
McKean, John O., assignor to Foster Machine Company, Westfield, Mass. Device for guiding, clearing, and tensioning yarn. 1,462,292; July 17.
McKean, John O., assignor to Foster Machine Company, Westfield, Mass. Tension mechanism. 1,468,486; Sept. 18.
McKean, John O., assignor to Foster Machine Company, Westfield, Mass. Slub catcher. 1,468,487; Sept. 18.
McKean, John O., assignor to Foster Machine Company, Westfield, Mass. Slub catcher. 1,468,488; Sept. 18.
McKean, John O., assignor to Foster Machine Company, Westfield, Mass. Yarn tension device. 1,468,489; Sept. 18.
McKechnie, James, Barrow-in-Furness, assignor to Vickers Limited, Westminister, England. Device for operating hinged or similar members. 1,443,694; Jan. 30.
McKechnie, James, Barrow-in-Furness, assignor to Vickers Limited, Westminster, London, England. Broaching and similar machine. 1,463,899; Aug. 7.
McKechnie, James, and W. F. Rabbidge, Barrow-in-Furness, assignors to Vickers Limited, London, England. Means for indicating error in direction of rotation of shafts and other mechanical rotary members. 1,461,448; July 10.
McKee, Arthur G., Cleveland, Ohio. Method of and apparatus for cleaning gases. 1,459,982; June 26.
McKee, Charles E., Kansas City, assignor of one-half to M. Toner, Camden, Mo. Oil burner. 1,459,920; June 26.
McKee, Charles W., Harrisburg, and W. T. Taggart, Marietta, Pa. Dimming switch for automobile lights. 1,468,882; Sept. 25.
McKee, Clarke W., San Diego, Calif. Wall structure. 1,445,901; Feb. 20.
McKee, Estelle, et al. (See Blackman, Mabel, assignor.)
McKee, Estelle B. (See Blackman, M., Hosier, and McKee.)
McKee, Joseph E., assignor of one-third to N. E. Woolman and one-third to J. Oppman, Connellsville, Pa. Battery connecter. 1,474,434; Nov. 20.
McKee, Louis H., Trenton, N. J. Floor fastening for desks, seats, and chairs. 1,460,425; July 3.
McKee, Neal T., London, England, assignor to Superheater Company, New York, N. Y. Swaging machine. 1,468,507; Sept. 18.
McKee, Philip L., Chicago, Ill. Roof structure. 1,440,478; Jan. 2.
McKee, Philip L., Chicago, Ill. Reenforced rafter for greenhouses. 1,476,990; Dec. 11.
McKee, Ralph H. (See Lewis, Leland J., assignor.)
McKee, Ralph H., New York, N. Y. Producing carvacrol and thymol. 1,449,121; Mar. 20.
McKee, Ralph H., New York, N. Y. Electrolytic cell. 1,477,512; Dec. 11.
McKee, Ralph H., New York, and H. C. Cooper, White Plains, N. Y.; said Cooper assignor to said McKee. Making oxidized aromatic substances. 1,458,491; June 12.
McKee, Stillman W., Los Angeles, Calif. Follow-up filing system. 1,467,644; Sept. 11.
McKeever, Charles, Jersey City, N. J. Vehicle lamp. 1,444,930; Feb. 13.
McKeever, William J., Cambridge, Mass. Mop. 1,450,556; Apr. 3.
McKellar, John R., Oakland, Calif. Torch. 1,457,256; May 29.
McKellar, Judson L., assignor to Gasau-Thompson Company, Inc., Brooklyn, N. Y. Folding cot. 1,474,200; Nov. 13.
McKelvy Rotary Valve Co. (See McKelvy, Thomas M., assignor.)
McKelvy, Thomas M., assignor to McKelvy Rotary Valve Co., Fresno, Calif. Internal-combustion-engine valve. 1,465,142; Aug. 14.
McKenna, Eugene C. (See Lindstrom, Walter R., assignor.)
McKenna, John E. (See Bergman, Olof F., assignor.)
McKenna, John T., New York, N. Y. Garment hanger. 1,462,067; July 17.
McKenna, Raymond J., Denver, Colo., assignor to Magnuson X-Ray Company. X-ray-plate changer. 1,453,473; May 1.
McKenney, M. C., et al. (See Czerny, Francis, assignor.)
McKenney, Walter A., Corinna, Me. Attachment for sprayers. 1,469,801; Oct. 9.
McKennitt, William, Duluth, Minn. Agricultural machine. 1,453,631; May 1.
McKenzie, Angus, Canton, Ohio, assignor to United Alloy Steel Corporation, New York, N. Y. Sheet-metal building. 1,461,538; July 10.
McKenzie, Charles L. (See Taylor, Robert L., assignor.)
McKenzie, Elliot, Mountain Iron, Minn. Rake cleaner. 1,441,013; Jan. 2.
McKenzie, Elliot, Mountain Iron, Minn. Automatic oil-can holder. 1,472,879; Nov. 6.
McKenzie, James. (See Atkinson, D. S., and McKenzie.)
McKenzie, John T., jr., Ridgewood, N. J. Mailing device. 1,445,524; Feb. 13.
McKenzie, Pearl B., Sedalia, Mo. Bracelet. 1,461,250; July 10.
McKenzie, Peter H., Chicago, Ill. Furnace construction. 1,473,731; Nov. 13.
McKenzie, Thomas J., Barberton, Ohio. Valve. 1,456,277; May 22.
McKenzie, William S., Creighton Mine, and R. Richardson, Copper Cliff, Ontario, Canada. Lighting accessory for automobiles. 1,450,324; Apr. 3.
McKeown, John L., Chicago, Ill. Truss. 1,445,026; Feb. 13.

McKeown, Samuel C., East Orange, assignor to Splitdorf Electrical Company, Newark, N. J. Circuit-breaker mechanism. 1,442,349; Jan. 16.
McKeown, William A., Columbus, Ohio. Low-water alarm for steam boilers. 1,471,564; Oct. 23.
McKerahan, George, Pittsburgh, Pa. Rotary hydraulic air compressor. 1,445,096; Feb. 13.
McKerahan, George, Pittsburgh, Pa. Jet-operated air compressor. 1,469,364; Oct. 2.
McKernan, Joseph M., assignor of one-half to M. L. McKernan and one-half to L. G. Wollbrinck, St. Louis, Mo. Spark plug. 1,446,853; Feb. 27.
McKernan, Maude L., et al. (See McKernan, Joseph M., assignor.)
McKibbin, George C., White Plains, assignor to Rolzup Auto Robe Corporation, New York, N. Y. Device for protecting automobile robes. 1,443,695; Jan. 30.
McKiernan-Terry Drill Company. (See Riker, Malcolm D., assignor.)
McKillican, Donald R., assignor to Mechanical Mixers Corporation, New York, N. Y. Shrouded agitator. 1,477,201; Dec. 11.
McKillican, Donald R., assignor to Mechanical Mixers Corporation, New York, N. Y. Drink mixer. 1,477,202; Dec. 11.
McKillican, Donald R., assignor to Mechanical Mixers Corporation, New York, N. Y. Mixing. 1,477,203; Dec. 11.
McKim, James H., Mobile, Ala. Refrigerator. 1,468,726; Sept. 25.
McKimmy, Fred, Beaverdam, Ohio. Fishing reel. 1,445,525; Feb. 13.
McKinley, Andrew B., Louisville, Ky., assignor to Continental Car Company of America. Dump body. 1,462,814; July 24.
McKinley, Charles W. (See Snell, L. K., and McKinley.)
McKinley, Charles W., assignor to The Willys-Overland Company, Toledo, Ohio. Tire or wheel carrier. 1,470,996; Oct. 16.
McKinney, Albert. (See Cover, H. A., and McKinney.)
McKinney, Claude G., Henrietta, Tex. Slidable keyhole guard connected with circuit-breaking devices. 1,441,865; Jan. 9.
McKinney, Claude G., Henrietta, Tex. Multiple-control lock for automobiles. 1,441,866; Jan. 9.
McKinney Manufacturing Company. (See Cade, Charles W., assignor.)
McKinnon, Angus C., Maxton, N. C. Windshield protector. 1,459,834; June 26.
McKinnon, Donald. (See McClintock, R. W., and McKinnon.)
McKinstry, George W. and W. H. Siddall, assignors to Bay State Optical Company, Attleboro, Mass. Construction of eyeglasses. 1,453,632; May 1.
McKissick, William H., Tulsa, Okla. Oil-well apparatus. 1,442,960; Jan. 23.
McKneat Manufacturing Company. (See Astrom, Carl P., assignor.)
McKnight, Austin A. (See McKnight, Fred C. and A. A.)
McKnight, Fred C. and A. A., Sharpsville, Pa. Car brake. 1,448,225; Mar. 13.
McKone, Charles W., assignor to The McKone Tire & Rubber Company, Millersburg, Ohio. Automobile tire. Des. 62,846; Aug. 7.
McKone, Leo J., Chicago, Ill., assignor to Mid-West Manufacturing Company, Minneapolis, Minn. Dolly jack. 1,462,039; July 17.
McKone, Leo J., Chicago, Ill., assignor to Mid-West Mfg. Co., Minneapolis, Minn. Tire-changing jack. 1,462,040; July 17.
McKone Tire & Rubber Company, The. (See McKone, Charles W., assignor.)
McKone, William J., et al. (See Combs, William J., assignor.)
McKoy, Edwin A., and G. D. Moore, New Orleans, La. Stump harvester. Re15,655; July 17.
McKoy, Edwin A., and G. D. Moore, New Orleans, La. Shortened conical cutter head. 1,466,538; Aug. 28.
McLain, Dan B., and E. M. Tatum, assignors of one-third to J. A. Milam, Little Rock, Ark. Rail brace. 1,457,586; June 5.
McLain, Frank H., Portland, Me. Wood-drilling lathe. 1,472,927; Nov. 6.
McLain, George J., Los Angeles, Calif. Concrete mold. 1,465,782; Aug. 21.
McLain, John D. (See Guynn, John M., assignor.)
McLain, John P., et al. (See Pearson, Frank O., assignor.)
McLamb, Alexander M., Lumberton, N. C. Draft coupling. 1,472,368; Oct. 30.
McLanahan, Robert J., Woodlawn, Pa. Water-closet. 1,447,028; Feb. 27.
McLane, Joseph A., assignor to The Armorcord Rubber Company, Morgantown, W. Va. Making reenforced inner tubes for tires. 1,463,708; July 31.
McLaren Automobile Signal Co. (See McLaren, Peter, assignor.)
McLaren, Peter, Whittier, Calif. Automobile signal. 1,461,251; July 10.
McLaren, Peter, Whittier, Calif., assignor to McLaren Automobile Signal Co. Automobile signal. Des. 62,405; May 22.
McLaren, William E., Pasadena, Calif., assignor of one-half to J. W. Sleight, Chicago, Ill. Collapsible vehicle. 1,449,827; Mar. 27.
McLarty, John, Sault Ste. Marie, Ontario, Canada. Apparatus for cleaning and harvesting potatoes. 1,445,336; Feb. 13.
McLarty, John, Klamath Falls, Oreg. Sawmill appliance. 1,464,769; Aug. 14.
McLaughlin, Everett E. (See Naujoks, W., and McLaughlin.)
McLaughlin, Fred, Canton, Ill. Detachable bit for coal augers. 1,445,097; Feb. 13.
McLaughlin, Fred, Canton, Ill. Bit attachment for augers. 1,466,378; Aug. 28.
McLaughlin, James M., Portland, Oreg. Friction device for log handlers. 1,472,726; Oct. 30.
McLaughlin, James P., assignor of one-half to C. D. Walker, Portland, Oreg. Cable coupling. 1,449,765; Mar. 27.
McLaughlin, Mark, Wilmington, Del. Revolving brush. 1,475,074; Nov. 20.
McLaughlin, Patrick, assignor of one-half to A. R. Watson, Dover, N. H. Bicycle driving mechanism. 1,443,997; Feb. 6.
McLaughlin, Philip A., Chester, Pa. Hair-bobbing device. 1,457,257; May 29.
McLaughlin, Robert, assignor of one-half to A. G. Patton, Monmouth, Ill. Sack baler. 1,446,472; Feb. 27.
McLaughlin, Robert E., Tracy, Calif. Surge-relief device. 1,456,391; May 22.
McLaughlin, William C., Oakland, Calif. Amalgamator. 1,451,099; Apr. 10.
McLaughlin, Wilson L., Decatur, Ill. Pulverizing apparatus. 1,457,084; May 29.
McLaughlin, Wilson L., Decatur, Ill. Making fuel. 1,458,106; June 5.
McLaurin, Jewell P., Dillon, S. C. Bottle stopper. 1,443,425; Jan. 30.
McLean, Charles D., assignor to Mechanical & Electrical Manufacturing Co., Incorporated, Berlin, N. H. Instantaneous heater. 1,460,025; June 26.
McLean, Donald H., administrator. (See Thofehrn, Herman G. C.)
McLean, Embury, Brooklyn, N. Y. Furnace control. 1,450,693; Apr. 3.
McLean, George A., Little Rock, Ark. Crate or box. 1,441,937; Jan. 9.
McLean, Guy B., et al. (See Ripley, David W., assignor.)
McLean, James M., and G. T. Munn, New Waterford, Nova Scotia, Canada. Watch charm and the like. 1,454,127; May 8.
McLean, Robert W., Bridgewater, assignor to Carver Cotton Gin Company, East Bridgewater, Mass. Saw-gumming machine. 1,472,013; Oct. 23.
McLellan, Charles, Sioux City, Iowa. Rotary toothbrush. 1,451,993; Apr. 17.
McLellan, John, Providence, R. I., assignor, by mesne assignments, to Multiple Drilling Machine Company. Multiple-drill machine. 1,452,920; Apr. 24.
McLellan, John, Providence, R. I., assignor, by mesne assignments, to Multiple Drilling Machine Company. Multiple-drill machine. 1,452,921; Apr. 24.
McLellan, William, et al. (See Michie, A. C., and Weeks, assignors.)
McLennan, William S., and G. Thomson, Glasgow, Scotland. Hand basket. 1,447,800; Mar. 6.
McLeod, George T., Boston, assignor to Thomas G. Plant Company, Roxbury, Boston, Mass. Shoe. 1,458,719; June 12.
McLeod, John, Downing, Wis. Boat. 1,474,725; Nov. 20.
McLeod, Nelson W., assignor, by mesne assignments, to W. A. Zelnicker, St. Louis, Mo. Packing ring. 1,449,615; Mar. 27.
McLeod, Thomas, Newcastle-upon-Tyne, England. Control apparatus. 1,446,261; Feb. 20.
McLeroth, T. B., (Tubes) Limited. (See McLeroth, Thomas B., assignor.)
McLeroth, Thomas B., assignor to T. B. McLeroth (Tubes) Limited, London, England. Air tube for pneumatic tires. 1,459,544; June 19.
McLeroth, Thomas B., assignor to T. B. McLeroth (Tubes) Limited, London, England. Air tube for pneumatic tires. 1,470,239; Oct. 9.
McLesky, Frank, and W. P. W. Johnson, Chicago, Ill. Curtain guide. 1,460,857; July 3.
McLin, Charles E., Rome, Ga. Yarn-twisting device. 1,466,180; Aug. 28.
McLoon, Nelson E., Glencoe, Mo. Collapsible barrel. 1,474,052; Nov. 13.
McLoughlin, Francis J., Brooklyn, N. Y. One-way exit gate. 1,446,015; Feb. 20.
McLoughlin, Patrick, Worcester, Mass. Chain. 1,450,981; Apr. 10.
McLoughlin Textile Corporation. (See Eberley, Frank L., assignor.)
McMahon, E. O. (See Armstrong, James F., assignor.)
McMahon, James T. (See Lapham, Jared S., assignor.)
McMahon, William F., Long Beach, Calif. Oil-well slush-pump piston and pump-piston packing-adjusting mechanism. 1,474,201; Nov. 13.
McManis, John V. (See Koenigkramer, Frank, assignor.)
McManus, Charles E., New York, N. Y. Bottle cap and making same. 1,444,714; Feb. 6.

McManus, Charles E., New York, N. Y. Machine for assembling bottle caps. 1,444,515; Feb. 6.
McManus, Charles E., New York, N. Y. Drying oven for printed metal sheets. 1,455,540; May 15.
McManus, John A., Lynn, Mass. Casting machine. 1,457,040; May 29.
McMasters, Walter B., Wheeling, W. Va. Headlight lens. 1,457,980; June 5.
McMath, Jennie R., San Diego, Calif. Clothespin carrier. 1,476,991; Dec. 11.
McMath, John E. (See Townsend, Frank B., assignor.)
McMeans, William, West Liberty, Iowa. Grain elevator. 1,466,724; Sept. 4.
McMeans, William, West Liberty, Iowa. Mausoleum. 1,466,725; Sept. 4.
McMeans, William, Scranton, Pa. Tie holder. 1,469,096; Sept. 25.
McMillan, Edward H. (See McMillan, James W. and E. H.)
McMillan, James, jr., Piedmont, W. Va. Tobacco pipe. 1,468,318; Sept. 18.
McMillan, James W., Santa Cruz, and E. H. McMillan, Oakland, Calif. Endless-chain drive for tractors. 1,446,712; Feb. 27.
McMillan Process Company. (See Aicher, G., and McMillan, assignors.)
McMillan, Uel S. (See Aicher, G., and McMillan.)
McMillen, Earl L. (See Blackburn, H. F., and McMillen.)
McMillen, Euclid S., Bethesda, Ohio. Convertible vehicle. 1,447,393; Mar. 6.
McMillen, George A., Alton, Ill. Hernial truss. Re. 15,657; July 17.
McMinn, Alfred J., Denver, Colo. Shade holder. 1,464,660; Aug. 14.
McMordie, William E., Hamilton, Tex. Clothes cleaner. 1,478,973; Dec. 25.
McMorran, E. E. (See Tiffany, William S., assignor.)
McMorris, Charles A., North Bend, Oreg. Leveling rod. 1,445,526; Feb. 13.
McMosiman, Kenton, Indianapolis, Ind. Waterproof cigarette and cigar case. 1,440,690; Jan. 2.
McMullen, A. W., et al. (See Dickover, C. W., and Henry, assignors.)
McMullen, John, Butte, Mont. Theft-preventing device for automobiles. 1,462,118; July 17.
McMullen, Joseph B., Catonsville, Md. Adjustable supporting bracket. 1,451,881; Apr. 17.
McMullen, Joseph B., Catonsville, assignor to Acme Motor Shield Corporation, Baltimore, Md. Windshield visor. 1,461,398; July 10.
McMullen, Robert V. (See Moyer, V. W., and McMullen.)
McMullin, Harry W., Frankfort, Ind. Gear shift. 1,467,765; Sept. 11.
McMullin, Joseph B., assignor to Western Manufacturing Company, Oskaloosa, Iowa. Valve device for hose reels. 1,457,180; May 29.
McMurphy, Crawford E., Fairfax, Mo. Nest box. 1,467,622; Sept. 11.
McMurphy, Crawford E., Fairfax, Mo. Neck ring. 1,467,623; Sept. 11.
McMurphy, James O. (See McClure, E. M., and McMurphy.)
McMurtrie, Douglas H. (See Richter, G. A., and McMurtrie.)
McMurtry, Ashley L., Dunnville, Ontario, Canada. Automobile signal. 1,463,430; July 31.
McMyler Interstate Company, The. (See Kaltenbach, Robert W., assignor.)
McMyler-Interstate Company, The. (See Lovell, Frederick W., assignor.)
McNab, Norman S., Melbourne, assignor to T. L. Courtney and H. Keith, junior, Wychitella, Victoria, Australia. Motor-car-spring mechanism. 1,471,622; Oct. 23.
McNabnay, James W. (See Craig, G. E., and McNabnay.)
McNaier, Joseph T., New York, N. Y. Centrifugal machine gun and feeding same. 1,472,080; Oct. 30.
McNair, George H. S. and H. N. D., and C. T. Siebs, New York, N. Y. Projecting images and apparatus therefor. 1,473,913; Nov. 13.
McNair, Hugh N. D. (See McNair, George H. S. and H. N. D., and Siebs.)
McNamara, Edward M., Chicago, Ill. Mop holder and wringer. 1,450,673; Apr. 3.
McNamara, F. S. (See O'Neill, Richard J., assignor.)
McNamara, John E., assignor to Seward Trunk and Bag Company, Petersburg, Va. Wardrobe trunk. 1,449,525; Mar. 27.
McNamara, John J., Mountain Ranch, Calif. Rock drill. 1,455,640; May 15.
McNamara, John V., Troy, N. Y. Collar. 1,478,988; Dec. 25.
McNamara, John W. (See Bockover, W. L., and McNamara.)
McNamara, John W., Peru, Ind. Swab. 1,446,098: Feb. 20.
McNamara, William T. (See Welpley, Walter W., assignor.)
McNames, William, Aberdeen, S. Dak. Automobile check. 1,472,727; Oct. 30.
McNary, James E., Chicago, Ill., assignor to J. W. Weeks, Secretary of War of the United States of America. Helmet. 1,450,379; Apr. 3.
McNaughton, Hart H., Maryville, Tenn. Camera. 1,449,429; Mar. 27.
McNaughton, Hart H., Maryville, Tenn. Pulverizing machine. 1,470,177; Oct. 9.
McNaughton, John. (See McNaughton, Mabel P. and J.)
McNaughton, John F., et al. (See Donaldson, Elizabeth C., assignor.)
McNaughton, Mabel P. and J., New York, N. Y. Mop. 1,450,445; Apr. 3.
McNaughton, Peter D., Dighton, Mich. Riveting device. 1,467,679; Sept. 11.
McNeal, Annie R., New York, N. Y. Typewriter attachment. 1,471,407; Oct. 23.
McNeely, George R. (See Walter, H. F., and McNeely.)
McNeely, Marion G., Tulare, Calif. Front drive for motor vehicles. 1,450,099; Mar. 27.
McNeil, Charles, Glasgow, Scotland. Dumbturner for sugar-cane mills. 1,448,557; Mar. 13.
McNeil, Claude P. (See Brinker, J. E., and McNeil.)
McNeil, Claude P., New York, N. Y., and E. P. Brown, Whiting, Ind. Absorbent for gases. 1,441,696; Jan. 9.
McNeil, James E., Memphis, Tenn. Plow. 1,472,728; Oct. 30.
McNeil, Roderick P., Baring, Wash. Scraper. 1,465,018; Aug. 14.
McNeil, William H., Hardy, Miss. Rail joint. 1,457,085; May 29.
McNeill, Aaron. (See Ricke, George H., assignor.)
McNeill, Alan M., and W. J. Abbott, Auckland, New Zealand. File for letters, documents, and the like. 1,463,827; Aug. 7.
McNeill, Dennis, Huntington, W. Va. Hinge. 1,444,695; Feb. 6.
McNeill, Dennis, assignor of one-third to F. C. Wallace, Huntington, W. Va. Flush tank. 1,475,841; Nov. 27.
McNeill, John F., Stanmore, assignor to James Martin and Company Limited, Concord West, New South Wales, Australia. Reaper-thrasher machine. 1,440,398; Jan. 2.
McNeill, Robert C., Jersey City, N. J. Combined sled and coaster. 1,477,513; Dec. 11.
McNeill, Roderick W., Boston, Mass. Turbine water wheel. 1,456,322; May 22.
McNeill, George, Detroit, Mich., assignor to Morgan & Wright. Quick-acting and attachable valve. 1,465,648; Aug. 21.
McNichol, Theodore W., Swampscott, Mass. Machine for sawing lasts. 1,460,678; July 3.
McNichol, Theodore W., Swampscott, Mass. Last and making the same. 1,460,679; July 3.
McNicol, Donald, New York, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriter attachment for telegraph systems. 1,464,952; Aug. 14.
McNish, Harvey, Attica, Kans. Railway-crossing gate. 1,478,446; Dec. 25.
McNulty, Arthur E, Bangor, Me. Pneumatic jack. 1,463,654; July 31.
McNulty, Martin T., Underwood, Minn. Combined gasket and vaporizer for automobiles and motors. 1,474,540; Nov. 20.
McNulty, Patrick F., New York, N. Y. Shoe construction. 1,444,747; Feb. 6.
McNutt, Charles E., Columbus, Ohio. Roller bearing. 1,474,600; Nov. 20.
McOlvin, Edward P., Wolf Summit, W. Va. Marker. 1,476,629; Dec. 4.
McOmish, Daniel J., Northcote, Victoria, Australia. Infant's soothing teat. 1,467,904; Sept. 11.
McPhaill, Alva and H., Visalia, Calif. Glare screen. 1,476,002; Dec. 4.
McPhaill, Hugh. (See McPhaill, Alva and H.)
McPhee, Dougald, Rivers Inlet, British Columbia, Canada. Fish-trimming machine. 1,473,961; Nov. 13.
McPhee, Hector, et al. (See Forsman, Andrew, assignor.)
McPhee, John. (See May, Joseph, assignor.)
McPherson, Alonzo L., Amesbury, Mass. Automobile seat. 1,467,645; Sept. 11.
McPherson, Floyd H., Los Angeles, and J. M. Abrams, San Francisco, Calif. Treating woods and other porous substances. 1,456,323; May 22.
McPherson, McCormack C., Hammond, Ind. Thermostatic circuit closer. 1,473,962; Nov. 13.
McPheters, Selden G., Oldtown, Me. Valve lifter. 1,449,951; Mar. 27.
McPike, Harold C., and F. A. Schmitz, assignors to The General Fireproofing Company, Youngstown, Ohio. Card-index tab. 1,460,761; July 3.
McQuaid, Harry W., assignor to The Timken Roller Bearing Company, Canton, Ohio. Carburizing hollow articles. 1,459,409; June 19.
McQuaid, John J., Brooklyn, and N. W. Samuels, New York, N. Y. End-thrust ball bearing. 1,469,424; Oct. 2.
McQuay-Norris Mfg. Co. (See Smith, Walter J., assignor.)
McQueary, Richard W., Grand Lake, Colo. Culvert. 1,444,198; Feb. 6.
McQueen, James, Clifton, N. J. Roof. 1,449,766; Mar. 27.
McQuigg, Charles E. (See Becket, F. M., and McQuigg.)
McQuinn, Bartholomew V., Cameron, Mo. Attachment for vehicles. 1,476,993; Dec. 11.
McQuinn, James, Liverpool, England. Talking-machine reproducer. 1,449,616; Mar. 27.
McRae, A. K., et al. (See Vallot, André, assignor.)

McRae, Alfred, et al. (See Czerny, Francis, assignor.)
McReynolds, Thomas F., Pueblo, Colo. Attachment for shoe-stitching machines. 1,467,052; Sept. 4.
McRoberts, A. C. (See Wyche, George W., assignor.)
McRoberts, David O., Stewardson, Ill. Bag holder. 1,461,802; July 17.
McRoberts, Donal C., Indianapolis, Ind., assignor to G & J Tire Company. Inner tube. 1,443,754; Jan. 30.
McRuer, Donald, and J. E. Sellers, Phoenix, Ariz. License plate. 1,451,621; Apr. 10.
McSheehy, Bartholomew E., assignor to J. C. Blair Company, Huntington, Pa. Folding papeterie. 1,460,426; July 3.
McSpadden, Arrelious M., St. Louis, Mo. Portable holder for grease containers. 1,448,140; Mar. 13.
McTarnahan, William C., et al. (See Gay, George L., assignor.)
McTowe, Edward, Rochester, N. Y. Anchoring insert for concrete structures. 1,469,198; Sept. 25.
McVeety, Charles, Cheltenham, Pa. Combined register box and deflector. 1,468,734; Sept. 25.
McVeigh, E. F., et al. (See Murden, Bayard C., assignor.)
McVicker, Duncan R., St. Louis, Mo. Repeating attachment for talking machines. 1,476,992; Dec. 11.
McVicker, Emery M., assignor to J. F. McVicker, Milwaukee, Wis. Rail fastener. 1,460,819; July 3.
McVicker, Emery M., assignor to J. F. McVicker, Milwaukee, Wis. Rail fastener. 1,474,787; Nov. 20.
McVicker, J. F. (See McVicker, Emery M., assignor.)
McVicker, Robert J., New York, N. Y. Fountain pen. 1,453,152; Apr. 24.
McWane, Arthur T., Birmingham, Ala. Pipe coupling. 1,474,435; Nov. 20.
McWane, Arthur T., Birmingham, Ala. Pipe joint. 1,474,436; Nov. 20.
McWane, Arthur T., Birmingham, Ala. Pipe joint. 1,474,437; Nov. 20.
McWhirter, John S., New York, N. Y., assignor to Westinghouse Electric & Manufacturing Company. Control apparatus. 1,473,824; Nov. 13.
McWhirter, William C., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automotive brake. 1,461,042; July 10.
McWhorter, Benjamin C., Ackerman, Miss. Hay car. 1,443,712; Jan. 30.
McWhorter, Emmett D., and A. A. Bennett, Coffeyville, Kans. Separator. 1,459,594; June 19.
McWhorter, P. L. (See Brockson, James W., assignor.)
McWilliam, George F. (See Savoy, Dennis E. A., assignor.)
McWilliams, William H., Kansas City, Mo. Foldable bed. 1,449,617; Mar. 27.
Meacham, Benjamin E., Lorain, Ohio, assignor to American Stove Company, St. Louis, Mo. Oven. 1,441,869; Jan. 9.
Meacham, Benjamin E., Lorain, Ohio, assignor to American Stove Company, St. Louis, Mo. Thermostatic heat regulator for ovens. 1,465,086; Aug. 14.
Mead, Albert R., Newark, N. J. Priming device. 1,463,712; July 31.
Mead, Charles M., Los Angeles, Calif. Safety signal for vehicles. 1,452,647; Apr. 24.
Mead Cycle Company. (See Lewis, George S., assignor.)
Mead, James S., Cincinnati, Ohio. Necktie holder. 1,452,648; Apr. 24.
Mead, Edward D., Caldwell, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Relay. 1,478,045; Dec. 18.
Mead, Ezra B., assignor to Ottumwa Iron Works, Ottumwa, Iowa. Bushing for car wheels. 1,466,137; Aug. 28.
Mead, Fred J., Newark, N. J. Mold for concrete floor beams of greenhouse benches. 1,468,316; Sept. 18.
Mead, George J., Glen Rock, N. J. Valve-operating mechanism. 1,463,171; July 31.
Mead, Gordon W., Sioux City, Iowa. Timer oiler. 1,475,643; Nov. 27.
Mead, Henry B., Cleveland, Ohio. Cap for valve stems. 1,478,448; Dec. 25.
Mead, Leslie A., Hayward, Calif. Pedal-extension attachment. 1,476,094; Dec. 4.
Mead-Morrison Manufacturing Company. (See Snow, Frederick O., jr., assignor.)
Mead, Robert P., and R. B. Thompson, Chicago, Ill. Foldable stool. 1,451,047; Apr. 10.
Meade, Grover H., San Jose, Calif. Route indicator. 1,470,385; Oct. 9.
Meade, Henry B. (See Meyer, C., and Meade.)
Meader, Roy E., Leominster, Mass. Vending machine. 1,476,266; Dec. 4.
Meadoff, Abraham S. (See Bauer, W. J., Wierth, and Meadoff.)
Meadors, George R. L., assignor to J. W. Dawkins, Memphis, Tenn. Interlocking block. 1,449,529; Mar. 27.
Meadowcroft, Joseph W., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Electrode-clamping device for electric welding machines; 1,441,443; Jan. 9.
Meadows, Albert, assignor to Detroit Vapor Stove Company, Detroit, Mich. Stove fixture or door hanger. 1,468,735; Sept. 25.
Meadows, Albert, assignor to Detroit Vapor Stove Company, Detroit, Mich. Oven-front construction. 1,468,736; Sept. 25.
Meadows, Albert, assignor to Detroit Vapor Stove Company, Detroit, Mich. Stove construction. 1,468,737; Sept. 25.
Meadows, Albert, assignor to Detroit Vapor Stove Company, Detroit, Mich. Drip-pan support and burner-box construction. 1,468,738; Sept. 25.
Meadows, J. A. (See McCaffrey, William H., assignor.)
Meadows, Samuel, Boston, Mass. Shade for windshields of automobiles. 1,467,766; Sept. 11.
Meadows, Thomas, & Co. Limited. (See Bigby, L. I. M., and Meikle, assignors.)
Meadows, William F., Chapman, Kans. Robe for automobiles. 1,443,631; Jan. 30.
Meagher, George A., et al. (See Hope, Frederick T., assignor.)
Meahl, Philip J., Summit, N. J., assignor to American Piano Company, New York, N. Y. Music-roll-printing machine. 1,448,696; Mar. 13.
Meaker, John W. (See Hindmarsh, P. J., and Meaker.)
Mealey, Merl B. (See Olson, E. H., Clark, Mealey, and Pelter.)
Means, Philip A., Cambridge, Mass. Foot-throttle-controlling mechanism for automobiles. 1,478,131; Dec. 18.
Meares, Harry E., Centralia, Fla. Phonograph-record cabinet. 1,445,340; Feb. 13.
Measured Service Meter Company. (See Crichton, Arthur M., assignor.)
Measuregraph Company, The. (See Hosch, Greene C., assignor.)
Measuregraph Company, The. (See Kyle, George B., assignor.)
Measuregraph Company, The. (See Pedersĕn, Johannes T., assignor.)
Measuregraph Company, The. (See Turner, Douglas, assignor.)
Measuregraph Company, The. (See Wheeler, John L., assignor.)
Meccano Limited. (See Hornby, Frank, assignor.)
Mechanical Development Company, et al. (See Drinkwater, Charles M., assignor.)
Mechanical Efficiency Company. (See Cadden, Charles C., assignor.)
Mechanical Efficiency Company et al. (See Wittum, George F., assignor.)
Mechanical & Electrical Manufacturing Co. Incorporated. (See McLean, Charles D., assignor.)
Mechanical Mixers Corporation. (See McKillican, Donald R., assignor.)
Mechanical Perfecting Corporation. (See Downe, Frank W., assignor.)
Mechanical Products Company. (See Stewart, Andrew B., assignor.)
Mechanical Rubber Company, The. (See Cobb, Henry Z., assignor.)
Mechanical Rubber Company, The. (See Kent, William J., assignor.)
Mechano Gear Shift Company. (See Richardson, Bayard E., assignor.)
Mechau, Robert. (See Villiger, W., and Mechau.)
Mechler, Julius F. (See Mechler, Sebastian T., assignor.)
Mechler, Sebastian T., assignor, by mesne assignments, of one-half to J. F. Mechler, San Antonio, Tex. Cushion wheel. 1,459,633; June 19.
Mechling, Charles J., New York, N. Y. Sound box. 1,465,239; Aug. 14.
Mecklenburg, Alfred C. (See Bathrick, C. E., and Mecklenburg.)
Mecklenburg, Alfred C., assignor to Stutz Fire Engine Company, Indianapolis, Ind. Safety valve for high-pressure lines. 1,441,018; Jan. 2.
Meckstroth, Louis W., Chicago, assignor to Woodstock Typewriter Company, Woodstock, Ill. Carrying and shipping case. 1,456,703; May 29.
Mecky, A., Company. (See Davis, Clarence M., assignor.)
Mecky, A., Company. (See Malan, Gordon T., assignor.)
Mecky, A., Company. (See Mottlau, August J., assignor.)
Medart, Fred, Manufacturing Company. (See Medart, P. S., and Albach, assignors.)
Medart, Philip S., and F. Albach, assignors to Fred Medart Manufacturing Company, St. Louis, Mo. Exercising apparatus. 1,450,300; Apr. 3.
Medeiros, Antone B. (See Medeiros, Ernest B. and A. B.)
Medeiros, Emygdio S., assignor to New Bedford Tensioning Devices, Inc., New Bedford, Mass. Thread-tensioning device. 1,450,559; Apr. 3.
Medeiros, Ernest B. and A. B., New Bedford, Mass. Torch holder for musical instruments. 1,452,977; Apr. 24.
Medén, Elof H., assignor to American Gasaccumulator Company, Elizabeth, N. J. Carburetor. 1,441,992; Jan. 9.
Medén, Elof H., Short Hills, assignor to American Gasaccumulator Company, Elizabeth, N. J. Light-operated controller. 1,466,885; Sept. 4.
Medén, Elof H., Short Hills, assignor to American Gasaccumulator Company, Elizabeth, N. J. Highway signal. 1,475,309; Nov. 27.
Medici, Villaglori, Genoa, Italy. Receptacle-washing machine. 1,475,850; Nov. 27.

Medusa Concrete Waterproofing Company. (See Newberry, Spencer B., assignor.)
Medveczky, Julius, New York, N. Y. Vaporizing attachment for internal-combustion engines. 1,474,909; Nov. 20.
Medved, Louis, Milwaukee, Wis. Clothesline reel. 1,456,704; May 29.
Medynski, Fred V., Medford, Oreg. Resilient wheel. 1,440,479; Jan. 2.
Mee, Thomas, jr., Clinton, Ill. Electric lantern. 1,461,540; July 10.
Mee, William J., et al. (See Tullis, Harley A., assignor.)
Meed, James E., Palestine, W. Va. Combined cover and spout for vessels. 1,470,693; Oct. 16.
Meed, James E., Palestine, W. Va. Saw-setting tool. 1,470,694; Oct. 16.
Meehan, Albert, Portland, Me. Forming, stretching, and drying support for gloves and the like. 1,475,193; Nov. 27.
Meehan, G. F., et al. (See Cleveland, Benjamin L., assignor.)
Meeker, Allen C., assignor of one-half to W. E. Griffith, Madrid, N. Y. Tool for removing ties from bottle necks. 1,456,185; May 22.
Meeks, Earl A., Green Cove Springs, Fla. Fireproof garment. 1,466,726; Sept. 4.
Meeks, J. G., et al. (See Dibble, C. W., and Phillips, assignors.)
Meell, George A., assignor to The Bailey, Banks & Biddle Company, Philadelphia, Pa. Class ring. Des. 63,371; Nov. 27.
Meem, James C., assignor of one-half to F. L. Cranford, Brooklyn, N. Y. Tunnel construction. 1,441,698; Jan. 9.
Meerse, Jacob. (See Hunter, John C., assignor.)
Megathlin, Ralph S., West Somerville, and A. E. Hudson, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon shoe parts. 1,458,190; June 12.
Megenity, Ralph A., Kansas City, Mo. Concrete construction. 1,472,373; Oct. 30.
Megill, Edward L., New York, N. Y. Gauge pin. 1,455,346; May 15.
Megley, Harley J., Chicago, Ill. Typographical mold. 1,461,927; July 17.
Megraw, Herbert A., New York, N. Y. Screen. 1,441,870; Jan. 9.
Meguiar, Charles W., Sonora, Ky. Measuring container for dental alloys or the like. 1,477,226; Dec. 11.
Mehanna, Willis E., Bussey, Iowa. Gate hinge. 1,469,425; Oct. 2.
Mehargue, J. W., et al. (See Atwood, Ernest O., assignor.)
Mehl, Charles F., Euclid, Ohio. Invalid bed. 1,459,112; June 19.
Meier, Charles F., White Haven, assignor to Wilmot Engineering Company, Hazleton, Pa. Drive chain. 1,453,592; May 1.
Meier-Gaynor Manufacturing Co. (See Gaynor, John J., assignor.)
Meier-Gaynor Mfg. Co. (See Edgecombe, Edward F., jr., assignor.)
Meier, Georg, Nuremberg, Germany. Pencil with displaceable graphite core. 1,444,978; Feb. 13.
Meier, George, Caldwell, N. J., assignor to M. Eisenberg & Son, New York, N. Y. Bracket for lighting fixtures or similar article. Des. 61,788; Jan. 9.
Meigs, Basil. (See Torkelson, E. M., and Meigs.)
Meigs, Curtis C., Bala, Pa. Artificial silk and making the same. 1,471,699; Oct. 23.
Meigs, Joseph V., Montclair, N. J., assignor to New Jersey Testing Laboratories. Treating sulphur chloride. 1,464,137; Aug. 7.
Meikle, James R. (See Bigby, L. I. M., and Meikle.)
Meilink, Charles F., Toledo, Ohio. Furniture. 1,466,138; Aug. 28.
Meilink, Charles F., Toledo, Ohio. Fireproof safe. 1,473,117; Nov. 6.
Mein, Stewart, B., Philadelphia, Pa. Holder for desk or memorandum pads. 1,453,052; Apr. 24.
Meinecke & Company. (See Johnson, Edward, assignor.)
Meinecke, Joseph, Paia Maui, assignor of one-half to W. A. Ramsay, Honolulu, Hawaii. Apparatus for clearing intermediate feed chutes. 1,464,914; Aug. 14.
Meinersmann, William. (See Guenther, Frank, assignor.)
Meinholdt, Otto R., assignor of one-half to E. Meyhoefer, Dallas, Tex. Ice tongs. 1,459,339; June 19.
Meininghaus, Ewald, Lancaster, N. Y. Target apparatus. 1,471,521; Oct. 23.
Meinken, John, St. Paul, Minn. Means for deaerating radiators of heating systems. 1,467,552; Sept. 11.
Meirowsky & Co., Actien-Gesellschaft. (See Schmidt, Friedrich K., assignor.)
Meischke-Smith, William, Boldre Hill, Boldre Hants, England. Distilling bituminous matter. 1,450,327; Apr. 3.
Meisel, Charles A., assignor to Meisel Press Manufacturing Company, Dorchester, Mass. Press. 1,440,787; Jan. 2.
Meisel, Joseph A., St. Louis, Mo. Trunk. 1,440,480; Jan. 2.
Meisel Press Manufacturing Company. (See Meisel, Charles A., assignor.)
Meiser, Wilhelm. (See Gaus, W., Meiser, and Eberhardt.)
Meisenburg, Kurt. (See Schulemann, W., Schütz, and Meisenburg.)
Meisezahl, Charles W., New York, N. Y. Bottle. Des. 63,569; Dec. 18.
Meisinger, Edward L., Clarion, Pa. Vacuum carburetor. 1,472,660; Oct. 30.
Meisner, Robert, and F. A. Roe, Traer, Iowa. Automobile headlight. 1,476,631; Dec. 4.
Meissner, Alexander, Berlin, Germany. Method of and means for indicating the frequency alterations of an alternating current. 1,445,636; Feb. 20.
Meissner, Alexander, Berlin, Germany. Receiving arrangement for wireless telegraphy. 1,454,328; May 8.
Meissner, Alexander, assignor to Gesellschaft für Drahtlose Telegraphie m. b. H. Hallesches, Berlin, Germany. Arrangement for receiving electrical oscillations. 1,474,726; Nov. 20.
Meissner, Charles, San Diego, Calif. Fish slicing and backbone-removing machine. 1,468,972; Sept. 25.
Meister, Albert R., Sacramento, Calif. Motor vehicle. 1,442,352; Jan. 16.
Meister, Charles H., Bellaire, Ohio. Miner's cap and lamp connection. 1,449,867; Mar. 27.
Meister, Herman, Milwaukee, assignor, by mesne assignments, to B. G. Edgerton, Oconomowoc, Wis. Rocking-horse. 1,478,449; Dec. 25.
Meister, Louis P., Troy, Mo. Automatic drip faucet. 1,477,227; Dec. 11.
Meister, Walter F., Collinsville, Ill. Lithopone and manufacture. 1,455,963; May 22.
Meitner, Elemer, Brooklyn, assignor, by mesne assignments, to Ford Instrument Company, Incorporated, New York, N. Y. Range clock. 1,455,799; May 22.
Meixell, Clyde C., Bethlehem, Pa. Shelf. 1,472,129; Oct. 30.
Meixner, William J., Camden, N. J., assignor to Voigt Company, Philadelphia, Pa. Lighting fixture. Des. 63,570; Dec. 18.
Meixner, William J., Camden, N. J., assignor to Voigt Company, Philadelphia, Pa. Lighting fixture. Des. 63,571; Dec. 18.
Meixner, William J., Camden, N. J., assignor to Voigt Company, Philadelphia, Pa. Lighting fixture. Des. 63,572; Dec. 18.
Meixner, William J., Camden, N. J., assignor to Voigt Company, Philadelphia, Pa. Lighting fixture. Des. 63,573; Dec. 18.
Meixner, William J., Camden, N. J., assignor to Voigt Company, Philadelphia, Pa. Lighting fixture. Des. 63,574; Dec. 18.
Meixner, William J., Camden, N. J., assignor to Voigt Company, Philadelphia, Pa. Lighting fixture. Des. 63,575; Dec. 18.
Mejdell, Thor. (See Foss, A., and Mejdell.)
Mejdell, Thor, Skoien, near Christiania, assignor to Aktieselskabet Labrador, Christiania, Norway. Precipitation of iron in aluminous solutions. 1,444,160; Feb. 6.
Melanowski, Leo, assignor of one-third to W. H. Cowdery and one-third to G. B. Durell, Cleveland, Ohio. Cast-metal wheel. 1,454,249; May 8.
Melbourne, Thomas. (See Tilston, B. H., and Melbourne.)
Melcher, George S., Sharon, Mass., assignor to C. W. McConnel, Boston, Mass., E. Macleod, Westwood, Mass., and F. B. Look, Northampton, Mass., trustees, doing business as Mason Regulator Company. Pressure regulator. 1,441,594; Jan. 9.
Melcher, George S., Sharon, assignor to C. W. McConnel, Boston, E. Macleod and L. Soule, Westwood, F. B. Look, Northampton, Mass., and C. Macleod, Philadelphia, Pa., trustees, doing business as Mason Regulator Company. Pressure regulator. 1,445,341; Feb. 13.
Melchior, William J., Fargo, N. Dak. Lifting jack. 1,465,278; Aug. 21.
Meldrum, Alexander, Syracuse, assignor to The Smith-Lee Company, Oneida, N. Y. Bottle cap. 1,458,535; June 12.
Meldrum Motor Corporation. (See Jergesen, James P., assignor.)
Melero, Luciano, Owensmouth, Calif. Animal trap. 1,471,047; Oct. 16.
Melfo, Frank. (See Ardo, J., and Melfo.)
Melgers, Wilhelmus C. J., Amsterdam, Netherlands. Apparatus for mechanically cleaning the material in use with concrete structures. 1,443,426; Jan. 30.
Mella, Fritz, Santiago, Chile. Exposure meter. 1,447,097; Feb. 27.
Mellen, Arthur W., jr. (See Pond, H. O., and Mellen.)
Mellenthin, Edwin E., Waukesha, Wis. Governor for electric motor drives. 1,469,802; Oct. 9.
Melles, Jakob, Brieg, Germany. Building element. 1,456,812; May 29.
Mellgren, Olof J., Gottenborg, Sweden. Insulating means. 1,446,983; Feb. 27.
Melli, Ambrogio. (See Baisi, Joseph, assignor.)
Mellin, George E., New York, N. Y. Idler for belt conveyers. 1,446,312; Feb. 20.
Mellin, George E., New York, N. Y. Skip hoist. 1,446,313; Feb. 20.
Mellin, George E., Westerleigh, assignor, by mesne assignments, to C. W. Hunt Company, Inc., New York, N. Y. Grab bucket. 1,444,800; Feb. 13.
Mellin, Gustaf A. E., assignor to F. T. Hughes, Los Angeles, Calif. Tire lock. 1,474,541; Nov. 20.

Melling, George, Lansing, Mich. Making flanged nuts. 1,457,914; June 5.

Mellis, James M., Victoria, British Columbia, assignor of one-half to W. H. L. Mellis, Peterboro, Ontario, Canada. Direction indicator. 1,445,530; Feb. 13.

Mellis, William H. L. (See Mellis, James M., assignor.)

Mellor Bromley & Co. Limited. (See Bromley, T. C., and Cavers, assignors.)

Mellor, Laurence B., Clifford Park, Germantown, Pa. Golf-ball dipper or retriever. 1,453,511; May 1.

Mellor, Leonard. (See Mellor, William H. and L.)

Mellor, William H. and L., Manchester, England. Machine for cutting cheese and other substances. 1,472,224; Oct. 30.

Mellott, Howard S. (See Eberly, Sylvester, assignor.)

Mellott, Howard S., Morenci, Mich., assignor to By-Products Recovery Company, Toledo, Ohio. Apparatus for evaporating or treating substances containing liquid. 1,440,548; Jan. 2.

Mellott, Howard S., Morenci, Mich., assignor to By-Products Recovery Company, Toledo, Ohio. Evaporating apparatus. 1,451,839; Apr. 17.

Mellowes, Alfred W. (See Bechtold, R. E. and Mellowes.)

Mellus, Grover B., Los Angeles, Calif. Hose. 1,474,328; Nov. 13.

Meloche, Daniel H., assignor to E. Holley, Detroit, Mich. Coating for metal molds. 1,453,593; May 1.

Meloon, Jonathan C., Providence, R. I. Automatic attachment for fire-extinguisher systems. 1,470,178; Oct. 9.

Mélotte, Alfred, Remicourt, Belgium. Speed indicator. 1,459,292; June 19.

Melton, Charles D., Eustace, Tex. Press. 1,478,450; Dec. 25.

Melton, Lenna. (See Kidder, I., and Melton.)

Melton, Lora T., Marshfield, Mo. Dental implement. 1,450,103; Mar. 27.

Melton, William T., Quay, Okla. Gudgeon. 1,445,531; Feb. 13.

Meltz, Julius B., Everett, Mass. Caster. 1,445,027; Feb. 13.

Meltzer, Benjamin, Brooklyn, N. Y. Drawing table. 1,443,998; Feb. 6.

Meltzer, Edward, New York, N. Y. Hydrocarbon vaporizer and burner. 1,456,900; May 29.

Melville, Alexander P., et al., executors. (See Mackenzie, R. W. R., Robinson, Fort, and Lumsden.)

Melville, Thomas A., Jerome, Ariz. Elevator interlock. 1,470,279; Oct. 9.

Melville, Victor R., La Grange, Oreg. Nonbursting radiator tube. 1,448,075; Mar. 13.

Melvin, William C., Coarsegold, Calif. Oil gauge. 1,442,780; Jan. 16.

Melzer, Albert, Osthofen, Germany. Device for the erection of boardings for the production of cofferwork without the use of scaffolding. 1,449,770; Mar. 27.

Memmott, Alfred B., Salt Lake City, Utah. Radiator cap. Des. 62,739; July 24.

Memo Manufacturing Company. (See Platz, Henry T., assignor.)

Menard, Edward A. (See Lemelin, George T., assignor.)

Ménard, Sylva, Montreal, Quebec, Canada. Cooking appliance. 1,443,883; Jan. 30.

Menasha Wooden Ware Co. See Cooper, Simon, assignor.)

Mendal, Henry L., Baltimore, Md. Cooker. 1,444,476; Feb. 6.

Mendal, Henry L., Baltimore, Md. Sifter. 1,446,625; Feb. 27.

Mendenhall, Austin A., Duluth, Minn. Resilient wheel. 1,463,369; July 31.

Mendenhall, Oscar J., Gibbon, Nebr. Device for removing ties from railway tracks. 1,478,346; Dec. 18.

Mendez, Nicanor, Belgrano, Buenos Aires, Argentina. Sound-reproducing device. 1,443,030; Jan. 23.

Mendez, Presiliano, Valmy, Nev. Food-preparing utensil. 1,451,342; Apr. 10.

Meng, Arthur, Cleveland, Ohio. Spectacles display holder. Des. 62,579; June 26.

Meng, Arthur, Cleveland, Ohio. Spectacles-display holder. Des. 62,674; July 17.

Meng, Arthur, Cleveland, Ohio. Ring-display holder. Des. 62,786; July 31.

Meng, John D., Rochester, N. Y. Vending machine. 1,476,827; Dec. 11.

Mengel, Charles C., assignor to The Mengel Company, Louisville, Ky. Box or container and sealing same. 1,472,661; Oct. 30.

Mengel Company, The. (See Green, Warren T., assignor.)

Mengel Company, The. (See Mengel, Charles C., assignor.)

Menger, August, San Antonio, Tex. Automatic battery water-supplying device. 1,471,048; Oct. 16.

Menger, Emil, Wiesbaden, Germany. Gasifying burner for liquid fuel. 1,457,542; June 5.

Menges, Albert C., et al. (See Smith, Thomas C., assignor.)

Menges, Albert C., Memphis, Tenn., assignor to Menges Motors Company, Greenville, Miss. Distributor. 1,467,054; Sept. 4.

Menges Motors Company. (See Menges, Albert C., assignor.)

Menk, Rudolph W., Joliet, assignor to The Excelsior Steel Furnace Company, Chicago, Ill. Air circulator and humidifier for radiators. 1,456,607; May 29.

Menke, William C. (See Schepman, Frederick W., assignor.)

Mennell, James L., assignor to Chas. Butters & Co. Limited, London, England. Apparatus for indicating the density of liquids and automatically grading the same according to their density. 1,454,756; May 8.

Mennie, Robert S., Chicago, Ill. Flexible stay-bolt construction. 1,455,645; May 15.

Mennillo, Ciro R., New City, N. Y. Spare-tire lock. 1,462,238; July 17.

Menning, Otto H., Houston, Tex. Vehicle body. 1,458,352; June 12.

Menor, Charles E., Spirit Lake, Iowa. Banking apparatus. 1,453,512; May 1.

Mensik, Albert, Gordon, Tex. Automobile jack. 1,476,208; Dec. 4.

Mentzer, John P., Chicago, Ill. Connecter link for anti-skid chains. 1,472,805; Nov. 6.

Menzel, John B., Dayton, Ohio. Wrench. 1,459,739; June 26.

Menzer, Albert N., and F. Mintmier, Johnstown, Pa. Antislipping attachment for motor-vehicle tires. 1,478,613; Dec. 25.

Menzer, Conrad, Los Angeles, Calif. Making walls. 1,449,340; Mar. 20.

Menzies, John, New Haven, Conn. Steam bowl for chemical laboratories. 1,454,648; May 8.

Mercedes-Buro-Maschinen- und Waffenwerke. (See Schlüns, Carl, assignor.)

Mercer, Charles G., New York, N. Y. Automobile license box. 1,452,430; Apr. 17.

Mercer, Elbert. (See Suber, L., and Mercer.)

Mercer, Henry H., Claremont, N. H., assignor to Sullivan Machinery Company. Rotating mechanism. 1,445,151; Feb. 13.

Mercer, Henry H., Claremont, N. H., assignor to Sullivan Machinery Company. Rotating mechanism. 1,445,152; Feb. 13.

Mercer, Henry H., Claremont, N. H., assignor to Sullivan Machinery Company. Percussive tool. 1,466,066; Aug. 28.

Mercer, Iza N., Wellsburg, W. Va. Grapple. 1,472,081; Oct. 30.

Mercer, John F., assignor of one-half to W. W. Brookner, Globe, Ariz. Electric heater for liquids. 1,446,807; Feb. 27.

Mercer, William H., Portland, Oreg. Bandage fastener. 1,465,717; Aug. 21.

Merchants Gold Stamp Company. (See Adamy, Harry D., assignor.)

Merchants National Bank. (See Dunn, Edward L., assignor.)

Mercier, Charles W., assignor to The Whitehead & Hoag Company, Newark, N. J. Bank. 1,443,083; Jan. 23.

Mercier, Henri, Paris, France. Stabilizing device for vehicles. 1,446,759; Feb. 27.

Meredith, Jaquelin M., Norfolk, Va. Collapsible tire rim. 1,447,804; Mar. 6.

Meredith, John R., Atlanta, Ga. Inner tube. 1,474,085; Nov. 13.

Meredith-Jones, Hubert, New York, N. Y. Electric heater. 1,440,402; Jan. 2.

Meredith-Jones, Hubert, assignor of one-half to A. Caverno, New York, N. Y. Adding machine. 1,458,141; June 12.

Meredith, William C., Atlanta, Ga. Multiple conduit. 1,459,476; June 19.

Meredith, Wynn, Alameda, assignor to Petroleum Rectifying Company, San Francisco, Calif. Process of and apparatus for dehydrating petroleum emulsions by osmosis. 1,440,835; Jan. 2.

Meredith, Wynn, Alameda, assignor to Petroleum Rectifying Company, San Francisco, Calif. Dehydrator. 1,452,207; Apr. 17.

Mergenthaler Linotype Company. (See Kennedy, David S., assignor.)

Mergenthaler Linotype Company. (See Kingsbury, George P., assignor.)

Mergenthaler Linotype Company. (See Pierson, Edwin W., assignor.)

Mergenthaler Linotype Company. (See Rogers, John R., assignor.)

Mergott, J. E., Company, The. (See Fuller, Franz A., assignor.)

Meriam, Joseph B., Cleveland, Ohio. Flexible coupling. 1,467,185; Sept. 4.

Merick, Wendell S., Chicago, Ill. Ironing machine. 1,473,997; Nov. 13.

Meridian, Fred, Vancouver, Wash. Valve grinder. 1,457,785; June 5.

Merillat, Peter C., Winfield, Iowa. Attachment for road scrapers or graders. 1,454,757; May 8.

Merit Machine Manufacturing Corporation. (See Erb, Edmund M., assignor.)

Merkel, Arthur E., et al. (See Stringer, Melvin, assignor.)

Merkel, George H., Bluefield, W. Va. Combined piano bench and music cabinet. 1,451,996; Apr. 17.

Merkel, Henry, West Mentor, Ohio. Trestle. 1,442,353; Jan. 16.

Alphabetical list of patentees—Continued.

Merli, Carlo, and G. Bertolini; said Bertolini assignor to V. Kleinberg, S. Mangiapane, and F. Fumo, New York, N. Y. Knitting machine. 1,443,999; Feb. 6.
Merli, Carlo, and G. Bertolini; said Bertolini assignor of his right to V. Kleinberg, S. Mangiapane, and F. Fumo, New York, N. Y. Meat-packing machine. 1,450,104; Mar. 27.
Merlien, Hiram A., et al. (See Whitney, William A., assignor.)
Mero, Jesse R. (See Hartley, C. A., and Mero.)
Merrell, Oliver E., assignor to Merrell-Soule Company, Syracuse, N. Y. Concentrating process. 1,443,714; Jan. 30.
Merrell, Oliver E., assignor to Merrell-Soule Company, Syracuse, N. Y. Process and apparatus for removing a vaporizable substance from powdered material. 1,478,526; Dec. 25.
Merrell-Soule Company. (See Merrell, Oliver E., assignor.)
Merriam, Edmund S., Marietta, Ohio. Recovery of gasoline from natural gas, etc. 1,457,786; June 5.
Merriam, Lauren B., Tallahassee, Fla. Nutcracker. 1,445,532; Feb. 13.
Merrick, Frank W. (See Wright, W. C., and Merrick.)
Merrick, Frank W., Boston, Mass. Presser-lifting device. 1,449,771; Mar. 27.
Merrick, Herbert L., Passaic, N. J. Electromagnetically-operated counter. 1,468,490; Sept. 18.
Merrill Company, The. (See Nordstrom, Sven J., assignor.)
Merrill Company, The. (See Silver, Albert, assignor.)
Merrill, Cortez, and C. M. Wegner, Oelwein, Iowa. Automobile clock frame. 1,471,797; Oct. 23.
Merrill, Harry L. (See Ames, F. C., and Merrill.)
Merrill, Moses C., Buxton Center, Me. Measuring rule. 1,469,944; Oct. 9.
Merrill Process Company. (See Macdonald, John W. F., assignor.)
Merrill, Sidney B., assignor to The E. W. Vanduzen Company, Cincinnati, Ohio. Gong. 1,471,798; Oct. 23.
Merrill, Whitney S., San Francisco, Calif. Water faucet. 1,444,549; Feb. 6.
Merrill, Wilbur L., Schenectady, N. Y., assignor to General Electric Company. Segregated drive for paper-making machines and the like. 1,465,087; Aug. 14.
Merrill, Wilbur L., and H. A. Winne, Schenectady, N. Y., assignors to General Electric Company. Electric steam boiler. 1,462,350; July 17.
Merrimac Chemical Company. (See Bezanson, Osborne, assignor.)
Merrimac Chemical Company. (See Stantial, Frank G., assignor.)
Merrimac Chemical Company. (See Stantial, F. G., and Clarke, assignors.)
Merriman, Arthur G., Columbus, Ohio. Motion-picture cabinet. 1,460,071; June 26.
Merriman, Robert M., Akron, Ohio. Tire mold. 1,455,218; May 15.
Merritt, Arthur A., Worcester, Mass., assignor to Willcox & Gibbs Sewing Machine Co., New York, N. Y. Tension-thread guide. 1,467,443; Sept. 11.
Merritt & Chapman Derrick & Wrecking Company. (See Hopson, Edward H., assignor.)
Merritt, Clarence H., Heppner, Oreg. Measuring instrument. 1,454,130; May 8.
Merritt, Edward F., assignor of one-half to F. L. Merritt, East Boston, Mass. Cleaning device. 1,456,394; May 22.
Merritt, Frank L. (See Merritt, Edward F., assignor.)
Merritt, Fredrick B., Sacramento, Calif. Folding steering wheel. 1,459,957; June 26.
Merritt, Merton, Syracuse, N. Y. Poultry tag for trap nests. 1,464,850; Aug. 14.
Merritt, Robert G., New York, N. Y. Hypsometer. 1,455,347; May 15.
Merritt, S. Whyle, Co. (See Thamm, Paul, assignor.)
Merriweather, R. R., et al. (See Miller, Harry A., assignor.)
Merrow, Charles E. A., Boston, Mass. Surface for pictorial display and the like. 1,460,553; July 3.
Merrow, Joseph M., assignor to The Merrow Machine Company, Hartford, Conn. Edging or border finish. 1,462,372; July 17.
Merrow, Joseph M., assignor to The Merrow Machine Company, Hartford, Conn. Edging or border finish. 1,462,373; July 17.
Merrow Machine Company, The. (See Merrow, Joseph M., assignor.)
Merry, Ambrose A., et al. (See Ayers, Webb W., assignor.)
Merry, Charles P., New Orleans, La. Composition for facilitating the fitting of bearings. 1,458,772; June 12.
Mersfelder, William L., Cincinnati, Ohio. Pipeless furnace. 1,442,628; Jan. 16.
Mersfelder, William L., Cincinnati, Ohio. Stove door. 1,475,236; Nov. 27.
Mershon, Ralph D., New York, N. Y. Tank or vessel for electrolytic apparatus and other purposes. 1,456,901; May 29.
Mershon, Ralph D., New York, N. Y. Means for maintaining ebullition. 1,473,243; Nov. 6.
Mershon, Stephen L., Llanerch, Pa. Igniting device for fuel burners. 1,475,644; Nov. 27.
Mersman, Joseph, Ottawa, Ohio. Sound modifying apparatus. 1,444,932; Feb. 13.
Mersman, Joseph, Ottawa, Ohio. Automatic stop for talking machines. 1,444,933; Feb. 13.
Merté, Willy, asignor to C. Zeiss, Jena, Germany. Telephoto objective. 1,467,804; Sept. 11.
Mertens, George. (See Allen, James M., assignor.)
Mertz, Albert, Dayton, Ohio. Internal-combustion engine. 1,471,408; Oct. 23.
Mertz, James A., Webster City, Iowa, and F. Priestley, Mountain Grove, Mo. Animal trap. 1,446,715; Feb. 27.
Mertz, Lewis H., Chicago, Ill. Implement handle. 1,455,502; May 15.
Mertzanoff, André M., New York, N. Y., assignor to American Radiator Company, Chicago, Ill. Heating apparatus. 1,460,820; July 3.
Mertzanoff, André M., Buffalo, N. Y., assignor to American Radiator Company, Chicago, Ill. Heating apparatus. 1,476,165; Dec. 4.
Mervin, William M., et al. (See Barr, Clarence E., assignor.)
Mervin, William M., et al. (See Barr, C. E., and Jackson, assignors.)
Mervyn, William J., Gull Lake, Saskatchewan, Canada. Gopher poisoner. 1,447,220; Mar. 6.
Merwin, Eugene D., Seattle, Wash. Apparatus for grading and washing heavy material. 1,448,310; Mar. 13.
Merwin, John C., assignor to Chain Belt Company, Milwaukee, Wis. Safety guard. 1,467,186; Sept. 4.
Merz, Charles H., et al. (See Michle, A. C., and Weeks, assignors.)
Mesinger, Frederick. (See Mesinger, Henry and F.)
Mesinger, Frederick, New York, N. Y. Saddle. 1,462,976; July 24.
Mesinger, Henry and F., New York, N. Y. Cushion saddle. 1,474,977; Nov. 20.
Mesker Brothers Iron Company. (See Mesker, F., Smith, and Beuc, assignors.)
Mesker, Frank, C. E. Smith, and J. Beuc, assignors to Mesker Brothers Iron Company, St. Louis, Mo. Metal window construction. 1,452,519; Apr. 24.
Mèsny, Arthur B. L., Washington, D. C., and G. de J. Mèsny, Norfolk, Va. Combined film supporter and hanger. 1,460,346; June 26.
Mèsny, Gifford de J. (See Mèsny, Arthur B. L. and G. de J.).
Messacar, Guy A., Ionia, Mich. Ladder-step bracket. 1,475,078; Nov. 20.
Messenger, Jack E., Des Moines, Iowa. Spring for chocker valves. 1,470,583; Oct. 9.
Messer, Adolf, Frankfort-on-the-Main, Germany. Cooling air. 1,462,177; July 17.
Messer, Adolf, Frankfort-on-the-Main, Germany. Carbon cartridge adapted to be used as initial igniter. 1,469,442; Oct. 2.
Messer, Adolf, Erfurt, Germany, assignor of one-half to Marburg Brothers, Inc., New York, N. Y. Electric switching device. 1,441,735; Jan. 9.
Messer, Ernest G. (See Solinger, H. R., and Messer.)
Messer, George F., Aberdeen, Wash. Signal. 1,447,098; Feb. 27.
Messer, Peter J., Olean, N. Y. Vehicle signal. 1,469,481; Oct. 2.
Messick, Turner B. (See Packer, M. L., and Messick.)
Messig, George, Brooklyn, N. Y. Tune-sheet-perforating device. 1,448,560; Mar. 13.
Messina, Angelo C. and J., Pittsburgh, Pa. Lock. 1,469,233; Oct. 2.
Messina, Joseph. (See Messina, Angelo C. and J.)
Messinger, Isadore, Rochester, N. Y. Collapsible foil tube. 1,442,440; Jan. 16.
Messinger, Norman A., assignor to Pennsylvania Pump and Compressor Co., Easton, Pa. Balancing means for pumps. 1,458,589; June 12.
Messino, Liborio. (See Martire, V., Defrancisco, Messino, and Lombardo.)
Messiter, Edwin H., Brooklyn, N. Y. Car unloader. 1,447,596; Mar. 6.
Messter, Oskar, Berlin, Germany, assignor to N. V. Aerofoto, Amsterdam, Netherlands. Apparatus for practicing sighting and determining photographically the deviation errors. 1,455,007; May 15.
Mestice, William R., New York, N. Y. Coats and making the same. 1,464,880; Aug. 14.
Meston, Archibald F., assignor to Research Corporation, New York, N. Y. System for scrubbing coal gas. 1,444,627; Feb. 6.
Mészáros, Alexandor, New York, N. Y. Plow. 1,475,710; Nov. 27.
Metal Forms Corporation. (See Pulis, Oscar B., assignor.)
Metal Forms Corporation. (See Trester, Herault A., assignor.)
Metal Lamp Corporation. See Kohler, Jacob F., assignor.)
Metal Recording Disc Company, Inc. (See Emerson, Victor H., assignor.)
Metal Saw and Machine Co., Inc. (See Stowell, Byron F., assignor.)
Metal Saw and Machine Company, Inc. (See Stowell, B. F., and Washburn, assignors.)
Metal Supply Company. (See Miller, David H. and A., assignors.)

Metal & Thermit Corporation. (See Kardos, Emanuel, assignor.)
Metallic Shaft Company, The. (See Lard, Allan E., assignor.)
Metallurgical Laboratories, Inc. (See Jones, David B., assignor.)
Metals Patents Limited. (See Pearson, R. E., and Craig, assignors.)
Metals Production Company of North America Incorporated. (See Perkins, Walter G., assignor.)
Metals Recovery Company. (See Bragg, Gilbert A., assignor.)
Metcalf, Florence D. (See Rogers, Joseph S., assignor.)
Metcalfe, Harry, Somersworth, N. H. Process and machine for continuous dyeing. 1,457,741; June 5.
Metcalfe, James C. (See Metcalfe, Richard D. and J. C.)
Metcalfe, Richard D., Romiley, and J. C. Metcalfe, Marple, England. Exhaust-steam injector. 1,442,532; Jan. 16.
Metcalfe, Richard D. and J. C., Romiley, England. Injector. 1,472,337; Oct. 30.
Métérie, Emile J. (See Thoens, Burchard, assignor.)
Methot, Philip. (See Martel, L. V., and Methot.)
Metropole, Tasso D., and T. M. Cottakis, New York, N. Y. Automatic typewriter. 1,456,560; May 29.
Metropolitan Sewing Machine Corporation. (See Weis, John P., assignor.)
Mets, James A., Fremont, Nebr. Sheet-turning device. 1,469,168; Sept. 25.
Mettenburg, Joe, Mount Hamill, Iowa. Tractor attachment. 1,448,634; Mar. 13.
Mettler, Christoph, sr., Menno, S. Dak. Grain elevator. 1,455,301; May 15.
Mettler, Clement J., Fort Wayne, Ind. Child's vehicle. 1,472,611; Oct. 30.
Mettler, John C., assignor to Beardslee Chandelier Manufacturing Company, Chicago, Ill. Plate for lighting fixtures. Des. 63,576; Dec. 18.
Mettler, Josef, assignor to Landis & Gye A.-G., Zug, Switzerland. Time switch. 1,467,444; Sept. 11.
Mettler, Lee B. (See Nordensson, C. O., and Mettler.)
Mettler, Lee B., Los Angeles, Calif. Gas burner. 1,440,614; Jan. 2.
Metts, Wallace, Burlington, Vt. Gaiter. Des. 62,914; Aug. 21.
Metz, Charles H., assignor to C. A. Metz, Canton, Ohio. Water ejector. 1,453,513; May 1.
Metz, Clara A. (See Metz, Charles H., assignor.)
Metz, Ellwood A. (See Haase, J. I., and Metz.)
Metz, Herman A. (See Funk, C., and Freedman, assignors.)
Metz, Herman A. (See Sherndal, Alfred E., assignor.)
Metz, John J., Meadville, Pa. Train-order holder. 1,450,813; Apr. 3.
Metz, Leo V., Erie, Pa. Concrete block. 1,462,374; July 17.
Metz, Norbert, Dudelingen, Luxemburg. Relief device for rolling mills. 1,468,825; Sept. 25.
Metz, Stanley M., Langley Field, Va. Fuel-supply system. 1,478,878; Dec. 25.
Metzgar, Chester W., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Plate-valve lifter. 1,458,625; June 12.
Metzger, Clarence D., Shelby, Ohio. Tractor clutch control. 1,460,598; July 3.
Metzger, Floyd J., New York, N. Y., assignor to Air Reduction Company, Inc. Electrode. 1,448,413; Mar. 13.
Metzger, Floyd J., New York, N. Y., assignor to Air Reduction Company, Incorporated. Luminescent tube. 1,467,187; Sept. 4.
Metzger, Floyd J., New York, N. Y., assignor, by mesne assignments, to California Cyanide Company, Incorporated. Fixing nitrogen. 1,473,826; Nov. 13.
Metzger, Harry C., assignor to Atlas Machine Works, Inc., Los Angeles, Calif. Piston construction. 1,478,361; Dec. 18.
Metzger, Jules P., Carlstadt, N. J., assignor to The Leslie Company, Lyndhurst, N. J. Combined pressure regulating and governing apparatus. 1,472,662; Oct. 30.
Metzger, Maurice, Montreal, Quebec, Canada. Gasoline gauge. 1,422,168; Jan. 16.
Metzger, Maurice, Montreal, Quebec, Canada. Film-splicing machine. Re15,730; Dec. 11.
Metzger, Modeste A., Chicago, Ill. Door. 1,447,394; Mar. 6.
Metzger, Myer, Chicago, Ill. Food-display cover. 1,470,859; Oct. 16.
Metzger, Samuel J. T., Williamsport, Pa. Flush-valve construction. 1,470,179; Oct. 9.
Metzger, William, New York, N. Y. Means for distributing lubricating grease. 1,457,380; June 5.
hydrocarbon. 1,457,543; June 5.
Metzger, William, New York, N. Y. Spring lubricator. 1,475,270; Nov. 27.
Metzner, Albert W. (See Sherman, J. Q., and Metzner.)
Metzner, Albert W., assignor to The Standard Register Company, Dayton, Ohio. Printing press. 1,466,027; Aug. 28.
Metzner, Albert W., and J. Q. Sherman, Dayton, Ohio; said Metzner assignor to said Sherman. Rotary punch and die mechanism. 1,466,001; Aug. 28.
Metzsch, Soren, Springfield, Nebr, assignor of one-third to J. Knaff, Beatrice, Nebr., and one-third to R. B. Harberg, Springfield, Nebr. Pipe coupling. 1,441,736; Jan. 9.
Meuer, George J., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Electric switch. 1,470,860; Oct. 16.
Meuer, Henry, assignor to Seidner & Hitzigrath, Inc., New York, N. Y. Hair-net container. 1,475,130; Nov. 20.
Meunier, Charles A., Great Neck, N. Y. Hanger. 1,442,771; Jan. 16.
Meurisse, Charles C., Chicago, Ill. Polo mallet. 1,478,483; Dec. 25.
Meutsch, Charles C., Buffalo, N. Y. Mattress, cushion, and seat. 1,455,847; May 22.
Meutsch, Charles C., Buffalo, N. Y. Spring seat cushion. 1,476,456; Dec. 4.
Meves, Gustav N., Davenport, Iowa. Clothes wringer. 1,466,914; Sept. 4.
Mewborn, Sidney G., Wilson, N. C. Loose-leaf binder. 1,464,185; Aug. 7.
Mewes, Rudolf F. and R. K. E., Berlin, Germany. Separating gas mixtures under pressure. 1,449,291; Mar. 20.
Mewes, Rudolf K. E. (See Mewes, Rudolf F. and R. K. E.)
Meyberg, Manfred, assignor to Germain Seed and Plant Company, Los Angeles, Calif. Display case. 1,467,805; Sept. 11.
Meyer, Adolf, Zurich, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Means for fastening the blades in gas turbines and steam turbines. 1,478,902; Dec. 25.
Meyer, Adolph E., Webster Groves, assignor to Textile Products Manufacturing Company, St. Louis, Mo. Cotton picker's sack. 1,458,773; June 12.
Meyer, Adolph F., St. Paul, Minn. Governor. 1,450,380; Apr. 3.
Meyer, Adolph H., Pittsburgh, assignor to H. L. Dixon Company, Carnegie, Pa. Valve. 1,476,534; Dec. 4.
Meyer, Albert C., San Diego, Calif. Interest calculator. 1,472,276; Oct. 30.
Meyer, Albert W., Roselle, N. J. Coffee-making apparatus. 1,462,610; July 24.
Meyer, Anna, trustee. (See Schluesselburg, George, assignor.)
Meyer, Anton J., Milwaukee, Wis. Combined wrench and pliers. 1,442,083; Jan. 16.
Meyer, August H., Plauen, Germany. Device for the production of crochet seams and patterns in embroidery machines. 1,452,840; Apr. 24.
Meyer, Bruno, Berlin-Charlottenburg, Germany, assignor to the Firm Julius Pintsch Aktiengesellschaft, Berlin, Germany. Direct-combustion grate-burning process with separate distillation and combustion of the fuel. 1,443,632; Jan. 30.
Meyer, Charles, and H. B. Meade, assignors to F. A. Gillespie, Los Angeles, Calif. Amalgamator and separator. 1,469,007; Sept. 25.
Meyer, Charles, and H. B. Meade, assignors to F. A. Gillespie, Los Angeles, Calif. Amalgamator and separator. 1,469,008; Sept. 25.
Meyer, Emanuel M., assignor to Langdon-Meyer Laboratories, Cincinnati, Ohio. Refrigerator. 1,451,917; Apr. 17.
Meyer, Emil A., Houston, Tex. Automatic time switch. 1,456,139; May 22.
Meyer, Eugene, New York, N. Y. Resonance horn. 1,475,769; Nov. 27.
Meyer, Frank H. (See Klaus, F. R., and Meyer.)
Meyer, Frank W., assignor to The Oshkosh Trunk Company, Oshkosh, Wis. Trunk lock. 1,454,329; May 8.
Meyer, Frank W., assignor to The Oshkosh Trunk Company, Oshkosh, Wis. Wardrobe trunk. 1,455,964; May 22.
Meyer, Franz, assignor to the Firm of Carl Zeiss, Jena, Germany. Apparatus for testing bolt threads. 1,461,782; July 17.
Meyer, Frederick, Buffalo, N. Y. Closure for storage compartments. 1,453,402; May 1.
Meyer, Friedrich W., assignor to The Cutler-Hammer Mfg. Co. Milwaukee, Wis. Controlling and regulating apparatus. 1,442,728; Jan. 16.
Meyer, Friedrich W., Madison, and A. Simon, assignors to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Apparatus for measuring the flow of fluids. 1,476,762; Dec. 11.
Meyer, Gottfried, Verndale, Minn. Preparing cheese. 1,462,375; July 17.
Meyer, Hans J., and C. B. Watson, Minneapolis, Minn. Fuel commingler and burner. 1,476,994; Dec. 11.
Meyer, Harry R. (See Simmon, K. A., and Meyer.)
Meyer, Harry R., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Starting mechanism for automobiles. 1,469,234; Oct. 2.
Meyer, Henry, Detroit, Mich. Water-treading apparatus. 1,463,330; July 31.
Meyer, Henry, Anderson, Ind. Self-sealing pocket. 1,478,484; Dec. 25.
Meyer, Henry A., et al. (See Wagner, Albert G., assignor.)

Meyer, Henry C., Black Jack, Mo. Tying machine. 1,470,861; Oct. 16.
Meyer, Henry H., Red Wing, Minn. Grain separator. 1,458,429; June 12.
Meyer, Henry W. (See Butler, Robert H., assignor.)
Meyer, Henry W., Cincinnati, Ohio. Spotlight mounting. 1,443,331; Jan. 23.
Meyer, Hubert J. (See Wells, N. C., and Meyer.)
Meyer, Jay S., Philadelphia, Pa. Refrigerator. 1,471,503; Oct. 23.
Meyer, John W., Fort Atkinson, Wis. Water heater. 1,462,611; July 24.
Meyer, Joseph P., Rochester, N. Y. Flushing valve. 1,474,117; Nov. 13.
Meyer, Julius A., St. Louis, Mo. Tension rod for drums. 1,443,191; Jan. 23.
Meyer-Keller, Otto, Lucerne, Switzerland. Electric water heater. 1,475,645; Nov. 27.
Meyer, Lorenz L., Wentworth, S. Dak. Manure loader. 1,469,660; Oct. 2.
Meyer, Mabelle A., New York, N. Y. Atomizer. 1,462,041; July 17.
Meyer, Otto, Toledo, Ohio. Ash sifter. 1,465,858; Aug. 21.
Meyer, Paul G., assignor to G. H. Bass & Company, Wilton, Me. Moccasin. 1,475,646; Nov. 27.
Meyer, Peter, Newark, N. J. Automatic multiple-tapping machine. 1,458,948; June 19.
Meyer, Peter, St. Paul, Minn. Liquid brake. 1,471,186; Oct. 16.
Meyer, Robert T., Canton, Ohio. Suction separator. 1,448,671; Mar. 13.
Meyer, Svend M., and W. James, Brooklyn, assignors to Magno Storage Battery Corporation, New York, N. Y. Storage battery. 1,475,503; Nov. 27.
Meyer, Vernon H., Cleveland, Ohio. Dial for electrical instruments. 1,456,644; May 29.
Meyer, Waldemar, Woodhaven, N. Y. Magnetic holder-on. 1,452,841; Apr. 24.
Meyer, Waldemar, Woodhaven, N. Y. Fastening means for ships' plates. 1,461,195; July 10.
Meyer, Waldemar, Woodhaven, N. Y. Rivet set. 1,474,978; Nov. 20.
Meyer, William, Gladbrook, Iowa. Cement corncrib block. 1,444,422; Feb. 6.
Meyer, William, Chicago, Ill. Mounting brackets and the like on tubes. 1,477,657; Dec. 18.
Meyer, William C., Beverly, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Tension mechanism. 1,444,979; Feb. 13.
Meyer, William C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Tension device. 1,451,918; Apr. 17.
Meyer, William C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Tension device. 1,451,919; Apr. 17.
Meyer, William C., Beverly, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Inseam shoe-sewing machine. 1,467,586; Sept. 11.
Meyer, William C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Wax-thread sewing machine. 1,468,317; Sept. 18.
Meyer, William C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe-sewing machine. 1,468,912; Sept. 25.
Meyer, William P., et al. (See Childs, George J., assignor.)
Meyer, William V., Milwaukee, Wis. Phonograph. 1,462,867; July 24.
Meyercord, George R., Chicago, Ill., assignor to Haskelite Manufacturing Corporation. Joint of metal-sheathed construction material and making the same. 1,440,615; Jan. 2.
Meyercordt, Ernst, Locknitz, near Stettin, Germany. Mounting for slip rings of dynamo-electric machines. 1,460,031; June 26.
Meyering, J. V., Trunk Company. (See Hamlin, Ben M., assignor.)
Meyers, Bernard. (See Graebert, Rudolf R., assignor.)
Meyers, Edward G., Cincinnati, Ohio. Automatic marking machine. 1,453,985; May 1.
Meyers, Herbert H., Pittsburgh, Pa., assignor to Armour Fertilizer Works, Chicago, Ill. Double superphosphate process. 1,475,959; Dec. 4.
Meyers, Hubert A., Company. (See Meyers, Hubert A., assignor.)
Meyers, Julius R., Glencoe, Ill. Cheese-drying process. 1,445,785; Feb. 20.
Meyers, Julius R., Evanston, Ill. Cheese packing. 1,445,786; Feb. 20.
Meyers, Julius R., Evanston, Ill. Cheese-cutting mechanism. 1,445,787; Feb. 20.
Meyers, Julius R., Glencoe, Ill. Machine for making and finishing cheese. 1,450,105; Mar. 27.
Meyers, Louis W., and H. F. Demke, Chicago, Ill. False head. 1,467,445; Sept. 11.
Meyers, Luther C., Bridgeton, N. J. Press. 1,366,408; Aug. 28.
Meyers, Roy J., assignor to International Gas, Power and Appliance Company, Long Beach, Calif. Means and method for operating combustion engines from gas derived from calcium carbide. 1,477,710; Dec. 18.
Meyers, Stanley W. (See Kugelman, G., and Meyers.)
Meyers, Theodore A., Toledo, Ohio. Packing for pistons. 1,467,113; Sept. 4.
Meyers, William, assignor of one-half to C. L. Ackerman, Lima, Ohio. Wickless oil burner. 1,458,774; June 12.
Meyhoefer, Erich. (See Meinholdt, Otto R., assignor.)
Meyrowitz, E. B., Inc. (See Viénot, Léon E. E., assignor.)
Meyrowitz, Emil B., New York, N. Y. Lens for eyeglasses and spectacles. 1,445,227; Feb. 13.
Mezei, George, Clinchco, Va. Trap. 1,445,153; Feb. 13.
Miami Manufacturing Company, The. (See Wasser, C., and Wirshing, assignors.)
Miami Manufacturing Company. (See Worthington, Roland B., assignor.)
Michael, John B., Selma, Ala. Locomotive-wheel-hub liner. 1,452,165; Apr. 17.
Michael, Thomas E. (See Schonsteiner, G., and Michael.)
Michaelson, Harold N., Boston, assignor to Rawson Electrical Instrument Company, Cambridge, Mass. Making articles of varicolored plastic materials. 1,454,939; May 15.
Michaelson, Henry G., assignor to The Rockford Showcase & Fixture Company, Rockford, Ill. Showcase. 1,471,908; Oct. 23.
Michalski, Joseph J., Buffalo, N. Y. Theft detector for automobiles. 1,453,320; May 1.
Michalski, Joseph J., Buffalo, N. Y. Theft detector for automobiles. Re15,709; Oct. 30.
Michel, William B., Plymouth, Ind. Automobile panel construction. 1,472,304; Oct. 30.
Michelbach, Frank, Del Ray, Va. Rug-display rack. Des. 63,001; Sept. 4.
Michelin, André J., Paris, France. Automatic alarm for partially-deflated tires. 1,467,055; Sept. 4.
Michell, Anthony G. M., Melbourne, Victoria, Australia. Hydraulic mechanism for the transmission of power. 1,451,997; Apr. 17.
Michell, Frank, et al. (See Sawicki, John, assignor.)
Michell, Philip A., Fort Wadsworth, N. Y. Vehicle. 1,459,545; June 19.
Michelsen, Hamilton, Miami, Fla. Shipping crate. 1,456,674; May 29.
Michelsen, Stephen T., Washington, D. C. Photographic-film-drying apparatus. 1,456,902; May 29.
Michelsen, William J., Chicago, Ill. Illuminated display sign. 1,462,351; July 17.
Michelson, Julius, Boston, Mass. Milling attachment for planers. 1,470,091; Oct. 9.
Michener, Elwood H., Woodlynne, assignor to Acme Staple Company, Camden, N. J. Stapling machine for driving wire staples. 1,457,446; June 5.
Michetti, Giorgio, Rome, Italy. Means for converting a continuous rotary motion into an intermittent motion. 1,473,493; Nov. 6.
Michie, Arthur C., Newcastle-upon-Tyne, and E. G. Weeks, Northumberland, assignors to C. H. Merz and W. McLellan, Westminster, London, England. Retort. 1,447,680; Mar. 6.
Michie, Arthur C., Newcastle-upon-Tyne, and E. G. Weeks, Northumberland, assignors to C. H. Merz and W. McLellan, Westminster, London, England. Means for feeding furnaces with solid fuel. 1,447,681; Mar. 6.
Michie, David, Irwin, Pa. Traveler's set. 1,466,139; Aug. 28.
Michigan Chemical Company. (See Molony, S. B., and Nikaido, assignors.)
Michigan Machine Co. (See Anderson, O. A., and Macrae, assignors.)
Michigan Malleable Iron Company. (See Waterbor, Elmer F., assignor.)
Michigan Smelting and Refining Company. (See Ambrose, Joseph, assignor.)
Michigan Smelting and Refining Company. (See Lane, Victor E., assignor.)
Michigan Steel Tube Products Company. (See Berg, Simon, assignor.)
Michigan Valve Foundry and Engineering Company. (See Flower, John W., assignor.)
Michot, Georges, Dromara, Ireland, assignor to Fibre Corporation Limited, London, England. Flax-pulling machine. 1,451,231; Apr. 10.
Michoud, Arnold, Yverdon, assignor to Cibles Automatiques Michoud Société Anonyme, Neuchatel, Switzerland. Device for resiliently supporting target disks and the like. 1,460,860; July 3.
Micka, Henry R., Maywood, Ill. Fuel-gas mixer. 1,450,814; Apr. 3.
Mickelsen, Jesse R., San Leandro, Calif. Accelerator pedal. 1,473,156; Nov. 6.
Mickelson, George A., assignor of one-half to J. M. Mitchell, Vancouver, British Columbia, Canada. Sling hook. 1,441,737; Jan. 9.
Mickelson, George A., assignor of one-half to J. M. Mitchell, Vancouver, British Columbia, Canada. Marine transfer apparatus. 1,447,316; Mar. 6.
Mickelson, Ole, Hoquiam, Wash. Safety lock for logging hooks. 1,457,987; June 5.
Middagh, Robert E., and C. L. Anderson, McGill, Nev. Refillable electric fuse. 1,474,206; Nov. 13.
Middaugh, Carl A., Kansas City, Mo. Deposit book. 1,440,481; Jan. 2.
Middelkamp, Leroy L. (See Foster, D., and Middelkamp.)

Middelthon, Cornelius, Stavanger, Norway. Machine for applying sealing material to can lids. 1,443,031; Jan. 23.
Middlemiss and Brackett. (See Middlemiss, Bruce A., assignor.)
Middlemiss, Bruce A., Hibbing, Minn., assignor to Middlemiss and Brackett, Milwaukee, Wis. Loading machine. 1,441,700; Jan. 9.
Middleton, Lilian H., Wellington, New Zealand. Loose-leaf book. 1,459,231; June 19.
Middleton, Percy R., assignor of one-half to J. C. Lalor, deceased, New York, N. Y.; W. A. Lalor, executor. Roasting sulphide ores. 1,478,790; Dec. 25.
Middleton, Thomas, Schenectady, N. Y. Metal propeller for aeroplanes, dirigibles, balloons, and the like. 1,454,977; May 15.
Middleton, William E., New Britain, Conn. Box-forming block. 1,473,244; Nov. 6.
Mid-East Specialty Company. (See Eisenhart, George W., assignor.)
Midgley, Albert H., Uxbridge, England. Dynamo-electric machine. 1,457,381; June 5.
Midgley, Thomas, Hampden, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Vulcanizing apparatus. 1,445,533; Feb. 13.
Midgley, Thomas, Hampden, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Jacket for preliminary cure. 1,450,328; Apr. 3.
Midgley, Thomas, Hampden, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Tension device for tire-building machines. 1,450,747; Apr. 3.
Midgley, Thomas, Hampden, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Method and apparatus for molding tire casings. 1,472,881; Nov. 6.
Midgley, Thomas, Springfield, assignor to Fisk Rubber Company, Chicopee Falls, Mass. Tire manufacture. 1,455,260; May 15.
Midgley, Thomas, jr., assignor to General Motors Research Corporation, Dayton, Ohio. Revivifying spent catalysts and apparatus therefor. 1,446,984; Feb. 27.
Midgley, Thomas, jr., assignor, by mesne assignments, to General Motors Research Corporation, Dayton, Ohio. Joining metals. 1,456,855; May 29.
Midgley, Thomas, jr., assignor, by mesne assignments, to General Motors Research Corporation, Dayton, Ohio. Hydrogenation furnace. 1,467,905; Sept. 11.
Midland Company, The. (See Davis, Irvin W., assignor.)
Midland Company, The. (See Schartow, Frank E., assignor.)
Midon, Charles A., Paris, France. Roller skate. 1,457,667; June 5.
Midorikawa, Edward K., San Francisco, Calif. Mixing device. 1,445,342; Feb. 13.
Mid-State Battery Manufacturing Co. Inc. (See Rueb, Earl J., assignor.)
Midura, Stanislaw. (See Solarczyk, John, assignor.)
Mid-West Box Company. (See Heinrichs, Berg, assignor.)
Midwest Engine Corporation. (See Funk, Truman B., assignor.)
Midwest Engine Corporation. (See Steele, Frederick P., assignor.)
Midwest Engine Corporation. (See Wait, Henry H., assignor.)
Midwest Machinery Products Co. (See Kunin, Harry, assignor.)
Mid-West Manufacturing Company. (See Benedict, George W., assignor.)
Mid-West Manufacturing Company. (See McKone, Leo J., assignor.)
Midwestern Tractor Wheel Co. (See Walker, Glenn J., assignor.)
Miebach, Harry E., and A. S. Caughey, Lethbridge, Alberta, Canada. Transmission-case cover. 1,451,173; Apr. 10.
Miebach, Harry E., and A. S. Caughey, Lethbridge, Alberta, Canada. Transmission band and case cover. 1,464,138; Aug. 7.
Miehle Printing Press and Manufacturing Company. (See Blaine, Joseph R., assignor.)
Miehle Printing Press and Manufacturing Company. (See Dudley, Edward F., assignor.)
Miehle Printing Press & Manufacturing Company. (See Henderson, Carl, assignor.)
Miehle Printing Press and Manufacturing Company. (See Stevens, Burt D., assignor.)
Miehle Printing Press and Manufacturing Company. (See Stevens, B. D., and Dudley, assignors.)
Miehle Printing Press & Manufacturing Company. (See Stevens, B. D., Henderson, and Saxon, assignors.)
Miehle, Robert F., jr., Chicago, Ill. Cylinder printing press. 1,453,853; May 1.
Mielke, William J., Guttenberg, Iowa. Gear or wheel removing device. 1,446,918; Feb. 27.
Mielnicki, Alieksander, Brooklyn, N. Y. Shackle lock. 1,455,921; May 22.
Miely, Fred J. S., Gentry, Ark. Bull board for cattle cars. 1,473,494; Nov. 6.
Mierzwinski, Stanislaw, Trenton, N. J. Canoe-propelling device. 1,471,747; Oct. 23.
Miessner, John, Cleveland, Ohio. Clothesline reel. 1,453,157; Apr. 24.
Mietzelfeld, Otto, assignor to A. E. Brion, New York, N. Y. Camera. 1,448,414; Mar. 13.
Mieville, Herbert C., New York, N. Y., assignor to Squire Products Company, Pittsburgh, Pa. Boiler. 1,443,546; Jan. 30.
Mieville, Herbert C., Davenport, Iowa, assignor to Squire Products Company, Pittsburgh, Pa. Grill. 1,450,381; Apr. 3.
Migita, Tosuke, New York, N. Y. Lacing means for brogues, leggings, and the like. 1,469,661; Oct. 2.
Mihalicz, John, Punnichy, Saskatchewan, Canada. Vehicle hood and curtain fastener. 1,440,927; Jan. 2.
Mihalovich, Efrem, Chisholm, Minn. Fire-controlling apparatus. 1,444,749; Feb. 6.
Mihalyi, Joseph, Washington, D. C. Optical testing and measuring instrument. 1,451,302; Apr. 10.
Mikaelson, Erik W., and A. A. Neave, Easton, Pa., assignors to Treadwell Engineering Company. Grinding machine. 1,462,420; July 17.
Mikalarias, Peter. (See Oppman, Joseph, assignor.)
Mikenas, John, Amsterdam, N. Y. Mop holder. 1,454,978; May 15.
Mikkelson, Berent A., Seattle, Wash. Line-shaft shock absorber. 1,457,711; June 5.
Mikkola, Aate. (See Toelcke, K. L., Mikkola, and Shapiro.)
Mikshel, John J., Chicago, Ill., assignor to J. T. Ryerson & Son. Friction cutting machine. 1,440,616; Jan. 2.
Milam, Jesse A. (See McLain, D. B., and Tatum, assignors.)
Milani, Edward, San Francisco, Calif. Preserving food products. 1,459,232; June 19.
Milarch, Alfred E., assignor to I. A. Milarch, Atlanta, Ga. Automobile transmission. 1,452,248; Apr. 17.
Milarch, Isabel A. (See Milarch, Alfred E., assignor.)
Milenz, William E. (See Cannom, William G., assignor.)
Miles, Appleton T. (See Hinrichs, D. M., and Miles.)
Miles, Arthur, Kansas City, Mo. Means for repairing tubes. 1,471,184; Oct. 16.
Miles, Clarence E. (See Gordon, I. H., and Miles.)
Miles, Edward J., Newton, Iowa. Assembling and disassembling tool. 1,442,962; Jan. 23.
Miles, Frank J. M., assignor to Cheramy, Inc., New York, N. Y. Bottle. Des. 61,918; Feb. 6.
Miles, Frank J. M., assignor to Cheramy, Inc., New York, N. Y. Holders for compacts. 1,451,740; Apr. 17.
Miles, George F., New York, N. Y. Windshield construction. 1,471,856; Oct. 23.
Miles, George F., New York, N. Y., and S. Evans, Birmingham, Ala.; said Evans assignor to said Miles. Wind and rain shield. 1,443,373; Jan. 30.
Miles, Maud M., Lombard, Ill. Appliance for displaying colors. 1,460,264; June 26.
Milewski, Bruno, Kent, Ohio. Journal-box bearing. 1,475,021; Nov. 20.
Miley, Arlo F., Pontiac, Calif. Thread gauge. 1,465,583; Aug. 21.
Miley, John, Reddish, near Stockport, assignor to Craven Brothers (Manchester) Limited, Reddish, England. Machine for boring tires and the like. 1,466,028; Aug. 28.
Milk Bottle Crate Company. (See Krzyzak, Frank, assignor.)
Milk Bottle Crate Company. (See Thomall, Timothy V., assignor.)
Milk Oil Corporation, The. (See North, Charles E., assignor.)
Milkent, George P., Niles, Ohio. Rail chair. 1,467,869; Sept. 11.
Milker, Herbert P., assignor to Charles J. Tagliabue Manufacturing Co., Brooklyn, N. Y. Instrument of precision. 1,453,688; May 1.
Milker, Herbert P., assignor to Charles J. Tagliabue Manufacturing Co., Brooklyn, N. Y. Thermostatic controlling means for internal-combustion engines. 1,477,277; Dec. 11.
Milker, Herbert P., and A. Roesch, assignors to Charles J. Tagliabue Manufacturing Co., Brooklyn, N. Y. Thermometer. 1,462,797; July 24.
Milkie, George A., Brooklyn, N. Y. Automobile pedal attachment. 1,452,431; Apr. 17.
Millard, Clarence, Arkansas City, Kans. Air pump and gauge. 1,455,646; May 15.
Millard, Edward F., Martinsburg, and F. C. Dunham, Berkeley Springs, W. Va. Traveling conveyer. 1,448,458; Mar. 13.
Miller, Abner. (See Miller, David H. and A.)
Miller, Abraham, New York, N. Y. Lighting-fixture arm. Des. 61,807; Jan. 16.
Miller, Abraham, New York, N. Y. Lighting-fixture arm. Des. 61,808; Jan. 16.
Miller, Abraham, New York, N. Y. Lighting-fixture loop. Des. 61,809; Jan. 16.
Miller, Abraham, New York, N. Y. Lighting-fixture suspension strap. Des. 62,787; July 31.
Miller, Abraham, New York, N. Y. Lighting-fixture arm. Des. 62,788; July 31.
Miller, Abraham, New York, N. Y. Chandelier. Des. 63,110; Oct. 2.
Miller, Abraham, New York, N. Y. Lighting-fixture arm. Des. 63,191; Oct. 30.
Miller, Abraham, New York, N. Y. Chandelier. Des. 63,577; Dec. 18.
Miller, Adam J., Platteville, Wis. Barrel stand. 1,472,734; Oct. 30.

Miller, Albert, assignor to The American Rubber & Tire Company, Akron, Ohio. Tire-bundling machine. 1,464,010; Aug. 7.
Miller, Albert A., assignor to Eagle Manufacturing Company, Wellsburg, W. Va. Container. 1,447,030; Feb. 27.
Miller, Albert A., assignor to Eagle Manufacturing Company, Wellsburg, W. Va. Container. 1,449,238; Mar. 20.
Miller, Albert G., assignor to Lankenau Hospital, Philadelphia, Pa. Shield for electrical apparatus. 1,471,183; Oct. 16.
Miller, Albion J. (See Showalterbaugh, Joseph, assignor.)
Miller, Alexander, Leyonstone, assignor of one half to S. A. Bartholomew, London, England. Propulsion of boats and other vessels. 1,444,847; Feb. 13.
Miller, Alfred K., Los Angeles, Calif. Phonograph reproducer. 1,448,933; Mar. 20.
Miller, Alfred K., Los Angeles, Calif. Tone arm. 1,466,140; Aug. 28.
Miller, Alten S., Baltimore, Md. Time fuse. 1,453,717; May 1.
Miller, Alten S., Baltimore, Md. Controlling the burning of time powder trains. 1,453,718; May 1.
Miller, Anderson, Shelbyville, Ind. Animal trap. 1,444,934; Feb. 13.
Miller, Anthony, Burlingame, Calif. Cooking device. 1,452,208; Apr. 17.
Miller, Arnold W., assignor to C. H. Hook, Pittsburgh, Pa. Relief valve. 1,459,546; June 19.
Miller, Arthur, Chicago, Ill., assignor to Solar-Sturges Mfg. Co. Handled can and making same. 1,449,829; Mar. 27.
Miller, Arthur, assignor to The Solar Metal Products Company, Columbus, Ohio. Metallic receptacle. 1,474,601; Nov. 20.
Miller, Arthur A., Tebbetts, Mo. Flue stopper. 1,465,228; Aug. 14.
Miller, Arthur E., Sacramento, Calif. Lock. 1,446,760; Feb. 27.
Miller, Arthur E., Sacramento, Calif. Steering-wheel lock. 1,447,099; Feb. 27.
Miller, Arthur E., Sacramento, Calif. Means for protecting negotiable instruments. 1,459,634; June 19.
Miller, Arthur H. (See Winkler, W., and Miller.)
Miller, B. Fred, et al. (See Welsh, Alfred L., assignor.)
Miller, Banks L., San Juan, Tex. Heater for burning petroleum coke. 1,458,536; June 12.
Miller, Banks L., San Juan, Tex. Orchard heater. 1,468,540; Sept. 18.
Miller, Barnet, Rockville, Conn. Indicator. 1,445,228; Feb. 13.
Miller, Benjamin, Chicago, Ill. Mouthpiece for reed instruments. 1,449,868; Mar. 27.
Miller, Benjamin A. (See Miller, Benjamin J. and B. A.)
Miller, Benjamin J. and B. A., Benson, Ill. Adjustable pedal. 1,465,524; Aug. 21.
Miller, Calvin C., Summit Hill, Pa. Toy. 1,461,066; July 10.
Miller, Carroll E., jr., San Francisco, Calif. Ring. Des. 63,479; Dec. 11.
Miller-Chapman Company. (See Chapman, Earle E., assignor.)
Miller, Charles A., Longville, La. Taking up wear in bearings. 1,444,628; Feb. 6.
Miller, Charles A., New York, N. Y. Valve-rod-adjusting device. 1,457,589; June 5.
Miller, Charles A., Bainbridge, assignor to Miller Manufacturing Company, Decatur County, Ga. Bottle-rinsing machine. 1,466,141; Aug. 28.
Miller, Charles E., Chicago, Ill. Locomotive arch. 1,468,308; Sept. 18.
Miller, Charles E., Chicago, Ill. Operating mechanism for tank-car outlet valves. 1,476,722; Dec. 11.
Miller, Charles E., assignor to Universal Arch Company, Chicago, Ill. Locomotive arch. 1,450,696; Apr. 3.
Miller, Charles F., assignor to Chicago Shoe Machinery Company, Chicago, Ill. Leather-stitching machine. 1,470,997; Oct. 16.
Miller, Charles H., Liberty Township, Jefferson County, Iowa. Man lift. 1,443,823; Jan. 30.
Miller, Charles H., and A. N. Scott, assignors to The Diebold Safe & Lock Company, Canton, Ohio. Auxiliary locking bolt. 1,452,567; Apr. 24.
Miller, Charles M. (See Schroeder, E. R., and Miller.)
Miller, Charles P., Mount Vernon, N. Y., assignor to The Brunswick-Balke-Collender Company, Wilmington, Del. Game-table cushion. 1,478,046; Dec. 18.
Miller, Charles R., Collinsville, Tex., assignor to Kellogg Manufacturing Co., Rochester, N. Y. Grease gun. 1,457,988; June 5.
Miller, Charles T., jr., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,441,237; Jan. 9.
Miller, Charles W. H., Lostant, Ill. Ensilage harvester. 1,462,765; July 24.
Miller, Chester D., Los Angeles, Calif. Wind deflector. 1,478,671; Dec. 25.
Miller, Conrad, Casper, Wyo. Power attachment for automobiles. 1,441,595; Jan. 9.
Miller, Dana O., Reading, Mass. Combination heater. 1,452,249; Apr. 17.
Miller, Daniel D., assignor to Western Electric Company, Incorporated, New York, N. Y. Electromagnetic device. 1,463,831; Aug. 7.
Miller, David H., and A. Miller, assignors to Metal Supply Company, Los Angeles, Calif. Rail-breaking machine. 1,477,582; Dec. 18.
Miller, David M., assignor to C. Pollack, Brooklyn, N. Y. Circuit-controlling telephone receiver support. 1,449,830; Mar. 27.
Miller, David P., Middletown, Pa. Wrench. 1,468,913; Sept. 25.
Miller, Donald J. G., Bootle, and R. A. Lloyd, Liverpool, England. Grinding or crushing machine. 1,452,088; Apr. 17.
Miller, Dorr, Toledo, Ohio. Tool for assembling or disassembling gears or cams and their axles. 1,471,502; Oct. 23.
Miller, Du Brul & Peters Manufacturing Company, The. (See Du Brul, Davila S., assignor.)
Miller, Earl J., Bethlehem, Pa. Puzzle. 1,454,131; May 8.
Miller, Earl L. (See English, William H., assignor.)
Miller, Edgar J., St. Joseph, Mo. Valve lifter. 1,459,635; June 19.
Miller, Edward, Columbus, Ohio, assignor to C. J. Root, Terre Haute, Ind. Glass-feeding mechanism. 1,470,023; Oct. 9.
Miller, Edward, & Company. (See Wolter, Herman H., assignor.)
Miller, Edward C., Williamsport, Pa. Air-pressure indicator and gauge. 1,451,514; Apr. 10.
Miller, Edward P., Atwater, Minn. Hub and wheel holding device. 1,459,597; June 19.
Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Machine for generating and cutting threads and the like. 1,461,219; July 10.
Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Gear-shaping machine with side-trimming attachment. 1,470,229; Oct. 9.
Miller, Edwin C., Woodinville, Wash. Trap nest. 1,444,629; Feb. 6.
Miller, Elizabeth, New York, N. Y. Box reenforcement. 1,459,309; June 19.
Miller, Elmer E., Millersburg, Pa. Trigger mechanism and safety device therefor. 1,475,310; Nov. 27.
Miller, Elvin, Weatherly, Pa. Mouthpiece for musical instruments. 1,441,596; Jan. 9.
Miller, Emma T., San Antonio, Tex. Berry cap and stem remover. 1,477,839; Dec. 18.
Miller, Emmett E., Norfolk, Va. Screen door, window, or the like. 1,445,534; Feb. 13.
Miller, Ernest R., Montgomery County, near Centerville, Ohio. Safety device for tractors. 1,457,712; June 5.
Miller, Erwin E., and G. P. Croner, Fullerton, Calif. Expansible packing. 1,446,919; Feb. 27.
Miller, Ewell B., Cicero, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Material-blanking operation. 1,452,308; Apr. 17.
Miller, Frank B., Jefferson City, Mo., assignor of one-half to H. S. Miller, Baltimore, Md. Wall socket. 1,447,515; Mar. 6.
Miller, Frank E., New York, N. Y. Sound amplifier. 1,449,530; Mar. 27.
Miller, Frank E., Robinson, Ill. Brake-lever slot closure. 1,458,839; June 12.
Miller, Frank J., Los Angeles, Calif., assignor to S. Walker, Wichita Falls, Tex. Pump. 1,448,856; Mar. 20.
Miller, Frank P., Downingtown, Pa. Treating paper stock. 1,455,594; May 15.
Miller, Frank P., Meadville, Pa. Metal-working tool. 1,473,245; Nov. 6.
Miller, Frank P., Meadville, Pa. Reamer. 1,475,311; Nov. 27.
Miller, Frank W., Chicago, Ill. Automatic sludge-discharge apparatus for boiler-washout systems. 1,478,132; Dec. 18.
Miller, Fred A., St. Louis, Mo. Piston or packing ring. 1,466,510; Aug. 28.
Miller, Fred J., Bellevue, Pa. Locking receptacle. 1,469,390; Oct. 2.
Miller, Fred R., San Francisco, Calif. Sheet of music. 1,473,495; Nov. 6.
Miller, Fred W., Beatrice, Nebr. Rotary brush. 1,475,079; Nov. 20.
Miller, Frederick, Utica, N. Y. Oiling device. 1,465,167; Aug. 14.
Miller, Frederick, and H. L. Noe, Wamego, Kans. Game apparatus. 1,466,596; Aug. 28.
Miller, Frederick B., Scottdale, Pa. Screen-fabricating machine. 1,445,099; Feb. 13.
Miller, Frederick C., Chicago, Ill. Wheel tire. 1,461,928; July 17.
Miller, Frederick H. (See Schaake, W., and Miller.)
Miller, Frederick H., Portland, Oreg. Machine for making ice-cream cones and the like. 1,461,709; July 10.
Miller, Frederick L., Des Moines, Iowa. Adjustable wing for windshields. 1,460,861; July 3.
Miller, Frederick L., assignor of one-half to W. H. Hope, Newark, N. J. Lamp. 1,449,772; Mar. 27.
Miller, George E. (See Cantrell, E. B., and Miller.)
Miller, George E., Etna, Pa. Pipe joint. 1,449,773; Mar. 27.

Miller, George F., Dunning Station, Ill. Spring oiler. 1,441,701; Jan. 9.
Miller, George L., St. Louis, Mo. Root-canal point. 1,463,963; Aug. 7.
Miller, George M., assignor to Fraim-Slaymaker Hardware Co., Inc., Lancaster, Pa. Padlock with nonreversible shackle. 1,473,353; Nov. 6.
Miller, George W., Woodrow, N. C. Double saw set. 1,446,428; Feb. 20.
Miller, Gerald D., Webster City, Iowa. Transferable signature slip for ledger sheets. 1,444,698; Feb. 6.
Miller, Gustave E. W., Boston, Mass. Folding toothbrush. 1,454,938; May 15.
Miller, H. H., Industries Company, The. (See Hippenmeyer, I. R., and Skidd, assignors.)
Miller, H. H., Industries Company, The. (See Pfouts, Leroy S., assignor.)
Miller, Harold C., Bakersfield, assignor to Standard Oil Company, San Francisco, Calif. Separating solids from liquids. 1,458,234; June 12.
Miller, Harry A., assignor of one-half to R. R. Merriweather and one-half to R. S. Waters, Washington Court House, Ohio. Metal finishing tool. 1,445,154; Feb. 13.
Miller, Harry G., Kansas City, Mo. Oil burner. 1,464,995; Aug. 14.
Miller, Harry L., Allentown, Pa. Repeating attachment. 1,477,658; Dec. 18.
Miller, Harry M. (See Bost, W. D., Miller, and Garwood.)
Miller, Harry M., South Pasadena, assignor to National Peeling Machine Company, Los Angeles, Calif. Apparatus for treating vegetables or fruit with a skin-loosening agent. 1,463,964; Aug. 7.
Miller, Harry M., assignor to National Peeling Machine Company, Los Angeles, Calif. Apparatus for and method of peeling vegetables or fruits. 1,466,798; Sept. 4.
Miller, Harry M., South Pasadena, assignor to National Peeling Machine Company, Los Angeles, Calif. Peeling machine. 1,466,799; Sept. 4.
Miller, Helen M. (See Endslow, Edmund B., assignor.)
Miller, Henry. (See Smith, R. S., Miller, and Orton.)
Miller, Henry, Milwaukee, Wis. Lock for fillister-head screws. 1,470,386; Oct. 9.
Miller, Henry, assignor to American Can Company, San Francisco, Calif. Method and apparatus for lubricating punching dies. 1,471,669; Oct. 23.
Miller, Henry A., assignor to Stephen Sanford & Sons, Inc., Amsterdam, N. Y. Rug. Des. 63,304; Nov. 20.
Miller, Henry A., assignor to Stephen Sanford & Sons, Inc., Amsterdam, N. Y. Rug. Des. 63,306; Nov. 20.
Miller, Henry C., Waterford, N. Y. Buttonhole machine. 1,457,742; June 5.
Miller, Henry C., Milwaukee, Wis. Loose-leaf binder. 1,474,602; Nov. 20.
Miller, Henry D., Oklahoma, Okla. Automobile step. 1,471,972; Oct. 23.
Miller, Henry G., Shafter, and M. M. Selzer, Oakland, Calif. Auto hitching post. 1,470,198; Oct. 9.
Miller, Herbert H., Davenport, Iowa. Chiropractic table. 1,455,922; May 22.
Miller, Herman. (See Lossing, Dawson R., assignor.)
Miller, Herman, assignor of one-fourth to N. Miller, one-fourth to N. Miller, and one-fourth to I. L. Miller, New York, N. Y. Safety guard. 1,455,800; May 22.
Miller, Hirman S. (See Miller, Frank B., assignor.)
Miller, Horatio, Orange, N. J. Seat box for Ford sedans. 1,456,247; May 22.
Miller, Howard C., Binghamton, N. Y. Thread-guard caster. 1,443,140; Jan. 23.
Miller, Ira H. (See Stockel, Gerhard, assignor.)
Miller, Isador, assignor to W. M. Grosvenor, New York, N. Y. Converting aromatic halogen substitution products into amines. 1,445,637; Feb. 20.
Miller, Isidore L., et al. (See Miller, Herman, assignor.)
Miller, James E. (See Franke, F., Miller, and Roberts.)
Miller, James F. (See Hurst, L. E., and Miller.)
Miller, James F., Minden, La. Resilient wheel. 1,451,706; Apr. 17.
Miller, James F., Minden, La. Resilient wheel. 1,460,494; July 3.
Miller, James F., Minden, La. Ice-cream freezer. 1,477,515; Dec. 11.
Miller, James R., Pittsburgh, Pa. Reclaiming used oil. 1,469,426; Oct. 2.
Miller, Jannette, Eau Claire, Wis. Pin or emblem. Des. 62,580; June 26.
Miller, Jerome J., Chadron, Nebr. Railway ditcher. 1,460,762; July 3.
Miller, Jesse P., assignor of one-half to J. H. Thatcher, Houma, La. Expansive drill bit. 1,448,762; Mar. 20.
Miller, John, Calvin, N. Dak. Bundle carrier and shocker. 1,456,675; May 29.
Miller, John, jr., Beloit, Wis., assignor to Charles H. Besly & Company, Chicago, Ill. Disk grinder. 1,452,209; Apr. 17.
Miller, John A., Homewood, Ill. Pleasure railway structure. 1,448,763; Mar. 20.
Miller, John A., Homewood, Ill. Pleasure railway car. 1,448,764; Mar. 20.
Miller, John A., Homewood, Ill. Truss. 1,476,995; Dec. 11.
Miller, John A. and W. D., Brighouse, England. Variable-speed gear. 1,463,287; July 31.
Miller, John C., assignor to The Willys-Overland Company, Toledo, Ohio. Wheel block. 1,446,055; Feb. 20.
Miller, John C., assignor of one-half to J. W. Parson, Buffalo, N. Y. Phonograph-cabinet shutter. 1,475,237; Nov. 27.
Miller, John E., Olean, N. Y. Lawn-edging implement. 1,447,805; Mar. 6.
Miller, John G., et al., executors. (See Mackenzie, R. W. R., Robinson, Fort, and Lumsden.)
Miller, John H., MacDunn, W. Va. Door. 1,444,848; Feb. 13.
Miller, John H., MacDunn, W. Va. Car-controlled trolley-line cut-out. 1,469,672; Oct. 2.
Miller, John H., Chicago, Ill. Barrel-washing machine. 1,462,917; July 24.
Miller, John H., and G. Pohl, assignors to Keystone Foundry Company, Plymouth, Ind. Laundry stove. 1,458,537; June 12.
Miller, John J. A., and W. A. Weigele, assignors to The Automatic Furnace Oxidator and Manufacturing Company, Denver, Colo. Oil-controlled furnace-door attachment for effecting fuel combustion in furnaces. 1,448,227; Mar. 13.
Miller, John J. A., and W. A. Weigele, assignors to The Automatic Furnace Oxidator and Manufacturing Company, Denver, Colo. Damper-operating mechanism for furnace doors. 1,448,228; Mar. 13.
Miller, John J. A., and W. A. Weigele, assignors to The Automatic Furnace Oxidator and Manufacturing Company, Denver, Colo. Dashpot. 1,448,229; Mar. 13.
Miller, John L., Randall, Kans. Hitch. 1,458,838; June 12.
Miller, John L., Fort Collins, Colo. Vehicle spring. 1,467,870; Sept. 11.
Miller, John L., Fort Collins, Colo. Suspension railway. 1,467,871; Sept. 11.
Miller, John M., New York, N. Y. Combined pen and pencil. 1,468,123; Sept. 18.
Miller, John O., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Grille for phonograph cabinets. Des. 62,194; Apr. 10.
Miller, John P., Duryea, assignor of one-half to H. S. Woodward, Carbondale, Pa. Locking device for mine cars. 1,452,923; Apr. 24.
Miller, John S., jr., Rahway, N. J., assignor to The Barber Asphalt Company, Philadelphia, Pa. Making particolored bituminous roofing shingles. 1,452,978; Apr. 24.
Miller, John W., Kensett, Ark. Tire. 1,458,662; June 12.
Miller, Joseph J., Highland Park, Mich. Combined tire carrier and rim tool. 1,472,130; Oct. 30.
Miller, Joseph N., Brainerd, Minn. Combined settee and table. 1,452,613; Apr. 24.
Miller, Julius, and D. Macowsky, San Francisco, Calif. Dress. Des. 63,372; Nov. 27.
Miller, Laurence L., Ripon, Calif. Almond huller. 1,477,761; Dec. 18.
Miller, Lauritz N., Eugene, Oreg. Fruit-washing machine. 1,456,456; May 22.
Miller, Lena. (See Schneider, Herman L., assignor.)
Miller, Leo O., Detroit, Mich. Lock for milk cabinets. 1,451,100; Apr. 10.
Miller, Leonard. (See Gowan, S., and Miller.)
Miller, Leslie E., Knoxville, Tenn. Window and showcase display racks. 1,471,909; Oct. 23.
Miller Lock Company. (See Benson, Thomas W., assignor.)
Miller Lock Company, The (See Huston, John L., assignor.)
Miller, Louis A., assignor to Winchester Repeating Arms Co., New Haven, Conn. Handlamp switch. 1,471,185; Oct. 16.
Miller Manufacturing Company. (See Miller, Charles A., assignor.)
Miller-Masury, Arthur J., Cleveland, Ohio. Fence. 1,473,118; Nov. 6.
Miller, Max C., Cumberland Hill, assignor to Jenckes Knitting Machine Company, Pawtucket, R. I. Needle-controlling mechanism for knitting machines. 1,447,354; Mar. 6.
Miller, Max C., Cumberland Hill, assignor to Jenckes Knitting Machine Company, Pawtucket, R. I. Needle-controlling mechanism for knitting machines. 1,452,842; Apr. 24.
Miller, Maximillian A., Baltimore, Md. Musical toy. 1,445,446; Feb. 13.
Miller, Maximillian A., Baltimore, Md. Game device. 1,448,415; Mar. 13.
Miller, Moses A., St. Albans, Vt. Sash lock and holder. 1,457,382; June 5.
Miller, Murry, New York, N. Y., and M. L. Kurtz, Bogota, N. J. Hand bag. Des. 63,138; Oct. 16.
Miller, Nathan, et al. (See Miller, Herman, assignor.)
Miller, Nicholas, Hartford, Conn. Stamp-affixing device. 1,459,636; June 19.
Miller, Norman, et al. (See Miller, Herman, assignor.)
Miller, Orin J., Hurdsfield, N. Dak. Sliding door. 1,453,986; May 1.
Miller & Pardee, Inc. (See Dewire, John A., assignor.)
Miller, Paul, Philadelphia, Pa. Expanding reamer. 1,451,741; Apr. 17.

Alphabetical list of patentees—Continued.

Miller, Paul, Philadelphia, Pa. Expanding reamer. 1,451,742; Apr. 17.
Miller, Paul J., Birmingham, Ala. Compound piston for internal-combustion engines. 1,444,423; Feb. 6.
Miller, Ralph D. (See Moore, Samuel S., assignor.)
Miller, Richard, assignor to Appleton Wood Products Co., Appleton, Wis. Die block. 1,446,626; Feb. 27.
Miller, Richard E. (See Poland, J. F., and Miller.)
Miller, Richard E., Bay Village, Ohio. Automatic windshield-cleaning device. 1,451,368; Apr. 10.
Miller, Robert J., assignor of one-half to J. J. Brett, Oakland, Calif. Tire spreader. 1,445,343; Feb. 13.
Miller, Robert L., assignor to Otis Automatic Train Control, Inc., Spokane, Wash. Valve mechanism for automatic train-control apparatus. 1,477,514; Dec. 11.
Miller, Robert N., Altoona, Pa. Jack. 1,470,180; Oct. 9.
Miller, Robert S. (See Ayers, A. R., and Miller.)
Miller, Rowland W., Williamstown, W. Va. Acetylene-gas generator. 1,466,540; Aug. 28.
Miller, Royal E., Chicago, Ill., assignor to The Adams & Westlake Company. Water cooler. 1,468,309; Sept. 18.
Miller Rubber Company, The. (See Brucker, Ferdinand F., assignor.)
Miller Rubber Company, The. (See Brundage, James W., assignor.)
Miller Rubber Company, The. (See Griffiths, Richard T., assignor.)
Miller Rubber Company, The. (See Harrison, Marion M., assignor.)
Miller Rubber Company, The. (See Lewis, Arthur P., assignor.)
Miller Rubber Company, The. (See Morton, H. A., and Harrison, assignors.)
Miller Rubber Company, The. (See Riley, Ralph, assignor.)
Miller Rubber Company, The. (See Shaw, Gwilym, assignor.)
Miller Rubber Company, The. (See Steele, Charles W., assignor.)
Miller Rubber Company, The. (See Straiton, David, assignor.)
Miller, Russell F., Akron, Ohio. Tire tread. Des. 63,122; Oct. 9.
Miller, Samuel C., assignor to Mattingly & Moore Distillery Co., Louisville, Ky. Glass bottle. Des. 63,373; Nov. 27.
Miller, Samuel P., Chicago, Ill. Spark plug. 1,455,543; May 15.
Miller Saw Trimmer Company. (See Kirkland, Carroll M., assignor.)
Miller Saw-Trimmer Company. (See Smith, Walter H., assignor.)
Miller, Shrewsbury B., Fairmont, W. Va. Jointer for concrete roads. 1,445,229; Feb. 13.
Miller, Sigfrid A., Oakland, Calif. Auto bed. 1,446,716; Feb. 27.
Miller, Simon, Newark, N. J. Method of and apparatus for truing surfaces. 1,474,487; Nov. 20.
Miller, Steve, San Antonio, Tex. Traffic signal. Des. 62,209; Apr. 10.
Miller, Stuart P., Philadelphia, Pa., assignor to The Barrett Company. Production of alpha-naphthylamine. 1,451,666; Apr. 10.
Miller, Stuart P., and J. R. Hess, Philadelphia, Pa., assignors to The Barrett Company. Nitrating aromatic hydrocarbon. 1,457,543; June 5.
Miller, Stuart P., and J. B. Hill, Philadelphia, Pa., assignors to The Barrett Company. Producing resin. 1,464,851; Aug. 14.
Miller, Theodore H., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Combined milk reservoir and bowl-clamp support for cream separators. 1,453,802; May 1.
Miller, Thomas S., South Orange, N. J. Towing engine. 1,455,261; May 15.
Miller, Thomas S., South Orange, N. J. Sheave wheel. 1,460,169; June 26.
Miller, Thomas S., South Orange, N. J. Hoisting machine. 1,476,535; Dec. 4.
Miller, Thomas S., South Orange, N. J. Bucket and associated parts for cableways. 1,476,536; Dec. 4.
Miller, Thomas W., Ashland, Ohio. Golf ball. 1,477,516; Dec. 11.
Miller, Thomas W., assignor to The Faultless Rubber Company, Ashland, Ohio. Shoe lacing. 1,476,348; Dec. 4.
Miller, Vernon J., East Orange, N. J. Material building unit. 1,452,432; Apr. 17.
Miller, Victor A., St. Paul, Minn. Rotary brush. 1,471,748; Oct. 23.
Miller, Volney T., assignor to R. S. Spahr, Kansas City, Mo. Razor-blade-sharpening machine. 1,462,490; July 24.
Miller, Wallace B., Beaumont, Tex. Acetylene generator. 1,475,770; Nov. 27.
Miller, Walter H., Orange, N. J. Phonograph. 1,444,477; Feb. 6.
Miller, Walter J. B., assignor to Whaley and Miller Company, Norfolk, Va. Door wicket. 1,472,663; Oct. 30.
Miller, Walter L. (See Campbell, A., and Miller.)
Miller, Walter W. (See Lewis, F., and Miller.)
Miller, William. (See Gedeon, J., and Miller.)
Miller, William, Manchester, England. Skirt marker. 1,470,538; Oct. 9.
Miller, William, New York, N. Y. Water-power wheel. 1,476,457; Dec. 4.
Miller, William B., Pittsburgh, Pa. Merchandise carrier. 1,448,311; Mar. 13.
Miller, William D. (See Miller, John A. and W. D.)
Miller, William D., Mount Carmel, Ill. Revolving telescoping derrick. 1,471,971; Oct. 23.
Miller, William E. (See Isbell, Charles A., assignor.)
Miller, William E., Kerrville, Tenn. Animal weaner. 1,450,106; Mar. 27.
Miller, William G. (See Hrobsky, Hobert, assignor.)
Miller, William H., Hillsboro, Ill. Puzzle. 1,457,383; June 5.
Miller, William J., Swissvale, Pa. Process and apparatus for feeding glass. 1,451,707; Apr. 17.
Miller, William J., Swissvale Borough, Pa. Process and apparatus for feeding glass. 1,462,491; July 24.
Miller, William O., Newport, and O. Bradford, Florence, Ky., assignors to P. Goldsmith's Sons, Cincinnati, Ohio. Strap slide buckle. 1,440,403; Jan. 2.
Miller, William P., Brooklyn, and N. J. Karayanis, New York, N. Y. Cooking utensil. 1,460,975; July 3.
Miller, William R., Park Place, Pa. Bearing box for mine cars. 1,457,384; June 5.
Miller, William T., et al. (See Downey, Charles M., assignor.)
Miller, William W. (See Eanes, Hugh P., assignor.)
Miller, William W. (See Sabbag, Litfallah G., assignor.)
Miller, William W., Martinsville, Va. Doffing and donning mechanism. 1,463,479; July 31.
Miller, Wyman A., et al. (See Ulrich, Carl J., assignor.)
Millers Falls Company. (See Parsons, William F., assignor.)
Millers Falls Company. (See Ryther, Henry A., assignor.)
Millet, Laurent, assignor to Compagnie pour la Fabrication des Compteurs et Material d'Usines a Gaz, Paris, France. Gas meter with swinging bell-shaped members. 1,478,133; Dec. 18.
Millholland, James H., Philadelphia, Pa. Display packaging for rolled rugs and the like. 1,476,267; Dec. 4.
Millhouse, John G., Litchfield, Ill., F. W. Schneider and R. Farmer, Nokomis, Ill. Safety railway stop. 1,441,291; Jan. 9.
Millican, Joel W., Fort Worth, Tex. Cooking utensil. 1,445,788; Feb. 20.
Millice, Paul S., Hamilton, Ohio, assignor to Herring-Hall-Marvin Safe Company, New York, N. Y. File container. 1,440,883; Jan. 2.
Millie Patent Holding Co. (See Hirschhorn, Benjamin and L., assignors.)
Millie Patent Holding Co. Inc. (See Hirschhorn, Louis, assignor.)
Milliken, Charles C., Deer River, Minn. Wheeled toy. 1,466,183; Aug. 28.
Milliken, Foster, Lawrence, N. Y. Street signal lamp. Des. 62,030; Mar. 6.
Milliken, John A., Bayonne, assignor to J. E. Marsden, Egg Harbor City, N. J. Glassworking apparatus. 1,453,803; May 1.
Milliken, William H., jr., Brooklyn, assignor to Binney & Smith Co., New York, N. Y. Paint box. 1,478,242; Dec. 18.
Millin, John J., New York, N. Y. Carton-wrapping machine. 1,453,719; May 1.
Millman, Herman. (See Cubbage, A. B., and Millman.)
Millner, Edgar, St. Louis, Mo. Soldering iron. 1,451,623; Apr. 10.
Millner, Edgar, St. Louis, Mo. Melting or soldering pot. 1,458,430; June 12.
Millot, Marius F., Paris, France. Safety dispensing device. 1,462,352; July 17.
Mills, Andrew H., Warsaw, Ind. Music-leaf turner. 1,460,265; June 26.
Mills Belt Company. (See Randall, Charles F., assignor.)
Mills Belt Company. (See Smith, Clarence E., assignor.)
Mills Belt Company. (See Spalding, George W., assignor.)
Mills, Bernard, Brooklyn, N. Y., R. R. Row and H. C. Davis, Elizabeth, N. J., assignors to Row & Davis, Engineers, Inc. Heating system. 1,461,541; July 1.
Mills, Bertie E., assignor to Mills Novelty Company, Chicago, Ill. Tension device for musical stringed instruments. 1,441,702; Jan. 9.
Mills, Bertie E., assignor to Mills Novelty Company, Chicago, Ill. Music-sheet feeder. 1,443,584; Jan. 30.
Mills, Charles W. (See Drake, Percy L., assignor.)
Mills, Chester B., East McKeesport, Pa., assignor to Westinghouse Electric & Manufacturing Company. Structural-steel frame for dynamo-electric machines. 1,470,695; Oct. 16.
Mills, Chester B., East McKeesport, Pa., assignor to Westinghouse Electric and Manufacturing Company. Fluid-cooled bearing. 1,473,827; Nov. 13.
Mills, Claude B., High River, Alberta, Canada. Saddle. 1,461,282; July 10.
Mills, Ernest, assignor to The Smith and Mills Company, Cincinnati, Ohio. Belt shifter for stepped cone pulleys. 1,440,482; Jan. 2.
Mills, Frank P., Berkeley, Calif. Adjustment attachment for hydraulic testing apparatus. 1,473,963; Nov. 13.

Mills, Frank W., Chicago, Ill. Coin detector. 1,452,979; Apr. 24.
Mills, Frank W., Chicago, Ill. Ball-bearing coin detector. 1,452,980; Apr. 24.
Mills, George T., Athol, and J. H. Demars, Worcester, Mass. Offset, zigzag, and staggered key. 1,449,341; Mar. 20.
Mills, Herbert S. (See Sandell, Henry K., assignor.)
Mills, James M., Helena, Mont. Grease gun. 1,451,446; Apr. 10.
Mills, James P., assignor to Continental Motors Corporation, Detroit, Mich. Expanding fly cutter. 1,460,427; July 3.
Mills, John, Wyoming, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Radio receiving circuits. 1,457,447; June 5.
Mills, John, Wyoming, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Radio receiving system. 1,478,047; Dec. 18.
Mills, Neva I., Los Angeles, Calif. Bassinet. 1,453,942; May 1.
Mills Novelty Company. (See Mills, Bertie E., assignor.)
Mills, Samuel, New York, N. Y. Sinker. 1,453,987; May 1.
Mills, Sidney, assignor of one-half to A. Johnson, Manchester, England. Portable elevator. 1,445,406; Feb. 13.
Mills, Thomas. (See Pfeifer, F. A., and Naab, assignors.)
Mills, Thomas M., and J. T. Clark, Fresno, Calif.; said Mills assignor to said Clark. Automatic package separator for conveyer systems. 1,456,029; May 22.
Mills, Thos., & Bro., Inc. (See Smith, William C., assignor.)
Mills, William P., assignor to Moore Push-Pin Company, Philadelphia, Pa. Device for inserting map tacks. 1,461,670; July 10.
Millsaps, Jefferson H., Chicago, Ill. Lumber-sawing implement. 1,451,079; Apr. 10.
Millspaugh, William H., assignor to The Sandusky Foundry & Machine Company, Sandusky, Ohio. Device for filling centrifugal casting machines. Re15,601; May 15.
Millward, John R., Newark, N. J. Metallurgical furnace. 1,474,157; Nov. 13.
Milmoe, Michael J., assignor to F. B. Redington Company, Chicago, Ill. Carton-sealing mechanism. 1,463,627; July 31.
Milné, Alexander, assignor to Newark Watch Case Materials Company, Newark, N. J. Watch holder. 1,443,633; Jan. 30.
Milo-Hudson, Ralph, et al. (See Whitcomb, James, assignor.)
Milton Bradley Company. (See King, William E., assignor.)
Milton, John K., Chicago, Ill. Manually-operated boat. 1,452,433; Apr. 17.
Milton, John L., Cleveland, Ohio. Air cleaner. 1,471,565; Oct. 23.
Milton, John L., assignor to The Teagle Company, Cleveland, Ohio. Impulse-starter-mechanism for ignition generators. 1,458,431; June 12.
Milton, John L., Cleveland, Ohio, assignor to Motor Ignition & Devices Company. Electrical ignition system for internal-combustion engines. 1,471,345; Oct. 23.
Milton, Joseph B., Enid, Okla. Gravity lock. 1,447,144; Feb. 27.
Milton, William H., and F. Schermer, Muscatine, Iowa. Automatic fluid control. 1,463,129; July 24.
Milutin, Theodore A., Dearborn, Mich. Antifreezing device for radiators. 1,445,638; Feb. 20.
Milwaukee Auto Engine and Supply Company. (See Mau, Louis A., assignor.)
Milwaukee Electric Crane & Manufacturing Co. (See Beck, Matthias A., assignor.)
Milwaukee Manufacturing Co. (See Strauss, Norbert F., assignor.)
Milwaukee Pattern & Mfg. Co. (See Drolshagen, Albert J., assignor.)
Milwaukee Stamping Co. (See Petrie, August J., assignor.)
Milwaukee Tank Works. (See Bienenstok, Edgar A., assignor.)
Mimmo Toy Company, Inc. (See Goolman, Fred R., assignor.)
Minami, Fusakichi, San Francisco, Calif. Stem stripper. 1,459,598; June 19.
Minami Manshu Tetsudo Kabushiki Kaisha. (See Namari, Ichitaro, assignor.)
Minch, Walter B., Jackson, assignor to General Motors Corporation, Detroit, Mich. Wheel. 1,469,265; Oct. 2.
Minck, Julius. (See Philippi, Jacob, assignor.)
Minder, Emil E., Wisdom, Mont. Hook. 1,471,973; Oct. 23.
Mindich, Benjamin. (See Lebwohl, Benjamin, assignor.)
Mine Safety Appliance Company. (See Mase, Roscoe P., assignor.)
Mine & Smelter Supply Company, The. (See Johnson, O. H., and Webb, assignors.)
Miner, Douglas F., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Tool handle and making the same. 1,442,084; Jan. 16.
Miner, Frank E., Chicago, Ill. Portable turntable. 1,454,482; May 8.
Miner, Frank J., Detroit, Mich. Universal conduit box. 1,462,209; July 17.
Miner, Harry, Minneapolis, Minn. Vehicle turning signal. 1,463,331; July 31.
Miner, James B., Bend, Oreg. Halter. 1,455,445; May 15.
Miner, James H., Meridian, Miss. Theft alarm. 1,454,183; May 8.
Miner, James H., Meridian, Miss. Saw tooth. 1,463,480; July 31.
Miner, M. Jay. (See Lewis, Herman A., assignor.)
Miner, Maude, Los Angeles, Calif. Abdominal band. 1,454,330; May 8.
Miner, William H. (See Dath, Charles E., assignor.)
Miner, William H. (See Dorey, George B., assignor.)
Miner, William H. (See Floyd, George G., assignor.)
Miner, William H. (See Geiger, William A., assignor.)
Miner, William H. (See Haseltine, Stacy B., assignor.)
Miner, William H. (See Keith, Williams, assignor.)
Miner, William H. (See Lewis, Goodrich Q., assignor.)
Miner, William H. (See Mitchell, John R., assignor.)
Miner, William H. (See O'Connor, John F., assignor.)
Miner, William H. (See Townsend, Frederick B., assignor.)
Miner, William H. (See Williams, Keith, assignor.)
Mineral Bath Cabinet Company, The. (See Dorment, Frank C., assignor.)
Minerallac Electric Company. (See Sines, Harold S., assignor.)
Miners Supply and Equipment Company. (See Hurl, Charles W., assignor.)
Minett, Wilfrid T. (See Bates, A., and Minett.)
Mingie, George W. (See Ellis, J. G., and Mingie.)
Mininberg, Nathan, assignor to Bran Products Company, Dickinson, N. Dak. Apparatus for producing flaked and other food products. 1,455,923; May 22.
Minneapolis Bedding Company. (See Walstrom, Charles W., assignor.)
Minneapolis Heat Regulator Company. (See Denison, Frederick S., assignor.)
Minnelli, Vincenzo, Pittston, Pa. Phonograph-amplifier mounting. 1,456,903; May 29.
Minner, Julian E., Mandan, N. Dak. Transmission mechanism. 1,474,279; Nov. 13.
Minney, Arthur W., Stockton, Calif. Wrench. 1,440,404; Jan. 2.
Minney, Arthur W., Stockton, Calif. Egg beater and mixer. 1,468,826; Sept. 25.
Minney, Arthur W., assignor of one-half to F. L. Boyd, Stockton, Calif. Car-wheel boxing and oiling device. 1,453,158; Apr. 24.
Minnick, Frederick L., assignor to Tubular Steel Automobile Wheel Manufacturing Company, Spokane, Wash. Vehicle wheel. 1,467,446; Sept. 11.
Minnick, Louis. (See Judd, E. R., and Minnick.)
Minnick, William L., jr. (See Summer, W. C., and Minnick.)
Minnier, Blythe J. (See Bickel, H. F., and Minnier.)
Minor, William T., Ashland, Oreg. Fruit-picker's bag. 1,459,599; June 19.
Minshull, Robert, Waterloo, Wis. Stanchion lock. 1,446,198; Feb. 20.
Minshull, Robert, Waterloo, Wis. Stanchion lock. 1,446,199; Feb. 20.
Mintmier, Frederick. (See Menzer, A. N., and Mintmier.)
Minton, John P., assignor to Western Electric Company, Incorporated, New York, N. Y. Transmitter. 1,456,511; May 29.
Minton, Louis, Manchester, England. Rubber or rubber-coated article. 1,455,544; May 15.
Mintrop, Ludger, Hanover, Germany. Field seismograph. 1,451,080; Apr. 10.
Mintz, Henry, Roxbury, assignor to New England Bedding Company, Boston, Mass. Folding bed. 1,477,659; Dec. 18.
Mintz, Jack D., New York, N. Y. Storage battery. 1,460,072; June 26.
Mintz, Julius, New York, N. Y. Shifter-clamping device. 1,470,181; Oct. 9.
Mintz, Moses J., New York, N. Y. Music cue sheet for motion pictures. 1,463,288; July 31.
Minville, Wilfrid J., Manville, R. I. Loom heddle frame. 1,470,862; Oct. 16.
Minzner, Charles, Laconia, N. H. Attachment for fuel burners. 1,440,483; Jan. 2.
Miot, Georges. (See Casalonga, L. D. A., and Miot.)
Mire, Joseph C., Feitel, La. Armored tire. 1,458,191; June 12.
Mirfield, George E., Youngstown, Ohio. Making pipe couplings. 1,444,630; Feb. 6.
Mirgon, Frank J., San Francisco, Calif. Razor-hone holder. 1,476,268; Dec. 4.
Mirich, Charley V., Gary, Ind. Direction indicator. 1,448,561; Mar. 13.
Mirus, Charles H., Louisville, Ky. Adjustable cap. 1,451,174; Apr. 10.
Mirzejewski, Julius, Milwaukee, Wis. Telephone-receiver attachment. 1,476,409; Dec. 4.
Miscampbell, Hugh, Duluth, Minn. Power snowplow. 1,443,032; Jan. 23.
Miscampbell, Hugh, Duluth, Minn. Lime-hydrating apparatus. 1,464,722; Aug. 14.
Misener, Albert F. (See Foster, J. P., and Misener.)

Misener & Irving Manufacturing Co. (See Misener, John I., assignor.)
Misener, John I., Syracuse, N. Y. Sediment cup. 1,446,056; Feb. 20.
Misener, John I., assignor to Misener & Irving Manufacturing Co., Inc., Syracuse, N. Y. Cutting edge. 1,448,697; Mar. 13.
Misener, Sampson J., Woodside, Nova Scotia, Canada. Sluicing mechanism for filter presses. 1,464,953; Aug. 14.
Misiak, Wlodzimierz, New York, N. Y. Dumb-waiter signal. 1,470,466; Oct. 9.
Miskunas, Anton, Oglesby, Ill. Machine gun. 1,441,517; Jan. 9.
Misner, Edgar D., assignor of one-fifth to J. J. Battenfeld and one-fifth to H. R. Retz, Detroit, Mich. Wringer. 1,453,568; May 1.
Misner, Julius C., Terre Haute, Ind. Oil burner. 1,457,590; June 5.
Mistrot, Simon P., Galveston, Tex. Clothes hook. 1,467,553; Sept. 11.
Misuraca, Louis J., Los Angeles, Calif. Internal-combustion engine. 1,474,842; Nov. 20.
Mitchel, Charles F., and J. W. Lechleitner, assignors to Bastian Bros. Company, Inc., Rochester, N. Y. Pinwheel. 1,443,585; Jan. 30.
Mitchell, Alex, Motor Plow Company, The. (See Mitchell, Alexander, assignor.)
Mitchell, Alexander, Pueblo, Colo., assignor to The Alex Mitchell Motor Plow Company. Traction lug. 1,443,374; Jan. 30.
Mitchell, Alexander, Pueblo, Colo., assignor of one-half to S. Dobin. Convertible desk. 1,463,289; July 31.
Mitchell, Anna N. (See Wall, W. A., and Mitchell.)
Mitchell, Archibald R., London, England. Change-speed gear for motor vehicles. 1,445,703; Feb. 20.
Mitchell, Arthur R., Bridgeport, Ohio. Thread-chasing mechanism. 1,454,554; May 8.
Mitchell, Arthur R., assignor to Mitchell Window Device Co., Milwaukee, Wis. Window construction. 1,450,697; Apr. 3.
Mitchell, Benjamin A., Garfield, Utah. Vibrator for screening machines, etc. 1,459,841; June 26.
Mitchell, Benjamin A., St. George, N. Y. Vibrating screen. 1,459,843; June 26.
Mitchell, Benjamin A., Garfield, Utah. Vibrating screen. 1,459,844; June 26.
Mitchell, Benjamin A., Garfield, Utah. Screening machine and screen cloth therefor. 1,459,845; June 26.
Mitchell, Benjamin A., Garfield, Utah. Vibrating screen. 1,459,846; June 26.
Mitchell, Benjamin A., Garfield, Utah. Differential vibrator. 1,459,847; June 26.
Mitchell, Benjamin A., Garfield, Utah. Percussion drill and the like. 1,459,848; June 26.
Mitchell, Benjamin A., St. George, N. Y. Screening machine and screen cloth therefor. 1,459,842; June 26.
Mitchell, Benjamin A., Garfield, assignor of two-thirds to M. L. Mitchell, Magna, Utah. Vibrating screen. 1,459,837; June 26.
Mitchell, Benjamin A., Garfield, assignor of two-thirds to M. L. Mitchell, Magna, Utah. Vibrating screen. 1,459,838; June 26.
Mitchell, Benjamin A., Garfield, assignor of two-thirds to M. L. Mitchell, Magna, Utah. Vibrating screen. 1,459,840; June 26.
Mitchell, Benjamin A., St. George, N. Y., assignor of two-thirds to M. L. Mitchell, Magna, Utah. Vibrating screen. 1,459,839; June 26.
Mitchell, Charles, Woodstock, Ontario, Canada. Railway-car-wheel clamp. 1,462,294; July 17.
Mitchell, Charles F., Torrance, Calif. Record-filing device. 1,453,943; May 1.
Mitchell, Charles F., Baltimore, Md. Bag or parcel tie. 1,460,207; June 26.
Mitchell, Charles F., and C. R. Boesche, Baltimore, Md. Identification tag. 1,469,100; Sept. 25.
Mitchell, Charles H. (See Hazlett, G., and Mitchell.)
Mitchell, Charles H., London, assignor, by mesne assignments, to said Mitchell and T. C. Bench, Kingston, Surrey, England. Gas cooker. 1,478,134; Dec. 18.
Mitchell, Clyde H., Minneapolis, Minn. Straightedge device for use in trimming sheet material. 1,471,522; Oct. 23.
Mitchell, David W., Toronto, Ontario, Canada. Means for dispensing semifluid materials. 1,463,902; Aug. 7.
Mitchell, Edward A., London, England. Gas-distributing system. 1,451,303; Apr. 10.
Mitchell, Elmer C., St. Louis, Mo. Comic artificial eye. 1,464,211; Aug. 7.
Mitchell, Elmer C., St. Louis, Mo. Adjustable spring turnbuckle and hanger. 1,467,872; Sept. 11.
Mitchell, Eugene F., assignor to F. R. Robertson, Spokane, Wash. Safety-razor-blade holder. 1,464,681; Aug. 14.
Mitchell, Frank A., Hove, England. Driving mechanism for mechanical toys and the like. 1,446,476; Feb. 27.
Mitchell, Frederick G., Hyde Park, London, England. Supporting and guiding means for endless band and like conveyers. 1,446,264; Feb. 20.
Mitchell, George L. (See Glaudel, George, assignor.)
Mitchell, George W., Le Roy Township, Mower County, Minn. Chick-feeding device. 1,468,668; Sept. 25.
Mitchell, Guy C., assignor to The Hooven, Owens, Rentschler Company, Hamilton, Ohio. Hydraulic bearing for sugar mills and the like. 1,461,135; July 10.
Mitchell, Harbour, assignor to American Foundry & Construction Company, Pittsburgh, Pa. Neck or nozzle connection for pipe lines. 1,457,183; May 29.
Mitchell, Harlan M., San Francisco, Calif. Automatic pencil sharpener. 1,456,904; May 29.
Mitchell, Harold D., assignor to C. Kenyon Company, Brooklyn, N. Y. Tire tread. Des. 62,292; May 1.
Mitchell, Harold D., assignor to C. Kenyon Company, Inc., Brooklyn, N. Y. Tire tread. Des. 63,307; Nov. 20.
Mitchell, Harold D., assignor to C. Kenyon Company, Inc., Brooklyn, N. Y. Tire tread. Des. 63,308; Nov. 20.
Mitchell, Harold D., Brooklyn, N. Y., assignor to Sheffield Clark, trustee, Nashville, Tenn. Tire tread. Des. 63,038; Sept. 18.
Mitchell, Harry R., assignor to Mitchell Products Company, Seattle, Wash. Variable-action shock absorber. 1,456,856; May 29.
Mitchell, Harry R., assignor to Mitchell Products Company, Seattle, Wash. Shock absorber. 1,458,494; June 12.
Mitchell, Harry R, assignor to Mitchell Products Company, Seattle, Wash. Vending machine. 1,473,828; Nov. 13.
Mitchell, Harry R., assignor to Mitchell Products Company, Seattle, Wash. Automobile theft preventer. 1,476,166; Dec. 4.
Mitchell, Harry R., assignor to Mitchell Products Company, Seattle, Wash. Signaling motor-temperature indicator. 1,476,167; Dec. 4.
Mitchell, Harry W., and P. La Grassa, assignors to Night Aero Advertising Corporation, New York, N. Y. Advertising sign. 1,474,682; Nov. 20.
Mitchell, Henry W., New York, N. Y. Heating unit. 1,463,903; Aug. 7.
Mitchell, Howard B., Tacoma, Wash. Assembling tool for interrupter arms. 1,451,708; Apr. 17.
Mitchell, James M. (See Mickelson, George A., assignor.)
Mitchell, John. (See Goold-Adams, H., and Mitchell.)
Mitchell, John, and J. C. G. Cossey, London, England. Coupling for railway and like vehicles. 1,471,049; Oct. 16.
Mitchell, John A. (See Schede, A. W., and Mitchell.)
Mitchell, John A., Newark, N. J., assignor of one-half to A. D. T. Libby, East Orange, N. J. Device for mixing materials. 1,449,051; Mar. 20.
Mitchell, John C. (See Hirsh, A. M., and Mitchell.)
Mitchell, John C., East Orange, assignor to Lock Joint Pipe Company, Ampere, N. J. Joint for concrete pressure pipes. 1,467,585; Sept. 11.
Mitchell, John F., Topeka, Kans., assignor to Marshall Field & Company, Chicago, Ill. Shuttle winder. 1,464,212; Aug. 7.
Mitchell, John L., Greenwich, Conn. Apparatus for calcining lithopone. 1,478,347; Dec. 18.
Mitchell, John R., Montclair, N. J. Thread guide. 1448,076; Mar. 13.
Mitchell, John R., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Drawbar and yoke connection. 1,447,395; Mar. 6.
Mitchell, Joseph I. (See Dwyer, W. C., and Mitchell.)
Mitchell, Leonidas J., Huntington, W. Va. Tractor. 1,456,905; May 29.
Mitchell, Loris E., and A. J. White, Cleveland, Ohio, assignors to General Electric Company. Sealing-in machine. 1,453,594; May 1.
Mitchell, Loris E., and A. J. White, Cleveland, Ohio, assignors to General Electric Company. Manufacture of incandescent electric lamps and similar articles. 1,453,595; May 1.
Mitchell Manufacturing Company. (See Mitchell, W., and King, assignors.)
Mitchell, Mary P., Eaton, Ohio. Inner tube. 1,451,304; Apr. 10.
Mitchell, Minnie L. (See Mitchell, Benjamin A., assignor.)
Mitchell Motors Company. (See Batenburg, Peter J. F., assignor.)
Mitchell, Oliver, Brookline, Mass. Fountain pen. 1,453,596; May 1.
Mitchell, Oliver, Brookline, Mass. Package for braid or the like. 1,459,849; June 26.
Mitchell, Oliver, Brookline, Mass., assignor to The Murray Company, Dallas, Tex. Tramper. 1,463,221; July 31.
Mitchell, P. R., Company. (See Gabel, Herman E., assignor.)
Mitchell, Parker, St. Paul, Minn. Spark plug. 1,441,444; Jan. 9.
Mitchell Products Company. (See Mitchell, Harry R., assignor.)
Mitchell Rail Anchor Company Inc. (See Runyan, William B., assignor.)
Mitchell, Richard S. M., Bridgeport, Conn. Shock absorber. 1,454,132; May 8.
Mitchell, Robert B. (See Gessler, F. A., and Mitchell.)
Mitchell, Robert J., Adair, Okla. Gate. 1,475,131; Nov. 20.
Mitchell, Robert M., Chicago, Ill., assignor to International Harvester Company. Corn sheller. 1,461,283; July 10.

Mitchell, Stephen A., New Castle, Pa. assignor to American Dressler Tunnel Kilns, Inc., New York, N. Y. Car for tunnel kilns. 1,465,737; Aug. 21.
Mitchell, Sylvester J., A. D. Gabbert, and J. W. Blatter, Grand Junction, Colo. Pruning ladder. 1,456,813; May 29.
Mitchell, Thomas E., Blairgowrie, Scotland. Deseeding machinery for flax and other fibrous plants. 1,441,993; Jan. 9.
Mitchell Vance Co. (See Strahan, G. V., and Mathieu, assignors.)
Mitchell, William, and H. R. King, assignors to Mitchell Manufacturing Company, Milwaukee, Wis. Stock-watering system. 1,475,403; Nov. 27.
Mitchell, William G. (See Dumble, Clifford R., assignor.)
Mitchell, William R. (See Smith, Oscar A., assignor.)
Mitchell Window Device Co. (See Mitchell, Arthur R., assignor.)
Mitscherling, Waldemar O., assignor to Atlas Powder Company, Wilmington, Del. Carrying out continuous fusions. 1,452,520; Apr. 24.
Mittag, Albert H., Schenectady, N. Y., assignor to General Electric Company. Ship-propulsion system. 1,461,552; July 10.
Mittag, Albert H., Schenectady, N. Y., assignor to General Electric Company. Electric ship propulsion. 1,461,553; July 10.
Mittan, Clyde R., Virginia, Nebr. Fruit-jar wrench. 1,469,427; Oct. 2.
Mittelstaedt, Richard C. (See Ninow, W. L., and Mittelstaedt.)
Mittinger, George E., Youngstown, Ohio. Knockdown metal tank. 1,443,192; Jan. 23.
Mittinger, George E., Youngstown, Ohio. Metallic keg. 1,444,631; Feb. 6.
Mittinger, George E., Youngstown, Ohio. Barrel or keg. 1,453,883; May 1.
Mitton-Braley Aeroplane Control Company. (See Mitton, Robert E., assignor.)
Mitton, Ernest R., Port Elgin, New Brunswick, Canada. Helicopter. 1,477,147; Dec. 11.
Mitton, Robert E., assignor to Mitton-Braley Aeroplane Control Co., Salt Lake City, Utah. Controlling mechanism for flying machines. 1,464,852; Aug. 14.
Mitton, Robert E., assignor to Mitton-Braley Aeroplane Control Company, Salt Lake City, Utah. Aeroplane control. 1,470,998; Oct. 16.
Mitts & Merrill. (See Mitts, P. S., and Winston, assignors.)
Mitts, Philip S., and W. J. Winston, assignors to Mitts & Merrill, Saginaw, Mich. Chip pocket for cutting shredders and the like. 1,462,492; July 24.
Mitzenmacher, Sam, assignor of one-half to N. Kanet, Chicago, Ill. Turnstile registering apparatus. 1,457,448; June 5.
Miura, Shozo, New York, N. Y. Lamp stand. Des. 62,031; Mar. 6.
Mix, Edwin S., Rochester, N. Y., assignor to Hickok Manufacturing Company, Inc. Belt. 1,459,113; June 19.
Mix, Edwin S., assignor to Hickok Manufacturing Company, Rochester, N. Y. Belt buckle. 1,461,826; July 17.
Mix, Edwin S., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Belt buckle. 1,463,904; Aug. 7.
Mix, Frederick H., Brooklyn, N. Y., assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Display case. 1,471,974; Oct. 23.
Mix, Gainford P., Moscow, Idaho. Land pulverizer and mulcher. 1,467,056; Sept. 4.
Mix, Melville W., Mishawaka, Ind. Airplane strut. 1,446,761; Feb. 27.
Mix, Muriel M. Lidgerwood, N. Dak. Camera-case attachment. 1,467,906; Sept. 11.
Mix, William J., assignor to R. M. Odell, Leavenworth, Kans. Machine for making egg-case fillers. 1,448,934; Mar. 20.
Mixsell, Ward T., Cumberland, Md. Flexible valve diaphragm. 1,473,998; Nov. 13.
Mixter, George W., and J. V. Holstein, assignors to Deere and Company, Moline, Ill. Cultivator. 1,440,405; Jan. 2.
Miyagi, Takeo, Waipahu, Oahu, Hawaii. Nut lock. 1,467,907; Sept. 11.
Miyaguchi, Takeo, Sendagayamachi, Toyotamagori, Tokyofu, Japan. Cementation of boron into the surface of iron or steel. 1,472,850; Nov. 6.
Miyaguchi, Takeo, Sendagayamachi, Toyotamagori, Tokyofu, Japan. Cementation of boron into the surface of iron or steel. 1,472,851; Nov. 6.
Miyazaki, Koji. (See Yokosawa, K., and Miyazaki.)
Mladinich, Frank, New York, N. Y., assignor to H. & N. Carburetor Co., Inc. Camera. 1,446,576; Feb. 27.
Mladinich, Frank, New York, N. Y., assignor to H. & N. Carburetor Co., Inc. Motion-picture-projecting machine. 1,464,327; Aug. 7.
Mliczek, Franciszek, assignor of one-half to J. Bemben, Cleveland, Ohio. Demountable shade and curtain fixture. 1,477,272; Dec. 11.
Moakley, Henry M., assignor to H. C. Ford, Jamaica, N. Y. Variable-speed transmission. 1,448,490; Mar. 13.
Moats, Edwin C., deceased, Denver, Colo.; M. E. McElroy, administratrix. Vapor stove. 1,448,900; Mar. 20.
Moats, Thomas B., Bucyrus, Ohio. Removable-top continuous kiln. 1,447,682; Mar. 6.
Mobbs, George H., Parramatta, near Sydney, New South Wales, Australia. Casement and transom stay and sash and door holder. 1,444,032; Feb. 6.
Moberg, Carl A., assignor to Northam Brothers Co., Inc., Chicago, Ill. Scroll saw. 1,465,651; Aug. 21.
Mobley, Alonzo L., Soquel, Calif. Nursing bottle. 1,466,311; Aug. 28.
Mocheff, Gligor, Knodell, S. Dak. Tail holder. 1,443,235; Jan. 23.
Mocine, Harry F. (See Heslewood, W. R., and Mocine.)
Mocine, Harry F., et al., trustees. (See Heslewood, W. R., and Mocine, assignors.)
Mock, Charles F., and W. F. Goodman, Toledo, Oreg. Dirigible headlight attachment for automobiles. 1,448,562; Mar. 13.
Mock, Frank C., assignor to Stromberg Motor Devices Company, Chicago, Ill. Fuel-fogging device for internal-combustion engines. 1,473,999; Nov. 13.
Mock, George R., assignor of one-third to R. L. Campbell, Chicago, Ill. Supplemental work support for portable sewing machines. 1,452,696; Apr. 24.
Mock, Hugo, New York, N. Y. Container for ice cream and similar articles. 1,448,077; Mar. 13.
Mock, Hugo, New York, N. Y. Faucet. 1,460,727; July 3.
Mock, Hugo, New York, N. Y. Dustpan. 1,466,454; Aug. 28.
Modern Grinder Mfg. Co. (See Bockshe, Ely, assignor.)
Modern Torch Co. (See Errett, Thomas A., assignor.)
Modernola Company. (See Friedline, William H., assignor.)
Modigliani, Gino, assignor to Ing. Camillo Olivetti & C., Ivrea, Italy. Magneto-electric machine. 1,470,092; Oct. 9.
Modigliani, Gino, assignor to Ing. Camillo Olivetti & C., Ivrea, Italy. Magneto-electric machine. 1,470,093; Oct. 9.
Modine, Arthur B., Racine, Wis. Radiator. 1,454,483; May 8.
Modine, Arthur B., Racine, Wis. Auxiliary liquid-storage receptacle for a circulating system. 1,472,305; Oct. 30.
Modine, Arthur B., Racine, Wis. Radiator. 1,472,306; Oct. 30.
Modlin, Frank E., St. Joseph, Mo. Gas producer. 1,473,119; Nov. 6.
Modra, William. (See Hoener, Frederick, assignor.)
Moe-Bridges Company. (See Huebner, Hans, assignor.)
Moe-Bridges Company. (See Ludwig, George, assignor.)
Moe-Bridges Company. (See Ludwig, George L., assignor.)
Moe, George, Saginaw, Mich. Brush construction. 1,451,400; Apr. 10.
Moecker, Henry, jr., and T. Thompson, Harvey, Ill., assignors to American Stove Company, St. Louis, Mo. Door construction. 1,455,595; May 15.
Moeller, Henry. (See Luther, C., and Moeller.)
Moeller, Henry G. (See Frese, H. C., and Moeller.)
Moeller, Isak, New Glasgow, Nova Scotia, Canada. Reversible strut for railway brake beams. 1,454,063; May 8.
Moeller, John H., St. Louis, Mo., assignor to The Goodyear's Metallic Rubber Shoe Company. Varnishing machine. 1,441,871; Jan. 9.
Moeller, Max E., Brooklyn, N. Y. Manufacture of hydrometers. 1,473,309; Nov. 6.
Moeller, William, Dorranceton Borough, assignor to Wales Adding Machine Company, Wilkes-Barre, Pa. Calculating machine. 1,448,809; Mar. 20.
Moeller, Willy, Hamburg, Germany, assignor, by mesne assignments, to The Chemical Foundation, Inc. Tanning means, their preparation and use. 1,448,278; Mar. 13.
Moen, Karl A., Vik, near Grimstad, Norway. Boat. 1,476,763; Dec. 11.
Moen, Ole H., Inwood, Iowa. Animal trap. 1,456,929; May 29.
Moen, Ole O., F. T. Gronvold, and A. M. Call, Rugby, N. Dak. Plowshare sharpener. 1,476,209; Dec. 4.
Moen, Thorey I., Beloit, Wis. Ventilator. 1,451,884; Apr. 17.
Moerloose, Germaine, assignor to J. Struelens, New York, N. Y. Water heater. 1,456,487; May 22.
Moessner, Ernest, Philadelphia, Pa. Dough cutter. 1,441,106; Jan. 2.
Moetteli, Arnold, Oberwinterthur, Switzerland. Apparatus for casting and cooling moldings. 1,448,565; Mar. 13.
Moetteli, Arnold, Oberwinterthur, Switzerland. Coke-quenching process. 1,457,713; June 5.
Moetteli, Arnold, Oberwinterthur, Switzerland. Arrangement in coke containers or the like. 1,462,119; July 17.
Moetteli, Arnold, Oberwinterthur, Switzerland. Cooling tower for dry cooling of hot coke. 1,466,477; Aug. 28.
Moffat, Henry E., Highland Park, Mich., assignor of one-sixteenth to G. W. Marshall, one-sixteenth to G. L. Marshall, and one-sixteenth to G. L. Marshall, Dayton, Ohio. Oil separator. 1,455,348; May 15.
Moffat, John H., Indianapolis, Ind. Undergarment. 1,458,892; June 12.

Alphabetical list of patentees—Continued.

Moffatt, James R., assignor to Union Special Machine Company, Chicago, Ill. Feeding mechanism for overseaming machines. 1,443,962; Feb. 6.
Moffatt, James R., assignor to Union Special Machine Company, Chicago, Ill. Needle guard for multiple-needle sewing machines. 1,444,633; Feb. 6.
Moffatt, James R., assignor to Union Special Machine Company, of Chicago, Ill. Needle guard for multiple-needle sewing machines. 1,444,634; Feb. 6.
Moffatt, James R., assignor to Union Special Machine Company, Chicago, Ill. Cloth plate for sewing machines. 1,457,449; June 5.
Moffatt, James R., assignor to Union Special Machine Company, Chicago, Ill. Presser roller for puller machines. 1,472,277; Oct. 30.
Moffatt, James R., assignor to Union Special Machine Company, Chicago, Ill. Garment pocket. 1,473,636; Nov. 13.
Moffatt, James R., and R. S. Kelso, assignors to Union Special Machine Company, Chicago, Ill. Bag-darning machine. 1,442,816; Jan. 23.
Moffatt, James R., and R. S. Kelso, assignors to Union Special Machine Company, Chicago, Ill. Multiple-needle sewing machine. 1,443,084; Jan. 23.
Moffatt, James R., and R. S. Kelso, assignors to Union Special Machine Company, Chicago, Ill. Feeding mechanism for sewing machines. 1,443,634; Jan. 30.
Moffatt, James R., and R. S. Kelso, assignors to Union Special Machine Company, Chicago, Ill. Needle guard for multiple-needle sewing machines. 1,444,632; Feb. 6.
Moffatt, William J., Indianapolis, Ind. Antislip device. 1,455,924; May 22.
Moffett, Parley O., assignor to The M. & M. Adograph Company, San Francisco, Calif. Printing device. 1,472,307; Oct. 30.
Moffitt, Mansfield M., San Antonio, Tex. Trap. 1,456,676; May 29.
Moglich, Anthony J., Oakland, Calif. Safety door guard. 1,467,057; Sept. 4.
Mohawk Carpet Mills, Inc. (See Hathaway, Edgar F., assignor.)
Mohawk Carpet Mills, Inc. (See Lea, Charles, assignor.)
Mohler, Charles M., Ypsilanti, Mich. Brake equalizer. 1,453,597; May 1.
Mohlman, George F., assignor of one-half to E. H. Molstad, Edmonton, Alberta, Canada. Frying and roasting pan cover. 1,470,281; Oct. 9.
Mohn, John, Detroit, Mich. Pump. 1,460,208; June 26.
Mohn, John, Detroit, Mich. Beverage-dispensing apparatus. 1,460,209; June 26.
Mohr, George A. (See Hart, George W., assignor.)
Mohr, George P., Victor, Iowa. Watch mechanism. 1,471,623; Oct. 23.
Mohr, Henry, Longford, Tasmania, Australia. Strut or side rest for motor cycles. 1,446,390; Feb. 20.
Möhring, Erich. (See Pollak, I., and Möhring.)
Mohrman, Herman R., Dell Rapids, S. Dak. Tool. 1,448,230; Mar. 13.
Mohrmann, Paul, assignor to Friedley Voshardt Co., Chicago, Ill. Bracket back for lighting fixtures. Des. 62,210; Apr. 10.
Mohrmann, Paul, assignor to Friedley Voshardt Co., Chicago, Ill. Lighting fixture. Des. 62,789; July 31.
Mohrmann, Paul, assignor to Friedley Voshardt Co., Chicago, Ill. Lighting fixture. Des. 63,263; Nov. 13.
Mohrmann, Paul, assignor to Friedley Voshardt Co., Chicago, Ill. Shade holder for lighting fixture. Des. 63,374; Nov. 27.
Mohrmann, Paul, assignor to Friedley Voshardt Co., Chicago, Ill. Shade holder for lighting fixture. Des. 63,375; Nov. 27.
Mohun, John L., Omaha, Nebr. Brake-beam support and brake-shoe-release device. 1,446,855; Feb. 27.
Moiles, Stanley B. (See Kitto, W. H., jr., and Moiles.)
Moister, John. (See Lukens, Gabriel L., assignor.)
Mojonnier Bros. Co. (See Mojonnier, Julius J., assignor.)
Mojonnier Bros. Co. (See Mojonnier, J. J., and Phillips, assignors.)
Mojonnier Bros. Co. (See Mojonnier, Timothy, assignor.)
Mojonnier Bros. Co. (See Retzbach, Edward J., assignor.)
Mojonnier, Julius J., Oak Park, assignor, by mesne assignments, to Mojonnier Bros. Co., Chicago, Ill. Ice-cream test cup. 1,445,789; Feb. 20.
Mojonnier, Julius J., Oak Park, assignor, by mesne assignments, to Mojonnier Bros. Co., Chicago, Ill. Cooling chamber. 1,446,477; Feb. 27.
Mojonnier, Julius J., and H. R. Phillips, Oak Park, assignors to Mojonnier Bros. Co., Chicago, Ill. Agitator. 1,476,996; Dec. 11.
Mojonnier, Timothy, Oak Park, assignor to Mojonnier Bros. Co., Chicago, Ill. Manufacture of sweetened condensed milk. 1,449,688; Mar. 27.
Mojonnier, Timothy, Oak Park, assignor to Mojonnier Bros. Co., Chicago, Ill. Agitator. 1,457,848; June 5.
Mokracek, Ralph A., assignor of thirty-three and one-third one-hundredths to J. C. Kovar, Cleveland, Ohio. Lock for vehicles. 1,444,935; Feb. 13.
Molander, Hans P., Long Beach, Calif. Current motor. 1,460,495; July 3.
Molby, Walter D., Baldwin, Kans. Apparatus for physical culture. 1,456,030; May 22.
Molby, Walter D., Baldwin City, Kans. Physical-culture apparatus. 1,456,031; May 22.
Moldenhauer, Otto A., Milwaukee, Wis. Foot accelerator. 1,459,233; June 19.
Moldenke, Edel, assignor to Moldenke Process Corporation, Watchung, N. J. Treating aluminous materials. 1,457,787; June 5.
Moldenke Process Corporation. (See Moldenke, Edel, assignor.)
Molgard, Peter C. (See Steel, Edward R., and Molgard.)
Moline Heat. (See Shurtleff, Wilfred, assignor.)
Moline Plow Company. (See Boda, Joseph, assignor.)
Moline Plow Company. (See Case, Henry J., assignor.)
Moline Plow Company. (See Dickinson, Harry S., assignor.)
Moline Plow Company. (See Henry, R., and Mansfield, assignors.)
Moline Plow Company. (See Howard, Otis W., assignor.)
Moline Plow Company. (See Rose, Charles B., assignor.)
Moline Plow Company. (See Seaholm, John P., assignor.)
Moline Plow Company. (See Shonts, L. C., and Howard, assignors.)
Moline Plow Company. (See Trolley, Isaac, assignor.)
Molins, Walter E., London, England. Sheet feeder. 1,453,019; Apr. 24.
Molins, Walter E., London, England. Machine for wrapping and packing small articles such as cigarettes. 1,468,246; Sept. 18.
Molins, Walter E., London, England. Machine for use in fitting together boxes of the slide and shell type. 1,473,496; Nov. 6.
Moll, Walter, and A. W. Angel, Evansville, Ind. Insectproot cup for furniture. 1,456,395; May 22.
Moll, William C., Brooklyn, N. Y. Fishing reel. 1,461,043; July 10.
Mollenhauer, Elmer A., Spokane, Wash. Vulcanizing apparatus. 1,472,185; Oct. 30.
Mollenkopf, Artur, Lubeck, Germany. Window, especially for railway, tramway, and other vehicles. 1,462,239; July 17.
Moller, Edvard M. (See Benedict, H. A., and Moller.)
Möller, Erwin, Brackwede, and W. Hoss, Bad Homburg, Germany, assignors to International Precipitation Company, Los Angeles, Calif. Apparatus for electrical precipitation of suspended particles from gases. 1,469,175; Oct. 2.
Molloy, Eddie, Roselle Park, N. J., and E. S. Jenkins, Glen Cove, assignor to A. Klemin, New York, N. Y. Aircraft. 1,442,169; Jan. 16.
Molloy, Francis F., Montreal, Quebec, Canada. Vending machine. 1,464,439; Aug. 7.
Molloy, Thomas, Roxbury, Mass. Tobacco pipe. 1,468,124; Sept. 18.
Molnar, Emery, Flemington, N. J. Washing machine. 1,474,280; Nov. 13.
Molnar, John. (See Roeglin, Henry R., assignor.)
Molniar, Albert G., Albion, Mich. Automobile and truck turner. 1,456,457; May 22.
Mologne, Lewis A., Smithton, Pa. Window lock. 1,463,222; July 31.
Moloney, John H., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,448,810; Mar. 20.
Moloney, Peter J., and D. M. Findlay, assignors to the Governors of the University of Toronto, Toronto, Ontario, Canada. Preparing an extract, obtainable from the mammalian pancreas or from the related glands of fishes, useful in the treatment of diabetes mellitus. 1,470,024; Oct. 9.
Molony, Stuart B., Wellesley Hills, Mass., and Y. Nikaido, Bay City, Mich., assignors to Michigan Chemical Company. Preparing dithiocarbamic compounds. 1,465,677; Aug. 21.
Molsberry, Fred M., et al. (See Duncan, Forest M., assignor.)
Molstad, Edward H. (See Mohlman, George F., assignor.)
Molten, Louis A., Hoboken, N. J. Closure for containers. 1,469,235; Oct. 2.
Molthan, John H., Clear Lake, S. Dak. Lantern bail. 1,441,518; Jan. 9.
Moltrup, James T., Beaver Falls, Pa. Screen. 1,468,369; Sept. 18.
Moltrup, Stephen, Beaver Falls, Pa. Tool. 1,445,344; Feb. 13.
Momb, Ole, West Duluth, Minn. Car door. 1,473,829; Nov. 13.
Momenee, Edward J., Lima, Ohio. Honeycomb-candy cutting and cooling machine. 1,451,081; Apr. 10.
Monaco, Vincenzo L. (See Zardinoni, Faust, assignor.)
Monaghan, Thomas L., New York, N. Y. Lady's safety pocketbook. 1,475,132; Nov. 20.
Monahan, Ernest, Milwaukee, Wis. Belt buckle. 1,455,545; May 15.
Monahan, Richard C., Watertown, assignor to National Machine & Tool Company, Boston, Mass. Machine tool. 1,463,764; July 31.
Monarch Carriage Goods Company, The. (See Voss, H. W., and Balzer, assignors.)
Monarch Governor Company. (See Pierce, E. Ralph, assignor.)
Monarch Marking System Company, The. (See Kohnle, Frederick, assignor.)

Monarch Metal Products Company. (See Lane, Alfred M., assignor.)
Monarch Refillable Fuse Co. (See Ellison, Edward H., assignor.)
Monastero, Accursio, Norristown, Pa. Rubber heel. Des. 61,876; Feb. 6.
Monckton, Sawyer Y., San Francisco, Calif. Lubricating mechanism. 1,456,327; May 22.
Monckton, Sawyer Y., San Francisco, Calif. Wire fastener. 1,473,497; Nov. 6.
Mones, Arthur H., Kerrobert, Saskatchewan, Canada. Cover plate for storage batteries. 1,462,612; July 24.
Moneuse, Alphonse F., New Rochelle, N. Y. Water heater. 1,469,803; Oct. 9.
Moneuse, Elie J., Palisade, N. J. Toaster. 1,471,275; Oct. 16.
Monica, Pasquale D., Harrison, N. Y. Garden implement. 1,458,987; June 19.
Monie, David. (See Mallett, C. S., Forrest, and Monie.)
Monier, Quintus, Tucson, Ariz. Building tile. Des. 63,233; Nov. 6.
Monier, Quintus, Tucson, Ariz. Building tile. Des. 63,264; Nov. 13.
Monitor Controller Company. (See Wells, Herbert J. C., assignor.)
Monitor Controller Company. (See Whittingham, George H., assignor.)
Monitor Stove Company, The. (See Koehler, Julius B., assignor.)
Monk, Thomas, Bridgeport, Conn., assignor to The American Fabrics Company. Lace. Des. 62,790; July 31.
Monks, Michael S., Pittsfield, Mass. Mixing device for internal-combustion engines. 1,457,989; June 5.
Monnot, John F., and E. T. Cook, London, England. Audible signal device of the vibratory diaphragm type. 1,441,872; Jan. 9.
Monogram Lens Corporation. (See Arbuckle, Samuel F., assignor.)
Monrad, Karl J., assignor to Chr. Hansen's Laboratory, Inc., Little Falls, N. Y. Composition for producing a lactic food of especial digestibility. 1,474,542; Nov. 20.
Monrath, Gustav, New York, N. Y., assignor, by mesne assignments, to The Barber Asphalt Paving Company, Philadelphia, Pa. Asphalt structure and composition. 1,452,309; Apr. 17.
Monrath, Gustav, New York, N. Y., assignor, by mesne assignments, to The Barber Asphalt Paving Company, Philadelphia, Pa. Asphalt composition. 1,452,310; Apr. 17.
Monrath, Gustav, New York, N. Y., assignor, by mesne assignments, to The Barber Asphalt Paving Company, Philadelphia, Pa. Annealing mastic pipe. 1,476,828; Dec. 11.
Monroe Calculating Machine Company. (See Britten, Edwin F., jr., assignor.)
Monroe Calculating Machine Company. (See Chase, George C., assignor.)
Monroe, Edward R., Bay City, Mich. Body and limb developer. 1,471,749; Oct. 23.
Monroe, Ella M., Middletown, N. Y. Vacuum gasoline feed. 1,446,920; Feb. 27.
Monroe, Elmer L., assignor of one-third to C. C. Coleman and one-third to M. A. Burnett, Lorain, Ohio. Tire-casing-holding device. 1,443,141; Jan. 23.
Monroe, George A. C., Geneva, Ill. Folding table. 1,464,440; Aug. 7.
Monroe, Gilbert K., Sidney, Ohio. Mold. 1,461,929; July 17.
Monroe, Harry L., St. Louis, Mo. Disappearing furniture. 1,477,660; Dec. 18.
Monroe, James D., Birmingham, Ala. Manufacture of vinegar. 1,459,513; June 19.
Monroe, John S., Memphis, Mo. Hand truck. 1,460,266; June 26.
Monroe-Louisiana Carbon Company. (See Matlock, Chauncey, assignor.)
Monroe, William H., San Jose, Calif. Land leveler. 1,462,120; July 17.
Monsen, Adolph, Logansport, Ind. Engine. 1,447,262; Mar. 6.
Monsen, Adolph, Logansport, Ind., assignor of one-fourth to W. G. Callahan, Chicago, Ill. Self propelled vehicle. 1,443,963; Feb. 6.
Monson, George S., St. Paul, Minn. Dental impression tray. 1,450,639; Apr. 3.
Monson, George S., St. Paul, Minn. Dental articulator. 1,457,385; June 5.
Montag, Christopher F., assignor to Blue Island Specialty Company, Blue Island, Ill. Bur stand. 1,446,921; Feb. 27.
Montag, Christopher F., assignor to Blue Island Specialty Company, Blue Island, Ill. Box. 1,471,050; Oct. 16.
Montagna, Cherubino, Cecil, Pa. Spring for doors. 1,457,714; June 5.
Montague, Carroll H., Richmond, Va. Headlight. 1,448,637; Mar. 13.
Montague, Carroll H., Richmond, Va., assignor to Saf-De-Lite Corporation. Automobile light. 1,448,635; Mar. 13.
Montague, Carroll H., Richmond, Va., assignor to Saf-De-Lite Corporation. Automobile light. 1,448,636; Mar. 13.
Montague City Rod Company. (See Malleson, Thomas E., assignor.)
Montague, George E., West Springfield, Mass. Captive aeroplane. 1,443,375; Jan. 30.
Montague, Hubert H., Traverse City, Mich. Mowing machine and cutter therefor. 1,465,279; Aug. 21.
Montague, William L., and B. Welser, assignors to Chain Belt Company, Milwaukee, Wis. Sprocket chain. 1,451,624; Apr. 10.
Montague, William L., and G. B. Welser, jr., assignors to Chain Belt Company, Milwaukee, Wis. Sprocket chain. 1,451,625; Apr. 10.
Montalto, Vito, Allentown, Pa. Washing machine. 1,458,235; June 12.
Montegut, Sylvie, Paris, France. Carton. Des. 63,123; Oct. 9.
Montgomery, Adda S., Chippewa, Ontario, Canada. Abdominal and kidney belt. 1,477,583; Dec. 18.
Montgomery, Cecil F. (See Mattingly, C. F., and Montgomery.)
Montgomery, Charles H., Fredericksburg, Va. Unloading mechanism for freight cars. 1,452,649; Apr. 24.
Montgomery, George D. (See Montgomery, John N. and G. D., and Dixon.)
Montgomery, George W., Des Moines, Iowa. Ironing board and cabinet. 1,455,446; May 15.
Montgomery, Grover C., Elwood, Ind. Tire tool. 1,441,738; Jan. 9.
Montgomery, Hubert R., Dayton, Ohio. Electrical water heater. 1,440,693; Jan. 2.
Montgomery, James W., Thomasville, Ga. Singletree. 1,461,430; July 10.
Montgomery, John, Toronto, Ontario, Canada. Knob lock. 1,466,369; Aug. 28.
Montgomery, John, Toronto, Ontario, Canada. Car door. 1,476,168; Dec. 4.
Montgomery, John N. and G. D., and H. A. Dixon, Washington, D. C. Signal. 1,458,840; June 12.
Montgomery, John R. (See Jencks, H. W., Montgomery, and Sparks.)
Montgomery, Joseph, West New York, N. Y. Clasp. 1,456,990; May 29.
Montgomery, Robert M., Pontiac, Mich. Seat. 1,465,859; Aug. 21.
Montgomery, Samuel A. (See Payne, E. H., and Montgomery.)
Montgomery, Walter, Chicago, Ill. Cigar and cigarette holder. 1,475,238; Nov. 27.
Montgomery Ward & Co. (See Robertson, Charles A., assignor.)
Montgomery Ward & Co. (See Zint, Frank W., assignor.)
Montgomery, William S., Dalhousie, New Brunswick, Canada. Refrigerator. 1,440,742; Jan. 2.
Monti, Anello, Meriden, Conn. Lock. 1,477,181; Dec. 11.
Monti, Eudo, Turin, Italy. Apparatus for concentrating solutions. 1,465,020; Aug. 14.
Monti, Eudo, Turin, Italy. Concentrating solutions and evaporating fluids. 1,466,670; Sept. 4.
Montigny, Louis. (See Laroche, H. J., and Montigny.)
Montine, Joseph F., Chicago, Ill. Carrier truck. 1,464,011; Aug. 7.
Montpelier Manufacturing Company. (See Knothe, Paul J., assignor.)
Montupet, Léon, Paris, France. Machine for filling molds. 1,473,246; Nov. 6.
Montville, Emma, administratrix. (See Swartz, Fred L., assignor.)
Montville, George. (See Swartz, Fred L., assignor.)
Monzione, Marion A. (See Zilocckl, Giordano, assignor.)
Mooberry, Russell, et al. (See Sumner, George W., assignor.)
Moody, Herbert R., New York, N. Y. Making oils non-sludging. 1,472,882; Nov. 6.
Moody, John F., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Electrical testing instrument. 1,461,492; July 10.
Moody, John T., Tilden, Ill. Flag holder. 1,475,960; Dec. 4.
Moody, Joseph. (See Swetnam, L. H., and Moody.)
Moody, Lewis F., Philadelphia, Pa. Pump and regulating the same. 1,460,428; July 3.
Moody, Lewis F., Philadelphia, Pa. Hydraulic pump. 1,476,210; Dec. 4.
Moody, Sydney A. (See Sargeant, A. E., and Moody.)
Mooers, Louis P., Cincinnati, Ohio. Power-transmitting mechanism. 1,476,675; Dec. 4.
Moog, Minnie C., et al., executors. (See Raabe, Otto L.)
Mooij, Adriaân C. P., Heemstede, Netherlands. Sowing machine. 1,478,753; Dec. 25.
Mook, Roy H., et al. (See Fry, Patrick H., assignor.)
Moon Brothers Manufacturing Company. (See Snell, Samuel A., assignor.)
Moon, Charles J. C., London, England. Golf-bag support. 1,472,664; Oct. 30.
Moon, Edward W., Youngstown, N. Y. Combined fixture support and loom fastener. 1,473,794; Nov. 13.
Moon, Elmer C., Sheepshead Bay, N. Y. Typewriter screen. 1,447,563; Mar. 6.
Moon, Elmer C., Sheepshead Bay, N. Y. Typewriter-clamp. 1,450,183; Apr. 3.
Moon, John W., Lansdowne, assignor to Fretz-Moon Tube Company, Philadelphia, Pa. Apparatus for manufacturing tubes. 1,476,537; Dec. 4.

Moon, John W., Lansdowne, assignor to Fretz-Moon Tube Company, Butler, Pa. Manufacturing tubes. 1,476,632; Dec. 4.
Mooney, Edward L., Minneapolis, Minn. Account-book case. 1,440,484; Jan. 2.
Mooney, Frank H., Hinsdale, assignor to Clarence E. Barrett, Chicago, Ill. Thread-cutting machine. 1,463,019; July 24.
Moore, Ambrose L., New Orleans, La. Self-locking concrete-form clamp. 1,477,974; Dec. 18.
Moore, Arlington, New York, N. Y., assignor to Moore Inventions Corporation, Worcester, Mass. Crate. 1,449,531; Mar. 27.
Moore, Arlington, New York, N. Y., assignor to Moore Inventions Corporation, Worcester, Mass. Container for electric bulbs and the like. 1,449,532; Mar. 27.
Moore, Austin, Mount Pleasant, Iowa. Disk harrow. 1,458,841; June 12.
Moore, Benjamin F. (See Moore, Henry E. and B. F.)
Moore, Benjamin S., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Railway-motor mounting. 1,460,170; June 26.
Moore, Benjamin S., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Locomotive frame. 1,469,236; Oct. 2.
Moore, Charles, assignor to C. A. Taylor Trunk Works, Chicago, Ill. Reenforcing means. 1,473,830; Nov. 13.
Moore, Charles A., St. Paul, Minn. Camp stove. 1,468,165; Sept. 18.
Moore, Charles F., Cambridge, Mass. Adjustable concrete form. 1,473,964; Nov. 13.
Moore, Charles F., Philadelphia, Pa. Adjustable concrete form. 1,473,965; Nov. 13.
Moore, Charles R., Wyoming, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Vibration detector. 1,460,032; June 26.
Moore, Charles R., Wyoming, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Submarine signaling. 1,461,220; July 10.
Moore, Charles S., Shelby, assignor to The Crystal Waxing Company, Middletown, Ohio. Holding wax sheets of paper. 1,475,712; Nov. 27.
Moore, Dean A. (See Keegan, W. J., jr., Callaghan and Moore.)
Moore Dry Kiln Company. (See Creighton, F. M., and Williams, assignors.)
Moore, Edward, assignor to Splitdorf Electric Company, Newark, N. J. Combined impulse coupling and governing mechanism. 1,442,354; Jan. 16.
Moore, Edward, assignor to Splitdorf Electrical Company, Newark, N. J. Governing device for internal-combustion engines. Re15,650; July 10.
Moore, Edward, Colonie, and S. F. Welsh, Elsmere, N. Y. Hopple. 1,473,637; Nov. 13.
Moore, Edward J. and R. H., assignor to The W. W. Sly Manufacturing Company, Cleveland, Ohio. Sand-blast apparatus. 1,462,295; July 17.
Moore, Edward J. and R. H., assignors to The W. W. Sly Manufacturing Company, Cleveland, Ohio. Sand-blast apparatus. 1,462,296; July 17.
Moore Electric Corporation. (See Gray, William E., assignor.)
Moore, Ford H., Kansas City, Mo. Heat-distributing hood. 1,465,652; Aug. 21.
Moore, Francis A., Springfield, Mass., assignor to Baush Machine Tool Company. Multiple-spindle machine. 1,477,888; Dec. 18.
Moore, Frank C., Canton, Ohio. Automobile tire-casing trimming and lining machine. 1,465,229; Aug. 14.
Moore, Frank W. (See Harty, W. A., and Moore.)
Moore, Fred M., Sacramento, Calif. Piston ring. 1,471,700; Oct. 23.
Moore, G. Edward. (See Andrews, Charlie M., assignor.)
Moore, George C. and T. F., Westerly, R. I. Elastic woven fabric. 1,459,547; June 19.
Moore, George C. and T. F., Westerly, R. I. Elastic woven fabric. Des. 62,791; July 31.
Moore, George D. (See McKoy, E. A., and Moore.)
Moore, George H., Brookline, Mass. Temporary binder. 1,441,873; Jan. 9.
Moore, George H., assignor to Airtite Decoy Company, Kansas City, Mo. Inflatable decoy. 1,469,188; Sept. 25.
Moore, George L., Chicago, Ill. Recoil check. 1,473,638; Nov. 13.
Moore, George L., Chicago, Ill., assignor to H. Cadwell, Saugerties, N. Y. Automatic lubricator. 1,475,591; Nov. 27.
Moore, George O. (See Bovard, William H., assignor.)
Moore, George W., Chicago, Ill. Motor-driven manicuring device. 1,475,022; Nov. 20.
Moore, Giles S. (See Moore, Otto, assignor.)
Moore, Harold, and R. Mather, Woolwich, England. Apparatus for testing the hardness of metals and other materials. 1,452,810; Apr. 24.
Moore, Harvey W., and C. H. Schumacher, Stockton, Calif. Electric jack. 1,451,048; Apr. 10.
Moore, Henry E. and B. F., Vance, Wash. Shock absorber. 1,467,945; Sept. 11.
Moore, Henry R. (See Oden, C., and Moore.)
Moore, Howard P. (See Kirk, Arthur R., assignor.)
Moore, Howard R., assignor to M. N. Maychoff & Co., Norwalk, Conn. Article of manufacture. 1,446,808; Feb. 27.
Moore Inventions Corporation. (See Moore, Arlington, assignor.)
Moore, James, Stratford, Conn. Pencil. 1,442,817; Jan. 23.
Moore, James, Stratford, Conn. Pencil. 1,450,005; Mar. 27.
Moore, James B., and G. D. Gallagher, Washington, D. C. Coin-controlled clock bank. 1,451,305; Apr. 10.
Moore, James D., Northwilkesboro, N. C. Mechanical movement. 1,450,184; Apr. 3.
Moore, James E., Sarasota, Fla. Ground clearing and aerating machine. 1,468,388; Sept. 18.
Moore, James E., Chanute, Kans. Dispensing device. 1,478,754; Dec. 25.
Moore, John B., Latrobe, Pa. Tool and making the same. 1,454,451; May 8.
Moore, John B., Latrobe, Pa. Oil tool. 1,454,452; May 8.
Moore, John J., Batavia, N. Y. Combined tractor and truck. 1,454,178; May 8.
Moore, John J., Newport, R. I., assignor to the Government of the United States. Air-flask joint. 1,474,375; Nov. 20.
Moore, John W., Roanoke, W. Va. Jack. 1,464,881; Aug. 14.
Moore, Joseph D., assignor of one-half to J. S. Peterson, Jacksonville, Fla. Switch lock. 1,458,432; June 12.
Moore, Landon C., and W. T. Jackson, Dallas, Tex.; said Jackson assignor to said Moore. Removing paint, enamel, etc. 1,476,909; Dec. 11.
Moore, Lawrence G., and G. J. Sharshing, Washington, D. C. Front-office hotel ledger. 1,448,974; Mar. 20.
Moore, Lawrence L., and F. W. Radcliffe, Los Angeles, Calif.; said Moore assignor to said Radcliffe. Tag. 1,452,250; Apr. 17.
Moore, Lester L., Winder, Ga. Boll-weevil trap. 1,450,382; Apr. 3.
Moore, Lester L., Winder, Ga. Boll-weevil trap. 1,458,538; June 12.
Moore, Lewis S., Minneapolis, Minn. Match box. 1,459,850; June 26.
Moore, Lonnie M., assignor of one-half to C. H. Jackson, Hopkinsville, Ky. Combined curtain rod and shade bracket. 1,470,578; Oct. 9.
Moore, MacCormick G., Wyomissing, assignor to Moore & Moore, Inc., Reading, Pa. Dipper tooth. 1,461,136; July 10.
Moore, Marquis L., Indianapolis, Ind., assignor of one-half to J. O. Franklin, Lawrenceburg, Ky. Combined adjustable shade and curtain hanger. 1,476,349; Dec. 4.
Moore, Matthew S., assignor to Cowlishaw Walker & Company (1920) Limited, London, England. Coal-cutting and similar machine. 1,455,925; May 22.
Moore, Matthew S., assignor to Cowlishaw, Walker & Company (1920) Limited, London, England. Coal cutter. 1,471,975; Oct. 23.
Moore, Max J., Newark, assignor to W. H. Collins, Summit, N. J. Device for carrying baskets and the like. 1,460,554; July 3.
Moore, Merrill, Creston, Iowa. Mold for tiles or blocks of concrete. 1,457,991; June 5.
Moore & Moore, Inc. (See Moore, MacCormick G., assignor.)
Moore, Osborne L., Jefferson, Mo. Index for numbers. 1,463,656; July 31.
Moore, Oscar E., Dorris, Calif. Well-drilling apparatus. 1,449,533; Mar. 27.
Moore, Oscar W., Chicago, Ill. Temperature indicator. 1,466,886; Sept. 4.
Moore, Oscar W., Chicago, Ill. Temperature indicator. 1,466,887; Sept. 4.
Moore, Otto, assignor of one-half to G. S. Moore, Frankfort, Ind. Trolley wheel. Re15,693; Oct. 2.
Moore, Paul R., Portland, Tenn. Loose-leaf binder. 1,446,809; Feb. 27.
Moore, Philip W., Hubbard Woods, assignor to The P. & M. Company, Chicago, Ill. Rail anchor. 1,476,410; Dec. 4.
Moore Push-Pin Company. (See Mills, William P., assignor.)
Moore, R. Sherman, Cincinnati, Ohio. Belt-fastening machine. 1,454,449; May 8.
Moore, R. Sherman, Cincinnati, Ohio. Belt fastener. 1,454,450; May 8.
Moore, Ralph P., Morrisville, N. C. Safety clutch for saw mandrels. 1,441,819; Jan. 9.
Moore, Ray W., Adena, assignor of one-fourth to J. J. Roby, Cleveland, Ohio. Vehicle wheel. 1,440,928; Jan. 2.
Moore, Raymond G., assignor to The Bassick Company, Bridgeport, Conn. Latch for doors. 1,440,884; Jan. 2.
Moore, Raymond G., assignor to The Bassick Company, Bridgeport, Conn. Door latch. 1,443,635; Jan. 30.
Moore, Raymond G., assignor to The Bassick Company, Bridgeport, Conn. Automobile hood clamp. 1,462,493; July 24.
Moore, Raymond G., assignor to The Bassick Company, Bridgeport, Conn. Door latch. 1,471,523; Oct. 23.
Moore, Raymond G., assignor to The Bassick Company, Bridgeport, Conn. Door latch. 1,473,378; Nov. 6.

Moore, Raymond G., assignor to The Bassick Company, Bridgeport, Conn. Doorlatch. 1,474,158; Nov. 13.
Moore, Raymond H. (See Moore, Edward J., and R. H.)
Moore, Richard S., and L. B. Jones, Rockdale, Tex. Oil filter. 1,461,627; July 10.
Moore, Robert A., Cleveland, Ohio. Apparatus for making abrasive belts. 1,456,561; May 29.
Moore, Robert H., Providence, R. I., assignor to Capron Company. Lingerie clasp. 1,444,801; Feb. 13.
Moore, Robert H., assignor to Capron Company, Providence, R. I. Vernier tuning dial. 1,461,493; July 10.
Moore, Roscoe, assignor to Vulcan Iron Works, Wilkes-Barre, Pa. Interlocking device. 1,467,554; Sept. 11.
Moore, Roswell A., assignor to Waterbury Buckle Co., Waterbury, Conn. Garter trimming. 1,455,926; May 22.
Moore, Roswell A., assignor to Waterbury Buckle Co., Waterbury, Conn. Garter trimming. 1,465,992; Aug. 28.
Moore, Samuel J. (See Green, William A., assignor.)
Moore, Samuel S., assignor of one-half to R. D. Miller, Cleveland, Ohio. Tire valve. 1,475,023; Nov. 20.
Moore, Thomas E., Grand Junction, Colo. Beet-harvesting machine. 1,442,963; Jan. 23.
Moore, Thomas F. (See Moore, George C. and T. F.)
Moore, Ulysses S., Lomax, Ill. Tool box for motor vehicles. 1,467,555; Sept. 11.
Moore, Virginia V., Los Angeles, Calif. Sewing accessory. 1,456,032; May 22.
Moore, Wilbert P., Worland, Wyo. Spark-plug tester. 1,471,976; Oct. 23.
Moore, William D., assignor to American Cast Iron Pipe Company, Birmingham, Ala. Mold-facing device. 1,471,051; Oct. 16.
Moore, William D., assignor to American Cast Iron Pipe Company, Birmingham, Ala. Method of and apparatus for centrifugally casting metal bodies. 1,471,052; Oct. 16.
Moore, William D., assignor to American Cast Iron Pipe Company, Birmingham, Ala. Centrifugal refractory mold and preparing the same. 1,471,053; Oct. 16.
Moore, William D., assignor to American Cast Iron Pipe Company, Birmingham, Ala. Producing centrifugal castings with a protective coating. 1,471,054; Oct. 16.
Moore, William E., New Haven, Conn. Dispatch jacket. 1,444,750; Feb. 6.
Moore, William E., Beaver, H. F. Alter, E. A. Hanff, Pittsburgh, J. R. Eckley, New Kensington, Pa., and F. Wright, Newport, Ky., assignors to Pittsburgh Engineering Works, Pittsburgh, Pa. Electric furnace. 1,444,980; Feb. 13.
Moore, William G., Omaha, Nebr. Invertible desk cabinet. Des. 62,792; July 31.
Moore, William H. S., Cleveland, Ohio. Pliers. 1,442,170; Jan. 16.
Moore, William H. S., Cleveland, Ohio. Truck wheel. 1,448,144; Mar. 13.
Moore, Young, Indianapolis, Ind., assignor, by mesne assignments, to Liberty Electric Company. Electric iron. 1,472,762; Oct. 30.
Moore, Zola B., Los Angeles, Calif. Undergarment. 1,456,814; May 29.
Moorhouse, Alfred, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,442,533; Jan. 16.
Moorhouse, Alfred, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,455,169; May 15.
Moorhouse, Alfred, Jackson, assignor to Packard Motor Car Company, Detroit, Mich. Clutch. 1,455,848; May 22.
Moorhouse, Sadie M. (See Rieske, Louis, assignor.)
Moorhouse, Samuel, Leeds, England. Spinning, doubling, twisting, and like machine. 1,460,033; June 26.
Moorman, J. Harry. (See Anderson, Edward, assignor.)
Moors, George F., and E. E. Martin, assignors to The Recip-Roto Engine Company, St. Louis, Mo. Regulating device for steam boilers. 1,473,120; Nov. 6.
Moors, Walter. (See Lees, W., and Moors.)
Moors, Walter C., Owensboro, Ky. Weed extractor. 1,455,144; May 15.
Moorshead, Thomas C., Alton, Ill. Machine for making pressed glassware. 1,445,345; Feb. 13.
Moose, Otto J., St. Louis, Mo. Water heater. 1,466,142; Aug. 28.
Moothart, Lyman L., Junius, S. Dak. Wagon bed. 1,454,179; May 8.
Mora, John F. (See Stranahan, James F., assignor.)
Morabito, Dominick. (See Croce, T., and Morabito.)
Moraine, Elza H., Guthrie Center, Iowa. Automatic sugar sacker. 1,469,673; Oct. 2.
Moran, Edward J., Chicago, Ill. Method of and apparatus for laying reenforcing plates in the manufacture of tire liners. 1,465,611; Aug. 21.
Moran, Edward M., San Francisco, Calif. Adjustable mold for forming leather diaphragms. 1,464,369; Aug. 7.
Moran, Edward M., Berkeley, Calif. Diaphragm and making same. 1,465,610; Aug. 21.
Moran, Henry J., Concord, N. H., assignor of one-half to A. F. Masury, New York, N. Y. Magneto. 1,441,019; Jan. 2.
Moran, Henry N., and C. A. Cellea, Woonsocket, R. I. Spraying container. 1,466,370; Aug. 28.
Moran, Patrick J., East Cleveland, Ohio. Blast furnace 1,460,429; July 3.
Moran, Robert C., Ridley Park, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Recovery of by-products in mercury fulminate manufacture. 1,459,410; June 19.
Moran, Theron D., Dillon, Mont. Attachment for disk harrows. 1,475,312; Nov. 27.
Moran, William F. (See Conlon, W. J., and Moran.)
Morant, Henry C. F., Hawthorn, Victoria, Australia. Film-developing apparatus. 1,462,019; July 17.
Morava, Wensel, Chicago, Ill. Cotton-boll-ripening apparatus. 1,460,555; July 3.
Moravec, John, Vancouver, British Columbia, Canada. Rossing machine. 1,456,328; May 22.
Morcom, Reginald K., Birmingham, England, assignor to General Electric Company, Schenectady, N. Y. Blade-securing means and making same. 1,466,312; Aug. 28.
Morden Frog & Crossing Works. (See Gibbs, Benedict T., jr., assignor.)
Morden, Stephen R., San Francisco, Calif. Grease retainer. 1,464,770; Aug. 14.
Mordey, William M., Westminster, England. Electromagnetic separation or concentration of minerals. 1,463,713; July 31.
More, George, Brooklyn, N. Y. Hose reel. 1,450,006; Mar. 27.
Moreau, Charles L., et al. (See Welch, John M., assignor.)
Moreau, Marcel. (See Puttaert, H. F., and Moreau.)
Moreau, Oscar F. (See Martel, L. V. and Methot, assignors.)
Morehead, John, Detroit, Mich. Steam trap. 1,462,144; July 17.
Morehouse, Eugene, assignor to B. A. Ballou & Company, Inc., Providence, R. I. Forming buttons. 1,442,231; Jan. 16.
Morehouse, Eugene, assignor to B. A. Ballou & Company, Incorporated, Providence, R. I. Safety catch. 1,456,140; May 22.
Morehouse, Lyman F., Montclair, N. J., assignor to American Telephone and Telegraph Company. Means for equalizing transmission over lines of different electrical characteristics. 1,458,988; June 19.
Morel, Louis, assignor to A. L. Schmitz, Boulogne-sur-Seine, France. Spark plug. 1,478,135; Dec. 18.
Morel, Peter. (See Parente, Giuseppe, assignor.)
Moreland, Frederick A., Chicago, Ill. Gas-analysis machine. 1,448,901; Mar. 20.
Morell, Harold W., Union Course, N. Y. Shoe case. 1,447,145; Feb. 27.
Moren, John A. (See Reitan, Edward M., assignor.)
Moreno, Manuel J., San Francisco, Calif. Shoe-polishing device. 1,452,386; Apr. 17.
Moreschini, Ronald, Pueblo, Colo. Beet harvester. 1,445,535; Feb. 13.
Moreton, Henry H. (See Williams, R. E., and Moreton.)
Morey, Harold A., and C. P. R. Warren, Sault Ste. Marie, Ontario, Canada. Paper-core bundling device. 1,458,236; June 12.
Morey, Harry J., Syracuse, N. Y. Electric switch. 1,444,000; Feb. 6.
Morgan, Alfred P., Montclair, N. J. Rheostat. 1,459,070; June 19.
Morgan, Bernard, Keene, N. H. Hose clamp. 1,477,071; Dec. 11.
Morgan, Charles W., Chicago, Ill. Testing device for ignition systems. 1,459,114; June 19.
Morgan Construction Company. (See Carroll, Elbert H., assignor.)
Morgan Construction Company. (See Crosby, Fred B., assignor.)
Morgan Construction Company. (See Edwards, Victor E., assignor.)
Morgan Construction Company. (See George, Jerome R., assignor.)
Morgan Construction Company. (See George, J. R., and Carroll, assignors.)
Morgan Construction Company. (See Isley, George H., assignor.)
Morgan, David W. R., Swarthmore, Pa., assignor to Westinghouse Electric and Manufacturing Company. Large jet condenser. 1,457,788; June 5.
Morgan, Donald C., assignor to American Sanitary Lock Co., Indianapolis, Ind. Coin-controlled lock. 1,465,052; Aug. 14.
Morgan, Edmund C., Chicago, Ill. Machine for mining. 1,440,788; Jan. 2.
Morgan, Edmund C., Chicago, Ill. Machine for mining. 1,440,789; Jan. 2.
Morgan, Edmund C., Chicago, Ill. Mining apparatus. 1,445,230; Feb. 13.
Morgan, Edmund C., New York, N. Y. Mining and loading machine. 1,440,790; Jan. 2.
Morgan, Edmund C., New York, N. Y. Mining and loading machine. 1,440,791; Jan. 2.
Morgan, Edmund C., New York, N. Y. Mine-roof-supporting method and apparatus. 1,450,329; Apr. 3.
Morgan, Edmund C., New York, N. Y. Mining apparatus. 1,450,603; Apr. 3.
Morgan, Edmund C., Richmond Hill, N. Y. Apparatus for mining. 1,451,101; Apr. 10.
Morgan, Edmund C., New York, N. Y. Mining machine. 1,456,991; May 29.

Morgan, Edmund C., deceased, New York, N. Y.; O. E. Morgan, executrix. Cutting chain. 1,468,866; Sept. 25.

Morgan, Edmund C., deceased, New York, N. Y.; O. E. Morgan, executrix. Chain cutter for mining machines. 1,468,914; Sept. 25.

Morgan, Edmund C., deceased, New York, N. Y.; O. E. Morgan, executrix. Loading machine. 1,473,157; Nov. 6.

Morgan, Edmund C., deceased, Richmond Hill, N. Y.; O. E. Morgan, executrix. Tunneling machine. 1,473,498; Nov. 6.

Morgan, Edmund C., deceased, Chicago, Ill.; O. E. Morgan, executrix. Mining machine. 1,474,000; Nov. 13.

Morgan, Edward C., New York, N. Y. Display stand. 1,457,990; June 5.

Morgan Engineering Company. (See Taylor, Clarence L., assignor.)

Morgan, Ernest A., Dorchester, Mass. Commercial fertilizer. 1,440,836; Jan. 2.

Morgan, Francis L., Washington, Iowa. Stock-watering apparatus. 1,476,095; Dec. 4.

Morgan, Frank S. (See Kirkpatrick, B. S., and Morgan.)

Morgan, Frank S., Berkeley, Calif. Sluice box. 1,476,169; Dec. 4.

Morgan, Garrett A., Cleveland, Ohio. Traffic signal. 1,475,024; Nov. 20.

Morgan, George, Binghamton, N. Y. Guard for buffing wheels. 1,465,860; Aug. 21.

Morgan, George D., New York, N. Y. Surveying instrument. 1,468,368; Sept. 18.

Morgan, Gilbert T., London, assignor to Imperial Trust for The Encouragement of Scientific and Industrial Research, Westminster, London, England. Manufacture of aromatic arylsulphonyl and arylene-disulphonyl derivatives of 1:4 naphthylenediamine and its sulphonic acids. 1,442,818; Jan. 23.

Morgan, James C., and C. S. Schroeder, New York, N. Y., assignors, by mesne assignments, to The Yale & Towne Manufacturing Company, Stamford, Conn. Crane. 1,443,376; Jan. 30.

Morgan, James R. (See Barnes, G. C., and Morgan.)

Morgan, Jesse A., San Diego, Calif. Vehicle sign. 1,470,387; Oct. 9.

Morgan, John H., et al. (See Garside, Edmund, assignor.)

Morgan, Leander J., Marion, Ill. Aviator's suit. 1,444,699; Feb. 6.

Morgan, Louis A., Safety Harbor, Fla. Wrench. 1,467,735; Sept. 11.

Morgan, Neil E., Ogdensburg, N. Y. Insecticide. 1,475,445; Nov. 27.

Morgan, Olive E., executrix. (See Morgan, Edmund C.)

Morgan, Porter S., Norwalk, Conn. Shock absorber. 1,472,420; Oct. 30.

Morgan Pump & Motor Corporation. (See Morgan, Robert, assignor.)

Morgan, Ralph L., W. S. Griffith, and E. Churchill, jr., Worcester, assignors, by mesne assignments, to Greenfield Tap and Die Corporation, Greenfield, Mass. Magnetic chuck. 1,451,268; Apr. 10.

Morgan, Rees C., assignor to Bethlehem Steel Company, Bethlehem, Pa. Device for preventing relative rotation of gun cylinders. 1,466,800; Sept. 4.

Morgan, Richard E., Orlando, Fla. Floor clamp. 1,475,851; Nov. 27.

Morgan, Robert, assignor to Morgan Pump & Motor Corporation, New York, N. Y. Pump. 1,449,534; Mar. 27.

Morgan, Robert H., Pittsburgh, Pa. Stationery-vending machine. 1,443,236; Jan. 23.

Morgan, Walter E., Dayton, Tenn. Fastener for basket covers. 1,466,801; Sept. 4.

Morgan, Wilbert H., Brooklyn, N. Y. Drier for photographic prints. 1,457,451; June 5.

Morgan, William. (See Anderson, E. T., and Morgan.)

Morgan, William H., Alliance, Ohio. Metal wheel. 1,440,929; Jan. 2.

Morgan, William H., Alliance, Ohio. Metal wheel. 1,444,261; Feb. 6.

Morgan, William R., Jackson, Mich. Nut-tapping machine. 1,475,711; Nov. 27.

Morgan, Willis H., Connersville, Ind. Cupola-charging hoist. 1,457,450; June 5.

Morgan & Wright. (See Abbott, Adrian O., jr., assignor.)

Morgan & Wright. (See Coe, John P., assignor.)

Morgan & Wright. (See Galpin, G., and Baer, assignors.)

Morgan & Wright. (See Gunn, James N., assignor.)

Morgan & Wright. (See Holmes, Rudolph A., assignor.)

Morgan & Wright. (See Hopkinson, E., and Jury, assignors.)

Morgan & Wright. (See Hoyt, Homer J., assignor.)

Morgan & Wright. (See Jury, Alfred E., assignor.)

Morgan & Wright. (See McNeill, George, assignor.)

Morgan & Wright. (See Mulloy, John H., assignor.)

Morgan & Wright. (See Nesmith, R. H., assignor.)

Morgan & Wright. (See O'Brien, Raymond J., assignor.)

Morgan & Wright. (See Thacher, Sheldon P., assignor.)

Morgan & Wright. (See Tilton, G., and Abbott, assignors.)

Morganstern, Alice, New York, N. Y. Bloomers. 1,470,999; Oct. 16.

Morgenstern, Nathan, Brooklyn, N. Y. Movable eye for stuffed toys. 1,463,832; Aug. 7.

Morgenstern, Samuel, Brooklyn, N. Y. Automobile safety device. 1,448,459; Mar. 13.

Morgner, Carl G., Chicago, Ill. Window screen. 1,471,187; Oct. 16.

Morhoff, Edward W., and C. W. Dobelin, Madison, Wis. Conductor hook. 1,476,764; Dec. 11.

Morhoff, William F., Madison, Wis. Gutter hanger. 1,472,612; Oct. 30.

Mori, Albert H., Brooklyn, N. Y. Float. 1,466,671; Sept. 4.

Moriarty, Daniel F., et al. (See Dewey, Edward H., assignor.)

Morici, Nazarene, Chicago, Ill. Carving or reproducing machine. 1,450,698; Apr. 3.

Morin, Amos. (See Butler, O., and Morin.)

Morin, Urcise A., Fargo, N. Dak. Bread slicer. 1,446,391; Feb. 20.

Morina, Philip, Washington, D. C. Cabinet. 1,455,219; May 15.

Morinelli, Thomas, Philadelphia, Pa. Resilient wheel. 1,445,536; Feb. 13.

Morinsky, Louis, New York, N. Y., assignor, by mesne assignments, to The Cracker Jack Co. Apparatus for moistureproofing packages. 1,461,760; July 17.

Morinsky, Louis, New York, N. Y., assignor of nine-tenths to H. G. Eckstein, jr., Chicago, Ill. Gear-shift mechanism. 1,464,328; Aug. 7.

Morisette, Napoleon W., Coleman Township, Ontario, Canada. Safety clamp for diamond-drill rods. 1,458,906; June 12.

Morison, Donald B., Hartlepool, England. Method of and apparatus for preventing the absorption of air by boiler feed water or other liquid. 1,455,927; May 22.

Morison, Donald B., Hartlepool, England. Cap nut. 1,459,548; June 19.

Morison, Donald B., Hartlepool, England. Feed-water-control system. 1,472,931; Nov. 6.

Moritz, John G., Glassport, Pa. Glass mold. 1,474,329; Nov. 13.

Moritz, Robert F., assignor to Samuel M. Langston Company, Camden, N. J. Cutter head. 1,446,016; Feb. 20.

Morlan, Fred H., Fairfield, Ill. Brake apparatus for motor vehicles. 1,476,170; Dec. 4.

Morland & Impey Limited. (See Horsfield, Walter R., assignor.)

Morley Button Manufacturing Company. (See Donovan, Timothy, assignor.)

Morley, Denys W., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Marking machine. 1,451,709; Apr. 17.

Morley, George W., et al. (See Kemp, Edward, assignor.)

Morley, Mike. (See Sweet, L. L., and Morley.)

Morley, William H., Manchester, N. H. Drip-pan signal. 1,458,663; June 12.

Moron, Alfred L., East Boston, Mass. Milk dispenser. 1,473,499; Nov. 6.

Morpeth, Anthony, Muskegon, Mich. Shade roller. 1,455,145; May 15.

Morris, John H., Birmingham, Ala. Multiple core-making machine. 1,447,683; Mar. 6.

Morral, Samuel E. (See Morral, William W. and S. E.)

Morral, Samuel E. and W. W., Morral, Ohio. Green-corn-husking machine. 1,445,843; Feb. 20.

Morral, Samuel E. and W. W., Morral, Ohio. Butt-removing device. 1,458,142; June 12.

Morral, William W. (See Morral, Samuel E. and W. W.)

Morral, William W. and S. E., Morral, Ohio. Machine for cutting corn from the cob. 1,465,525; Aug. 21.

Morrell, Albert H. (See Wishart, W., and Morrell.)

Morrell, David S., Oldtown, Me. Article holder. 1,471,799; Oct. 23.

Morrell, George, Leominster, Mass. Umbrella tip. 1,445,537; Feb. 13.

Morrell, Jacque C., New York, N. Y. Artificial or synthetic charcoal and producing the same. 1,478,985; Dec. 25.

Morrell, Jacque C., New York, N. Y. Manufacture of artificial charcoal. 1,478,986; Dec. 25.

Morrell, Jacque C., Chicago, Ill. Production of adsorbent charcoal. 1,478,987; Dec. 25.

Morrell, Michael, assignor, by mesne assignments, of one-half to G. S. Carlucci, Brooklyn, N. Y. Automatic oil feeder for silk-coning machines. 1,449,342; Mar. 20.

Morrill, Charles F., Boston, Mass. Fire escape. 1,455,928; May 22.

Morrill, Joseph B., St. Louis, Mo., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,472,485; Oct. 30.

Morrill, Richard R., Palo Alto, Calif., assignor to Oliver Oil-Gas Burner and Machine Company, St. Louis, Mo. Oil burner. 1,452,521; Apr. 24.

Morris-Airey, Harold, and G. Shearing, Portsmouth, and S. R. Mullard, Southfields, London, England. Thermionic valve. 1,447,481; Mar. 6.

Morris, Alexander, and E. H. Houtz, San Francisco, Calif. Motor-vehicle top. 1,475,852; Nov. 27.

Morris, Andrew, Powell River, British Columbia, Canada. Level. 1,448,031; Mar. 13.

Morris, Archibald W., Russel Pocket, Kulara, via Cairns, Queensland, Australia. Lock. 1,459,234; June 19.

Morris, Arthur H., Newark, N. J. Adjustable tool head. 1,468,827; Sept. 25.

Morris, B Frederick C., Oklahoma, Okla. Animal poke. 1,449,535; Mar. 27.
Morris Can Closure Company. (See Harris, F. R., and Hollander, assignors.)
Morris, Carroll E., Grimes, Calif. Direction indicator for motor vehicles. 1,472,186; Oct. 30.
Morris, Charles W., Laramie, Wyo. Oil-well bailer. 1,461,365; July 10.
Morris, Columbus H., Kannapolis, N. C. Stop mechanism for carding machines. 1,450,044; Mar. 27.
Morris & Company. (See Genung, Charles E., assignor.)
Morris, David E. and T. T., What Cheer, Iowa. Lock. 1,449,909; Mar. 27.
Morris, Edward D., Chicago, Ill. Seam presser for shoe uppers. 1,452,251; Apr. 17.
Morris, Francis A., assignor to Bachmann Bros., Philadelphia, Pa. Spectacle hinge. 1,467,946; Sept. 11.
Morris, Fred C., assignor of one-half to A. A. Rector, San Francisco, Calif. Brake-band silencing pad. 1,470,864; Oct. 16.
Morris, Fred M., Pascagoula, Miss. Hitch. 1,465,168; Aug. 14.
Morris, Frederick C., Sydney, Nova Scotia, Canada. Dough cutter. 1,446,513; Feb. 27.
Morris, George. (See Lutz, Herbert, assignor.)
Morris, George H., Macon, Ga. Device for preventing the accumulation of moisture upon the windshields of automobiles and the like. 1,441,238; Jan. 9.
Morris, George T., assignor of one-half to E. J. Adams, Missoula, Mont. Adjustable doorstop. 1,472,531; Oct. 30.
Morris, George T., assignor of one-third to F. Madsen and one-third to H. L. Shapard, Missoula, Mont. Ventilating cover for containers. 1,469,169; Sept. 25.
Morris, Harry, Chicago, Ill. Hand bag. Des. 61,859; Jan. 30.
Morris, Harry, Chicago, Ill. Hand bag. Des. 61,860; Jan. 30.
Morris, Harry, Chicago, Ill. Clasp for hand bag. Des. 61,861; Jan. 30.
Morris, Harry F., Collingswood, N. J. Furnace grate. 1,443,496; Jan. 30.
Morris, Henry, assignor to The Western Tool & Manufacturing Company, Springfield, Ohio. Dressing tool for emery wheels. 1,457,452; June 5.
Morris, Henry F., Collingswood, N. J. Sectional water grate. 1,456,521; May 29.
Morris, James B., Nashville, Tenn. Tool for removing valves. 1,463,130; July 24.
Morris, Jasper N., Hattiesburg, Miss. Universal joint. 1,456,329; May 22.
Morris, John. (See Hayden, J. B., Morris, and George.)
Morris, John W. (See Faidley, W. D., jr., Morris, and Patterson.)
Morris, Joseph F., West Lafayette, Ind. Wash machine. 1,442,695; Jan. 16.
Morris, Leigh W. (See Stoms, Marion W., assignor.)
Morris, Louis R., Taft, Calif. Shaft drive for combination drilling and well pulling. 1,456,186; May 22.
Morris, M. E. (See Elliott, James F., assignor.)
Morris, Maynard D., Winnipeg, assignor of one-half to J. J. Howe, Dauphin, Manitoba, Canada. Breaker-arm synchronizer. 1,453,635; May 1.
Morris, Octavius J., assignor of one-half to F. C. Barks, New Orleans, La. Ice-making apparatus. 1,465,280; Aug. 21.
Morris Paper Mills. (See Leopold, Samuel N., assignor.)
Morris Paper Mills. (See Moyer, Charles L., assignor.)
Morris, Scott. (See Nichols, Roland A., assignor.)
Morris, Shiras, assignor to The Hart & Hegeman Manufacturing Company, Hartford, Conn. Actuator for electric appliances. 1,446,652; Feb. 27.
Morris, Stanley S., New Orleans, La. Combination clock stand and pad support. Des. 62,535; June 19.
Morris, Thomas C., Harrisville, W. Va. Valve for tanks, etc. 1,457,743; June 5.
Morris, Thomas J., Richmond, Va. Umbrella. 1,460,821; July 3.
Morris, Thomas T. (See Morris, David E. and T. T.)
Morris, William, Cleveland, Ohio. Valve-operating mechanism. 1,448,145; Mar. 13.
Morris, William J., Memphis, Tenn. Crate. 1,446,100; Feb. 20.
Morris, William T., Brooklyn, N. Y., assignor to American Chain Company, Inc. Automobile bumper. 1,461,431; July 10.
Morrisey, William J., Los Angeles, Calif. Toy. Des. 62,241; Apr. 24.
Morrison, Abraham, Worcester, Mass. Mop. 1,454,940; May 15.
Morrison, Allen, Sign Co. (See Hudson, William L., assignor.)
Morrison, Benjamin R., assignor to G. K. Patterson, Wilmington, N. C. Toothbrush container. 1,448,231; Mar. 13.
Morrison, Charles C., New York, N. Y. Goods container. 1,464,827; Aug. 14.
Morrison, Charles H. W., assignor to M. & P. Enterprises Limited and W. H. Peak, London, England. Electric heater. 1,456,141; May 22.
Morrison, Charles M., Harrisburg, Pa. Motor-vehicle transmission. 1,446,392; Feb. 20.
Morrison, Charles N., assignor to The Dow Chemical Company, Midland, Mich. Furnace. 1,473,831; Nov. 13.
Morrison, Charles S., Elkins Park, assignor to Proctor & Schwartz, Inc., Philadelphia, Pa. Toggle. 1,455,596; May 15.
Morrison, Charley M., Gladbrook, Iowa. Coffee urn. 1,444,262; Feb. 6.
Morrison, Hackley, Richmond, Va. Safety device for pipe-cutting machines. 1,457,992; June 5.
Morrison, Hackley, Richmond, Va. Pipe-end-finishing tool. 1,466,409; Aug. 28.
Morrison, James. (See Steiner, H. W., Shipley, and Morrison.)
Morrison, James, assignor to The Trailmoble Company, Cincinnati, Ohio. Semitrailer. 1,441,292; Jan. 9.
Morrison, James, assignor to The Trailmobile Company, Cincinnati, Ohio. Semitrailer jack. 1,475,592; Nov. 27.
Morrison, James, assignor to The Highland Body Manufacturing Company, Cincinnati, Ohio. Vehicle body and the like. 1,451,626; Apr. 10.
Morrison, James W., and T. W. Holt, Stalcybridge, England. Doubling, twisting, and winding and such like machine. 1,458,495; June 12.
Morrison, John, Troy, N. Y. Brush. 1,444,202; Feb. 6.
Morrison, John, jr., Glens Falls, N. Y. Brush. 1,474,979; Nov. 20.
Morrison, John A., Spokane, Wash. Exit light. 1,469,946; Oct. 9.
Morrison, John A., Mansfield, Ohio. Lifting jack. 1,476,096; Dec. 4.
Morrison, John C., Detroit, Mich. Preparing peat. 1,450,107; Mar. 27.
Morrison, Lewis E., Newark, N. J., assignor to himself and S. H. Plum, 2d, Madison, N. J. Printing machine. 1,476,829; Dec. 11.
Morrison, Montford, New York, N. Y. Rectifier for electric currents. 1,466,541; Aug. 28.
Morrison, Oscar P., Gomez, Tex. Incubator attachment. 1,440,743; Jan. 2.
Morrison, Ralph W., Omaha, Nebr. Phonograph. 1,457,313; June 5.
Morrison, Robert A., and F. L. Oswald, Portland, Oreg. Ironing board. 1,450,986; Apr. 10.
Morrison, Simon, New York, N. Y. Combination vanity box. 1,455,647; May 15.
Morrison, Thomas H., Chicago, Ill. Weighted pendant. 1,448,811; Mar. 20.
Morrison, Thomas J., New York, N. Y. Key-chain reel. 1,465,281; Aug. 21.
Morrison, Tom, Toledo, Ohio, assignor of one-half to M. Shuer and A. Hattner, Toledo, Ohio. Self-heating tool for asphalt pavements. 1,455,648; May 15.
Morrison, Vaughn E., assignor of one-half to C. F. Beckwith, Detroit, Mich. Fuel economizer. 1,463,481; July 31.
Morrison, William E., and K. Korpelaninen, assignors to H. W. Cooper, Harrisburg, Pa. Artificial leg. 1,459,235; June 19.
Morrissey, Edmund H., Alton, Ill. Attachment for shoe-stitching machines. 1,447,597; Mar. 6.
Morrissey, Lilly S., Richmond Heights, Mo. Water-shedding compound for glass windshields. 1,466,888; Sept. 4.
Morrow, Howard W., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Pin puller. 1,474,159; Nov. 13.
Morrow, James A., Wichita Falls, Tex. Spring wheel. 1,450,748; Apr. 3.
Morrow, John B., Harrisburg, Pa. Pressure regulator and cut-off. 1,450,893; Apr. 3.
Morsdoff, Richard, West Hoboken, N. J. Cutting tool. 1,469,945; Oct. 9.
Morse, Alan L., Arlington, Mass. Resilient wheel. 1,446,922; Feb. 27.
Morse, Albert W., Forest Hills, N. Y. Burner. 1,457,849; June 5.
Morse, Albert W., Forest Hills, N. Y. Liquid and gas mixer. 1,474,603; Nov. 20.
Morse, Albert W., Long Island City, N. Y. Nebulizer of liquids. 1,472,486; Oct. 30.
Morse, Albert W., Long Island City, N. Y. Hand-operated pump. 1,478,485; Dec. 25.
Morse, Albert W., Forest Hills, assignor to The Anthony Company, Long Island City, N. Y. Nebulizer of liquids. 1,468,370; Sept. 18.
Morse, Alonzo C., and H. R. Lewis, jr., Shelby, Ohio. Seamless-tube drawing. 1,450,699; Apr. 3.
Morse, Benjamin, New York, N. Y. Hose supporter. 1,458,353; June 12.
Morse Chain Company. (See Morse, Frank L., assignor.)
Morse, Charles S., Roland Park, assignor to Baltimore Tube Company, Inc., Baltimore, Md. Method and means for billet casting. 1,466,738; Sept. 4.
Morse, Chester H., Taunton, Mass. Liquid-measuring apparatus. 1,467,058; Sept. 4.
Morse, Clyde S., De Kalb, Ill. Sash lock. 1,462,977; July 24.
Morse, Clyde V., Galesburg, Ill. Pump. 1,470,863; Oct. 16.
Morse, Errett L., assignor to White Brass Castings Company, Chicago, Ill. Timer for ignition systems. 1,474,376; Nov. 20.

Morse, Francis J., Norwich, England. Aircraft. 1,455,801; May 22.
Morse, Frank L., Ithaca, N. Y., assignor to Morse Chain Company. Power chain. 1,469,391; Oct. 2.
Morse, Fred, New Haven, Conn. Life belt. 1,460,430; July 3.
Morse, Harry W., Stanford University, assignor to West End Chemical Company, Oakland, Calif. Concentrating brines. 1,468,389; Sept. 18.
Morse, Harry W., Stanford University, assignor to West End Chemical Company, Oakland, Calif. Concentrating brines. 1,468,390; Sept. 18.
Morse Instrument Company Inc. (See Morse, Robert V., assignor.)
Morse, John P., Purley, England. Fastening. 1,466,597; Aug. 28.
Morse, Mark S., Los Angeles, Calif., assignor to Magnetic Signal Co. Coil cut-out for wigwag signals. 1,477,889; Dec. 18.
Morse, Robert V., Ithaca, N. Y. Direct-fire-control system. 1,441,535; Jan. 9.
Morse, Robert V., assignor to Morse Instrument Company, Inc., Ithaca, N. Y. Lead control system for anti-aircraft artillery. 1,445,028; Feb. 13.
Morse, William F., assignor to S. R. Parry, Rochester, N. Y. Clutch. 1,459,851; June 26.
Morse, William J., Attleboro, Mass. Belt buckle. Des. 62,847; Aug. 7.
Morse, William J., Attleboro, Mass. Belt buckle. Des. 62,848; Aug. 7.
Morse, William J., Attleboro, Mass. Belt buckle. Des. 62,849; Aug. 7.
Morse, William S., Detroit, Mich. Counterbore. 1,465,612; Aug. 21.
Morson, William C. T. (See Kehoe, J. J., and Morson.)
Mort, Clyde E. (See Chapman, I. S., and Mort.)
Mortensen, Arlington P., Provo, Utah, assignor of one-tenth to T. H. Dudley, Santa Monica, Calif. Beet topper. 1,466,889; Sept. 4.
Mortensen, Niels L., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Motor control. 1,448,563; Mar. 13.
Mortensen, Niels L., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Controller for electric motors. 1,449,239; Mar. 20.
Mortensen, Niels L., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Controller for driven machines. 1,477,840; Dec. 18.
Mortensen, Soren H., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Dynamo-electric machine. 1,450,902; Apr. 3.
Morterud, Einar, Torderod, near Moss, assignor to A/S Cellulosepatenter, Christiania, Norway. Digesting wood pulp. 1,478,614; Dec. 25.
Mortimer, Charles W. (See Snyder, E. R., and Mortimer.)
Mortimer, Louis A., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,461,221; July 10.
Morton, Albert H., Lowell, Mass. Pick counter for looms. 1,478,903; Dec. 25.
Morton, Benjamin W., Williston, Fla. Plow attachment for tractors. 1,447,221; Mar. 6.
Morton, Benjamin W., Williston, Fla. Plow attachment for tractors. 1,456,815; May 29.
Morton, Benjamin W., Williston, Fla. Wheeled tractor. 1,456,816; May 29.
Morton, Benjamin W., Williston, Fla. Plow attachment for tractors. 1,456,817; May 29.
Morton, Benjamin W., Williston, Fla. Wheeled tractor. 1,456,818; May 29.
Morton, Benjamin W., Williston, Fla. Colter attachment for tractors. 1,456,819; May 29.
Morton, Cavendish. (See Rathbone, R. L. B., and Morton.)
Morton, Charles D., assignor to Morton Filter Process Co., New York, N. Y. Separation and filter system and apparatus. 1,450,560; Apr. 3.
Morton, Dudley J., Milford, Conn. Statuette. Des. 62,230; Apr. 17.
Morton Filter Process Co. (See Morton, Charles D., assignor.)
Morton, Frank, Muskogee, Okla. Ventilating storage bin. 1,474,683; Nov. 20.
Morton, Fred S., Worcester, Mass. Sheet-metal wheel or roller. 1,444,881; Feb. 13.
Morton, Gust O., Rockford, Ill. Length-determining device for drying forms. 1,471,501; Oct. 23.
Morton, Harold A., and M. M. Harrison, assignors to The Miller Rubber Company, Akron, Ohio. Patch and making same. 1,478,576; Dec. 25.
Morton, Henry E., Muskegon, Mich. Magnetic chuck. 1,471,624; Oct. 23.
Morton, John A., Williston, Tenn. Sanitary milk and butter cooler. 1,459,184; June 19.
Morton, Joseph B., Dayton, Ohio. Sanitary bottle holder. 1,464,578; Aug. 14.
Morton, Robert F. (See Aucker, A. K., and Morton.)
Morton, William A., Pittsburgh, Pa. Burner for furnaces. 1,475,194; Nov. 27.
Morton, William R., assignor of one-half to V. R. Griggs, Havre, Mont. Shock absorber. 1,452,568; Apr. 24.
Morykwas, Tephan, Hoboken, N. J. Portable dark room. 1,446,762; Feb. 27.
Morylin, Sam, Bolivar, Pa. Rail joint. 1,459,682; June 19.
Mosauer, Harry D., New York, N. Y., and L. Laub, Newark, N. J. Dice. 1,453,762; May 1.
Moscicki, Ignacy, Lwow, Poland. Treating bitumen or cellulose-containing substances. 1,455,546; May 15.
Moseley, Earl, Aurora, Ill. Rake. 1,444,001; Feb. 6.
Moseman, John H. (See Bonine, C. E., and Stauffer, assignors.)
Moser, Aurelius B., Oroville, Calif. Container holder. 1,446,717; Feb. 27.
Moser, Robert W., Robbinsdale, Minn. Apparatus for treating sand and gravel. 1,461,067; July 10.
Moses, Edmund Q., New York, N. Y., and R. H. Plass, Upper Montclair, N. J., said Plass assignor to said Moses. Safety brake-operating mechanism. 1,449,831; Mar. 27.
Moses, Frank D., Trenton, N. J. Valve control. 1,467,059; Sept. 4.
Moses, George H. (See Purvis, J. R., and Moses.)
Moses, Max H., San Francisco, Calif. Motor-vehicle fender. 1,443,085; Jan. 23.
Moses, William B., Portland, Me. Electric starting and generating apparatus. 1,456,033; May 22.
Moses, William S., Onamia, Minn. Instrument for the survey and solution of plane triangles in field work. 1,453,078; Apr. 24.
Mosey, Clarence K. (See Mosey, George W. and C. K.)
Mosey, George W. and C. K., Seattle, Wash. Valve-tappet silencer. 1,454,453; May 8.
Mosher, George W., Newport, Ky. Fly screen. 1,445,155; Feb. 13.
Moshier, William J., Rochester, N. Y. Match-igniting device. 1,462,978; July 24.
Mosier, Frank M. (See Gutridge, L. A., and Mosier.)
Moskowitz, Max. (See Needle, Morris Y., assignor.)
Mosler Lock Company. (See Benham, William T., assignor.)
Mosler, Moses, New York, N. Y., and C. Bartels, assignors to Mosler Safe Company, Hamilton, Ohio. Safe, safe cabinet, and similar fire-resisting structures. 1,441,874; Jan. 9.
Mosler, Moses, New York, N. Y., and C. Bartels, Hamilton, Ohio, assignors to The Mosler Safe Company, New York, N. Y. Safe. 1,464,213; Aug. 7.
Mosler Safe Company, The. (See Bartels, Carl, assignor.)
Mosler Safe Company, The. (See Goldsmith, G. M., and Bartels, assignors.)
Mosler Safe Company. (See Mosler, M., and Bartels, assignors.)
Mosley, Elzie V., assignor to N. J. James and M. R. Reed, Caroleen, N. C. Battery feed for automatic looms. 1,466,542; Aug. 28.
Mosley, Frank E., Glasgow, Scotland. Apparatus for controlling the operation of a talking machine or machines in timed relation to a cinematographic machine. 1,464,329; Aug. 7.
Mosmann, Reinhard, St. Gallen, Switzerland. Electrically-driven sound-reproducing machine. 1,455,262; May 15.
Moss, Austin D., Sistersville, W. Va. Combination chair, swing, and hammock. 1,469,674; Oct. 2.
Moss, Charles, New York, N. Y. Attaching device for non-skid chains. 1,456,071; May 22.
Moss, Charles, New York, N. Y. Clasp or connecting device. 1,459,310; June 19.
Moss, Charles, New York, N. Y. Antislipping attachment for vehicle wheels. 1,460,822; July 3.
Moss, John J., Chicago, Ill. Telephone support. 1,462,240; July 17.
Moss, Joseph. (See Rosenberg, W., and Moss.)
Moss, Joseph, assignor to Woonsocket Machine & Press Co., Inc., Woonsocket, R. I. Machine for preparing fibrous material. 1,442,534; Jan. 16.
Moss, Joseph, assignor to Woonsocket Machine & Press Co. Inc., Woonsocket, R. I. Cotton-preparing machine and the like. 1,443,922; Jan. 30.
Moss, Joseph, assignor to Woonsocket Machine & Press Co. Inc., Woonsocket, R. I. Cotton-preparing machine and the like. 1,444,516; Feb. 6.
Moss, Joseph, assignor to Woonsocket Machine & Press Co., Inc., Woonsocket, R. I. Cotton-preparing machine and the like. 1,447,684; Mar. 6.
Moss, Nathan. (See Soylian, George, assignor.)
Moss, Sanford A., Lynn, Mass., assignor to General Electric Company. Cooling system for internal-combustion engines or the like. 1,456,072; May 22.
Moss, W. E., et al. (See Wood, Charles R., assignor.)
Moss, Walter E., et al. (See Wood, Charles R., assignor.)
Mossay, Paul A. H., and H. C. E. Jacoby, London, England. Cooling of dynamo-electric machines. 1,453,159; Apr. 24.
Mossberg, Frank, assignor to Mossberg Pressed Steel Corporation, Attleboro, Mass. Stropper. 1,441,536; Jan. 9.
Mossberg, Frank, assignor to Mossberg Pressed Steel Corporation, Attleboro, Mass. Making beam heads. 1,444,002; Feb. 6.
Mossberg, Frank, assignor to Mossberg Pressed Steel Corporation, Attleboro, Mass. Razor. 1,450,604; Apr. 3.

Mossberg, Frank, assignor to Mossberg Pressed Steel Corporation, Attleboro, Mass. Spool. 1,465,585; Aug. 21.
Mossberg, Frank, assignor to Mossberg Pressed Steel Corporation, Attleboro, Mass. Beam head. 1,465,586; Aug. 21.
Mossberg, Frank, assignor to Mossberg Pressed Steel Corporation, Attleboro, Mass. Beam head. 1,465,587; Aug. 21.
Mossberg, Frank, assignor to Mossberg Pressed Steel Corporation, Attleboro, Mass. Beam head. 1,465,588; Aug. 21.
Mossberg, Frank, assignor to Mossberg Pressed Steel Corporation, Attleboro, Mass. Beam head. 1,473,681; Nov. 13.
Mossberg, Frank, assignor to Mossberg Pressed Steel Corporation, Attleboro, Mass. Picker stick. 1,477,584; Dec. 18.
Mossberg, Frank, Company. (See Tuttle, Walter I., assignor.)
Mossberg Pressed Steel Corporation. (See Mossberg, Frank, assignor.)
Mossi, Charles B., Brooklyn, and H. A. Chevola, New York, N. Y. Balanced oven door. 1,468,391; Sept. 18.
Mossner, Peter C., Saginaw, Mich. Folding washbench. 1,473,195; Nov. 6.
Motala Verkstads Nya Aktiebolag. (See Von Porat, Karl H. V., assignor.)
Mote, John E., Dayton, Ohio. Resilient vehicle tire. 1,453,804; May 1.
Mothersill, Thomas B. (See Grikscheit, William, assignor.)
Motion Picture Improvement Company. (See Holman, Arthur J., assignor.)
Motoki, Mitsujiro, and C. Yagi, Tokyo-Fu, Japan. Pneumatic tire. 1,464,085; Aug. 7.
Motor Ignition & Devices Company. (See Milton, John L., assignor.)
Motor Products Corporation. (See Diederich, Paul E., assignor.)
Motor Products Corporation. (See Kellogg, Homer G., assignor.)
Motor Products Corporation. (See Pritchard, William S., assignor.)
Motor Products Corporation. (See Seeley, Halstead H., assignor.)
Motor Starter & Air Pump Company. (See Beam, Edwin C., assignor.)
Mott, Abram C., jr., assignor to Abram Cox Stove Company, Philadelphia, Pa. Damper. 1,441,107; Jan. 2.
Mott, Abram C., jr., assignor to Abram Cox Stove Company, Philadelphia, Pa. Smoke-consuming furnace. 1,447,806; Mar. 6.
Mott, Carl W., Chicago, Ill., assignor to International Harvester Company. Carburetor. 1,440,930; Jan. 2.
Mott, Carl W., assignor to Fort Dearborn Manufacturing Co., Sterling, Ill. Engine. 1,464,996; Aug. 14.
Mott, Samuel D., Passaic, N. J. Time-controlled combination circuit lock. 1,448,564; Mar. 13.
Motta, Salvatore, New York, N. Y. Gun-equipped aeroplane. 1,466,143; Aug. 28.
Motte, Charles M., Paris, France. Propeller for vessels. 1,441,519; Jan. 9.
Motte, Charles M., Paris, France. Propeller for vessels. 1,454,180; May 8.
Motter, William N., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Speed-control system. 1,476,997; Dec. 11.
Mottlau, August J., assignor to A. Mecky Company, Philadelphia, Pa. Spring washer for coaster brakes. 1,467,873; Sept. 11.
Motto, Charles E. (See Powell, E. L., and Motto.)
Moulden, George W. (See McCoy, Elijah, assignor.)
Moulder, Harry G., Kansas City, Mo. Amusement device. 1,463,290; July 31.
Moulton, Adrian, Devonport, Auckland, New Zealand. Collapsible crate or case. 1,471,524; Oct. 23.
Moulton, Harley C., Medford, Mass., assignor, by mesne assignments, to L. M. Stein, Chicago, Ill. Blindstitch-piping machine. 1,464,997; Aug. 14.
Moulton, Harley C., Dorchester, Mass., assignor, by mesne assignments, to L. M. Stein, Chicago, Ill. Work-presenting mechanism for sewing machines. 1,469,675; Oct. 2.
Moulton, Harley C., Dorchester, Mass., assignor, by mesne assignments, to L. M. Stein, Chicago, Ill. Feeding mechanism for sewing machines. 1,469,676; Oct. 2.
Moulton, Harold R., and E. D. Tillyer, assignors to American Optical Company, Southbridge, Mass. Making two-part lenses. 1,449,343; Mar. 20.
Mt. Carmel Manufacturing Company, The. (See Somers, William A., assignor.)
Mount, R. S., and F. C. Winkle, Lebanon, Mo. Battery cover. 1,445,538; Feb. 13.
Mountain, Thomas O., El Paso, Tex. Valve. 1,467,447; Sept. 11.
Mountford, William J., Macon, assignor of one-half to J. D. Bowden, Atlanta, Ga. Securing shingles to roofs. 1,463,482; July 31.
Mountford, William S. (See Dubilier, W., and Mountford.)
Mousseau, Charles A., Pittsburgh, Pa. Cross chain for antiskid chains. 1,467,188; Sept. 4.
Moussette, Oliver J., Richmond Hill, N. Y. Crusher. 1,463,921; Aug. 7.
Moussette, Oliver J., Richmond Hill, N. Y. Crusher. 1,467,189; Sept. 4.
Moussong, Andor. (See Lüske, K., and Moussong.)
Moussong, Paul. (See Lüske, K., and Moussong.)
Moutray, Van O., Muskogee, Okla. Tire filler. 1,453,884; May 1.
Mowen, Frederick D., Plainfield, N. J. Fuel vaporizing and mixing mechanism. 1,472,665; Oct. 30.
Mowrer, Charles L., Hagerstown, Md. Undergarment. 1,473,500; Nov. 6.
Mowry, Edward, Rock Falls, Ill., assignor to International Harvester Company. Windrow loader. 1,467,392; Sept. 11.
Mowry, Edward, and P. Kane, Sterling, Ill., assignors, by mesne assignments, to International Harvester Company. Combined side-delivery rake and tedder. 1,448,812; Mar. 20.
Mowry, Lloyd N., and E. Lovig, St. Petersburg, Fla. Salt shaker. 1,446,101; Feb. 20.
Mowry, William F., Wallingford, assignor to International Silver Company, Meriden, Conn. Spoon or similar article. Des. 62,091; Mar. 13.
Moxey, James A., Chicago, Ill., assignor to International Harvester Company. Adjustable reach bar. 1,471,346; Oct. 23.
Moxham, Arthur J., New York, N. Y. Obtaining purified iron from its ores. 1,472,131; Oct. 30.
Moyen, Alphonse, Edmonton, Alberta, Canada. Hose coupling. 1,446,057; Feb. 20.
Moyer, Arlington C. (See Wirrer, G., and Moyer.)
Moyer, Charles L., assignor to Morris Paper Mills, Chicago, Ill. Machine for forming box blanks. 1,456,248; May 22.
Moyer, Charles L., assignor to Morris Paper Mills, Chicago, Ill. Machine for forming box blanks. 1,456,249; May 22.
Moyer, Fredellia H., Johnstown, Pa. Demountable rim for vehicle wheels. 1,470,240; Oct. 9.
Moyer, John B., Lucas, S. Dak. Valve-spring lifter. 1,440,885; Jan. 2.
Moyer, Joseph B., New Britain, Conn. Strip-coiling machine. 1,477,228; Dec. 11.
Moyer, Virgil W., and R. V. McMullen, Pawhuska, Okla. Temper screw. 1,444,517; Feb. 6.
Moylan, Edward M., Boston, Mass. Razor-blade holder. 1,462,210; July 17.
Moyle, Edward H., Los Angeles, Calif. Grinding mill for rocks, ores, and like material. 1,477,376; Dec. 11.
Moyle, Edward H., assignor of one-half to O. M. Souden, Los Angeles, Calif. Bill ironer and sterilizer. 1,461,252; July 10.
Moyna, Arthur, East San Gabriel, Calif. Gopher trap. 1,445,602; Feb. 13.
Moynihan, Eugene J., Springfield, Mass. Fuel-oil burner. 1,478,136; Dec. 18.
Much, Edward J., Florence, Kans. Fishing tool. 1,443,636; Jan. 30.
Muchenberger, John A., et al. (See Kearby, Earl J., assignor.)
Muchka, Josef, Vienna, Austria. Conveyance of highly-inflammable liquids. 1,456,820; May 29.
Muchow, William M., Evanston, Ill. Spring tweezers. 1,443,086; Jan. 23.
Muchow, William M., assignor to Flossy Dental Mfg. Co., Evanston, Ill. Dentist's drill cleaner. 1,467,874; Sept. 11.
Mudd, Rolla E., Chicago, Ill. Liquid-reserve device. 1,469,947; Oct. 9.
Mudge & Company (See Bender, George W., assignor.)
Mudge & Company. (See Borden, Edward R., assignor.)
Mudge & Company. (See De Brun, Frank H., assignor.)
Mudge & Company. (See Vanatta, Jean K., assignor.)
Mudge, Nina S., administratrix. (See Mudge, James D.)
Mudge, James D., deceased, Seattle, Wash.; N. S. Mudge, administratrix. Turbine or centrifugal vacuum pump device. 1,457,121; May 29.
Mueck Auto Body Company, The. (See Mueck, Frank J., assignor.)
Mueck, Frank J., assignor to The Mueck Auto Body Company, St. Louis, Mo. Vehicle body. 1,459,740; June 26.
Muehl, William F., Kansas City, Mo. Apparatus for converting hydrocarbon oils. 1,444,128; Feb. 6.
Muehl, William F., Kansas City, Mo. Converting hydrocarbon oils. 1,444,129; Feb. 6.
Muehlbaecher, Edward, Los Angeles, Calif. Finishing art goods. 1,470,182; Oct. 9.
Muehlberg, Karl O., Manitowoc, Wis. Apparatus for resurfacing bearings. 1,470,635; Oct. 16.
Muehle, Herman, Cleveland, Ohio. Fastening device. 1,452,981; Apr. 24.
Muehleisen, Adolph and G. C., San Diego, Calif. Tent. 1,449,689; Mar. 27.
Muehleisen, Grover C. (See Muehleisen, Adolph and G. C.)
Muehleisen, Thomas, San Diego, assignor of one-third to C. Musch, Fullerton, Calif. Water-heater mechanism. 1,451,551; Apr. 10.
Muehlhauser, Martin W., assignor of one-half to S. W. Scofield, Cleveland, Ohio. Automatic guard for grinding wheels. 1,447,996; Mar. 13.

Muelberger, Walter, Maplewood, N. J., assignor to Nathan & Cohen Co. Inc., New York, N. Y. Textile fabric. Des. 63,192; Oct. 30.
Mueller, Adolph. (See Wilkins, James M., assignor.)
Mueller, Adolph, trustee. (See Mueller, Philip, assignor.)
Mueller, Adolph, trustee. (See Mueller, P., and Schuermann, assignors.)
Mueller, August J., Chicago, Ill. Wall construction. 1,456,330; May 22.
Mueller, Augusto E., assignor of one-half to J. H. Jarvin, Chicago, Ill. Occupant-propelled sled. 1,457,591; June 5.
Mueller, Edward C., assignor to Sterling Wheelbarrow Company, West Allis, Wis. Radial drill press. 1,447,317; Mar. 6.
Mueller Engineering Company. (See Mueller, Frank, assignor.)
Mueller, Frank, assignor to Mueller Engineering Company, Scranton, Pa. Accelerator. 1,447,807; Mar. 6.
Mueller, Frank, assignor to Mueller Engineering Company, Scranton, Pa. Hood clamp. 1,456,396; May 22.
Mueller, Frederick E., Mount Vernon, assignor to The Norma Company of America, Long Island City, N. Y. Unitary sheet-metal incased bearing. 1,444,751; Feb. 6.
Mueller, Frederick O., St. Louis, Mo., assignor, by mesne assignments, to Burroughs Adding Machine Company. Calculating machine. 1,444,478; Feb. 6.
Mueller, George E., Aurora, Ill., assignor, by mesne assignments, to Kellogg Switchboard & Supply Company. Automatic telephone system. 1,458,907; June 12.
Mueller, Henry A., Stockholm, Sweden. Briquetting sawdust, peat, coal dust, and similar pulverous substances. 1,453,988; May 1.
Mueller, Jacob L., York, Pa. Chain-welding machine. 1,463,714; July 31.
Mueller, John G., Dayton, Ohio. Railway-rail brace. 1,472,225; Oct. 30.
Mueller, John G., C. A. Granzow, and H. M. Granzow, Dayton, Ohio. Lubricating cup. 1,455,849; May 22.
Mueller, L. J., Furnace Company. (See Buller, Charles M., assignor.)
Mueller, L. J., Furnace Company. (See Runnion, Don V., assignor.)
Mueller, Lawrence A., Kankakee, Ill. Trap-drum support. 1,450,732; Apr. 3.
Mueller, Lawrence A., Kankakee, Ill., assignor to Leedy Manufacturing Co., Indianapolis, Ind. Bass drum and cymbal beater. 1,445,639; Feb. 20.
Mueller, Paul, Ashton, Iowa. Egg-candling device. 1,454,685; May 8.
Mueller, Philip, assignor to A. Mueller, trustee, Decatur, Ill. Shell cutter and drill for drilling machines. 1,441,994; Jan. 9.
Mueller, Philip, assignor to A. Mueller, trustee, Decatur, Ill. Compression cock. 1,452,811; Apr. 24.
Mueller, Philip, assignor to A. Mueller, trustee, Decatur, Ill. Float-valve-operating mechanism. 1,457,314; June 5.
Mueller, Philip, assignor to A. Mueller, trustee, Decatur, Ill. Flush valve for tanks. 1,457,315; June 5.
Mueller, Philip, Decatur, Ill., assignor to A. Mueller, trustee, Decatur, Ill. Service clamp. 1,459,030; June 19.
Mueller, Philip, assignor to A. Mueller, trustee, Decatur, Ill. Multiple-meter-tester apparatus. 1,462,718; July 24.
Mueller, Philip, and A. C. Schuermann, assignors to A. Mueller, trustee, Decatur, Ill. Receptacle-actuated cock. 1,441,995; Jan. 9.
Mueller, Philip, and A. C. Schuermann, assignors to A. Mueller, trustee, Decatur, Ill. Adjustable lavatory combination fixture. 1,447,808; Mar. 6.
Mueller, Philip, and A. C. Schuermann, assignors to A. Mueller, trustee, Decatur, Ill. Integral stop. 1,463,370; July 31.
Mueller, Philip, and A. C. Schuermann, assignors to A. Mueller, trustee, Decatur, Ill. Means for flanging soft-metal pipes. 1,472,278; Oct. 30.
Mueller, William, Fredericksburg, Tex. Jar closure. 1,468,208; Sept. 18.
Mueller, William N., Fredericksburg, Iowa. Milking machine. 1,458,237; June 12.
Muend, Charles J., Philadelphia, Pa., assignor to Haines, Jones & Cadbury Incorporated. Faucet. Des. 62,740; July 24.
Muenzmay, Joseph. (See Grimes, W. N., and Muenzmay.)
Mueser, Charles, Arlington, N. J. Pump. 1,445,844; Feb. 20.
Muffly, Glenn. (See Carroll, Louis W., assignor.)
Mugdan, Martin, and W. Herrmann, assignors to Consortium für Elektrochemische Industrie G. m. b. H., Nuremberg, Germany. Manufacture of ethyl acetate. 1,459,852; June 26.
Muhleisen, Henry W., assignor to W. S. Rush & Co., Los Angeles, Calif. Brake. 1,459,237; June 19.
Muhlenbruch, Fred W., Bergenfield, N. J. Hinge. 1,467,190; Sept. 4.
Muhlfeld, John E., Scarsdale, and V. Z. Caracristi, Bronxville, N. Y. Locomotive. 1,449,536; Mar. 27.
Muhlfeld, John E., Scarsdale, and V. Z. Caracristi, Bronxville, N. Y., assignors to Locomotive Pulverized Fuel Company, New York, N. Y. Furnace and means for feeding fuel thereto. 1,441,703; Jan. 9.
Muhlfeld, John E., Scarsdale, and V. Z. Caracristi, Bronxville, assignors to Locomotive Pulverized Fuel Company, New York, N. Y. Fuel-feeding apparatus. 1,454,979; May 15.
Muhlfeld, John E., Scarsdale, and V. Z. Caracristi, Bronxville, assignors to Locomotive Pulverized Fuel Company, New York, N. Y. Burning pulverized fuel. 1,460,916; July 3.
Mühlow, Jöns, Malmo, Sweden. Base for posts, flagstaffs, and the like. 1,463,715; July 31.
Muir, Charles S., Chevy Chase, Md. Game board. Des. 63,309; Nov. 20.
Muir, Herbert, Louisville, Ky. Watch-holding device. 1,476,211; Dec. 4.
Muir, William F., Fresno, Calif. Drain board for sinks. 1,462,178; July 17.
Mukai, Kichimatsu, San Francisco, Calif. Combined wood cutting and splitting machine. 1,441,996; Jan. 9.
Mukai, Kichimatsu, San Francisco, Calif. Wood-splitting machine. 1,452,387; Apr. 17.
Mulac, Anthony A., assignor to The Buckeye Twist Drill Company, Alliance, Ohio. Drill shank and sleeve socket. 1,471,702; Oct. 23.
Mulder, Clarence L., Milwaukee, Wis. Automobile signal. 1,445,539; Feb. 13.
Mulford, Frank B., St. Louis, Mo., and J. D. Dickinson, Chicago, Ill.; said Dickinson assignor to said Mulford. Computing mechanism. 1,471,000; Oct. 16.
Mulford, Harold V., and W. D. Felty, Paulsboro, N. J. Cooking utensil. 1,461,366; July 10.
Mulholland, James F., Columbus, Ohio. Toy balloon. 1,478,755; Dec. 25.
Mulholland, John B., Buffalo, N. Y. Automobile signal. 1,464,579; Aug. 14.
Mulkey, Allen L., Seattle, Wash. Making whole-wheat cereal foods. 1,446,200; Feb. 20.
Mulkey, Vollie F., Platte City, Mo. Spark plug. 1,478,292; Dec. 18.
Mulks, John V., Hillyard, Wash. Saw-filing machine. 1,445,790; Feb. 20.
Mull, Arthur, Chicago, Ill. Tire-inflating nipple. 1,475,853; Nov. 27.
Mull, Edgar P., Toledo, Ohio, assignor to The Allen Filter Company, Toledo, Ohio. Water cooler. 1,470,094; Oct. 9.
Mull, Raymond A., Benton Harbor, assignor to Holland Rod Manufacturing Company, St. Joseph, Mich. Fish rod. 1,450,700; Apr. 3.
Mullally, John B., Seattle, Wash. Liquid-level gauge. 1,455,965; May 22.
Mullard, Eugène L., Valenducq, and J. Dubois, Paris, France. Reading lamp. 1,468,727; Sept. 25.
Mullard, Stanley R. (See Morris-Airey, H., Shearing, and Mullard.)
Mullarkey, Michael, Toronto, Ontario, Canada. Registering bevel. 1,473,860; Nov. 13.
Mullen, George B. and J. H., Bayside, N. Y. Combined blotter and penwiper. 1,449,344; Mar. 20.
Mullen, James H. (See Mullen, George B. and J. H.)
Mullen, John E., New Duluth, Minn. Agricultural machine. 1,452,697; Apr. 24.
Mullen, John I., Naturita, Colo. Ore concentrator. 1,465,143; Aug. 14.
Mullen, Timothy F. (See Ritzer, Max, assignor.)
Müller, Charles, Zurich, Switzerland. Drawing apparatus. 1,441,939; Jan. 9.
Muller, Edward, North Bergen, N. J. Vehicle washer. 1,455,349; May 15.
Muller, Edward, North Bergen, N. J. Vehicle washer. 1,474,543; Nov. 20.
Muller, Edward A., assignor to The King Machine Tool Company, Cincinnati, Ohio. Turret-head for machine tools. 1,474,438; Nov. 20.
Müller, Emil, Berlin, Germany. Central buffer for short couplings of railway vehicles. 1,453,160; Apr. 24.
Müller, Eugen L., Berlin, Germany. Manufacture of air propellers. 1,456,512; May 29.
Müller, Eugen L., Munich, Germany. Arrangement of an oil pump. 1,460,431; July 3.
Müller, Eugen L., Berlin, Germany. Safety razor. 1,469,237; Oct. 2.
Müller, Friederich, Hartford, Conn. Power-transmission chain. 1,465,946; Aug. 28.
Müller, Friederich, Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Relieving machine. 1,443,637; Jan. 30.
Müller, Friederich, Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Machine for and method of cutting undercut cutters. 1,443,638; Jan. 30.
Müller, Friederich, Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Relieving machine. 1,443,639; Jan. 30.
Müller, Friederich, Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Milling cutter. 1,443,641; Jan. 30.
Müller, Friederich, Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Making milling cutters. 1,443,642; Jan. 30.
Müller, Friederich, Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Making milling cutters. 1,443,643; Jan. 30.

Müller, Friederich, Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Machine for milling blanks for cutters. 1,449,125; Mar. 20.
Müller, Friederich, Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Work driver. 1,449,126; Mar. 20.
Müller, Friederich, Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Mechanism for milling blanks for cutters. 1,454,181; May 8.
Müller, Friederich, Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Machine for milling blanks. 1,472,852; Nov. 6.
Müller, Friederich, Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Lubricator for tailstock centers. 1,477,182; Dec. 11.
Müller, Friederich, Hartford, Conn., and E. Wildhaber, Brooklyn, assignors to Pratt & Whitney Company, New York, N. Y. Relieving machine. 1,443,640; Jan. 30.
Muller, Georges H., Lyon, France. Multicylinder internal-combustion motor. 1,445,791; Feb. 20.
Muller, Gottlieb, and M. B. Hill; said Hill assignor, by mesne assignments, of his entire right to J. B. Taylor, Philadelphia, Pa. Water circulator for auto engines. 1,462,042; July 17.
Muller, Harold E. (See Carstens, George, assignor.)
Müller, Heinrich, Nuremberg, Germany. Toy. 1,447,598; Mar. 6.
Muller, Hermann J., New York, N. Y. Optical method and apparatus. 1,458,143; June 12.
Müller, Jens. (See Kalischer, G., Müller, and Nissen.)
Müller, Johann J. (See Keyser, J. J., and Müller.)
Muller, John, Flushing, N. Y., assignor to Decorative Arts League, Jersey City, N. J. Umbrella stand. Des. 63,083; Oct. 2.
Muller, John, Flushing, N. Y., assignor to Decorative Arts League, Jersey City, N. J. Grate. Des. 63,310; Nov. 20.
Muller, John, Flushing, N. Y., assignor to Decorative Arts League, Jersey City, N. J. Smoker's stand. Des. 63,429; Dec. 4.
Müller, Joseph, Dayton, N. J.. Automatic safety expansion valve. 1,452,252; Apr. 17.
Müller, Karl, Kreiensen, Germany. Wrench. 1,464,288; Aug. 7.
Muller, Olga P., and A. P. Popoff, Flushing, N. Y., assignors to Decorative Arts League, Jersey City, N. J. Lamp. Des. 63,111; Oct. 2.
Muller, Olga P., and A. P. Popoff, Flushing, N. Y., assignors to Decorative Arts League, Jersey City, N. J. Andiron. Des. 63,139; Oct. 16.
Muller, Otto, jr., Ridgewood, assignor to Western Electric Company, Incorporated, New York, N. Y. Welding jig. 1,445,231; Feb. 13.
Muller, Otto, jr., Brooklyn, N. Y., and G. W. Burchett, Jersey City, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Wire-fabric manufacture. 1,448,566; Mar. 13.
Muller, Otto, Brooklyn, N. Y., and F. C. Fischer, Berwyn, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Machine for bending wire. 1,448,567; Mar. 13.
Mulligan, Arthur de W., London, England. Readily-fusible alloy. 1,422,750; Apr. 24.
Mulligan, Gerald J., Columbus, Ohio. Container. 1,471,910; Oct. 23.
Mullikin, Brooks J., St. Louis, Mo. Pneumatic tire. 1,445,540; Feb. 13.
Mullin, Frank, Elyria, assignor to The Willys-Overland Company, Toledo, Ohio. Drill. 1,478,451; Dec. 25.
Mulloy, John H., Detroit, Mich., assignor to Morgan & Wright. Cast-steel tire mold. 1,456,187; May 22.
Multi-Copy Writer Corporation, Ltd. (See Mauvais, Ernest, assignor.)
Multi-Fabric Corporation. (See Brown, H. E., and Stover, assignors.)
Multiple Drilling Machine Company. (See McLellan, John, assignor.)
Multiplex Concrete Machinery Company, The. (See Hartman, Noble W., assignor.)
Multiplex Packeting and Filling Machine Company Limited. (See Falkiner, Edward J., assignor.)
Mulveny, Frank, Fall River, Mass. Toy vehicle. 1,455,404; May 15.
Mulvihill, Daniel C., Hannibal, Mo. Metal wheelbarrow. 1,459,898; June 26.
Mumaw, Carl F., Scranton, Pa. Window cleaner. 1,459,071; June 19.
Mumford, Charles M., Newton Center, Mass. Chute. 1,458,915; June 12.
Mumford, Frank L., Toledo, Ohio. Check-valve control means for pistons. 1,463,628; July 31.
Mumford, Rose S. (See Allen, A., and Mumford, assignors.)
Mumford, Thomas J., 2d. (See Allen, A., and Mumford.)
Mummert Lumber & Tie Company. (See Jackson, William W., assignor.)
Mummery, Clyde W., Richmond, Mich. Burner. 1,452,650; Apr. 24.
Mummery, Clyde W., Richmond, Mich. Oil burner. 1,454,980; May 15.
Mundie, George W., Peru, Ill. Draft-controlling means for tank heaters. 1,461,157; July 10.
Mundy, James M., Brooklyn, N. Y. Means for securing tire rims to vehicle wheels. 1,444,635; Feb. 6.
Mundy, James M., Brooklyn, N. Y. Means for securing tires to vehicle wheels. 1,463,291; July 31.
Munford, John P., Brooklyn, N. Y. Safety clothesline bracket. 1,462,241; July 17.
Munk, Max M., Washington, D. C. Scale. 1,465,613; Aug. 21.
Mun-Kee Products Corporation. (See Munson, Whitney K., assignor.)
Munkel, Walter G., Anamosa, Iowa. Toilet hopper. 1,451,430; Apr. 10.
Munn, George T. (See McLean, J. M., and Munn.)
Munn, William B., assignor of one-half to M. Jacobs, Memphis, Tenn. Package-wrapping machine. 1,463,716; July 31.
Munn, William B., assignor of one-half to M. Jacobs, Memphis, Tenn. Convertible worktable. 1,463,717; July 31.
Munning, A. P., & Co. (See Munning, August P., assignor.)
Munning, A. P., & Co. (See Zucker, Henry L., assignor.)
Munning, August P., Brooklyn, assignor to A. P. Munning & Co., New York, N. Y. Anode. 1,467,060; Sept. 4.
Munro, William T. (See Edmundson, H. W., and Munro.)
Munroe, Thomas L., Fall River, Mass. Testing and safety device for traps. 1,472,666; Oct. 30.
Munroe, Treadway B., assignor to C. F. Dahlberg, New Orleans, La. Felting machine. 1,456,608; May 29.
Munslow, William E., Steubenville, Ohio. Connector. 1,450,108; Mar. 27.
Munslow, William E., Steubenville, Ohio. Drinking fountain. 1,473,501; Nov. 6.
Munson, Ernest C., Fostoria, Ohio. Seal for phonograph records. 1,449,433; Mar. 27.
Munson, Jokum J., Milwaukee, Wis. Tent. 1,455,089; May 15.
Munson, Sweney, Fowler, Colo. Internal oil-cooled piston valve. 1,444,130; Feb. 6.
Munson, Sweney, Fowler, Colo. Tractor spreader. 1,451,627; Apr. 10.
Munson, Sweney, Fowler, Colo. Adjustable ball bearing. 1,457,184; May 29.
Munson, Sweney, Fowler, Colo. Checkrow planter. 1,466,058; Aug. 28.
Munson, Whitney K., assignor to Mun-Kee Products Corporation, Los Angeles, Calif. Stamp pad. 1,463,718; July 31.
Munter, Charles, New York, N. Y. Corset. 1,463,833; Aug. 7.
Muntz, William E., London, England. Means for regulating the flow of liquids. 1,465,556; Aug. 21.
Münz, Ferdinand. (See Haynn, R., and Münz.)
Münz, Friedrich, Stuttgart, Germany. Spinning spindle. 1,442,412; Jan. 16.
Münzenmaier, Adolf. (See Münzenmaier, Richard, A., and H.)
Münzenmaier, Heinrich. (See Münzenmaier, Richard, A., and H.)
Münzenmaier, Richard, A., and H., Stuttgart-Cannstatt, Germany. Spindle mounting. 1,478,048; Dec. 18.
Munzner, Charles, Chicago, Ill., assignor to American Stove Company, St. Louis, Mo. Gas and air mixer. 1,456,250; May 22.
Murchie, Robert, Detroit, Mich. Bottle closure or cap. 1,453,514; May 1.
Murden, Bayard C., assignor of one-third to D. A. Murden and one-third to E. F. MacVeigh, Miami, Fla. Locomotive fire box. 1,442,678; Jan. 16.
Murden, Dorothy A., et al. (See Murden, Bayard C., assignor.)
Murdoch, Homer O., Charlotte, N. C. Chart. 1,448,698; Mar. 13.
Murdock, Albert O., Fort Payne, Ala. Reserve oil tank for automobiles. 1,445,541; Feb. 13.
Murdock, Albert O., Fort Payne, Ala. Reserve oil tank and gauge for automobiles. 1,451,232; Apr. 10.
Murdock, Henry D., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Motor-control system. 1,475,854; Nov. 27.
Murdock, Henry D., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Tension device for armature banding. 1,475,855; Nov. 27.
Murdock, Henry D., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. System of control. 1,477,377; Dec. 11.
Murdock Manufacturing and Supply Company, The. (See Bart, Thomas E., assignor.)
Murkland, J. W., Company. (See Largy, James F., assignor.)
Murmann, Eugene O., Glendale, Calif. Lock. 1,452,812; Apr. 24.
Murnane, Daniel J., assignor to Zouri Drawn Metals Company, Chicago Heights, Ill. Store-front construction. 1,462,211; July 17.
Muro, Franklin O., Buenos Aires, Argentina. Pneumatic tire. 1,465,169; Aug. 14.
Murphy, Archibald S., Roanoke, Va. Surface-drainage outlet for swimming pools and the like. 1,442,171; Jan. 16.

Alphabetical list of patentees—Continued.

Murphy, Clinton C., deceased, by E. B. Murphy, Chicago, Ill., administratrix, assignor to W. P. Murphy, New York, N. Y. Car door. 1,467,061; Sept. 4.
Murphy, David F. (See Ellison, William A., assignor.)
Murphy, David S., Fort Wayne, Ind. Heating apparatus. 1,470,241; Oct. 9.
Murphy, Edna B., administratrix. (See Murphy, Clinton C.)
Murphy Engineering Company, The. (See Murphy, Peter W., assignor.)
Murphy, Eugene B. (See Pratt, H., Elliott, and Murphy.)
Murphy, Frank G., Mason City, Iowa. Eyeglass lens. Des. 63,193; Oct. 30.
Murphy, Fred K., et al. (See Barton, Charles N., assignor.)
Murphy, G. W. J., Company. (See Bourque, David, assignor.)
Murphy, G. W. J., Company. (See Foss, Laurence M., assignor.)
Murphy, G. W. J., Company. (See McGinley, George M., assignor.)
Murphy, Harry R. (See Adams, William R., assignor.)
Murphy Iron Works. (See Bigelow, Frank B., assignor.)
Murphy Iron Works. (See Kent, George E., assignor.)
Murphy Iron Works. (See Riley, Robert S., assignor.)
Murphy, John J., Chicago, Ill. Motor fuel. 1,471,566; Oct. 23.
Murphy, Joseph S. (See Byrne, C. E., and Murphy.)
Murphy, Lawrence W., West Haven, Conn. Locking joint. 1,454,758; May 8.
Murphy, Louis E, assignor to E. F. Houghton & Company, Philadelphia, Pa. Textile-scouring oil. 1,449,240; Mar. 20.
Murphy, Luke E., Milwaukee, Wis. Shoe. 1,456,251; May 22.
Murphy, Morton, assignor to All Rite Company. Indianapolis, Ind. Electric curling iron. 1,446,653; Feb. 27.
Murphy, Moses E., Talmo, Ga. Automobile brace. 1,440,837; Jan. 2.
Murphy, P. H., Company. (See Bonsall, Charles D., assignor.)
Murphy, P. H., Company. (See Gilpin, Garth G., assignor.)
Murphy, P. H., Company. (See Murphy, Walter P., assignor.)
Murphy, Patrick A., Lynn, assignor to Textile Rubber Co., Boston, Mass. Drawing roll. 1,457,453; June 5.
Murphy, Paul B., Nyack, assignor to Western Electric Company, Incorporated, New York, N. Y. Signaling system. 1,472,987; Nov. 6.
Murphy, Peter W., assignor to The Murphy Engineering Company, Detroit, Mich. Valve gear for internal-combustion engines. 1,466,144; Aug. 28.
Murphy, Peter W., and H. E. Wiedeman, Spokane, Wash.; said Wiedeman assignor to said Murphy. Metallic receptacle. 1,464,771; Aug. 14.
Murphy, Robert C., Ida Grove, Iowa. Skipping and jumping preventing means for mowers. 1,446,265; Feb. 20.
Murphy, Thomas F., assignor to The Mail Receptacle Company, Inc., New York, N. Y. Mail box. 1,459,031; June 19.
Murphy, Thomas H., L. S. Isbell, and E. W. Sawyer, North Anson, Me. Bow protector for automobile tops. 1,466,808; Sept. 4.
Murphy, Thomas W., and W. Czarnecki, Philadelphia, Pa. Spray nozzle. 1,453,161; Apr. 24.
Murphy, Walter P. (See Gilpin, Garth G., assignor.)
Murphy, Walter P. (See Murphy, Clinton C., assignor.)
Murphy, Walter P. (See Nicholas, Charles W., assignor.)
Murphy, Walter P. (See Schlesinger, Edgar E., assignor.)
Murphy, Walter P. (See Sisson, Vinton E., assignor.)
Murphy, Walter P. (See Small, Arthur E., assignor.)
Murphy, Walter P., New York, N. Y. Railway car. 1,441,739; Jan. 9.
Murphy, Walter P., New York, N. Y. Dump-car door. 1,449,434; Mar. 27.
Murphy, Walter P., New York, N. Y. Corrugated-sheet-metal car end. 1,456,705; May 29.
Murphy, Walter P., New York, N. Y., assignor to P. H. Murphy Company, Parnassus, Pa. Car roof. 1,472,187; Oct. 30.
Murphy, Walter P., New York, N. Y., assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 1,472,188; Oct. 30.
Murphy, Walter P., New York, N. Y., assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 1,472,189; Oct. 30.
Murphy, William, Minneapolis, Minn. Cob currycomb. 1,456,331; May 22.
Murphy, William B., Weehawken, N. J. Collar button. 1,472,374; Oct. 30.
Murphy, William B., Weehawken, N. J., assignor to Defiance Button Machine Co., New York, N. Y. Separable fastener. 1,449,690; Mar. 27.
Murray, Albert L., assignor to Auburn Rubber Co., Auburn, Ind. Nonskid tread for a pneumatic tire. Des. 63,002; Sept. 4.
Murray-Black Company, The. (See Murray, Laban H., assignor.)
Murray, Charles C., assignor to Cummins Perforator Company, Chicago, Ill. Cryptographic marking means. 1,441,239; Jan. 9.
Murray, Charles E., Chicago, Ill. Machine for treating bolts of cloth for clothing. 1,450,701; Apr. 3.
Murray, Charles E., jr., Trenton, N. J. Resilient tire. 1,473,502; Nov. 6.
Murray, Chauncey A., Superior, Wyo. Key holder. 1,475,133; Nov. 20.
Murray Company, The. (See Henry, Nelson B., assignor.)
Murray Company, The. (See Hiller, William A., assignor.)
Murray Company, The. (See Mitchell, Oliver, assignor.)
Murray Company, The. (See Walton, O. J., and Beard, assignors.)
Murray Company, The. (See Woodford, Bronson C., assignor.)
Murray, Donald. (See Nyman, Charles, assignor.)
Murray, Edgar T., Fort Worth, Tex. Oil-well swab. 1,472,487; Oct. 30.
Murray, Edward T. (See Immel, Elmond C., assignor.)
Murray, Edward W., assignor of forty-five one-hundredths to J. E. Bryant, Detroit, Mich. Lock washer. 1,457,592; June 5.
Murray, George A., Concord, N. H. Sewing cabinet. Des. 62,459; June 5.
Murray, George C. (See Cook, Roy J., assignor.)
Murray, George C., Chicago, Ill. Car roof. 1,460,496; July 3.
Murray, George C., Chicago, Ill. Composite draft-gear yoke. 1,465,363; Aug. 21.
Murray, George R., Minneapolis, Minn. Freak toy. 1,441,164; Jan. 2.
Murray, Howard J., New York, N. Y. Power transmission. 1,476,458; Dec. 4.
Murray, Howard J., New York, N. Y. Combined motor starter and gear shifter. 1,478,243; Dec. 18.
Murray, Howard J., Brooklyn, N. Y., and W. S. Rugg, Pittsburgh, Pa. Flexible power transmission. 1,457,789; June 5.
Murray, Howard S., San Francisco, Calif. Toaster. 1,476,171; Dec. 4.
Murray, John, London, England. Automatic feeding mechanism for book-sewing machines. 1,441,997; Jan. 9.
Murray, John D., San Francisco, Calif. Spray nozzle. 1,462,020; July 17.
Murray, Joseph B. (See Murray, Thomas E., jr., and J. B.)
Murray, Laban H., assignor to The Murray-Black Company, Springfield, Ohio. Paper cutter. 1,467,006; Sept. 4.
Murray, Michael, Chicago, Ill. Safety appliance for electric switches. 1,477,841; Dec. 18.
Murray, Michael D., Ambridge, Pa. Colored background for motion pictures and color tones. 1,446,266; Feb. 20.
Murray, Michael K., Bloomfield, N. J. Tennis-court marker. 1,462,145; July 17.
Murray, Patrick J., and M. L. Clark, Carbondale, Pa. Shock absorber. 1,465,993; Aug. 28.
Murray, Richard, New York, N. Y. Building block. 1,477,072; Dec. 11.
Murray, Robert L., Bushey Heath, assignor to Telephone Manufacturing Company Limited, London, England. Telephone transmitter. 1,460,034; June 26.
Murray, Roland J., Fredericton, New Brunswick, Canada. Rim tool. 1,470,095; Oct. 9.
Murray, Roy, Jensen, Utah. Sheep protector. 1,456,706; May 29.
Murray, Roy, Jensen, Utah. Car-door lock. 1,465,088; Aug. 14.
Murray, Thomas E. (See Holmes, Henry S., assignor.)
Murray, Thomas E. (See Phelps, George H., assignor.)
Murray, Thomas E. (See Rypinski, Albert B., assignor.)
Murray, Thomas E. and T. E., jr., Brooklyn, N. Y. Axle housing and making same. 1,451,401; Apr. 10.
Murray, Thomas E., jr. (See Murray, Thomas E. and T. E., jr.)
Murray, Thomas E., jr., and J. B., Brooklyn, N. Y. Pole-carrying ring for electric apparatus. 1,445,640; Feb. 20.
Murray, Thomas E., jr., Brooklyn, and H. S. Holmes, New York; said Holmes assignor of his entire right to T. E. Murray, jr., Brooklyn, N. Y. Die-casting machine. 1,476,765; Dec. 11.
Murray, Timothy J., Covington, Ind. Folding wire crate or container. 1,443,901; Jan. 30.
Murray, Wallace J., Boston, assignor to Arthur D. Little, Inc., Cambridge, Mass. Producing azo colors in nonaqueous solvents. 1,462,613; July 24.
Murray, William J., Mamaroneck, N. Y. Scaffold. 1,453,227; Apr. 24.
Murray, William P. J., Philadelphia, Pa. Spring wheel. 1,442,897; Jan. 23.
Murrell, Richard S., assignor of one-third to C. W. Shigley, Columbus, Ohio. Lock. 1,458,539; June 12.
Murrill, Paul I., Plainfield, N. J., assignor to R. T. Vanderbilt Company, Inc., New York, N. Y. Making vulcanization accelerators. 1,453,515; May 1.
Murrin, Francis A. (See Brenner, R. F., and Murrin.)
Murtaugh, Charles F. (See Judd, Alfred A., assignor.)

Murton, Crawford B., Chicago Heights, assignor to Inland Steel Company, Chicago, Ill. Metallic fence-post. 1,454,649; May 19.
Murton, Trevor G. (See Gies, Frank G., assignor.)
Murufas, Menelaus G., Los Angeles, assignor of one-half to J. Raisis, San Francisco, Calif. Chromo roller for printing presses. 1,446,429; Feb. 20.
Murzicos, Antonios J., Greenville, Tex. Ice shaver. 1,444,353; Feb. 6.
Musch, Conrad. (See Muehleisen, Thomas, assignor.)
Musch, Warren J., Hartford, Kans. Egg-turning tray. 1,475,856; Nov. 27.
Musgrave, William Z., Cincinnati, Ohio. Match box. 1,476,633; Dec. 4.
Musitelli, Roberto, Brescia, Italy. Automatic firearm. 1,455,503; May 15.
Muskegon Motor Specialties Company. (See Lambert, Arthur H., assignor.)
Muskin, Hyman, Baltimore, Md. Shoe machine. 1,448,568; Mar. 13.
Muslar, Nelson, Worcester, Mass., assignor, by mesne assignments, to Royal Labeling Machine Company, Incorporated. Labeling machine. 1,453,020; Apr. 24.
Musliner, Louis M., New York, N. Y. Leather. Des. 62,493; June 12.
Musselman, Joseph F., Bronxville, assignor to Anti-Corrosion Engineering Company, New York, N. Y. Liquid-treating system. 1,469,804; Oct. 9.
Musselman, Joseph F., Bronxville, assignor to Anti-Corrosion Engineering Company, New York, N. Y. Heat exchanger. 1,469,805; Oct. 9.
Musso, Frederick G., San Jose, Calif. Camp furniture. 1,478,244; Dec. 18.
Mustard, Lewis W., jr., et al. (See Chase, Henry A., assignor.)
Muste, Leonard, Grand Rapids, Mich. Sand-blast machine. 1,467,488; Sept. 11.
Musted, George G., Partick, Glasgow, Scotland. Manhole door. 1,462,353; July 17.
Musted, George G., Glasgow, Scotland. Clamp. 1,471,188; Oct. 16.
Mustee, Joseph A., Cleveland, Ohio. Gas burner. 1,444,263; Feb. 6.
Mustee, Lawrence F., Cleveland, Ohio. Device for lubricating springs. 1,449,241; Mar. 20.
Muth, John, assignor to The E. H. Hotchkiss Company, Norwalk, Conn. Staple-driving machine. 1,450,109; Mar. 27.
Muth, John, assignor to The E. H. Hotchkiss Company, Norwalk, Conn. Staple-driving machine. 1,461,137; July 10.
Mutrix, Charles L., New Orleans, La. Steering-gear lock. 1,471,409; Oct. 23.
Mutschler, William, trustee. (See Woods, Walter R., assignor.)
Muxen, Matthew B., Fort Wayne, Ind., assignor to Tokheim Oil Tank and Pump Company. Dispensing apparatus. 1,451,552; Apr. 10.
Muzzi, Antonio, C. Bibolini, and L. Vincina, Genoa, Italy. Removable hut. 1,478,904; Dec. 25.
Muzzy-Lyon Company. (See Berthet, Charles, assignor.)
Mycock, William, Rochdale, England. Bearing for the cylinders of drying machines. 1,478,905; Dec. 25.
Myer, Anson W., Kingston, N. Y. Loose-leaf binder. 1,454,182; May 8.
Myer, Claus D., assignor to Myer Flush Valve Co., Inc., West Hoboken, N. J. Flush valve. 1,471,504; Oct. 23.
Myer Flush Valve Co. (See Myer, Claus D., assignor.)
Myer, Herman A., Yakima, Wash. Tire protector and antiskidding device. 1,458,238; June 12.
Myers, Alfred B., Gates, Oreg. Safety valve. 1,457,544; June 5.
Myers, Alfred B., Gates, Oreg. Brake retainer. 1,457,545; June 5.
Myers, Charles E., Canton, Ohio. Gauge plug. 1,450,185; Apr. 3.
Myers, Don D., assignor to Industrial Research Corporation, Toledo, Ohio. Method and machine for refrigeration. 1,469,729; Oct. 2.
Myers, Edgar W., San Francisco, Calif. Machine for scouring pulp or pulverized ore and the like. 1,441,165; Jan. 2.
Myers, Edmund T. D., jr., Richmond, Va. Locomotive combustion regulator. 1,452,210; Apr. 17.
Myers, Edmund T. D., jr., Richmond, Va. Locomotive combustion regulator. 1,458,540; June 12.
Myers, Edward C., Seattle, Wash. Harvester. 1,466,098; Aug. 28.
Myers, Emma. (See Wise, Joseph C., assignor.)
Myers, Eugene V., East Orange, N. J., assignor to A. Schrader's Son, Incorporated, Brooklyn, N. Y. Dust cap or the like. 1,462,021; July 17.
Myers, F. E., & Brother Company, The. (See Myers, Guy C., assignor.)
Myers, F. E., & Brother Company, The. (See Myers, Philip A., assignor.)
Myers, George F., New York, N. Y. Turnstile. 1,440,485; Jan. 2.
Myers, George F., New York, N. Y. Vehicle. 1,459,411; June 19.
Myers, George H., et al. (See Ricketts, Walter G., assignor.)
Myers, Guy C., assignor to The F. E. Myers & Brother Company, Ashland, Ohio. Power pump. 1,472,226; Oct. 30.
Myers, Harold L. (See Fleming, Clarence C., assignor.)
Myers, Harvey J., Minneapolis, Minn. Sanitary display cover. 1,445,346; Feb. 13.
Myers, Hubert A., Toledo, Ohio. Plating metals. 1,460,137; June 26.
Myers, Hubert A., Toledo, Ohio. Window-lifting device. 1,460,138; June 26.
Myers, Hubert A., assignor to The Hubert A. Myers Company, Toledo, Ohio. Metal mold. 1,450,186; Apr. 3.
Myers, Hubert A., assignor to The Hubert A. Myers Company, Toledo, Ohio. Mold for casting metals and making and using the molds. 1,454,065; May 8.
Myers, Hubert A., assignor to The Hubert A. Myers Company, Toledo, Ohio. Mold and process for casting materials. 1,454,066; May 8.
Myers, Hubert A., assignor to The Hubert A. Myers Company, Toledo, Ohio. Machine for delivering cores to molds. 1,461,222; July 10.
Myers, Hubert A., assignor of one-half to H. Wiener, Toledo, Ohio. Valve mechanism. 1,462,651; July 24.
Myers, Hubert A., assignor to The Hubert A. Myers Company, Toledo, Ohio. Method and apparatus for forming sheet glass. 1,471,189; Oct. 16.
Myers, Hubert A., assignor to The Hubert A. Myers Company, Toledo, Ohio. Producing soft ferrous metal castings. 1,471,190; Oct. 16.
Myers, Hubert A., Toledo, and A. D. Straw, Wauseon, assignors to The Hubert A. Myers Company, Toledo, Ohio. Casting metals. 1,454,064; May 8.
Myers, Hubert A., Toledo, and A. D. Straw, Wauseon, assignors to The Hubert A. Myers Company, Toledo, Ohio. Container and mold for molten metal. 1,454,067; May 8.
Myers, Hubert A., Toledo, and A. D. Straw, Wauseon, assignors to The Hubert A. Myers Company, Toledo, Ohio. Protective material for molds and forming the same. 1,454,068; May 8.
Myers, Hubert A., Company, The. (See Myers, Hubert A., assignor.)
Myers, Hubert A., Company, The. (See Myers, H. A., and Straw, assignors.)
Myers, Hubert A., Company, The. (See Straw, Arteemes D., assignor.)
Myers, James, Bowell, Alberta, Canada. Machine for dressing contact surfaces of commutators. 1,442,492; Jan. 16.
Myers, James L. (See Johnson, C. W., and Myers.)
Myers, John F., Detroit, Mich. Piston packing ring. 1,470,096; Oct. 9.
Myers, John F., Canon City, Colo., assignor to The New Jersey Zinc Company, New York, N. Y. Concentration of minerals. 1,446,314; Feb. 20.
Myers, John W., Quincy, Ill. Ventilating means for chicken hovers and brooders. 1,453,162; Apr. 24.
Myers, Joseph E., Tacoma, Wash. Blade holder. 1,462,146; July 17.
Myers, Joseph R., Chicago, Ill. Folding box. 1,462,297; July 17.
Myers, Leonard, Gloversville, N. Y. Toy animal and making the same. 1,478,348; Dec. 18.
Myers, Lewis C. (See Hess, E. B., and Myers.)
Myers, Martin R., Grand Rapids, Mich. Platform for ladders. 1,455,220; May 15.
Myers, Martin R., Grand Rapids, Mich. Bucket support. 1,455,221; May 15.
Myers, Oliver M. (See Mason, Loren D., assignor.)
Myers, Philip A., assignor to The F. E. Myers & Brother Company, Ashland, Ohio. Power head for operating piston rods of pumps. 1,470,634; Oct. 16.
Myers, Philip A., assignor to The F. E. Myers and Brother Company, Ashland, Ohio. Power head. 1,473,861; Nov. 13.
Myers, Tom B. (See Brandt E. S. R., and Myers.)
Myers, Tom B., Newport, R. I., assignor to the Government of the United States. Torpedo. 1,474,377; Nov. 20.
Myers, True D., Oakland, Calif. Washing and wringing machine attachment. 1,463,922; Aug. 7.
Myers, William H. (See Hensbaw, G. C., and Myers.)
Myers, William H. (See McClay, Roy C., assignor.)
Myers, William L., Industry, Ill. Latch. 1,452,211; Apr. 17.
Myers, William M., Hannibal, Mo. Belt buckle. 1,457,386; June 5.
Myers, Wilson R., assignor of one-third to G. W. Burt and one-third to G. W. Weatherby, Portland, Oreg. Apparatus for positioning materials. 1,451,431; Apr. 10.
Mylchreest, Thomas G., Thorner, near Leeds, England. Doffing mechanism for spinning and like machines. 1,457,593; June 5.
Mylius, Walter G., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Maximum-demand meter. 1,442,085; Jan. 16.
Mylroie, John M., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Tire-making machine. 1,453,763; May 1.
Myracle, Hobart M., Haynesville, La. Multiple fishing tool. 1,473,158; Nov. 6.
Myran, Bennie G., Sand Creek, Wis. Saw guide. 1,443,902; Jan. 30.

Myrberg, Sven O., assignor to Providence Stock Company, Providence, R. I. Bracelet 1,440,838; Jan. 2.
Mystrom, Herman, and R. E. Nelson, Philadelphia, Pa. Convertible body for automobiles. 1,474,283; Nov. 13.
N. V. Hollandsche Maatschappij tot verkvijging en exploitatie van Patenten en Octrosien "Hopatex." (See Schmidt, Reinhold, assignor.)
N. V. Maatschappij tot Exploitatie van Bartmann Patenten. (See Bartmann, Ludwig, assignor.)
Naab, Charles. (See Pfeifer, F. A., and Naab.)
Naamlooze Vennootschap "Ago" Maatschappij voor het drogen, verwerken en veredelen van hout. (See Bouwman, Johannes T., assignor.)
Naamlooze Vennootschap de Nederlandsche Thermo-Telephoon-Maatschappij. (See Rellstab, Ludwig, assignor.)
Naamlooze Vennootschap Finanzieele Maatschappij "Driebergen." (See Blankenburg Johannes, assignor.)
Naamlooze Vennootschap Finanzieele Maatschappij "Driebergen." (See Hase, Rudolf, assignor.)
Naamlooze Vennootschap Vereenigde Knoopen en Bandfabrieken. (See Kuckelsberg, Ernst and P., assignors.)
Nabers, Horace Z., Greenville, S. C. Suspending device for garments. 1,455,302; May 15.
Nabors, William C., Mansfield, La. Tractor trailer. 1,470.328; Oct. 9.
Nace, Clarence L., Oakland, Calif. Bottle cap. 1,459,477; June 19.
Nacey, Harry M., Chicago, Ill. Fusible link. 1,452,522; Apr. 24.
Nacey, Harry M., and M. F. Ahearn, Chicago, Ill. Dry-pipe valve. 1,464,614; Aug. 14.
Nachtrieb, Norman D., assignor to H. T. Adams, Chicago, Ill. Temporary-binder ring. 1,473,354; Nov. 6.
Nacke, Karl, assignor to United Metal Spinning Co., Brooklyn, N. Y. Cast arm for lighting fixtures. Des. 62,177; Apr. 3.
Nacke, Karl, assignor to United Metal Spinning Co., Brooklyn, N. Y. Husk for ball-lamp-socket cover for lighting fixtures. Des. 62,178; Apr. 3.
Nacke, Karl, assignor to United Metal Spinning Co., Brooklyn, N. Y. Plate for lighting fixtures. Des. 62,211; Apr. 10.
Nacker, Owen M. (See Brush, A. P., and Nacker.)
Nadel, Louis D., East Orange, N. J., assignor to F. M. Prescott. Phonograph motor. 1,446,201; Feb. 20.
Nadig, Robert F., and W. D. Somers, Cleveland, Ohio. Ironing-board construction. 1,460,432; July 3.
Nadler, August, and J. R. Kinghorn, Brooklyn, N. Y. Sealing-wax stick. 1,454,759; May 8.
Nadler, Harry A. (See Koch, Edward G., assignor.)
Nadolney, Otto, Nanticoke, Pa. Hinge. 1,469.525: Oct. 2.
Naegele, Arthur V. (See Piper, W. A., and Naegele.)
Naegeli, Charles. (See Howe, F. M., and Naegeli.)
Naemura, Tokuji, Sanchome, Kobe, Japan. Floor-cover composition. 1,466,241; Aug. 28.
Nafe, Arthur E., Berea, Ohio. Amusement device. 1,441,940; Jan. 9.
Nafe, Arthur E., Berea, and P. E. Hawkins, Cleveland, Ohio. Vehicle wheel. 1,441,941; Jan. 9.
Nafziger, Samuel O., Goshen, Ind. Clamshell-bucket-operating mechanism. 1,463,090; July 24.
Nagel, August, Stuttgart, Germany. Camera case. 1,467,556; Sept. 11.
Nagel, Theodore, Brooklyn, N. Y. Method of and apparatus for the hydrodynamic separation of particles. 1,459,921; June 26.
Nagel, Theodore, Brooklyn, N. Y. Method of and apparatus for the hydrodynamic separation of particles. 1,459,922; June 26.
Nagel, Theodore, Brooklyn, N. Y. Method of and apparatus for treating material with gas. 1,459,923; June 26.
Nagel, W. G., Electric Company, The. (See Decker, Hugh L., assignor.)
Nagelvoort, Adriaan, assignor to The Nitrogen Corporation, Providence, R. I. Treating gases. 1,454,591; May 8.
Nagle, James F., assignor to The Peck Stow & Wilcox Company, Southington, Conn. Fixture for grinding beveled chisels. 1,455,405; May 15.
Nagle, Peter J., assignor to Flower City Specialty Company, Rochester, N. Y. Display receptacle. 1,458.541; June 12.
Nagle, Samuel C., London, England. Amusement device. 1,444,636; Feb. 6.
Nagler, Forrest Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Hydraulic machine. 1,476,998; Dec. 11.
Nagues, Jesse R., Missoula, Mont. Spot remover 1,468,541; Sept. 18.
Nahm, Sunshine F., Bowling Green, Ky. Closure for containers. 1,476,411; Dec. 4.
Nail, Walter, Newark, N. J. Nut lock. 1,443,427; Jan. 30.
Nainteau, John B., Woonsocket, R. I. Spindle. 1,447,880; Mar. 6.
Nairne, Charles J. (See Hawkridge, J., Robertson, and Nairne.)
Naismith, John A. (See Gmelin, Jacob H., assignor.)
Najacht, Otto, Chicago, Ill. Alloy. 1,468,828; Sept. 25.
Najarian, Herand K., Salt Lake City, Utah. Screening machine and method. 1,447,355; Mar. 6.
Najarian, Herand K., Salt Lake City, Utah. Continuous vacuum filter. 1,449.774; Mar. 27.
Nakagawa, Waichi, Kitaku, Japan. Steam boiler. 1,462,763; July 24.
Nakamura, Kozo, assignor to Hikoshima Rutsubo Kabushiki Kaisha, Toyoura-gun, Japan. Graphite crucible. 1,466,739; Sept. 4.
Nakamura, Mitsutaro, Chico, Calif. Insect-destroying device. 1,458,071; June 5.
Nakamura, Yazo, Osaka, Japan. Device for shipping and discharging cargo. 1,449,691; Mar. 27.
Nakashima, Soichi, Livingston, Calif. Fruit-pitting machine. 1,452,889; Apr. 24.
Nakian, Reuben, West Hoboken, N. J. Figure toy. 1,451,628; Apr. 10.
Nalbantian, Karakin, New York, N. Y. Automatic stop for talking machines. 1,473,503; Nov. 6.
Nall, Robert, Oakland, Calif. Inner tube for pneumatic tires. 1,449,692; Mar. 27.
Nalle, Charles R., Richmond, Va. Detachable button. 1,452,052; Apr. 17.
Nalle, Ernest, et al., trustees. (See Paul, Christian F., jr., assignor.)
Nalley, William L., assignor of one-half to S. C. Barnes, Hagerstown, Md. Water-supply system. 1,471,800; Oct. 23.
Nalty, Herbert, London, England. Jewelry trinket. Des. 62,406; May 22.
Namari, Ichitaro, Sakai, Osaka Fu, Japan, assignor to Minami Manshu Tetsudo Kabushiki Kaisha, Tairen, Kwanto Shu, China. Manufacturing a composition containing anhydrous magnesium chloride. 1,473,966; Nov. 13.
Namtvedt, Peter I., Terril, Iowa. Vehicle jack. 1,454,686; May 8.
Namura, Takeo, Walnut Grove, Calif. Pump. 1,457,546; June 5.
Nannini, Cherubino, Manhattan, Nev. Hair clipper. 1,451,175; Apr. 10.
Nänny, Fritz, Herisau, Switzerland. Process and device for removing the connecting threads in embroidered fabrics. 1,464,289; Aug. 7.
Napier, Charles, Springfield, Mass., assignor to The Henry G. Thompson & Son Company, New Haven, Conn. Hack-saw machine of the continuous-band type. 1,461,004; July 3.
Napier, Charles H., Cleveland, Ohio. Motor-driven target-throwing machine. 1,475,713; Nov. 27.
Napier, D., & Son Limited. (See Rowledge, Arthur J., assignor.)
Napolitan, Francis J., Jersey City, N. J., assignor to American Abrasive Metals Company. Plate for use in lining burglarproof vaults and similar purposes. 1,464,102; Aug. 7.
Napolitan, Francis J., Springfield, Mass., assignor, by mesne assignments, to Air Reduction Company, Incorporated, New York, N. Y. Oxyacetylene torch. 1,469,392; Oct. 2.
Naquin, Arthur J., Alexandria, La. Grate bar. 1,468,209; Sept. 18.
Narayan, Prem, Bijnor, India. Fountain pen. 1,474,611; Nov. 20.
Nares, Llewelyn A., Fresno, Calif. Tire rack for automobiles. Re15,695; Oct. 2.
Narobe, Frank, New York, N. Y. Baking machine. 1,477,842; Dec. 18.
Narrow Fabric Co., The. (See Busch, Conrad J., assignor.)
Narrow Fabric Co., The. (See Walbrecker, Ernest, assignor.)
Nash, David H., Petersburg, Va. Transmission drive for speedometers. 1,443,848; Jan. 30.
Nash Engineering Company. (See Jennings, Irving C., assignor.)
Nash, Frederic J., Brooklyn, N. Y. Drying and preparing fertilizing materials. 1,456.332; May 22.
Nash, George H., Weymouth, England. Sound detector. 1,464,103; Aug. 7.
Nash, George W., Chelsea, Mass. Ball cock. 1,478,989; Dec. 25.
Nash, James H., Caldwell, N. J., assignor to Lee & Nash, Inc., New York, N. Y. Collapsible display card. 1,467,624; Sept. 11.
Nash, John M., Milwaukee, Wis. Machine for finishing flanged articles. 1,459,741; June 26.
Nash, Martin, et al. (See Rogers, Abby, assignor.)
Nash, Nathaniel C., jr., executor. (See Hinman, Charles W.)
Nash, Phineas J., Ridgway, Colo. Dirigible headlight. 1,444,518; Feb. 6.
Nashua Gummed & Coated Paper Company. (See Emmert, Samuel B., assignor.)
Nashua Gummed & Coated Paper Company. (See Kimball, Wallace D., assignor.)
Nashua Manufacturing Company. (See Caron, Napoleon, assignor.)
Naslin, John O., Seattle, Wash. Doorcheck. 1,459,238; June 19.
Nasmith, John I., Eltham, London, England. Box, packing case, and the like. 1,473,196; Nov. 6.
Nasmith, John W., Manchester, England. Banding machine. 1,445,156; Feb. 13.

Nasmith, John W., Manchester, England. Combing machine. 1,454,484; May 8.
Nasmith, John W., Manchester, England. Combing machine. 1,466,846; Sept. 4.
Nasmith, John W., Manchester, England. Combing machine. 1,473,197; Nov. 6.
Nason, Emery E. (See Brown, F. C., and Nason.)
Nass, Hugh P. (See Neft, I., and Nass.)
Nassoiy, Leonard G., Niagara Falls, N. Y. Tire tread. Des. 63,578; Dec. 18.
Naterman, Henry D., Los Angeles, Calif. Adjustable visor for vehicle windshields. 1,475,647; Nov. 27.
Naterman, Henry D., Los Angeles, assignor to A. M. Kupfer, Pasadena, Calif. Adjustable visor for vehicle windshields. 1,474,727; Nov. 20.
Nathan, Alfred J., and A. E. Barclay, London, England; said Barclay assignor to said Nathan. Device for use with vacuum flasks. 1,449,292; Mar. 20.
Nathan & Cohen Co. Inc. (See Muelberger, Walter, assignor.)
Nathan Manufacturing Company. (See Kassander, Leopold, assignor.)
Nathan Manufacturing Company. (See Wagner, H., and Strube, assignors.)
Nathanson, Philip, Allentown, Pa. Stop motion for bobbin winders. 1,452,924; Apr. 24.
National Acme Company, The. (See Drissner, Alfred E., assignor.)
National Acme Company, The. (See Fancher, C. J., and Johnson, assignors.)
National Acme Company, The. (See Johnson, R. A., and Fancher, assignors.)
National Acme Company, The. (See Smith, Oscar A., assignor.)
National Acme Company, The. (See Smith, O. A., and Leber, assignors.)
National Acme Company. (See Smith, O. A., and Rindfleisch, assignors.)
National Acme Company, The. (See Wheeler, Earl H., assignor.)
National Airless Tire Company. (See Patton, Darrell E., assignor.)
National Aniline & Chemical Company. (See Bissell, Don W., assignor.)
National Aniline & Chemical Company, Inc. (See Daniels, Lloyd C.)
National Aniline & Chemical Company. (See Daniels, L. C., and Lawrence, assignors.)
National Aniline & Chemical Company. (See Kyrides, Lucas P., assignor.)
National Aniline & Chemical Company. (See Nelson, Ralph A., assignor.)
National Aniline & Chemical Company. (See Rogers, D. G., and Stowell, assignors.)
National Aniline & Chemical Company. (See Young, J., and Croakman, assignors.)
National Asphalt Burial Vault Company, The. (See Sheene, William E., assignor.)
National Auto Devices Company. (See Conger, Charles A., assignor.)
National Auto Lock Company, The. (See Jackson, C., and Huxter, assignors.)
National Automatic Tool Company. (See Bockhoff, William F., assignor.)
National Biscuit Company. (See Davidson, Frank B., assignor.)
National Biscuit Company. (See Davis, Clarke E., assignor.)
National Biscuit Company. (See Taylor, George A., assignor.)
National Biscuit Company. (See Tomlinson, Roy E., assignor.)
National Blank Book Company. (See Schade, John, assignor.)
National Boiler Washing Co. (See Graham, Leslie B., assignor.)
National Box Company. (See Hopkins, Gordon, assignor.)
National Brake Company Incorporated. (See Brewster, William D., assignor.)
National Brake & Electric Company. (See Aikman, Burton S., assignor.)
National Brass & Copper Company, The. (See Goldsmith, Berthold, assignor.)
National Brass Manufacturing Company, The. (See Wray, Charles F., assignor.)
National Bread Wrapping Machine Company. (See Sévigné, Henri A., assignor.)
National Bread Wrapping Machine Company. (See Sévigné, H. A., and Arnold, assignors.)
National Carbon Co. Inc. (See Hopkins, Nevil M., assignor.)
National Carbon Company Inc. (See Arnoll, Arthur G, assignor.)
National Carbon Company. (See Eynon, Howard B., assignor.)
National Carbon Company. (See French, H. F., and Benner, assignors.)
National Carbon Company. (See Hamister, Victor C., assignor.)
National Carbon Company. (See Kiefer, Edwin F., assignor.)
National Carbon Company. (See Lapkin, Harry D., assignor.)
National Carbon Company. (See Wells, Alfred A., assignor.)
National Carbonator Manufacturing Company. (See Geddes, Charles A., assignor.)
National Card Mounting Company. (See List, Frank X., assignor.)
National Carton Company. (See Gibson, W., and Gazzolo, assignors.)
National Cash Register Company, The. (See Von Pein, Edward J., assignor.)
National Casket Company. (See Griffith, Benjamin M., assignor.)
National Company. (See Balcke, Walter H., assignor.)
National Company. (See Ready, William A., assignor.)
National Dump Car Company. (See Fitts, Charles F., assignor.)
National Dump Car Company. (See Hart, Harry S., assignor.)
National Dump Car Company. (See Hindahl, David, assignor.)
National Dump Car Company. (See Hosceit, William J., assignor.)
National Dump Car Co. (See Neikirk, John O., assignor.)
National Egg Case Company. (See Reeves, Edwin F., assignor.)
National Electric Heating Company, The. (See Pritzker, Asher, assignor.)
National Equipment Company. (See Bausman, Alonzo L., assignor.)
National Equipment Company. (See Perkins, George S., assignor.)
National Fibreform Company. (See Thompson, Harry J., assignor.)
National Fireworks Manufacturing Company, The. (See Clark, George J. J., assignor.)
National Folding Box Company. (See Grady, Francis J., assignor.)
National Fruit Cleaner Company, The. (See Reuter, John A., assignor.)
National Gas Furnace Company. (See Walpole, Benjamin M., assignor.)
National India Rubber Company. (See Huestis, Thomas B., assignor.)
National Indicator Company. (See Klein, Frederick, assignor.)
National Indicator Company. (See Penso, Marius E., assignor.)
National Lead Company. (See Simpkins, Louis D., assignor.)
National Lead Company. (See Tolman, Charles P., assignor.)
National Lock Washer Company. (See Hoyt, Daniel, assignor.)
National Machine & Tool Company. (See Monohan, Richard C., assignor.)
National Malleable Castings Company, The. (See Bazeley, Arthur J., assignor.)
National Malleable Castings Company, The. (See Brooks, Chester K., assignor.)
National Match Company. (See Vaughan, Bernard G., assignor.)
National Metal Molding Company. (See Phillips, George E., assignor.)
National Paper Can Company, The. (See Brooks, Lewis C., assignor.)
National Paper Products Company. (See Lanzit, Joseph J., assignor.)
National Peeling Machine Company. (See Bost, W. D., Miller, and Garwood, assignors.)
National Peeling Machine Company. (See Miller, Harry M., assignor.)
National Pneumatic Company. (See Forman, Paris R., assignor.)
National Pneumatic Company. (See Gottschalk, Albert, assignor.)
National Pneumatic Company. (See Rowntree, Harold, assignor.)
National Progress Club. (See Bentson, Victor L., assignor.)
National Pump Company. (See Jackson, Henry O., assignor.)
National Refining Company, The. (See Setzler, Horace B., assignor.)
National Refining Corporation, Inc. (See von Groeling, Albrecht, assignor.)
National Retarder Company. (See Stagner, Bert A., assignor.)
National Sales Machine Company. (See Reith, George C., assignor.)
National Screw and Manufacturing Company, The. (See Bartmess, Meigs W., assignor.)
National Sewing Machine Company. (See Derwent, Walter E., assignor.)
National Sewing Machine Company. (See Henry, C. F., and Hulett, assignors.)
National Society Daughters of the American Colonists. (See Bickel, E. S. R., and P. De Barthe, assignors.)
National Steel Door Co. (See Peterson, Earl W., assignor.)
National Supply Company, The. (See Wright, Clyde S., assignor.)
National Transit Pump & Machine Company. (See Sharp, Jefferson, M., assignor.)

National Tube Company. (See Baines, J. E., and Bosle, assignors.)
National Tube Company. (See Brown, Frederick E., assignor.)
National Tube Company. (See Saunders, Augustus M., assignor.)
National Valve & Manufacturing Company. (See Gerber, Dwight, assignor.)
National Vulcanized Fibre Co. (See Cobb, Freeman A., assignor.)
National Vulcanized Fibre Company. (See de Vignier, Robert M., assignor.)
National Water Lift Co. (See Fairchild, Roland J., assignor.)
Natoli, Giuseppe, Turin, Italy. Magneto. 1,460,763; July 3.
Natural Air Dryers, Inc. (See Lazier, Thomas C., assignor.)
Naugatuck Chemical Company, The. (See Bradley, C. E., and Cadwell, assignors.)
Naugatuck Chemical Company, The. (See Cadwell, Sidney M., assignor.)
Naugatuck Chemical Company, The. (See Shepard, M. G., and Adams, assignors.)
Naugle, Charles M., Wilkes-Barre, Pa. Cake pan. 1,476,910; Dec. 11.
Naugle, Girardus G. (See Hoff, C. L., and Naugle.)
Naugle, Girardus G., York, Pa. Lubricating system for automobiles. 1,457,993; June 5.
Naugle, Girardus G., York, Pa., assignor to American Chain Company, Inc. Machine for smoothing chains. 1,446,923; Feb. 27.
Naugle, Harry M., and A. J. Townsend, Canton, Ohio. Expanded-metal manufacture. 1,472,769; Oct. 30.
Naugle, Harry M., and A. J. Townsend, Canton, Ohio. Expanded-metal manufacture. 1,472,773; Oct. 30.
Naugle, Harry M., and A. J. Townsend, Canton, Ohio. Expanded metal. 1,472,774; Oct. 30.
Naugle, Harry M., and A. J. Townsend, Canton, Ohio, assignors to Jones and Laughlin Steel Company, Pittsburgh, Pa. Steel-joist manufacture. 1,472,770; Oct. 30.
Naugle, Harry M., and A. J. Townsend, Canton, Ohio, assignors to Jones and Laughlin Steel Company, Pittsburgh, Pa. Steel-joist machine. 1,472,771; Oct. 30.
Naugle, Harry M., and A. J. Townsend, Canton, Ohio, assignors to Jones and Laughlin Steel Company, Pittsburgh, Pa. Steel-joist manufacture. 1,472,772; Oct. 30.
Naugle, John J., Brooklyn, assignor to United Filters Corporation, New York, N. Y. Filter plate. 1,441,445; Jan. 9.
Naugle, Roy L., Blackstone, Va. Shock absorber. 1,476,212; Dec. 4.
Naujoks, William, and E. E. McLaughlin, Los Angeles, Calif. Reed cutter. 1,467,806; Sept. 11.
Nauman, Charles A., Jr. (See Barnard, H. L., and Nauman.)
Nauts, Frank A. (See Vogel, J. F., and Nauts.)
Nauts, Frank A., assignor to The Gendron Wheel Company, Toledo, Ohio. Hub. 1,448,312; Mar. 13.
Nauts, Frank A., assignor to The Gendron Wheel Company, Toledo, Ohio. Hub-bearing construction. 1,461,223; July 10.
Navach, Andrea, San Francisco, Calif. Mute. 1,448,232; Mar. 13.
Naylor, Adolphus, Medford, Oreg. Ditch digger. 1,475,550; Nov. 27.
Naylor, Carl G., Chicago, Ill., assignor to Naylor-Robertson Company. Expansible mandrel. 1,449,435; Mar. 27.
Naylor, Frederick B., Allentown, N. J. Chicken feeder. 1,469,677; Oct. 2.
Naylor, Joseph S., Clear Lake, Iowa. Cattle-leading ring. 1,472,883; Nov. 6.
Naylor, Robert C., assignor to The Gem Shirt Company, Dayton, Ohio. Trousers. 1,475,195; Nov. 27.
Naylor-Robertson Company. (See Naylor, Carl G., assignor.)
Neadle, Jacob, administrator. (See Demongeot, Marcel A.)
Neahr, Jacob E., New York, N. Y. Match safe. 1,477,890; Dec. 18.
Neahr, Jacob E., Hartsdale, assignor to Underwood Typewriter Company, New York, N. Y. Typewriter stand. Des. 63,058; Sept. 25.
Neahr, Will C., Denver, Colo. Electric signaling system. 1,442,288; Jan. 16.
Neahr, Will C., Denver, Colo. Electric firework igniter. 1,445,904; Feb. 20.
Neal, C. B. (See Powell, A., and Neal.)
Neal, Enoch E., Malden, Mass. Bag-filling device. 1,458,626; June 12.
Neal, Enoch E., Malden, Mass. Fastening device for coal chutes. 1,458,627; June 12.
Neal, George D., assignor of one-half to J. R. Baker, Little Rock, Ark. Shock-absorber top coupling. 1,453,163; Apr. 24.
Neal, Harry W., assignor of one-half to Hall-Neal Furnace Company, Indianapolis, Ind. Heat intercepting and conveying device for furnaces. 1,440,486; Jan. 2.
Neal, Harry W., assignor of one-half to Hall-Neal Furnace Company, Indianapolis, Ind. Heat accelerator for hot-air furnaces. 1,465,309; Aug. 21.
Neal, Henry, Yukon, Pa. Shot-firing device. 1,457,262; May 29.
Neal, Lewis M., Louisville, Ky. Shock absorber. 1,445,704; Feb. 20.
Neal, Morris S., Collinsville, Conn. Tool handle. 1,475,961; Dec. 4.
Neal, Robert A., assignor of one-half to L. J. Heyman, Lexington, Ky. Brake-actuating mechanism. 1,452,212; Apr. 17.
Neal, Russell E., St. Louis, Mo. Combination work glove. 1,471,801; Oct. 23.
Neal, Spencer G., New York, N. Y., assignor to Automatic Straight Air Brake Company, Wilmington, Del. Air-brake apparatus. 1,459,853; June 26.
Neal, Spencer G., New York, N. Y., assignor to Automatic Straight Air Brake Company, Wilmington, Del. Diaphragm structure. 1,466,242; Aug. 28.
Neal, Spencer G., New York, N. Y., assignor to Automatic Straight Air Brake Company, Wilmington, Del. Diaphragm structure. 1,466,243; Aug. 28.
Neal, Spencer G., New York, N. Y., assignor to Automatic Straight Air Brake Company, Wilmington, Del. Air-brake apparatus. 1,478,832; Dec. 25.
Neal, Walter V. (See Harrigan, T. F., and Durward.)
Neal, Walter V., Malden, Mass., assignor to The United Shoe Machinery Corporation, Paterson, N. J. Work support. 1,460,433; July 3.
Neale, Charles C., Toledo, Ohio, assignor of one-half to P. T. Ulmer, St. Paul, Minn. Nonvibratory tool guide. 1,451,102; Apr. 10.
Nealley, Henry A., Newton, Mass. Lubricant demonstrator. 1,452,569; Apr. 24.
Nealon, John P., Worcester, Mass. Lamp. 1,440,617; Jan. 2.
Neander, Victor T. (See Kneeland, Oscar A., assignor.)
Near, Wilmer M., New Era, Mich. Testing prod. 1,451,233; Apr. 10.
Neary, Michael J., Scranton, Pa. Roller-coaster safety appliance. 1,454,760; May 8.
Neary, Philip, Seattle, Wash. Excavating device. 1,457,594; June 5.
Neave, Andrew A. (See Mikaelson, E. W., and Neave.)
Nebel, Ernst O., Philadelphia, Pa. Lace attachment for knitting machines. 1,463,719; July 31.
Nebel, Walter, Sioux City, Iowa. Manufacture of cellulose acetates. 1,478,137; Dec. 18.
Nebhut, Alfred F. (See Platts, M. E., and Nebhut.)
Nebulizer Oil Burning Company. (See Dunham, William P., assignor.)
Necrosan Co., The. (See Rayder, Joseph A., assignor.)
Neddo, Richard, Norfolk, Va. Stationery cabinet. 1,456,562; May 29.
Neder, John H., Baker, Oreg. Headlight deflector for motor vehicles. 1,444,424; Feb. 6.
Nedland, Ivan T., Hillsboro, N. Dak. Chuck. 1,457,994; June 5.
Nedra, Ian I. W., assignor to Penn Electrical and Manufacturing Company, Irwin, Pa. Fuse clip and retainer. 1,468,915; Sept. 25.
Nedved, Emanuel W., Millboro, S. Dak. Calf weaner. 1,461,582; July 10.
Needham, Charles E. (See Gibson, W. A., and Needham.)
Needham, Charles E., Allentown, Pa., assignor to Bradley Pulverizer Company, Boston, Mass. Lubricating mechanism for bearings of rotatable members. 1,466,455; Aug. 28.
Needham, Edward F. and T. H., Houston, Tex. Wall construction. 1,448,078; Mar. 13.
Needham, James F., Hanford, Wash. Refrigerator. 1,448,813; Mar. 20.
Needham, Jane E., Brooklyn, N. Y. Spool holder. 1,469,266; Oct. 2.
Needham, John C., assignor to Evershed & Vignoles, Limited, London, England, and himself. Electrical apparatus for controlling indicators at a distance. 1,476,538; Dec. 4.
Needham, John T., North Plainfield, N. J. Carrier for pneumatic-dispatch tubing systems. 1,455,547; May 15.
Needham, Ollie. (See Hague, F. T., and Needham.)
Needham, Thomas H. (See Needham, Edward F. and T. H.)
Needle, Morris Y., assignor of one-half to M. Moskowitz, Washington, D. C. Cleaning composition. 1,455,350; May 15.
Needler, Marley, Muskegon Heights, Mich. Clothes drier. 1,474,281; Nov. 13.
Neely, Richard E., Terre Haute, Ind. Rail clamp. 1,473,504; Nov. 6.
Neenan Elevator Corporation. (See Neenan, Michael E., assignor.)
Neenan Elevator Corporation. (See Neenan, Michael E. and J. J., assignors.)
Neenan, John J. (See Neenan, Michael E. and J. J.)
Neenan, Michael E., New York, N. Y., assignor to Neenan Elevator Corporation. Sheave. 1,442,899; Jan. 23.
Neenan, Michael E., New York, N. Y., assignor to Neenan Elevator Corporation. Sheave. Re15,737; Dec. 25.
Neenan, Michael E. and J. J., New York, N. Y., assignors to Neenan Elevator Corporation. Electromagnetically-controlled brake. 1,442,898; Jan. 23.
Nefedov, Basil, Brooklyn, N. Y. Wheeled toy. 1,443,271; Jan. 23.
Neff, Abner R., Long Beach, Calif. Opening device. 1,445,905; Feb. 20.

Neff, Abner R., Long Beach, Calif. Can opener. 1,471,857; Oct. 23.
Neff, August E., assignor to Phoenix Trimming Company, Chicago, Ill. Ornamental fringe. Des. 62,915; Aug. 21.
Neff, August E., assignor to Phoenix Trimming Company, Chicago, Ill. Fringe for rugs and the like and making the same. 1,470,097; Oct. 9.
Neff, Edward D., Marysville, Pa. Spotlight-projecting device. 1,455,929; May 22.
Neff, George W. (See Edwards, Eugene P., assignor.)
Neff, Harry D., Cambridge, Mass. Push broom or brush. 1,472,853; Nov. 6.
Neff, Harry D., Cambridge, assignor to Re-Filit Broom Company, Boston, Mass. Machine for making broom bundles or units. 1,461,015; July 3.
Neff, Henry H., Salamanca, N. Y. Apparatus for supplying gas to internal-combustion engines. 1,447,809; Mar. 6.
Neff, John, sr., West Hoboken, N. J. Airship. 1,459,742; June 26.
Neff, John H. (See Peed, Horace S., assignor.)
Neff, John P., East Orange, N. J., assignor to American Arch Company. Fire-box arch and arch bricks therefor. 1,470,697; Oct. 16.
Neft, Isidore, and H. P. Nass, Seattle, Wash. Protective curtain. 1,463,431; July 31.
Negbaur, Harry, New York, N. Y., assignor to E. & J. Bass, Incorporated. Ovenware and holder therefor. 1,450,330; Apr. 3.
Neggesmith, Hermie C., New York, N. Y. Collar clasp. 1,477,762; Dec. 18.
Negro, Luigi, Bucharest, Rumania. Universal cutting and kneading machine. 1,463,720; July 31.
Neher, John S., North Manchester, Ind. Removable silo cover. 1,451,082; Apr. 10.
Neher, Noah N., Whittier, Calif. Mower sharpener. 1,448,032; Mar. 13.
Neher, Samuel I., Keystone, Ind. Cultivator attachment for tractors. 1,462,022; July 17.
Neider, F. A., Company, The. (See Yates, Nathaniel, jr., assignor.)
Neighbour, Arthur G. L., Brighton, Victoria, Australia. Magneto-electric ignition machine. 1,449,345; Mar. 20.
Neighbour, Arthur G. L., Brighton, Victoria, Australia. Fluid pump and compressor. 1,449,538; Mar. 27.
Neighbour, Arthur G. L., Brighton, Victoria, Australia. Magneto-electric ignition machine. 1,467,062; Sept. 4.
Neighbour, Arthur G. L. and H. C. W., Brighton, Victoria, Australia. Means for pumping fluids. 1,449,537; Mar. 27.
Neighbour, Harry C. W. (See Neighbour, Arthur G. L. and H. C. W.)
Neighbour, Leonard B., assignor to Deere & Company, Moline, Ill. Elevator conveyer. 1,473,795; Nov. 13.
Neighbour, Leonard B., East Moline, assignor to Deere & Company, Moline, Ill. Swivel connection for elevator conveyers. 1,476,634; Dec. 4.
Neikirk, John O., assignor to National Dump Car Co., Chicago, Ill. Railway car. 1,446,627; Feb. 27.
Neikirk, John O., Lombard, assignor to Roger Ballast Car Company, Chicago, Ill. Car construction. 1,468,645; Sept. 25.
Neil, Arthur L., Brooklyn, N. Y. Combination furniture. 1,452,434; Apr. 17.
Neil, Joseph B., York, assignor of one-third to C. L. Cobb, Rock Hill, and one-third to J. C. Wilborn, York, S. C. Cotton picker. 1,456,645; May 29.
Neil, Joseph B., York, assignor of one-third to C. L. Cobb, Rock Hill, and one-third to J. C. Wilborn, York, S. C. Cotton picker. 1,458,433; June 12.
Neilan, Thomas J., Newark, N. J., and G. W. Zobanaky, Elmhurst, assignors to Cocoa Products Company of America Incorporated, Long Island City, N. Y. Cocoa butter and recovering same. 1,467,587; Sept. 11.
Neiley, Jewett F., Endicott, N. Y. Stamping attachment for hide splitters. 1,471,192; Oct. 16.
Neill, Edmond H., Austin, Tex. Mold cap. 1,445,542; Feb. 13.
Neill, Matthew C., Agassiz, British Columbia, Canada. Chair. 1,449,436. Mar. 27.
Neilly, Daniel H., assignor of one-fourth to W. P. Brinton, one-fourth to J. S. Brown, and one-fourth to G. W. Double, Bradford, Pa. Clasp. 1,446,058; Feb. 20.
Neils, Albert, assignor to Toledo Scale Company, Toledo, Ohio. Means for fastening articles in packing cases. 1,478,138; Dec. 18.
Neiman, Howard S. (See Rose, William H., assignor.)
Neinow, Otto J., Merrill, Wis. Bobsled. 1,456,142; May 22.
Neitzel, Frank E., San Francisco, Calif., assignor to Bethlehem Shipbuilding Corporation. Multiple-spindle drill. 1,457,387; June 5.
Neitzel, Frank E., San Francisco, Calif., assignor to Bethlehem Shipbuilding Corporation, Ltd., South Bethlehem, Pa. Multiple spindle drill. 1,466,145; Aug. 28.
Neldner, Edward E., Milwaukee, Wis. Internal-combustion engine. 1,460,728; July 3.
Nelems, Charles W., Birmingham, assignor of one-half to J. W. Riddle, East Lake, Ala. Folding hatchet. 1,457,930; June 5.
Nelis, Joseph J., Brooklyn, assignor to Power Specialty Company, New York, N. Y. Superheater. 1,475,924; Nov. 27.
Neller, Albert H., assignor to The Louden Machinery Company, Fairfield, Iowa. Animal stanchion. 1,451,402; Apr. 10.
Neller, Albert H., assignor to The Louden Machinery Company, Fairfield, Iowa. Division for animal mangers. 1,457,850; June 5.
Neller, Albert H., assignor to The Louden Machinery Company, Fairfield, Iowa. Guide for hoisting wheels. 1,458,354; June 12.
Nelson, Aaron F., Hollidaysburg, Pa. Dust cap for pneumatic-tire valves. 1,478,245; Dec. 18.
Nelson, Adolph L., assignor of one-third to C. S. Crawford, Indianapolis, Ind. Piston. 1,454,761; May 8.
Nelson, Adolph L., assignor of one-third to C. S. Crawford, Indianapolis, Ind. Piston. 1,454,762; May 8.
Nelson, Adolph L., assignor of one-third to C. S. Crawford, Indianapolis, Ind. Piston. 1,465,144; Aug. 14.
Nelson, Albert, Wheaton, Minn. Signal device for tire valves. 1,455,146; May 15.
Nelson, Albert, assignor to The American Brake Shoe & Foundry Company, Chicago, Ill. Molder's truck. 1,455,090; May 15.
Nelson, Albert, Chicago, Ill., assignor to The American Brake Shoe & Foundry Company, Wilmington, Del. Shaking-out device. 1,475,648; Nov. 27.
Nelson, Albert, deceased, Worcester, Mass.; E. J. Nelson, administratrix, assignor to E. J. Nelson, Worcester, Mass. Die-reaming machine. 1,474,939; Nov. 20.
Nelson, Albert, Chicago, and L. R. Wonderling, Maywood, Ill. Sand-cutting machine. 1,443,586; Jan. 30.
Nelson, Albert G., East Port Chester, Conn. Flashing. 1,442,172; Jan. 16.
Nelson, Albert U., Portland, Oreg. Clip attachment for pocket-carried devices. 1,478,049; Dec. 18.
Nelson, Alfred C., Lakewood, and E. J. Reilly, assignors to The William B. Pollock Company, Youngstown, Ohio. Liquid-metal transfer apparatus. 1,449,242; Mar. 20.
Nelson, Alfred C., Lakewood, assignor to The William B. Pollock Company, Youngstown, Ohio. Furnace-charging apparatus. 1,459,984; June 26.
Nelson, Alfred C., Lakewood, assignor to The William B. Pollock Company, Youngstown, Ohio. Ladle-tilting mechanism. 1,459,985; June 26.
Nelson, Alvin, and L. T. Du Bois, Vallejo, Calif. Emergency brake. 1,469,428; Oct. 2.
Nelson, Amos, Gledstone, West Marton, near Skipton, England. Mercerizing of cotton. 1,441,740; Jan. 9.
Nelson, Andrew, Milwaukee, Wis. Extension manifold. 1,452,213; Apr. 17.
Nelson, Andrew E., Mason City, Iowa. Order holder for film hangers. 1,464,157; Aug. 7.
Nelson, Andrew J., Milwaukee, Wis. Coupling. 1,471,055; Oct. 16.
Nelson, Andrew J. and E. M., St. Paul, Minn. Boat-propelling device. 1,470,865; Oct. 16.
Nelson, Anna J., Nome, Alaska. Necktie holder. 1,453,885; May 1.
Nelson, Arthur, Vancouver, British Columbia, Canada. Cardboard box. 1,478,791; Dec. 25.
Nelson, Arthur F., Harrisburg, Pa. Coin carrying and dispensing device. 1,445,347; Feb. 13.
Nelson, Arthur W., Williamsport, Pa. Sash-cord fastener. 1,448,146; Mar. 13.
Nelson, Arvid, Chicago, Ill. Rotary switch. 1,476,911; Dec. 11.
Nelson, Arvid R., Marathon, Iowa. End gate and mounting. 1,443,497; Jan. 30.
Nelson, Arvid R., Marathon, Iowa. Carburetor for internal-combustion engines. 1,445,100; Feb. 13.
Nelson, Axel H., Turlock, Calif. Concrete wall construction. 1,452,751; Apr. 24.
Nelson, Axel M., assignor to General American Tank Car Corporation, Chicago, Ill. Tank car. 1,472,488; Oct. 30.
Nelson Bros. & Strom Sales Co. (See Strom, Clifton O., assignor.)
Nelson, C., Manufacturing Company. (See Nelson, Charles, assignor.)
Nelson, Carl G., Chicago, Ill. Electric switch. 1,448,033; Mar. 13.
Nelson, Charles, assignor to C. Nelson Manufacturing Company, St. Louis, Mo. Brick-ice-cream container. 1,444,131; Feb. 6.
Nelson, Charles A. (See Hanson, G., and Nelson.)
Nelson, Charles A., East Berlin, Conn. Conveyer structure. 1,446,985; Feb. 27.
Nelson, Charles A., Utica, N. Y. Antifriction bearing. 1,467,063; Sept. 4.
Nelson, Charles A., Utica, N. Y., assignor to Savage Arms Corporation. Firearm. 1,446,763; Feb. 27.
Nelson, Charles A., assignor to Savage Arms Corporation, Utica, N. Y. Gun sight. 1,464,615; Aug. 14.
Nelson, Charles S., and M. E. Scannell, Omaha, Nebr. Signal for vehicles. 1,445,407; Feb. 13.
Nelson, Christian B., Chicago, Ill. Book-cover gauge. 1,460,348; June 26.
Nelson, Clare, Brooklyn, N. Y., assignor, by mesne assignments, to C. C. Orcutt. Paper-drying machine. 1,463,923; Aug. 7.

Alphabetical list of patentees—Continued.

Nelson, Clare, Brooklyn, assignor, by mesne assignments, to C. C. Orcutt, New York, N. Y. Paper-drying machine. 1,469,048; Sept. 25.
Nelson, Clayton L., St. Albans, Vt. Pipe coupling. 1,478,452; Dec. 25.
Nelson, Coral A., Binghamton, N. Y. Headlight attachment. 1,450,862; Apr. 3.
Nelson, De Witt, assignor to The Horton Manufacturing Company, Minneapolis, Minn. Device for obtaining variable speeds from constant-speed motors. 1,448,034; Mar. 13.
Nelson, Edward L. (See Bown, R., and Nelson.)
Nelson, Edward L., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Modulation circuits and measurement. 1,478,050; Dec. 18.
Nelson, Einer M., Providence, R. I. Radiator cap. 1,456,333; May 22.
Nelson, Elmer M. (See Nelson, Andrew J. and E. M.)
Nelson, Elmer O., Hatton, N. Dak. Loading apparatus. 1,477,712; Dec. 18.
Nelson, Evelyn J. (See Nelson, Albert, assignor.)
Nelson, Evelyn J., administratrix. (See Nelson, Albert.)
Nelson, George W., assignor to The Standard Sewing Machine Company, Cleveland, Ohio. Sewing machine. 1,468,319; Sept. 18.
Nelson, Harry W., Chicago, Ill. Therapeutic lamp. 1,470,698; Oct. 16.
Nelson, Henry J., Green Bay, Wis. Electro-therapeutic device. 1,465,615; Aug. 21.
Nelson, Henry L., Cannon Falls, Minn. Corn-husking machine. 1,458,721; June 12.
Nelson, Hjalmer A., Detroit, Minn. Memorandum attachment for automobiles. 1,450,446; Apr. 3.
Nelson, Hjalmer A., Detroit, Minn. Potato-sorting machine. 1,459,854; June 26.
Nelson, Ienar F., Racine, Wis. Grindstone. 1,448,857; Mar. 20.
Nelson, Ienar F., Racine, Wis. Grindstone. 1,460,171; June 26.
Nelson, Ivan J., Saginaw, Mich. Windshield wiper. 1,454,650. May 8.
Nelson, Jens, New York, N. Y. Trap. 1,445,543; Feb. 13.
Nelson, John. (See Balcker, Marten, assignor.)
Nelson, John, Ottawa, Kans. Rail-scarf-forming device. 1,442,355; Jan. 16.
Nelson, John, Ottawa, Kans. Shock absorber for railway crossings. 1,471,701; Oct. 23.
Nelson, John, assignor of one-half to E. Anderson, Chicago, Ill. Game apparatus. 1,474,488; Nov. 20.
Nelson, John A., Rock Island, Ill. Cement-block mold. 1,440,618; Jan. 2.
Nelson, Karl O., Milwaukee, Wis. Valve. 1,458,355; June 12.
Nelson, Lawrence C., Detroit, assignor to Stewart Manufacturing Corporation, Chicago, Ill. Carriage curtain window. 1,446,986; Feb. 27.
Nelson, Lawrence C., assignor to Stewart Manufacturing Corporation, Chicago, Ill. Carriage-curtain-window frame. 1,446,987; Feb. 27.
Nelson, Lawrence C., assignor to Stewart Manufacturing Corporation, Chicago, Ill. Carriage curtain window frame. 1,451,026; Apr. 10.
Nelson & Le Moon. (See Le Moon, Axel R., assignor.)
Nelson, Lewen R., Peoria, Ill. Nozzle. 1,467,807; Sept. 11.
Nelson, Louis, assignor to C. W. Lifschitz, New York, N. Y. Die press. 1,471,858; Oct. 23.
Nelson, M. Clifton, et al., trustees. (See Hill, Ernst V., assignor.)
Nelson, Martin L., assignor to Automatic Electric Company, Chicago, Ill. Private-branch-exchange system. 1,451,885; Apr. 17.
Nelson, Martin L., assignor to Automatic Electric Company, Chicago, Ill. Signaling apparatus for telephone systems. 1,451,886; Apr. 17.
Nelson, Martin L., assignor to Automatic Electric Company, Chicago, Ill. Automatic telephone system. 1,461,980; July 17.
Nelson, Nels P., Brooklyn, N. Y. Portable loader. 1,460,172; June 26.
Nelson, Nels S., Harvey, N. Dak. Trap. 1,473,505; Nov. 6.
Nelson, Nels T., Attleboro, assignor to J. F. Sturdy's Sons Co., Attleboro Falls, Mass. Buckle. 1,463,657; July 31.
Nelson, Nicolay. (See Barwell, J. W., Ward, Nelson, Hingher, Booth, and Blows.)
Nelson, Nordahl O., Westby, Wis. Runner carrier. 1,457,595; June 5.
Nelson, Otto, Crystal Falls, Mich. Washing machine. 1,451,447; Apr. 10.
Nelson, Otto, assignor of one-fourth to D. P. Teter and one-fourth to P. Lignell, Chicago, Ill. Gas engine. 1,461,494; July 10.
Nelson, Peter T., Gem, Kans. Water-elevating device. 1,457,995; June 5.
Nelson, Ralph A., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Production of hydrazanisol. 1,469,586; Oct. 2.
Nelson, Rose H., Wessington Springs, S. Dak. Basket carrier. 1,474,728; Nov. 20.
Nelson, Rudolph E. (See Mystrom, H. and Nelson.)
Nelson, Steven C., Finley, N. Dak. Grass eradicator. 1,457,996; June 5.
Nelson, Victor A., Portland, Oreg. Piston-ring remover. 1,444,981; Feb. 13.
Nelson, Victor E., Strathmore, Mich. Packing ring. 1,470,585; Oct. 9.
Nelson, Wilbur A., Nashville, Tenn. Fixation of atmospheric nitrogen. 1,465,310; Aug. 21.
Nelson, William, Brooklyn, N. Y. Combination table and ironing board. 1,468,728; Sept. 25.
Nelson, Wilmer I., Warren, Mich. Making knife handles. 1,473,121; Nov. 6.
Nelson, Winfield S., Commerce, Okla. Dinner pail. 1,472,667; Oct. 30.
Nemanich, Ralph A., Joliet, Ill. Portable folding shoeshine stand. 1,478,906; Dec. 25.
Nemecek, Stephen, Chicago, Ill. Cue tip. 1,450,605; Apr. 3.
Nemser Gowns, Inc. (See Nemser, Joseph, assignor.)
Nemser, Joseph, assignor to Nemser Gowns, Inc., New York, N. Y. Gown. Des. 61,984; Feb. 20.
Nenoff, Christ, Pittsburgh, Pa. Portable and collapsible shower bath. 1,450,218; Apr. 3.
Nenonen, John N., Aberdeen, Wash. Sanitary washbasin. 1,448,975; Mar. 20.
Neptune, Richard C., St. Louis, Mo. Roofing. 1,444,550; Feb. 6.
Ner-A-Car Corporation. (See Smith, Joseph A., assignor.)
Nercam, Henri, Constantine, Algerie, France. Frame for stretching canvases and the like. 1,443,923; Jan. 30.
Neri, Manuel H., Los Angeles, Calif. Device for spraying hot fluid substances. 1,457,634; June 5.
Nesbit, Arthur F. (See McGee, F. R., and Nesbit.)
Nesbit, Arthur F., Wilkinsburg, Pa. Art of producing electrical precipitation, etc. 1,440,886; Jan. 2.
Nesbit, Arthur F., Wilkinsburg, Pa. Electrical precipitation. 1,440,887; Jan. 2.
Nesbit, Arthur F., Wilkinsburg, Pa. Voltage regulator. 1,457,851; June 5.
Nesbit, Clair A., Fairburn, S. Dak. Concrete tie. 1,476,912; Dec. 11.
Nesbit, Walter F. (See Fuller, H. L., Nesbit, and Petterson.)
Nesheim, Anders H., Milwaukee, assignor, by mesne assignments, to Federal Steel Sash Company, Waukesha, Wis. Window. 1,476,098; Dec. 4.
Nesmith, Ralph H., assignor to Morgan & Wright, Detroit, Mich. Tire. Des. 63,480; Dec. 11.
Ness, Fred, Lake Andes, S. Dak. Wire tightener. 1,456,143; May 22.
Nessler, Charles, New York, N. Y. Artificial eyelashes and making same. 1,450,259; Apr. 3.
Nessler, Charles, New York, N. Y. Device for waving natural hair. 1,455,802; May 22.
Nessler, Sylvia, New Holland, Ill. Thermotherapeutic applicator. 1,473,506; Nov. 6.
Nestor Manufacturing Company. (See Cumner, M. S., and Geissenhainer, assignors.)
Nethercut, Edgar S. (See Colman, Howard D., assignor.)
Netograph Company. (See Rose, Leonard F., assignor.)
Netter, Adelaide F., executrix. (See Netter, Raphaël.)
Netter, Raphaël, deceased, New York, N. Y.; A. F. Netter, executrix. Attachment to sewing machines. 1,457,547; June 5.
Nettleton, Stanley, London, England. Actuating mechanism for reciprocating trough conveyers. 1,441,108; Jan. 2.
Neubauer, Curt, Mecklenburg, Germany. Process of and device for drawing bellied objects of sheet metal. 1,451,998; Apr. 17.
Neuberger, Henry C. (See Federicci, Albert, assignor.)
Neuberger, Henry C., New York, assignor to Interlocking Metal Forms Corporation, Tuckahoe, N. Y. Machine for molding building blocks. 1,462,614; July 24.
Neubert, Walter P., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Plunger lock with circuit controller for railway switches. 1,450,331; Apr. 3.
Neuberth, George E., Newark, N. J., assignor, by mesne assignments, to Packers' Equipment Co. Machine for forming sausage into links. 1,442,232; Jan. 16.
Neudorff, Frederick. (See Reid, R. R., and Neudorff.)
Neuenhaus, Heinrich. (See Kögel, G., and Neuenhaus.)
Neuenschwander, Ella, née Markmann. (See Neuenschwander, Johannes, assignor.)
Neuenschwander, Johannes, assignor to E. Neuenschwander, née Markmann, Neumunster, Germany. Manufacture of flowerpots, pipes, and other hollow articles of concrete. 1,441,704; Jan. 9.
Neuhaus, Hilda, Milford, Iowa. Post. 1,475,857; Nov. 27.
Neuland, Alfons H., Jersey City, N. J. Dynamo-electric machine. 1,449,539; Mar. 27.
Neuland, Alfons H., Jersey City, N. J. Dynamo-electric machine. 1,461,542; July 10.
Neuland, Alfons H., Jersey City, N. J., assignor to Neuland Electrical Company, Inc. Battery-charging system. 1,447,318; Mar. 6.
Neuland, Alfons H., assignor to Neuland Electrical Company, Inc., San Francisco, Calif. Power-transmission apparatus. 1,451,465; Apr. 10.

Neuland Electrical Company. (See Neuland, Alfons H., assignor.)
Neumaier, John E., assignor to The Lignite Pressed Coal Company, Dayton, Ohio. Molding press. 1,469,429; Oct. 2.
Neumann, Carl, New York, N. Y. Collar-button hook. 1,463,400; July 31.
Neumann, Edward. (See Neumann, Jakob S., assignor.)
Neumann, Hermann, Blackwell, Wis. Car-locking device. 1,448,672; Mar. 13.
Neumann, Jakob S., assignor to E. Neumann, Great Falls, Mont. Fish stop. 1,468,320; Sept. 18.
Neumann, John, Chicago, Ill. Building block or brick. 1,475,714; Nov. 27.
Neumann, R., Hardware Co., The. (See Isidor, Joseph S., assignor.)
Neumann, R., Hardware Co., The. (See Lotz, William A., assignor.)
Neumann, R., Hardware Co., The. (See Tueckmantel, Hugo, assignor.)
Neumann, R., Hardware Co., The. (See Willringhaus, Gustav, assignor.)
Neumayer, Frederick W., Baltimore, Md. Type-line-casting machine. 1,462,298; July 17.
Neumeyer, Fritz, Aktiengesellschaft. (See Drössel, Adolf F., assignor.)
Neumeyer, Horace F., Macungie, Pa. Fuel saver and decarbonizer. 1,471,411; Oct. 23.
Neunaber, John F., and L. E. Bartels, Bethalto, Ill. Road scraper. 1,450,815; Apr. 3.
Neupert, Clarence W., Buffalo, N. Y. Pump. 1,469,365; Oct. 2.
Neusella, Albert. assignor of one-half to A. A. Patterson, Chicago, Ill. Liquid for treating fabrics. 1,453,764; May 1
Nevel, Albert L., et al. (See Wentling, Lester M., assignor.)
Nevill, David J., Denver, Colo., assignor to The Stearns-Roger Manufacturing Company. Crusher. 1,459,340; June 19.
Nevill, David J., Denver, Colo., assignor to The Stearns Roger Manufacturing Company. Crushing machine. 1,464,536; Aug. 14.
Nevill, Frank I., Houston, Tex. Elevating liquids from great depths. 1,473,967; Nov. 13.
Nevill, Frank I., Houston, Tex. Adjuster for well-pumping apparatus. 1,473,968; Nov. 13.
Neville, Herbert. (See Wilkie, J. B., and Neville.)
Nevin, Robert C., Dayton, Ohio. Automatic milling machine. 1,465,453; Aug. 21.
Nevins, Vergil O. (See Nevins, Verna A. and V. O.)
Nevins, Verna A. and V. O., Hooker, Okla. Guard for gasoline lamps. 1,471,193; Oct. 16.
Nevitt, Henry G., Tampico, Mexico. Liquid and vapor separator. 1,452,253; Apr. 17.
Nevius, Condict M., Hornell, N. Y. Coffee mill. 1,459,790; June 26.
Nevius, Condict M., Hornell, N. Y. Coffee roaster. 1,459,791; June 26.
Nevius, George H., Shrewsbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nail polisher. Des. 63,234; Nov. 6.
Nevius, George H., Shrewsbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Shoe horn. Des. 63,235; Nov. 6.
New Bedford Tensioning Devices, Inc. (See Medeiros Emygdio S., assignor.)
New Departure Manufacturing Company, The. (See Hughes, Frederick G., assignor.)
New England Bedding Company. (See Mintz, Henry, assignor.)
New England Butt Company. (See McCahen, George F., assignor.)
New England Electric Company, The. (See Wade, Jem R., assignor.)
New England Metal Barrel Corporation, The. (See Felten, Abram V., assignor.)
New England Trust Company, The, trustee. (See Parks, E. F., Brink, and Taylor, assignors.)
New England Trust Company, The, trustee. (See Taylor, George N., assignor.)
New England Wood Heel Co. (See Shaw, Wesley J., assignor.)
New Era Manufacturing Company. (See Fanslow, Benjamin O., assignor.)
New Favorite Manufacturing Company, The. (See Schab, John W., assignor.)
New Haven Clock Co. (See Porter, Wilson E., assignor.)
New Haven Clock Co. (See Whitehead, Richard H., assignor.)
New Home Sewing Machine Company, The. (See Welker, Louis, jr., assignor.)
New Idea Spreader Co., The. (See Oppenheim, T. H., and Selhorst, assignors.)
New Jersey Can Company. (See Kashinsky, John, assignor.)
New Jersey Foundry and Machine Company. (See Hescock, Ethan N., assignor.)
New Jersey Foundry and Machine Company. (See Newhall, H. B., and Hescock, assignors.)
New Jersey Machine Corporation. (See Feybusch, M., and Fleischer, assignors.)
New Jersey Machine Corporation. (See Feybusch, M., and Severson, assignors.)
New Jersey Optical Co. (See Durgin, Edgar R., assignor.)
New Jersey Patent Company. (See Edison, Thomas A., assignor.)
New Jersey Patent Company. (See Haarlander, Otto J., assignor.)
New Jersey Patent Company. (See Haarlander, O. J., and Hydeloff, assignors.)
New Jersey Patent Company. (See Holland, Newman H., assignor.)
New Jersey Patent Company. (See Luhr, Charles W., assignor.)
New Jersey Patent Company. (See McIntosh, Frederick P., assignor.)
New Jersey Patent Company. (See Warner, Selden G., assignor.)
New Jersey Testing Laboratories. (See Meigs, Joseph V., assignor.)
New Jersey Twin Hoist Company. (See Gasser, Joseph, assignor.)
New Jersey Wire Cloth Company. (See Beers, Louis G., assignor.)
New Jersey Zinc Company, The. (See Borcherdt, Walter O., assignor.)
New Jersey Zinc Company, The. (See Breyer, F. G., and Finkeldey, assignors.)
New Jersey Zinc Company, The. (See Breyer, F. G., Hubbell, and Kerr, assignors.)
New Jersey Zinc Company, The. (See Finkeldey, W. H., and Peirce, assignors.)
New Jersey Zinc Company, The. (See Maxson, W. L., assignor.)
New Jersey Zinc Company, The. (See Myers, John F., assignor.)
New Jersey Zinc Company. (See Singmaster, J. A., and Breyer, assignors.)
New Liberty Washing Machine Company. (See Waite, Carlton K., assignor.)
New Method Stove Company. (See Blake, Arthur N., assignor.)
New Martinsville Glass Mfg. Co. (See Clarke, Ira M., assignor.)
New Process Acid Company. (See Harney, Thomas R., assignor.)
New Process Cork Company. (See Harrich, Paul, assignor.)
New Process Iron and Steel Company. (See Hundley, James, assignor.)
New Safety Paper Co. (See Ruzicka, Rudolph, assignor.)
New Way Laboratories Company. (See Faust, John F., assignor.)
New York Air Brake Company. (See Bickel, Henry F., assignor.)
New York Belting and Packing Company. (See Cobb, Henry Z., assignor.)
New York Blue Print Paper Co. (See Larsen, Victor P., assignor.)
New York Blue Print Paper Company. (See Linsner, Arthur F., assignor.)
New York Calculating Machine Company. (See De Simone, Michele G., assignor.)
New York Coil Company. (See Rhoades, Lewis T., assignor.)
New York Engineering Company. (See Ludlum, A. C., and Lowy, assignors.)
New York Lighting Fixture Manufacturing Co. (See Fleischauer, Fred, assignor.)
New York Mackintosh Clothing Company. (See Place, Charles A., assignor.)
New York Mills Corporation. (See Leiper, John, assignor.)
New Zealand Co-operative Dairy Company, The. (See Dance, Edward L., assignor.)
Newark Gear Cutting Machine Co. (See Eberhardt, Henry J., assignor.)
Newark Mask Co. (See Hanft, George A., assignor.)
Newark Tube Company. (See Snodgrass, H. E., and Hunter, assignors.)
Newark Watch Case Materials Company. (See Milné, Alexander, assignor.)
Newbauer, Falentine, assignor of one-tenth to C. C. Tankel, one-tenth to M. Beskin, one-tenth to E. Newmark, one-tenth to C. Finn, one-tenth to S. Gordon, and four one-hundredths to N. Rivkin, Minneapolis, Minn. Vertical-rising aeroplane and aerofoil. 1,446,718; Feb. 27.
Newberry, Andrew W., executor. (See Newberry, Spencer B.)
Newberry, Andrew W., et al. (See Newberry, Spencer B., assignor.)
Newberry, Arthur C., et al. (See Newberry, Spencer B., assignor.)
Newberry, George W., St. Louis, Mo. Paperhanger's shears holder. 1,460,434; July 3.
Newberry, Spencer B., deceased, Cleveland, Ohio; A. W. Newberry, executor, assignor to Medusa Concrete Waterproofing Company, Cleveland, Ohio. Making waterproofing for concrete and the product thereby produced. 1,471,410; Oct. 23.

Newberry, Spencer B., deceased, Cleveland, Ohio; A. W. Newberry, executor, assignor of one-half to A. W. Newberry and one-half to A. C. Newberry. Apparatus for burning cement material. 1,477,517; Dec. 11.
Newbold, David M., jr., Philadelphia, Pa. Cigar case. 1,472,806; Nov. 6.
Newburg, W. H. (See Garbacz, Albert, assignor.)
Newby, William, Youngstown, Ohio. Opening sheet and tin-plate packs. 1,450,863; Apr. 3.
Newby, William, Youngstown, Ohio. Opening sheet and tin-plate packs. 1,452,890; Apr. 24.
Newcomb, Edward C., North Scituate, Mass. Internal-combustion engine. 1,453,164; Apr. 24.
Newcomb, Edward C., Scituate, Mass., assignor to Standard Engineering Company, St. Louis, Mo. Valve mechanism. 1,454,331; May 8.
Newcomb, Melvin B., Akron, assignor to The Wellman-Seaver-Morgan Company, Cleveland, Ohio. Vulcanizing press. 1,446,478; Feb. 27.
Newcomb, Ralph W., Green Village, N. J. Device for controlling rotary motion of shafts, etc. 1,446,267; Feb. 20.
Newcomb, Robert E., Holyoke, Mass., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Hydraulic engine. 1,472,421; Oct. 30.
Newcomer, Paul S. (See Davis, H. A., and Newcomer.)
Newell, Allen, Albuquerque, N. Mex. Coding and decoding device. 1,441,109; Jan. 2.
Newell, Charles E., Cedar Rapids, Iowa. Loading spout. 1,476,830; Dec. 11.
Newell, George T., jr., Beverly, N. J., assignor to Westinghouse Electric & Manufacturing Company. Electrically-heated warming pad. 1,447,031; Feb. 27.
Newell, James A., Belfast, Ireland. Carburetor for internal-combustion engines. 1,442,535; Jan. 16.
Newell, John, Scarsdale, N. Y. Concrete wall block 1,469,678; Oct. 2.
Newell, Louis B., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. Des. 63,654; Dec. 25.
Newell Manufacturing Company. (See Gabrielson, Carl, assignor.)
Newell, Minton H., assignor to The Alloys Company, San Francisco, Calif. Metal dust and making the same. 1,456,035; May 22.
Newell, Peter S. H., Leonia, N. J., assignor to The Diamond Products Corporation, New York, N. Y. Toy. 1,440,487; Jan. 2.
Newell, Peter S. H., Leonia, N. J., assignor to The Diamond Products Corporation, New York, N. Y. Sounding toy. 1,440,488; Jan. 2.
Newell, Robert E., Irwin, Pa. Safety valve. 1,453,079; Apr. 24.
Newforth, Frank, jr., Norwood, Ohio, assignor to Automatic Electric Company, Chicago, Ill. Automatic telephone system. 1,442,086; Jan. 16.
Newhall, Henry B. (See Karitzky, John, assignor.)
Newhall, Henry B. (See Pleister, Henry W., assignor.)
Newhall, Henry B. (See Pleister, H. W., and Karitzky, assignors.)
Newhall, Henry B., executor. (See Karitzky, John, assignor.)
Newhall, Henry B., executor. (See Pleister, H. W., and Karitzky, assignors.)
Newhall, Henry B., formerly known as B. Newhall, jr. (See Pleister, Henry W., assignor.)
Newhall, Henry B., Plainfield, and E. N. Hescock, Westfield, N. J.; said Hescock assignor of his right to New Jersey Foundry and Machine Company. Power member. 1,468,916; Sept. 25.
Newhard, Allen G., Allentown, Pa. Circuit controller. 1,475,313; Nov. 27.
Newhard, John H. (See Fegely, J. P., and Newhard.)
Newhard, John H., Allentown, Pa. Container. 1,473,732; Nov. 13.
Newhard, Monte W., assignor of one-half to A. Bachert, Reading, Pa. Fender. 1,469,679; Oct. 2.
Newhouse, Frank, Denver, Colo. Advertising frame. 1,470,866; Oct. 16.
Newhouse, Ray C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Fuel feeder. 1,450,903; Apr. 3.
Newhouse, Ray C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Thrust bearing. 1,457,086; May 29.
Newkirk, William B., Edgewater, N. J., assignor to Corn Products Refining Company. Making grape sugar. 1,471,347; Oct. 23.
Newland, Barnet, New York, N. Y. Chandelier. Des. 62,494; June 12.
Newland, Barnet, New York, N. Y. Chandelier. Des. 62,495; June 12.
Newland, Charles L., London, England. Sound recording and reproducing instrument. 1,450,045; Mar. 27.
Newlands, Eleanor M., Freshwater Bay, Isle of Wight, England. Device for securing hats to the head. 1,441,875; Jan. 9.
Newlin, James C., Haverford, Pa. Shoe-tree. 1,469,238; Oct. 2.
Newlyn, Thomas J., El Paso, Tex. Face-powder box. Des. 62,434; May 29.
Newman, A. L., & Company. (See Newman, Almyr L., assignor.)
Newman, Albert G., Stanhope, Iowa. Feed cutter. 1,456,034; May 22.
Newman, Albert T., assignor of one-half to J. A. Rankin, Emporia, Kans. Carburetor. 1,475,404; Nov. 27.
Newman, Almyr L., Warwick, R. I., assignor to A. L. Newman & Company, Cranston, R. I. Bracelet or like article of jewelry. 1,473,796; Nov. 13.
Newman, Benjamin, New York, N. Y. Deodorizing apparatus. 1,477,183; Dec. 11.
Newman Clock Company. (See Brown, Russell S., assignor.)
Newman, Daniel C., Elyria, Ohio. Mechanism for molding concrete blocks. 1,451,049; Apr. 10.
Newman, Earnest, Lake Providence, La. Decoy. 1,457,388; June 5.
Newman, Edward A. (See Newman, Emil C. and E. A.)
Newman, Emil C., Cincinnati, Ohio, and E. A. Newman, Chicago, Ill. Containing cabinet. 1,457,744; June 5.
Newman, George W., Chicago, Ill., assignor to Wilson-Jones Loose Leaf Company. Transfer binder. 1,467,808; Sept. 11.
Newman, George W., Chicago, Ill., assignor to Wilson Jones Loose Leaf Company. Producing loose-leaf-binders covers. 1,470,282; Oct. 9.
Newman, George W., Chicago, Ill., assignor to Wilson-Jones Loose Leaf Company. Quick-release means for loose-leaf books. 1,473,247; Nov. 6.
Newman, Harry, Brooklyn, N. Y. Window cleaner. 1,472,190; Oct. 30.
Newman, Hugo, New York, N. Y. Loading means for film magazines for cameras. 1,460,435; July 3.
Newman, Isaac, I. Kern, and M. Kern, New York, N. Y. Catamenial appliance. 1,453,053; Apr. 24.
Newman, Isidor, New York, N. Y. Closure for receptacles. 1,450,260; Apr. 3.
Newman, J. F., Inc. (See Corbett, George E., assignor.)
Newman, John G., North Sydney, assignor to James Hardie and Company Limited, Sydney, New South Wales, Australia. Process and apparatus for manufacturing matches. 1,453,228; Apr. 24.
Newman, John G., North Sydney, assignor to James Hardie and Company Limited, Sydney, New South Wales, Australia. Match. 1,453,229; Apr. 24.
Newman, John J. and L. L., Rockwood, Pa. Newspaper clamp. 1,441,876; Jan. 9.
Newman, John J. and L. L., Rockwood, Pa. License-card holder. 1,475,025; Nov. 20.
Newman, Leopold, Pittsburgh, Pa. Trousers. 1,453,165; Apr. 24.
Newman, Lloyd L. (See Newman, John J. and L. L.)
Newman, Louis, Chicago, Ill. Passenger train and platform. 1,462,868; July 24.
Newman, Louis J., New Rochelle, N. Y. Resilient wheel. 1,466,099; Aug. 28.
Newman, Morris, Brooklyn, N. Y. Radiator. 1,443,237; Jan. 23.
Newman, Morris J., and M. Iannetti, Brooklyn, N. Y. Bed. 1,448,935; Mar. 20.
Newman, Samuel. (See Bothwell, Henry R., assignor.)
Newman, Samuel, Cincinnati, Ohio. Belt attachment. 1,463,172; July 31.
Newman, Samuel, New York, N. Y. Dental absorbent-roll holder. 1,469,049; Sept. 25.
Newman, Samuel S. (See Guenst, William, assignor.)
Newman, Thomas, assignor of one-half to V. B. Smith, Omaha, Nebr. Shovel attachment. 1,456,879; May 29.
Newman, William S., Alexandra, Victoria, Australia. Means of single-article delivery from containers. 1,461,981; July 17.
Newmark, Emanuel, et al. (See Newbauer, Falentine, assignor.)
Newnham, Eugene, St. Louis, Mo. Overload protective device for electric motors. 1,460,556; July 3.
Newport, Calvin C., assignor to Des Moines Incubator Company, Des Moines, Iowa. Sectional grain sprouter. 1,463,223; July 31.
Newsham, Roy V., Oakland, Calif. Combination billing system. 1,461,399; July 10.
Newsom, John F., Palo Alto, Calif. Electric control system. 1,468,321; Sept. 18.
Newsom, John F., Palo Alto, Calif. Time-controlled electric switch. 1,470,867; Oct. 16.
Newspaper Stuffing Machines Co. (See Halvorsen, Severin, assignor.)
Newton, Charles L., deceased, Pueblo, Colo.; M. F. Newton, administratrix. Wire reel or spool. 1,465,454; Aug. 21.
Newton, Dudley, San Francisco, Calif., assignor of one-half to W. A. Goericke. Device for flushing toilet fixtures. 1,461,284; July 10.
Newton, Earl W., Chicago, Ill. Cup or similar article. Des. 63,265; Nov. 13.
Newton, Herbert B., Brookline, Mass. Building construction. 1,449,540; Mar. 27.
Newton, Merle M., Colorado Springs, Colo. Separator. 1,462,121; July 17.
Newton, Mildred F., administratrix. (See Newton, Charles L.)
Newton, Richard T., New York, N. Y. Lubricating device. 1,463,765; July 31.
Newton, Richard T., New York, N. Y. Shock eliminator. 1,463,766; July 31.

Newton, Richard T., assignor to Arms Products Company, Inc., New York, N. Y. Projectile. 1,459,600; June 19.
Newton, Robert W., Providence, R. I. Automatic sprinkler. 1,450,219; Apr. 3.
Newton, Walter M., Dover, Del. Attachment for wheelbarrows. 1,476,635; Dec. 4.
Newton, William J., assignor to Harvey Hubbell, Incorporated, Bridgeport, Conn. Switch cover and support. 1,450,046; Mar. 27.
Newton, William J., assignor to Harvey Hubbell, Incorporated, Bridgeport, Conn. Fixture-hook fitting. 1,469,587; Oct. 2.
Newton, William J., assignor to Harvey Hubbell, Incorporated, Bridgeport, Conn. Switch. 1,470,868; Oct. 16.
Newtown Giant Incubator Corporation. (See Martin, Perry S., assignor.)
Niagara Machine & Tool Works. (See Lingdren, Bror J., assignor.)
Niagara Metal Stamping Corporation. (See Armstrong, Eliot, assignor.)
Niagara Sprayer Co. (See Allgrunn, Carl G., assignor.)
Niagara Sprayer Co. (See Knapp, E., Dickerson, and Begtrup, assignors.)
Nic-Heater Corporation. (See Nichols, James S., assignor.)
Nicholas, Charles W., Tarentum, Pa., assignor to W. P. Murphy, Chicago, Ill. Coupler release rigging. 1,469,430; Oct. 2.
Nicholas, James A., Egan, S. Dak. Mail box. 1,469,730; Oct. 2.
Nicholas, Lorena B., Los Angeles, and F. H. Heine, Santa Ana, Calif. Toy aeroplane. 1,443,964; Feb. 6.
Nicholas, Oley G., Los Angeles, Calif. Concrete-building form. 1,470,467; Oct. 9.
Nicholas Power Company. (See Ellwood, William, assignor.)
Nicholas Power Company. (See Uhlemann, Theodore F., assignor.)
Nicholas, Rollo L., assignor to W. Ratzenstein, Chicago, Ill. Bottle filling and capping machine or the like. 1,460,210; June 26.
Nicholas, Rollo L., and M. Goldberger, assignors to W. Ratzenstein, Chicago, Ill. Bottle-filling machine or the like. 1,460,211; June 26.
Nicholas, Wesley G., assignor to American Manganese Steel Company, Chicago, Ill. Electric-furnace melting of manganese scrap. 1,460,106; June 26.
Nicholas, Wesley G., Chicago Heights, assignor to American Manganese Steel Company, Chicago, Ill. Cast-steel railway-track member. 1,460,107; June 26.
Nicholas, William H., Wilkinsburg, Pa. Method and apparatus for casting rolls. 1,455,091; May 15.
Nicholaysen, John. (See Danckwortt, Thomas B., assignor.)
Nicholls, Arthur P. (See Bradshaw, E. A., Black, and Nicholls.)
Nicholls, William H., Brooklyn, N. Y. Molding machine. 1,472,807; Nov. 6.
Nichols, Clifford R., Dallas, Tex. Machine and process for manufacturing articles from plastic materials. 1,457,185; May 29.
Nichols, Clifford R., Dallas, Tex. Concrete-pipe-making machine. 1,473,969; Nov. 13.
Nichols Dehydrator Corporation. (See Andrea, Agnes L., assignor.)
Nichols, Elmer E., Oakland, Calif. Aeroplane. 1,461,700; July 10.
Nichols, Ernest F., New Haven, Conn., assignor to Government of the United States, represented by the Secretary of the Navy. Submarine mine. 1,466,915; Sept. 4.
Nichols, George J., Minneapolis, Minn. Combined spat and legging. Des. 62,741; July 24.
Nichols, Harold W., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Reamplifying system. 1,442,781; Jan. 16.
Nichols, Harold W., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Carrier radiotelephone system. 1,458,949; June 19.
Nichols, Harold W., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Vacuum-tube apparatus. 1,463,432; July 31.
Nichols, Harold W., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Signaling. 1,463,433; July 31.
Nichols, Harold W., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Relay. 1,478,051; Dec. 18.
Nichols, Harry J. (See Hustvedt, O. M., and Nichols.)
Nichols, Harry J., Washington, D. C. Water-impact fuse. 1,446,764; Feb. 27.
Nichols, Howard M., Swarthmore, Pa., assignor to The Atlantic Refining Company, Philadelphia, Pa. Barrel-making apparatus. 1,447,032; Feb. 27.
Nichols, Howard M., Swarthmore, assignor to The Atlantic Refining Company, Philadelphia, Pa. Container. 1,457,790; June 5.
Nichols, Ira G., Mandan, N. Dak. Denture. 1,466,543; Aug. 28.
Nichols, James S., assignor to Nic-Heater Corporation, Atlanta, Ga. Fireplace heater. Re15,577; Apr. 10.
Nichols, James S., assignor to Nic-Heater Corporation, Atlanta, Ga. Heating device for open fireplaces. Re15,717; Nov. 6.
Nichols, John. (See Seat, Woodford O., assignor.)
Nichols, Lloyd F. (See Braun, O. N., Nichols, and Underwood.)
Nichols, Louis C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Transformer. 1,476,172; Dec. 4.
Nichols, Malcolm P., New Haven, Conn. Headlight installation for automobiles. 1,450,510; Apr. 3.
Nichols, Robert, and T. L. Titus, Omaha, Nebr. Flush valve. 1,472,191; Oct. 30.
Nichols, Roland A., assignor of one-half to S. Morris, Winterhaven, Fla. Mausoleum. 1,442,087; Jan. 16.
Nichols, Starratt D., Buffalo, N. Y. Cup and saucer. Des. 62,407; May 22.
Nichols, Troy R., Mexia, Tex. Combined indicator and gauge. 1,460,436; July 3.
Nichols, Wesley G., Chicago Heights, assignor to American Manganese Steel Company, Chicago, Ill. Dipper tooth. 1,453,805; May 1.
Nichols, Wesley G., Chicago Heights, assignor to American Manganese Steel Company, Chicago, Ill. Railway crossing with renewable centers. 1,456,857; May 29.
Nichols, William B., Haddon Heights, assignor of one-half to T. E. Benson, Audubon, N. J. Sectional dehydrator. 1,478,879; Dec. 25.
Nichols, Winfield S., La Crosse, Wis. Plow. 1,444,354; Feb. 6.
Nicholson, Andrew I., assignor to Scotts' Shipbuilding & Engineering Company, Limited, Greenock, Scotland. Hydraulic gear for the control of engine valves. 1,472,613; Oct. 30.
Nicholson, Frank, assignor of seventy per cent to J. H. Lagreid and twenty-five per cent to A. H. Richards, Seattle, Wash. Quick-set wrench. 1,467,978; Sept. 11.
Nicholson, Frank H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,452,214; Apr. 17.
Nicholson, Frank H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,464,105; Aug. 7.
Nicholson, George W., and A. J. Kelly, assignors to Safety First Auto Tail-Light Company, Indianapolis, Ind. Automobile signal. 1,457,263; May 29.
Nicholson, Herbert, Chicago, Ill. Reenforced pneumatic-tire casing. 1,460,599; July 3.
Nicholson, Joshua B., Washington, D. C. Automatic dirigible lamp support. 1,475,080; Nov. 20.
Nicholson, Niels C., assignor to Seattle-Astoria Iron Works, Seattle, Wash. Fish-dressing machine. 1,471,567; Oct. 23
Nicholson, Robert. (See Rotstein, M., and Nicholson.)
Nicholson, Samuel W., assignor to The Willys-Overland Company, Toledo, Ohio. Seat construction. 1,471,001; Oct. 16.
Nicholson, Stanley W., assignor to The Dura Company, Toledo, Ohio. Handle mounting for window regulators. 1,451,234; Apr. 10.
Nicholson, Stanley W., assignor to The Dura Company, Toledo, Ohio. Window strip for vehicle windows. 1,473,310; Nov. 6.
Nicholson, Tom B., Los Angeles, Calif. Lock for pivoted links. 1,446,924; Feb. 27.
Nicholson, W. D. (See La Tulip, Fred L., assignor.)
Nicholson, William S., Rochester, N. Y. Candy depositor. 1,466,338; Aug. 28.
Nickerson, Albert L., Brockton, Mass. Container. 1,441,705; Jan. 9.
Nickerson, Victor H., Cotuit, Mass. Drive-well point and strainer. 1,448,233; Mar. 13.
Nickerson, William E., Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Reenforced blade. 1,458,192; June 12.
Nickerson, William E., Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Screening apparatus. 1,458,434; June 12.
Nickerson, William H., Brookline, Mass. Shank stiffener. 1,459,239; June 19.
Nickerson, William H., Brookline, Mass. Shank stiffener. 1,462,798; July 24.
Nickley, John C., and S. Elmlinger, Reading, Ohio. Traffic signal. 1,446,315; Feb. 20.
Nicolaides, Victor E., Lancaster, Calif. Portable head for irrigation risers. 1,455,406; May 15.
Nicolardot, Henri, Boulogne-sur-Seine, France. Nonpuncturing air chamber. 1,467,557; Sept. 11.
Nicolaus, Frederic G., and J. Roy, Cleveland, Ohio, assignors to American Stove Company, St. Louis, Mo. Stove-door frame and hinge therefor. 1,455,732; May 15.
Nicole, Louis, London, England. Milling, drilling, and grinding appliance for lathes. 1,450,447; Apr. 3.
Nicoll, William W. (See McEwan, Hugh, assignor.)
Nicolson, Alexander M., assignor to Western Electric Company, Incorporated, New York, N. Y. Thermionic translating device. 1,459,412; June 12.
Nicolson, Alexander M., assignor to Western Electric Company, Incorporated, New York, N. Y. Selective apparatus for signaling circuits. 1,464,104; Aug. 7.

Nicolson, Alexander M., assignor to Western Electric Company, Incorporated, New York, N. Y. Television. 1,470,696; Oct. 16.
Nicolson, William S., Salisbury, N. C. Soda fountain and ice-cream cabinet. 1,465,021; Aug. 14.
Niebler, Hilda A., Racine, Wis. Display cap hanger. 1,471,191; Oct. 16.
Nied, Fred A., Akron, Ohio., assignor to The B. F. Goodrich Company, New York, N. Y. Pneumatic tire. Des. 63,140; Oct. 16.
Niedecken, Edward F., assignor to Hoffman & Billings Mfg. Company, Milwaukee, Wis. Waste mechanism. 1,445,101; Feb. 13.
Niederman, Edward. (See Cowell, Nelson H., assignor.)
Niedner, Adolph O., assignor to Niedner Rifle Barrel Co., Dowagiac, Mich. Shell-loading tool. 1,449,775; Mar. 27.
Niedner Rifle Barrel Co. (See Niedner, Adolph O., assignor.)
Nielsen, Alfred, Hovik, near Christiania, Norway. Electric heating plate. 1,465,478; Aug. 21.
Nielsen, Andreas, San Juan Bautista, Calif. Folding float. 1,456,397; May 22.
Nielsen, Andrew C., Cleveland, Ohio. Toothpick. 1,468,125; Sept. 18.
Nielsen, Chris, Ruthven, Iowa. Gate-operating device. 1,446,719; Feb. 27.
Nielsen, Emanuel, assignor to Hamilton-Beach Mfg. Co. Racine, Wis. Sewing-machine motor. 1,474,604. Nov. 20.
Nielsen, Harald, London, and B. Laing, Hatfield, England. Stuffing box for rotary driers, kilns, calcining furnaces, retorts, or the like. 1,460,764; July 3.
Nielsen, Jens V., Milwaukee, Wis. Mowing machine. 1,447,881; Mar. 6.
Nielsen, Laurits A., Seattle, Wash. Concrete insert. 1,460,035; June 26.
Nielsen, Niels, Lincoln, Nebr. Engine-supporting stand. 1,450,511; Apr. 3.
Nielsen, Niels, Pittsburg, Calif. Asparagus cutter. 1,454,555; May 8.
Nielsen, Niels D., Elyria, Ohio. Rubber composition. 1,463,905; Aug. 7.
Nielson, Niels, Los Angeles, Calif. Self-filling fountain pen. 1,478,577; Dec. 25.
Niemczewski, Aloysius, Elmira, N. Y. Flower stand. 1,451,515; Apr. 10.
Niemiec, Joseph, and W. Zdunek, Newark, N. J. Manufacturing textiles and articles of manufacture. 1,446,316; Feb. 20.
Niendorff, Charles W. E. (See Margles, S. G., and Niendorff.)
Nienkirk, William B., Maquoketa, Iowa. Apparatus for burning in bearings of internal-combustion motors. 1,466,740; Sept. 4.
Niermeyer, Henry W., Utica, N. Y. Stopping device for knitting machines. 1,471,802; Oct. 23.
Nies, John D., St. Charles, assignor to Kimble Electric Company, Chicago, Ill. Motor construction. 1,476,412; Dec. 4.
Niese, Henry E., Morristown, N. J., assignor to The American Sugar Refining Company, New York, N. Y. Apparatus for drying char. 1,452,166; Apr. 17.
Niesman, Charles P., Freeport, Ill. Saw-setting tool. 1,450,220; Apr. 3.
Nietz, Gustav, Richmond Hill, N. Y. Heater. 1,454,556; May 8.
Nietzel, Oswald, Elizabeth, N. J. Combination curtain and shade holder. 1,454,557; May 8.
Night Aero Advertising Corporation. (See Mitchell, H. W., and La Grassa, assignors.)
Nihoul, Armand, Villeneuve-le-Roi and C. Clere, Paris, France. Manufacture of zinc white. 1,463,483; July 31.
Nikaido, Yasujuro. (See Molony, S. B., and Nikaido.)
Nikander, August, assignor of one-half to S. E. Rothstein, Detroit, Mich. Scribing tool. 1,465,230; Aug. 14.
Nikart, Joseph G., Virginia, Minn. Lunch kit. 1,460,108; June 26.
Nilant, Charles P. L., Haarlem, Netherlands. Drafting instrument. 1,459,792; June 26.
Niles-Bement-Pond Company. (See Blood, Harold L., assignor.)
Niles-Bement-Pond Company. (See Cole, Lyndon C., assignor.)
Niles-Bement-Pond Company. (See Cullen, James K., assignor.)
Niles-Bement-Pond Company. (See Draeseke, A. W., and Parkes, assignors.)
Niles-Bement-Pond Company. (See Hagman, William J., assignor.)
Niles-Bement-Pond Company. (See Lace, Raymond F., assignor.)
Niles-Bement-Pond Company. (See Pyle, Lewis M., assignor.)
Niles-Bement-Pond Company. (See Randolph, Clifford F., assignor.)
Niles-Bement-Pond Company. (See Sears, Willard T., assignor.)
Niles-Bement-Pond Company. (See Wais, Albert C., assignor.)
Nilsen, Oskar. (See Olsen, H. O., and Nilsen.)
Nilson, A. H., Machine Co., The. (See Olson, Mauritz, assignor.)
Nilson, Andrew, assignor to Eureka Smokeless Furnace Co., Chicago, Ill. Furnace. 1,443,800; Jan. 30.
Nilson, Emil. (See Kivikink, A. E., and Nilson.)
Nilson, Gustaf A., Chicago, Ill. Stand. 1,444,936; Feb. 13.
Nilson, Harold and L., Wyzata, Minn. Traction machine. 1,446,479; Feb. 27.
Nilson, Harold G., Detroit, Mich. Loading attachment for trucks. 1,458,775; June 12.
Nilson, Lars G., Hoboken, N. J., assignor of one-fourth to F. P. Fahy, New York, N. Y. Brake mechanism. 1,445,232; Feb. 13.
Nilson, Leonard. (See Nilson, Harold and L.)
Nilsson, George F., sr., Pasadena, Calif. Elevated aerial trolley transport. 1,468,508; Sept. 18.
Nilsson, Hjalmar. (See Anderson, Ole, assignor.)
Nilsson, Martin, and N. S. Harrison, Peekskill, assignors to The Fleischmann Company, New York, N. Y. Producing yeast. 1,449,127; Mar. 20.
Nilsson, Nils O., Worcester, Mass. Rat trap. 1,454,941; May 15.
Nims, Frank B. and V. J., Stockton, Calif. Water circulator for gas engines. 1,459,160; June 19.
Nims, Voigt J. (See Nims, Frank B. and V. J.)
Ninety Nine Publishing Company. (See Cossitt, Harold R., assignor.)
Ninety Nine Publishing Company. (See Cossitt, H. R., and Sinel, assignors.)
Ninow, Walter L., and R. C. Mittelstaedt, Milwaukee, Wis. Trap. 1,444,132; Feb. 6.
"Nips" Incorporated. (See Goodchild, Walter, assignor.)
Nisbet, David F., Crafton, assignor to Mackintosh-Hemphill Company, Pittsburgh, Pa. Manipulator for rolling mills. 1,462,454; July 17.
Nish, William S. (See King, J. C., and Nish.)
Nishkian, Leon H., San Francisco, Calif. Door. 1,476,097; Dec 4.
Nissen, Detlev. (See Kalischer, G., Müller, and Nissen.)
Nissen, Eugene F., Alameda, Calif. Envelope fastener. 1,456,036; May 22.
Nissen, Eugene F., Alameda, Calif. Envelope machine. 1,461,827; July 17.
Nissen, Henry C. (See Ringe, J. C., and Nissen.)
Nissley, Jacob H. (See Horn, R. W. P., and Nissley.)
Nitrogen Corporation, The. (See Arnold, Edward E., assignor.)
Nitrogen Corporation, The. (See Arnold, E. H., and Wakeford, assignors.)
Nitrogen Corporation, The. (See Clancy, John C., assignor.)
Nitrogen Corporation, The. (See Nagelvoort, Adriaan, assignor.)
Nitrum Aktiengesellschaft. (See Siebert, Werner, assignor.)
Nitsch, Charles H., and W. A. Weightman, Logan, Philadelphia, assignors to Stokes & Smith Company, Summerdale, Philadelphia, Pa. Package-feed mechanism. 1,453,720; May 1.
Nitsch, Charles H., Logan, and T. A. Federwitz, Nicetown, assignors to Stokes & Smith Company, Philadelphia, Pa. Machine for gumming and conveying blanks. 1,472,614; Oct. 30.
Nitsch, Charles H., and W. A. Weightman, Logan, Philadelphia, assignors to Stokes & Smith Company, Summerdale, Philadelphia, Pa. Labeling machine. 1,476,636; Dec. 4.
Nitsch, Charles H., and W. A. Weightman, Logan, Philadelphia, and W. H. Streeper, Frankford, Philadelphia, Pa., assignors to Stokes & Smith Company, Summerdale, Philadelphia, Pa. Stay or tab applying machine. 1,451,782; Apr. 17.
Nix, James L., Homer City, Pa. Golf club. 1,446,577; Feb. 27.
Nixon, Moses C., Chicago, Ill. Windmill. 1,444,551; Feb. 6.
Nixon, Moses C., Chicago, Ill. Windmill. 1,463,434; July 31.
Nixon, Robert F., jr., assignor to G. A. Reach, Philadelphia, Pa. Form for baseball gloves. 1,475,239; Nov. 27.
Nizer Laboratories Company. (See Replogle, John R., assignor.)
Noack, Carl O., Stamford, Conn., assignor to The Hammond Typewriter Company. Folding typewriter. 1,452,254; Apr. 17.
Noah, John G. (See Martin, H. L., Noah, and Boggan.)
Nobbs, George H., Watertown, Mass. Apparatus for cleaning air. 1,460,976; July 3.
Nobbs, George H., Watertown, Mass. Tractor appliance. 1,466,802; Sept. 4.
Nobbs, George H., Quincy, assignor to The Phoneharp Company, East Boston, Mass. Playing attachment for zithers. 1,444,003; Feb. 6.
Nobiensky, Walter W., Janesville, Wis. Steam board. 1,461,930; July 17.
Nobis, Harry M., East Cleveland, Ohio. Humidifier for furnaces. 1,455,930; May 22.
Nobis, Harry M., East Cleveland, Ohio. Method of and apparatus for smoke prevention. 1,463,629; July 31.
Noble, Albert E., Anniston, Ala. Car truck. 1,470,869; Oct. 16.

Noble, Boughton T., Plantsville, assignor to Clark Bros. Bolt Co., Milldale, Conn. Forming bolts. 1,466,244; Aug. 28.
Noble, Boughton T., Plantsville, assignor to Clark Bros. Bolt Co., Milldale, Conn. Dies for forming bolts. 1,466,245; Aug. 28.
Noble, Charles, Sisson, Calif. Motor logging tractor. 1,474,282; Nov. 13.
Noble, Edward I. (See Shee, Parke E., assignor.)
Noble, F. H., & Company. (See Rea, Edwin F., assignor.)
Noble, F. H., & Company. (See Ruskin, Sidman, assignor.)
Noble, George H., Atlanta, Ga. Needle holder. 1,445,348; Feb. 13.
Noble, Louis H., Philadelphia, Pa. Portable umbrella stand. 1,462,615; July 24.
Noble, Oliver E., Manhattan, Kans. Drafting device. 1,460,497; July 3.
Noble, Roy L., Sac City, Iowa. Draft equalizer. 1,453,886; May 1.
Noble, Warren, et al., trustees. (See Noble, Warren, assignor.)
Noble, Warren, assignor to W. H. Thornley and W. Noble, trustees, Providence, R. I. Rod and arm combination. 1,447,222; Mar. 6.
Nobles, Lemuel W., Washington, D. C. Combined parking bumper and theft indicator. 1,465,245; Aug. 14.
Nobuhara, Kantaro, Muko-gun, Hyogo-ken, Japan. Rotary electric machine. 1,443,644; Jan. 30.
Nobuhara, Kantaro, Muko-gun, Hyogo-ken, Japan. Rotary electric machine. 1,453,166; Apr. 24.
Nock, Harold E. (See Kinsman, W. A., and Nock.)
Nock, Harold E., assignor to Towle Manufacturing Company, Newburyport, Mass. Spoon or analogous article. Des. 63,430; Dec. 4.
Nock, Harold E., assignor to Towle Manufacturing Company, Newburyport, Mass. Spoon or analogous article. Des. 63,431; Dec. 4.
Nock, Harold E., assignor to Towle Manufacturing Company, Newburyport, Mass. Spoon or analogous article. Des. 63,432; Dec. 4.
Noe, Charles S., Chicago, and J. Kaufman, Fox Lake, Ill. Ignition device. 1,456,188; May 22.
Noe, Hughlett L. (See Miller, F., and Noe.)
Noe, Walter R., New York, N. Y. Pencil. 1,455,170; May 15.
Noe, William R., & Sons. (See Roettges, Frederick, assignor.)
Noeggerath, Jacob E., The Hague, Netherlands. Viscosity pump. 1,448,079; Mar. 13.
Noeggerath, Jacob E., The Hague, Netherlands. Pumping body for viscosity pumps with curved pumping grooves. 1,448,080; Mar. 13.
Noël, Cadet, Levallois-Perret, France. Resilient tire for vehicle wheels. 1,477,518; Dec. 11.
Noel, John S., Grand Rapids, Mich. Acetylene-generating apparatus. 1,447,396; Mar. 6.
Noel, Joseph, et al. (See Compton, Edward J., assignor.)
Noel, Mae, Washington, D. C. Plaiting apparatus. 1,457,997; June 5.
Noelting, William H. (See Smithfield, E. A., and Noelting.)
Noelting, William H., assignor to Faultless Caster Company, Evansville, Ind. Leg-mount caster support. 1,473,379; Nov. 6.
Noetzli, Fred A., Berkeley, Calif. Dam. 1,455,092; May 15.
Nofsinger, Frank B., Kansas City, Mo. Cartridge box. 1,455,803; May 22.
Noftzger, Charles F. (See Braley, Charles L., assignor.)
Nogrady, Andor T., Wyandotte, Mich., assignor to The Nogrady Differential Company, Wichita, Kans. Axle. 1,444,937; Feb. 13.
Nogrady Differential Company, The. (See Nogrady, Andor T., assignor.)
Noha, William P., Baltimore, Md. Envelope. 1,467,393; Sept. 11.
Noiseless Typewriter Company, The. (See Going, George G., assignor.)
Nokes, Charles M., assignor to Eureka Metallurgical Company, Salt Lake City, Utah. Flotation process and composition. 1,444,552; Feb. 6.
Nolan, Clyde, Elkhart, Ind. Overhead conveyer system. 1,440,406; Jan. 2.
Nolan, Edmund, and C. W. Walters, Detroit, Mich. Grease-gun filler. 1,471,056; Oct. 16.
Nolan, Francis A., St. Paul, Minn. Resilient tread for footwear. 1,452,089; Apr. 17.
Nolan, James A., Bowerston, Ohio. Feeding and weighing device. 1,469,680; Oct. 2.
Nolan, John R., New York, N. Y. Razor-strop protector 1,442,088; Jan. 16.
Nolan, John R., New York, N. Y., assignor to The Diamond Match Company, Chicago, Ill. Machine for making match books. 1,468,310; Sept. 18.
Noland, David E., assignor of one-half to G. T. Alward, Marshall, Ind. Brooder. 1,456,398; May 22.
Noland, John D., assignor to Layne and Bowler Company, Memphis, Tenn. Centrifugal pump. 1,456,906; May 29.
Nolde & Horst Co., The. (See Gosch, William H., assignor.)
Nolde & Horst Co., The. (See Vogt, John H., assignor.)
Nolde, John W. (See Johnson, J. W., and Nolde.)
Nole, Vito, Newark, N. J. Curtain-supporting attachment. 1,453,689; May 1.
Nolen, Emmie T. (See Cook, Clara L., assignor.)
Nolen, James G., New York, N. Y. Auxiliary fuel reservoir. 1,443,428; Jan. 30.
Noll Aluminum Heel Co. (See Noll, William, assignor.)
Noll, Charles, Cleveland, Ohio. Plastic composition. 1,468,029; Sept. 18.
Noll, Henry J., Milwaukee, Wis. Front-wheel brake. 1,466,146; Aug. 28.
Noll, William, assignor to Noll Aluminum Heel Co., Chicago, Ill. Metal heel. 1,469,681; Oct. 2.
Noller, George W., Three Oaks, Mich. Hasp and staple. 1,445,157; Feb. 13.
Nolting, Philip H., Jersey City, N. J. Watch guard. 1,454,763; May 8.
Nomburg, Emil, Newark, N. J., assignor to J. Nomburg, New York, N. Y. Fuse plug. 1,472,082; Oct. 30.
Nomburg, Joseph. (See Nomburg, Emil, assignor.)
Nomicos, James A., Chicago, Ill. Vehicle bumper. 1,454,133; May 8.
Nonak Stropper Company. (See Welch, T. F., and Reynolds, assignors.)
Nonneman, Ira W., assignor to The Borden Company, Warren, Ohio. Adapter for diestocks. 1,459,240; June 19.
Noonan, John J., Obion, Tenn. Insect trap. 1,445,906; Feb. 20.
Noonan, Maurice J., East Providence, R. I. Anti-sparrow-roosting device. 1,478,139; Dec. 18.
Nord, Nels A., Red Wing, Minn. Building block. 1,453,806; May 1.
Nordberg, Bruno V., Milwaukee, Wis. Compressor. 1,467,489; Sept. 11.
Nordblad, Gunnar F., assignor to R. M. Burns, Chicago, Ill. Weather strip. 1,451,466; Apr. 10.
Norddeutsche Metallwarenfabrik G. m. b. H., et al. See Hirtschulz, Kurt, assignor.)
Nordell, Carl, Gilbertville, Mass. Roll cover. 1,456,458; May 22.
Nordell, Eskel, Chicago, Ill. Coating appliance. 1,466,456; Aug. 28.
Norden, S., & Company. (See Norden, Svan, assignor.)
Norden, Svan. (See Brown, J. H., and Norden.)
Norden, Svan, Cranston, R. I., assignor to S. Norden & Company, Providence, R. I. Machine for tipping shoe laces. 1,446,059; Feb. 20.
Nordensson, Carl O., Pittsburgh, Pa., and L. B. Mettler, Oklahoma, Okla., assignors to Duquesne Burner Service Co., Pittsburgh, Pa. Combination gas and oil burner. 1,476,913; Dec. 11.
Nordenstam, Johan K., Strathcona, Minn. Trap. 1,453,167; Apr. 24.
Nordgren, Helen V., Gillette, Wyo. Corset. 1,448,569; Mar. 13.
Nordin, Josef A., assignor to Aktiebolaget Stille-Werner, Stockholm, Sweden. Knife guard for meat-slicing machines. 1,449,832; Mar. 27.
Nordman, Anna C., Kirkwood, Mo. Detachable fusee and torpedo holder for railway lanterns. 1,471,194; Oct. 16.
Nordmeyer, Louis C., St. Louis, Mo. Process and apparatus for making ice. 1,461,828; July 17.
Nordquist, Louis, Galeton, Pa. Aeroplane. 1,453,230; Apr. 24.
Nordstrom, Alfred, et al. (See Kropp, Charles A., assignor.)
Nordstrom, Elof, Newark, N. J., assignor, by mesne assignments, to American Dan Bottle Seal Corporation. Machine for feeding vessels. 1,452,843; Apr. 24.
Nordstrom, Elof, East Orange, N. J., assignor, by mesne assignments, to American Dan Bottle Seal Corporation. Bottle-capping machine. Re15,612; May 22.
Nordstrom, Elof, Newark, N. J., assignor, by mesne assignments, to American Dan Bottle Seal Corporation. Metal-stamping mechanism. 1,463,906; Aug. 7.
Nordstrom, Elof, East Orange, N. J., assignor to American Dan Bottle Seal Corporation, Dover, Del. Sorting machine. 1,472,279; Oct. 30.
Nordstrom, Elof, Newark, N. J., assignor, by mesne assignments, to American Dan Bottle Seal Corporation. Crimping device for bottle-capping machines. 1,472,489; Oct. 30.
Nordstrom, Even J., assignor of one-half to The Merrill Company, San Francisco, Calif. Valve. 1,469,762; Oct. 2.
Nordstrom, Gustave P., Chicago, Ill. False bottom for cooking utensils. 1,453,054; Apr. 24.
Nordström, Leon, Stockholm, Sweden. Lumber-transporting device. 1,466,547; Aug. 28.
Nordström, Otto, Sundsvall, Sweden. Recovering valuable products from gases. 1,471,276; Oct. 16.
Nordström, Otto, Sundsvall, Sweden. Drying plant. 1,476,637; Dec. 4.
Nordstrom, William A., Jamestown, N. Y. Accelerator for motor-car engines. 1,452,982; Apr. 24.
Nordyke & Marmon Company. (See Marmon, Howard C., assignor.)

Norelius, Emil F., Peoria, Ill., assignor to The Holt Manufacturing Company, Stockton, Calif. Resilient push rod for tractor truck mechanism. 1,442,580; Jan. 16.
Noriega, Alberto, New York, N. Y. Ore classifier. 1,456,563; May 29.
Norland, Luther A., Sanford, Colo Sickle holder. 1,475,858; Nov. 27.
Norling, Reinhold A., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Portable power hoist. 1,459,032; June 19.
Norlund, Olof A., Williamsport, Pa. Folding brace. 1,453,989; May 1.
Norlund, Olof A., and F. Oehrli, Williamsport, Pa. Lock housing for screws or bolts. 1,447,564; Mar. 6.
Norma Company of America. (See Bott, George R., assignor.)
Norma Company of America, The. (See Cooper, Thomas W., assignor.)
Norma Company of America, The. (See Mueller, Frederick E., assignor.)
Norman, Charles E., Chicago, Ill. Pipe-supporting means. 1,450,640; Apr. 3.
Norman, Fred G., Davenport, Iowa. Camera bellows. 1,447,955; Mar. 6.
Norman, James M., assignor to Dowman Dozier Mfg. Co., Atlanta, Ga. Metal protection for building walls. 1,473,584; Nov. 6.
Norman, Thomas E., Fall River, Mass. Filling guiding and tension mechanism for loom shuttles. 1,475,919; Nov. 27.
Normandi, Norman L., San Francisco, assignor to V. R. Will, Lodi, Calif. Perfume-burning lamp. Des. 63,266; Nov. 13.
Normandin, Louis A., Swansea Center, Mass. Power attachment for automobiles. 1,470,636; Oct. 16.
Norqual, Nels, Flora, N. Dak. Front and four wheel drive. 1,476,413; Dec. 4.
Norrel, Anders, Zurich, Switzerland. Apparatus for truing up commutators, hip rings, drums, and the like. 1,463,224; July 31.
Norris, Albert L., Jacksonville, Fla. Rotary brush. 1,460,765; July 3.
Norris, Almon E., Brookline, Mass. Loading mechanism. 1,443,377; Jan. 30.
Norris, Almon E., Brookline, Mass. Hoisting apparatus. 1,447,624; Mar. 6.
Norris, Almon E., Brookline, Mass. Truck crane 1,448,814; Mar. 20.
Norris, Almon E., Brookline, Mass. Automobile winch. 1,450,301; Apr. 3.
Norris, Almon E., Brookline, Mass. Automobile winch. 1,450,302; Apr. 3.
Norris, Almon E., Brookline, Mass. Hoisting device. 1,473,248; Nov. 6.
Norris, Almon E., Brookline, Mass. Cable-winding apparatus. 1,478,756; Dec. 25.
Norris, Charles B., Grand Rapids, Mich., assignor to Haskelite Manufacturing Corporation. Scarfing machine. 1,473,733; Nov. 13.
Norris, Elmer B., Buffalo, N. Y. Turnover plate and pattern for molding machines. 1,441,166; Jan. 2.
Norris, George E., Columbus, Ohio. Mortising machine. 1,469,170; Sept. 25.
Norris, George E., assignor to The Perfection Mortising Machine Company, Columbus, Ohio. Vending machine. 1,464,682; Aug. 14.
Norris, George H., and E. A. Ernest, assignors to Wisconsin Iron & Wire Works, Milwaukee, Wis. Wire-weaving machine. 1,472,988; Nov. 6.
Norris, George L., Wilmington, Del. Centering and clamping means for saws and other articles. 1,459,683; June 19.
Norris, Jack, assignor to United Specialty Co., Spokane, Wash. Combined jack and tire tool. 1,447,625; Mar. 6.
Norris, James F., and E. O. Cummings, Cambridge, Mass. Making succinic acid. 1,457,791; June 5.
Norris, John E., assignor to Indianapolis Manufacturing Company, Indianapolis, Ind. Trimmer for battery separators. 1,454,399; May 8.
Norris, Marvin L., Fort Wayne, Ind., assignor to General Electric Company. Friction governing device. 1,457,745; June 5.
Norris, Paul B., Robinson, Ill. Fluid-fuel burner. 1,446,514; Feb. 27.
Norris, Paul E., Swissvale, Pa., assignor to Willard Storage Battery Company, Cleveland, Ohio. Casting machine. 1,467,490; Sept. 11.
Norris, Rolla V., Porterville, Calif. Aeroplane. 1,440,489; Jan. 2.
Norrlin, Charles H., New York, N. Y. Target finder for firearms. 1,452,651; Apr. 24.
Norsk Hydro-Elektrisk Kvaelstofaktieselskab. (See Cederberg, Ivar W., assignor.)
Norsk Hydro-Elektrisk Kvaelstofaktieselskab. (See Foss, A., and Mejdell, assignors.)
Norström, Karl F. L., Skonvik, Sweden. Sleeve adapted to serve as core for paper rolls. 1,459,241; June 19.
North American Lace Company. (See Glazier, E. F., and Bromley, assignors.)
North, Benjamin A., and L. C. Rishel, Los Angeles, Calif. Theft-signal door knob. 1,476,842; Dec. 11.
North British Rubber Company Limited, The. (See Williams, William A., assignor.)
North Bro's M'f'g Co. (See Fegley, T. J., and Leopold, assignors.)
North Bro's M'f'g Co. (See Leopold, George O., assignor.)
North, Charles E., Montclair, N. J., assignor to The Milk Oil Corporation. Making artificial milk. 1,474,843; Nov. 20.
North, Clayton O., Tallmadge, Ohio. Employing derivatives of the condensation products of amines and aldehydes in the vulcanization of rubber. 1,467,984; Sept. 11.
North East Electric Company. (See Dorsey, Farnum F., assignor.)
North East Electric Company. (See Gordon, William R., assignor.)
North East Electric Company. (See Halbleib, Edward A., assignor.)
North East Electric Company. (See Hutchins, William H., assignor.)
North East Electric Company. (See Lee, Thomas L., assignor.)
North East Electric Company. (See Lee, T. L., and Sullivan, assignors.)
North East Electric Company. (See Sullivan, Raymond H., assignor.)
North Electric Manufacturing Company, The. (See Arter, Roy C., assignor.)
North, Ray A., assignor to E. P. Smith, Greeen Bay, Wis. Pulp dehydrator. 1,463,721; July 31.
North, Thomas J., Louisville, Ky. Trousers supporter. 1,469,682; Oct. 2.
Northam Brothers Co. (See Moberg, Carl A., assignor.)
Northern Equipment Company. (See Andrews, Roger W., assignor.)
Northern Equipment Company. (See Veenschoten, Vincent V., assignor.)
Northern, Joseph B., Dallas, Tex. Radiator cap for motor vehicles. 1,471,195; Oct. 16.
Northey, John P., Toronto, Ontario, Canada. Key bolt. 1,447,810; Mar. 6.
Northrop, Jonas, Hopedale, assignor to Hopedale Manufacturing Company, Milford, Mass. Tape-up mechanism for looms. 1,446,655; Feb. 27.
Northrop, Jonas, Hopedale, assignor to Hopedale Manufacturing Company, Milford, Mass. Let-off mechanism. 1,448,081; Mar. 13.
Northrop, Jonas, Hopedale, assignor to Hopedale Manufacturing Company, Milford, Mass. Loom temple thread cutter. 1,449,776; Mar. 27.
Northrop, Jonas, Hopedale, assignor to Hopedale Manufacturing Company, Milford, Mass. Thread-parter mechanism. 1,463,225; July 31.
Northrop, Jonas, Hopedale, assignor to Hopedale Manufacturing Company, Milford, Mass. Take-up mechanism for looms. 1,463,226; July 31.
Northrop, Jonas, Hopedale, assignor to Hopedale Manufacturing Company, Milford, Mass. Feeler loom. 1,463,292; July 31.
Northrop, Jonas, Hopedale, assignor to Hopedale Manufacturing Company, Milford, Mass. Automatic loom. 1,463,435; July 31.
Northrop, Jonas, Hopedale, assignor to Hopedale Manufacturing Company, Milford, Mass. Self-threading shuttle. 1,463,965; Aug. 7.
Northrop, Jonas, Hopedale, assignor to Hopedale Manufacturing Company, Milford, Mass. Let-off mechanism. 1,463,968; Aug. 7.
Northrop, Jonas, Hopedale, assignor to Hopedale Manufacturing Company, Milford, Mass. Tension-regulating mechanism for warp beams. 1,466,100; Aug. 28.
Northrop, Jonas, Hopedale, assignor to Hopedale Manufacturing Company, Milford, Mass. Feeler loom. 1,466,847; Sept. 4.
Northrop, Jonas, Hopedale, assignor to Hopedale Manufacturing Company, Milford, Mass. Self-threading shuttle. 1,466,848; Sept. 4.
Northrop, Jonas, Hopedale, assignor to Hopedale Manufacturing Company, Milford, Mass. Self-threading shuttle. 1,466,849; Sept. 4.
Northrop, Jonas, Hopedale, assignor to Hopedale Manufacturing Company, Milford, Mass. Picker-stick check for looms. 1,470,539; Oct. 9.
Northrop, Jonas, Hopedale, G. E. Kilburn, P. P. Pessotti, and E. L. Tucker, assignors to Hopedale Manufacturing Company, Milford, Mass. Bur-grinding machine. 1,446 654; Feb. 27.
Northrup, Elmer C., San Francisco, Calif. Nailing machine. 1,478,362; Dec. 18.
Northrup, Elmer C., San Francisco, and E. H. Specht, Oakland, Calif. Apparatus for treating packaged goods. 1,457,852; June 5.
Northrup, Fred W., Speedsville, N. Y. Device for excluding foreign matter from the inside of wheel hubs. 1,444,700; Feb. 6.
Northrup, George R., Laramie, Wyo. Bracket for mounting pulleys. 1,477,229; Dec. 11.
Northup, William G., jr., Minneapolis, Minn. Cloth measuring and registering device. 1,475,649; Nov. 27.
Northwall, Fred A., Portland, Oreg. Facing for cement walls. 1,459,684; June 19.
Northwestern Expanded Metal Company. (See Baker, George W., assignor.)

Northwestern Expanded Metal Company. (See Dean, James H., assignor.)
Northwestern Expanded Metal Company. (See Dean, J. H., and Alfreds, assignors.)
Northwestern Expanded Metal Company. (See Jantusek, Joseph, assignor.)
Northwood, H., Company. (See Taylor, Morgan O., assignor.)
Norton, Alfred A. (See Lindgren, Waldemar L., assignor.)
Norton, Allen B., assignor to Aluminum Manufacturers, Incorporated, Cleveland, Ohio. Alloy and making the same. 1,453,254; Apr. 24.
Norton, Charles E., assignor of one-half to H. P. Norton, Loveland, Colo. Automobile brake. 1,462,918; July 24.
Norton, Charles H., assignor to Norton Company, Worcester, Mass. Grinding machine. 1,443,924; Jan. 30.
Norton, Charles H., assignor to Norton Company, Worcester, Mass. Grinding machine. 1,443,925; Jan. 30.
Norton, Charles H., and A. Turner, assignors to Norton Company, Worcester, Mass. Work support for roll-grinding machines. 1,451,467; Apr. 10.
Norton, Charles L., Newton, Mass., assignor to Refractories Machinery Manufacturing Company, Pittsburgh, Pa. Molding machine. 1,441,366; Jan. 9.
Norton, Charles L., Newton, Mass., assignor to Refractories Machinery Manufacturing Company, Pittsburgh, Pa. Molding brick shapes and the like. 1,441,367; Jan. 9.
Norton, Charles L., Boston, Mass., assignor to Refractories Machinery Manufacturing Company, Pittsburgh, Pa. Molding brick shapes. 1,444,519; Feb. 6.
Norton Company. (See Beecher, M. F., and Booze, assignors.)
Norton Company. (See Boniface, Arthur, assignor.)
Norton Company. (See Booze, Macdonald C., assignor.)
Norton Company. (See Brown, Gregory, assignor.)
Norton Company. (See Brown, G., and Turner, assignors.)
Norton Company. (See Dunbar, Howard W., assignor.)
Norton Company. (See Fraser, Warren F., assignor.)
Norton Company. (See Gillett, Charles E., assignor.)
Norton Company. (See Greenwood, Wallace W., assignor.)
Norton Company. (See Hudson, C. J., and Broga, assignors.)
Norton Company. (See Jeppson, George N., assignor.)
Norton Company. (See Jeppson, G. N., and Beecher, assignors.)
Norton Company. (See King, Clarence R., assignor.)
Norton Company. (See Klein, A. A., and Beecher, assignors.)
Norton Company. (See Larsson, Thure, assignor.)
Norton Company. (See Norton, Charles H., assignor.)
Norton Company. (See Saxe, Charles W., assignor.)
Norton Company. (See Turner, Albert, assignor.)
Norton Company. (See Wickstrom, H., and Shea, assignors.)
Norton, Harry P. (See Norton, Charles E., assignor.)
Norton, James A., Odebolt, Iowa. Irrigating apparatus. 1,454,332; May 8.
Norton, James G., Milton, Mass. Apparatus for testing and grading articles. 1,442,233; Jan. 16.
Norton, James G., Quincy, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Treating blanks. 1,448,045; Mar. 13.
Norton, Samuel H., Meadville, Pa. Grinding machine. 1,447,263; Mar. 6.
Norton, Samuel H., assignor to McCrosky Tool Corporation, Meadville, Pa. Slotting tool. 1,465,282; Aug. 21.
Norton, Sereno G., Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Explosive. 1,466,147; Aug. 28.
Norvell, Charles B., Richmond, Va. Awning. 1,448,673; Mar. 13.
Norviel, Harry E., assignor to The Teagle Company, Cleveland, Ohio. Switch. 1,467,947; Sept. 11.
Norwalk, Albert B., New York, assignor of one-half to C. Hubert, White Plains, N. Y. Tire valve. 1,453,721; May 1.
Norwalk Tire and Rubber Company, The. (See Converse, Francis B., assignor.)
Norwalk Tire & Rubber Company, The. (See Russell, William F., assignor.)
Norwalk Tire & Rubber Company. (See Schmidt, Henry G., assignor.)
Norwalk Vault Company, The. (See Reming, Richard, assignor.)
Norwich Automatic Feeder Company, The. (See Walker, H. H., and Enos, assignors.)
Norwood, Harry G., Baltimore, Md. Table article. 1,457,998; June 5.
Norwood, Harry Y., assignor to Taylor Instrument Companies, Rochester, N. Y. Thermometer attachment for automobiles. 1,444,133; Feb. 6.
Norwood, John E., Baltimore, Md. Piston ring. 1,462,043; July 17.
Nosan, Anton, West Park, Ohio. Combination measuring instrument. 1,447,565; Mar. 6.
Noshok Co., The. (See Lango, Charles H., assignor.)
Notaseme Hosiery Company. (See Fleischer, Horace T., assignor.)
Notheis, Magnus, North Bergen, assignor, by mesne assignments, to White Metal Manufacturing Company, Jersey City, N. J. Finishing machine for tubes and the like. 1,466,439; Aug. 28.
Nottage, William H., and T. D. Parkin, Chelmsford, England, assignors to The Radio Corporation of America, New York, N. Y. Wireless telegraph calling device. 1,452,925; Apr. 24.
Novak, James, Madison, Ohio. Harvester. 1,449,869; Mar. 27.
Novak, Joseph, Chicago, Ill. Cuff button. 1,444,701; Feb. 6.
Novak, Joseph, Chicago, Ill. Cuff button. 1,444,702; Feb. 6.
Novak, Joseph, assignor to The Henry Furnace and Foundry Company, Cleveland, Ohio. Hot-air conduit. 1,451,887; Apr. 17.
Novak, Samuel. (See Grabarek, Michal, assignor.)
Novak, William, Alliance, Ohio. Coupling. 1,447,146; Feb. 27.
Novel Wheel Association. (See Williams, Harry S., assignors.)
Novelties Mfg.-Sales Corporation. (See Edelin, James N., assignor.)
Novelty Amusement Co. (See Kerestes, George A., assignor.)
Novelty Patents Company, The. (See Bergens, William J., assignor.)
Novick, Abraham, New York, N. Y., assignor to United States Envelope Company, Springfield, Mass. Machine for making paper drinking cups, envelopes, and the like. 1,444,004; Feb. 6.
Novick, William, Brooklyn, N. Y. Frame for flexible screens, etc. 1,464,370; Aug. 7.
Noville, Carl E., New York, N. Y. Apparatus for simulating moving pictures. 1,470,468; Oct. 9.
Novinski, Stanley, assignor of one-half to S. Spryszak, Braznell, Pa. Nut lock. 1,455,804; May 22.
Novotny, Emil E., assignor to J. S. Stokes, Philadelphia, Pa. Molded printing plate. 1,442,173; Jan. 16.
Novotny, Emil E., Logan, Philadelphia, assignor to J. S. Stokes, Philadelphia, Pa. Molded sound-reproduction article. 1,451,783; Apr. 17.
Novotny, Emil E., Logan, Pa., and D. S. Kendall, Glen Ridge, N. J., assignors to J. S. Stokes, Huntingdon Valley Post Office, Pa. Acetylene-aldehyde fusible resin. 1,470,637; Oct. 16.
Novotny, Rudolf, Portage, Pa. Arch support for mines. 1,451,840; Apr. 17.
Novy, Theodore F., Chicago, Ill. Column mold. 1,445,907; Feb. 20.
Nowack, Charles H., Chicago, Ill., assignor to American Can Company, New York, N. Y. Measuring can. 1,448,936; Mar. 20.
Nowak, Alois K. (See Smith, F. H., and Nowak.)
Nowak, Frank X., Brooklyn, N. Y. Making hypodermic syringes. 1,445,641; Feb. 20.
Nowak, Richard A., Portland, Oreg. Garment fastener. 1,472,192; Oct. 30.
Nowell, Edward E., Manchester, N. H. Means for controlling the traverse of yarn guides on spinning machines. 1,474,544; Nov. 20.
Nowosielski, Edward B., Bloomfield, N. J., assignor to Splitdorf Electrical Company, New York, N. Y. Electric-generator-operating means. 1,463,436; July 31.
Nowosielski, Edward B., Bloomfield, assignor to Splitdorf Electrical Company, Newark, N. J. Magneto-electric generator. 1,477,843; Dec. 18.
Noyes, Arthur W., Arlington, Vt. Valve reseater. 1,455,649; May 15.
Noyes, Benjamin F. (See Hamilton, C. A., and Noyes.)
Noyes, George W., Billings, Mont. Film-guiding device. 1,456,821; May 29.
Noyes, Samuel M., and S. Peacock, Wheeling, W. Va. Cleaning and surfacing sheet steel. 1,440,619; Jan. 2.
Nuanes, Alfred, Albuquerque, N. Mex. Aeroplane propeller. 1,456,008; May 22.
Nube, Curd. (See Wetzer, R., and Nube.)
Nuberg, Matthys. (See Hamilton, G. H., and Nuberg.)
Nuebling, Charles F. A., Hewlett, N. Y. Antiskid device. 1,459,685; June 19.
Nuernberger, Philip J., Lenzburg, Ill. Colter for farm implements. 1,445,705; Feb. 20.
Nugent, Francis E., Philadelphia, Pa. Tire valve. 1,474,160; Nov. 13.
Nugrape Company of America. (See Kelley, Alfred E., assignor.)
Null, Fay E., Urbana, Ill. Manure loader. 1,457,668; June 5.
Null, Jesse, Arcadia, Calif. Chicken feeder. 1,452,215; Apr. 17.
Nunn, Frederick W. (See Hobday, H. L., and Nunn.)
Nunnelly, William G. (See Ellis H., Hart, and Nunnelly.)
Nuoffer, Otto, New York, N. Y. Sled attachment for carriages and the like. 1,453,722; May 1.
Nusbaum, Harry and J., assignors to P. E. Sharpless Company, Philadelphia, Pa. Coating metal foil with paraffin and the product thereof. 1,466,380; Aug. 28.
Nusbaum, Joseph. (See Nusbaum, Harry and J.)
Nussbaum, Bert A. (See Spencer, Madison A., assignor.)
Nussbaum, Leon M. (See Dusche, Frederick W., assignor.)

Nuta, Meyer, Chicago, Ill. Internal-combustion engine. 1,444,203; Feb. 6.
Nutrizio, Henry J., New York, N. Y. Display stand. Des. 62,335; May 8.
Nutrizio, Henry J., New York, N. Y. Display stand. Des. 62,336; May 8.
Nutrizio, Henry J., New York, N. Y. Display stand. Des. 62,337; May 8.
Nutrizio, Henry J., New York, N. Y. Display stand. Des. 62,338; May 8.
Nutsbest Packing Company. (See Friedsam, E. D., and Long, assignors.)
Nutt, Buell W., assignor to The Safety Equipment Service Company, Cleveland, Ohio. Lantern support. 1,451,920; Apr. 17.
Nutt, Cordie J., Sanibel, Fla. Heating device. 1,442,696; Jan. 16.
Nutt, Norman W., Trenton, N. J. Combined electric-lamp socket and shade holder. 1,441,741; Jan. 9.
Nutt, Norman W., Trenton, N. J. Electric fuse. 1,444,637; Feb. 6.
Nutt, Norman W., Trenton, N. J. Electric-lamp fixture or support. 1,453,887; May 1.
Nutt, William C., Castana, Iowa. Farrowing pen. 1,473,970; Nov. 13.
Nutt, William H., Newburyport, Mass. Shoe heel. Des. 61,877; Feb. 6.
Nuttall, R. D., Company. (See Burnham, Leland F., assignor.)
Nuttall, R. D., Company. (See Keim, Lester H., assignor.)
Nutter, Karl I., Martinsville, Ind. Demountable wheel rim. 1,463,588; July 31.
Nutter, Karl I., Martinsville, Ind. Demountable wheel rim. 1,465,718; Aug. 21.
Nutter, Orda D., assignor to Acme Fishing Tool Company, Parkersburg, W. Va. Casing kicker. 1,445,158; Feb. 13.
Nutter, Orda D., assignor to Acme Fishing Tool Company, Parkersburg, W. Va. Tubing spear. 1,457,596; June 5.
Nutting, Paul J., Waterton, N. Y., and H. W. Hayward, Mount Gilead, N. C., assignors to Doherty Research Company, New York, N. Y. Furnace. 1,456,992; May 29.
Nu-Way Milker Company. (See Oden, C., and Moore, assignors.)
Nu-Way-Radiator Mfg. Co., The. (See Fallier, Maurice I., assignor.)
Nya Nordiska Kullager Aktiebolaget. (See Weibull, Ernst H. W., assignor.)
Nybakken, Ingebret, Minot, N. Dak. Oil can. 1,470,469; Oct. 9.
Nydegger, Otto, Bern, Switzerland. Combining a solid with a gas. 1,440,620; Jan. 2.
Nye, Harry, Akron, Ohio. Ball and making same. 1,458,776; June 12.
Nye Tool and Machine Works. (See Lee, Ottar S., assignor.)
Nyenhuis, John H., Chicago, Ill. Paddle wheel for boats and the like. 1,442,729; Jan. 16.
Nygaard, Oscar O., Mattapan, Mass. Automatic stoker. 1,441,293; Jan. 9.
Nygaard, Oscar O., Milton, Mass. Driving mechanism. 1,452,570; Apr. 24.
Nyhagen, Barney R., New York, N. Y. Gas-engine valve. 1,456,144; May 22.
Nyman, Alexander, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Three-phase reactance coil. 1,473,862; Nov. 13.
Nyman, Charles, Pittsburgh, assignor of one-half to D. Murray, Wilkinsburg, Pa. Plaited-cable sling. 1,475,859; Nov. 27.
Nyman, Emil, Svedala, Sweden. Gauge tool for use in lathes. 1,444,080; Feb. 6.
Nyquist, Albert G., deceased, Minneapolis, Minn.; H. L. Nyquist, administratrix. Sound-reproducing machine. 1,454,134; May 8.
Nyquist, August R., and C. A. Brandt, Roseau, Minn. Sawing machinery. 1,462,764; July 24.
Nyquist, Hilda L., administratrix. (See Nyquist, Albert G.)
Nystrom, Karl F., Montreal, Quebec, Canada. Railway-car-journal roller bearing. 1,460,802; July 3.
Nyström, Knut E. R., Stockholm, assignor to Aktiebolaget Optimus, Uplands-Vasby, Sweden. Apparatus for baking, roasting, cooking, and the like. 1,477,844; Dec. 18.
Nystrom, Martin, assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Sound amplifier. 1,468,166; Sept. 18.
Nystrom, Oscar P., assignor to Holland Furnace Company, Holland, Mich. Furnace-grate shaker. 1,456,707; May 29.
O. Armleder Company, The. (See Biederman, Charles H., assignor.)
O. B. Electric Vehicles, Inc. (See Bahls, Otto, assignor.)
O & J Machine Company, The. (See Johnson, J. E., and Oslund, assignors.)
O & J Machine Company, The. (See Oslund, Charles H., assignor.)
O. K. Paper Pail Company, The. (See Oglesby, William D., assignor.)
O. K. Tool Company, The. (See Conklin, George W., assignor.)
Oakes, Emmett L., assignor to The Superior Building Company, Akron, Ohio. Joint for portable sectional buildings. 1,472,490; Oct. 30.
Oakes, Lucian R., Tipton, Ind. Electric incubator. 1,460,349; June 26.
Oakes, Lucian R., assignor to The Oakes Manufacturing Company, Tipton, Ind. Feed trough for chicks. 1,460,350; June 26.
Oakes Manufacturing Company, The. (See Oakes, Lucian R., assignor.)
Oakes, Russell E., Waukesha, Wis. Card holder. 1,475,134; Nov. 20.
Oakley, Clifford H. (See Oakley, Laurence M., assignor.)
Oakley, Clifford H., Trenton, N. J. Rubber heel lift. 1,452,891; Apr. 24.
Oakley, Hollie N., Terre Haute, Ind. Refrigerating apparatus. 1,445,349; Feb. 13.
Oakley, John. (See Perkins, J. L., Sickles, and Oakley.)
Oakley, Laurence M., assignor to C. H. Oakley, Trenton, N. J. Resilient heel lift. 1,452,892; Apr. 24.
Oakley, Louis P., assignor to P. H. & F. M. Roots Company, Connersville, Ind. Flash guide. 1,447,599; Mar. 6.
Oakley, Sterling A., assignor of one-half to I. F. Warner, Boise, Idaho. Electrically-controlled governor for water wheels. 1,476,914; Dec. 11.
Oaks Company, The. (See Weaver, Harry A., assignor.)
Oasis Manufacturing Co. (See York, Edgar L., assignor.)
O'Bannon Company. (See Smith, Paul S., assignor.)
O'Bannon, Walter A., Tulsa, Okla. Packing for pumps. 1,454,400; May 8.
Obear-Nester Glass Company. (See Young, James M., assignor.)
O'Beirne, Clarence B. (See Taylor, James E., assignor.)
Obele, Lawrence T., Philadelphia, Pa. Folding shelf and paper rack. 1,453,598; May 1.
Obenchain, Garland W. (See Shivers, P. F., and Obenchain.)
Oberdorfer, Henry D., Champaign, Ill. Portable bleacher. 1,460,267; June 26.
Oberfell, George G., Tulsa, Okla. Method and apparatus for testing gaseous mixtures. 1,455,263; May 15.
Oberfell, George G., Tulsa, Okla., and G. A. Burrell, New York, N. Y., assignors to Gasoline Recovery Corporation. Portable apparatus for the extraction of vapors from gases. 1,455,407; May 15.
Oberg, Gunnard A., assignor to Blackstone Manufacturing Company, Jamestown, N. Y. Cylinder for washing machines. 1,472,434; Oct. 30.
Oberg, Mannie L., Gladstone, Mich. Lacing for boots. 1,450,047; Mar. 27.
Obergfell, Herbert F. (See Ray, A. J., and Obergfell.)
Oberhoffken, Alexander. (See Rose, H. C., and Oberhoffken.)
Oberjohann, Henry F., assignor of one-half to G. Buehler, Toledo, and one-half to C. E. Cheesman, Dayton, Ohio. Power means for screw drivers or the like. 1,442,174; Jan. 16.
Oberle, J. B., et al. (See Portello, Frank P., assignor.)
Oberley, Charles G., and R. Grignon, Munising, Mich. Friction clutch. 1,452,349; Apr. 17.
Obermaier, Carl A., Lompoc, Calif. Casting rod. 1,473,507; Nov. 6.
Obermaier, John A., Chicago, Ill. Flow meter. 1,449,437; Mar. 27.
Obermaier, John A., assignor to Wilmort Manufacturing Company, Chicago, Ill. Safety-match-box holder. 1,458,239; June 12.
Obermiller, Maximilian W., New York, N. Y. Pneumatically-operated musical instrument. 1,448,234; Mar. 13.
Oberndorfer Company. (See Oberndorfer, Ralph F., assignor.)
Oberndorfer, Ralph F., Milwaukee, Wis., assignor to Oberndorfer Company. Garment. 1,478,349; Dec. 18.
Oberreich, Louie H. (See Bailey, Chester I., assignor.)
Oberreich, Louie H., Indianapolis, Ind. Automobile lock and theft notice. 1,464,186; Aug. 7.
Oberst, Frank, Glendale, N. Y., assignor to Sonora Phonograph Corporation. Tone arm. 1,459,743; June 26.
Oberst, Frank, Glendale, N. Y., assignor to Sonora Phonograph Corporation. Tone arm. 1,461,829; July 17.
Oberwarth, Leo L., Frankfort, Ky. Collapsible drawing board. 1,453,171; Apr. 24.
O'Boyle, Hugh J., San Antonio, Tex. Panel for lamp shades. 1,463,722; July 31.
O'Boyle, Martin J., Cleveland, and E. C. Holton, Olmsted Falls, assignors to The Sherwin Williams Company, Cleveland, Ohio. Method of and apparatus for evaporating liquids. 1,475,314; Nov. 27.
O'Brien, Alexander R., Wichita, Kans. Pump. 1,449,541; Mar. 27.
O'Brien, Alexander R., Wichita, assignor to W. G. Parry, Augusta, Kans. Adjustable coupling. 1,446,351; Feb. 20.
O'Brien, Andrew, New York, N. Y. Ironing board. 1,448,937; Mar. 20.
O'Brien, Charles. (See Boal, A. R., and O'Brien.)
O'Brien, Charles, Newtown, near Sydney, New South Wales, Australia. Concrete building construction 1,444,355; Feb. 6.

O'Brien, Elizabeth, and M. G. Vierling, Minneapolis, assignors to Louis F. Dow Co., St. Paul, Minn. Pencil. 1,447,397; Mar. 6.
O'Brien, Floyd B., Chicago, Ill. Vanity case. Des. 61,985; Feb. 20.
O'Brien, Frank J., Baltimore, Md. Sanitary can closure. 1,476,214; Dec. 4.
O'Brien, Frank J., assignor to Southern Can Company, Baltimore, Md. Can closure. 1,476,213; Dec. 4.
O'Brien, John, St. Paul, Minn. Milk can. 1,475,405; Nov. 27.
O'Brien, John J., Coggon, Iowa. Pump coupling. 1,478,453; Dec. 25.
O'Brien, Joseph J., Galveston, Tex. Vehicle spring lubricator. No. 1,458,590; June 12.
O'Brien, Joseph J., Springfield, Mass. Check book. 1,464,616; Aug. 14.
O'Brien, Raymond J., Butte, Mont. Sectional radiator for motor vehicles. 1,477,845; Dec. 18.
O'Brien, Raymond J., New York, N. Y., assignor to Morgan & Wright. Tire casing. 1,478,833; Dec. 25.
O'Brien, Thomas F. I., Brooklyn, N. Y. Closure for receptacles. 1,441,742; Jan. 9.
O'Brien, Timothy J. (See Larson, Ivan E., assignor.)
O'Brien, Walter J., San Francisco, Calif. Cooking vessel for glazing fruit. 1,454,856; May 15.
O'Brien, William C., Baltimore, Md. Take-up for flatiron conductors. 1,470,183; Oct. 9.
O'Brien, William E., and J. Smith, Chicago, Ill. Bumper. 1,454,764; May 8.
Obrikat, Franz, jr., Los Angeles, Calif. Pattern file. 1,454,069; May 8.
O'Bryan, James W. (See O'Bryan, Kenneth C. and J. W.)
O'Bryan, Kenneth C. and J. W., Washington, D. C. Justifying device for typewriters and the like. 1,457,853; June 5.
Obstfeld, Lou, assignor to Markwell Manufacturing Co. Inc., New York, N. Y. Cushion cap for stapling machines and the like. 1,459,924; June 26.
Ocean Leather Company, The. (See Ehrenreich, A., and Rogers, assignors.)
Ocheltree, Joseph L., jr., Norfolk, Va. Locking device. 1,461,400; July 10.
Ochoa Tools and Machine Company. (See Ochoa, Victor L., assignor.)
Ochoa, Victor L., El Paso, Tex., assignor to Ochoa Tools and Machine Company. Wrench. 1,454,333; May 8.
Ochs, Werner, Bad Liebenstein, Germany. Hand or pedal lever with automatically-variable ratio of transmission. 1,455,447; May 15.
O'Connell, Edgar E., Washington, D. C. Dough-mixing machine. 1,456,564; May 29.
O'Connell, Edgar E., Washington, D. C., assignor to The Corby Baking Company. Dough-mixing machine. 1,465,917; Aug. 21.
O'Connell, John, Allston, Mass. Kneeling pad. 1,477,763; Dec. 18.
O'Connell, John E., Springfield, Mass. Picker or fiber-cleaning machine. 1,450,922; Apr. 10.
O'Connell, Russell. (See McIntosh, P. E., and O'Connell.)
O'Connell, Vincent, New York, N. Y. Toilet accessory. 1,453,690; May 1.
O'Connor, Florence M., Ottawa, Ontario, Canada. Floating doll. 1,442,900; Jan. 23.
O'Connor, Frederick A., Toronto, Ontario, Canada. Balloon toy. 1,478,757; Dec. 25.
O'Connor, John, New York, N. Y. Phenmatic suspension means for vehicles. 1,445,970; Feb. 20.
O'Connor, John B., assignor to Lyon Metallic Manufacturing Company, Aurora, Ill. Locking mechanism for doors. 1,449,187; Mar. 20.
O'Connor, John B., assignor to Lyon Metallic Manufacturing Company, Aurora, Ill. Cabinet drawer. 1,477,278; Dec. 11.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,441,294; Jan. 9.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,441,295; Jan. 9.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Railway draft rigging. 1,442,901; Jan. 23.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Door-operating mechanism. 1,442,902; Jan. 23.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner. Chazy, N. Y. Side bearing. 1,444,204; Feb. 6.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner. Chazy, N. Y. Friction shock-absorbing mechanism. 1,444,553; Feb. 6.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Car hand brake. 1,446,202; Feb. 20.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Hand brake. 1,446,203; Feb. 20.
O'Connor, John F., Chicago, Ill., assignor to W. M. Miner, Chazy, N. Y. Hand brake. 1,446,204; Feb. 20.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,447,424; Mar. 6.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,448,491; Mar. 13.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanisms. 1,448,492; Mar. 13.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,448,493; Mar. 13.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,448,494; Mar. 13.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,448,495; Mar. 13.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,448,496; Mar. 13.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,448,497; Mar. 13.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,448,498; Mar. 13.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,448,499; Mar. 13.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,448,500; Mar. 13.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,448,501; Mar. 13.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,448,502; Mar. 13.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,448,765; Mar. 20.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,450,383; Apr. 3.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,451,103; Apr. 10.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,451,104; Apr. 10.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,453,691; May 1.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,453,692; May 1.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,453,693; May 1.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,453,694; May 1.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Antifriction side bearing. 1,453,695; May 1.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction draft rigging. 1,456,993; May 29.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,456,994; May 29.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,456,995; May 29.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Antifriction bearing. 1,456,996; May 29.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Antifriction bearing. 1,456,997; May 29.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,456,998; May 29.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,456,999; May 29.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. High-capacity spring. 1,457,931; June 5.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,462,616; July 24.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,464,723; Aug. 14.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,464,724; Aug. 14.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,464,725; Aug. 14.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,466,741; Sept. 4.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,466,742; Sept. 4.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,466,743; Sept. 4.

O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,466,744; Sept. 4.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shell and spring cage for draft gears. 1,469,101; Sept. 25.
O'Connor, John F., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Friction shock-absorbing mechanism. 1,472,932; Nov. 6.
O'Connor, John W. (See Stuart, A. W., and O'Connor.)
O'Connor, Martin J., Ogden, Utah. Cylinder lock. 1,462,299; July 17.
O'Connor, Maurice, Alameda, Calif. Resilient wheel. 1,469,393; Oct. 2.
O'Connor, Mildred M., et al. (See Swartwood, Horatio R., assignor.)
O'Connor, William R., Elizabeth, N. J. Shipping container. 1,444,134; Feb. 6.
O'Connor, William R., Elizabeth, N. J. Closure for packing and shipping containers. 1,444,135; Feb. 6.
Octave, Anatole, Herblay, France. Automatic machine for grinding the saw blades with revolving grinding wheels. 1,453,765; May 1.
Oczkowski, Constantine L., Bunell, Colo. Antiskidding device. 1,463,060; July 24.
Oda, Cinco S., assignor of one-half to P. N. Fisher, Boston, Mass. Pennant embodying picture frame. 1,467,680; Sept. 11.
Odam, Eugène, Paris, France. Centrifugal pulverizing mill. 1,446,765; Feb. 27.
O'Day, Eliza. (See Kromnenus, Angelos, assignor.)
Oddie Automatic Variable Speed Gear Syndicate Limited. (See Oddie, Fred A., assignor.)
Oddie, Fred A., assignor to Oddie Automatic Variable Speed Gear Syndicate Limited, London, England. Automatic control of variable-speed gears for self-propelled vehicles. 1,446,205; Feb. 20.
Odell, George W., Binghamton, N. Y., assignor to The International Time Recording Company of New York. Time card. 1,464,330; Aug. 7.
Odell, Risdon M. (See Mix, William J., assignor.)
Oden, Clyde, and H. R. Moore, assignors to Nu-Way Milker Company, Syracuse, N. Y. Teat cup. 1,460,977; July 3.
Odin Stove Manufacturing Company. (See Hoffsetter, Carl H., assignor.)
Odinga, Theodor, Basel, assignor to Elektrizitätswerk Lonza, Gampel, Canton of Valis, and Basel, Switzerland. Manufacture of crotonic acid from crotonaldehyde. 1,445,544; Feb. 13.
Odle, Guy L. (See Odle, Paul L. and G. L.)
Odle, Paul L. and G. L., Detroit, Mich. Moving sign. 1,457,669; June 5.
Odom, Daniel E., Bennettsville, S. C. Brush. 1,455,504; May 15.
Odom, Daniel E., Bennettsville, S. C. Overwinding preventer. 1,468,322; Sept. 18.
Odom, John S., Hiawatha, Kans. Automobile bed. 1,471,703; Oct. 23.
O'Donnell, Bryan, Vail, Iowa. Differential gear. 1,455,650; May 15.
O'Donnell, Elizabeth C. (See O'Donnell, Thomas and E. C.)
O'Donnell, Ella, and B. Pintoff, assignors to Isaac Ginsberg & Bros., New York, N. Y. Extensible garment. 1,445,350; Feb. 13.
O'Donnell, Eugene D., Glen Innes, Australia. Undercarriage and body of railway vehicles and in platforms to be used therewith wherever a break of gauge occurs. 1,465,614; Aug. 21.
O'Donnell, John, jr., Philadelphia, Pa. Phonograph-record cleaner and clarifier. 1,459,549; June 19.
O'Donnell, Richard P., Chicago, Ill. Arch support. 1,476,915; Dec. 11.
O'Donnell, Terence, Kansas City, Mo. Car-unloading apparatus. 1,440,888; Jan. 2.
O'Donnell, Thomas and E. C., Ironwood, Mich. Envelope. 1,468,071; Sept. 18.
O'Donnell, William F., and C. Seybold, Chicago, Ill. Awning construction. 1,451,083; Apr. 10.
O'Donoghue, Aloysius S. (See Wrenn, H. B. P., and O'Donoghue.)
O'Dowd, Henry W., Jersey City, N. J., assignor to William M. Crane Company. Gas range. 1,456,822; May 29.
O'Dowd, Henry W., Jersey City, N. J., assignor to William M. Crane Company. Gas range. 1,456,823; May 29.
Oechslin, Carl J., Ablon, France. Manufacture of mono and bis p. monoalkyl (CH_3, C_2H_5, C_5H_{11}, etc., CH_2CO_2H) aminophenylarsenic acids. 1,440,621; Jan. 2.
Oehler, Ernst. (See Regenbogen, C., and Oehler.)
Oehrle Brothers Company. (See Oehrle, Franklin W., assignor.)
Oehrle, Franklin W., assignor to Oehrle Brothers Company, Philadelphia, Pa. Fringe. Des. 62,581; June 26.
Oehrli, Frank. (See Norlund, O. A., and Oehrli.)
Oelkers, Henry A., Mazeppa, Minn. Bridle bit. 1,476,999; Dec. 11.
Oelwerke Stern-Sonneborn A. G. (See Vogel, Hans E. R., assignor.)
Oerman, Carl H., York, Pa. Bumper for sleds. 1,448,082; Mar. 13.
Oertli, Casper, Hamilton, Mont. Replaceable bearing. 1,445,408; Feb. 13.
Oertz, Max, Hamburg, Germany, assignor to Castiglioni, Vienna, Austria. Fair-leader board. 1,449,910; Mar. 27.
Oesterr.-Ung. Optische Anstalt C. P. Goerz Gesellschaft M. B. H. (See Wessely, E., and Schier, assignors.)
Oesterreicher, Peter, Chicago, Ill. Pneumatic player action for pianos. 1,476,459; Dec. 4.
Oesterwitz, Otto H., Syracuse, N. Y. Surgical instrument. 1,448,858; Mar. 20.
Oetzel, Harold, Chicago, Ill. Folding trestle. 1,465,947; Aug. 28.
Offenhauser, Christopher, Philadelphia, Pa. Apparatus for rendering. 1,458,722; June 12.
Offield, James R., trustee. (See Ruby, George H. A., assignor.)
Off'N'On Chain Corporation. (See Johnston, Andrew L., jr., assignor.)
O'Flaherty, Leo F., and W. L. Kirkpatrick, Elgin, Ill. Valve. 1,459,242; June 19.
O'Flaherty, Leo F., and W. L. Kirkpatrick, Elgin, Ill. Valve. 1,459,243; June 19.
O'Flaherty, Leo F., and W. L. Kirkpatrick, Elgin, Ill. Valve. 1,462,147; July 17.
O'Flanagan, Michael, Roscommon, Ireland. Suspension support for beds and the like. 1,473,311; Nov. 6.
Ogburn, John S., Lindale, Tex. Berry and fruit washing machine. 1,452,844; Apr. 24.
Ogden, Ashley G., Baltimore, Md. Photographic-printing device. 1,456,073; May 22.
Ogden, Ashley G., Baltimore, Md. Photographic-printing device. 1,465,283; Aug. 21.
Ogden, Clarence E., Cincinnati, Ohio. Electric controller. 1,448,147; Mar. 13.
Ogden, Herbert, Westcliff-on-Sea, assignor to British Arc Welding Company, Limited, London, England. Electric regulator for internal-combustion engines 1,444,425; Feb. 6.
Ogden, J. Edward. (See Ogden, R. E., and Tomkinson, assignors.)
Ogden, J. Edward. (See Tomkinson, Charles C., assignor.)
Ogden, Jacob W. (See Pitney, A. H., and Ogden.)
Ogden, John E., Mountainville, Cornwall, N. Y. Reenforced-thread expansion shield. 1,460,557; July 3.
Ogden, John E., Mountainville, N. Y. Sectional door. 1,462,044; July 17.
Ogden, John E., Cornwall, N. Y. Concrete insert. 1,474,729; Nov. 20.
Ogden, John E., Mountainville, Cornwall, N. Y. Expansion shield. 1,474,980; Nov. 20.
Ogden, John E. L., Liscard, England. Liquid pump or elevator. 1,478,792; Dec. 25.
Ogden, Ralph E., Mountainville, N. Y., assignor to The Orsbee Company, Inc. Bolt anchor. 1,469,950; Oct. 9.
Ogden, Ralph E., Mountainville, N. Y., and C. C. Tomkinson, Plainfield, N. J., assignors to J. E. Ogden, Mountainville, N. Y. Bolt anchor. 1,471,911; Oct. 23.
Ogden, Sidney H., Bridgeton, N. J., assignor of one-half to F. H. Brown, Germantown, Philadelphia, Pa. Cuff. 1,466,745; Sept. 4.
Ogden, Sidney H., Cape May Court House, N. J., assignor of one-half to F. H. Brown, Germantown, Philadelphia, Pa. Dress shield. 1,478,907; Dec. 25.
Ogle, Harley A., Chicago, Ill. Combined valve and dust cap. 1,443,429; Jan. 30.
Ogle, Hubert M., Atlanta, Ga. Comfort cushion. 1,468,072; Sept. 18.
Oglesby, William D., assignor to The O. K. Paper Pail Company, Middletown, Ohio. Egg carton. 1,465,231; Aug. 14.
O'Gorman, John T., New York, N. Y. Automatic lock cock. 1,459,686; June 19.
Ograbisz, Stephen J., Buffalo, N. Y. Wrench. 1,450,641; Apr. 3.
O'Grady, Frederick T., Flushing, N. Y. Color motion-picture photography. 1,465,053; Aug. 14.
O'Grady, Frederick T., Flushing, N. Y. Color motion-picture photography. 1,465,054; Aug. 14.
Ogren, William V., assignor of one-half to C. D. French, Columbus, Nebr. Sound-refining box. 1,465,170; Aug. 14.
O'Hanlon, James R., et al. (See Alexander, Johnston R., assignor.)
O'Hara, J. Carl, et al. (See Donaldson, Elizabeth C., assignor.)
O'Hara, Joseph S., Romney, W. Va Automatic regulator. 1,468,729; Sept. 25.
O'Harrow, Fred, Rockwell, Iowa. Pulley-shield device. 1,451,743; Apr. 17.
O'Hearn, John J., Wappingers Falls, N. Y. Fruit and vegetable cutter and gatherer. 1,448,570; Mar. 13.
Ohio Automatic Sprinkler Company. (See Abbott, Albert L., assignor.)
Ohio Automatic Sprinkler Company. (See Hamilton, John R., assignor.)
Ohio Brass Company, The. (See Austin, Arthur O., assignor.)

Ohio Brass Company, The. (See Chandler, Homer P., assignor.)
Ohio Brass Company, The. (See Lincoln, Ellis S., assignor.)
Ohio Brass Company, The. (See Manz, M. W., and Matthes, assignors.)
Ohio Brass Company, The. (See Matthes, Samuel S., assignor.)
Ohio Brass Company, The. (See Wood, Arthur C., assignor.)
Ohio Cultivator Company, The. (See Griffith, Richard H., assignor.)
Ohio Electric & Controller Company, The. (See Jessop, Francis W., assignor.)
Ohio Municipal Equipment Compay, The. (See Bailly, Louis, assignor.)
Ohio State Stove & Mfg. Co., The. (See Packer, M. L., and Messick, assignors.)
Ohio Tractor Company, The. (See Clarke, Harry D., assignor.)
Ohio Tractor Company, The. (See Zuhars, B. C., and Clarke, assignors.)
Ohio Varnish Company, The. (See Gstalder, Paul A., assignor.)
Ohl, Michael C., Denver, Colo. Traffic signal for automobiles. 1,469,806; Oct. 9.
Ohlen, Louis H., Dell Rapids, S. Dak. Radiator-handling device. 1,466,746; Sept. 4.
Ohler, Chester, Sugar Creek, Mo. Piston ring. 1,458,072; June 5.
Ohliger, Lewis P. and A. R. Reid, assignors to U. S. Light & Heat Corporation, Niagara Falls, N. Y. Molding. 1,442,730; Jan. 16.
Ohlson, Carl G., and A. E. Jupp, Youngstown, Ohio. Deformed reenforcing bar for concrete. 1,477,378; Dec. 11.
Ohm, Albert J. D., Astoria, N. Y., assignor to Max Schaffer Co. Lamp fixture. Des. 62,032; Mar. 6.
Ohm, Albert J. D., Astoria, N. Y., assignor to Max Schaffer Co. Lamp fixture. Des. 62,033; Mar. 6.
Ohm, Albert J. D., Astoria, N. Y., assignor to Max Schaffer Co. Lamp fixture. Des. 62,034; Mar. 6.
Ohm, Albert J. D., Astoria, N. Y., assignor to Max Schaffer Co. Lamp shade. Des. 63,003; Sept. 4.
Ohm, Albert J. D., Astoria, N. Y., assignor to Max Schaffer Co. Lantern lamp. Des. 63,164; Oct. 30.
Ohm, Albert J. D., Astoria, N. Y., assignor to Max Schaffer Company. Back plate for a lamp fixture. Des. 63,579; Dec. 18.
Ohm, Albert J. D., Astoria, N. Y., assignor to Max Schaffer Company. Lamp fixture. Des. 63,580; Dec. 18.
Ohm, Albert J. D., Astoria, N. Y., assignor to Max Schaffer Company. Lamp fixture. Des. 63,581; Dec. 18.
Ohm, Albert J. D., Astoria, N. Y., assignor to Max Schaffer Company. Arm for lamp fixtures. Des. 63,655; Dec. 25.
Ohman, John L., deceased, Niagara Falls, by C. A. White, administrator, assignor to Buffalo Refractory Corporation, Buffalo, N. Y. Refractory composition. 1,458,723; June 12.
Ohman, John L., deceased, Niagara Falls, by C. A. White, administrator, assignor to Buffalo Refractory Corporation, Buffalo, N. Y. Refractory composition. 1,458,724; June 12.
Ohman, John L., deceased, Niagara Falls, by C. A. White, administrator, assignor to Buffalo Refractory Corporation, Buffalo, N. Y. Refractory composition. 1,458,725; June 12.
Ohman, John L., deceased, Niagara Falls, by C. A. White, administrator, assignor to Buffalo Refractory Corporation, Buffalo, N. Y. Refractory composition. 1,458,726; June 12.
Ohmart, Otto, Cairo, Ill. Battery and bulb tester. 1,457,597; June 5.
Ohmer Fare Register Company. (See Kimes, R. H., and Schmidt, assignors.)
Ohmer, John F. (See Ohmer, John F., jr., assignor.)
Ohmer, John F., jr., assignor to J. F. Ohmer, Dayton, Ohio. Speed recorder. 1,471,977; Oct. 23.
Ohno, Ataka, Hongo-Ku, Toyko, Japan. Centrifugal separator. 1,447,685; Mar. 6.
Ohnstrand, Enoch, Mohawk, N. Y., assignor to Library Bureau, Cambridge, Mass. Fire-resistant cabinet. 1,442,731; Jan. 16.
Ohnstrand, Enoch, Mohawk, N. Y., assignor to Library Bureau, Cambridge, Mass. Cabinet. 1,442,732; Jan. 16.
Ohnstrand, Enoch, Mohawk, N. Y., assignor to Library Bureau, Cambridge, Mass. Fire-resistant cabinet. 1,443,087; Jan. 23.
Ohnstrand, Enoch, Mohawk, N. Y., assignor to Library Bureau, Cambridge, Mass. Interfitting corner construction. 1,462,617; July 24.
Ohnstrand, Enoch, Mohawk, N. Y., assignor to Library Bureau, Cambridge, Mass. Cabinet closure. 1,476,414; Dec. 4.
Oil Fuel Engineering Corporation. (See Hoffman, William M., assignor.)
Oil Products Appliance Co. (See Wyckoff, Andrew D., assignor.)
Oil Products Appliance Co. (See Wyckoff, A. D., and de Correvont, assignors.)
Oil Wells Renewal Company. (See Brine, Percival F., assignor.)
Oilgear Company, The. (See Ferris, Walter, assignor.)
Oishei, John R., Buffalo, N. Y. Adjustable bracket for mirrors and other articles. 1,472,566; Oct. 30.
Oishei, John R., assignor to Tri-Continental Corporation, Buffalo, N. Y. Tightening device for demountable wheel rims. 1,467,809; Sept. 11.
Okadee Company, The. (See Hollingshead, Arthur G., assignor.)
Okamoto, Kusuhide, Honolulu, Hawaii. Rim tool. 1,475,135; Nov. 20.
Okamoto, Tomotaro, Fort Lupton, Colo. Cultiyator. 1,477,846; Dec. 18.
O'Kane, Walter C., Durham, N. H. Camp stove. 1,448,148; Mar. 13.
O'Kane, Walter C., Durham, N. H. Oven. 1,449,952; Mar. 27.
O'Kane, William D., Springfield, Ohio. Receptacle for holding cigarettes. 1,458,356; June 12.
Okawa, Tetsuji. (See Fujimoto, M., and Okawa.)
Okel, Harry A., Wheeling, W. Va. Mechanical toy. 1,478,350; Dec. 18.
O'Kelly, James, Oneonta, N. Y. Combination lock. 1,451,954; Apr. 17.
Okill, John, Rock Ferry, England. Pressure indicator for internal-combustion engines and the like. 1,467,558; Sept. 11.
Okoniewski, Ludwik. (See Zukowski, Stefan, assignor.)
Olander, Axel E., Omaha, Nebr. Wall construction. 1,465,653; Aug. 21.
Olb, Valentine, Weehawken, N. J. Cloth-winding machine. 1,465,479; Aug. 21.
Olcott, Charles A., assignor to S. S. Hepworth Company, New York, N. Y. Bearing. 1,443,884; Jan. 30.
Olcott, Eben E. (See Farrell, R. C., and Coogan, assignors.)
Olcott, James H. (See Candee, Z. P., and Olcott.)
Olcott, Walter, South Manchester, Conn. Protective shield for automobile drivers. 1,469,102; Sept. 25.
Old Colony Trust Company, trustee. (See Toney, George W., assignor.)
Old Mother Hubbard's Grocery Cupboard Corporation. (See Arnold, Henry W., assignor.)
Olden, Arthur O., National City, Calif. Dredger. 1,460,558; July 3.
Olden, Harry L., Cincinnati, Ohio. Sheet-metal roofing. 1,459,855; June 26.
Older, Roy B., Danville, Ill. Electrically-heated flatiron. 1,457,792; June 5.
Older, Roy B., assignor to Allith-Prouty Company, Danville, Ill. Round-track tongue switch. 1,472,808; Nov. 6.
Oldershaw, Percival J., Harrington, Wash. Press for separating shafts from gears and the like. 1,446,102; Feb. 20.
Oldham, Arthur S., Miami, Okla. Making coffee. 1,478,908; Dec. 25.
Oldham, Charles W., assignor to Imperial Glass Company, Bellaire, Ohio. Glass dish or similar article. Des. 63,039; Sept. 18.
Oldham, Frank, Dallas, Tex. Insect exterminator. 1,465,557; Aug. 21.
Oldham, George, and Son Company. (See Oldham, Samuel, assignor.)
Oldham, Samuel, assignor to George Oldham and Son Company, Philadelphia, Pa. Tool retainer. 1,453,807; May 1.
Oldroyd, Cyrus S., Cincinnati, Ohio. Mining machine. 1,460,077; June 26.
Oldroyd, Cyrus S., Cincinnati, Ohio, assignor to Oldroyd Manufacturing Company, Knoxville, Tenn. Mining and quarrying machine. 1,456,930; May 29.
Oldroyd, Cyrus S., Cincinnati, Ohio, assignor to Oldroyd Maufacturing Company, Knoxville, Tenn. Mining and quarrying machine. 1,460,073; June 26.
Oldroyd, Cyrus S., Cincinnati, Ohio, assignor to Oldroyd Manufacturing Company, Knoxville, Tenn. Motor-driven truck. 1,460,074; June 26.
Oldroyd, Cyrus S., Cincinnati, Ohio, assignor to Oldroyd Manufacturing Company, Knoxville, Tenn. Mining and quarrying machine. 1,460,075; June 26.
Oldroyd, Cyrus S., Cincinnati, Ohio, assignor to Oldroyd Manufacturing Company, Knoxville, Tenn. Mining and quarrying machine. 1,460,076; June 26.
Oldroyd Manufacturing Company. (See Oldroyd, Cyrus S., assignor.)
Olds, Melvin. (See Jaycox, E., and Olds.)
Olds, Ransom E., Lansing, Mich. Detachable propulsion unit for railway vehicles. 1,443,033; Jan. 23.
Olds, Ransom E., Lansing, Mich. Root extractor. 1,443,034; Jan. 23.
Olds, Ransom E., Lansing, Mich. Auxiliary tread for pneumatic-tired vehicle wheels. 1,477,661; Dec. 18.
O'Leary, Edward J. (See Barton, J. T., and O'Leary.)
O'Leary, John J., Glenside, Pa. Hat protector. 1,469,189; Sept. 25.
O'Leary, William J., Montreal, Quebec, Canada. Solenoid. 1,460,390; July 3.
O'Lena, Louis A., assignor to N. Halperin, Brooklyn, N. Y. Method and apparatus for producing knitted fabric. 1,441,110; Jan. 2.

Oleson, Olaf E., Chicago, assignor of one-half to C. F. Sargent, Winnetka, Ill. Method and means for joining pipes. 1,467,064; Sept. 4.
Olevin, Adolph, Detroit, Mich. Fuse box. 1,447,600; Mar. 6.
Olgay, Albert, assignor to Gaw-O'Hara Envelope Company, Chicago, Ill. Paper-feeding mechanism. 1,443,430; Jan. 30.
Olhasso, John J., H. F. Goss, and J. H. Pos. Portland, Oreg., assignors to International Bolting Tool Corporation. Bolting machine. 1,442,536; Jan. 16.
Olhausen, Rivers D., Ridgely, Tenn. Rat trap. 1,446,268; Feb. 20.
Olin, August, Alameda, assignor to Atlas Imperial Engine Company, Oakland, Calif. Fluid strainer. 1,459,925; June 26.
Olin, Louis B., Chicago, Ill. Refrigerator vehicle. 1,443,498; Jan. 30.
Olin, Louis B., Chicago, Ill. Refrigerator vehicle. 1,452,090; Apr. 17.
Olinger, Thomas, assignor to Federal Stamping Company, Holland, Mich. Furnace-regulator construction. 1,446,515; Feb. 27.
Olinger, Thomas, assignor to Federal Stamping Company, Holland, Mich. Damper and damper-clip construction. 1,458,144; June 12.
Oliphant, Alva L., Washington, Kans. Loading and unloading device. 1,456,278; May 22.
Oliphant, John, Chicago, Ill., assignor to Sullivan Machinery Company. Compressor controlling mechanism. Re15,551; Feb. 27.
Olive, Paul, Hempstead, N. Y. Universal joint. 1,460,212; June 26.
Oliver, Albert L. (See Cavanaugh, H. F., Hall, and Oliver.)
Oliver Chilled Plow Works. (See Altgelt, Herman E., assignor.)
Oliver Chilled Plow Works. (See Altgelt, Rudolph J., assignor.)
Oliver Chilled Plow Works. (See Dewend, William D., assignor.)
Oliver Chilled Plow Works. (See Gallagher, Arthur D., assignor.)
Oliver Chilled Plow Works. (See Heylman, Edward M., assignor.)
Oliver Chilled Plow Works. (See Lowry, Edmund J., assignor.)
Oliver, Eben F., Jersey City, N. J., assignor to Korrectolite Company, Inc., New York, N. Y. Lighting fixture and producing same. 1,450,923; Apr. 10.
Oliver, Edd C., Adrian, Mich. Twist drill. 1,467,491; Sept. 11.
Oliver, Edwin L. (See Dolbear, Samuel H., assignor.)
Oliver, James A., Kent, Wash. Camp stove. 1,472,668; Oct. 30.
Oliver, Joseph W., Grand Rapids, Mich. Making rotatable tool carriers for planing machines and the like. 1,440,931; Jan. 2.
Oliver, Joseph W., Grand Rapids, Mich. Sawing machine. 1,478,052. Dec. 18.
Oliver Machinery Company. (See Humphreys, Hugh, assignor.)
Oliver, Mary A., Johnson City, Tenn. Bed bottom. 1,475,860; Nov. 27.
Oliver Oil-Gas Burner and Machine Company. (See Morrill, Richard R., assignor.)
Oliver, Ralph W., Toledo, Ohio. Powder box. 1,451,955; Apr. 17.
Oliver, Ruth M., assignor to Mrs. L. B. Koch, New York, N. Y. Paper milk bottle. 1,463,437; July 31.
Oliver, Thomas C. (See Hechenbleikner, I., and Oliver.)
Oliver, William, Montreal, Quebec, Canada. Cotter and the like. 1,441,706; Jan. 9.
Ollard, James C., Cleveland, Ohio. Door buffer. 1,466,954; Sept. 4.
Ollerenshaw, Reginald E., London, England. Fluid spreader or marking device. 1,464,214; Aug. 7.
Olley, Edwin A., assignor to Crouse-Hinds Company, Syracuse, N. Y. Panel-board construction. 1,452,752; Apr. 24.
Ollivier, Jocelyn E., La Vignette, St.-Gervais, France. Driving device for autosleds. 1,475,406; Nov. 27.
Olmstead, Charles W., Columbus, Ohio. Nut lock. 1,447,811; Mar. 6.
Olney, B. C., et al. (See Adams, Frank A., assignor.)
Olney, Burt C., et al. (See Adams, Frank A., assignor.)
Olney, George J., Westernville, N. Y. Vegetable cleaner and separator. 1,474,284; Nov. 13.
Olney, George W., Minneapolis, Minn. Manufacturing one-piece packing rings. 1,477,379; Dec. 11.
Olney, Oscar C., Lima, Ohio. Nonglare shade for automobile lamps. 1,446,925; Feb. 27.
Olofson, Charles, et al. (See Westman, Almar E., assignor.)
Olofson, Gustaf A., et al. (See Westman, Almar E., assignor.)
Olop, Stephen, Denver, Colo., assignor of one-third to A. L. Cunningham, St. Paul, Minn. Safety-pin. 1,451,105; Apr. 10.
O'Loughlin, Thomas J., and H. E. Smith, Chicago, Ill. Fire pot. 1,441,368; Jan. 9.
O'Loughlin, William P., Chicago, Ill. Wheel jack. 1,445,845; Feb. 20.
Olsen, Albert A., Ranger, Tex. Oil-well pump. 1,451,784; Apr. 17.
Olsen, Arthur T. C. (See Luethi, Fredrick C., assignor.)
Olsen, Benjamin B., Marshalltown, Iowa. Air heater. 1,463,484; July 31.
Olsen, Christopher B., jr., Honolulu, Hawaii. Safety receptacle for bottles and the like. 1,459,375; June 19.
Olsen, Frank A., San Gabriel, Calif. Water meter. 1,457,932; June 5.
Olsen, Halften E., Chicago, Ill., assignor, by mesne assignments, to F. C. Austin Machinery Company. Snow-melting apparatus. 1,451,027; Apr. 10.
Olsen, Halften E., Chicago, Ill., assignor, by mesne assignments, to F. C. Austin Machinery Company. Controller for street sprinklers or flushers. 1,470,699; Oct. 16.
Olsen, Hans A. (See Raasch, August J. and E. H., and Olsen.)
Olsen, Henrik O., and O. Nilsen, Trondhjem, Norway. Stave-planing machine. 1,441,369; Jan. 9.
Olsen, Henrik O., and O. Nilsen, Trondhjem, Norway. Head-rounding machine. 1,441,370; Jan. 9.
Olsen, John C., Rock Island, Ill. Attachment for lathes. 1,459,514; June 19.
Olsen, John K., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Odometer. 1,456,513; May 29.
Olsen, John K., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Swivel-gear joint and housing. 1,459,958; June 26.
Olsen, John K., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Quick-detachable searchlight mounting. 1,461,285; July 10.
Olsen, John K., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Combined compression spring and spring-bar bumper. 1,471,568; Oct. 23.
Olsen, Julius H. T., New York, N. Y. Shoe polish. 1,452,614; Apr. 24.
Olsen, Nels, San Leandro, Calif. Carbonizing furnace. 1,463,438; July 31.
Olsen, Olaf C. S., Chicago, Ill. Waste basket. Des. 62,959; Aug. 28.
Olsen, Simon D. (See Bruner, L. N., and Olsen.)
Olsen, Tinius, assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Testing machine. 1,474,545; Nov. 20.
Olsen, Tinius, Testing Machine Company. (See Olsen, Tinius, assignor.)
Olsen, Victor O., assignor to Charles McAdam Company, Chicago, Ill. Composition for use in finishing dry-cleaned leather. 1,453,723; May 1.
Olshan, Harry, Newark, N. J., assignor to Goldee Mfg. Co., Inc., Brooklyn, N. Y. Lunch box. 1,451,568; Apr. 10.
Olson, Adna E., Holton, Mich. Sectional boat. 1,445,792; Feb. 20.
Olson, Adolph W., McIntosh, Minn. Nonskidding device. 1,455,408; May 15.
Olson, Adolph W., McIntosh, Minn. Fastening device for cables. 1,456,824; May 29.
Olson, Albert, Minneapolis, Minn. Fish lure. 1,464,215; Aug. 7.
Olson, Andrew E., Wataga, Ill. Seed-corn sheller. 1,444,882; Feb. 13.
Olson, Axel. (See Weber, C. J. M., and Olson.)
Olson, Axel, and A. Hast, St. Paul, Minn.; said Hast assignor to said Olson. Door attachment. 1,469,683; Oct. 2.
Olson, Axel, and A. Hast, St. Paul, Minn.; said Hast assignor to said Olson. Knife sharpener. 1,469,684; Oct. 2.
Olson, Axel E., Browerville, Minn. Rotary valve for internal-combustion engines. 1,443,035; Jan. 23.
Olson, Axel E., Eskilstuna, Sweden. Steel stamp. 1,475,136; Nov. 20.
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Mechanism for testing gear-cutting machines. 1,451,921; Apr. 17.
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Hob. 1,454,135; May 8.
Olson, Carl P., Irvington, N. J. Film-making machine. 1,458,591; June 12.
Olson, Carl P., Irvington, N. J. Wrapping tissue. 1,458,592; June 12.
Olson, Charles A., assignor, by mesne assignments, to Geneva Heater Company, Geneva, Ill. Water heater. 1,464,954; Aug. 14.
Olson, Edward, Mount Alton, Pa. Knuckle joint for automobile steering mechanism. 1,450,780; Apr. 3.
Olson, Edward H., J. C. H. Clark, and M. B. Mealey, Walla Walla, Wash., and C. Pelter, Oregon City, Oreg. Automatic train-controlling apparatus. Re15,664; July 31.
Olson, Ervin O. (See Roragen, R. W., and Olson.)
Olson, Frank A., Revere, Minn. Combined water-feed valve and cleaner. 1,467,492; Sept. 11.
Olson, Hans M., Burbank, Calif. Abrasive composition. 1,444,479; Feb. 6.
Olson, Herbert O., Rockford, Ill. Decimal-equivalent chart. 1,461,138; July 10.
Olson, Jens, Lewiston, Idaho. Tape for wheels. 1,477,975; Dec. 18.
Olson, John, Battle Lake, Minn. Butter tub. 1,445,545; Feb. 13.

Olson, John, Detroit, Mich. Float-controlled valve. 1,463,907; Aug. 7.
Olson, John A., Chicago, Ill., assignor to The S-P Manufacturing Company, Cleveland, Ohio. Chuck. 1,455,351; May 15.
Olson, John B., assignor to James Manufacturing Co., Fort Atkinson, Wis. Stock-watering bucket. 1,449,693; Mar. 27.
Olson, Mauritz, assignor to The A. H. Nilson Machine Co., Bridgeport, Conn. Wire-chain machine. 1,464,331; Aug. 7.
Olson, Nels L., Detroit, Mich. Heat-treating container. 1,444,033; Feb. 6.
Olson, Nels L., Detroit, Mich. Composition of matter. 1,455,651; May 15.
Olson, Olaf, St. Paul, Minn. Adjustable fishing-line bobber. 1,463,020; July 24.
Olson, Ole J., Hardin, Mont. Tool. 1,445,546; Feb. 13.
Olson, Ole K., Oakdale, N. Dak. Trap nest for hens. 1,453,172; Apr. 24.
Olson, Reuben A., assignor of one-half to F. C. Lewis, Chicago, Ill. Musical-instrument string. 1,468,323; Sept. 18.
Olson, Richard A., Ironwood, Mich. Single-valve wall register. 1,451,586; Apr. 10.
Olson, Samuel, Chicago, Ill. Package conveying and distributing device. 1,460,437; July 3.
Olson, Samuel, assignor to Samuel Olson & Company, Chicago, Ill. Automatic feeder for elevators. 1,469,329; Oct. 2.
Olson, Samuel, assignor to Samuel Olson & Company, Chicago, Ill. Transfer device for conveyers. 1,475,962; Dec. 4.
Olson, Samuel, & Company. (See Olson, Samuel, assignor.)
Olson, Swan, Minneapolis, Minn. Push-harvester binder. 1,450,384; Apr. 3.
Olson, Swan, Minneapolis, Minn. Shock-loader. 1,455,029; May 15.
Olson, Walter E., Chicago, Ill. Preparing strands for weaving rugs and the like. 1,445,793; Feb. 20.
Olson, Walter E., Chicago, Ill. Support for dyeing or drying rugs or the like. 1,475,026; Nov. 20.
Olsson, Ored, Ord, Nebr. Lubricating device for windmills. 1,477,519; Dec. 11.
Olsson, Zacharias, assignor of six-tenths to A. Rust-Oppenheim, New York, N. Y. Refractory material. 1,442,413; Jan. 16.
Olszewski, Michael W. (See Marciniak, Michael, assignor.)
Omaha Accessory Company. (See Hartman, Arthur C., assignor.)
O'Malley, John C., administrator. (See Barry, Joseph W.)
O'Nan, Charles B., assignor of one-half to J. C. Smith, El Paso, Tex. Mixing device. 1,473,508; Nov. 6.
O'Neal, John B., jr., Waycross, Ga. Table. 1,454,903; May 15.
O'Neall, Charles F. (See Clemons, Ulysses F., assignor.)
O'Neel, Walter, Shelbyville, Ind. Bottle refrigerator. 1,468,126; Sept. 18.
Oneida Community, Limited. (See Allen, Grosvenor N., assignor.)
Oneida Community, Limited. (See Ellis, Ferrand F., assignor.)
Oneida Community, Limited. (See Lee, John L., assignor.)
O'Neil, Arthur S., Springfield, Ill., assignor, by mesne assignments, to Western Cartridge Company. Apparatus for recovering solvent. 1,443,547; Jan. 30.
O'Neil, Arthur S., and R. R. Evans, Springfield, Ill., assignors, by mesne assignments, to Western Cartridge Company. Propellant explosive. 1,464,012; Aug. 7.
O'Neil, Rodolph S., London, England. Electrical indicating device. 1,461,830; July 17.
O'Neil, William, assignor to The General Tire & Rubber Company, Akron, Ohio. Manufacture of cord tires. Re15,631; June 19.
O'Neill, Bernard V., New York, N. Y. Music-roll container. 1,460,978; July 3.
O'Neill, Daniel. (See Campbell, C. J., and O'Neill.)
O'Neill, Frank, Toledo, Ohio. Glass-handling apparatus. 1,462,652; July 24.
O'Neill, Henry, Greensburg, Pa. Flask. 1,445,642; Feb. 20.
O'Neill, Henry W., Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Telegraph system. 1,445,233; Feb. 13.
O'Neill, John J., Londonderry, Vt. Boot and shoe drier. 1,444,264; Feb. 6.
O'Neill, Philip L. (See Valiton, Frederick H., assignor.)
O'Neill, Richard J., assignor of one-half to F. S. McNamara, Denver, Colo. Smokestack cover. 1,453,477; May 1.
O'Neill, William F., Albany, N. Y. Scrubbing stool. 1,454,401; May 8.
O'Neill, William J., Oak Park, assignor to E. C. Guthard, Chicago, Ill. Wrench and the like. 1,455,147; May 15.
O'Neill, William L., assignor to Stromberg Motor Devices Company, Chicago, Ill. Carbureting apparatus for internal-combustion engines. 1,452,699; Apr. 24.
Onepiece Bifocal Lens Company. (See Bugbee, Lucian W., assignor.)
Ong, Walter C., Columbus, Ohio. Coffeepot attachment. 1,468,411; Sept. 18.
Onion, William H., New Orleans, La. Conveyer. 1,458,435; June 12.
Only Package Pie, Inc., The. (See Brown, F. D., and McAlevey, assignors.)
Onnertz, Paul, Berlin-Wilmersdorf, assignor to Actien Gesellschaft für Anilin Fabrikation, Berlin, Germany. Preparation for dyeing furs, hairs, and the like. 1,453,021; Apr. 24.
Onnertz, Paul, Berlin-Wilmersdorf, assignor to Actien Gesellschaft für Anilin Fabrikation, Berlin, Germany. Dyeing furs, skins, hairs, feathers, or the like. 1,466,747; Sept. 4.
Onnertz, Paul, Berlin-Wilmersdorf, and A. Peters, assignors to Actien Gesellschaft für Anilin Fabrikation, Berlin, Germany. Dyeing animal or mixed fibers. 1,441,240; Jan. 9.
Onnertz, Paul, Berlin-Wilmersdorf, A. Peters, Berlin, and B. Schwärtzel, Berlin-Wilmersdorf, assignors to Actien Gesellschaft für Anilin Fabrikation, Berlin, Germany. Protecting animal fiber. 1,466,748; Sept. 4.
Onofrio, Gabriel D., Binghamton, N. Y. Car-step register. 1,443,272; Jan. 23.
Onwiler, Paul E., Billings, Mont. Electrical heating device. 1,469,588; Oct. 2.
Oosterhouse, Peter, Richmond, Mich. Chemical fireproof paint. 1,442,089; Jan. 16.
Opel, Robert L., Elkins, W. Va. Lock. 1,444,520; Feb. 6.
Open Coil Heater & Purifier Company. (See Stickle, Cole, assignor.)
Openshaw, Fred, Gonville, Wanganui, New Zealand. Self-locking wireless molded roofing. 1,454,070; May 8.
Opfel, Royal W., Cuero, Tex. Portable grinding machine. 1,471,412; Oct. 23.
Opferkuck, Emil, assignor to The Superior Gas Engine Company, Springfield, Ohio. Water-circulating system for internal-combustion engines. 1,466,803; Sept. 4.
Opie, John N., 3d, Baltimore, Md. Pump plunger. 1,447,566; Mar. 6.
Opitz, John L., Clarinda, Iowa. Narrow-tread front-wheel attachment for tractors. 1,468,669; Sept. 25.
Opitz, John L., Clarinda, Iowa. Rear-axle extension device for tractors. 1,470,283; Oct. 9.
Oppenheim, Jesse, assignor to Hyman & Oppenheim, New York, N. Y. Hair net. 1,453,168; Apr. 24.
Oppenheim, Julius, New York, N. Y. Support for alarm clocks. 1,475,137; Nov. 20.
Oppenheim, Julius, assignor to Dasco Import Co. Inc., New York, N. Y. Match case. 1,471,912; Oct. 23.
Oppenheim, Theodore H., and B. Selhorst, assignors to The New Idea Spreader Co., Coldwater, Ohio. Rolls for corn-husking machines. 1,462,815; July 24.
Opperman, Hugh F., Honolulu, Hawaii, assignor to California Packing Corporation, San Francisco, Calif. Pineapple-shell-feeding device. 1,460,559; July 3.
Oppman, Joseph, et al. (See McKee, Joseph E., assignor.)
Oppman, Joseph, assignor of one-half to P. Mikalarias, Connellsville, Pa. Pasting and cutting machine. 1,465,861; Aug. 21.
Oppman, Joseph, assignor of one-half to P. Mikalarias, Connellsville, Pa. Paper pasting and severing machine. 1,465,862; Aug. 21.
Oppman, Joseph, assignor of one-half to A. I. Daniels, Connellsville, Pa. Skid-chain fastener. 1,469,103; Sept. 25.
Opsahl, Harry L., Minneapolis, Minn. Indicator and signal. 1,471,625; Oct. 23.
Optische Anstalt C. P. Goerz Aktiengesellschaft. (See Jacob, Heinrich, assignor.)
Optische Anstalt C. P. Goerz Aktiengesellschaft. (See Urban, Franz, assignor.)
Orange, Charles T. (See Macbeth, Albert C., assignor.)
Orban, Joseph W. O., Brooklyn, N. Y. Folding case. 1,464,391; Aug. 7.
Orbán, Lőrincz, Beaver Falls, Pa. Railway-track joint. 1,440,932; Jan. 2.
Orbin, George,, assignor of one-third to O. J. Quinn, Tuscaloosa, Ala. Cushioning tire. 1,444,265; Feb. 6.
Orchowski, Franz, Bremen, Germany. Handle bar for bicycles. 1,446,430; Feb. 20.
Orcutt, Charles C. (See Nelson, Clare, assignor.)
Orcutt, Harry F. L., assignor to The Gear Grinding Company Limited, Birmingham, England. Dividing head for grinding and other machines. 1,442,537; Jan. 16.
Ord, Craven R., Guelph, Ontario, Canada. Runner attachment for wheeled carriages. 1,450,924; Apr. 10.
Ord, Edward O. C., Berkeley, Calif. Gold pan. 1,444,752; Feb. 6.
Ordinator Company. (See Brixey, Austin D., assignor.)
Ordung, Henry H., assignor of one-half to J. Wade, Laporte, Ind. Tag. 1,450,816; Apr. 3.
Ordung, Henry H., assignor of one-third to J. Wade and one-third to G. T. Sharp, Laporte, Ind. Locking device for fruit cans or the like. 1,458,989; June 19.
Ordway, Joseph H., Brookline, Mass. Molding press. 1,443,378; Jan. 30.
Ordway, L. P. (See Disbrow, Reuben B., assignor.)
Ore Roasting Development Company. (See Fogh, Carl S., assignor.)
Orear, Benjamin F., Minneapolis, Minn. Folding camp table and stool set. 1,457,041; May 29.
O'Reilly, Charles L. (See Sherlock, John F., assignor.)

Orenstein, Samuel, Newark, N. J. Wardrobe trunk. 1,443,142; Jan. 23.
Orlando, Anthony, Chattanooga, Tenn. Polishing machine. 1,452,926; Apr. 24.
Orlopp, Harry A., Los Angeles, Calif., and D. B. Smith, El Paso, Tex. Concrete-form tie and spacer. 1,468,790; Sept. 25.
Ormes, Norman A., Pittsburgh, Pa. Truck. 1,444,356; Feb. 6.
Ormiston, Gilbert J., Chicago, Ill. Spur. Des. 62,305; May 1.
Ormsby, Donald D., assignor to Brown Lipe Chapin Company, Syracuse, N. Y. Differential gearing. 1,469,190; Sept. 25.
Ormsby, Frank E., Chicago, Ill. Typewriter. 1,467,191; Sept. 4.
Ormsby, Otis W., Hill City, S. Dak. Wrench. 1,477,184; Dec. 11.
Ornduff, Robert, Carthage, Mo. Humidor. 1,469,104; Sept. 25.
O'Rourke, Andrew, assignor to Crane Company, Chicago, Ill. Alloy. 1,448,571; Mar. 13.
O'Rourke, Frank G., Lackawanna, N. Y. Rotary engine. 1,473,249; Nov. 6.
O'Rourke, Frank J., Whitestone, N. Y. Douche can and indicator therefor. 1,469,486; Oct. 2.
O'Rourke, John P. (See McGarry, Joseph A., assignor.)
O'Rourke, Thomas J., Worcester, Mass., assignor to The Washburn Company. Toaster. 1,467,767; Sept. 11.
O'Rourke, William N., Jersey City, N. J. Pencil-lead holder. 1,442,964; Jan. 23.
Orr, Fingal C., Burbank, Calif. Liquid-dispensing apparatus. 1,466,804; Sept. 4.
Orr, James V., Monroe, Wash. Watch. 1,445,159; Feb. 13.
Orr, James W., Kansas City, Mo. Emergency brake. 1,461,401; July 10.
Orr, James W., Kansas City, Mo. Emergency brake for motor vehicles. 1,470,098; Oct. 9.
Orr, Joseph L., Lexington, N. C. Combined advertising device and twine holder. 1,456,825; May 29.
Orr, Mark P., Norwood, assignor to The Security Metal Products Company, Cincinnati, Ohio. Bottle-sealing device. 1,478,140; Dec. 18.
Orr, Mark P., Norwood, assignor to The Security Metal Products Company, Cincinnati, Ohio. Metal top for sealing glass containers. 1,478,141; Dec. 18.
Orr, Robert I., assignor of one-third to L. H. Lamb, jr., St. Elmo, and one-third to L. J. Spence, Chattanooga, Tenn. Vase for cemeteries. 1,464,290: Aug. 7.
Orr, Robert J., Woodhaven, assignor of one-half to S. Scammacca, Brooklyn, N. Y. Typewriting machine. 1,469,482; Oct. 2.
Orr, Sumner E., Tacoma, Wash. Dirigible light for motor vehicles. 1,454,981; May 15.
Orr, William V., Cleveland, Ohio. Vacuum cleaning device. 1,476,004; Dec. 4.
Orrick, Martha B., Baltimore, Md. Card holder. Des. 62,109; Mar. 20.
Orrill, Edgar P., Americus, Kans. Implement holder. 1,445,029; Feb. 13.
Orrock, John W., Montreal, Quebec, Canada. Metal door. 1,441,446; Jan. 9.
Orrok, Albert H. (See Price, G. W., and Orrok.)
Orsbee Company, The. (See Ogden, Ralph E., assignor.)
Orsborn, John S. (See Rumbaugh, C. M., and Orsborn.)
Orshal, David B., Carlisle, Pa. Mitering machine. 1,445,547; Feb. 13.
Orsi, Peter, Stockton, Calif. Tie holder. 1,459,926; June 26.
Orstad, Elmer M., Park River, N. Dak. Horse protector. 1,459,601; June 19.
Örström, Gustaf. (See Ekström, G. C., and Örström.)
Orth, Fred W., Ocean Park, Wash. Perpetual calendar. 1,459,236; June 19.
Orth, Harold. (See Sandberg, Axel G., assignor.)
Orth, Harold, Denver, Colo. Pick for musical instruments. 1,444,982; Feb. 13.
Orthmann, Alfred, Barmen, Germany, assignor to Barthels Manufacturing Co., Glendale, N. Y. Machine for guiding bobbins in running paths. 1,477,380; Dec. 11.
Orthmann, Fred, Brooklyn, N. Y. Cornice scaffold. 1,442,697; Jan. 16.
Orthmann, Fred, Brooklyn, N. Y. Window scaffold. 1,443,903; Jan. 30.
Ortiz, César, Mendoza, Argentina. Antipuncture device for pneumatic tires. 1,446,206; Feb. 20.
Ortmann, Theodore, Pierz, Minn. Stone picker. 1,478,142; Dec. 18.
Orton, Charles S., North Tonawanda, N. Y. Motor-vehicle control. 1,465,480; Aug. 21.
Orton, Frederick. (See Smith, R. S., Miller, and Orton.)
Ortwein, John, Shelburn, Oreg. Lubricating device for automobiles. 1,446,516; Feb. 27.
Orzali, Achille, assignor to Societa Fabbrica di Tavelloni "Achille Orzali & Compagnia," Lucques, Italy. Slab and floor. 1,464,106; Aug. 7.
Osann, Frederick, Company. (See McCann, Michael, assignor.)
Osann, Norman, Arlington, Mass., assignor to Kalmus, Comstock & Wescott, Inc., Boston, Mass. Optical refracting device. 1,443,756; Jan. 30.
Osborn, Albert D. (See Taylor, S. M., and Osborn.)
Osborn, Alden E., New York, N. Y. Reverse gearing. 1,441,520; Jan. 9.
Osborn, Alden E., New York, N. Y. Crank-shaft transmission gear. 1,441,521; Jan. 9.
Osborn, Alden E., New York, N. Y. Transmission mechanism. 1,445,160; Feb. 13.
Osborn, Alden E., New York, N. Y. Motor vehicle. 1,452,698; Apr. 24.
Osborn, Alden E., New York, N. Y. Cone-gear transmission mechanism. 1,453,478; May 1.
Osborn, Alden E., New York, N. Y. Piston. 1,456,708; May 29.
Osborn, Alden E., New York, N. Y. Crank-shaft differential gear. 1,458,496; June 12.
Osborn, Alden E., New York, N. Y. Motor vehicle. 1,463,371; July 31.
Osborn, Alden E., New York, N. Y. Steering-wheel driving mechanism. 1,476,173; Dec. 4.
Osborn, Alden E., New York, N. Y. Automatically-adjusting turnbuckle. 1,477,891; Dec. 18.
Osborn, Clyde, Milo, Calif. Combined wheel and air tank. 1,464,441; Aug. 7.
Osborn-Crew Manufacturing Company, The. (See Rose, Jacob B., assignor.)
Osborn, Frederick H. (See Reaser, J. W., Hull, and Osborne.)
Osborn, Henry C., Cleveland, Ohio. Therapeutic cabinet. 1,476,460; Dec. 4.
Osborn, Henry C., assignor to The American Multigraph Company, Cleveland, Ohio. Mechanism for holding type lines. 1,472,809; Nov. 6.
Osborn, Jesse C., assignor to J. W. Duntley, Chicago, Ill. Timer. 1,460,823; July 3.
Osborn, Joseph W., Lake City, Iowa. Towing device. 1,476,638; Dec. 4.
Osborn Manufacturing Company. (See Carman, Edwin S., assignor.)
Osborn, Raymond A. (See Bryant, C. H., and Osborn.)
Osborn, Warren M., Chicago, Ill. Car stop. 1,472,132; Oct. 30.
Osborn, Warren M., and R. N. Wade, assignors to Chicago Malleable Castings Company, Chicago, Ill. Rail-anchor method. 1,444,205; Feb. 6.
Osborne, Frank, Ford City, Pa., assignor to Pittsburgh Plate Glass Company. Glass melting pot. 1,475,650; Nov. 27.
Osborne, Harold S., New York, N. Y., assignor to American Telephone and Telegraph Company. Detecting circuits. 1,440,407; Jan. 2.
Osborne, Harold S., New York, N. Y., assignor to American Telephone and Telegraph Company. Repeater apparatus for carrier systems. 1,473,682; Nov. 13.
Osborne, Harold S., New York, N. Y., assignor to American Telephone and Telegraph Company. Low-frequency measuring device. 1,475,240; Nov. 27.
Osborne, Harold S., Montclair, N. J., assignor to American Telephone and Telegraph Company. Multiple balancing arrangement for multiplex transmission. 1,458,193; June 12.
Osborne, Heinrich. (See Kesten, P., and Osborne.)
Osborne, John H., Blackheath, London, and A. W. Burford, Lee, London, England. Fire ladder and the like. 1,478,793; Dec. 25.
Osborne, Lonnie E., and N. M. Lower, Bellevue, Pa. Locomotive booster. 1,469,526; Oct. 2.
Osborne, Raymond G., Los Angeles, Calif. Protecting reenforcement in concrete and the like. 1,457,598; June 5.
Osborne, Thomas J., Premier, assignor of one-half to A. Irvine, McDowell, W. Va. Winding device. 1,447,033; Feb. 27.
Osbourn, Millard P., Philadelphia, Pa. Pump. 1,470,099; Oct. 9.
Osbourn, Millard P., Philadelphia, Pa. Refrigerating system. 1,475,504; Nov. 27.
Osbourn, Millard P., Philadelphia, Pa. Refrigerating system. 1,475,505; Nov. 27.
Osbourn, Millard P., assignor of one-half to J. P. Badenhausen, Philadelphia, Pa. Valve mechanism for steam engines. 1,445,794; Feb. 20.
Osburn, Robert A., Birmingham, Ala. Convertible socket wrench. 1,446,988; Feb. 27.
Osburn, Robert A., Birmingham, Ala. Safety razor. 1,446,989; Feb. 27.
Osburn, Wallace N., Novi Township, Oakland County, Mich. Soap dish. 1,468,917; Sept. 25.
Oscanyan, Paul C., Bogota, N. J., assignor to Star Ball Player Company, New York, N. Y. Score or bulletin board. 1,459,341; June 19.
Osegovic, Eugene, Brooklyn, N. Y. Sea mine. 1,456,646; May 29.
Osenkowski, Jan, Brooklyn, N. Y. Envelop. 1,465,284; Aug. 21.
Osgood, Louis A., assignor to International Scale Company, Dayton, Ohio. Counting device for scales. 1,451,403; Apr. 10.
Osgood, Louis A., Dayton, and E. E. Wolf, Springfield, assignors to International Scale Company, Dayton, Ohio. Counting device for scales. 1,470,025; Oct. 9.
Osgood, Walter P., Malden, assignor to Boston Machine Works Company, Lynn, Mass. Cementing machine. 1,472,083; Oct. 30.

Osgood, Walter P., Malden, W. E. Smith, Lynn, and J. U. Peabody, Swampscott, assignors to Boston Machine Works Company, Lynn, Mass. Cementing machine. 1,446,766; Feb. 27.
Osgood, William S., jr., Chicago, Ill. Wringer attachment. 1,477,713; Dec. 18.
O'Shaughnessy, Laughlin J., Halifax, Nova Scotia, Canada. Life preserver. 1,478,351; Dec. 18.
Osher, Julius C., Anaheim, assignor of one-half to O. Wingard, Los Angeles, Calif. Motor. 1,476,005; Dec. 4.
Oshkosh Lowering Device Co. (See Rosenkranz, Hugo E., assignor.)
Oshkosh Trunk Company, The. (See Meyer, Frank W., assignor.)
Oslund, Charles H. (See Johnson, J. E., and Oslund.)
Oslund, Charles H., assignor to The O and J Machine Company, Worcester, Mass. Continuous wireworking machine. 1,441,707; Jan. 9.
Oslund, Charles H., Worcester, Mass., assignor to The O & J Machine Company. Die support for wire-drawing machines. 1,447,356; Mar. 6.
Oslund, Charles H., assignor to The O & J Machine Company, Worcester, Mass. Wiping-down device. 1,462,940; July 24.
Osmondson, Osmond A., Chicago, Ill. Hand feed for drill presses. 1,461,931; July 17.
Ososke, Rudolph, assignor, by mesne assignments, to The Economy Gage and Manufacturing Company, Inc., Detroit, Mich. Lock-seam tube-forming machine. 1,455,652; May 15.
Ossenbeck, Anton. (See Engelhardt, R., Lommel, and Ossenbeck.)
Osswald, Herman, Richmond Hill, N. Y. Press. 1,472,810; Nov. 6.
Osteman, Carl G. (See Blood, C. W. H., and Osteman.)
Ostenberg, Pontus, San Jose, Calif. Pump mechanism. 1,452,091; Apr. 17.
Ostenberg, Pontus, San Jose, Calif. Pump mechanism. 1,472,338; Oct. 30.
Ostenberg, Pontus, San Jose, Calif. Gap closer. 1,473,250; Nov. 6.
Ostenberg, Zeno, assignor to The Caltex Company, San Jose, Calif. Coating-machine block adjuster. 1,466,184; Aug. 28.
Ostenberg, Zeno, assignor to The Caltex Company, San Jose, Calif. Coating machine. 1,470,540; Oct. 9.
Ostendorf, Peter, Berndorf, Austria. Bronze alloy and its production. 1,457,288; May 29.
Ostendorf, Peter, Berndorf, Austria. Copper and zinc alloy. 1,457,289; May 29.
Oster, Karl W., Portland, Oreg. Bird cage. 1,468,730; Sept. 25.
Osterdahl, Lennart, and H. G. Cowling, Fairfax, Wash. Crosscut saw. 1,470,871; Oct. 16.
Ostergard, Christian P., Omaha, Nebr. Combination T-square. 1,448,083; Mar. 13.
Osterholm Automatic Machine Co. (See Osterholm, William C., assignor.)
Osterholm, William C., assignor to Osterholm Automatic Machine Co., Chicago, Ill. Grinding machine. 1,462,653; July 24.
Osterhoudt, Rodney B., Kingston, N. Y. Cigar moistener. 1,474,684; Nov. 20.
Osterlind, August F., St. Paul, Minn. Bed for cylinder presses. 1,475,963; Dec. 4.
Osterman, Gustaf E., Montreal, Quebec, Canada. Portable brake shoe. 1,476,099; Dec. 4.
Ostermann, John J. (See Walsh, J. R., and Ostermann.)
Ostermann, Rudolf M., Evanston, Ill., assignor to The Superheater Company, New York, N. Y. Separator. 1,474,056; Nov. 13.
Osthoff, Walter, Barmen, Germany. Singeing device for textile fabrics. 1,443,587; Jan. 30.
Ostmeyer, Edward. (See Breitling, E., and Ostmeyer.)
Ostrander, Albert H., Panora, Iowa. Tank heater and water circulator. 1,468,670; Sept. 25.
Ostrander, Allen E., Ridgewood, N. J., assignor to American Car and Foundry Company, St. Louis, Mo. Making welded and riveted joints. 1,452,523; Apr. 24.
Ostrander, James, assignor to Grapho-Metal Packing Company, Indianapolis, Ind. Flexible packing and making it. 1,459,744; June 26.
Ostrander, Orra A., Kirkwood, N. Y. Tail holder for cattle. 1,469,239; Oct. 2.
Ostrowski, Bennie F., San Jose, Calif. Vanity case. 1,462,376; July 17.
Oswald, Alfred E., Bogota, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Typing-speed recorder. 1,475,715; Nov. 27.
Oswald, Edward, Syracuse, N. Y. Water wheel. 1,447,686; Mar. 6.
Oswald, Franklin L. (See Morrison, R. A., and Oswald.)
Oswald, Louis N., Orleans, Nebr. Clothespin. 1,461,982; July 17.
Oswald, Richard W., Sewickley, Pa. Fan wheel. 1,478,909; Dec. 25.
Oswalt, George L., Clinton, Ind. Mold for forming bricks or concrete blocks. 1,455,222; May 15.
Oswego Falls Corporation. (See Bond, Joseph T., assignor.)
Oswego Falls Corporation. (See Wright, Wilbur L., assignor.)
Otaka Fabric Company, The. (See Lorenz, William A., assignor.)
Otis, Albert N., Schenectady, N. Y., assignor to General Electric Company. Electric heater. 1,471,913; Oct. 23.
Otis Automatic Train Control, Inc. (See Miller, Robert L., assignor.)
Otis Automatic Train Control Incorporated. (See Bissell, David J., jr., assignor.)
Otis Bed Mfg. Company. (See Chadwick, H. A., and Greene, assignors.)
Otis, Chandler R., San Francisco, Calif. Valve-facing tool. 1,446,856; Feb. 27.
Otis Company. (See Rood, William B., assignor.)
Otis Elevator Company. (See Boyce, John E., assignor.)
Otis Elevator Company. (See Dunn, Edward L., assignor.)
Otis Elevator Company. (See Kesten, P., and Osborne, assignors.)
Otis Elevator Company. (See Lindquist, David L., assignor.)
Otis Elevator Company. (See Margles, S. G., and Niendorff, assignors.)
Otis Elevator Company. (See Snead, Herbert S., assignor.)
Otis Elevator Company. (See Sundh, August, assignor.)
Otis, Gerald E., assignor to The Herman Nelson Corporation, Moline, Ill. Fan. 1,459,927; June 26.
Otis, Spencer, Chicago, Ill. Railway locomotive terminal. 1,441,699; Jan. 9.
Otis, Spencer, Chicago, Ill. Boiler-washing system. 1,442,581; Jan. 16.
Otis, Spencer, Chicago, Ill. Locomotive blow-off system. 1,475,717; Nov. 27.
Otis, Spencer, Chicago, Ill. Automatic hot-water supply for tanks. 1,478,246; Dec. 18.
Otis, Spencer, Barrington, Ill. Wheel-pit drop table. 1,450,702; Apr. 3.
Otis, Spencer, Barrington, Ill. Loading stage for depots and the like. 1,473,709; Nov. 13.
Otis, Spencer, and F. S. Wichman, Chicago, Ill. Temperature control for boiler-washout systems. 1,460.109; June 26.
Otis, Spencer, and W. A. Gardner, Chicago, Ill. Blow-off plug for boilers. 1,475,718; Nov. 27.
O'Toole, Theresa M. (See Degheri, Theresa M.)
Otowicz, Wladyslaw, Greenwich, Conn. Lock. 1,448,313; Mar. 13.
Otsuki, Kisaburo, Fulton, Calif. Storing and preserving cabinet. 1,463,723; July 31.
Ott, Charles S. (See Betts, C. A., and Ott.)
Ott, Clarence F., Whittier, Calif. Retort for destructive evolution and oxidation. 1,478,247; Dec. 18.
Ott, Harry G. (See Ott, Harvey N. and H. G.)
Ott, Harvey N. and H. G., assignors to Spencer Lens Company, Buffalo, N. Y. Condenser or illuminator for microscopes. 1,461,367; July 10.
Ott, Jacob, Lancaster, N. Y. Multiple shingle. 1,445,161; Feb. 13.
Ott, Thomas F., Berkeley, Calif. Producing lubricating oils. 1,448,084; Mar. 13.
Ott, William D., and H. F. Griffin, Riverside, Iowa. Automobile headlight. 1,450,642; Apr. 3.
Ottawa Silica Company. (See Gyger, Joseph, assignor.)
Otte, Otho M., Tarentum, Pa. Spotlight bracket. 1,459,856; June 26.
Otten, Lawrence F., Newport, Ky. Belt buckle. 1,464,915; Aug. 14.
Ottenheimer, Reuben E., Baltimore, Md. Refrigerator construction. 1,478,527; Dec. 25.
Ottenthal, Charles J. (See Zearing, R. M., jr., and Ottenthal.)
Otterbein, Arthur, assignor to The Kirby Manufacturing Company, Middletown, Conn. Mounting bells on toys or other articles. 1,450,961; Apr. 10.
Otterbein, Arthur, assignor to The Kirby Manufacturing Company, Middletown, Conn. Pad holder. 1,478,880; Dec. 25.
Otterbein, Ferdinand D. (See Butterfield, E. H., and Otterbein.)
Otterson Auto-Eductor Co., The. (See Otterson, George W., assignor.)
Otterson, George W., Seattle, Wash. Ash collector or like self-loading vehicle. 1,458,240; June 12.
Otterson, George W., Seattle, Wash. Self-loading vehicle. 1,458,241; June 12.
Otterson, George W., Seattle, Wash., assignor to The Otterson Auto-Eductor Co., Springfield, Ohio. Apparatus for cleaning catch basins and the like. 1,448,085; Mar. 13.
Otting, Karl, Berlin, Germany. Bag opening and filling machine. 1,443,588; Jan. 30.
Otting, Karl, assignor to the firm: Maschinen für Massenverpackung, G. m. b. H., Berlin, Germany. Machine for closing paper bags. 1,444,005; Feb. 6.
Ottinger, Leon, New York, N. Y. Adjustable lock strike. 1,441,020; Jan. 2.
Ottinger, Leon, New York, N. Y. Adjustment device. 1,448,035; Mar. 13.
Ottinger, Leon, New York, N. Y. Latch. Re15,569; Apr. 3.
Ottinger, Leon, New York, N. Y. Protecting device for latch parts. 1,461,044; July 10.

Ottman, Frank, Utica, N. Y. Hoop for lifting crocks. 1,460,268; June 26.
Otto, George T. W., Baltimore, Md. Spark-plug attachment. 1,447,812; Mar. 6.
Otto, Henry M., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Conveyer for ticket-distributing systems. 1,459,413; June 19.
Otto, Stuart, and J. C. Jankus, Scranton, Pa.; said Jankus assignor to said Otto. Absorbing still for refrigerating apparatus. 1,470,638; Oct. 16.
Otto, William, Edgeley, N. Dak. Excavator. 1,462,494; July 24.
Otto, William H., and W. Ulrich, Cincinnati, Ohio. Clamp. 1,452,753; Apr. 24.
Ottumwa Iron Works. (See Mead, Ezra B., assignor.)
Otwell, Ralph B., Detroit, Mich. Tractor. 1,443,379; Jan. 30.
Ouderkirk, Charles W., Mount Pleasant, Mich. Shaft coupling. 1,469,527; Oct. 2.
Oudin, Charles P. (See Phillips, John F., assignor.)
Ousdahl, Adolph, Seattle, Wash. Automatic stoker. 1,472,280; Oct. 30.
Outing Kumfy-Kab Company. (See Brown, Reinhardt H., assignor.)
Ouzoonian, Aram S., assignor to Lito-Fone Company, Inc., New York, N. Y. Signal for automotive vehicles. 1,468,830; Sept. 25.
Ouzoun-Boghossian, Sissag K., Heliopolis, Egypt. Watch-movement case. Des. 62,793; July 31.
Ovaitt, Nelson C., Detroit, Mich., assignor, by mesne assignments, to Payometer Company. Counter attachment for accounting machines. 1,464,683; Aug. 14.
Oven, Frank J., assignor to Victor Manufacturing & Gasket Co., Chicago, Ill. Gasket. 1,472,133; Oct. 30.
Ovenshire, Elijah A., assignor, by mesne assignments, of one-half to O. A. Lovejoy, Los Angeles, Calif. Educational game appliance. 1,470,872; Oct. 16.
Overall, John, Drummoyne, near Sydney, New South Wales, Australia. Apparatus for cleaning ships' bottoms. 1,468,646; Sept. 25.
Overbaugh, Crellan G., and F. Kell, Port Rowan, Ontario, Canada, assignors to E. A. Killmaster, Cleveland, Ohio. Fruit-jar-cover fastener and remover. 1,475,716; Nov. 27.
Overbaugh, Leslie, San Diego, Calif. Sprinkler nozzle. 1,472,669; Oct. 30.
Overbeek, Albertus, Weltevreden, Java, Dutch East Indies. Helicopter. 1,455,352; May 15.
Overbury, Frederick C., Hillsdale, N. J., assignor to The Flintkote Company, Boston, Mass. Machine for cutting slots in raw felt. 1,441,708; Jan. 9.
Overbury, Frederick C., Hillsdale, N. Y., assignor to The Flintkote Company, Boston, Mass. Roof and roof covering. 1,447,567; Mar. 6.
Overbury, Frederick C., Hillsdale, N. J., assignor to The Flintkote Company, Boston, Mass. Method of and apparatus for making ornamental roofing. 1,472,227; Oct. 30.
Overbury, Frederick C., Rutherford, N. J., assignor to Flintkote Manufacturing Company, Boston, Mass. Forming roofing-strip blanks. 1,475,551; Nov. 27.
Overgard, Sam, Winifred, Mont. Awl. 1,458,842; June 12.
Overholt, Albert L., Minneapolis, Minn., assignor, by mesne assignments, to Steiner Sales Company, Salt Lake City, Utah. Lock device for towel cabinets. 1,477,000; Dec. 11.
Overlien, Ole P., Black River Falls, Wis. Garage-door-holder device. 1,459,899; June 26.
Overman, Roscoe E., Los Angeles, Calif. Drill. 1,468,509; Sept. 18.
Overn, John, jr., Philadelphia, Pa., assignor to William Cramp & Sons Ship and Engine Building Company. Shaft bearing for hydraulic machines. 1,477,764; Dec. 18.
Overn, John, jr., Philadelphia, Pa., assignor to William Cramp & Sons Ship and Engine Building Company. Guide vane for hydraulic turbines. 1,478,053; Dec. 18.
Overn, John, jr., Philadelphia, Pa., assignor to William Cramp & Sons Ship and Engine Building Company. Guide vane for hydraulic turbines. 1,478,054; Dec. 18.
Overstreet, Coleman, Kerto, Calif. Coupling. 1,469,009; Sept. 25.
Overton, Charles S., Baltimore, Md. Casing for parking lamps. Des. 62,408; May 22.
Overton, Robert M., Waterloo, Iowa. Clothes-drying device. 1,470,242; Oct. 9.
Owen, Alden B., and T. Hall, Ridgway, Pa. Field frame. 1,471,196; Oct. 16.
Owen, Clarence H., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic-printing machine. 1,440,622; Jan. 2.
Owen, David T., Cleveland, Ohio. Bed and couch. 1,441,709; Jan. 9.
Owen, David T., Cleveland Heights, Ohio. Cushion or mattress. 1,445,409; Feb. 13.
Owen, Donham, Berkeley, Calif. Adjustable desk. 1,441,942; Jan. 9.
Owen, Ernest V., assignor to The Hoover Company, Chicago, Ill. Recovering catalyst from catalysis residue. 1,460,110; June 26.
Owen, Evan J., assignor of one-half to L. B. Rainey, Gadsden, Ala. Sanitary dry closet. 1,468,829; Sept. 25.
Owen, Evelyn H., London, England. Internal-combustion engine. 1,443,885; Jan. 30.
Owen, Frederick, Detroit, Mich. Container lid. 1,477,585; Dec. 18.
Owen, James E., Edgeley, N. Dak., assignor of one-third to L. C. Devner and one-third to J. M. Silberstein, St. Paul, Minn. Wrench. 1,470,026; Oct. 9.
Owen, Malcolm. (See Gamble, W., and Owen.)
Owen, Nellie S., Chicago, Ill. Hair-cutting device. 1,465,455; Aug. 21.
Owen, Newton C., assignor to Owen-Pennsylvania Corporation, Wilkes-Barre, Pa. Railway-tie-changing machine. 1,466,850; Sept. 4.
Owen, Newton C., assignor to Owen-Pennsylvania Corporation, Wilkes-Barre, Pa. Railway-tie-changing machine. 1,466,851; Sept. 4.
Owen, Obadiah N., Phoenix, Ariz. Garbage can. 1,461,253; July 10.
Owen-Pennsylvania Corporation. (See Owen, Newton C., assignor.)
Owen, Richard B., Washington, D. C. Storage-battery container. 1,456,565; May 29.
Owen, Robert H., Butte, Mont., assignor of one-third to E. F. Maginn and one-third to M. H. Gleason, Butte, Mont. Grain cleaner. 1,441,296; Jan. 9.
Owen, Walter E., Chillicothe, Ohio. Foot rest for shovels and the like. 1,445,548; Feb. 13.
Owen, William O., Washington, D. C. Crank for winding spools, etc. 1,467,736; Sept. 11.
Owen, William W., Oak Park, assignor to Automatic Electric Company, Chicago, Ill. Measured-service telephone system. 1,462,719; July 24.
Owen, William W., Oak Park, assignor to Automatic Electric Company, Chicago, Ill. Measured-service telephone system. 1,465,311; Aug. 21.
Owen, William W., Oak Park, assignor to Automatic Electric Company, Chicago, Ill. Automatic telephone system. 1,469,847; Oct. 9.
Owens Bottle Company, The. (See Ferngren, E. T., and Soubier, assignors.)
Owens Bottle Company, The. (See Lents, John M. assignor.)
Owens Bottle Company, The. (See Lott, Clyde R., assignor.)
Owens Bottle Company, The. (See Owens, Michael J., assignor.)
Owens Bottle Company, The. (See Rule, John F., as signor.)
Owens Bottle Company, The. (See Solon, Faustin J., assignor.)
Owens Bottle Company, The. (See Soubier, Leonard D., assignor.)
Owens Bottle Company, The. (See Williams, P. Q., and Sourbier, assignors.)
Owens, Charles, Chattanooga, Tenn. Grain harvester. 1,454,071; May 8.
Owens, Charles, Chattanooga, Tenn. Farm implement. 1,458,990; June 19.
Owens, George H., Addison, N. Y. Berry-picker outfit. 1,450,221; Apr. 3.
Owens, George R., Joliet, Ill. Car replacer. 1,447,482; Mar. 6.
Owens, John, Washington, D. C. Grease cup. 1,467,646; Sept. 11.
Owens, John, Washington, D. C. Grease cup. 1,468,918; Sept. 25.
Owens, John, Washington, D. C. Grease cup. 1,468,919; Sept. 25.
Owens, John, Washington, D. C. Metal hose. 1,469,528; Oct. 2.
Owens, John S. (See ver Mehr, J., and Owens.)
Owens, Michael J., assignor to The Libbey Owens Sheet Glass Company, Toledo, Ohio. Means for treating sheet glass. 1,440,408; Jan. 2.
Owens, Michael J., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Sheet-glass-drawing mechanism. 1,466,457; Aug. 28.
Owens, Michael J., assignor to The Owens Bottle Company, Toledo, Ohio. Mechanism for conveying hot glassware. 1,455,966; May 22.
Owens, R. J. (See Atkins, Harry C., assignor.)
Owens, Samuel H., Eveleth, Minn. Fuel saver. 1,440,409; Jan. 2.
Owens, Thomas S., Toledo, Ohio. Sheet-glass-drawing mechanism. 1,462,495; July 24.
Owens, William P. (See Walters, Charles, assignor.)
Owensboro Ditcher & Grader Company. (See Dever, Henry L., assignor.)
Owings, Dudley, Seattle, Wash. Furniture attachment. 1,472,339; Oct. 30.
Owsianek, John P., Ituna, Saskatchewan, Canada. Automobile jack. 1,457,881; June 5.
Oxhandler, Leopold, Chicago, Ill. Shipping container for eggs and other fragile articles. 1,454,601; May 8.
Oxley, John H., Haverhill, Mass. Sheet-metal bin. 1,471,197; Oct. 16.
Oxweld Acetylene Company. (See Smith, Frank W., assignor.)
Oyen, Erling, assignor to Detroit Elevated Corporation, Detroit, Mich. Railway switchover. 1,465,312; Aug. 21.

Oyster, Clyde J., Alliance, Ohio. Confectionery-coating machine. 1,466,381; Aug. 28.
Ozaki, Yukiteru, Shirota-Mura, Japan. Wind turbine. 1,463,924; Aug. 7.
Ozimek, Michael, Newark, N. J. Coupling for tractors and trailers. 1,475,964; Dec. 4.
Ozlek, Herman, Philadelphia, Pa. Sanitary drinking device. 1,459,311; June 19.
Ozlek, Morris, Philadelphia, Pa. Adjustable construction. 1,474,981; Nov. 20.
P & M Company, The. (See Berkeley, Laurence J., assignor.)
P & M Company, The. (See Blair, Rolandis A., assignor.)
P. & M. Company, The. (See De Busk, William H., assignor.)
P & M Company, The. (See Hamilton, Perry H., assignor.)
P. & M. Company. (See Moore, Philip W., assignor.)
P & M Company, The. (See Poor, Fred A., assignor.)
P. & M. Company, The. (See Preston, Frederick A., assignor.)
P & M Company, The. (See Warr, Harold G., assignor.)
Paasche, Jens A., Chicago, Ill. Air separator. 1,461,045; July 10.
Pabst, Fred, Company. (See Fay, Joseph W., assignor.)
Pabst, Josef, Zurich, Switzerland. Cloth holder. 1,478,672; Dec. 25.
Paca, William S., Oil City, Pa., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Call-distributing system. 1,453,321; May 1.
Pace, Edgar J., assignor to E. L. Payne, Los Angeles, Calif. Valve. 1,457,599; June 5.
Pace, Ernest, Wirt, Okla. Sucker-rod remover. 1,475,861; Nov. 27.
Pace, Raffaele. (See D'Alessandro, D., and Pace.)
Pace, Vincenzo, New York, N. Y. Cooking apparatus. 1,476,215; Dec. 4.
Pach, Joseph, Stone, Ky. Buckle. 1,459,687; June 19.
Pache, Auguste, New York, N. Y. Means for locating trouble in ignition systems. 1,450,896; Apr. 3.
Pacheco, Joseph, Somerville, Mass. Musical-instrument tone amplifier. 1,469,948; Oct. 9.
Pachmayr, Anna M., Los Angeles, Calif. Toothbrush. 1,471,626; Oct. 23.
Pachter, Peter, Chicago, Ill. Tipping and wrapping machine. 1,453,636; May 1.
Pachter, Peter T. (See Frazier, P., Pachter, Ackley, and Alger.)
Pacific By-Products Company. (See Hiller, Stanley, assignor.)
Pacific By Products Company, The. (See Hiller, S., and Clarke, assignors.)
Pacific Car & Foundry Co. (See Jarvis, Herbert C., assignor.)
Pacific Car and Foundry Company. (See Chriswell, Frederick W., assignor.)
Pacific Car and Foundry Company. (See Chriswell, F. W., and Fehnel, assignors.)
Pacific Car and Foundry Company. (See Coats, Roy N., assignor.)
Pacific R. & H. Chemical Corporation, The. (See Brown, Mortimer J., assignor.)
Pack, Charles, New York, assignor to Doehler Die Casting Company, Brooklyn, N. Y. Alloy. 1,449,052; Mar. 20.
Pack, Charles, New York, assignor to Doehler Die Casting Company, Brooklyn, N. Y. Making die castings. 1,449,053; Mar. 20.
Package Machinery Company. (See Langhammer, Paul, assignor.)
Packard, Almenzer, assignor to C. E. Richholt and C. Richholt, Holgate, Ohio, doing business as Richholt Bros. Base for stucco, plaster, and the like. 1,466,805; Sept. 4.
Packard Electric Company. (See Baker, Carey W., assignor.)
Packard, Ernest B. (See Wood, G. B., Bird, and Packard.)
Packard Motor Car Company. (See Blaine, Walter E., assignor.)
Packard Motor Car Company. (See Bogardus, Leonard R., assignor.)
Packard Motor Car Company. (See Church, Harold D., assignor.)
Packard Motor Car Company. (See Druar, Frank J., assignor.)
Packard Motor Car Company. (See Gilson, Ara, assignor.)
Packard Motor Car Company. (See Goddard, George E., assignor.)
Packard Motor Car Company. (See Gulick, Edward J., assignor.)
Packard Motor Car Company. (See Gunn, Earl G., assignor.)
Packard Motor Car Company. (See Hammerl, Jacob, assignor.)
Packard Motor Car Company. (See Hunt, Ormond E., assignor.)
Packard Motor Car Company. (See Jolls, Le Roy E., assignor.)
Packard Motor Car Company. (See Knap, Herschel B., assignor.)
Packard Motor Car Company. (See Macauley, Alvan, assignor.)
Packard Motor Car Company. (See McCulla, William R., assignor.)
Packard Motor Car Company. (See Moorhouse, Alfred assignor.)
Packard Motor Car Company. (See Peterson, Walter C., assignor.)
Packard Motor Car Company. (See Stanbrough, Duncan G., assignor.)
Packard Motor Car Company. (See Stout, William B., assignor.)
Packard Motor Car Company. (See Tibbetts, Milton. assignor.)
Packard Motor Car Company. (See Trego, Frank H., assignor.)
Packard Motor Car Company. (See Vincent, Jesse G., assignor.)
Packard Motor Car Company. (See Woolson, Lionel M., assignor.)
Packer, Eben R., New Rochelle, N. Y. Protective heating system for railway switches and the like. 1,474,161; Nov. 13.
Packer, Eben R., New Rochelle, assignor to Q & C Company, New York, N. Y. Guard rail clamp. 1,440,410; Jan. 2.
Packer, Eben R., New Rochelle, assignor to Q. & C. Company, New York, N. Y. Emergency knuckle for car couplings. 1,442,965; Jan. 23.
Packer, Glenn W., assignor to Goodman Manufacturing Company, Chicago, Ill. Gathering reel. 1,452,927; Apr. 24.
Packer, Glenn W., assignor to Goodman Manufacturing Company, Chicago, Ill. Scraper. 1,465,456; Aug. 21.
Packer, Glenn W., assignor to Goodman Manufacturing Company, Chicago, Ill. Scraper. 1,471,627; Oct. 23.
Packer, John H., Liberty, Mo. Filtering tank. 1,453,169; Apr. 24.
Packer, Mortimer L., Columbus, Ohio, and T. B. Messick, Indianapolis, Ind., assignors to The Ohio State Stove & Mfg. Co., Columbus, Ohio. Heater. Des. 63,120; Oct. 9.
Packers' Equipment Co. (See Neuberth, George E., assignor.)
Packer's Meat Smoking Corporation. (See Alsop, James N., assignor.)
Pacz, Aladar, Cleveland Heights, Ohio. Electrolyte for aluminum production and preparing same. 1,464,625; Aug. 14.
Pacz, Aladar, Cleveland, Ohio, assignor to General Electric Company. Tungsten alloy. 1,468,073; Sept. 18.
Padden, Patrick W., and O. C. Reynolds, Maumee, Ohio. Direction signal. 1,441,877; Jan. 9.
Paddock, Lawrence S., Philadelphia, Pa. Detachable armrest for automobiles or the like. 1,463,293; July 31.
Pade, Max H., assignor to The Firestone Tire and Rubber Company, Akron, Ohio. Gravity conveyer. 1,473,509; Nov. 6.
Paden, Robert F., Glendale, assignor to St. Louis Coffin Company, St. Louis, Mo. Means for holding burial caskets or the like in shipping receptacles. 1,464,216; Aug. 7.
Padget, Henry D., St. Louis, Mo. Brass and packing guard for car-axle boxes. 1,475,196; Nov. 27.
Padilla, Rafael, New York, N. Y. Display device for advertising and educational purposes. 1,458,073; June 5.
Paedersen, Fred, Oakland, Minn. Sliding-gear transmission for Ford automobiles. 1,452,754; Apr. 24.
Paeplow, Charles H., Buffalo, N. Y. Apparatus for use in making belts or the like. 1,461,368; July 10.
Paff, Charles, New York, N. Y. Bunker. 1,468,647; Sept. 25.
Paff, John, Allentown, Pa., assignor to Bryden-Neverslip Company, New Brunswick, N. J. Horseshoe and calk therefor. 1,472,025; Oct. 23.
Paffrath, Paul C. J., assignor of two-thirds to R. Pochwadt and A. Gunzel, Altenburg, Germany. Auxiliary air inlet for internal-combustion engines. 1,475,862; Nov. 27.
Page, Byron E., Spring Valley, Minn. Corn popper. 1,467,448; Sept. 11.
Page, Carl M., Chicago, Ill. Method of and apparatus for hydrogenating unsaturated compounds. 1,472,281; Oct. 30.
Page, Carl M., Chicago, assignor to G. Fabyan, Geneva, Ill. High-frequency ignition system. 1,450,110; Mar. 27.
Page, George W., Wellington, Ohio, and S. B. Page, Detroit, Mich. Drying rack. 1,442,090; Jan. 16.
Page, Henry A., Richmond, Va. Illuminated seat indicator for auditoriums and the like. Des. 62,339; May 8.
Page & Hill Company. (See Lynch, J. E., and Sandt, assignors.)
Page, Howard L., Chicago, Ill. Reproducer for sound records. 1,445,030; Feb. 13.
Page, Howard L., Chicago, Ill. Tape sound record. 1,445,031; Feb. 13.
Page, Howard L., Chicago, Ill. Machine for producing commercial sound records. 1,445,032; Feb. 13.
Page, James B., Birmingham, Ala. Road or pavement. 1,473,639; Nov. 13.

Alphabetical list of patentees—Continued.

Page, John W. (See Longnaker, Milton S., assignor.)
Page, John W., Chicago, Ill. Control mechanism. 1,465,678; Aug. 21.
Page-Lewis Arms Company. (See Lewis, George S., assignor.)
Page Machine Co. (See Everett, Arthur S., assignor.)
Page, Robert W., El Paso, Tex. Toy balloon. Des. 63,059; Sept. 25.
Page, Samuel H., Stratford, Conn. Lace. Des. 63,484; Dec. 11.
Page, Samuel H., Stratford, Conn. Lace. Des. 63,485; Dec. 11.
Page, Samuel H., Stratford, Conn. Lace. Des. 63,486; Dec. 11.
Page, Samuel H., Stratford, Conn. Lace. Des. 63,487; Dec. 11.
Page, Samuel H., Stratford, Conn., assignor to The American Fabrics Company. Lace. Des. 62,794; July 31.
Page, Samuel H., Stratford, Conn., assignor to The American Fabrics Company. Lace. Des. 62,795; July 31.
Page, Samuel H., Stratford, Conn., assignor to The American Fabrics Company. Lace. Des. 62,796; July 31.
Page, Samuel H., Stratford, Conn., assignor to The American Fabrics Company. Lace. Des. 62,797; July 31.
Page, Samuel H., Stratford, Conn., assignor to The American Fabrics Company. Lace. Des. 62,798; July 31.
Page, Samuel H., Stratford, Conn., assignor to The American Fabrics Company. Lace. Des. 62,799; July 31.
Page, Samuel H., Stratford, Conn., assignor to The American Fabrics Company. Lace. Des. 62,800; July 31.
Page, Samuel H., Stratford, Conn., assignor to The American Fabrics Company. Lace. Des. 62,801; July 31.
Page, Samuel H., Stratford, Conn., assignor to The American Fabrics Company. Lace. Des. 62,802; July 31.
Page, Samuel H., Stratford, Conn., assignor to The American Fabrics Company, Stratford, Conn. Lace. Des. 63,153; Oct. 23.
Page, Samuel H., Stratford, Conn., assignor to The American Fabrics Company, Stratford, Conn. Lace. Des. 63,154; Oct. 23.
Page, Samuel H., Stratford, Conn., assignor to The American Fabric Company. Lace. Des. 63,155; Oct. 23.
Page, Samuel H., Stratford, Conn., assignor to The American Fabrics Company. Lace. Des. 63,156; Oct. 23.
Page, Samuel H., Stratford, Conn., assignor to The American Fabrics Company. Lace. Des. 63,311; Nov. 20.
Page, Samuel H., Stratford, Conn., assignor to The American Fabrics Company. Lace. Des. 63,312; Nov. 20.
Page, Samuel H., Stratford, Conn., assignor to The American Fabrics Company. Lace. Des. 63,481; Dec. 11.
Page, Samuel H., Stratford, Conn., assignor to The American Fabrics Company. Lace. Des. 63,482; Dec. 11.
Page, Samuel H., Stratford, Conn., assignor to The American Fabrics Company. Lace. Des. 63,483; Dec. 11.
Page, Stanley B. (See Page, George W., and S. B.)
Page, Stanley H., San Francisco, and J. B. Struble, Oakland, Calif. Motor temperature-controlling means. 1,442,966; Jan. 23.
Page, Stanley H., San Francisco, and J. B. Struble Oakland, Calif. Carburetor. 1,449,621; Mar. 27.
Page Steel & Wire Company. (See Snedeker, James W., assignor.)
Pagé, Victor W., New York, N. Y. Multiple-disk brake. 1,441,943; Jan. 9.
Pagé, Victor W., New York, N. Y. Internal-combustion-motor valve. 1,442,698; Jan. 16.
Pagé, Victor W., Kew Gardens, N. Y. Tilting steering wheel. 1,453,990; May 1.
Pagé, Victor W., Kew Gardens, N. Y. Lubricator for intermediate gearing. 1,453,991; May 1.
Pagé, Victor W., Kew Gardens, N. Y. Lamp support. 1,456,459; May 22.
Pagé, Victor W., Kew Gardens, N. Y. Front-wheel brake. 1,456,460; May 22.
Pagé, Victor W., Kew Gardens, N. Y. Oil pump. 1,456,461; May 22.
Pagé, Victor W., Kew Gardens, New York, N. Y. Timing index. 1,461,671; July 10.
Pagé, Victor W., Kew Gardens, New York, N. Y. Spring mounting. 1,461,672; July 10.
Pagé, Victor W., Kew Gardens, New York, N. Y. Internal brake. 1,464,392; Aug. 7.
Pagé, Victor W., Kew Gardens, New York, N. Y. Bearing construction. 1,464,393; Aug. 7.
Pagé, Victor W., Kew Gardens, New York, N. Y. Spring mounting. 1,469,731; Oct. 2.
Pagé, Victor W., New York, N. Y. Brake structure. 1,471,914; Oct. 23.
Pagé, Victor W., New York, N. Y. Differential. 1,471,915; Oct. 23.
Page, William A., Cleveland, Ohio. Inhaling tube. 1,459,478; June 19.
Page, William J., Coeur d'Alene, Idaho. Cant hook. 1,467,192; Sept. 4.
Pagel, Paul G., Los Angeles, Calif. Shock absorber for towlines. 1,449,346; Mar. 20.
Pagel, William F., Sycamore, Ill. Method of and means for feeding carbureted air to internal-combustion engines. 1,447,398; Mar. 6.
Pagel, William F., Sycamore, Ill. Internal-combustion engine. 1,458,771; June 12.
Pagel, William F., Sycamore, Ill. Plumber's torch. 1,476,723; Dec. 11.
Pagelsen, Edward N., assignor to E. H. Vincent, Detroit, Mich. Tilting locking steering wheel. Re15,587; May 1.
Pagelsen, Edward N., Detroit, assignor to Roland P. Place Company, Midland, Mich. Emery-wheel dresser. 1,465,738; Aug. 21.
Paggi, Charles. (See Bashara, S. F., and Paggi.)
Paggi, Moses, et al., trustees. (See Jensen, Rasmus N., assignor.)
Pagonis, George, New York, N. Y. Rotary engine. 1,478,352; Dec. 18.
Pahlow, Gustav C. (See Lee, Charles F., assignor.)
Pain, Maria G., Littlerock, Wash. Spring motor. 1,441,743; Jan. 9.
Paine, Arthur P., New Haven, Conn., assignor to Winchester Repeating Arms Company. Spotlight. 1,442,903; Jan. 23.
Paine, Arthur P., assignor to Winchester Repeating Arms Company, New Haven, Conn. Handlamp. 1,477,892; Dec. 18.
Paine, Charles L., Indianapolis, Ind. Means for heating the contents of vending machines. 1,460,979; July 3.
Paine, George L., Company. (See Chabot, Joseph O., assignor.)
Paine, Harry W. (See Smith, Arthur A., and Paine.)
Paine, Henry E., San Francisco, Calif. Pipe union. 1,450,606; Apr. 3.
Paine, Herman. (See Harlow, John, assignor.)
Paine, Howard S. (See Walton, C. F., jr., and Paine.)
Paine, Howard S., and C. F. Walton, jr., Washington, D. C., dedicated, by mesne assignments, to the People of the United States. Maple product. 1,467,007; Sept. 4.
Paine, Lewis C., Charleston, S. C. Bag-handling implement. 1,477,073; Dec. 11.
Paine, Louis A., assignor to The Lincoln Meter Company, Limited, Toronto, Ontario, Canada. Attachment for indicators. 1,464,772; Aug. 14.
Paine, Nathan, Oshkosh, Wis. Door construction. 1,461,196; July 10.
Paine, William W., Palms, Calif. Entrance arch. Des. 62,641; July 10.
Painter, John A., Hominy, Okla., and H. G. McCullough, Angola, N. Y. Pipe clamp and wrench. 1,462,377; July 17.
Painter, William B., and E. A. Reeves, River Rouge, Mich. Attachment for ovens. 1,451,050; Apr. 10.
Pairard, Pierre, Paris, France. Electric-wire clamp. 1,453,173; Apr. 24.
Paisolli, Joachin L., Copiague, N. Y. Butter-cutting machine. 1,467,979; Sept. 11.
Paisseau, Jean. (See Bonnet, Louis, assignor.)
Paiste, H. T., Company. (See Paiste, Henry T., assignor.)
Paiste, Henry T., assignor to H. T. Paiste Company, Philadelphia, Pa. Fuse plug. 1,453,170; Apr. 24.
Pajalic, Antonio, Detroit, Mich. Ventilator. 1,447,319; Mar. 6.
Pajeau, Charles H., Evanston, Ill. Toy doll. Des. 62,409; May 22.
Pako Corporation. (See Dye, Glen M., assignor.)
Pakulski, Anthony, Kingsdale, Minn. Boot and rubber-shoe removing jack. 1,474,546; Nov. 20.
Paladino, Federico, Naples, Italy. Sock or stocking protector. 1,469,010; Sept. 25.
Palais, Harry, Boston, Mass. Easel. 1,476,216; Dec. 4.
Palc, Steven, and E. G. Bostwick, Kalamazoo, Mich. Train-control means. 1,441,371; Jan. 9.
Palecek, William, et al. (See Brasche, Ferdinand F., assignor.)
Palin, Arthur J., Pawtucket, R. I. Warper seat. 1,453,992; May 1.
Palizza, Giuseppe, Providence, R. I. Manifold mixer for gas engines. 1,471,704; Oct. 23.
Pallady, Harry A., Seattle, Wash. Soldering flux. 1,453,080; Apr. 24.
Palley, J. Lewis, et al. (See Flowers, Stanley A., assignor.)
Pallone, Domenico J., La Jose, Pa. Windmill. 1,442,290; Jan. 16.
Palm, Arthur W., Minneapolis, Minn. Storm-sash holder. 1,465,679; Aug. 21.
Palm Brothers Company, The. (See Bottome, Edgar M., assignor.)
Palm Brothers Company, The. (See Jenner, Percy, assignor.)
Palm Brothers Company. (See Stuart, Ralph, assignor.)
Palm, Victor F. L., Mascot, Tenn., assignor of one-half to H. C. Karlson, Hasbrouck Heights, N. J. Wrench. 1,444,034; Feb. 6.
Palm, Victor H., Butler, Pa. Pump. 1,474,439; Nov. 20.
Palm, Victor H., Butler, Pa. Pump. 1,476,020; Dec. 4.
Palm, Victor H., Butler, Pa. Pump valve. 1,477,381; Dec. 11.
Palmen, Carl E. G., Los Angeles, Calif. Tire cover. 1,465,313; Aug. 21.
Palmer, Aaron G., assignor to Madison Battery and Service Company, Madison, Wis. Magnetizing apparatus. 1,477,847; Dec. 18.
Palmer, Arthur G., Hastings-upon-Hudson, N. Y. Favor and snapping motto. 1,455,653; May 15.
Palmer-Bee Company. (See Bee, William E., assignor.)

Palmer-Bee Company. (See Bee, W. E., and Simpson, assignors.)
Palmer-Bee Company. (See McBride, Jesse E., assignor.)
Palmer, Brian C., assignor to American Taximeter Company, New York, N. Y. Mounting for taximeters. 1,464,882; Aug. 14.
Palmer, Charles G., Newark, N. J. Rod connector. 1,445,234; Feb. 13.
Palmer, Charles G., Newark, N. J. Socket wrench. 1,469,589; Oct. 2.
Palmer, Charles G., Newark, N. J. Gravity latch. 1,469,590; Oct. 2.
Palmer, Charles W., and W. A. Dickie, Spondon, near Derby, assignors to H. Dreyfus, London, England. Manufacture of artificial filaments, threads, and films. 1,465,994; Aug. 28.
Palmer, Charles W., and W. A. Dickie, Spondon, near Derby, assignors to H. Dreyfus, London, England. Manufacture of artificial filaments, threads, and films. 1,467,493; Sept. 11.
Palmer, Devillo. Detroit, Mich. Mud shoe. 1,446,269; Feb. 20.
Palmer, Don H. (See Wood, Harry H., assignor.)
Palmer, E. G. (See Townsend, Floyd E., assignor.)
Palmer, Elbridge W., assignor to J. F. Tapley Co., Long Island City, N. Y. Binder's pressboard. 1,456,189; May 22.
Palmer, Frederick H., Cleveland, Ohio. Automobile cradle. 1,469,366; Oct. 2.
Palmer, George L. W., Plainfield, N. J. Folding hood and screen. 1,460,600; July 3.
Palmer, Harry A., assignor to Reynolds Spring Company, Jackson, Mich. Spring structure. 1,460,601; July 3.
Palmer, Harry B., Morristown, N. J. Method and apparatus for absorbing radium emanation. 1,470,027; Oct. 9.
Palmer, Herman D., and J. W. Brhel, Hartford, Wis., assignors to The Kissel Motor Car Company, Hartford, Wis. Apparatus for measuring materials in concrete construction. 1,451,106; Apr. 10.
Palmer, John F., St. Joseph, Mich. Means for making pneumatic tires. 1,459,244; June 19.
Palmer, John F., St. Joseph, Mich. Inner tube for pneumatic tires and making the same. 1,472,435; Oct. 30.
Palmer, John V., Pittsburgh, Pa. Apparel collar. 1,447,147; Feb. 27.
Palmer-Jones, Daniel, assignor to The Tubular Scaffolding Company Limited, London, England. Scaffolding. 1,442,582; Jan. 16.
Palmer-Jones, Daniel, assignor to The Tubular Scaffolding Company, Limited, London, England. Scaffolding clamp. 1,445,410; Feb. 13.
Palmer-Jones, Daniel, assignor to The Tubular Scaffolding Company Limited, London, England. Scaffolding or the like temporary erection. 1,448,503; Mar. 13.
Palmer, Lyndon C., Buffalo, N. Y., assignor to F. N. Burt Company, Limited, Toronto, Ontario, Canada. Making paper boxes. 1,474,844; Nov. 20.
Palmer, Mabel H., Davenport, Iowa. Badge. Des. 62,742; July 24.
Palmer, Percy L., Redondo, and G. W. Draggoo, El Segundo, Calif. Valve cock. 1,454,222; May 8.
Palmer, Richard, South Alburg, Vt. Rail tie. 1,453,322; May 1.
Palmer, Virgil M., assignor to Eastman Kodak Company, Rochester, N. Y. Receptacle and closure therefor. 1,441,167; Jan. 2.
Palmer, Wayne F., Washington, D. C. Circuit breaker. 1,441,744; Jan. 9.
Palmer, Wayne F., Washington, D. C. Mine. 1,443,431; Jan. 30.
Palmer, Wayne F., Washington, D. C. Submarine mine. 1,448,976; Mar. 20.
Palmer, Wayne F., Washington, D. C. Submarine mine. 1,451,107; Apr. 10.
Palmer, Wayne F., Washington, D. C. Submarine mine. 1,471,628; Oct. 23.
Palmer, William C., Davenport, Iowa. Device for testing the recuperative power in a gun. 1,469,240; Oct. 2.
Palmeter, John R., Jamestown, N. Y. Wrench. 1,470,184; Oct. 9.
Palmeter, John R., Jamestown, N. Y. Wrench. 1,471,413; Oct. 23.
Palmeter, William E., Elmwood, Nebr. Mixing apparatus. 1,453,323; May 1.
Palmgren, Nils G. (See Betulander, G. A., and Palmgren.)
Palmolive Company, The. (See Schwantes, Julius A., assignor.)
Palmore, Roam, Bison, Ark. Hame. 1,453,081; Apr. 24.
Palmquist, Nathaniel, Sioux City, Iowa. Tobacco-pipe attachment. 1,445,033; Feb. 13.
Palmros, Alexander, E. M. Mackie, and G. A. Healey, assignors, by mesne assignments, to The Pneumelectric Corporation, Syracuse, N. Y. Winding engine. 1,449,542; Mar. 27.
Palombo, Faustino, Bedford, Ohio. Spring wheel. 1,466,544; Aug 28.
Pals, Henry H., Meservey, Iowa. Door. 1,455,967; May 22.
Palser, George N., Worcester, Mass. Sharpening device for shears. 1,464,442; Aug. 7.
Pameyer, John K., Tacoma, Wash. Palette. 1,458,436; June 12.
Panagopolous, Nick, Muskogee, Okla. Mail receptacle. 1,451,343; Apr. 10.
Panalle, Anatole, assignor of one-fourth to L. R. Lester, New Orleans, La. Bathing suit. 1,457,264; May 29.
Panario, Eugene F., and W. B. Cross, Sacramento, Calif. Racing device. 1,462,242; July 17.
Pancero, Charles, and J. Freund, Cincinnati, Ohio. Slaughterhouse construction. 1,456,709; May 29.
Panes, Isidore, New York, N. Y. Brassière. 1,466,598; Aug. 28.
Pangburn, Truman A., Camden, N. J. Permutation switch for automobiles. 1,478,394; Dec. 25.
Panian, Martin, Eveleth, Minn. Securing means for heels. 1,477,230; Dec. 11.
Panico, Francesco, Brooklyn, N. Y. Overhead piano cabinet. 1,470,243; Oct. 9.
Panikoff, William L., New Haven, Conn. Badge or insignia. 1,460,111; June 26.
Pankratz, Julius, Richmond Hill, N. Y. Chandelier. Des. 62,866; Aug. 14.
Pannell, Lucius A., Atlanta, Ga. Plowfoot adjuster. 1,456,647; May 29.
Pannier, Arthur A., Salt Lake City, Utah. Pliers for ear tags. 1,474,547; Nov. 20.
Panocha, Joe. (See Bzowy, Mike, assignor.)
Pansch, Herbert H. (See Sorensen, C. V., and Pansch.)
Panter, Robert C., et al. (See Sumner, George W., assignor.)
Panther Rubber Manufacturing Company. (See Berenstein, Frank, assignor.)
Panther Rubber Manufacturing Company. (See Bernstein, William, assignor.)
Panther Rubber Manufacturing Company. (See Freeman, Dudley, assignor.)
Panyard, Alfred A., Detroit, Mich. Piston ring. 1,466,558; Aug. 28.
Panyity, George, Columbus, Ohio. Traveling-bag fastener. 1,454,651; May 8.
Panza, Innocente, Turin, Italy. Foot supporter and heater. 1,443,036; Jan. 23.
Paoli, Arthur, Hancock, Mich. Hydraulic jack. 1,455,223; May 15.
Paoli, Arthur, Hancock, Mich. Hydraulic jack. 1,455,224; May 15.
Pape, Herman G., New York, N. Y., assignor, by mesne assignments, to Beaver Machine and Tool Co., Inc., Newark, N. J. Manually-controlled quick-make and quick-break knife switch. 1,449,543; Mar. 27.
Pape, Herman G., New York, N. Y., assignor, by mesne assignments, to Beaver Machine and Tool Co., Inc., Newark, N. J. Double-throw quick-make and quick-break switch. 1,454,072; May 8.
Pape, Herman G., New York, N. Y., assignor, by mesne assignments, to Beaver Machine and Tool Co., Inc., Newark, N. J. Manually-controlled quick-make and quick-break knife switch. 1,455,931; May 22.
Pape, Max C. A. H., Neumuhlen-Dietrichsdorf, near Kiel, assignor to the Firm Carbonit Aktiengesellschaft, Hamburg, Germany. Water bomb. 1,449,128; Mar. 20.
Pape, Max C. A. H., Neumuhlen-Dietrichsdorf, near Kiel, Germany, assignor to the Firm of Carbonit Aktiengesellschaft, Hamburg, Germany. Water bomb. 1,459,793; June 26.
Pape, Max C. A. H., Neumuhlen-Dietrichsdorf, near Kiel, Germany, assignor to the Firm Carbonit-Aktiengesellschaft, Hamburg, Germany. Sea mine. 1,465,232; Aug. 14.
Pape, Max C. A. H., Neumuhlen-Dietrichsdorf, near Kiel, assignor to the Firm Carbonit-Aktiengesellschaft, Hamburg, Germany. Fuse. 1,474,548; Nov. 20.
Pape, Wilhelm, Charlottenburg, Germany, assignor to General Electric Company. Safety device for prime movers, especially for steam turbines. 1,476,100; Dec. 4.
Paper Products Machine Company. (See Howard, Charles H., assignor.)
Paper Products Machine Company. (See Jackson, Patrick T., assignor.)
Paper Products Machine Company. (See Jackson, P. T., and Howard, assignors.)
Paper Utilities Co. (See Hill, Willoughby F., assignor.)
Paper Utilities Co. (See Reifsnyder, James D., assignor.)
Papin, Oscar C., Dubuque, Iowa. Flush tank. 1,461,673; July 10.
Papini, Anthony, assignor to Electrical Development and Machine Company, Philadelphia, Pa. Electric heater. 1,445,706; Feb. 20.
Papini, Anthony, assignor to Electrical Development and Machine Company, Philadelphia, Pa. Circuit controller for electric heaters. 1,445,707; Feb. 20.
Papke, Godfrey W., Minneapolis, Minn. Concrete-block-making machine. 1,442,967; Jan. 23.
Papouchis, Christ, Far Rockaway, N. Y. Game apparatus. 1,461,432; July 10.
Papoulias, Angelo, Steubenville, Ohio. Change-making device. 1,458,843; June 12.
Pappadakis, Andru G., Detroit, Mich. Knob alarm. 1,462,496; July 24.

Papparodis, Nick, Beaver Falls, Pa. Envelope. 1,478,248; Dec. 18.
Pappas, Peter. (See Pappas, William and P.)
Pappas, William. (See Croce, Sam, assignor.)
Pappas, William and P., Webster, Iowa. Dispensing apparatus for soda fountains. 1,465,680; Aug 21.
Pappazoglidis, George K., Chicago, Ill. Sausage-linking machine. 1,466,852; Sept. 4.
Papst, Hilmar. (See Hall, Elmon L., assignor.)
Papworth, Walter A., Grand Rapids, Mich. Portable typewriting machine. 1,472,811; Nov. 6.
Paquette, Napoléon, Detroit, Mich., assignor of one-fourth to M. C. Sampson, Ottawa, Kans. Lubricator. 1,451,710; Apr. 17.
Paradice, Frank H., Denver, Colo. Hose mender, band, and coupling. 1,454,073; May 8.
Paradowski, Wawzyniec, Toledo, Ohio. Life-saving belt. 1,459,245; June 19.
Paraffine Companies, The. (See Finley, Dozier, assignor.)
Paraffine Companies, The. (See Forsman, Stanton W., assignor.)
Paraffine Companies, Inc., The. (See Gruenberg, Raoul J., assignor.)
Paraffine Companies, Inc., The. (See Post, Cornelia M., assignor.)
Paragon Can & Cap Company. (See Clark, Robert G., assignor.)
Paragon Can & Cap Company, Inc. (See Beyer, Henry A., assignor.)
Paragon Machine Tool & Manufacturing Company. (See Theimer, William H., assignor.)
Paragon Recoil Snubber Company. (See Craig, G. E., and McNabnay, assignors.)
Paramor, John, assignor of one-half to The Watford Engineering Works, Limited, Watford, Herts County, England. Machine for straining paper pulp. 1,455,303; May 15.
Paramount Rubber Consolidated. (See Zappia, Domenic, assignor.)
Paramount Rubber Consolidated, Inc. (See Roberts, William E., assignor.)
Paranteau, George R., Oxnard, Calif. Fruit-pitting machine. Re15,579; Apr. 17.
Parbee Manufacturing Company. (See Kruger, Charles M., assignor.)
Pardee, Frank, Hazleton, Pa. Coal breaker. 1,477,848; Dec. 18.
Pardee, Frank, Hazleton, Pa., assignor to Anthracite Separator Company. Spiral separator. 1,454,904; May 15.
Pardee, Frank, Hazleton, Pa., assignor to Anthracite Separator Company. Spiral separator. 1,462,618; July 24.
Pardee, Frank, Hazleton, Pa., assignor to Anthracite Separator Company. Spiral separator and separating materials. 1,477,849; Dec. 18.
Pardee, Harvey S., Chicago, Ill. Brush rigging. 1,443,499; Jan. 30.
Pardee, Harvey S., Chicago, Ill. Electrical apparatus. 1,446,656; Feb. 27.
Pardey, Frank B., Warren, R. I. Anchor. 1,470,185; Oct. 9.
Pardoe, William D., Trenton N. J., assignor to Thermoid Rubber Company, Hamilton Township, N. J. Brake lining. 1,447,100; Feb. 27.
Pardy, Raymond F., Bridgeport, Conn. Auxiliary seat for automobiles. 1,458,628; June 12.
Parent, Charles, Denver, Colo. Traction device. 1,469,105; Sept. 25.
Parent Cone Company. (See Hauge O., and England, assignors.)
Parente, Giuseppe, Philadelphia, Pa., assignor of one-eighth to P. Morel, Brooklyn, N. Y. Power-cylinder construction for motors. 1,440,623; Jan. 2.
Parenti, Joseph S., assignor to Parenti Motors Corporation, Buffalo, N. Y. Motor vehicle. 1,475,138; Nov. 20.
Parenti, Joseph S., assignor to Parenti Motors Corporation, Buffalo, N. Y. Vehicle construction. 1,478,860; Dec. 25.
Parenti Motors Corporation. (See Parenti, Joseph S., assignor.)
Parfrey, Charles A., Richland Center, Wis. Hen's nest. 1,447,882; Mar. 6.
Parfumerie Rigaud. (See Kendall, William G.)
Paridon, Michael, Barberton, Ohio, assignor to The Diamond Match Company, Chicago, Ill. Machine for making match books. 1,461,433; July 10.
Paridon, Michael, Barberton, Ohio, assignor to The Diamond Match Company, Chicago, Ill. Machine for making match books. 1,461,434; July 10.
Paris, James M. (See Van Nattan, V. V., and Paris.)
Paris, Peter. (See Auletta, Alfred, assignor.)
Paris, Peter. (See Mariani, Thomas, sr., assignor.)
Parish, Le Grand, Mountainview, N. J. Locomotive fire box. 1,450,607; Apr. 3.
Parish, Le Grand, Mountainview, N. J., assignor to American Arch Company, New York, N. Y. Locomotive-fire-box structure. 1,456,710; May 29.
Parish, Le Grand, Mountainview, N. J., assignor to American Arch Company, New York, N. Y. Locomotive fire box. 1,470,700; Oct. 16.
Parisian Novelty Company. (See Komorous, Joseph, assignor.)
Park, George, Bayonne, N. J. Feeder for kernel-blanching machines. 1,460,560; July 3.
Park, Henry A., South Roanoke, Va. Window screen. 1,453,280; May 1.
Park, John D., jr., Cincinnati, Ohio. Boat propeller. 1,473,832; Nov. 13.
Park, Lee H., Seattle, Wash. Foldable egg case. 1,465,145; Aug. 14.
Park, Nicholas W. (See Haussler, C. F., and Park.)
Park, William D. (See Van Sickle, Oscar T., assignor.)
Park, William H. (See Quin, F. J., and Park.)
Park, William J., and F. H. Robinson, Cleveland, Ohio. Removable label and transparent panel holder for cake boxes. 1,441,447; Jan. 9.
Park, William R., deceased, Taunton, Mass.; W. R. Park, jr., executor. Hydrocarbon burner. 1,457,000; May 29.
Park, William R., jr., executor. (See Park, William R.)
Parke, Carl C., Denver, Colo. Garage-door lock. 1,461,158; July 10.
Parke, Davis & Company. (See Aldrich, Thomas B., assignor.)
Parke, Davis & Company. (See Wilkie, Warren, assignor.)
Parke, Peter, assignor to The Pullman Company, Chicago, Ill. Driving connection for railway-car generators. 1,475,241; Nov. 27.
Parker, Benjamin, Kelmscott, Western Australia, Australia. Animal trap. 1,441,998; Jan. 9.
Parker, Burton H., Detroit, Mich., assignor to Trimont Manufacturing Company, Roxbury, Mass. Pipe wrench. 1,453,854; May 1.
Parker, Calvin S., London, Ontario, Canada. Ditching apparatus. 1,470,028; Oct. 9.
Parker, Candace C., Pueblo, Colo. Shade and curtain fixture. 1,478,673; Dec. 25.
Parker, Charles A., jr., Columbia, Tenn. Automobile cook stove. 1,471,198; Oct. 16.
Parker, Charles B., Nashville, Tenn. Machine for filtering compressed air. 1,450,561; Apr. 3.
Parker, Charles B., Nashville, Tenn. Automatic train control. 1,464,955; Aug. 14.
Parker, Charles C., Baltimore, Md. Bottle cap. 1,460,269; June 26.
Parker, Charles, Company, The. (See Walker, P. H. D., and Turner, assignors.)
Parker, Charles I., assignor to American Hardware Corporation, New Britain, Conn. Knob and spindle construction. 1,442,629; Jan. 16.
Parker, Charles S., Boston, Mass. Safety razor. 1,460,139; June 26.
Parker, Clarence L., Los Angeles, Calif. Variable-pitch propeller for airplanes. Re15,638; June 26.
Parker, Clark W., New York, N. Y. Friction disk. 1,453,599; May 1.
Parker Collapsible Rim Corporation. (See Parker, Harry J., assignor.)
Parker, Daniel W., Everett, Wash., assignor to The Parker Rotary Stone Saw Company, San Francisco, Calif. Saw guide. 1,457,600; June 5.
Parker, Edward H., Somerville, assignor to Pushpull Valve Cap Company, Boston, Mass. Dust cap for tire valves. 1,478,055; Dec. 18.
Parker, Edwin A., and H. G. Evitt, Baltimore, Md. Detachable tire tread. 1,459,376; June 19.
Parker, Eugene J. (See Killian, L. J., and Parker.)
Parker, Frank B., Robinson, Kans. Wrench for automobile parts. 1,471,277; Oct. 16.
Parker, Frank B., and H. R. Goodfellow, Chicago, Ill. Cleaner for windshields and the like. 1,476,174; Dec. 4.
Parker, Fred. (See Schilling, John M., assignor.)
Parker, Fred J., Moose Jaw, assignor of two-fifths to T. F. Acheson, Yorkton, Saskatchewan, Canada. Cover remover. 1,461,983; July 17.
Parker, Frederic J. (See Mark, W., and Parker.)
Parker, Friederick. (See Searles, Arthur E., assignor.)
Parker, Frederick R., Chicago, Ill. Treating electrical resistances to stabilize their resistance. 1,446,720; Feb. 27.
Parker, Frederick R., Chicago, Ill. Voltaic cell. 1,468,574; Sept. 18.
Parker, George A., Brockton, Mass. Feeding device for tack-making machines. 1,456,190; May 22.
Parker, George D. (See Twomley, Herbert E., assignor.)
Parker, George D., Riverside, Calif. Table for box-nailing machines. 1,468,392; Sept. 18.
Parker, George D., assignor to Stebler Parker Co., Riverside, Calif. Vertical elevating apparatus. 1,459,246; June 19.
Parker, Harry J., San Francisco, Calif., assignor to H. Walbridge, Montalvo, Calif. Vehicle spring. 1,444,266; Feb. 6.
Parker, Harry J., assignor to Parker Collapsible Rim Corporation, Chicago, Ill. Collapsible rim for tires. 1,476,916; Dec. 11.
Parker, Henry M., New Orleans, La. Well-screen washer. 1,469,949; Oct. 9.
Parker, Howard, Berlin, N. H. Bar for use in moving rolls of paper. 1,441,710; Jan. 9.
Parker, Howard, Berlin, N. H., assignor to Brown Company, Portland, Me. Handling paper or pulp tubes or similar articles. 1,467,008; Sept. 4.

Parker, Howard O., Midland, Pa. Regenerating lead storage batteries. 1,449,833; Mar. 27.
Parker, John C., Philadelphia, Pa. Steam-generator fitting. 1,463,658; July 31.
Parker, John C., Omaha, Nebr. Disk attachment for garden rakes. 1,465,089; Aug. 14.
Parker, John J., Bridgeport, Conn. Window-operating device. 1,444,753; Feb. 6.
Parker, John S., Earlville, N. Y. Paper or cardboard berry basket. 1,451,888; Apr. 17.
Parker, John W., Barrington, assignor to Brown & Sharpe Manufacturing Company, Providence, R. I. Micrometers. 1,446,926; Feb. 27.
Parker, John W., Barrington, assignor to Brown & Sharpe Manufacturing Company, Providence, R. I. Micrometer caliper. 1,461,005; July 3.
Parker, Lee H. (See Preble, J. J., and Parker.)
Parker, Lee H., assignor to Spray Engineering Company, Boston, Mass. Spray nozzle and spraying liquid. 1,442,356; Jan. 16.
Parker, Lee H., Boston, and H. W. Day, Wollaston, assignors to Spray Engineering Company, Boston, Mass. Apparatus for applying coating. 1,463,332; July 31.
Parker, Leslie O. (See Hillmer, M. L., and Parker.)
Parker, Lucian E., Wadsworth, Ohio. Coin-wrapping device. 1,450,111; Mar. 27.
Parker, Luke E., Pe Ell, Wash. Logging hook and link. 1,456,931; May 29.
Parker, M. L., et al. (See Craver, Thomas G., assignor.)
Parker, Norman C., Chicago, Ill. Garment hanger. 1,454,334; May 8.
Parker, Ralzemond D., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Ciphering machine. 1,442,819; Jan. 23.
Parker, Ralzemond D., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Secret-communication system. 1,460,438; July 3.
Parker, Ralzemond D., and B. P. Hamilton, Brooklyn, N. Y., assignors to American Telephone and Telegraph Company. Secret-communication system. 1,461,783; July 17.
Parker, Ray G., Dallas, Tex. Circuit-closing device. 1,473,198; Nov. 6.
Parker, Riley H., Winthrop, assignor to Gillette Safety Razor Company, Boston, Mass. File wire. 1,450,512; Apr. 3.
Parker, Robert H. G. (See Yeich, L. C., and Parker.)
Parker, Roland T., et al. (See Welch, John M., assignor.)
Parker Rotary Stone Saw Company, The. (See Parker, Daniel W., assignor.)
Parker, Thomas, Toronto, Ontario, Canada. Auto steering wheel. 1,477,001; Dec. 11.
Parker, Thomas R. G., Altrincham, England, assignor to Linotype and Machinery Limited, London, England. Means for tripping the cylinders of rotary printing presses. 1,466,955; Sept. 4.
Parker, Thomas W., et al. (See Cochran, William R., assignor.)
Parker, Victor A., and E. M. Sears, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Pneumatic tire tread. Des. 61,919; Feb. 6.
Parker, William L., Palo Alto, and E. C. Hutchinson, Oakland, assignors to Pelton Water Wheel Co., San Francisco, Calif. Hydraulic nozzle. 1,476,368; Dec. 4.
Parker, William M., Parkersburg, W. Va. Holder for headed articles. 1,445,795; Feb. 20.
Parker, William S., assignor to Burson Knitting Company, Rockford, Ill. Plating mechanism for straight-knitting machines. 1,441,745; Jan. 9.
Parker, William S., and J. Jesperson, assignors to Burson Knitting Company, Rockford, Ill. Fashioning indices and knitting the same. 1,451,841; Apr. 17.
Parkersburg Rig & Reel Company, The. (See Lockhart, Harold J., assignor.)
Parkes, Albert W. (See Draeseke, A. W., and Parkes.)
Parkes, Bertrand A., assignor to The Philadelphia Drying Machinery Company, Philadelphia, Pa. Drying machine. 1,471,803; Oct. 23.
Parkhill, John, Rochester, Minn. Roof-framing square. 1,477,002; Dec. 11.
Parkhill, Mortimer S. (See Ditson, J., and Parkhill.)
Parkhouse, Albert W. (See Hooper, C. L., Sutherland, and Parkhouse.)
Parkhurst, Albert J., Caledonia, assignor of one-half to P. Ford-Smith, Hamilton, Ontario, Canada. Antiskid device. 1,448,859; Mar. 20.
Parkhurst, Charles E. (See Pervier, William A., assignor.)
Parkhurst, Charles E., Somerville, Mass. Heating device for liquids. 1,452,311; Apr. 17.
Parkhurst, Douglas L., Springfield, Mass. Fuse. 1,447,101; Feb. 27.
Parkhurst, Frederic A., assignor, by mesne assignments, to Aluminum Manufactures, Incorporated, Cleveland, Ohio. Piston. 1,440,549; Jan. 2.
Parkin, Joseph W., Philadelphia, Pa. Carburetor. 1,475,719; Nov. 27.
Parkin, Thomas D. (See Nottage, W. H., and Parkin.)
Parkinson, Daniel M., Springfield, Ohio. Lock for automobile gas lines. 1,459,688; June 19.
Parkinson, Richard H., assignor to Attractive Publicity, Limited, London, England. Winding mechanism for endless bands or films for cinematographs or other machines. 1,469,483; Oct. 2.
Parkison, Wallace M., Brooks, Ind. Brake band. 1,450,448; Apr. 3.
Parks & Bohne Inc. (See Hoffman, Glenn R., assignor.)
Parks-Cramer Company. (See Comfort, Edward W., assignor.)
Parks-Cramer Company. (See Simon, Herman F., assignor.)
Parks, Dennis, St. Louis, Mo. Heel-blank separator and former. 1,451,469; Apr. 10.
Parks, Dennis, St. Louis, Mo. Heel-gouging machine. 1,472,567; Oct. 30.
Parks, Dennis, St. Louis, Mo. Leather-grading machine. 1,472,989; Nov. 6.
Parks, Edward F., and C. A. Brink, Providence, and G. N. Taylor, East Providence, R. I., assignors, by mesne assignments, to The New England Trust Company, trustee. Starting and stopping mechanism for winding machines. 1,458,194; June 12.
Parks, Edward F., C. A. Brink, Providence, and G. N. Taylor, East Providence, R. I., assignors, by mesne assignments, to The New England Trust Company, trustee. Winding machine. 1,463,834; Aug. 7.
Parks, Elisha F., jr., Timonium, and P. G. Lang, jr., Baltimore, Md. Trimmer-belt attachment. 1,452,524; Apr. 24.
Parks, Fred M., Murraysville, Pa., assignor to Westinghouse Electric & Manufacturing Company. System of control. 1,470,759; Oct. 16.
Parks, Frederick J., New York, N. Y. Envelope. 1,459,414; June 19.
Parks, Frederick J., New York, N. Y. Automatically manufacturing envelopes. 1,459,415; June 19.
Parks, Frederick J., New York, N. Y., and W. Bodge, Nutley, N. J. Envelope-making machine. 1,442,091; Jan. 16.
Parks, George E., Detroit, Mich. Locomotive frame. 1,474,730; Nov. 20.
Parks, Joseph W. (See Gee, Norman E., assignor.)
Parks, Joseph W., Altoona, Pa. Automobile floor-board clamp. 1,451,404; Apr. 10.
Parks, Ostrander J., River Forest, Ill., assignor to General American Tank Car Corporation, Chicago, Ill. Manufacture of edge-welded structures. 1,448,416; Mar. 13.
Parks, Ostrander J., River Forest, assignor to General American Tank Car Corporation, Chicago, Ill. Box car. 1,463,173; July 31.
Parks, Robert D., assignor to W-M-P Manufacturing Co., Lohrville, Iowa. Corn popper. 1,457,854; June 5.
Parks, Robert D., assignor to W-M-P Manufacturing Co., Lohrville, Iowa. Pop-corn kettle. 1,475,081; Nov. 20.
Parkyn, Herbert A., Chicago, Ill. Fireproof wall board. 1,466,246; Aug. 28.
Parlow, Anna, Coello, Ill. Signal and guide light for motor vehicles. 1,461,197; July 10.
Parmenter, Frank C. (See Cole, Albert L., assignor.)
Parmenter, Ray E., Longmeadow, Mass. Direction indicator. Des. 62,496; June 12.
Parmentier, Frank, Philadelphia, Pa. Water-turbine construction. 1,462,070; July 17.
Parnacott, Alfred E., London, England. Steering arrangement for motor and other road vehicles. 1,446,431; Feb. 20.
Parnell, Reginald P. U., Wellington, New Zealand. Vaporizer for gasoline engines. 1,446,721; Feb. 27.
Parnell, William E., St. Paul, Minn. Milk-bottle handle. 1,474,685; Nov. 20.
Parodi, Hippolyte, Paris, France. Contact rail for electric traction. 1,454,296; May 8.
Parolini, Cesare, and G. Perron, Paris, France. Silencer for internal-combustion engines. 1,459,797; June 26.
Parr, George R., West Orange, N. J. Centrifugal. 1,474,845; Nov. 20.
Parr, George R., West Orange, N. J. Means for reducing vibration of centrifugals. 1,474,846; Nov. 20.
Parr, Harris G., assignor to Fort Worth Well Machinery & Supply Company, Fort Worth, Tex. Knuckle joint for wire-line sheave wheels. 1,440,889; Jan. 2.
Parr, Harry A. (See Hatcher, R. L., and Parr.)
Parr, John T., Oakland, Calif. Safety device for aircraft. 1,447,425; Mar. 6.
Parrella, Antonio, Washington, D. C. Insect guard. 1,471,630; Oct. 23.
Parrella, Joseph A., Washington, D. C. Resilient heel. 1,453,403; May 1.
Parrish, Percy, assignor to himself and South Metropolitan Gas Company, London, England. Manufacture of ammonia sulphate. 1,467,193; Sept. 4.
Parrish, Rial T. (See Gingerick, Kent S., assignor.)
Parrish, Rial T. (See Schlagel, Alfred M., assignor.)
Parrish, S. H., Company. (See Parrish, Samuel H., assignor.)
Parrish, Samuel H., assignor to S. H. Parrish Company, Chicago, Ill. Composition for treating paper. 1,468,831; Sept. 25.
Parrish, Stephen E. (See Vanderveld, Anthony, assignor.)
Parrott, Rose E., McCallsburg, Iowa. Butter cutter. 1,448,938; Mar. 20.

Parrott, Thomas E., Tulsa, Okla. Depth gauge for tanks. 1,456,334; May 22.
Parrott, Willard H., Los Angeles, Calif. Clip guide. 1,462,300; July 17.
Parry, Irene A., Seattle, Wash. Dough mixer. 1,471,629; Oct. 23.
Parry, Samuel R. (See Morse, William F., assignor.)
Parry, W. G. (See O'Brien, Alexander R., assignor.)
Parson, Gordon, Plainfield, N. J. Automobile brake. 1,461,674; July 10.
Parson, Joseph W. (See Miller, John C., assignor.)
Parson, Pheola J., Arnold, Kans. Stack-forming truck. 1,441,746; Jan. 9.
Parsons, Carl B., assignor to Parsons Manufacturing Company, Detroit, Mich. Hinge. 1,477,148; Dec. 11.
Parsons, Charles A., and S. S. Cook, Newcastle-upon-Tyne, England; said Cook assignor to said Parsons. Elastic drive. 1,442,092; Jan. 16.
Parsons, Charles A., and S. S. Cook, Newcastle-upon-Tyne, England; said Cook assignor to said Parsons. Forced lubricating system. 1,464,828; Aug. 14.
Parsons, Charles A., Newcastle-upon-Tyne, C. J. Peddle, Derby, and H. M. Duncan, Newcastle-upon-Tyne, England; said Peddle and Duncan assignors to said Parsons. Manufacture of optical glass. 1,465,022; Aug. 14.
Parsons, Charles A., S. S. Cook, and L. M. Douglas, Newcastle-upon-Tyne, England, said Douglas and Cook assignors to said Parsons. Lubricating system. 1,465,171; Aug. 14.
Parsons, Charles A., S. S. Cook, and L. M. Douglas, Newcastle-upon-Tyne, England; said Douglas and Cook assignors to said Parsons. Lubricating system. 1,465,172; Aug. 14.
Parsons, Charles E., Englewood, N. J. Producing carbides of sodium and boron. 1,473,510; Nov. 6.
Parsons Company, The. (See Brown, Robert, assignor.)
Parsons, Frederick W., Cleveland, Ohio. Turret lathe. 1,443,965; Feb. 6.
Parsons, Frederick W., Cleveland, Ohio. Thermal-control cable. 1,455,805; May 22.
Parsons, Frederick W., Elmira, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Centrifugal unloader for compressors. 1,454,402; May 8.
Parsons, Frederick W., Elmira, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Compressor valve. 1,460,824; July 3.
Parsons, Frederick W., Elmira, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Plate-valve unloader. 1,462,301; July 17.
Parsons, Gustaf A., St. Paul, Minn. Wheelbarrow. 1,478,293; Dec. 18.
Parsons, Harold K. (See Tillyer, E. D., and Parsons.)
Parsons, Harold K., Southbridge, Mass. Lens-grinding machinery. 1,448,699; Mar. 13.
Parsons, Harold K., assignor to American Optical Company, Southbridge, Mass. Trial frame. 1,474,788; Nov. 20.
Parsons, Harry N., assignor to U. S. Ball Bearing Manufacturing Company, Chicago, Ill. Ball bearing. 1,459,858; June 26.
Parsons, Irving R., Chicago, Ill. Envelope. Des. 62,259; Apr. 24.
Parsons, John F., Pullman, Mich. Molding apparatus. 1,458,145; June 12.
Parsons, John H., Ferndale, Mich. Gasoline-reserve-supply apparatus. 1,461,805; July 17.
Parsons, John H., assignor of one-half to J. H. Hinkson, Ridley Park, Pa. Occupant-propelled vehicle. 1,443,904; Jan. 30.
Parsons, John H., Ferndale, assignor of one-half to O. F. Poelke, jr., Detroit, Mich. Clutch. 1,446,657; Feb. 27.
Parsons, John H., Ridley Park, Pa., and J. R. Parsons, Wilmington, Del., assignors of one-half to J. H. Hinkson, Ridley Park, Pa. Child's vehicle. 1,443,037; Jan. 23.
Parsons, John R. (See Parsons, John H. and J. R.)
Parsons, Leon W. (See Wilson, R. E., Parsons, and Chisholm.)
Parsons Manufacturing Company. (See Parsons, Carl B., assignor.)
Parsons, Olin D., West Englewood, N. J. Slide rule. 1,459,857; June 26.
Parsons, Philip D., Philadelphia, Pa., assignor, by mesne assignments, to Scott Paper Company. Machine for applying labels to paper rolls, etc. 1,477,893; Dec. 18.
Parsons, Theophilus, Camp Dodge, Iowa, assignor to C. B. Brophy, Rye, N. Y. Phonograph stylus. 1,453,637; May 1.
Parsons, William A., Milwaukee, Wis. Parquet flooring. 1,454,250; May 8.
Parsons, William J., Montague, assignor to Millers Falls Company, Millers Falls, Mass. Screw driver. 1,460,036; June 26.
Parsons, William P., assignor to Corning Glass Works, Corning, N. Y. Bottle. Des. 61,920; Feb. 6.
Parsons, Winslow R., San Diego, Calif. Means for operating window shades. 1,468,832; Sept. 25.
Partenheimer, Cyrus A. (See Ihrcke, F. A., and Partenheimer.)
Partenio, Peter C., Brooklyn, N. Y. Clothespin. 1,478,353; Dec. 18.
Partenope, Nicholas. (See Ziloccki, Giordano, assignor.)
Partin, Lucile J., Lagrange, Ga. Doll, statuette, or article of similar nature. Des. 63,488; Dec. 11.
Partington, Charles H. (See Henke, W. F., and Partington.)
Partlow, Howard W., Utica, N. Y. Gas governor for typesetting machines. 1,460,980; July 3.
Partlow, Howard W., Utica, N. Y. Gas governor for typesetting machines. 1,462,816; July 24.
Partlow, John G., Detroit, Mich. Screw operating device. 1,447,626; Mar. 6.
Partridge, Hugh, Jacksonville, Fla. Sprinkler nozzle. 1,465,681; Aug. 21.
Partridge, Thomas O., North Sydney, New South Wales, Australia. Apparatus for mixing dry materials. 1,456,858; May 29.
Parys, Andy, Mount Vernon, Ohio. Glass machinery. 1,471,002; Oct. 16.
Pas, Arie J., Jeannette, Pa. Scale guard and marker. 1,470,470; Oct. 9.
Pascal, Charles, Montreal, Quebec, Canada. Rail chair. 1,442,291; Jan. 16.
Pascale, Orazio, West New York, N. J. Air heating and impregnating apparatus. 1,476,461; Dec. 4.
Pascales, Steleanos A., Detroit, Mich. Life-saving device. 1,472,084; Oct. 30.
Paschall, John, Chicago, Ill. Spraying machine. 1,459,689; June 19.
Paschke, Max. (See Schiegries, E., and Paschke.)
Paschoal, Frank, Lawrence, N. Y. Baby carriage or collapsible cart. 1,442,733; Jan. 16.
Pascoe, Elmer E. (See Wigner, Sirenaus W., assignor.)
Pascucci, Emilio, assignor to Corning Glass Works, Corning, N. Y. Reflector. 1,466,410; Aug. 28.
Pascucci, Emilio, assignor to Corning Glass Works, Corning, N. Y. Making mold plungers. 1,471,804; Oct. 23.
Paseka, John. (See Pinkosh, Michael, assignor.)
Pashby, John C., Lynn, Mass. Nailing machine. 1,469,529; Oct. 2.
Pashia, James H., Old Mine, Mo. Vehicle brake. 1,476,415; Dec. 4.
Pasini, Enrique, Mexico, Mexico. Combined stain remover and brush. 1,468,671; Sept. 25.
Paskach, Benjamin J., Omaha, Nebr. Shuttle. 1,443,238; Jan. 23.
Pasquariello, Pasquale, New Haven, Conn. Draftsman's scale. 1,443,088; Jan. 23.
Pass & Seymour, Inc. (See Thompson, Don N., assignor.)
Passaic Metal Ware Co. (See England, Isaac W., assignor.)
Passaic Metal Ware Co. (See Gueritey, Charles, assignor.)
Passard, Cetal, New York, N. Y. Curling iron. 1,473,312; Nov. 6.
Passback, Albert H. (See Luhrs, L. H. M., and Passback.)
Passenger Lorry Company, The. (See Wales, Claude A., assignor.)
Pastene, P., & Co. (See Isola, Louis J., assignor.)
Paszkiewicz, Antony, Mount Carmel, Pa. Portière. 1,472,933; Nov. 6.
Patch, F. R., Manufacturing Company. (See Crane, Leslie, assignor.)
Patch, Harry M., assignor, by mesne assignments, to Ellis Resilient-Wheel Corporation, Seattle, Wash. Resilient wheel. 1,449,188; Mar. 20.
Patch, Harry M., and R. R. Romney, assignors to Ellis Resilient Wheel Corporation, Seattle, Wash. Resilient wheel. 1,451,269; Apr. 10.
Patch, James W., Fort Wayne, Ind., assignor to General Electric Company. Casing for electrical apparatus. 1,444,480; Feb. 6.
Patch, Nathaniel K. B., assignor to Lumen Bearing Company, Buffalo, N. Y. Apparatus for casting metals. 1,452,480; Apr. 17.
Pate, James G., Dillsboro, Ind. Air moistener. 1,465,828; Aug. 21.
Pate, Thomas J., Fort Smith, Ark. Pedal lock. 1,475,863; Nov. 27.
Patee, Fred, Casper, Wyo. Building block. 1,457,454; June 5.
Patent Button Company, The. (See White, Franklin R., assignor.)
Patent Holding Corporation, The. (See Hawthorne, Ellsworth A., assignor.)
Patent Novelty Company. (See Reimer, George H., assignor.)
Patent Products Company. (See Schwimmer, Oscar, assignor.)
Patents Holding Corporation. (See Prouty, Theodore C. and W. O., assignors.)
Pater, Carl J., Wyoming, Ohio, assignor to The Philip Carey Manufacturing Company. Method and apparatus for ornamenting mineral-surfaced roofing. 1,472,884; Nov. 6.
Paterson, George, and C. Thew, assignors to R. & W. Hawthorn, Leslie & Company, Limited, Newcastle-upon-Tyne, England. Oil-flow indicator for gear-case sprayers. 1,463,174; July 31.
Paterson, Thomas W., Liverpool, England. Rotary sleeve-valve two-cycle engine. 1,441,111; Jan. 2.
Paterson, William, London, England. Filtering apparatus. 1,455,505; May 15.

Paterson, William, London, England. Apparatus for treating liquids with chemical reagents. 1,464,291; Aug. 7.
Paterson, William, London, England. Process and apparatus for mixing liquids and gases. 1,468,739; Sept. 25.
Paterson, William G., assignor to The Flash Gun Limited, Glasgow, Scotland. Aim-practicing apparatus. 1,456,191; May 22.
Patey, Ernest, Norbury, England. Table adapted to be used as cookery cabinet. 1,455,506; May 15.
Pathe Cinema, Anciens Etablissements Pathe Freres. (See Lépine, Charles, assignor.)
Pathe Cinema, Anciens Etablissements Pathe Freres. (See Mathiotte, Paul, assignor.)
Pathe Cinema Anciens Etablissements Pathe Freres. (See Salins, Georges A., assignor.)
Pathe Exchange, Inc. (See Chanier, Gaston L., assignor.)
Pathe Exchange, Inc. (See Chanier, G. L., and Adatte, assignors.)
Pathe Freres Phonograph Company. (See Christenson, Fred G., assignor.)
Pathe Freres Phonograph Company. (See Widmann, E. A., and Lewis, assignors.)
Patheal, Herschel P., Greenville, Ill. Extension wheel-rim connector. 1,464,773; Aug. 14.
Patitz, Johann F. M., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Air purifier. 1,444,384; Feb. 6.
Patitz, Johann F. M., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Rotary tiller. 1,476,917; Dec. 11.
Patmor, Edward E., Santa Ana, Calif. Concrete form. 1,453,174; Apr. 24.
Paton, William G., Toronto, Ontario, Canada. Straw salting and fertilizing. 1,454,558; May 8.
Patoska, Jacob, Mascoutah, Ill. Combination lock. 1,443,849; Jan. 30.
Patriarche, Hugh R., Winnipeg, Manitoba, Canada. Antiskidding device. 1,467,647; Sept. 11.
Patrick, Charles, Chester, Pa. Frying pan. 1,447,813; Mar. 6.
Patrick, Harry E., A. J. Peterson, Evanston, and J. W. Bermes, assignors to Service Station Equipment Company, Chicago, Ill. Mechanic's workstand. 1,472,425; Oct. 30.
Patrick, Isaac, Jamaica, and J. W. Holstead, assignors to E. W. Bliss Company, Brooklyn, N. Y. Clutch-operating mechanism. 1,441,112; Jan. 2.
Patrick, Joshua, Detroit, Mich. Magnetic speedometer. 1,461,628; July 10.
Patten, Arnold J., Ellsworth, Me. Hairpin. 1,464,187; Aug. 7.
Patten, Charles C., J. H. Date, Minneapolis, and F. B. Madigan, Mankato, Minn. Sign for auto doors. 1,468,672; Sept. 25.
Patten, Francis H., Edgewood Park, Pa., assignor to Westinghouse Electric and Manufacturing Company. Voltage-regulator mechanism. 1,460,173; June 26.
Patten, James C. (See Peffer, H. C., and Pierce, assignors.)
Patten, John, Baltimore, Md. Acid concentrator. 1,473,122; Nov. 6.
Patten, John V., assignor to Hero Furnace Company, Chicago, Ill. Air-washer humidifier for furnaces. 1,474,639; Nov. 20.
Patten, William, New York, N. Y. Display table. 1,468,247; Sept. 18.
Patterson, Arthur A. (See Neusella, Albert, assignor.)
Patterson, Arthur L., Albemarle, N. C. Dental floss holder. 1,456,279; May 22.
Patterson, Benjamin G., Oklahoma, Okla. Nut lock. 1,440,550; Jan. 2.
Patterson, Charles C. (See Winner, W. E., and Patterson.)
Patterson, Charley T., Springfield, Mo. Feed-mixing device. 1,477,586; Dec. 18.
Patterson, Edward J., et al. (See Fuehrer, Jacob J., assignor.)
Patterson, Frederick W., Pittsburgh, Pa. Restoring poles. 1,461,046; July 10.
Patterson, George K. (See Morrison, Benjamin R., assignor.)
Patterson, Harry R. (See Gilchrist, C. F., and Patterson.)
Patterson, Harry R., Toledo, Ohio. Electric power plant. 1,440,551; Jan. 2.
Patterson, Harry R., Toledo, Ohio. Ignition device for automobiles. 1,473,585; Nov. 6.
Patterson, Harry R., Toledo, Ohio. Electric power plant. 1,473,586; Nov. 6.
Patterson, Harry R., Toledo, Ohio. Electric power plant. 1,475,506; Nov. 27.
Patterson, Harry R., assignor to Electric Auto-Lite Corporation, Toledo, Ohio. Electromagnetic core. 1,441,522; Jan. 9.
Patterson, Harry R., assignor to The Electric Auto-Lite Company, Toledo, Ohio. Ignition coil. 1,452,167; Apr. 17.
Patterson, Harry R., assignor to Electric Auto-Lite Corporation, Toledo, Ohio. Ignition system. 1,458,908; June 12.
Patterson, James A., Laurinburg, N. C. Match scratcher. 1,459,550; June 19.
Patterson, John F., Merchantville, N. J. Shock compressing and binding device. 1,462,817; July 24.
Patterson, John L., Westhampton, and L. R. Bivins, Highland Springs, Va. Measuring device. 1,454,765; May 8.
Patterson, John W., trustee. (See Sides, W. W., and Preston, assignors.)
Patterson, John W., assignor to The Seamless Rubber Company, Inc., New Haven, Conn. Manufacturing water bottles. 1,442,357; Jan. 16.
Patterson, John W., assignor to The Seamless Rubber Company, Inc., New Haven, Conn. Water bag. 1,442,358; Jan. 16.
Patterson, Louis L., Chicago, Ill. Internal-combustion-engine vaporizing attachment. 1,474,605; Nov. 20.
Patterson, Mary S., administratrix. (See Patterson, Thomas A.)
Patterson, Samuel A. (See Faidley, W. D., jr., Morris, and Patterson.)
Patterson-Sargent Company, The. (See Davies, William T., assignor.)
Patterson, Thomas A., deceased, by M. S. Patterson, administratrix, Frierson, La. Nut lock. 1,450,048. Mar. 27.
Patterson, Thomas S., Rosemont, Pa. Power-transmission apparatus. 1,478,294; Dec. 18.
Patterson, Warren C., Pottsville, assignor of one-half to J. F. Johnson, Lewisburg, Pa. Safety attachment for locomotives. 1,462,619; July 24.
Patterson-Williams Mfg. Co. (See Williams, Winfield, assignor.)
Pattison, William, Widnes, England. Corrugating or like treatment of sheet plastic materials. 1,450,222; Apr. 8.
Pattison, William L., Rosedale, Kans. Stair. 1,471,569; Oct. 23.
Patton, A. G. (See McLaughlin, Robert, assignor.)
Patton, Calvin P. (See Patton, Samuel I., assignor.)
Patton, Darrell E., assignor to National Airless Tire Company, Los Angeles, Calif. Tire tread. Des. 62,171; Apr. 3.
Patton, Hal T., assignor to Bishop & Babcock Company, Cleveland, Ohio. Automatic control mechanism for electric switches. 1,471,859; Oct. 23.
Patton, James F., and J. E. McAllister, Cleveland, Ohio. Milling machine for continuous milling. 1,459,248; June 19.
Patton, James F., and J. E. McAllister, Cleveland, Ohio. Ironing machine. 1,463,835; Aug. 7.
Patton, James F., and J. E. McAllister, Cleveland, Ohio; said McAllister assignor to said Patton. Milling machine for continuous milling. 1,470,873; Oct. 16.
Patton, John B., Plainfield, N. J. Testing instrument. 1,465,314; Aug. 21.
Patton, Luther, Birmingham, Ala. Insect catcher. 1,446,126; Feb. 20.
Patton, Luther, Birmingham, Ala. Insect catcher. 1,467,494; Sept. 11.
Patton, Luther, Birmingham, Ala. Insect catcher. 1,467,495; Sept. 11.
Patton, Samuel I., Dallas, assignor of one-third to C. P. Patton, Dallas County, Tex. Screen hanger. 1,473,159; Nov. 6.
Patty, James O., Chicago, Ill. Humidifier. 1,459,794; June 26.
Patz, Isadore B., Baltimore, Md. Necktie. Des. 63,267; Nov. 13.
Pauk, Henry E., St. Louis, Mo. Show case. 1,469,050; Sept. 25.
Paul, Christian F., jr., Austin, Tex. Centrifugal separation and centrifugal filtration of liquids. 1,468,740; Sept. 25.
Paul, Christian F., jr., assignor to E. Nalle, W. P. Allen, and E. Rosengren, trustees, Austin, Tex. Centrifugal emulsifier. 1,473,734; Nov. 13.
Paul, Francois, Montreal, Quebec, Canada. Sanitary apparatus for water-closets. 1,461,139; July 10.
Paul, Joseph M., Rice Lake, Wis. Flytrap. 1,463,659; July 31.
Paul, Julius M., Duluth, Minn. Combination jack and shock absorber for automobiles. 1,442,968; Jan. 23.
Paul, Karl R. (See Schoeller, Ferdinand, assignor.)
Paul, Lola V., administratrix. (See Paul, Wesley A.)
Paul, Raymond. (See Koehler, J. E., and Paul.)
Paul, Stephen, Lansing, Mich., assignor, by mesne assignments, to The Massillon Foundry & Machine Company, Massillon, Ohio. Adjustable guide for hammers. Re15,666; July 31.
Paul, Wesley A., deceased, by L. V. Paul, administratrix, assignor to Deere & Company, Moline, Ill. Cultivator. 1,456,566; May 29.
Paul, William L., Berkeley, Calif., assignor to Deere & Company, Moline, Ill. Lever. 1,463,333; July 31.
Pauli, Fritz. (See Bodler, L. A., Kummer, and Pauli.)
Paulin, Frank. (See Sloan, William J., assignor.)
Pauling, Harry, Berlin-Grunewald, Germany. Making sulphates. 1,446,578; Feb. 27.
Pauling, Harry, Berlin-Grunewald, Germany. Decomposing mixed metal-salt solutions. 1,452,813; Apr. 24.
Pauling, Martin W., Dover, Mo. Grease retainer. 1,452,755; Apr. 24.
Paull, Archibald W., assignor to Wheeling Stamping Company, Wheeling, W. Va. Cap retainer for deformable tubes. 1,448,086; Mar. 13.

Paull, Archibald W., and A. L. Edwards, assignors to Wheeling Stamping Company, Wheeling, W. Va. Collapsible-tube-coating mechanism for tube-printing machines. 1,461,761; July 17.
Paull, Arvin R., assignor of one-third to B. J. Fisher and one-third to W. F. McCann, Utica, N. Y. Pulp-screening device. 1,472,934; Nov. 6.
Paull, Wallace H., Birmingham, assignor to The Dunlop Rubber Company, Limited, London, England. Tire tread. Des. 62,172; Apr. 3.
Paull, Wallace H., Birmingham, assignor to The Dunlop Rubber Company, Limited, London, England. Tire tread. Des. 63,313; Nov. 20.
Paulson, Gustav W., and R. H. Hill, assignors to Cluett, Peabody & Co., Inc., Troy, N. Y. Folder for lock-end collar blanks. 1,443,380; Jan. 30.
Paulson, Paul M. (See Richards, Samuel, assignor.)
Paulson, Walter H., assignor to H. D. Lathrop, Chicago, Ill. Can-washing machine. 1,446 579; Feb. 27.
Paulus, Charles L. (See Russell, H. O., and Paulus.)
Paulus, Charles L., Dayton, Ohio. Charging device for machine guns. 1,471,348; Oct. 23.
Paulus, George R., assignor to United Electric Company, Canton, Ohio. Vacuum cleaner. 1,447,814; Mar. 6.
Paulus, Herman W., Richmond Hill, N. Y., assignor to Royal Baking Powder Company. Apparatus for converting formates into oxalates. 1,445,162; Feb. 13.
Paulus, Herman W., Richmond Hill, N. Y., assignor to Royal Baking Powder Company. Converting formates into oxalates. 1,445,163; Feb. 13.
Pauly, John, assignor to American Bosch Magneto Corporation, Springfield, Mass. Impulse coupling. 1,454,942; May 15.
Paumier, Emile L. A., Paris, France. Machine gun. 1,444,849; Feb. 13.
Pausch, Oliver W., San Francisco, Calif., assignor to Ansco Company, Binghamton, N. Y. Swinging spool carriage. 1,455,806; May 22.
Pavely, Arthur G., and C. F. O. E. Schmitt, Johannesburg, Transvaal, South Africa. Coiling strip material such as cinematograph film. 1,459,795; June 26.
Pavey, William B., assignor to Economy Engineering Company, Chicago, Ill. Portable elevator. 1,458,195; June 12.
Pavola, Alfred, New York, N. Y. Window lock and guard. 1,471,525; Oct. 23.
Pawley, William, New York, N. Y. Toy rabbit. Des. 62,353; May 15.
Pawlick, Ignatz H., assignor to Enterprise Portable Oven Co., Chicago, Ill. Portable oven. 1,463,061; July 24.
Pawling & Harnischfeger Company. (See Keller, Arthur C., assignor.)
Pawling and Harnischfeger Company. (See Young, W. A., and Brill, assignors.)
Pawsat, Ewald F., Sheboygan, Wis. Device for repairing pneumatic tires. 1,472,812; Nov. 6.
Paxflat Barrel & Crate Corporation. (See Le Fevre, George A., assignor.)
Paxton, Lloyd W., Pittsburgh, Pa. Gauge for punching machines. 1,445,796; Feb. 20.
Payette, Joseph A., assignor to S. O. Bigney & Company, Attleboro, Mass. Machine for and method of making chain. 1,446,207; Feb. 20.
Payman, Joseph B. (See Baddiley, J., Payman, and Bainbridge.)
Payment, Edward S., Chicago, Ill. Thermometer. 1,474,001; Nov. 13.
Payne, Albert E. H., Kildare, Ireland. Bicycle and the like. 1,471,505; Oct. 23.
Payne, Arlie, Paragould, Ark. Camera attachment. 1,451,956; Apr. 17.
Payne, Arthur C., and R. Eyre, London, England. Apparatus for securing metallic bands around packing cases, boxes, bales, and the like. 1,474,207; Nov. 13.
Payne, Elmer H., and S. A. Montgomery, Woodriver, Ill., assignors to Standard Oil Company, Whiting, Ind. Catalyst and making the same. 1,453,766; May 1.
Payne, El Roy L. (See Pace, Edgar J., assignor.)
Payne, Frank E., Glencoe, assignor to Crane Packing Company, Chicago, Ill. Metallic packing. 1,466,806; Sept. 4.
Payne, Walter B., assignor to Todd Protectograph Company, Inc., Rochester, N. Y. Check writer. 1,460,729; July 3.
Paynter, William D. (See Starr, G. W., and Paynter.)
Payometer Company. (See Ovaitt, Nelson C., assignor.)
Payson, John H., Rockford, Ill. Razor stropper. 1,451,844; Apr. 17.
Payson, Joseph R., Chicago, Ill. Gas holder. 1,453,516; May 1.
Payson Manufacturing Company. (See Harris, Elijah P., assignor.)
Payton, Calvin, Douglas, Ariz., assignor of fifty-five one-hundredths to Phelps Dodge Corporation. Metallurgical refractory material and producing the same. 1,453,993; May 1.
Paz, Vicente, Habana, Cuba. Vehicle wheel. 1,445,164; Feb. 13.
Pazos, Nicolás, Habana, Cuba. Shears. 1,447,483; Mar. 6.
Peabody, Donald C. (See Johnston, H. H., and Peabody.)
Peabody, Joel U. (See Osgood, W. P., Smith, and Peabody.)
Peabody School Furniture Company, The. (See Wolfe, Jacob J., assignor.)
Peach, William J., Kansas City, Mo. Cable hanger. 1,454,559; May 8.
Peachey, Stanley J., Davenport, Stockport, England. Accelerating the vulcanization of rubber and producing the same. 1,443,381; Jan. 30.
Peacock, David H. (See Segaller, D., and Peacock.)
Peacock, Glenn, Bartlesville, Okla. Vacuum attachment for clothes-pressing machines. 1,454,403; May 8.
Peacock, Jesse L., and F. Sayles, Chicago, Ill., assignors to Peacock Manufacturing Company. Razor sharpener. 1,478,835; Dec. 25.
Peacock Manufacturing Company. (See Peacock, J. L., and Sayles, assignors.)
Peacock, Samuel. (See Noyes, S. M., and Peacock.)
Peacock, Samuel, assignor to Wheeling Steel & Iron Company, Wheeling, W. Va. Coating metals with metal phosphides. 1,456,252; May 22.
Peacock, Samuel, assignor to Wheeling Steel Corporation, Wheeling, W. Va. Hardened threaded socket and producing same. 1,473,251; Nov. 6.
Peacock, Samuel, Wheeling, W. Va., assignor to W. G. Waldo, Washington, D. C. Producing boron nitride. 1,464,292; Aug. 7.
Peacock, Samuel, Wheeling, W. Va., assignor to W. G. Waldo, Washington, D. C. Production of phosphoric acid. 1,468,741; Sept. 25.
Peacock, Thomas, London, England. Folding or collapsible supporting stand. 1,443,432; Jan. 30.
Peacock, William G., Enderby, British Columbia, Canada. Saw support. 1,456,192; May 22.
Peahotzki, John J., Baltimore, Md. Corn mixer and silk remover. 1,456,826; May 29.
Peak, William H., et al. (See Morrison, Charles H. W., assignor.)
Peale, Rembrandt. (See Davis, Kenneth, assignor.)
Peale, Rembrandt. (See Hutton, Meritt, assignor.)
Peale, Rembrandt. (See Peale, Richard, assignor.)
Peale, Richard, assignor to R. Peale, St. Benedict, Pa. Car handling and dumping system. 1,454,602; May 8.
Peano, Felix, Inglewood, Calif. Producing motion pictures. 1,467,394; Sept. 11.
Pearce, Charles E., assignor of one-eighth to J. S. Strowd, one-fourth to C. W. Alexander, and one-fourth to J. W. Zachary, Cooleemee, N. C. Stop motion for spinning frames. 1,455,171; May 15.
Pearce, Oscar, and I. Bales, Houston, Tex. Tong. 1,473,123; Nov. 6.
Pearce, W. L. (See Roye, Richard T., assignor.)
Pearl, Eugene, New York, N. Y. Chair pad. 1,444,521; Feb. 6.
Pearl, Fred J., Kansas City, Mo. Fishing tool. 1,466,916; Sept. 4.
Pearn, William A., Rusholme, Manchester, England. Machine tool for drilling or cutting out templates. 1,442,538; Jan. 16.
Pearson, Albert A., Portland, Oreg. Electric lantern. 1,444,267; Feb. 6.
Pearson, Arthur E., Littleton, N. H. Gatherer. 1,448,766; Mar. 20.
Pearson, August E., Toronto, Ontario, Canada. Boring machine. 1,476,724. Dec. 11.
Pearson, Ben H. (See Shaw, J. T., Weymouth, and Pearson.)
Pearson, Carl F., assignor to Chicago Machine & Motor Co., Chicago, Ill. Clutch. 1,448,860; Mar. 20.
Pearson, Carl F., Chicago, Ill., assignor to Chicago Machine & Motor Co. Friction clutch. 1,448,861; Mar. 20.
Pearson, Carl F., Chicago, Ill., assignor to Chicago Machine & Motor Co. Machine element. 1,467,449; Sept. 11.
Pearson, Charles. (See Benjamin, B. R., and Pearson.)
Pearson, Charles. (See Benjamin, B. R., Welber, and Pearson.)
Pearson, Charles, Chicago, Ill., assignor to International Harvester Company. Motor-operated implement. 1,441,021; Jan. 2.
Pearson, Charles, Chicago, Ill., assignor to International Harvester Company. Controlling mechanism for harvesters. 1,452,282; Apr. 17.
Pearson, Charles, Chicago, Ill., assignor to International Harvester Company. Hayrake. 1,477,382; Dec. 11.
Pearson, Edward I., Toledo, Ohio. Valve. 1,468,030; Sept. 18.
Pearson, Emil L., Chicago, Ill. Child's vehicle. Des. 62,173; Apr. 3.
Pearson, Frank O., assignor of one-third to B. F. Huggins and one-third to J. P. McLain, Denver, Colo. Rotary pump. 1,445,165; Feb. 13.
Pearson, Gardner W. (See Fortier, Henry J., assignor.)
Pearson, George C., London, England. Telephone cable. 1,475,139; Nov. 20.
Pearson, James H., assignor to G. V. Gladville, Bloomfield, Ind. Silo door. 1,442,699; Jan. 16.
Pearson, John, Chicago, Ill. Car roof. 1,444,136; Feb. 6.
Pearson, John, Chicago, Ill. Car roof. 1,444,137; Feb. 6.
Pearson, John E., Chicago, Ill. Oil burner. 1,473,511; Nov. 6.
Pearson, John W., San Francisco, Calif. Drying apparatus. 1,461,224; July 10.

Pearson, John W., assignor to The Davis Sewing Machine Company, Dayton, Ohio. Connecting rod. 1,444,883; Feb. 13.
Pearson, John W., and J. S. Power, assignors to The Davis Sewing Machine Company, Dayton, Ohio. Valve. 1,463,093; July 24.
Pearson, Kent, Marion, Iowa. Animal trap. 1,463,091; July 24.
Pearson, Lawrence J. (See Holland, W. E., and Pearson.)
Pearson, Miles E., and E. Tow, Sacramento, Calif.; said Pearson assignor to said Tow. Frame brace. 1,450,513; Apr. 3.
Pearson, Morris A., assignor to Allen Machine Company, Erie, Pa. Tire press. 1,467,948; Sept. 11.
Pearson, Nils A., New York, N. Y. Bumper for automobiles. 1,442,493; Jan. 16.
Pearson, Otis E., Kansas City, Mo. Timer. 1,449,347; Mar. 20.
Pearson Products Corporation. (See Johnson, William A., assignor.)
Pearson, Richard E., and E. N. Craig, London, England, assignors to Durelco Limited, London, England. Reduction of oxides of metals of the chromium group. 1,448,036; Mar. 13.
Pearson, Richard E., London, and E. N. Craig, Ham Common, assignors to Metal Patents Limited, London, England. Electrolytic treatment of metalliferous materials containing metals of the chromium group. 1,462,421; July 17.
Pearson, Robert E., Yonkers, N. Y. Electric cooking and heating apparatus. 1,465,995; Aug. 28.
Pearson, William H., Watertown, N. Y. Parking light. 1,475,507; Nov. 27.
Pearson, William H., and T. J. Kelly, Passaic, N. J., assignors to Brighton Mills. Machine for and method of uniting threads or cords. 1,463,401; July 31.
Pearsons, George T., New York, N. Y. Fire extinguisher. Re15,673; Aug. 14.
Pearsons, George T., New York, N. Y. Fire extinguisher. 1,471,750; Oct. 23.
Peart, Frederick L., and H. M. Jones, Denver, Colo. Mine-car coupler. 1,472,990; Nov. 6.
Pease, C. F., Company, The. (See Green, C. A., and Schuh, assignors.)
Pease, Durell O., Hampden, Mass. Carding machine. 1,444,638; Feb. 6.
Pease, Durell O., Hampden, Mass. Apron roughener for condensers. 1,471,414; Oct. 23.
Pease, Emma C., Nantucket, Mass. Box. Des. 63,314; Nov. 20.
Pease, F. B., Company. (See Contant, William A., assignor.)
Pease, George W., Pittsfield, Mass. Garment. 1,476,831; Dec. 11.
Pease, Henry, Jackman, Me. Bunching machine. 1,464,332; Aug. 7.
Pease, Louis W. (See Richardson, George W., assignor.)
Pease, Louis W., Chicago, Ill. Device and method for making stereoscopic X-ray pictures. 1,447,399; Mar. 6.
Pech, Paul L. E., Narbonne, France. Soap. 1,462,243; July 17.
Pechkranz, Rodolphe, Geneva, Switzerland. Electrolysis of water. 1,448,037; Mar. 13.
Pečinka, Josef, Deutsch-Wagram, Austria. Ferrule for boiler tubes. 1,456,145; May 22.
Peck, Arthur S. (See Saylor, H. A., Peck, and Dinsmoor.)
Peck, Charles L., New York, N. Y., assignor to The Dorr Company. Removal of solid particles from liquids. 1,449,622; Mar. 27.
Peck, Edward L. (See McDonell, G. B., and Peck.)
Peck, Eugene H., Bronxville, N. Y. Lighting fixture. Des. 62,916; Aug. 21.
Peck, Jacob G., Portland, Oreg. Ice-cream-freezing apparatus. 1,477,279; Dec. 11.
Peck, Jesse L., Pittston, Pa. Combined number plate and letter chute. 1,477,074; Dec. 11.
Peck, John W., jr., New York, N. Y. Projecting screen. 1,450,864; Apr. 3.
Peck, Leland E., Wyoming, Iowa. Press. 1,457,265; May 29.
Peck, Melville. (See Rawlings, H. S., Gray, Call, and Peck.)
Peck, Stow & Wilcox Co., The. (See Blot, Lucien P., assignor.)
Peck Stow & Wilcox Company, The. (See Nagle, James F., assignor.)
Peck, Stow & Wilcox Company, The. (See Quinlan, James A., assignor.)
Peck, Wallace, Brooklyn, N. Y. Bed for automobiles, boats, etc. 1,472,491; Oct. 30.
Peck, William J., White River Junction, Vt., and E. R. Chase, West Lebanon, N. H. Signal. 1,463,439; July 31.
Peck, William S., et al. (See Gilmore, Benjamin V., assignor.)
Peck, Willis T., Fort Des Moines, Iowa. Merry-go-round. 1,476,832; Dec. 11.
Peckes, William J., Dormont Borough, Pa. Waterproof container. 1,468,742; Sept. 25.
Peckham, Harold C., Cranston, and H. P. Sweet; said Sweet assignor of his right to D. W. Flint, Providence, R. I. Making castellated nuts. 1,449,243; Mar. 20.
Pecora, John and J. R., Buffalo, N. Y. Curtain rod and shade-roller bracket. 1,468,167; Sept. 18.
Pecora, Joseph R. (See Pecora, John and J. R.)
Pecoraro, Leopold. (See Rancadore, I., and Pecoraro.)
Pecord, James A. (See Bishop, Joseph T., assignor.)
Peczur, Jozefa, West Selkirk, Canada. Chipped-glass table ornament. Des. 63,370; Nov. 27.
Peddle, Cyril J. (See Parson, C. A., Peddle, and Duncan.)
Pederquist, Ernest, Newark, N. J. Valve-spring lifter. 1,445,708; Feb. 20.
Pedersen, Anton, Dagmar, Mont., assignor of one-half to F. W. Berg, Grenora, N. Dak. Kitchen cabinet. 1,451,587; Apr. 10.
Pedersen, Dines C., Holbak, Denmark. Cultivator. 1,472,813; Nov. 6.
Pedersen, Gjorup, Massillon, Ohio. Pocket umbrella. 1,447,815; Mar. 6.
Pedersen, Johannes T., Flushing, N. Y., assignor, by mesne assignments, to The Measuregraph Company. Adjusting measuring machines. 1,463,589; July 31.
Pedersen, Johannes T., Flushing, assignor to A. M. Sloss, New York, N. Y. Coffee-urn pump. 1,466,458; Aug. 28.
Pedersen, Johannes T., Flushing, assignor to A. M. Sloss, New York, N. Y. Coffee urn. 1,473,440; Nov. 6.
Pedersen, John D., Jackson, Wyo. Firearm. 1,470,029; Oct. 9.
Pedersen, John D., Jackson, Wyo. Firearm. 1,473,571; Nov. 6.
Pedersen, John D., Jackson, Wyo., and C. C. Loomis, Ilion, N. Y.; said Loomis assignor, by mesne assignments, to Remington Arms Company, Inc., New York, N. Y. Magazine sear lock for firearms. 1,466,749; Sept. 4.
Pedersen, John E., Hillsboro, Ill., assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo. Machine for charging furnace retorts. 1,451,176; Apr. 10.
Pedersen, Julius, Bridgeport, Conn. Clothesline support. 1,459,115; June 19.
Pedersen, Julius, Bridgeport, Conn. Windshield cleaner. 1,463,590; July 31.
Pedersen, Peter H. (See Krogh, S. A. S., and Pedersen.)
Pedersen, Thomas W., assignor to H. I. Wagner Co., New York, N. Y. Toy. 1,464,107; Aug. 7.
Pedersen, Waldemar J., Floral Park, N. Y. Concrete form. 1,457,999; June 5.
Pederson, Nels, Trent, S. Dak. Governor for explosive engines. 1,455,807; May 22.
Pedigo, Sanford I., Pittsburgh, Pa. Hanger device for concreting structural beams. 1,463,967; Aug. 7.
Pedigo, Sanford I., assignor of forty-nine one-hundredths to W. F. Brown, Pittsburgh, Pa. Gas stove. 1,476,269; Dec. 4.
Pedlar, Louis C., assignor to F. W. Van Name Incorporated, New York, N. Y. Display screen. 1,444,522; Feb. 6.
Pedrick, William E., assignor to Larkin Co., Buffalo, N. Y. Mechanism for feeding stencils or analogous articles. 1,448,314; Mar. 13.
Pedroarena, Urbano, Gardnerville, Nev. Cultivator and harrow. 1,453,944; May 1.
Peebles, Thomas A., Pittsburgh, assignor to J. M. Hopwood, Dormont, Pa. Regulation of combustion of gas and powdered fuel. 1,459,072; June 19.
Peed, Horace S., Kansas City, Mo., assignor, by mesne assignments, to J. H. Neff, Fort Leavenworth, Kans. External contracting brake for automobiles. 1,464,617; Aug. 14.
Peek, Frank W., jr., Pittsfield, Mass., assignor to General Electric Company. Protective device. 1,449,694; Mar. 27.
Peele Company, The. (See Wexler, Benjamin, assignor.)
Peeler, Cameron C., Charleston, Wash. Torch for use in electric welding and holder therefor. 1,462,620; July 24.
Peelle Company, The. (See Wexler, Benjamin, assignor.)
Peelle, Willis J., Chicago, Ill. Forming and applying gaskets and the like. 1,447,816; Mar. 6.
Peelle, Willis J., Chicago, Ill. Means for forming and securing gaskets to jar covers. 1,451,470; Apr. 10.
Peelle, Willis J., Chicago, Ill. Screw cap. 1,476,918; Dec. 11.
Peeples, Mark B., Scotia, S. C. Reenforcing strip for tires. 1,459,377; June 19.
Peer, Frank. (See Lang, John, assignor.)
Peerblow Manufacturing Company. (See Schmitt, Francis P., assignor.)
Peerless Corset Co. (See Rocke, Abraham, assignor.)
Peerless Door Control Company. (See Lacey, Paul H., assignor.)
Peerless Husker Company. (See Hoy, Clarence A., assignor.)
Peerless Insulated Wire and Cable Company. (See Cook, William E., assignor.)
Peerless Light Company. (See Herskovitz, Max, assignor.)
Peerless Motor Car Company, The. (See Sherbondy, Earl H., assignor.)

Alphabetical list of patentees—Continued.

Peerless Paper Products Company. (See Simmons, Paul R., assignor.)
Peerless Roll Leaf Co. Inc. (See Heygel, Paul R., assignor.)
Peerless Wire Goods Company, The. (See Snyder, Frank M., assignor.)
Peerless Wire Goods Company. (See Wiselogel, James J., assignor.)
Peffer, Harry C., and H. C. Pierce, La Fayette, assignors to J. C. Patten, Kokomo, Ind. Electrodepositing cobalt and chromium. 1,465,173; Aug. 14.
Peffer, Lloyd T. and T. E., Waukesha, Wis. Tire boot. 1,421,712; Apr. 17.
Peffer, Thomas E. (See Peffer, Lloyd T. and T. E.)
Pehrson, Adam H., Stockholm, Sweden. Rotating or oscillating electric-furnace plant. 1,449,834; Mar. 27.
Peiler, Karl E., West Hartford, Conn., assignor to Hartford-Fairmont Company, Canajoharie, N. Y. Apparatus for feeding molten glass. 1,473,587; Nov. 6.
Peirce, Charles L., jr., assignor of one-half to Hubbard and Company, Pittsburgh, Pa. Removal of excess coating material from coated articles. 1,472,228; Oct. 30.
Peirce, Edward, Opportunity, Wash. Fruit-conveying machine. 1,445,797; Feb. 20.
Peirce, Ralph S., Hinsdale, Ill. Anchoring device. 1,468,074; Sept. 18.
Peirce, William B., North Tonawanda, N. Y. Self-feeding machine and method. 1,452,053; Apr. 17.
Peirce, Willis M. (See Finkeldey, W. H., and Peirce.)
Peirson, Charles H., and W. A. Bohue, assignors to E. F. Houghton & Co., Philadelphia, Pa. Machine for forming lug straps. 1,455,654; May 15.
Peiter, Frederick, assignor to Robert Sayre Kent, Inc., Brooklyn, N. Y. Kiln. 1,446,857; Feb. 27.
Pejchar, Josef, Brooklyn, N. Y. Jewelry setting and the like. 1,441,597; Jan. 9.
Pejchar, Josef, Brooklyn, N. Y. Gem setting. 1,476,462; Dec. 4.
Pelc, Joseph, Cicero, Ill. Treating lime-containing materials. 1,447,568; Mar. 6.
Pelc, Joseph, Cicero, Ill. Water-soluble product and making the same. 1,450,865; Apr. 3.
Peller, Charles, Okmulgee, Okla. Hose attachment. 1,470,639; Oct. 16.
Pelletier, Alphonse, Norwalk, Calif. Burglar alarm. 1,462,941; July 24.
Pelletier, Henry E., Newark, assignor to H. Depew, Elizabeth, N. J. Piston ring. 1,446,658; Feb. 27.
Pelletier, Henry E., Newark, assignor to H. Depew, Elizabeth, N. J. Air-compressor valve. 1,446,659; Feb. 27.
Pelletier, John B., Old Forge, N. Y. Fishing Reel. 1,470,640; Oct. 16.
Pellett, Martin L. (See Collins, F. H., and Pellett.)
Pellettieri, Giuseppe M., St. Louis, Mo. Fly-paper holder. 1,445,549; Feb. 13.
Pelling, Ernest R., Croydon, and V. A. Mattick, Beckenham, England. Motor tractor. 1,451,448; Apr. 10.
Pellissier, Vital, Merced, Calif. Controlling device for drawn implements. 1,461,198; July 10.
Pellow, Arthur, assignor to American Optical Company, Southbridge, Mass. Lens grinder. 1,461,094; July 10.
Pellow, Arthur, assignor to American Optical Company, Southbridge, Mass. Lens. 1,471,351; Oct. 23.
Pelly, Russell G., assignor to Technical Research Works, Limited, London, England. Lubricant and preparing same. 1,463,092; July 24.
Pelosi, Frank, New York, N. Y. Fender for vehicles. 1,450,449; Apr. 3.
Pelser, Abraham P., Greenfield, Mass. Combustion-chamber carburetor. 1,451,629; Apr. 10.
Pelt, Joseph, Newark, N. J. Garment. 62,917; Aug. 21.
Pelt, Joseph, Newark, N. J. Garment. 62,918; Aug. 21.
Pelter, Charles. (See Olson, E. H., Clark, Mealey, and Pelter.)
Pelterie, Robert E., Paris, France. Internal-combustion and fluid-pressure engine. 1,471,860; Oct. 23.
Peltier, Alfred, Minneapolis, Minn. Hinge-retaining plate. 1,446,722; Feb. 27.
Pelton, Charles H., and G. C. Rhoderick, assignors to The Thomas Manufacturing Company, Springfield, Ohio. Mowing machine. 1,473,863; Nov. 13.
Pelton, Clyde S., Cleveland Heights, Ohio, assignor to The Perfection Heater and Manufacturing Company, Cleveland, Ohio. Heater for motor-propelled vehicles. 1,453,855; May 1.
Pelton, Clyde S., Cleveland Heights, assignor to The Perfection Heater and Manufacturing Company, Cleveland, Ohio. Heater for motor-propelled vehicles. 1,471,312; Oct. 16.
Pelton Water Wheel Co. (See Hutchinson, E. C., and Buehle, assignors.)
Pelton Water Wheel Co. (See Parker, W. L., and Hutchinson, assignors.)
Pelton Water Wheel Company. (See Hutchinson, Ely C., assignor.)
Peltz, Martin J. (See Stamm, M., Tucker, and Peltz.)
Pemberton, Edward L., New York, N. Y., assignor to The Frog Switch & Manufacturing Company, Carlisle, Pa. Dipper tooth. 1,469,808; Oct. 9.
Pembroke, Winfield P., Rochester, N. Y. Carburetor. 1,444,426; Feb. 6.
Pembroke, Winfield P., Rochester, N. Y. Carburetor. 1,464,333; Aug. 7.
Penaflor, Carmelo, Manila, P. I. Laboratory tabulator. 1,460,917; July 3.
Penberthy Injector Company. (See Valboe, Peter P., assignor.)
Pence, Lafe P., Flint, assignor to General Motors Corporation, Detroit, Mich. Valve-operating mechanism for internal-combustion engines. 1,475,965; Dec. 4.
Pender, Winnfield R., Houston, Tex. Furnace. 1,447,569; Mar. 6.
Pendergast, Frederick W., Cambridge, Mass. Mop. 1,461,762; July 17.
Pendergrass, Walter L., assignor to S. Kahn and L. Kahn, Mobile, Ala., doing business as Kahn Manufacturing Company. Union suit. 1,459,986; June 26.
Pendleton, Charles B., Denver, Colo. Automatic fluid-pressure displacement pump. 1,473,512; Nov. 6.
Pendleton, Oscar G., assignor of one-third to R. R. Thimens and one-third to W. Lahners, Decatur, Ill. Air-brake valve. 1,446,723; Feb. 27.
Pendleton, Virginia H., New York, N. Y. Carrying bag. Des. 62,242; Apr. 24.
Penfield, Arthur H., New York, N. Y. Apparatus for concentrating ore. 1,472,670; Oct. 30.
Penfield, Raymond C., New York, N. Y. Apparatus for unloading kilns by hopper, lifting device, or the like. 1,444,206; Feb. 6.
Penfield, Raymond C., New York, N. Y. Apparatus for unloading kilns by conveyer belts. 1,444,207; Feb. 6.
Penfield, William S., San Francisco, Calif. Valve. 1,449,695; Mar. 27.
Pengilly, Joseph H. (See Brown, V., and Pengilly.)
Penick & Ford, Ltd. (See Lenders, Adolph W. H., assignors.)
Penigor, William, et al. (See Matter, Gustave O., assignor.)
Peninsular Forging Die & Tool Co. (See Klerx, Alois, assignor.)
Penksa, Stanley, Long Island City, N. Y. Duplicate tag. 1,453,517; May 1.
Penksa, Stanley, Long Island City, N. Y. Toy. 1,461,932; July 17.
Penn, Benjaman C., Greenville, Miss. Sewing-machine attachment. 1,477,003; Dec. 11.
Penn Electrical Manufacturing Company. (See Nedra, Ian I. W., assignor.)
Penn, George R. (See Bowman, R. L., and Penn.)
Penn, Oscar S., Old Charlton, London, assignor to Roadless Traction, Limited, London, England. Flexible track and the like. 1,451,516; Apr. 10.
Penn Rivet Corporation. (See Smith, Oscar L., assignor.)
Penn Seaboard Steel Corporation. (See Briner, Frank, assignor.)
Pennell, Edwin R., assignor of one-half to A. J. Biel, Chicago, Ill. Electric lamp. Des. 62,919; Aug. 21.
Penney, Harold D., Pelham, C. E. Whiteman, Richmond Hill, N. Y., and G. F. Russ, Jersey City, N. J., assignors to Automatic Inserting Machine Corporation, New York, N. Y. Intermittent drive mechanism. 1,459,796; June 26.
Penniman, William B. D., Baltimore, Md. Apparatus for cracking oils. 1,459,515; June 19.
Penning, Cornelis J. H., Manila, P. I. Rotary cutting and leveling knife. 1,444,035; Feb. 6.
Penning, Cornelis J. H., London, England. Internal-combustion engine. 1,474,549; Nov. 20.
Pennington, Elonzo A., Dalark, Ark. Crossing signal. 1,443,905; Jan. 30.
Pennington, Gordon R., Cleveland, and S. K. Wellman, Cleveland Heights, Ohio. Slide-operating mechanism. 1,459,185; June 19.
Pennington, John K., Los Angeles, Calif. Ventilation system. 1,448,149; Mar. 13.
Pennington, John R. (See Pennington, William D. and J. R.)
Pennington, Thomas J. (See Daman, A. C., and Pennington.)
Pennington, William D. and J. R., Chicago, Ill. Coin bank. 1,473,864; Nov. 13.
Pennsylvania Appliance Company. (See Currier, B., and Seaman, assignors.)
Pennsylvania Pump and Compressor Co. (See Messinger, Norman A., assignor.)
Pennsylvania Tank Car Company, The. (See Drake, Whittlesey A., assignor.)
Pennsylvania Textile Mills Inc., The. (See Ericson, E., and Weiss, assignors.)
Pennsylvania Textile Mills Inc., The. (See Fauser, Gustave M., assignor.)
Pennypacker, Orrie F., assignor of one-half to C. A. Harpman, Youngstown, Ohio. Open-hearth furnace. 1,474,606; Nov. 20.
Penrod, David L., Hooper, Utah. Amalgamating mill. 1,464,293; Aug. 7.
Penrod, John, and R. D. Thompson, Okmulgee, Okla. Sand swab. 1,455,850; May 22.
Penrod, John, and R. D. Thompson, Okmulgee, Okla. Tube support for deep-well pumps. 1,477,714; Dec. 18.
Penrod, John, and R. D. Thompson, Okmulgee, Okla. Pump swab. 1,455,851; May 22.
Penrose, A. W., and Company Limited. (See Gamble, W., and Owen, assignors.)

Penso, Marius E., New York, assignor to National Indicator Company, Long Island City, N. Y. Electric cooking device. 1,460,140; June 26.
Pentler, Sigmund J., and O. R. Short, Wausaw, Wis. Upper turner. 1,448,417; Mar. 13.
Penton, Carl T., Detroit, Mich. Pressure-controlled mechanism for hot-water systems. 1,448,939; Mar. 20.
Penton, Carl T., Detroit, Mich. Electric heater for fluids. 1,456,907; May 29.
Penwell, Lewis, assignor to A. B. C. Transit Refrigeration Company, Chicago, Ill. Refrigerating system. 1,447,601; Mar. 6.
Peny, Hippolyte J. M., Paris, France. Spring wheel for vehicles. 1,446,393; Feb. 20.
Penzold, Wilhelm, assignor to Widerstand Aktien-Gesellschaft für Elektro-Wärme-Technik, Hanover, Germany. Electrical liquid heater. 1,446,317; Feb. 20.
Penzold, Wilhelm, assignor to Widerstand Aktien-Gesellschaft für Elektro-Wärme-Technik, Hanover, Germany. System for electrically heating liquids. 1,446,318; Feb. 20.
People of the United States. (See Adams, Elliot Q., assignor.)
People of the United States. (See Brooks, Charles, assignor.)
People of the United States, The. (See Butterman, S., and Cooperrider, assignors.)
People of the United States. (See Gibbs, Harry D., assignor.)
People of the United States. (See Gore, Herbert C., assignor.)
People of the United States. (See Henley, Robert R., assignor.)
People of the United States, The. (See Johnson, Elmer, assignor.)
People of the United States. (See Lindauer, Alfred C., assignor.)
People of the United States. (See Paine, H. S., and Walton, jr., assignors.)
People of the United States. (See Ross, W. H., Durgin, and Jones, assignors.)
People of the United States, The. (See Sherman, J. M., and Shaw, assignors.)
People of the United States. (See Sherman, J. M., and Whittier, assignors.)
People of the United States, The. (See Sherrard, Earl C., assignor.)
People of the United States, The. (See Walton, Charles F., jr., assignor.)
People of the United States. (See Walton, C. F., jr., and Paine, assignors.)
People of the United States of America, The. (See Thelen, R., and Fiemann, assignors.)
Peoples Natural Gas Company, The. (See Anderson, James B., assignor.)
Peoples Natural Gas Company. (See Troad, Samuel, assignor.)
Pepper, David, Philadelphia, Pa. Electric hand lamp. 1,443,089; Jan. 23.
Pepper, David, Philadelphia, Pa. Electric battery. 1,454,943; May 15.
Pepper, David, Philadelphia, Pa. Machine for casting thin metal cups. 1,474,489; Nov. 20.
Pepper, Ray, Fairmont, W. Va. Automobile tire chain. 1,441,113; Jan. 2.
Pepsodent Company. (See Kuever, Rudolph A., assignor.)
Peradotto, Vittorio, Gallenca, Turin, Italy. Process of and means for tanning hides. 1,455,655; May 15.
Peraza, Jose C., New York, N. Y. Poppet-valve-actuating mechanism. 1,443,715; Jan. 30.
Peraza, Jose C., New York, N. Y. Valve mechanism for internal-combustion engines. 1,444,081; Feb. 6.
Peraza, Jose C., New York, N. Y. Internal-combustion engine. 1,464,334; Aug. 7.
Peraza, Jose C., New York, N. Y. Oscillating internal-combustion engine. 1,473,199; Nov. 6.
Percsényi, Paul, East Pittsburgh, Pa. Enamel-shingle construction. 1,462,212; July 17.
Percy, Harland L., assignor to The Percy Manufacturing Company, Denver, Colo. Ice-cream-packing machine. 1,442,820; Jan. 23.
Percy Manufacturing Company, The. (See Percy, Harland L., assignor.)
Pereira, Hans. (See Zinke, Alois, assignor.)
Perfeclite Manufacturing Co. (See Dose, Charles C., assignor.)
Perfect. Eber M., Cleveland, Ohio. Air-feed device. 1,467,249; Sept. 4.
Perfect Projector Machine Company, The. (See Blankenberg, William J., assignor.)
Perfect Shock Absorber Spring Company. (See Grundler, Joseph, assignor.)
Perfect Vacuum Canning Company. (See Bach, Neils P., assignor.)
Perfected Window Company. (See Lancaster, George W., assignor.)
Perfection Cooler Company. (See Boggs, Atwood L., assignor.)
Perfection Electric Products Co., The. (See Kruesheld, Henry, assignor.)
Perfection Heater and Manufacturing Company, The. (See Pelton, Clyde S., assignor.)
Perfection Mortising Machine Company, The. (See Norris, George E., assignor.)
Perfecto Gear Differential Co., The. (See Baker, Arthur F., assignor.)
Perfecto Gear Differential Co. (See Starr, Charles E., assignor.)
Perham, Arthur L. (See Dawson, A. T., Watt, and Perham.)
Perham, Arthur L., assignor to Vickers Limited, Westminster, London, England. Control system for gun mounting and other mechanism. 1,472,885; Nov. 6.
Perham, Charles F., Lynn, Mass., assignor to General Electric Company. Motion-picture projection. 1,450,514; Apr. 3.
Perhats, Paul, Chicago, Ill. Vegetable slicer, cutter, and nutcracker. 1,462,148; July 17.
Perigo, Everett J. (See Wolbert, Everett D., assignor.)
Perin, Charles P. (See Belcher, D., and Eustis, assignors.)
Perin, Charles P. (See Eustis, F. A., and Belcher, assignors.)
Perin, Charles P., et al. (See Eustis, F. A., Hayward, Schleicher, and Belcher, assignors.)
Perkins, Alfred J., Hamburg, N. Y. Shock absorber. 1,470,931; Oct. 16.
Perkins Appliance Company. (See Perkins, J. L., and Croft, assignors.)
Perkins Appliance Company. (See Perkins, J. L., Croft, and Sickles, assignors.)
Perkins Appliance Company. (See Perkins, J. L., Sickles, and Oakley, assignors.)
Perkins, Arthur S., Auburn, Me. Thread-measuring device. 1,478,910; Dec. 25.
Perkins, Augustus T., Oak Park, assignor to Webster Mfg. Company, Chicago, Ill. Crushing machine. 1,477,587; Dec. 18.
Perkins, B. F., & Son, Inc. (See Bidwell, Paul W., assignor.)
Perkins, Charles F., assignor of one-half to M. R. Perkins, Lake View, Me. Protector for footwear. 1,458,497; June 12.
Perkins, Earl G., Youngstown, Ohio. Lamp stand. 1,459,249; June 19.
Perkins, Edwin A., Jamaica, N. Y. Spindle. 1,474,490; Nov. 20.
Perkins, Edwin A., Jamaica, N. Y. Silk spindle. 1,474,491; Nov. 20.
Perkins, Elmer E. (See Vickery, Benjamin P., assignor.)
Perkins, Elmer E., Chicago, Ill. Drying kiln. 1,452,928; Apr. 24.
Perkins, Floyd R., assignor to C. H. Fuller Co., Chicago, Ill. Dish-holding tongs. 1,445,908; Feb. 20.
Perkins, Frank P. (See Anderson, C. E., and Perkins.)
Perkins, Frederick G., Bayonne, N. J. Toy car. 1,446,319; Feb. 20.
Perkins, Frederick S., Milwaukee, Wis. Submarine boat. 1,458,844; June 12.
Perkins, George S., assignor to National Equipment Company, Springfield, Mass. Confection-coating machine. 1,445,550; Feb. 13.
Perkins, Harry F., assignor to Rosanoff Process Company, Pittsburgh, Pa. Fractionation. 1,444,208; Feb. 6.
Perkins, Henry A., East Templeton, Mass. Vehicle brake. 1,451,630; Apr. 10.
Perkins, John, Liberty, Ind. Air control for drain tiles. 1,474,285; Nov. 13.
Perkins, Julian L., West Springfield, and H. D. Croft, Springfield, assignors to Perkins Appliance Company, Springfield, Mass. Rack-broaching machine. 1,468,393; Sept. 18.
Perkins, Julian L., West Springfield, F. W. Sickles and J. Oakley, assignors to Perkins Appliance Company, Springfield, Mass. Broach. 1,440,933; Jan. 2.
Perkins, Julian L., West Springfield, and H. D. Croft and F. W. Sickles, assignors to Perkins Appliance Company, Springfield, Mass. Machine for and method of broaching gears. 1,469,602; Oct. 2.
Perkins, Karl D. (See Karr, A. D., and Perkins.)
Perkins, Kenneth H., Redditch, England. Needle or style for gramophones and like machines. 1,478,795; Dec. 25.
Perkins, Laurence M., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Regeneration of alternating-current commutator motors. 1,440,490; Jan. 2.
Perkins, Mamie R. (See Perkins, Charles F., assignor.)
Perkins, Philip R., Columbus, Ohio. Drier. 1,474,940; Nov. 20.
Perkins, Philip R., Columbus, Ohio. Game. 1,476,175; Dec. 4.
Perkins, Richard E., Boston, Mass. Smoking pipe. 1,469,685; Oct. 2.
Perkins, Robert W., Norwich, Conn. Brake. 1,453,600; May 1.
Perkins, Thomas F., Atlanta, Tex. Toller. 1,471,349; Oct. 23.
Perkins, Thomas G., Seattle, Wash. Tree-sawing machine. 1,441,747; Jan. 9.
Perkins, Ulysses S., Lebanon, Ind. Brush-making machine. 1,455,932; May 22.

Alphabetical list of patentees—Continued.

Perks, Walter, St. Peters, near Sydney, D. S. Turner, and J. Williamson, Marrickville, near Sydney, assignors to Williamson Deburring Co. Limited, Sydney, New South Wales, Australia. Wool and hair burring machine. 1,472,308; Oct. 30.

Perkins, Walter G., London, England, assignor, by mesne assignments, to Metals Production Company of North America Incorporated, New York, N. Y. Treatment of complex sulphide ores. 1,478,295; Dec. 18.

Perky, Scott H., Keeseville, N. Y. Cereal cup. Des. 63,315; Nov. 20.

Perlick, Lee F., Los Angeles, Calif. Miter box. 1,471,003; Oct. 16.

Perlin, Jacob, Chicago, Ill. Automatic brake for motor vehicles. 1,448,977; Mar. 20.

Perlman, Louis H., New York, N. Y., assignor to General Motors Corporation. Rim. 1,478,528; Dec. 25.

Perlmann, Schal & Stern. (See Schüler, E. Otto, assignor.)

Perlmann, Schal & Stern. (See Schüler, Ernst O., assignor.)

Permanent Products Company. (See Jones, Harry B., assignor.)

Permutit Company, The. (See Applebaum, Samuel B., assignor).

Permutit Company, The. (See Duggan, Thomas R., assignor.)

Permutit Company, The. (See Spencer, Arthur C., assignor.)

Perna, Joseph, Philadelphia, Pa. Duplex sheet-pile driver. 1,451,922; Apr. 17.

Pernin, Théophile and J., dit G. Klotz, Paris, France. Haired and unhaired hide stretching, ensuppling, and trimming machine. 1,476,217; Dec. 4.

Pero, Bertram S., Schenectady, N. Y., assignor to General Electric Company. Speed control for machine tools and the like. 1,462,354; July 17.

Peron, Anthony, New York, N. Y. Liquid-dispensing device. 1,445,643; Feb. 20.

Perovich, Rade N., Washoe, Mont. Railway switch. 1,475,407; Nov. 27.

Perras, Harmidos, Dayville, Conn. Sewing machine. 1,470,932; Oct. 16.

Perrault, Joseph E., assignor to Hood Rubber Company, Watertown, Mass. Grinding machine. 1,453,175; Apr. 24.

Perrault, Joseph E., assignor to Hood Rubber Company, Watertown, Mass. Making acidproof containers. 1,454,687; May 8.

Perrault, Joseph E., assignor to Hood Rubber Company, Watertown, Mass. Bias-flap stock cutting and applying machine. 1,466,101; Aug. 28.

Perrault, Joseph E., assignor to Hood Rubber Company, Watertown, Mass. Binding-roller machine. 1,476,539; Dec. 4.

Perrault, Jules A., and W. A. Hitchcock, Boston, Mass. Combined phonograph and moving-picture cabinet. Des. 62,340; May 8.

Perrault, Oscar L., Albany, N. Y. Valve-actuating mechanism for internal-combustion engines. 1,471,861; Oct. 23.

Perrault, Rodolphe, Montreal, Quebec, Canada. Demountable rim for automobiles. 1,471,278; Oct. 16.

Perrier, Désiré, Nessonvaux-lez-Liege, Belgium. System of engagement and disengagement for belt transmissions. 1,443,273; Jan. 23.

Perrigo, Warren H., Arlington, Wash. Stand for velocipedes. 1,467,908; Sept. 11.

Perrin, Jesse F. (See Surbeck, H. L., and Perrin.)

Perrin, Norvin W., Chicago, Ill. Lamp shade. Des. 61,932; Feb. 13.

Perrine, Lester, Detroit, Mich. Compensating jaw for chucks and the like. 1,453,176; Apr. 24.

Perron, A. E. (See Goulet, Omer C., assignor.)

Perron, Alexander J., Sparta, Wis. Signal apparatus for motor vehicles. 1,454,184; May 8.

Perron, Gustave. (See Parolini, C., and Perron.)

Perry, Amos, San Francisco, Calif. Sign box. 1,446,103; Feb. 20.

Perry, Antone, assignor to Simplex Reboring Machine Company, Oakland, Calif. Cylinder-reboring device. 1,464,916; Aug. 14.

Perry, Ben G. (See Stone, J., and Perry.)

Perry, Cyril S. D., Port Arthur, Ontario, Canada. Boiler superheater. 1,453,638; May 1.

Perry, Earl R., Worcester, Mass. Concrete-form clamp. 1,472,436; Oct. 30.

Perry, Frederick H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. Y. Edge-trimming machine. 1,442,175; Jan. 16.

Perry, George E., Lincoln, Me. Belting. 1,459,690; June 19.

Perry, George E., Chicago, Ill. Apparatus for facilitating bacteriological propagation. 1,477,894; Dec. 18.

Perry, George R., Washington, D. C. Furniture-leveling device. 1,451,999; Apr. 17.

Perry, George R., assignor to Western Envelope Corporation, Brooklyn, N. Y. Locking-tongue envelope. 1,461,016; July 3.

Perry, Howard B. (See Eccleston, Latham H., assignor.)

Perry, Hubert M. (See Jenks, C. D., and Perry.)

Perry, James M., assignor of two-thirds to himself and one-third to H. G. Seitz, Detroit, Mich. Casting metals. 1,447,817; Mar. 6.

Perry, James M., assignor to himself and A. B. Hanson, Detroit, Mich. Rolling mill. 1,466,459; Aug. 28.

Perry, Nathan G., Los Angeles, Calif., and C. E. Hulting, Nogales, Ariz. Lifting jack. 1,475,864; Nov. 27.

Perry, Ray P., Upper Montclair, N. J., assignor to The Barrett Company. Strip shingle. 1,451,369; Apr. 10.

Perry, Robert S., New York, and P. W. Webster, Pelham Manor, assignors to Perry & Webster, Inc., New York, N. Y. Process and apparatus for fume control. 1,446,480; Feb. 27.

Perry, Robert S., Cave Spring, Ga., P. W. Webster, Pelham Manor, and V. K. Boynton, New York, N. Y., assignors to Perry & Webster Incorporated. Obtaining sulphur. 1,457,793; June 5.

Perry, Thomas O., Oak Park, Ill. Damper regulator. 1,446,481; Feb. 27.

Perry, Thomas O., Oak Park, Ill. Automatic motor switch. 1,473,441; Nov. 6.

Perry & Webster, Inc. (See Perry, R. S., and Webster, assignors.)

Perry & Webster Incorporated. (See Perry, R. S., Webster, and Boynton, assignors.)

Perry & Webster Incorporated. (See Webster, Paul W., assignor.)

Perry, William C., Kansas City, Mo. Motor fuel. 1,471,916; Oct. 23.

Perry, William H., San Diego, Calif. Drying apparatus. 1,446,580; Feb. 27.

Perry, William J., Toronto, Ontario, Canada. Pipe-casting machine. 1,467,496; Sept. 11.

Perry, William S., assignor to The Wopeco Machine Company, New Haven, Conn. Can opener. 1,442,734; Jan. 16.

Perry, William S., assignor to The Wopeco Machine Company, New Haven, Conn. Fruit tool. 1,477,662; Dec. 18.

Persch, John P., Houston, assignor of one-fifth to B. Tolles, Ho-ho-kus, Tex. Treating hydrocarbon oils. 1,453,479; May 1.

Persch, John P., Houston, Tex., assignor of one-fifth to B. Tolles, Hohokus, N. J. Process of and apparatus for treating hydrocarbon oils. 1,454,485; May 8.

Perse, Peter A., jr., Pueblo, Colo. Shade-roller fixture. 1,461,583; July 10.

Pershing, Olynthus H., Muncie, Ind. Meat cleaver and tenderer. 1,467,949; Sept. 11.

Pershing, Royal S., Fort Worth, Tex. Electric heater for oil wells and the like. 1,464,618; Aug. 14.

Persinger, Ashby, Springfield, Ohio. Wrench. 1,445,551; Feb. 13.

Person, Earl R., Leominster, Mass., assignor to Viscoloid Company. Machine for feeding and pointing hairpin blanks and the like. 1,476,416; Dec. 4.

Persons, Charles A. (See Williams, Charles S., assignor.)

Persons, William F., assignor to The Guide Motor Lamp Manufacturing Company, Cleveland, Ohio. Lamp-bulb-tilting device. 1,453,281; May 1.

Persson, Alf T., Chicago, Ill. Receptacle. 1,465,055; Aug. 14.

Persson, Martin A., Malmo, Sweden. Electric switch. 1,471,631; Oct. 23.

Perth Amboy Chemical Works. (See White, Lester M., assignor.)

Perth Amboy Chemical Works. (See White, L. M., and Fish, assignors.)

Pervier, William A., Allston, assignor to C. E. Parkhurst, Somerville, Mass. Syringe. 1,455,507; May 15.

Pescara, Raul P., Barcelona, Spain. Screw propeller of helicopter flying machines. 1,449,129; Mar. 20.

Pescara, Raul P., Barcelona, Spain. System of helicopter screws. 1,454,944; May 15.

Pescara, Raul P., Barcelona, Spain. Differential drive for helicopters. 1,456,399; May 22.

Pescara, Raul P., Barcelona, Spain. System of propellers with differential twist between the propellers for aircraft of the helicopter type. 1,467,648; Sept. 11.

Pessell, Robert C., Bath, England. Signaling apparatus. 1,461,402; July 10.

Pessotti, Peter P. (See Northrop, J., Kilburn, Pessotti, and Tucker.)

Pestel, Arthur, New York, N. Y. Tapping machine. 1,445,166; Feb. 13.

Pestel, Arthur, New York, N. Y. Strain-releasing mechanism. 1,449,054; Mar. 20.

Peter, Arnold H. (See Hitch, F. C., and Peter.)

Peterka, James V., Indiana Harbor, Ind. Regenerator. 1,452,216; Apr. 17.

Peterman, Charles L., York, Pa. Collapsible crate. 1,451,449; Apr. 10.

Peterman, Harry A. R., Chicago, Ill. Vacuum cleaner. 1,455,933; May 22.

Peterman, Solomon, Nevada, Iowa. Egg-turning attachment for incubators. 1,460,602; July 3.

Petermann, Otto. (See Harmon, E. L., and Petermann.)

Petermann, Otto, assignor to Corona Typewriter Company, Inc., Groton, N. Y. Typewriting machine. 1,461,734; July 17.

Peters, Alfred. (See Onnertz, P., and Peters.)

Peters, Alfred. (See Onnertz, P., Peters, and Schwartzel.)

Peters, Arthur E. (See Ditson, J., and Peters.)
Peters, Arthur E., near York, Pa. Chain-welding machine. 1,465,719; Aug. 21.
Peters, Arthur W., assignor to The Surface Combustion Co. Incorporated, New York, N. Y. Feeding mechanism. 1,466,029; Aug. 28.
Peters, Carl, Sherburn, Minn. Automatic door latch. 1,453,282; May 1.
Peters, Cornelius A., assignor, by mesne assignments, to Beeman Tractor Company, Minneapolis, Minn. Clutch-controlling means. 1,467,681; Sept. 11.
Peters, David F., St. Peter, Minn. Automobile signal. 1,473,683; Nov. 13.
Peters, F. O. (See Hungerford, Rolla D., assignor.)
Peters, Francis T., Decatur, Ill. Replaceable ladder rung. 1,460,680; July 3.
Peters, Francis T., Decatur, Ill. Ladder-scaffold bracket. 1,468,412; Sept. 18.
Peters, Frank A., Chicago, Ill. Drapery support. 1,464,619; Aug. 14.
Peters, Frank M., and W. H. Hungerford, assignors to Peters Machinery Company, Chicago, Ill. Coating mechanism. 1,440,624; Jan. 2.
Peters, Frank M., and W. H. Hungerford, assignors to Peters Machinery Company, Chicago, Ill. Label-attaching machine. 1,448,364; Mar. 13.
Peters, Frank M., and W. H. Hungerford, assignors to Peters Machinery Company, Chicago, Ill. Dough-sheeting apparatus. 1,455,120; May 15.
Peters, Frank M., and W. H. Hungerford, assignors to Peters Machinery Company, Chicago, Ill. Flat-icing machine. 1,460,825; July 3.
Peters, Frank M., and W. H. Hungerford, assignors to Peters Machinery Company, Chicago, Ill. Packaging apparatus. 1,465,481; Aug. 21.
Peters, Frank M., and W. H. Hungerford, assignors to Peters Machinery Company, Chicago, Ill. Carton-sealing apparatus. 1,478,836; Dec. 25.
Peters, Frank R., New York, N. Y., assignor to Franklin Railway Supply Company. Mounting for locomotive booster motors. 1,470,760; Oct. 16.
Peters, Frank R., New York, N. Y., assignor to Franklin Railway Supply Company. Locomotive booster motor-controlling mechanism. 1,470,761; Oct. 16.
Peters, Frederick, Newark, and W. Thiedge, Elizabeth, N. J. Clasp. 1,470,471; Oct. 9.
Peters, Frederick W., West Park, assignor to The Peters Machine & Manufacturing Company, Cleveland, Ohio. Universal joint. 1,440,890; Jan. 2.
Peters, G. D., & Company Limited. (See Robers, Percy, assignor.)
Peters, George T., Columbus, N. Mex. Method of and apparatus for supplying water to irrigation ditches. 1,466,956; Sept. 4.
Peters, Gustav, Worms, Germany. Manufacture of diphenylenediketones from anthracene compounds. 1,455,448; May 15.
Peters, Guy M., trustee. (See Hough, Earl B., assignor.)
Peters, Harry A., Victoria, British Columbia, Canada. Stamp-hinge applicator. 1,443,090; Jan. 23.
Peters, Henry W., Boston, Mass. Finger ring. Des. 61,921; Feb. 6.
Peters, Irvin D. (See Bierbauer, P., and Peters.)
Peters, John W., Roslyn, N. Y. Lawn mower. 1,461,323; July 10.
Peters, John W., Roslyn, N. Y. Lawn mower. 1,469,603; Oct. 2.
Peters, Karl R., Philadelphia, Pa. Motor vehicle. 1,461,735; July 17.
Peters, Leonard C., Providence, R. I. Means for reducing the capacity of fire boxes. 1,451,405; Apr. 10.
Peters, Ludwig F. (See Kramp, A. M., Peters, and Rathsack.)
Peters Machine & Manufacturing Company, The. (See Peters, Frederick W., assignor.)
Peters Machine and Manufacturing Company, The. (See Thiemer, William H., assignor.)
Peters Machinery Company. (See Peters, F. M., and Hungerford, assignors.)
Peters, Paul, Mullheim, Switzerland. Paint composition and manufacturing the same. 1,441,168; Jan. 2.
Peters, Rosa M., New York, N. Y. Head and socket fastener. 1,475,865; Nov. 27.
Peters, Stanley E., assignor, by mesne assignments, to Kritikson Bros., Inc., Chicago, Ill. Self-filling fountain pen. 1,459,073; June 19.
Peters, Thomas, Peters, Fla. Preparing fruits and vegetables for shipment. 1,450,866; Apr. 3.
Peters, Walter C., Graffham, Petworth, England. Lock nut. 1,457,455; June 5.
Peters, William A., jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Distillation apparatus. 1,466,411; Aug. 28.
Peters, William K., and A. Foster, Freeman, W. Va. Miner's kit. 1,478,296; Dec. 18.
Petersen, Albert O., Slater, Wyo. Weather strip for doors. 1,470,874; Oct. 16.
Petersen, Anker, Winthrop, Mass. Carrier-controlling device for braiding machines. 1,462,213; July 17.
Petersen, Anker, Winthrop, Mass. Braiding die. 1,469,530; Oct. 2.
Petersen, Anker, Winthrop, Mass. Bobbin stand for braiding machines. 1,472,492; Oct. 30.
Petersen, Casper L. M., Toronto, Ontario, Canada. Drying cabinet. 1,456,711; May 29.
Petersen, Christian, Christiania, Norway. Method for transforming the kinetic energy in gases into electrical energy and manner for utilizing the latter for carrying out gas reactions. 1,443,091; Jan. 23.
Petersen, Christine, Evanston, Ill. Corset closure. 1,464,217; Aug. 7.
Petersen, Frank H., assignor, by mesne assignments, of one-half to A. L. Weston, Denver, Colo. Tool holder. 1,442,234; Jan. 16.
Petersen, Frank H., and A. S. Weston, Denver, Colo. Combined crank-shaft-turning tool and automatically-reciprocating mechanism for supporting and operating the same. 1,462,979; July 24.
Petersen, Fred. (See Hultgreen, Frank F., assignor.)
Petersen, George E., Bristol, Pa. Antiglare device for lamps. 1,467,194; Sept. 4.
Petersen, Hans, Davenport, Iowa. Distributor mechanism for typographical machines. 1,440,934; Jan. 2.
Petersen, Hans P., assignor to Glent & Hassenkamm Ltd., Copenhagen, Denmark. Valve device for duplex pumps. 1,462,122; July 17.
Petersen, Henry, Mount Auburn, Iowa. Spring support for harrows, etc. 1,456,253; May 22.
Petersen, Laurence A., Hanna, Wyo. Silo staging. 1,447,818; Mar. 6.
Petersen, Magne H., Christiania, Norway. Copying telegraph. 1,468,542; Sept. 18.
Petersen, Paul W., Bay City, Mich. Method and apparatus for handling comestibles. Re15,683; Sept. 4.
Petersen, Peter A., assignor to Standard Oil Company, Whiting, Ind. Candle-supporting cup for candle bases. 1,474,910; Nov. 20.
Petersen, Peter E., deceased, Boston, Mass.; F. Leveroni, administrator. Artificial bait. 1,466,545; Aug. 28.
Petersen, Peter R., Salt Lake City, Utah, assignor to Coaster Company. Attachment for hand sleds. 1,456,335; May 22.
Petersén, Wilhelm H., Ludvika, Sweden. Retarding device for time switches. 1,473,971; Nov. 13.
Peterson, Alfred G. S., Los Angeles, Calif. Tiled sink and drain board. 1,453,945; May 1.
Peterson, Algot D., Alta, Iowa. Paper-bag holder. 1,473,640; Nov. 13.
Peterson, Andrew J. (See Patrick, H. E., Peterson, and Bermes.)
Peterson, Arvid, assignor to De Laval Steam Turbine Company, Trenton, N. J. Driving gear. 1,464,108; Aug. 7.
Peterson, Arvid, assignor to De Laval Steam Turbine Company, Trenton, N. J. Water turbine. 1,475,966; Dec. 4.
Peterson, Burt A., assignor, by mesne assignments, to Barber-Colman Company, Rockford, Ill. Means for locking yarn carriers upon their supports. 1,476,021; Dec. 4.
Peterson, Carl E., Bridgeport, Conn. Buckle. 1,449,189; Mar. 20.
Peterson, Charles C., Chicago, Ill. Razor strop and making the same. 1,440,411; Jan. 2.
Peterson, Christen J., Oak Park, Ill. Mat marking. 1,470,186; Oct. 9.
Peterson, Christen J., Chicago, Ill. Winding apparatus. 1,477,765; Dec. 18.
Peterson, Clarence N., Polk, Nebr. Hog oiler. 1,460,561; July 3.
Peterson, Clarence P., Brooklyn, N. Y. House number and step illuminator. 1,475,866; Nov. 27.
Peterson, Earl L., Corona, assignor to United Concrete Pipe Company, New York, N. Y. Concrete-pipe joint. 1,475,867; Nov. 27.
Peterson, Earl W., assignor of one-half to National Steel Door Co., Chicago, Ill. Metal door. 1,466,651; Aug. 28.
Peterson, Earl W., assignor of one-third to F. J. Le Beau and one-third to E. B. Thelin, Chicago, Ill. Metal door. 1,466,650; Aug. 28.
Peterson, Eddie A., Casper, Wyo. Tie plate. 1,441,297; Jan. 9.
Peterson, Edwin A., Madison, Wis., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,440,792; Jan. 2.
Peterson, Edwin A., Madison, Wis., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,463,535; July 31.
Peterson, Edwin A., Madison, Wis., assignor to V. Camarata, J. Codrick, and R. P. Danley, Philadelphia, Pa. Suction cleaner. 1,465,285; Aug. 21.
Peterson, Ernest A., Oakland, Calif. Pipe wrench. 1,451,084; Apr. 10.
Peterson, Eugene, New York, N. Y. Moving-picture machine. 1,466,750; Sept. 4.
Peterson, Gehard, Grand Forks, N. Dak. Sash holder and lock. 1,447,148; Feb. 27.
Peterson, George G., East Providence, R. I. Ice-cream cabinet. 1,465,027; Aug. 14.
Peterson, George M. (See Brown, R. R., and Peterson.)
Peterson, Gilbert E., Bismarck, N. Dak. Wheel straightener. 1,443,038; Jan. 23.
Peterson, Gust A., assignor to R. Malcom, Chicago, Ill. Lens-holding device for face shields. 1,472,134; Oct. 30.

Peterson, Gust W., Philadelphia, Pa., and J. P. Yenetis, Atlantic City, N. J. Garter construction. 1,475,868; Nov. 27.
Peterson, Gustaf. (See McGowan, C., Peterson, and Lund.)
Peterson, Henry, Hamilton, Mont. Agricultural implement. 1,463,485; July 31.
Peterson, Herman L. E., Rockford, Ill. Razor-blade holder. 1,469,604; Oct. 2.
Peterson, James S. (See Moore, Joseph D., assignor.)
Peterson, John, Faribault, Minn. Table. Des. 63,194; Oct. 30.
Peterson, John, Faribault, Minn. Lamp-shade holder. 1,473,380; Nov. 6.
Peterson, John A., Baltimore, Md. Means for opening grain doors of cars. 1,475,552; Nov. 27.
Peterson, John L., Grand Rapids, Mich. Curtain fastener. 1,471,570; Oct. 23.
Peterson, John W., Detroit, Mich., assignor to Detroit Pressed Steel Company. Flanged tube and attaching the same. 1,445,102; Feb. 13.
Peterson, John W., and F. L. Swanberg, assignors to The Richardson-Phenix Co., Milwaukee, Wis. Lubricating system and apparatus. 1,442,093; Jan. 16.
Peterson, Jonathan, assignor to Combination Machine Company, New York, N. Y. Dispensing pouch. 1,467,009; Sept. 4.
Peterson, Jonathan, Brooklyn, assignor to Combination Machine Company, New York, N. Y. Special package or container. 1,478,354; Dec. 18.
Peterson, Jonathan, Brooklyn, assignor to Combination Machine Company, New York, N. Y. Dispensing pouch or package. 1,478,355; Dec. 18.
Peterson, Jonathan, Brooklyn, N. Y., and J. C. Thom, Chicago, Ill., assignors to Combination Machine Company, New York, N. Y. Packaging mechanism. 1,478,056; Dec. 18.
Peterson, Leslie W. (See Concannon, T. G., and Peterson.)
Peterson, Marius A., Marcus Hook, Pa. Toilet kit. 1,459,602; June 19.
Peterson, Ole, Turner, Oreg. Plowshare. 1,447,883; Mar. 6.
Peterson, Oscar P. (See Anderson, J. O., and Peterson.)
Peterson, Otto T. (See Johnson, L. E., Peterson, and Popp.)
Peterson, Otto T., Malden, and E. C. Leach, West Peabody, assignors to Victor Shoe Machinery Company, Lynn, Mass. Presser-foot mechanism. 1,476,101; Dec. 4.
Peterson, Per D., Lidkoping, Sweden. Sparking plug. 1,468,031; Sept. 18.
Peterson, Peter A., Pocatello, Idaho. Anchor. 1,453,177; Apr. 24.
Peterson, Roy. (See Liggett, H. C., Peterson, and Liggett.)
Peterson, Rudolph, assignor to Kohler Die & Specialty Company, De Kalb, Ill. Roller skate. 1,444,703; Feb. 6.
Peterson, Simon. (See Johnson, E., and Peterson.)
Peterson, Theodore P., Wessington Springs, S. Dak. Spark plug. 1,477,715; Dec. 18.
Peterson, Walter C., assignor to Packard Motor Car Company, Detroit, Mich. Mechanism for testing piston rings. 1,457,933; June 5.
Peterson, Ward E., Oxford, N. C. Gradometer. 1,449,244; Mar. 20.
Peterson, William O., et al. (See Amberg, Walter E., assignor.)
Peterson, William S., Great Falls, Mont. Ring-turning device. 1,468,127; Sept. 18.
Peth, Charles H. (See Labus, O. A., and Peth.)
Peth, Herman W., Baltimore, Md. Pressing iron. 1,462,355; July 17.
Pethoud, Edouard, Lausanne, Switzerland. Sparking plug. 1,450,987; Apr. 10.
Petit, Adelor, J., jr., administrator. (See MacMichael, Ross F.)
Petit, Amédée, assignor to Societe Generale Agricole, Paris, France. Mixed-driving windlass vehicle for tilling purposes. 1,457,548; June 5.
Petit, Edward L., Moline, Ill. Vulcanizing tool. 1,465,364; Aug. 21.
Petitjean, Charles W., Union City, assignor to The Bristol Company, Waterbury, Conn. Hub cap for charts. 1,478,861; Dec. 25.
Petitjean, Clifford O. (See Wilcox, R. L., and Petitjean.)
Petitjean, Clifford O., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Transfer mechanism. 1,478,356; Dec. 18.
Petmecky, Fred, Austin, Tex. Radiator-repair composition. 1,467,065; Sept. 4.
Petrea, Frank K., and W. J. Jordan, Columbus, Ga. Bunch builder. 1,462,919; July 24.
Petrick Brothers. (See Dubois, Peter, assignor.)
Petrickó, Emrick, Chicago, Ill. Grass clippers. 1,449,438; Mar. 27.
Petrie, August J., assignor to Milwaukee Stamping Co., West Allis, Wis. Disk wheel. 1,457,456; June 5.
Petrie, Harry A., Harrisburg, Pa. Automatic stabilizer for aeroplanes. 1,475,869; Nov. 27.
Petrino, Sebastian L. (See Lalle, P. A., and Fowler, assignors.)
Petritsch, John F., Reno, Nev. Auxiliary pistol stock. 1,477,445; Dec. 11.
Petroff, Strashimir A., Trudeau, N. Y. Needle for collecting blood. 1,465,720; Aug. 21.
Petroleum Heat and Power Company. (See Brown, Francis H., assignor.)
Petroleum Heat and Power Company. (See Fesler, Milton A., assignor.)
Petroleum Recovery Corporation. (See Hogue, William J., assignor.)
Petroleum Rectifying Company. (See Harris, Ford W., assignor.)
Petroleum Rectifying Company. (See Land, Rector E., assignor.)
Petroleum Rectifying Company. (See Meredith, Wynn, assignor.)
Petroleum Rectifying Company of California. (See Eddy, Harold C., assignor.)
Petroleum Rectifying Company of California. (See Eddy, William O., assignor.)
Petroleum Rectifying Company of California. (See Harris, Ford W., assignor.)
Petroleum Research and By-Products Company. (See Berry, Harold R., assignor.)
Petroleum Sand Products Corporation. (See Schwarz, Alfred, assignor.)
Petronin, Charles H. (See Shaw, E. T., and Petronin.)
Petry, Jacob, Pittsburgh, Pa. Dental suction plate. 1,462,888; July 24.
Petry, Jacob, Pittsburgh, Pa. Denture. 1,463,968; Aug. 7.
Petry, Nicholas A., Philadelphia, Pa. Air pump. 1,453,178; Apr. 24.
Petry, Nicholas A., Philadelphia, Pa. Hose clamp. 1,464,335; Aug. 7.
Petry, Nicholas A., Philadelphia, Pa. Cut-out mechanism. 1,469,686; Oct. 2.
Petsche, Gustav B., Yonkers, N. Y. Rotary compressor. 1,440,891; Jan. 2.
Pettengill, Sylvester H., Rock Rapids, Iowa. Plastic-block-making machine. 1,472,399; Oct. 30.
Pettengill, Timothy H., Amsterdam, N. Y. Turbine. 1,473,513; Nov. 6.
Petter, Guy B., assignor to Petters, Limited, Somerset, England. Apparatus for electric heating of engines of the hot-bulb type before starting. 1,441,711; Jan. 9.
Petters, Limited. (See Petter, Guy B., assignor.)
Petterson, Edward W. (See Blewitt, M. A., and Petterson.)
Petterson, John. (See Johnsen, Wilhelm, assignor.)
Petterson, Per O. (See Fuller, H. L., Nesbit, and Petterson.)
Petterson, Per O., Malmo, Sweden. Kitchen-range water heater. 1,475,593; Nov. 27.
Pettersson, Johan G., Borgholm, Sweden. Fire protector for moving-picture machines. 1,459,551; June 19.
Petteys, Willard A., Lincoln, Nebr. Vehicle unloading apparatus. 1,444,704; Feb. 6.
Petteys, Willard A., Wilcox, Nebr. Motor-truck unloader. 1,465,146; Aug. 14.
Pettibone, Arthur D., Cleveland, assignor to The B. L. Marble Chair Company, Bedford, Ohio. Adjusting wheel for chair irons. Des. 62,960; Aug. 28.
Pettis, Clifton D., New York, N. Y. Casting mold. 1,455,353; May 15.
Pettis, Clifton D., New York, N. Y. Brake shoe. 1,470,472; Oct. 9.
Pettis, Clifton D., New York, N. Y. Brake shoe. 1,470,473; Oct. 9.
Pettis, Clifton D., New York, N. Y. Back for brake shoes. 1,470,474; Oct. 9.
Pettis, Clifton D., New York, N. Y. Brake shoe. 1,470,475; Oct. 9.
Pettis, Clifton D., New York, N. Y. Brake shoe. 1,470,476; Oct. 9.
Pettis, Clifton D., New York, N. Y. Brake shoe. 1,470,477; Oct. 9.
Pettis, Clifton D., New York, N. Y. Brake shoe. 1,470,478; Oct. 9.
Pettis, Clifton D., New York, N. Y. Brake shoe. 1,470,479; Oct. 9.
Pettis, Clifton D., New York, N. Y. Brake shoe. 1,470,480; Oct. 9.
Pettis, Edson S., Goldfield, Nev. Punched loose-leaf sheet. 1,443,092; Jan. 23.
Pettis, Edson S., Mill Valley, Calif. Decanting machine. 1,478,674; Dec. 25.
Pettit, George A., New Orleans, La. Lubricant gun. 1,467,649; Sept. 11.
Pettit, Julia R., Montclair, N. J., assignor to Huyler's, New York, N. Y. Candy novelty. 1,461,543; July 10.
Pettit, Ray, Fremont, Nebr. Riveting tool. 1,447,819; Mar. 6.
Petty, John, Lebanon, Pa. Desk file. 1,442,904; Jan. 23.
Petty, Le Roy L., Phoenix, Ariz., and P. E. Keller, Marion, Ohio. Spark plug. 1,457,389; June 5.
Petty, Thomas E., Washington, D. C. Bottle receptacle. 1,462,356; July 17.
Petzold, Julius A., assignor to Children's Bed Cover Fastener Company, Kansas City, Mo. Adjustable bed-cover fastener. 1,463,402; July 31.
Peycke, Armand H., assignor to American Steel Foundries, Chicago, Ill. Making fulcrums. 1,445,846; Feb. 20.

Peycke, Armand H., assignor to American Steel Foundries, Chicago, Ill. Brake mechanism. 1,459,745; June 26.
Peycke, Armand H., assignor to American Steel Foundries, Chicago, Ill. Brake mechanism. 1,466,478; Aug. 28.
Peyer, Emil, Wangen, assignor to the Firm Walder & Co., Brutisellen, Zurich, Switzerland. Device for inserting screws. 1,457,457; June 5.
Peyer, John. (See McGuckin, J. J., and Peyer.)
Peyer, Rudolf, St. Gallen, Switzerland. Device for storing and displaying smokers' articles. 1,452,700; Apr. 24.
Peyree, John, Salem, Oreg. Combined shock absorber and oiling attachment for vehicle springs. 1,460,498; July 3.
Peyron, Julius J. (See Ryan, Michael H., assignor.)
Pfaff, Ernest C. (See Renner, F. K., and Pfaff.)
Pfaff, Ernest C., Chicago, Ill. Automobile spotlight. 1,475,870; Nov 27.
Pfaffenberger, Oliver P. M., Indianapolis, Ind. Liquid-measuring device. 1,463,591; July 31.
Pfahl, Edward G., Rochester, and J. A. Pfahl, Greece, N. Y. Means for feeding vinegar stock into vinegar generator. 1,468,394; Sept. 18.
Pfahl, Julius A. (See Pfahl, Edward G. and J. A.)
Pfaltzgraff, Hattie M., Atlantic City, N. J. Abdominal support. 1,469,687; Oct. 2.
Pfander, Walter F., Yonkers, N. Y., assignor to Durant Motors Incorporated. Headlamp support. 1,468,032; Sept. 18.
Pfander, Walter F., Yonkers, N. Y., assignor to Durant Motors Incorporated. Brake-adjusting means. 1,468,033; Sept. 18.
Pfannenschmidt, Paul L., Jena, Germany. Acid receiver. 1,454,945; May 15.
Pfanstiehl, Carl, assignor to Special Chemicals Company, Highland Park, Ill. Tooth-cleaning preparation. 1,445,351; Feb. 13.
Pfanstiehl, Carl, assignor to Special Chemicals Company, Highland Park, Ill. Tooth-cleaning preparation. 1,445,352; Feb. 13.
Pfanstiehl, Carl, assignor to Special Chemicals Company, Highland Park, Ill. Tooth-cleaning preparation. Re15,691; Sept. 25.
Pfanstiehl, Carl, Highland Park, assignor to Fansteel Products Co. Inc., North Chicago, Ill. Making valves. 1,445,411; Feb. 13.
Pfanstiehl, Carl, Highland Park, Ill., assignor to Pfanstiehl Radio Service Co. Dial adjuster. 1,477,185; Dec. 11.
Pfanstiehl Radio Service Co. (See Pfanstiehl, Carl, assignor.)
Pfau, Robert F., Willmar, Minn. Direction-signal. 1,472,671; Oct. 30.
Pfaudler Company, The. (See Colvin, Isaac E., assignor.)
Pfeffer, Anthony P., Detroit, Mich. Transmission band. 1,461,286; July 10.
Pfeffer, Jacob, Waterloo, Iowa. Pie cabinet. 1,444,268; Feb. 6.
Pfeffer, Oscar W., assignor to Busch-Sulzer Bros.-Diesel Engine Co., St. Louis, Mo. Means for checking the wear of shaft bearings. 1,452,571; Apr. 24.
Pfeifer, Bernard R., Jessie, assignor to The Pfeifer Straw Gas Producer Company, Fargo, N. Dak. Apparatus for destructively distilling vegetable material. 1,449,544; Mar. 27.
Pfeifer, Frank, Minneapolis, Minn. Cracking furnace. 1,466,511; Aug. 28.
Pfeifer, Frank A., and C. Naab, Newark; said Naab assignor to T. Mills, Maplewood, N. J. Game apparatus or amusement device. 1,462,179; July 17.
Pfeifer, John, assignor to The Springfield Auto Lock Company, Springfield, Ohio. Permutation locking mechanism for gear-shifting levers. 1,452,652; Apr. 24.
Pfeifer Straw Gas Producer Company. (See Pfeifer, Bernard R., assignor.)
Pfeiffer, Charles G., assignor to Specialty Engineering Company, Philadelphia, Pa. Chain conveyer. 1,442,292; Jan. 16.
Pfeiffer, Charles G., assignor to Specialty Engineering Company, Philadelphia, Pa. Troughing idler for conveyer belts. 1,446,270; Feb. 20.
Pfeiffer, Ernest, St. Louis, Mo. Bracket and attachment to raise and lower curtain poles. 1,447,149; Feb. 27.
Pfeiffer, Fred B., Akron, Ohio. Tire. 1,452,217; Apr. 17.
Pfeiffer, Fred B., Akron, Ohio. Tire construction. 1,461,984; July 17.
Pfeiffer, Fred B., Akron, Ohio, assignor to The Star Rubber Company, Inc. Tire casing. 1,442,293; Jan. 16.
Pfeiffer, Jacob. (See Rohdiek, John, assignor.)
Pfeiffer, John F., administrator. (See Dickhart, William, assignor.)
Pfeiffer, Oswald, Leipzig, Germany. Apparatus for drying material. 1,462,621; July 24.
Pfeil, Elmer C., Fostoria, Ohio, assignor to Central Railway Signal Company, Pittsburgh, Pa. Composition for railway signal fusees. 1,441,878; Jan. 9.
Pfeil, Frank L. H. (See Steigerwald, E., and Pfeil.)
Pfendner, John, assignor to S. Rusnak, Chicago, Ill. Combined davenport and bed. 1,466,957; Sept. 4.
Pfenninger, Ernst, Odell, Ill. Adjustment for embroidering-machine needles. 1,465,526; Aug. 21.
Pferrer, Martin P., et al. (See Gray, Joseph M., assignor.)
Pfersch, Clarence L., Barberton, Ohio, assignor to The Diamond Match Company, Chicago, Ill. Book match. 1,459,033; June 19.
Pfiffner, Emil, Frybourg, Switzerland. High-tension condenser. 1,461,287; July 10.
Pfister, Henry C., Great Falls, Mont. Arch support. 1,477,383; Dec. 11.
Pfister, Theophil, assignor to Tapestrelle Corporation, New York, N. Y. Ornamentation. 1,463,836; Aug. 7.
Pfister & Vogel Leather Company. (See Hubert, Edwin F., assignor.)
Pflager, Charles W., Chicago, Ill. Car diaphragm. 1,450,007; Mar. 27.
Pflager, Harry M., assignor to Commonwealth Steel Car Company, St. Louis, Mo. Articulated car underframe. 1,452,525; Apr. 24.
Pflager, Harry M., assignor to Commonwealth Steel Company, St. Louis, Mo. Articulated car. 1,452,526; Apr. 24.
Pflager, Harry M., assignor to Commonwealth Steel Company, St. Louis, Mo. Articulated car. 1,459,250; June 19.
Pflager, Harry M., assignor to Commonwealth Steel Company, St. Louis, Mo. Transom draft gear. 1,467,682; Sept. 11.
Pflager, Harry M., assignor to Commonwealth Steel Company, St. Louis, Mo. Six-wheel car truck. 1,467,683; Sept. 11.
Pflager, Harry M., assignor to Commonwealth Steel Company, St. Louis, Mo. Six-wheel car truck. 1,467,684; Sept. 11.
Pflager, Harry M., assignor to Cast Steel Pilot Company, St. Louis, Mo. Pilot. 1,478,249; Dec. 18.
Pflantzer, Abraham, New York, N. Y. Dental fountain cuspidor. Des. 62,850; Aug. 7.
Pflanze, Charles F., St. Louis, Mo. Web-severing device. 1,459,746; June 26.
Pflanze, Charles F., St. Louis, Mo. Machine for making window envelopes. 1,462,149; July 17.
Pfleager, Roscoe C., assignor to B. F. Klein, Cleveland, Ohio. Lighting fixture. Des. 62,582; June 26.
Pfleager, Roscoe C., assignor to B. F. Klein, Cleveland, Ohio. Lighting fixture. Des. 62,583; June 26.
Pfleager, Roscoe C., assignor to B. F. Klein, Cleveland, Ohio. Lighting fixture. Des. 62,584; June 26.
Pfleager, Roscoe C., assignor to B. F. Klein, Cleveland, Ohio. Lighting fixture. Des. 62,585; June 26.
Pfleager, Roscoe C., assignor to B. F. Kleim, Cleveland, Ohio. Lighting fixture. Des. 62,586; June 26.
Pfleager, Roscoe C., assignor to B. F. Klein, Cleveland, Ohio. Lighting fixture. Des. 62,587; June 26.
Pfleager, Roscoe C., assignor to B. F. Klein, Cleveland, Ohio. Lighting fixture. Des. 62,588; June 19..
Pfleager, Roscoe C., assignor to B. F. Klein, Cleveland, Ohio. Lighting fixture. Des. 62,642; July 10.
Pfleager, Roscoe C., assignor to B. F. Klein, Cleveland, Ohio. Lighting fixture. Des. 62,643; July 10.
Pfleager, Roscoe C., assignor to B. F. Klein, Cleveland, Ohio. Lighting fixture. Des. 62,644; July 10.
Pfleager, Roscoe C., assignor to B. F. Klein, Cleveland, Ohio. Lighting fixture. Des. 62,645; July 10.
Pfleager, Roscoe C., assignor to B. F. Klein, Cleveland, Ohio. Lighting fixture. Des. 62,743; July 24.
Pfleger, Gustav, Bridgeton, N. J. Faucet. 1,467,450; Sept. 11.
Pflittner, Charles C., Barton, Wis. Shock absorber. 1,455,121; May 15.
Pfluger, Frank X., Portland, Oreg. Wooden tub. 1,453,994; May 1.
Pfous, Frank, assignor to The H. D. Beach Company, Coschocton, Ohio. Rocking safety-match holder. Des. 63,121; Oct. 9.
Pfous, Frank, Coshocton, Ohio, assignor to American Lead Pencil Company, New York, N. Y. Display cabinet. Des. 63,236; Nov. 6.
Pfouts, Leroy S., assignor, by mesne assignments, to The H. H. Miller Industries Company, Canton, Ohio. Ice-cream freezer. 1,449,623; Mar. 27.
Pfrunder, Xaver, Wohlen, Switzerland. Braiding machine. 1,476,639; Dec. 4.
Pfund, August H., Baltimore, Md. Determining the hiding power of paints and pigments. 1,468,075; Sept. 18.
Phaneuf, Toussaint, Washington, D. C. Resilient tire. 1,475,140; Nov. 20.
Pharis, Carl, Newark, Ohio, assignor to The Western Auto Supply Company. Tire. Des. 63,316; Nov. 20.
Pharis, Carl, assignor to The Pharis Tire and Rubber Co., Newark, Ohio. Tire. Des. 63,317; Nov. 20.
Pharis Tire and Rubber Co., The. (See Pharis, Carl, assignor.)
Pharo, Harry A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Adjustable trolley-frog device. 1,478,057; Dec. 18.
Pharr, E. A., et al. (See Reed, Warren B., assignor.)
Phelan, Edward J., Los Angeles, Calif. Combination concrete wall board and studding. 1,462,622; July 24.
Phelan, Eugene R., assignor of one-half to F. S. Dickinson, New York, N. Y. Golf club. 1,465,056; Aug. 14.
Phelan, Hazel, executrix. (See Gould, Augustus W.)

Alphabetical list of patentees—Continued.

Phelan, John J., Weehawken, N. J. Garment closure. 1,472,340; Oct. 30.
Phelan, Louis A. M., Chicago, Ill. Switch. 1,471,199; Oct. 16.
Phelps, Byron, assignor of one-half to A. L. Brand, Seattle, Wash. Box tongs. 1,460,730; July 3.
Phelps Dodge Corporation. (See Payton, Calvin, assignor.)
Phelps Dodge Corporation. (See Stout, Harry H., assignor.)
Phelps, Erastus R., Highland Park, Ill., assignor to American Lithographic Company, New York, N. Y. Folding display device. 1,440,839; Jan. 2.
Phelps, Frank, Little Rock, Ark., assignor to L. C. Barnett, Duluth, Minn. Centrifugal fan. 1,453,055; Apr. 24.
Phelps, George H., Warehouse Point, Conn., assignor to T. E. Murray, Brooklyn, N. Y. Forming cam shafts and the like. 1,448,862; Mar. 20.
Phelps, Harry E., assignor to C. Kenyon Company, Inc., Brooklyn, N. Y. Tire tread. Des. 63,489. Dec. 11.
Phelps, James W., Chicago, Ill. Thermodynamic switch. 1,476,022; Dec. 4.
Phelps, Joseph, North Caldwell, N. J., assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,444,385; Feb. 6.
Phelps Manufacturing Company. (See Phelps, Morton F., assignor.)
Phelps, McKinney, Redlands, Calif. Computing attachment for scales. 1,466,807; Sept. 4.
Phelps, Morton F., assignor to Phelps Manufacturing Company, Little Rock, Ark. Machine for feeding and distributing containers. 1,476,023; Dec. 4.
Phelps, Philip M. M. (See Allen, E. E., and Phelps.)
Phelps, Roscoe G., Cleveland, Ohio, assignor to General Electric Company. Sorting machine. 1,443,193; Jan. 23.
Phelps, Sebring I., Rockford, Ill. Electric heater. 1,473,865; Nov. 13.
Phelps, Sebring I., Rockford, Ill. Electrical heating unit. 1,473,866; Nov. 13.
Phelps, Sebring I., Rockford, Ill. Electric heater. 1,473,867; Nov. 13.
Phelps, Spencer H., assignor, by mesne assignments, to Beeman Tractor Company, Minneapolis, Minn. Traction wheel. 1,442,583; Jan. 16.
Phelps, Spencer H., assignor, by mesne assignments, to Beeman Tractor Company, Minneapolis, Minn. Shifting strap for agricultural implements. 1,467,685; Sept. 11.
Phelps, Spencer H., assignor to Blount Plow Works, Evansville, Ind. Depth gauge for disk harrows. 1,442,700; Jan. 16.
Phelps, Stephen B., Pittsburgh, Pa. Dowel pin and cup for mounting patterns. 1,471,978; Oct. 23.
Phelps, Theophilus I., Woodville, N. C. Peanut picker. 1,462,123; July 17.
Phelps, Walter H., assignor of one-half to R. Click, Portsmouth, Ohio. Polish and making it. 1,445,034; Feb. 13.
Phenix Cheese Company. (See Eldredge, Elmer E., assignor.)
Philadelphia Bronze Bearing & Tube Company. (See Small, George A., assignor.)
Philadelphia Drying Machinery Company. (See Allsop, T., and Sibson, assignors.)
Philadelphia Drying Machinery Company, The. (See Parkes, Bertrand A., assignor.)
Philadelphia Metal Drying Form Company. (See Reeps, Leroy W., assignor.)
Philadelphia Quartz Company. (See Stericker, William, assignor.)
Philadelphia Storage Battery Company. (See Holland, Walter E., assignor.)
Philadelphia Storage Battery Company. (See Holland, W. E., and Pearson, assignors.)
Philadelphia Storage Battery Company. (See Holland, W. E., and Skinner, assignors.)
Philadelphia Textile Machinery Company, The. (See Ayres, Elwood B., assignor.)
Philadelphia Textile Machinery Company, The. (See Schwartz, W. M., and Bogaty, assignors.)
Philbrook, Ralph W., Sherman, Calif. Clamp for stopping leaks on pipes. 1,474,550; Nov. 20.
Phil-Har-Chee Piano Player Corporation. (See Cheek, Tolbert F., assignor.)
Philip Carey Manufacturing Company, The. (See Pater, Carl J., assignor.)
Philip, Charles W., San Francisco, Calif. Internal-combustion engine and parts thereof. 1,462,654; July 24.
Philip, Charles W., San Francisco, Calif. Piston and manufacturing the same. 1,462,655; July 24.
Philip, Charles W., San Francisco, Calif. Internal-combustion engine. 1,467,497; Sept. 11.
Philip, Peter C., Bowlus, Minn. Cream separator. 1,472,085; Oct. 30.
Philipon, Henri J. F., Bellegarde-en-Forez, France. Heat regenerator. 1,464,580; Aug. 14.
Philippe, Florent, sr., South Charleston, W. Va. Rapid towel hanger. 1,478,911; Dec. 25.
Philippe, Louis, New York, N. Y. Perfume bottle. Des. 63,433; Dec. 4.
Philippe, Louis, New York, N. Y. Perfume bottle. Des. 63,434; Dec. 4.
Philippi, Jacob, New York, N. Y., assignor of one-half to J. Minck, West Hoboken, N. J. Carbonating machine. 1,447,884; Mar. 6.
Philips, Hans A., Stratford, Conn., assignor to The American Fabrics Company. Lace. Des. 63,157; Oct. 23.
Philips, William D., Brooklyn, N. Y. Magnetic drying apparatus. 1,453,022; Apr. 24.
Philips, William E., Cleveland, Ohio. Belt conveyer. 1,447,264; Mar. 6.
Philipson and Company Limited. (See Webster, Norman, assignor.)
Phillippe, Emil, assignor to G. A. Duerler Mfg. Company, San Antonio, Tex. Feeding mechanism for nut-cracking machines. 1,440,744; Jan. 2.
Phillips, Annette T., Goshen, N. Y. Shoe-heel protector. 1,442,028; Jan. 9.
Phillips, Archie Y., and C. Thompson, La Crosse, Wis. Refrigerator. 1,474,847; Nov. 20.
Phillips, Benjamin, Cincinnati, Ohio. Ice can. 1,446,394; Feb. 20.
Phillips, Charles, jr., Philadelphia, Pa. Binding post. 1,469,107; Sept. 25.
Phillips, Charles, sr., Bolivar, N. Y. Working valve for oil-well pumps. 1,469,106; Sept. 25.
Phillips, Charles H., Malden, Mass. Flushing mechanism. 1,449,439; Mar. 27.
Phillips & Clark Stove Co. (See De Vries, John, assignor.)
Phillips, Darius T., Chicago, Ill. Grain bin. 1,443,500; Jan. 30.
Phillips, Darius T., assignor of one-half to C. G. Williams, Chicago, Ill. Corn harvester and shocker. 1,452,929; Apr. 24.
Phillips, Edna G. (See Phillips, William E. and E. G., and Thomson.)
Phillips, Elaine H. (See de Lipski, Nicholas V., assignor.)
Phillips, Elaine H., and N. V. de Lipski, New York, N. Y. Shaving brush. 1,455,656; May 15.
Phillips, Ellis J. G., assignor to Richards-Wilcox Manufacturing Company, Aurora, Ill. Sliding door and track therefor. 1,462,302; July 17.
Phillips, Francis H., Old Westbury, N. Y. Animal trap. 1,475,871; Nov. 27.
Phillips, George E., Baden, assignor to National Metal Molding Company, Pittsburgh, Pa. Manufacture of flexible metallic tubing, armored cable, and like products. 1,471,057; Oct. 16.
Phillips, George F. (See Allen, E. C., and Phillips.)
Phillips, George W., Regina, Saskatchewan, Canada. Sawfiling rig. 1,475,351; Nov. 27.
Phillips, Gordon, and P. Hanlon, assignors of one-third to E. H. Figley, Detroit, Mich. Painter's mask. 1,464,883; Aug. 14.
Phillips, Harley R. (See Mojonnier, J. J., and Phillips.)
Phillips, Harry C., Mount Vernon, N. Y. Operating and locking means for doors and windows. 1,477,075; Dec. 11.
Phillips, Harry I., assignor to Scovill Manufacturing Company, Waterbury, Conn. Curtain fastener. 1,474,208; Nov. 13.
Phillips, James E., New York, N. Y. Dumb-waiter lock. 1,470,541; Oct. 9.
Phillips, James J. (See Hammond, Robert O., assignor.)
Phillips, John F., assignor, by mesne assignments, of forty-five one-hundredths to C. P. Oudin, Spokane, Wash. Lathing. 1,442,029; Jan. 9.
Phillips, John H., Chicago, Ill. Expansion shell. 1,449,624; Mar. 27.
Phillips, John H., Chicago, Ill. Self-drilling anchoring device. 1,449,625; Mar. 27.
Phillips, John H., Chicago, Ill. Tubular drill. 1,467,451; Sept. 11.
Phillips, John T., Lafayette, Ala. Flower or lamp stand. Des. 63,582; Dec. 18.
Phillips, Julius, assignor to The Luzerne Rubber Company, Trenton, N. J. Hard-rubber flush ball for water-closet tanks. 1,474,286; Nov. 13.
Phillips, Leonard D., Eagle Point, Wis. Wrench. 1,471,200; Oct. 16.
Phillips, Lewis. (See Swindell, W. H., and Phillips.)
Phillips, Marion. (See Dibble, C. W., and Phillips.)
Phillips, Martin. (See Arsenault, R., Phillips, and Duchesneau.)
Phillips, Max, Evansville, Wis., and G. H. Mains, Detroit, Mich. Product made from furfural and making same. 1,441,598; Jan. 9.
Phillips, Paul D. (See Benjamin, R. B., and Phillips.)
Phillips, Percy G., New York, N. Y. Sleeve holder and the like. 1,445,798; Feb. 20.
Phillips, Robert A., Taylorville, Ill. Douche seat. 1,478,794; Dec. 25.
Phillips, Walter W., London, England. Heel pad for a boot or shoe. Des. 62,341; May 8.
Phillips, Walter W., London, England. Heel pad for a boot or shoe. Des. 62,342; May 8.
Phillips, Wilber A., Muskegon, Mich. Thermometer. 1,456,400; May 22.
Phillips, Will H., Chicago, Ill., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Condensing system. 1,475,242; Nov. 27.

Phillips, William E. and E. G., Vallejo, and A. R. Thomson, San Francisco, Calif. Hair waver. 1,476,176; Dec. 4.
Phillips, William S., Cameron, W. Va. Table and chair structure. 1,473,736; Nov. 13.
Phimister, Milton E., Green Bay, Wis. Automatic stop for motion-picture machines. 1,476,006; Dec. 4.
Phinney, Elisha A., Pawtucket, R. I. Separable button. 1,454,857; May 15.
Phinney, Mabel L., Fergus Falls, Minn. Doll. Des. 62,410; May 22.
Phipps, Charles T., Saltville, Va. Throttle-operating mechanism for locomotives. 1,464,774; Aug. 14.
Phister, Albert B., Fort Thomas, Ky., assignor to The Phister Manufacturing Company, Cincinnati, Ohio. Fire extinguisher. 1,467,980; Sept. 11.
Phister Manufacturing Company, The. (See Phister, Albert B., assignor.)
Phleger, John B., Dayton, Ohio. Vehicle signal. 1,453,179; Apr. 24.
Phoemco Limited. (See Boll, William H. P., assignor.)
Phoenix Hermetic Company. (See Taliaferro, Thomas L., assignor.)
Phoenix Hosiery Company. (See Reudt, Julius C., assignor.)
Phoenix Knitting Works. (See Breyer, Robert, assignor.)
Phoenix Light Company. (See Pike, Edwin B., assignor.)
Phoenix Sprinkler Company. (See Atkins, Charles H., assignor.)
Phoenix Trimming Company. (See Neff, August E., assignor.)
Phonoharp Company, The. (See Nobbs, George H., assignor.)
Photoplast Corporation of America, The. (See Schneider, Charles E. R., assignor.)
Photostat Corporation. (See Greene, John S., assignor.)
Piana, Vittorio, Turin, Italy. Apparatus for the carbonization of woolen rags, combings, and the like. 1,448,038; Mar. 13.
Pianko, Mendel, Chicago, Ill. Antifriction belt dressing. 1,472,400; Oct. 30.
Piaser, Abraham, Elmhurst, assignor to Rosenwasser Bros., Inc., Astoria, N. Y. Nail-extracting apparatus. 1,462,045; July 17.
Piaser, Abraham, Elmhurst, assignor to Rosenwasser Bros. Inc., Astoria, Long Island, N. Y. Safety device for power presses. 1,471,350; Oct. 23.
Piaszek, Ferdinand, Saginaw, Mich. Lens. Des. 62,803; July 31.
Piatt, Charles D., Kansas City, Mo. Display device. 1,473,313; Nov. 6.
Piatt, Walter J., Oakland, Calif. Rotary pump. 1,444,269; Feb. 6.
Picard, Albert C. (See Springer, W. J., and Picard.)
Picard, Arthur P., Paris, France. Cover for utensils. 1,441,712; Jan. 9.
Picard, Charles H., San Francisco, Calif. Oil burner. 1,441,629; Jan. 9.
Piccione, Angelo, Buffalo, N. Y. Lathering device. 1,448,674; Mar. 13.
Picciotti, Michele, Paterson, N. J. Clock mechanism. 1,472,532; Oct. 30.
Pichler, Stephen, Detroit, Mich. Testing device. 1,463,440; July 31.
Pick, Albert, & Company. (See Kellogg, Edmund P., assignor.)
Pick, Albert, & Company. (See Pick, Hugo, assignor.)
Pick, Hugo, assignor to Albert Pick & Company, Chicago, Ill. Drinking straw. 1,466,185; Aug. 28.
Pickard, Birtrun L., Los Angeles, Calif. Adhesive paste. 1,463,403; July 31.
Pickard, Fred. (See Pickard, Oliver J. and F.)
Pickard, Greenleaf W., Newton Center, assignor to Wireless Specialty Apparatus Company, Boston, Mass. Interference preventer. 1,460,439; July 3.
Pickard, Greenleaf W., Newton Center, assignor to Wireless Specialty Apparatus Company, Boston, Mass. Reed telephone receiving. 1,472,341; Oct. 30.
Pickard, Greenleaf W., Newton Center, assignor to Wireless Specialty Apparatus Company, Boston, Mass. Electromagnetic compass. 1,472,342; Oct. 30.
Pickard, Greenleaf W., Newton Center, Mass., and J. Barth, New York, N. Y., assignors to Wireless Specialty Apparatus Company, Boston, Mass. Optical selection of split mica sheets. 1,476,102; Dec. 4.
Pickard, John H., Rochdale, England. Adjustable wrench. 1,441,372; Jan. 9.
Pickard, Oliver J. and F., assignors to Joseph Pickard's Sons, Philadelphia, Pa. Wire head for looms. 1,462,920; July 24.
Pickard, Winford D., Norman, Okla. Shade attachment. 1,458,845; June 12.
Pickard's, Joseph, Sons. (See Pickard, Oliver J. and F., assignors.)
Pickell, William C., Highland Park, Mich. Manufacture of rolled wrapping paper. 1,477,588; Dec. 18.
Pickens, Davis A., Jackson, Miss. Switch lug. 1,457,266; May 29.
Pickering, Samuel A., et al. (See Stroh, Henry N., assignor.)
Pickford, Edward F., et al. (See Seabolt, Frank J., assignor.)
Pickin, Rowland O., Los Angeles, Calif. Rotary drill bit. 1,471,526; Oct. 23.
Picking, William T. (See Grosvenor, J. E., and Picking.)
Picklo, Valentine, assignor of one-half to G. Walat, Johnstown, Pa. Car coupling. 1,453,404; May 1.
Pickop, George B., New Haven, assignor to The Malleable Iron Fittings Company, Branford, Conn. Container cap. 1,447,320; Mar. 6.
Pickop, George B., New Haven, assignor to The Malleable Iron Fittings Company, Branford, Conn. Tumbling barrel. 1,460,731; July 3.
Pickop, George B., New Haven, Conn., assignor to Malleable Iron Fittings Company, Branford, Conn. Fruit press. 1,465,558; Aug. 21.
Pickop, George B., New Haven, Conn., assignor to The Malleable Iron Fittings Company, Bradford, Conn. Spraying device. 1,466,247; Aug. 28.
Pickup, George E., assignor to The Wehrle Company, Newark, Ohio. Gas range. 1,458,196; June 12.
Pickup, George E., assignor to The Wehrle Company, Newark, Ohio. Gas cock. 1,459,416; June 19.
Picot, Georges-Valentin, Paris, France. Machine for making bricks, tiles, and other building materials. 1,461,159; July 10.
Pictorial Soap Manufacturing Corporation. (See Dostal, George A., assignor.)
Pictures Development Co., The. (See Bulask, Francis J., assignor.)
Pictures Development Co., The. (See Whitmore, Edson G., assignor.)
Pidgeon, Andrew D., Chicago, Ill. Shock absorber for automobiles. 1,463,660; July 31.
Pidgeon, Andrew J., St. Ferdinand of Halifax, Quebec, Canada. Automobile sleigh. 1,466,546; Aug. 28.
Pidgeon, Clifford H., Columbus, Ohio. Hydrocarbon burner. 1,466,186; Aug. 28.
Pidlyski, Dmytro, Amsterdam, N. Y. Combination lock. 1,448,707; Mar. 13.
Piédallu, André M. P. R., Sevres, France. Fuel burner. 1,475,553; Nov. 27.
Piel, Paul M., Lake Parlin, Me. Roof and wall construction. 1,458,498; June 12.
Pieper, Alphonse F. (See Pieper, Oscar H. and A. F.)
Pieper, Chester R., La Crosse, Wis. Hair net. 1,467,559; Sept. 11.
Pieper, Henri, Liege, assignor to Constructions Electriques de Belgique Societe Anonyme, Brussels, Belgium. Electric locomotive. 1,468,920; Sept. 25.
Pieper, Herman B., Davenport, Iowa. Dynamometer. 1,476,919; Dec. 11.
Pieper, Nicolas, Liege, Belgium. Disjointing device for automatic pistols. 1,452,000; Apr. 17.
Pieper, Oscar H. and A. F., Rochester, N. Y. Dental appliance unit. 1,462,656; July 24.
Pierce, Alfred L., Wallingford, Conn. Cut-out box. 1,462,124; July 17.
Pierce, Bernard L., Des Moines, Iowa. Drawing instrument. 1,440,625; Jan. 2.
Pierce, Burt N., Boston, Mass. Carburetor. 1,448,863; Mar. 20.
Pierce, Burt N., Boston, Mass. Carburetor. 1,472,615; Oct. 30.
Pierce, Butler & Pierce Mfg. Corp. (See Letsch, Eugene, assignor.)
Pierce, Charles W., South Duxbury, Mass., assignor of one-half to C. Driscoll, Brockton, Mass. Leather-finishing machine. 1,458,846; June 12.
Pierce, Clarence A., Lowell, Mass. Spinning frame. 1,459,251; June 19.
Pierce, E. Ralph, Rochester, assignor to Monarch Governor Company, Detroit, Mich. Speed governor for internal-combustion engines. 1,461,933; July 17.
Pierce, Edward, West Burlington, Iowa. Locomotive stoker. 1,478,395; Dec. 25.
Pierce, Elizabeth C., New York, N. Y. Hat-supporting device. 1,447,602; Mar. 6.
Pierce, Frank M., assignor to Pierce Wrapping Machine Company, Chicago, Ill. Wrapping and unwrapping machine. 1,451,051; Apr. 10.
Pierce, Frederic E. (See Chase, M. F., Pierce, and Skogmark.)
Pierce Fuse Corporation. (See Candee, B. C., and Pierce, assignors.)
Pierce Fuse Corporation. (See Pierce, W. N., and Candee, assignors.)
Pierce, George A., Philadelphia, Pa. Signaling system. 1,475,594; Nov. 27.
Pierce, George L. (See Benoit, W. J., and Pierce.)
Pierce, George W., assignor to Pierce Governor Co., Anderson, Ind. Governor for internal-combustion engines. 1,441,022; Jan. 2.
Pierce, George W., Cambridge, Mass., assignor to P. C. Hewitt, deceased, Ringwood Manor, N. J.; The Farmers' Loan and Trust Company, New York, N. Y., executor. Apparatus for and method of controlling electric currents. 1,450,749; Apr. 3.
Pierce, George W., Davis, assignor to California Almond Growers Exchange, San Francisco, Calif. Treating almonds. 1,465,829; Aug. 21.
Pierce Governor Co. (See Pierce, George W., assignor.)
Pierce, Harrie C. (See Peffer, H. C., and Pierce.)
Pierce, Howard M., Brooklyn, assignor to A. G. Spalding & Bros., New York, N. Y. Golf bag. 1,444,357; Feb. 6.

Pierce, James B., jr., Charleston, W. Va. Making precipitated barium sulphate and sodium sulphydrate 1,457,934; June 5.
Pierce, James B., jr., Charleston, W. Va. Making precipitated barium sulphate. 1,457,935; June 5.
Pierce, James B., jr., Charleston, W. Va. Blanc fixe. 1,468,867; Sept. 25.
Pierce, James H., Shelburn, Ind. Traction wheel. 1,451,177; Apr. 10.
Pierce, John, jr., Norwalk, assignor of one-half to D. S. Cummings, Stamford, Conn. Gas-tight joint for boiler casings removably mounted upon firepots. 1,456,254; May 22.
Pierce, Joseph A., Dravosburg Borough, Pa. Cooking utensil. 1,462,818; July 24.
Pierce, Joseph R. (See Barth, C. J., and Pierce.)
Pierce, Raymond C. (See Carter, G. O., and Pierce.)
Pierce, William N. (See Candee, B. C., and Pierce.)
Pierce, William N., and B. C. Candee, assignors to Pierce Fuse Corporation, Buffalo, N. Y. Fuse. 1,447,150; Feb. 27.
Pierce, Winslow S., jr., Bayville, N. Y. Velocity indicator. 1,451,923; Apr. 17.
Pierce Wrapping Machine. (See Pierce, Frank M., assignor.)
Piercy, Millard F., Baltimore, Md. Toy. 1,469,605; Oct. 2.
Pieretti, Giorgio, San Francisco, Calif. Sorting table. 1,460,862; July 3.
Piering, Otto, Eich, Germany. Flying machine. 1,444,138; Feb. 6.
Pierman, Alexander N., Newark, N. J. Mounting for stems of crystal detectors. 1,463,554; July 31.
Piers, Frank C., Los Angeles, Calif. Burner attachment. 1,463,837; Aug. 7.
Pierson, Carl W., Rockford, Ill. Combined washer and wringer. 1,464,045; Aug. 7.
Pierson, Charles V., Duluth, Minn. Wall construction. 1,463,021; July 24.
Pierson, Edwin W., Newark, N. J., assignor to Mergenthaler Linotype Company. Typographical machine. 1,471,352; Oct. 23.
Pierson, Harry W., deceased, Princeton, Ill.; S. W. Pierson, administratrix. Hay loader. 1,474,492; Nov. 20.
Pierson, Hubert T., Hoquiam, Wash. Guard for motor housings. 1,447,034; Feb. 27.
Pierson, Isaac, deceased, Wellesley, Mass.; P. H. Pierson, administrator. Rotatable connector. 1,460,037; June 26.
Pierson, Philip H., administrator. (See Pierson, Isaac.)
Pierson, Reginald K., and T. S. Duncan, assignors to Vickers Limited, Westminster, London, England. Tail skid for aircraft. 1,472,086; Oct. 30.
Pierson, Selma W., administratrix. (See Pierson, Harry W., assignor.)
Pierson, William D., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Means for controlling associated mechanisms of wire-drawing machinery or the like. 1,441,241; Jan. 9.
Pierson, William D., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Lubricating system for wire-drawing machines. 1,442,735; Jan. 16.
Pierson, William D., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Die holder. 1,452,312; Apr. 17.
Pietras, Ludwik R., Joliet, Ill. Motor-driven sled. 1,450,332; Apr. 3.
Pietrok, Andrew N., Stayton, Oreg. Animal trap. 1,457,670; June 5.
Piette, Olivier, Brussels, Belgium. Coke oven. 1,445,552; Feb. 13.
Pietsch, Charles F. (See Breakey, A., and Pietsch.)
Pietszak, Stanley P., Buffalo, N. Y. Safety-brake-operating means for freight and passenger cars. 1,466,958; Sept. 4.
Piette, Olivier, Brussels, Belgium. Treatment of gases from gas producers. 1,450,562; Apr. 3.
Pietzuch, Joseph, Cincinnati, Ohio. Shoe heel. Des. 61,789; Jan. 9.
Pietzuch, Joseph, Cincinnati, Ohio. Shoe heel. Des. 61,790; Jan. 9.
Piga, Joseph S., Owendale, Mich. Lock. 1,475,082; Nov. 20.
Pigeon, Albert M., Norristown, Pa. Yarn-tension device. 1,456,074; May 22.
Pigeon, Ernest A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Wire-assembling machine. 1,452,615; Apr. 24.
Pihl, Albert, Murray, Utah. Fruit-jar wrench. 1,471,353; Oct. 23.
Pike, Edwin B., assignor to Phoenix Light Company, Milwaukee, Wis. Lamp standard. Des. 61,934; Feb. 13.
Pike, Edwin B., assignor to Phoenix Light Company, Milwaukee, Wis. Lamp standard. Des. 61,935; Feb. 13.
Pike, Edwin B., assignor to Phoenix Light Company, Milwaukee, Wis. Lamp standard. Des. 62,110; Mar. 20.
Pike, Edwin B., assignor to Phoenix Light Company, Milwaukee, Wis. Lamp standard. Des. 62,111; Mar. 20.
Pike, George J. (See Gunlocke, W. H., and Pike.)
Pike, Herbert, Chicago, Ill. Folding ironing board. 1,456,193; May 22.
Pike, Richard, St. Johns, Newfoundland. Propeller. 1,463,441; July 31.
Pike, Robert D., San Francisco, Calif. Ore-roasting furnace. 1,444,209; Feb. 6.
Pike, Robert D., San Francisco, Calif. Treating magnesite. 1,449,696; Mar. 27.
Pike, Robert D., San Francisco, Calif. Ore-roasting furnace. 1,466,382; Aug. 28.
Pike, Robert D., San Francisco, Calif. Apparatus for calcining and clinkering. 1,468,168; Sept. 18.
Pike, Robert D., San Francisco, Calif. Calcining apparatus. 1,472,935; Nov. 6.
Pike, Seneca M., assignor to Wilder-Pike Thermometer Co., Inc., Troy, N. Y. Thermometer. 1,452,701; Apr. 24.
Pike, Vernon B., Cheltenham, Pa., assignor to American Telephone and Telegraph Company. Gas-heated soldering iron. 1,472,087; Oct. 30.
Pikoos, Abraham, Baltimore, Md. Toothbrush. 1,458,074; June 5.
Pilcher, John A., Roanoke, Va. Car construction. 1,472,135; Oct. 30.
Pilger, Herbert, Plainview, Nebr. Fly-chasing screen-door attachment. 1,460,826; July 3.
Pilkington Brothers Limited. (See Pilkington, William N., assignor.)
Pilkington, John T., Vernon, British Columbia, Canada. Clothespin. 1,468,543; Sept. 18.
Pilkington, Robert G., Chicago, Ill. Shackle. 1,457,001; May 29.
Pilkington, William N., assignor to Pilkington Brothers Limited, St. Helens, England. Sheet glass. Des. 63,318; Nov. 20.
Pilkington, William N., assignor to Pilkington Brothers Limited, St. Helens, England. Sheet glass. Des. 63,319; Nov. 20.
Pilkington, William N., assignor to Pilkington Brothers Limited, St. Helens, England. Sheet glass. Des. 63,320; Nov. 20.
Pillars, Edward R., and H. C. Leeseberg, Fostoria, Ohio. Minor-caliber fuse. 1,473,355; Nov. 6.
Pilling, Henry, Chorlton-cum-Hardy, England. Operation of valves by fluid pressure. 1,443,239; Jan. 23.
Pilling, Henry, Chorlton-cum-Hardy, England. Reciprocating-piston engine. 1,450,112; Mar. 27.
Pilling, Norman B., Wilkinsburg, and R. E. Bedworth, Pittsburgh, Pa., assignors to Westinghouse Electric & Manufacturing Company. High-temperature resistor material. 1,467,810; Sept. 11.
Pillings, John H., Hamilton, Ohio. Typewriter-key-actuating organization. 1,447,484; Mar. 6.
Pilliod, Charles J., assignor to D. Searles, trustee, Toledo, Ohio. Adapter means for furnace doors. 1,443,143; Jan. 23.
Pilliod, Charles J., assignor to D. Searles, trustee, Toledo, Ohio. Furnace-door-operating means. 1,443,144; Jan. 23.
Pilliod, Charles J., assignor to D. Searles, trustee, Toledo, Ohio. Valve gear. 1,465,948; Aug. 28.
Pillsbury, Charles S., and L. S. Sims, Pulaski, Va. Lifting jack. 1,456,827; May 29.
Pilson, James R., and L. Zoll, Vanguard, Saskatchewan, Canada. Automatic door check. 1,478,758; Dec. 25.
Pilum, A. G. (See Ludorf, Ernst, assignor.)
Pinard, Albert, East Charleston, Vt. Vehicle runner. 1,478,796; Dec. 25.
Pinchart-Deny, Maurice, and L. Labourot, Paris, France. Manufacture of rough pieces for brass tubes. 1,444,270; Feb. 6.
Pinchler, Louis, Cleveland, Ohio. Windstorm hat catch. 1,443,194; Jan. 23.
Pine, Harry B., and C. W. Cisney, Phoenix, Ariz. Combined cabinet and table. 1,453,946; May 1.
Pine Tree Milking Machine Company. (See Stampen, Jacob J., assignor.)
Pine, Wilber J., Oshkosh, Wis. Combination metal-working machine. 1,473,356; Nov. 6.
Pineau, Joseph G. (See Webr, H., and Pineau.)
Piñeiro, Lucas R., Habana, Cuba. Surgical instrument. 1,441,298; Jan. 9.
Pinell, Louis, and C. C. Loop, Tacoma, Wash. Music-turning device. 1,454,766; May 8.
Pines Manufacturing Company. (See Raleigh, James F., assignor.)
Pines Manufacturing Company. (See Willis, George M., assignor.)
Pinkard, Arthor L., Youngstown, Ohio. Swimming device. 1,473,514; Nov. 6.
Pinkerton, Edward E., Chicago, Ill. Folding display box. 1,446,581; Feb. 27.
Pinkerton, Edward E., Chicago, Ill. Folding box. 1,448,864; Mar. 20.
Pinkerton, William W., Boise, Idaho, assignor to Secretary of War of the United States of America, trustee. High-explosive shell. 1,449,245; Mar. 20.
Pinkosh, Michael, assignor of one-half to J. Paseka, Minneapolis, Minn. Device for treating pie dough. 1,474,640; Nov. 20.
Pinten, John, Detroit, Mich. Display cabinet. 1,473,868; Nov. 13.
Pinten, John, Detroit, Mich. Box latch. 1,473,869; Nov. 13.
Pintoff, Beatrice. (See O'Donnell, E., and Pintoff.)

Pintsch, Julius, Aktiengesellschaft. (See Meyer, Bruno, assignor.)
Pioda, Louis E. W., San Francisco, Calif. Process of and apparatus for manufacturing cement. 1,465,863; Aug. 21.
Pioneer Production Company. (See Yeomans, Lucien I., assignor.)
Pioneer Suspender Company. (See Uhl, Robert E., assignor.)
Piotrowski, Paul, Newport, N. H. Support for window shades and curtains. 1,459,342; June 19.
Pipe, Edward H., assignor to Acme Cement Plaster Company, St. Louis, Mo. Stucco-mixing machine. 1,452,702; Apr. 24.
Piper, Frederick G., Winchester, England. Headlight and the like. 1,475,872; Nov. 27.
Piper, Herbert H., Jackson, Mo. Dust shield and collector for automobiles. 1,470,244; Oct. 9.
Piper, Joseph W., Lowell, Mass. Grate for furnaces and boilers. 1,475,651; Nov. 27.
Piper, Vance G. (See Giddings, Frank R., assignor.)
Piper, Walter A., and A. V. Naegele, Chicago, Ill. Toy aeroplane. 1,462,244; July 17.
Piper, Walter F. (See Beardsley, E. O., and Piper.)
Piper, William E., New Canaan, Conn., assignor to The Dorr Company, New York, N. Y. Settling apparatus. 1,457,794; June 5.
Pipereaut, Pierre. (See Helbronner, A., and Pipereaut.)
Pipitone, Charles, Brooklyn, N. Y., assignor to Interlocking Construction Corporation. Interlocking building block. 1,463,969; Aug. 7.
Pippert, Willis J., Ridlonville, Me. Underlay for printing on paper bags and the like and making same. 1,449,545; Mar. 27.
Pipping, Alf, Altoona, Pa. Mold. 1,458,847; June 12.
Piqué, Jean J., London, England. Cooling and freezing of fish and the like. 1,458,991; June 19.
Piron Coal Distillation Systems. (See Piron, Emil, assignor.)
Piron, Emil, assignor to Piron Coal Distillation Systems, Inc., New York, N. Y. Distilling or refining column. 1,475,243; Nov. 27.
Piron, Emil, assignor to Piron Coal Distillation Systems, Inc., New York, N. Y. Separating organic acids from aqueous solutions thereof. 1,477,076; Dec. 11.
Pirott, Celester. (See McCracken, B., and Pirott.)
Pirson, Frank, Kansas City, Mo. Lamp body. Des. 63,321; Nov. 20.
Pirtle, Joe D. (See Frank, J., and Pirtle.)
Pischke, Walter E., Leola, S. Dak. Harrow attachment. 1,441,448; Jan. 9.
Piston Research Corporation. (See Bramberry, Harry M., assignor.)
Piston Ring Company, The. (See Johnson, Charles E., assignor.)
Piston Ring Company, The. (See Warren, John R., assignor.)
Pistor, August T. (See Pistor, Ernest M., assignor.)
Pistor, Ernest M., Dundee, assignor of one-half to A. T. Pistor, Oak Park, Ill. Gauze-packing device. 1,456,828; May 29.
Pitcairn, William S., East Orange, N. J., assignor to William S. Pitcairn Corporation, New York, N. Y. Plate or similar article. Des. 63,656; Dec. 25.
Pitcairn, William S., Corporation. (See Pitcairn, William S., assignor.)
Pitcole, Frank J., assignor to Whitehead & Kales Company, River Rouge, Mich. Vehicle seat construction. 1,477,589; Dec. 18.
Pitkin, Arthur F., Schenectady, N. Y. Stay bolt for steam boilers. 1,469,688; Oct. 2.
Pitman, Henry L., Elizabeth, N. J. Winding mechanism. 1,447,516; Mar. 6.
Pitman, Henry L., Brooklyn, N. Y. Spring motor. 1,472,936; Nov. 6.
Pitnam, Henry L., Westfield, N. J., assignor to Underwood Computing Machine Company, New York, N. Y. Computing machine. 1,445,909; Feb. 20.
Pitman, Henry L., Westfield, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,465,789; Aug. 21.
Pitney, Arthur H., assignor, by mesne assignments, to Pitney-Bowes Postage Meter Company, Stamford, Conn. Postage meter and mail-marking machine. Re15,734; Dec. 18.
Pitney, Arthur H., and J. W. Ogden, assignors to Universal Postal Machines Corporation, Stamford, Conn. Register for postage-marking machine. 1,461,934; July 17.
Pitney-Bowes Postage Meter Company. (See Pitney, Arthur H., assignor.)
Pitou, Eugene, New York, N. Y. Window-washing apparatus. 1,470,388; Oct. 9.
Pitou, Eugene, New York, N. Y. Suspended scaffold. 1,474,941; Nov. 20.
Pitschman, Joseph H., San Francisco, Calif. Headlight shield. 1,448,675; Mar. 13.
Pitt, Frederick D., assignor to Irving-Pitt Manufacturing Company, Kansas City, Mo. Loose-leaf binder and the making of same. 1,466,959; Sept. 4.
Pitt Railway Equipments Limited. (See Reid, T., and Finlayson, assignors.)
Pitt, William L. (See Lemons, Joseph F., assignor.)
Pitt, William P., assignor to Irving-Pitt Manufacturing Company, Kansas City, Mo. Hinge mechanism for binder covers and the like. 1,466,960; Sept. 4.
Pittman, Moses S., San Diego, Calif. Safety guards for spring traps. 1,441,523; Jan. 9.
Pittman, Reinhart W., New York, N. Y. High-speed motion-picture apparatus. 1,444,884; Feb. 13.
Pittman, Reinhart W., New York, N. Y. Magazine for film machines. 1,451,842; Apr. 17.
Pittman, Vincent V., Selma, Calif. Building section. 1,477,520; Dec. 11.
Pittoni, Louis E. (See Sisbower, G. F., and Pittoni.)
Pitts, John B., Louisville, Ky. Railway signal apparatus. 1,444,850; Feb. 13.
Pittsburgh Engineering Works. (See Moore, W. E., Alter, Hanff, Eckley, and Wright, assignors.)
Pittsburgh Hand Truck Mfg. Co. (See Fritz, Peter C., assignor.)
Pittsburgh Lamp, Brass & Glass Company. (See Steffen, Adolf, assignor.)
Pittsburgh Lamp, Brass & Glass Company. (See Yokel, Frank, assignor.)
Pittsburgh Meter Company. (See Kerr, Thomas H., assignor.)
Pittsburgh Oil Refining Corporation. (See Boileau, Walter K., assignor.)
Pittsburgh Plate Glass Co. (See Hess, Philip J., assignor.)
Pittsburgh Plate Glass Company. (See Brown, Christopher, assignor.)
Pittsburgh Plate Glass Company. (See Gelstharp, Frederick, assignor.)
Pittsburgh Plate Glass Company. (See McCutcheon, Claude H., assignor.)
Pittsburgh Plate Glass Company. (See Osborne, Frank, assignor.)
Pittsburgh Plate Glass Company. (See Rehm, Benjamin, assignor.)
Pittsburgh Plate Glass Company. (See Soderberg, Jacob, assignor.)
Pittsburgh Seamless Tube Company. (See Cassidy, Perry R., assignor.)
Pittsburgh Seamless Tube Company. (See Sneddon, James P., assignor.)
Pittsburgh Steel Company. (See Bull, George E., assignor.)
Pittsburgh Transformer Company. (See Bingay, Robert V., assignor.)
Pittsburgh Transformer Company. (See Horelick, Samuel, assignor.)
Pittsburgh Transformer Company. (See McClintock, Lewis G., assignor.)
Pitzer, Leslie H., Pratt, Kans. Bushing extractor and remover. 1,442,821; Jan. 23.
Pitzer, Leslie H., Garden City, Kans. Bushing remover. 1,448,597; Mar. 13.
Pizzino, Antonino, Massillon, Ohio. Rest plate and fulcrum for grinding machines. 1,477,151; Dec. 11.
Pizzino, James V., Harrisville, Pa. Ash-receptacle attachment for cigars. 1,466,512; Aug. 28.
Pizzino, James V., Mercer, Pa. Wall-papering machine. 1,472,735; Oct. 30.
Pizzuti, Giuseppe, Chicago, Ill. Wheel remover. 1,457,795; June 5.
Place, Charles A., assignor to New York Mackintosh Clothing Company, New York, N. Y. Rainproof garment. 1,473,916; Nov. 13.
Place, Roland P. (See Pagelsen, Edward N., assignor.)
Place, Roland P., assignor to Roland P. Place Company, Midland, Mich. Emery-wheel-dressing tool. 1,468,395; Sept. 18.
Place, Roland P., Company. (See Place, Roland P., assignor.)
Plagg, William, Seattle, Wash. Container cover. 1,473,043; Nov. 6.
Plainfield Trust Company, The, administrator. (See Hopkins, Charles E.)
Plaisted, Harold M. (See Williams, Milton F., assignor.)
Plaisted, Harold M., assignor to Williams Patent Crusher & Pulverizer Company, St. Louis, Mo. Crusher, 1,443,757; Jan. 30.
Plaisted, Harold M., assignor to Williams Patent Crusher and Pulverizer Company, St. Louis, Mo. Rotary pivoted hammer. 1,476,177; Dec. 4.
Plamondon, Isidore J., Dubuque, Iowa. Book holder. 1,457,458; June 5.
Plank, J. Raymond, assignor to Wolverine Brass Works, Grand Rapids, Mich. Quick-action chuck. 1,449,440; Mar. 27.
Plant, John W., San Mateo, Calif., assignor to American Manganese Steel Company, Chicago, Ill. Bucket lip. 1,454,486; May 8.
Plant, Thomas G., Company. (See McLeod, George T., assignor.)
Plantation Rubber Manufacturing Company Limited. (See Underwood, G. F., and Luffsmith, assignors.)
Plante, Ernest, Indianapolis, Ind. Vehicle bumper. 1,448,504; Mar. 13.
Plante, Joseph A., San Pedro, Calif. Cutting overshot. 1,458,118; June 5.
Plante, Levi N., Worcester, Mass. Film carrier. 1,466,339; Aug. 28.

Plantier, Ludovic J. M., Annonay, Ardeche, France. Dilator and the like. 1,443,801; Jan. 30.
Plantz, H. A., et al. (See Bumbaugh, Clyde C., assignor.)
Plass, Robert H. (See Moses, E. Q., and Plass.)
Plass, Robert H., Upper Montclair, N. J. Spring wheel. 1,468,076; Sept. 18.
Plasschaert, Hector, Wachtebeke-lez-Gand, Belgium. Valve for pneumatic tires. 1,457,390; June 5.
Plasschaert, Hector. Wachtebeke-lez-Gand, Belgium. Printing mechanism for registering machines. 1,457,391; June 5.
Plasterer, Purl C., Hamilton, assignor to Darn E. Z. Laboratorys, Dayton, Ohio. Cement. 1,458,308; June 12.
Plate, Ernst W., Philadelphia, Pa. Bridge for stringed musical instruments. 1,449,777; Mar. 27.
Platman, Robert, Penn Yan, N. Y. Fire escape. 1,444,639; Feb. 6.
Platner, David F., San Diego, Calif. Concentrator. 1,469,019; Sept. 25.
Platt Brothers and Company. (See Wilkinson, Henry, assignor.)
Platt Brothers and Company Limited. (See Walker, John W., assignor.)
Platt, Clarence D., Bridgeport, Conn. Inclosed switch. 1,441,599; Jan. 9.
Platt, Clarence D., Bridgeport, Conn. Electric switch. 1,445,847; Feb. 20.
Platt, Clarence D., Bridgeport, Conn. Inclosed-switch construction. 1,452,814; Apr. 24.
Platt, Clarence D., Bridgeport, Conn. Electrical cut-out. 1,454,185; May 8.
Platt, Clarence D., Bridgeport, Conn. Electric cut-out and the like. 1,454,186; May 8.
Platt, Clarence D., Bridgeport, Conn. Inclosed switch. 1,463,908; Aug. 7.
Platt, Edwin F. (See Platt, Edwin H., assignor.)
Platt, Edwin H., Denver, Colo., assignor of one-half to E. F. Platt, Portland, Oreg. Power transmission for motor vehicles. 1,450,643; Apr. 3.
Platt, Frank L., G. N. Hein, and R. R. Impey, San Francisco, Calif. Hypodermic syringe. 1,476,103; Dec. 4.
Platt-Hepworth, Robert, Paddington, Sydney, New South Wales, Australia. Automatic fuel-economizing apparatus for internal-combustion engines. 1,474,686; Nov. 20.
Platt, Ocron S., Bridgeport, Conn. Bottle capper. 1,453,405; May 1.
Platt, William H., Hamilton, Ohio. Jar holder. 1,471,415; Oct. 23.
Platten, William J., Green Bay, Wis. Beehive. 1,441,524; Jan. 9.
Platts, Montraville E., and A. F. Nebhut, Ilion, N. Y. Vegetable slicer. 1,468,210; Sept. 18.
Platz, Charles, New York, N. Y. Safety device for elevators. 1,448,978; Mar. 20.
Platz, Henry T., Ashland, Ohio, assignor to Memo Manufacturing Company, Detroit, Mich. Desk memorandum pad. 1,452,092; Apr. 17.
Plaugher, Eli P. (See Berg, Fred C., assignor.)
Plauson, Hermann, Hamburg, Germany. Manufacture of phosphate manures. 1,445,167; Feb. 13.
Plauson, Hermann, Hamburg, Germany. Manufacturing of vinyl halides. 1,445,168; Feb. 13.
Plauson, Hermann, Hamburg, Germany. Manufacture of resinous condensation products. 1,451,843; Apr. 17.
Plauson, Hermann, Hamburg, Germany. Manufacture of dispersoids. 1,458,542; June 12.
Plauson, Hermann, Hamburg, Germany. Manufacture of acetaldehyde of acetic acid. 1,471,058; Oct. 16.
Plauson, Hermann, Hamburg, Germany. Manufacture of rubber and ebonite substitutes. 1,471,059; Oct. 16.
Plawker, Samuel. (See Waters, A. L., and Plawker.)
Plehaty, Carl W., assignor of one-half to F. R. White, White Plains, N. Y. Controller for motors. 1,452,472; Apr. 17.
Pleister, Henry W., Westfield, N. J., assignor to H. B. Newhall. Bolt anchor. 1,469,667; Oct. 2.
Pleister, Henry W., Westfield, N. J., assignor to H. B. Newhall, formerly known as H. B. Newhall, jr. Bolt anchor. 1,469,669; Oct. 2.
Pleister, Henry W., Westfield, N. J., assignor to H. B. Newhall. Nail expansion. 1,476,833; Dec. 11.
Pleister, Henry W., Westfield, N. J., assignor to H. B. Newhall. Nail expansion. 1,476,834; Dec. 11.
Pleister, Henry W., Westfield, N. J., assignor to H. B. Newhall. Nail expansion. 1,476,835; Dec. 11.
Pleister, Henry W., Westfield, N. J., assignor to H. B. Newhall. Nail-expansion method. 1,476,836; Dec. 11.
Pleister, Henry W., Westfield, and J. Karitzky, Garwood, N. J.; said Pleister assignor to H. B. Newhall and said Karitzky assignor to H. B. Newhall, executor of H. B. Newhall, sr., deceased. Bolt anchor. 1,469,665; Oct. 2.
Pleister, Henry W., Westfield, and J. Karitzky, Garwood, assignors to H. B. Newhall, Plainfield, N. J., executor of H. B. Newhall, sr., deceased. Bolt anchor. 1,469,666; Oct. 2.
Pleister, Henry W., Westfield, and J. Karitzky, Garwood, assignors to H. B. Newhall, Plainfield, N. J. Nail fastener. 1,476,837; Dec. 11.
Plempel, Charles A., Pittsburgh, Pa. Confection mold. 1,472,229; Oct. 30.
Plenty & Son Limited. (See Kent-Norris, Henry, assignor.)
Pletcher, Roscoe T., Needles, Calif. Locomotive and tender connection. 1,443,716; Jan. 30.
Pletman, Abraham, Schenectady, N. Y. Toothbrush. 1,473,357; Nov. 6.
Plew, James E., Chicago, Ill. Bubbling drinking fountain. 1,454,603; May 8.
Plewa, Steve, and R. N. Janusz, Milwaukee, Wis. Ironing board. 1,448,418; Mar. 13.
Plews, William J. (See Spencer, A. R., and Plews.)
Plimpton, Bentley A., assignor of one-half to The Porcelain Insulator Corporation, Lima, N. Y. Suspension clamp for electrical conductors. 1,456,932; May 29.
Plimpton, Bentley A., assignor of one-half to The Porcelain Insulator Company, Lima, N. Y. Insulator. 1,478,912; Dec. 25.
Plitt, Walter R., and W. A. Lloyd, Meyersdale, Pa. Car wheel. 1,459,691; June 19.
Plochocki, Anthony, assignor of one-half to E. Brzozowski, Brooklyn, N. Y. Game device. 1,464,537; Aug. 14.
Ploetner, Otto. (See Levi, J. A., and Ploetner.)
Plondke, Frederic J., St. Paul, Minn. Operating bed. 1,464,661; Aug. 14.
Plonka, John, Woodlawn, Pa. Conveyer for sheet material. Re15,626; June 12.
Ploplis, Victor J., Port Carbon, Pa. Cabinet. 1,458,848; June 12.
Plotner, Lloyd D., Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Impulse-transmitting device. 1,445,235; Feb. 13.
Plowman, Walter W. (See Feldenheimer, W., and Plowman.)
Plowman, Walter W. (See Feldenheimer, W., Plowman, and Schidrowitz.)
Ployer, Albert E., St. Louis, Mo. Enamel-ware protector. 1,447,180; Mar. 6.
Plum, S. Haines, 2d. (See Morrison, Lewis E., assignor.)
Plum, William T., jr., Newark, N. J. Coating woven fabrics. 1,472,230; Oct. 30.
Plumb, D. S. (See Holbrook, J. K., and De Francisco, assignors.)
Plumb, Fayette R., Philadelphia, Pa. Container for files. 1,460,499; July 3.
Plumbridge, William. (See Chick, H. R., Helliwell, and Plumbridge.)
Plumley, Stuart. (See Anderson, J. L., and Plumley.)
Plumley, Stuart, Westfield, N. J., assignor, by mesne assignments, to Air Reduction Company, Incorporated, New York, N. Y. Portable acetylene generator. 1,462,623; July 24.
Plumm, Gottfried, Berlin-Lichterfelde, Germany, assignor to M. Polak, Groningen, Netherlands. Ignition system for internal-combustion engines. 1,459,252; June 19.
Plummer, Charles T. (See Baldwin, W. H., and Plummer.)
Plummer, Clarence H., Kewaunee, Wis. Conveying apparatus. 1,459,253; June 19.
Plump, Adolph, Redwood City, Calif. Railway spike. 1,444,271; Feb. 6.
Plumstead, Joseph E., Wilmington, Del., assignor to The Jessup & Moore Paper Co., Philadelphia, Pa. Treatment of liquid waste material containing combined carbon. 1,442,494; Jan. 16.
Plunkett, William H. (See Holmes, Alfred E., assignor.)
Plushkell, August B., Los Angeles, Calif. Loose-leaf binder. 1,445,910; Feb. 20.
Plymouth Gypsum Company. (See Armstrong, Louis E., assignor.)
Plymouth Phonograph Parts Co. (See Trotter, George C., assignor.)
Plympton, Frederic K., Wellesley, Mass. Bottle cap and the like. 1,449,953; Mar. 27.
Plywood Tube, Inc., The. (See Proctor, John H., assignor.)
Pneumatic Cushion Co. (See Gruss, Lucien R., assignor.)
Pneumatic Process Flotation Company. (See Dolbear, Samuel H., assignor.)
Pneumatic Scale Corporation. (See Strout, Ralph C., assignor.)
Pneumatic Scale Corporation, Ltd. (See Howard, Stanley R., assignor.)
Pneumatic Scale Corporation Limited. (See Robinson, George A., assignor.)
Pneumelectric Corporation, The. (See Palmros, A., Mackie, and Healey, assignors.)
Pneumercator Company. (See Field, Michael B., assignor.)
Pneumercator Company. (See Stancliffe, Cecil W., assignor.)
Poccia, Loreto, Mamaroneck, N. Y. Air compressor. 1,473,314; Nov. 6.
Pochila, Franz, assignor of one-half to S. Babic, Duqesne, Pa. Surface-dressing machine. 1,470,641; Oct. 16.
Pochwadt, Richard, et al. (See Paffrath, Paul C. J., assignor.)
Pocock, Augustine J., deceased; Z. Pocock, administratrix, assignor to The Dayton Pump & Manufacturing Company, Dayton, Ohio. Pump. 1,445,035; Feb. 13.
Pocock, Augustine J., deceased; Z. Pocock, administratrix, assignor to The Dayton Pump & Manufacturing Company, Dayton, Ohio. Pump. 1,445,036; Feb. 13.

Pocock, Zadia, administratrix. (See Pocock, Augustine J.)
Poczobyt, Wladyslaw. (See Litwin, Simon, assignor.)
Podgorsek, Leo. (See Steinbach, Arthur, assignor.)
Podjus, Harry H., Chicago, Ill. Clothesline grip. 1,456,712; May 29.
Podolsky, Henry, San Francisco, Calif. Fishing apparatus. 1,474,731; Nov. 20.
Poe, Robert L., Chicago, Ill. Stove and furnace. 1,445,799; Feb. 20.
Poebing, Oskar, Munich, Germany. Regulating water-power stations. 1,474,086; Nov. 13.
Poelke, Otto F., jr. (See Parsons, John H., assignor.)
Poell, Harry F., Philadelphia, Pa. Umbrella. 1,454,404; May 8.
Poelle, Edward, St. Louis, Mo. Clothing hook. 1,445,037; Feb. 13.
Poeppel, Otto, Esslingen, Germany. Preparing paper for window envelopes. 1,444,082; Feb. 6.
Poetzsch, Max, Ridgewood, N. J. Combined napper and shearing machine. 1,449,293; Mar. 20.
Pogorzelski, John, Philadelphia, Pa. Combined table and mangle. 1,441,879; Jan. 9.
Pogue, George D. (See Hildebrand, Reinhard, assignor.)
Pogue, Joseph I., Omak, Wash. Press. 1,455,304; May 15.
Pohl, Charles, assignor to J. O. King, Los Angeles, Calif. Humidifier. 1,475,920; Nov. 27.
Pohl, George. (See Miller, J. H., and Pohl.)
Pohl, Otto, Planegg, near Munich, Germany. Dry distilling and carbonizing crude peat. 1,473,641; Nov. 13.
Pohlkotte, John H., assignor to The Gem Shirt Company, Dayton, Ohio. Garment. 1,448,940; Mar. 20.
Pohrt, Henry O., Flint, Mich. Tool holder. 1,453,947; May 1.
Poindexter, Franklin E., Denton, Tex., assignor, by mesne assignments, to B. S. Davidson, Denton, Tex. Shock absorber. 1,454,905; May 15.
Poirette Corsets, Inc. (See Robbins, Philip H., assignor.)
Poirier, Alphonse, Spokane, Wash. Indicator. 1,472,193; Oct. 30.
Poirier, Edmon R., San Francisco, Calif. Bath and massage brush. 1,473,315; Nov. 6.
Poirmeur, Louis T., Meru, France. Explosion rotating engine. 1,458,950; June 19.
Poister, Ralph S., Canton, Ohio, assignor to United Alloy Steel Corporation, New York, N. Y. Ingot-mold bottom plate. 1,472,493; Oct. 30.
Poitras, Joseph A., New York, N. Y. Dividing head. 1,469,051; Sept. 25.
Pokorny, Anton, Wyndmere, N. Dak. Grain-car door. 1,463,724; July 31.
Pokorny, Frank, jr., assignor of one-half to F. W. Keegan, New York, N. Y. Air heater. 1,451,471; Apr. 10.
Pokorny, James T., Cedar Bayou, assignor to A. T. Eddingston, Port Arthur, Jefferson County, Tex. Molding machine. 1,473,044; Nov. 6.
Polak, Moritz. (See Plumm, Gottfried, assignor.)
Poland, John F., East Cleveland, and R. E. Miller, Bay Village, Ohio. Unloading mechanism. 1,441,023; Jan. 2.
Polansky, Arpad, Douglastown, N. Y. Shoe-polishing set. 1,464,336; Aug. 7.
Poleski, John, and J. Tuvcak, St. Catharines, Ontario, Canada. Fly catcher. Des. 61,862; Jan. 30.
Polhamus, Albert A., and W. A. Gillette, South Pasadena, Calif. Back rest. 1,442,772; Jan. 16.
Polhemus, Louis E., Miami, Ariz. Carbide lamp. 1,450,867; Apr. 3.
Poli, Leon, Walsenburg, Colo. Safety fastening device for nonskid chains. 1,455,409; May 15.
Poling, May E., Phoenix, Ariz. Fireplace front. 1,470,542; Oct. 9.
Polinkowsky, Lipa, Antwerp, Belgium, assignor to Western Electric Company, Incorporated, New York, N. Y. Call-distributing system. 1,446,582; Feb. 27.
Polinkowsky, Lipa, Antwerp, Belgium, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,448,572; Mar. 13.
Polinkowsky, Lipa, Antwerp, Belgium, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,459,186; June 19.
Polinkowsky, Lipa, Antwerp, Belgium, assignor to Western Electric Company, Incorporated, New York, N. Y. Automatic telephone-exchange system. 1,464,109; Aug. 7.
Polinkowsky, Lipa, Antwerp, Belgium, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,464,726; Aug. 14.
Polizzi, Raymond P., Brooklyn, N. Y. Advertising device for poker chips. 1,475,652; Nov. 27.
Polk, R. L., & Co. (See Dinsmore, Walter F., assignor.)
Polk, Ralph, Greenwood, Ind. Means for peeling citrus fruit. 1,452,930; Apr. 24.
Polk, Ralph B., Greenwood, Ind. Segmenting tool for citrous fruit. 1,468,648; Sept. 25.
Polk, Walter C., Indianapolis, Ind. Concrete form. 1,442,294; Jan. 16.
Polk, William D., assignor to American Road Machinery Company, Inc., Kennett Square, Pa. Snowplow. 1,460,440; July 3.
Pollack, Charles. (See Miller, David M., assignor.)
Pollack, Daniel. (See Kasden, N., and Pollack.)
Pollack, Israel, Dorchester, Mass. Cleansing. 1,452,093; Apr. 17.
Pollack, Joseph O., Chicago, Ill. Ring contractor. 1,465,682; Aug. 21.
Pollak, Abraham, assignor to S. Kanner, New York, N. Y. Lead pencil. 1,441,600; Jan. 9.
Pollak, Abraham, assignor to S. Kanner, New York, N. Y. Lead pencil. 1,454,136; May 8.
Pollak, Charles, Hancock, Mich. Device for preventing leaks. 1,463,749; July 31.
Pollak, Fritz. (See Ripper, Kurt, assignor.)
Pollak, Fritz, Vienna, Austria. Condensation product and making same. 1,458,543; June 12.
Pollak, Isidor, and E. Möhring, Vienna, Austria. Manufacture of artificial resins from phenol and formaldehyde. 1,475,446; Nov. 27.
Pollak, Ludwig, Rotterdam, Netherlands. Buckle. 1,448,979; Mar. 20.
Pollard-Alling Manufacturing Company. (See De Minico, Frank, assignor.)
Pollard, Arthur L., and E. Baseman, assignors to Massey-Harris Harvester Company, Inc., Batavia, N. Y. Wheeled cultivator. 1,466,340; Aug. 28.
Pollard, Henry V., Somerville, Mass. Threshold eliminator. 1,452,703; Apr. 24.
Pollard, Karl W., Boston, Mass. Holding, adjusting, and aligning apparatus for lenses for eyeglasses and the like. 1,454,688; May 8.
Pollen, Arthur J. H., London, England. Fire-control and gun-laying apparatus. 1,445,353; Feb. 13.
Pollock, Arthur L., Kingman, Ariz. Rail attachment to prevent spreading. 1,445,103; Feb. 13.
Pollock, John W., Soldiers Home, Sawtelle, Calif. Ant trap. 1,464,394; Aug. 7.
Pollock, Morris, assignor to Royal Leather Goods Co., Chicago, Ill. Traveling bag. 1,445,236; Feb. 13.
Pollock, Robert G., Syracuse, N. Y. Friction feed mechanism for surface grinders. 1,446,271; Feb. 20.
Pollock, Robert T. (See Rahr, C. E., and Pollock.)
Pollock, William B., Company, The. (See Nelson, Alfred C., assignor.)
Pollock, William B., Company, The. (See Nelson, A. C., and Reilly, assignors.)
Pollock, William B., Company, The. (See Reilly, Edgar J., assignor.)
Polson, William R. (See Webb, Q. L., and Polson.)
Polygraphische Gesellschaft. (See Graf, Hans, assignor.)
Polygraphische Gesellschaft. (See Schäffer, Werner, assignor.)
Polzer, Fridolin, New York, N. Y., assignor to The E. H. Hotchkiss Company, Norwalk, Conn. Staple strip. 1,465,783; Aug. 21.
Pomeroy, Edward S. (See Wesson, H., and Pomeroy.)
Pomeroy, Le Dru R., Toledo, Ohio, assignor to Bates Valve Bag Company. Wire-tying tool. 1,472,763; Oct. 30.
Pomeroy, Percy W., Toledo, Ohio. Electric-lamp casing. 1,440,552; Jan. 2.
Pomeroy, Ralph E. H., Canton, Ohio. Pulverizing mill. 1,449,441; Mar. 27.
Pomeroy, Ralph E. H., Canton, Ohio. Pulverizing mill. 1,451,472; Apr. 10.
Pomeroy, Ralph E. H., Canton, Ohio. Pulverizing mill. 1,452,218; Apr. 17.
Pomilio Brothers Corporation. (See Pomilio, Ottorino, assignor.)
Pomilio, Ottorino, Indianapolis, Ind., assignor to Pomilio Brothers Corporation, New York, N. Y. Reduction gear for airplanes. 1,441,114; Jan. 2.
Pomona Products Company. (See Bostrom, Earnst A., assignor.)
Ponce, Demetrio. (See Trejo M., Rafael, and Ponce.)
Pond, Charles P., assignor of one-half to G. L. Traffarn, Camden, N. Y. Top for vehicle bodies. 1,458,075; June 5.
Pond, Henry O., Tenafly, N. J., and A. W. Mellen, jr., New York, N. Y., assignors to Raymond Concrete Pile Company, New York, N. Y. Brick-handling apparatus. 1,443,966; Feb. 6.
Pond, Skaife L., and G. E. Simkins, Hill City, S. Dak. Beet topper. 1,467,650; Sept. 11.
Pond, Ulysses A., Middletown, Ill. Harrow cart. 1,443,589; Jan. 30.
Pont, José Fons, Barcelona, Spain. Internal-combustion engine. 1,452,125; Apr. 17.
Pontbriand, Louis F., Highgate Center, Vt. Pump. 1,473,737; Nov. 13.
Pontello, Frank, Calumet, Mich. Building slab. 1,455,657; May 15.
Pontz, Adam, Reading, Pa. Let back for pick ratchet looms. 1,449,835; Mar. 27.
Pool, Charles R. P., Dallas, Tex. Lift for gin breasts. 1,471,416; Oct. 23.
Pool, Charles S., Taft, Calif. Cross-feed stop for lathes. 1,469,108; Sept. 25.
Pool, De Witt T. (See Crum, Marcellus, sr., assignor.)
Pool, Elmer C., New Castle, Pa. Automatic feed for tin ning machines. 1,448,711; Mar. 13.
Pool, Elmer C., New Castle, Pa. Conveying mechanism. 1,448,712; Mar. 13.
Pool, Elmer C., New Castle, Pa. Feed mechanism. 1,448,713; Mar. 13.

Alphabetical list of patentees—Continued.

Pool, Elmer C., New Castle, Pa. Separator for automatic plate-feeding mechanism. 1,448,714; Mar. 13.
Pool, Elmer C., New Castle, Pa. Pack-handling apparatus. 1,448,715; Mar. 13.
Pool, Elmer C., New Castle, Pa. Deflector for plate-feeding mechanisms. 1,448,716; Mar. 13.
Pool, Elmer C., New Castle, Pa. Deflector for plate-feeding mechanisms. 1,460,038; June 26.
Pool, Joseph B. (See Stull, David L., assignor.)
Pool, Morris W., Brooklyn, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,462,980; July 24.
Pool, Morris W., New York, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,465,559; Aug. 21.
Pool, William, Crayford, assignor to Vickers Limited, Westminster, London, England. Pumping device. 1,477,850; Dec. 18.
Poole, Arthur F., Chicago, Ill., assignor, by mesne assignments, to Remington Accounting Machine Corporation, New York, N. Y. Calculating machine. 1,446,990; Feb. 27.
Poole, Arthur F., Pelham Manor, assignor to Remington Accounting Machine Corporation, New York, N. Y. Calculating machine. 1,477,077; Dec. 11.
Poole, Arthur F., Kenilworth, and G. B. Vernier, jr., Chicago, Ill., assignor to The Wahl Company, Wilmington, Del. Fountain pen. 1,452,653; Apr. 24.
Poole, Arthur F., Pelham Manor, N. Y., and F. A. Hart, New Britain, Conn., assignors to Remington Accounting Machine Corporation, New York, N. Y. Calculating machine. 1,468,510; Sept. 18.
Poole, Harry, and G. P. Romain, Dillon, Mont. Miter box. 1,458,951; June 19.
Poole, Henry J., London, England. Machine for cutting paper, cardboard, and the like. 1,447,885; Mar. 6.
Pooler, Thomas E., Pueblo, Colo. Digger. 1,470,284; Oct. 9.
Poor, Fred A., assignor to The P & M Company, Chicago, Ill. Rail anchor. Re15,593; May 1.
Poor, Roy W., assignor of one-fourth to J. J. Mathe, Los Angeles, Calif. Motor-driven mixer and the like. 1,454,223; May 8.
Pope, Frederick, New York, N. Y. Draw-off for electric furnaces. 1,463,970; Aug. 7.
Pope, Harry C., and J. H. Fieldhouse, Los Angeles, Calif. Igniter for gaseous-fuel burners. 1,476,725; Dec. 11.
Pope, John W., Memphis, Tenn. Fare-collecting device. 1,472,937; Nov. 6.
Pope, Joseph H., Hamilton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making nails. 1,442,969; Jan. 23.
Pope, Joseph H., Hamilton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-seat-roughing machine. 1,447,223; Mar. 6.
Pope, Joseph H., Hamilton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel machine. 1,449,442; Mar. 27.
Pope, Joseph H., Hamilton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Nail-transferring mechanism. 1,461,784; July 17.
Pope, Joseph H., Hamilton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Work support. 1,461,785; July 17.
Pope, Joseph H., Hamilton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Jack. 1,461,786; July 17.
Pope, Joseph H., Hamilton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Distributing apparatus. 1,471,354; Oct. 23.
Pope, Joseph H., Hamilton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Attaching machine. 1,474,378; Nov. 20.
Pope Machine Company. (See La Montagne, Patrick P., assignor.)
Pope Machine Company. (See Randall, Edison E., assignor.)
Pope, Otto W., Oklahoma, Okla. Emergency brake lever. 1,468,414; Sept. 18.
Pope, Philip H., Portland, Oreg. Model for illustrating cell division. 1,478,058; Dec. 18.
Pope, Richard, North Sydney, New South Wales, Australia. Means for controlling the rebound of springs of vehicles. 1,455,305; May 15.
Pope, Wesley M., Washington, D. C. Pennant. Des. 62,092; Mar. 13.
Pope, William J., Holmesdale, Cambridge, assignor of one-half to Scottish Dyes Limited, Carlisle, Cumberland, England. Production of coloring matters. 1,451,270; Apr. 10.
Popiel, Maurice A., and J. Schonholtz, New York, N. Y. Watchcase and dial. 1,465,874; Aug. 21.
Popin, Ziva, New York, N. Y. Shield for hair waving. 1,447,997; Mar. 13.
Popin, Ziva, New York, N. Y. Hair-curling device. 1,447,998; Mar. 13.
Popkin, David, Malden, Mass. Method and means for making upholstered furniture. 1,463,334; July 31.
Poplawski, Stephen J., Racine, Wis., assignor, by mesne assignments, to The Gilchrist Company, Newark, N. J. Motor-driven mixer. 1,475,197; Nov. 27.
Popoff, Andrew P. (See Muller, O. P., and Popoff.)
Popp, Harry W. (See Mattson, E. M., Popp, and Hougland.)
Popp, Leonard A. (See Johnson, L. E., Peterson, and Popp.)
Poppe, Edward W., assignor to Kalamazoo Paper Box Company, Kalamazoo, Mich. Display box. 1,450,450; Apr. 3.
Poppe, Erling. (See Poppe, Peter A. and E.)
Poppe, Peter A. and E., Coventry, England. Cylinder connection and the like. 1,454,187; May 8.
Poppenhusen, Herman A., Hammond, assignor to Green Engineering Company, East Chicago, Ind. Fuel-retarding member. 1,456,648; May 29.
Poppenhusen, Herman A., Hammond, assignor to Green Engineering Company, East Chicago, Ind. Ledge-plate and water-box mounting for furnaces. 1,456,649; May 29.
Poppenhusen, Herman A., Hammond, assignor to Green Engineering Company, East Chicago, Ind. Water box for furnaces. 1,456,650; May 29.
Poppenhusen, Herman A., Hammond, assignor to Green Engineering Company, East Chicago, Ind. Stoker furnace. 1,461,450; July 10.
Poppenhusen, Herman A., Hammond, assignor to Green Engineering Company, East Chicago, Ind. Fire arch. 1,463,971; Aug. 7.
Poppenhusen, Herman A., Hammond, assignor to Green Engineering Company, East Chicago, Ind. Fire arch. 1,477,895; Dec. 18.
Poppenhusen, Herman A., Hammond, Ind., and A. P. Strong, Chicago, Ill., assignors to Green Engineering Company, East Chicago, Ind. Fire arch. 1,466,751; Sept. 4.
Poppenhusen, Herman A., Hammond, Ind., and A. P. Strong, Chicago, Ill., assignors to Green Engineering Company, East Chicago, Ind. Furnace. 1,477,896; Dec. 18.
Popper, Isaac C., assignor to The Theroz Company, New York, N. Y. Coffee urn. 1,457,392; June 5.
Popper, Isaac C., assignor to The Theroz Company, New York, N. Y. Portable stove. 1,458,544; June 12.
Popper, Joseph, assignor of one-half to Baird-Daniels Co., Inc., New York, and one-half to R. H. Popper, Brooklyn, N. Y. Toy. 1,451,085; Apr. 10.
Popper, Joseph, assignor of one-half to Baird-Daniels Company, Incorporated, New York, and one-half to R. H. Popper, Brooklyn, N. Y. Toy pistol. 1,460,441; July 3.
Popper, Ruby H., et al. (See Popper, Joseph, assignor.)
Poppert, Henry A., assignor to Henry A. Poppert & Son Company, Milwaukee, Wis. Steam-pressure cooker. 1,453,255; Apr. 24.
Poppert, Henry A., & Son Company. (See Poppert, Henry A., assignor.)
Popps, George, Massena, N. Y. Hook. 1,470,481; Oct. 9.
Porcelain Insulator Corporation, The. (See Plimpton, Bentley A., assignor.)
Pordes, Dore, assignor to Fa. P. S.-Vergaser- und Apparatebau-Aktiengesellschaft. Vienna, Austria. Carburetor for internal-combustion engines. 1,477,280; Dec. 11.
Porell, Frank A., Sanford, Me. Valve-operating mechanism. 1,477,897; Dec. 18.
Poritz, Frederick M., assignor to Star Chandelier Company, Inc., New York, N. Y. Chandelier. Des. 62,343; May 8.
Poritz, Frederick M., assignor to Star Chandelier Co. Inc., New York, N. Y. Chandelier. Des. 62,589; June 19.
Poritz, Frederick M., assignor to Star Chandelier Company, New York, N. Y. Electric-candle wall bracket. Des. 62,868; Aug. 14.
Poritz, Frederick M., assignor to Star Chandelier Company, New York, N. Y. Electric wall-bracket plate. Des. 62,869; Aug. 14.
Poritz, Frederick M., assignor to Star Chandelier Company, New York, N. Y. Ceiling chandelier. Des. 63,060; Sept. 25.
Poritz, Frederick M., assignor to Star Chandelier Company Inc., New York, N. Y. Body holder for a chandelier. Des. 63,583; Dec. 18.
Poritz, Frederick M., assignor to Star Chandelier Company Inc., New York, N. Y. Candle holder for a chandelier. Des. 63,584; Dec. 18.
Poritz, Frederick M., assignor to Star Chandelier Company, Inc., New York, N. Y. Chandelier. Des. 63,585; Dec. 18.
Poritz, Frederick M., assignor to Star Chandelier Company Inc., New York, N. Y. Chandelier. Des. 63,586; Dec. 18.
Poritz, Frederick M., assignor to Star Chandelier Company Inc., New York, N. Y. Chandelier. Des. 63,587; Dec. 18.
Port Townsend Camera Co. (See Torka, F., and Redders, assignors.)
Portable Elevator Mfg. Co. (See Irey, John H., assignor.)
Portass, Charles, et al. (See Portass, Frederick W., assignor.)
Portass, Frederick W., assignor of one-third to C. Portass and one-third to S. M. Portass, Sheffield, England. Cinematograph apparatus. 1,455,766; May 15.
Portass, Stanley M., et al. (See Portass, Frederick W., assignor.)

Portello, Frank P., assignor of one-third to J. B. Oberle and one-third to W. A. Hall, Portland, Oreg. Automatic switch closer for tracks. 1,449,778; Mar. 27.
Porteous, Robert C., and J. A. Tannahill, Montreal, Quebec, Canada. Combination gasoline safety lock. 1,444,083; Feb. 6.
Porter, Adelaide M., Greenwich, Conn., assignor to Huyler's, New York, N. Y. Novelty candy package. 1,468,743; Sept. 25.
Porter, Albert N., Tulsa, Okla. Target. 1,478,250; Dec. 18.
Porter, Arthur P., Wolfeboro, N. H. Water-closet. 1,440,892; Jan. 2.
Porter, Clovis A., and O. C. Brewster, Casper, Wyo., assignors of one-half to P. Sullivan and G. R. Hagens, Casper, Wyo. Process and apparatus for centrifugal separation. 1,452,388; Apr. 17.
Porter, Finley R., Port Jefferson, N. Y., assignor to Knight American Patents Company, Chicago, Ill. Internal-combustion engine. 1,465,560; Aug. 21.
Porter, Henry K., Brookline, Mass. Cutting tool. 1,476,640; Dec. 4.
Porter, Hollis P., Tulsa, Okla. Apparatus for treating fresh petroleum. 1,471,705; Oct. 23.
Porter, J. E., Corporation. (See Weintz, William L., assignor.)
Porter, James M., Springdale, Pa. Mechanical stoker. 1,442,295; Jan. 16.
Porter, James V., assignor of one-half to T. J. Watson, Conneaut, Ohio. Milk-bottle container. 1,472,437; Oct. 30.
Porter, John A., Macon, Ga. Positive let-off motion for looms. 1,454,767; May 8.
Porter, John M., Wilmington, N. C. Windmill. 1,465,174; Aug. 14.
Porter, Louis E., Connellsville, Pa. Moistener. 1,450,817; Apr. 3.
Porter, Louis N. (See Porter, Winfred S., assignor.)
Porter, Raphael A., Payson, Utah. Vegetable slicer. 1,461,160; July 10.
Porter, Russell W., Springfield, Vt. Reflecting telescope. 1,468,973; Sept. 25.
Porter, Will R., Elmhurst, N. Y., assignor to The S. S. White Dental Manufacturing Company. Dental-engine handpiece. Re15,681; Aug. 21.
Porter, Will R., Prince Bay, N. Y., assignor to The S. S. White Dental Manufacturing Company. Tool handle. 1,470,100; Oct. 9.
Porter, Willard E., Lynn, Mass., assignor to General Electric Company. Meter bearing. 1,459,987; June 26.
Porter, William O., Chicago, Ill. Attachment for bathtubs. 1,468,744; Sept. 25.
Porter, Wilson E., assignor to The New Haven Clock Company, New Haven, Conn. Self-contained removable power unit for clock movements. 1,459,343; June 19.
Porter, Wilson E., assignor to New Haven Clock Co., New Haven, Conn. Chime and strike clock. 1,465,090; Aug. 14.
Porter, Wilson E., assignor to New Haven Clock Co., New Haven, Conn. Clock movement. 1,478 759; Dec. 25.
Porter, Winfield P., New York, N. Y. Pneumatic tube and making the same. 1,454,074; May 8.
Porter, Winfield P., New York, N. Y. Projectile. 1,455,354; May 15.
Porter, Winfred S., assignor of one-half to L. N. Porter, Blair, Nebr. Incubator. 1,471,805; Oct. 23.
Porterfield, Leonadus C., St. Louis, Mo. Washing machine. 1,476,178; Dec. 4.
Porth, Harry W. L., assignor to Swift & Company, Chicago, Ill. Attachment for skinning knives. 1,452,893; Apr. 24.
Portner, William M., Freeport, Ill. Mop wringer. 1,475,083; Nov. 20.
Portsmouth Auto Body Company. (See Boyan, T. J., and Eklund, assignors.)
Portzer, Edward A., St. Marys, Pa. Antiskid chain. 1,460,803; July 3.
Pos, Joseph H. (See Olhasso, J. J., Goss, and Pos.)
Poschadel, Leonard R., Milwaukee, Wis. Refrigerating apparatus. 1,445,553; Feb. 13.
Positive Traction Motors Corporation, et al. (See Dusseau, Maurice G., assignor.)
Posler, Adam. (See Gottwald, J., and Posler.)
Posner, Abraham, Brooklyn, N. Y. Fashioned ankle and arch support. 1,465,233; Aug. 14.
Posner, Israel A., Providence, R. I. Jewelry clasp. 1,441,999; Jan. 9.
Posnick, George, Springfield, Mass. Shaving gauge. 1,442,359; Jan. 16.
Posselt, Otto W. F., New York, N. Y. Collapsible umbrella. 1,455,410; May 15.
Posson, Edward, Chicago, Ill. Yoke-key support. 1,463,555; July 31.
Possons, Minard A., and A. J. Blackford, Cleveland, Ohio, assignors to American Stove Company, St. Louis, Mo. Blue-flame oil stove. 1,441,880; Jan. 9.
Post, Charles R., New Rochelle, N. Y. Electric writing instrument. 1,447,730; Mar. 6.
Post, Claude L., Chicago, Ill. Envelope-feeding mechanism. 1,460,603; July 3.
Post, Cornelia M., Philadelphia, Pa., assignor to The Paraffine Companies, Inc., San Francisco, Calif. Linoleum, oilcloth, or floor covering. Des. 63,490; Dec. 11.
Post, Cornelia M., Philadelphia, Pa., assignor to The Paraffine Companies, Inc., San Francisco, Calif. Linoleum, oilcloth, or floor covering. Des. 63,491; Dec. 11.
Post, Cornelia M., Philadelphia, Pa., assignor to The Paraffine Companies, Inc., San Francisco, Calif. Linoleum, oilcloth, or floor covering. Des. 63,492; Dec. 11.
Post, Cornelia M., Philadelphia, Pa., assignor to The Paraffine Companies, Inc., San Francisco, Calif. Linoleum, oilcloth, or floor covering. Des. 63,493; Dec. 11.
Post, Edwin M., jr., assignor to International Motor Company, New York, N. Y. Self-propelled railway car. 1,474,732; Nov. 20.
Post, Georgia A., Forest Hills, N. Y. Game. 1,451,108; Apr. 10.
Post, Harold L., Appleton, Wis. Baseball game. 1,449,014; Mar. 20.
Post, Harry M. and L. O., assignors of one-third to M. M. Swain, Los Angeles, Calif. Two-cycle gas engine. 1,473,515; Nov. 6.
Post, John E., Durand, Mich. Gate. 1,462,766; July 24.
Post, Judson. (See Witter, Ezra E., assignor.)
Post, Leo O. (See Post, Harry M. and L. O.)
Post, Truman W., Providence, R. I., assignor to Electric Auto-Lite Corporation, Toledo, Ohio. Headlight. 1,461,544; July 10.
Post, Truman W., New York, N. Y., assignor to Electric Auto-Lite Corporation, Toledo, Ohio. Headlight. 1,471,355; Oct. 23.
Postel, Carl, assignor to American Shale Reduction Company, New York, N. Y. Apparatus for extracting volatile matter. 1,458,357; June 12.
Postel, Jacob H., San Mateo, Calif. Fountain brush.
Postel-Vinay, Pierre J. R., assignor to Societe Des Moteurs Salmson (Systeme Canton-Unne,) Paris, France. Distributing brush holder for magnetos with two simultaneous sparks. 1,468,248; Sept. 18. 1,444,084; Feb. 6.
Postel-Vinay, Pierre J. R., assignor to Societe des Moteurs Salmson (Systeme Canton-Unne), Paris, France. Means for securing rotary members of contractile material to metallic hubs. 1,463,838; Aug. 7.
Postel-Vinay, Pierre J. R., assignor to Societe des Moteurs Salmson Systeme Canton-Unne, Paris, France. Valve-actuating lever for internal-combustion engines. 1,467,964; Sept. 11.
Postell, Harry H. (See Walters, George M., assignor.)
Poston Brick Company. (See Poston, Emmett V., assignor.)
Poston, Burton C., Chillicothe, Ohio. Couch bed. 1,456,146; May 22.
Poston, Emmett V., assignor to Poston Brick Company, Springfield, Ill. Surfacing clay products. 1,477,663; Dec. 18.
Postranecky, Carl, Dresden, Germany. Apparatus for grinding or mixing cacao, chocolate, and the like. 1,443,926; Jan. 30.
Potash Extraction Corporation. (See Glaeser, Walter, assignor.)
Potash Reduction Company. (See Stevens, Truman E., assignor.)
Potchernick, George, San Antonio, Tex. Steering wheel. 1,468,324; Sept. 18.
Potstada, George, Oakland, Calif. Combination lamp stand and lamp protector. 1,440,694; Jan. 2.
Pottala, John, Fitchburg, Mass. Sled. 1,453,948; May 1.
Pottenger, James W., Kankakee, Ill. Chicken coop. 1,464,581; Aug. 14.
Potter, Albert T., assignor to Ainsworth Manufacturing Company, Detroit, Mich. Windshield. 1,444,885; Feb. 13.
Potter, Albert T., assignor to Ainsworth Manufacturing Company, Detroit, Mich. Windshield pivot mounting. 1,449,055; Mar. 20.
Potter, Bernard U., and W. M. Fleming, Holyoke, Mass., assignors to Worthington Pump and Machinery Corporation, New York, N. Y. Pump. 1,449,443; Mar. 27.
Potter & Buffinton Company. (See Weed, Edward L., assignor.)
Potter, Charles E., Toronto, Ontario, Canada. Paper clip. 1,457,042; May 29.
Potter, Clarence E., Baltimore, Md. Battery connector. 1,460,604; July 3.
Potter, Daniel W., Lowell, Mass. Automobile topping fabric. 1,443,195; Jan. 23.
Potter Drug & Chemical Corporation. (See Simpson, Louis H., assignor.)
Potter, Earle F., assignor to The Potter Specialties Company, Chicago, Ill. Indicating device. 1,466,479; Aug. 28.
Potter, Frederic W., Los Angeles, Calif., assignor to Fitz-Empire Double Pivot Last Company, Auburn, Me. Pattern-grading machine. 1,473,738; Nov. 13.
Potter, Gurdon. (See Dunn, A. W., and Potter.)

Potter, John O., and J. Cooper, assignors to The Twin Bobbin Sewing Machine Company, Limited, Ashton-under-Lyne, England. Sewing machine. 1,441,881; Jan. 9.
Potter, Robert S., Greenwich, assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Door closer. 1,478,615; Dec. 25.
Potter Specialties Company, The. (See Potter, Earle F., assignor.)
Potter, Washington M., Freedom, Pa. Suspender. 1,450,303; Apr. 3.
Potter, William J. (See Browne, H. T., and Diard, assignors.)
Potthoff, Louis, deceased, by Hamilton Trust Company, executor, Brooklyn, N. Y. Electroplating apparatus. 1,475,198; Nov. 27.
Pottinger, John J., Oakland, Calif. Automobile lock. 1,443,824; Jan. 30.
Pottruck, Irving, and N. Shalit, New York, N. Y. Photographic-print-washing machine. 1,456,514; May 29.
Potts, Charles A. (See Goodhart, Howard B., assignor.)
Potts, Clifton W., Plano, Tex. Extracting device. 1,458,976; June 5.
Potts, James, Seattle, Wash. Flytrap. 1,455,808; May 22.
Potts, Louis M., Baltimore, Md., assignor, by mesne assignments, to American Telephone and Telegraph Company, New York, N. Y. Transmitting apparatus for electrical telegraphs. 1,452,527; Apr. 24.
Potts Manufacturing Company. (See Gibson, Oliver E., assignor.)
Pouch, Oscar G., New York, N. Y. Control panel for heating equipment. 1,477,149; Dec. 11.
Pougher, Arthur W., Manchester, England. Duplex lens. 1,457,393; June 5.
Pougher, Thomas, St. Louis, Mo. Book and making same. 1,447,731; Mar. 6.
Poulk, John B., assignor of one-half to B. D. Roberts, Streator, Ill. Tread for auto tires. 1,452,894; Apr. 24.
Pouler, Paul P., Waterville, Me. Window-shade bracket. 1,474,552; Nov. 20.
Poulin, Alexandre N. (See Jorgensen, H. L., and Poulin.)
Poulin, Hector L. and U. A., Anthony, R. I., assignors to The Rosella Mills Inc. Belt and making same. 1,452,704; Apr. 24.
Poulin, Ulric A. (See Poulin, Hector L. and U. A.)
Poulos, Bill H., Haugan, Mont. Anticreeping tie plate. 1,468,833; Sept. 25.
Poulsen, Edward P., Mendham, N. J. Mop wringer. 1,463,750; July 31.
Poulsen, Eiler, New York, N. Y. Combined window shade and awning. 1,476,464; Dec. 4.
Poulsen, Herbert C. V., Walnut, Iowa. Steering mechanism. 1,476,104; Dec. 4.
Poultry Specialty Company. (See Harris, Christopher, assignor.)
Poumade, Théodore M., Marseille, France. Automatic grain-weighing and sack-filling machine. 1,455,658; May 15.
Pound, Harry L. (See Adams, W. R., and Pound.)
Powel, Henry C., London, England, assignor to T. A. Lewis, New York, N. Y. Device for the promoting and controlling of the circulation of water in water-tube boilers. 1,469,531; Oct. 2.
Powell, A. L., Power Co., The. (See Powell, Alvah L., assignor.)
Powell, Alda J., Wyoming, Del. Visible-account file. 1,442,176; Jan. 16.
Powell, Alphonse L., Altus, Okla. Tire-inflating apparatus. 1,464,443; Aug. 7.
Powell, Alva R., and V. H. Futch, Nashville, Ga. Dispensing apparatus. 1,447,321; Mar. 6.
Powell, Alva R., and V. H. Futch, Nashville, Ga. Dispensing apparatus. 1,458,000; June 5.
Powell, Alvah L., assignor to The A. L. Powell Power Co., Miles City, Mont. Internal-combustion engine. 1,442,822; Jan. 23.
Powell, Alvah L., assignor to The A. L. Powell Power Co., Miles City, Mont. Internal-combustion engine. 1,454,075; May 8.
Powell, Alvah L., assignor to The A. L. Powell Power Co., Inc., Miles City, Mont. Internal-combustion engine. 1,461,495; July 10.
Powell, Alvah L., assignor to The A. L. Powell Power Co., Inc., Miles City, Mont. Mechanical igniter. 1,463,751; July 31.
Powell, Alvah L., Roundup, Mont., assignor to The A. L. Powell Power Company, Incorporated. Engine. 1,478,357; Dec. 18.
Powell, Arthur, and C B Neal, McAlester, Okla. Rail joint. 1,457,746; June 5.
Powell, Buren D., Kosse, Tex. Spool and thimble rack. 1,456,401; May 22.
Powell, Edward W., Chicago, Ill. Switching valve for air transport systems. 1,448,941; Mar. 20.
Powell, Edwin L., and C. E. Motto, Washington, D. C. Grid leak. 1,453,724; May 1.
Powell, Ernest A., Rawson, Ohio. Stock-watering device. 1,459,293; June 19.
Powell, George G., New York, assignor of one-half to I. V. McGlone, Jamaica, N. Y. Making concrete piles. 1,461,451; July 10.
Powell, George O., Wynnewood, Okla. Churn. 1,468,745; Sept. 25.
Powell, Harry H., Sheffield, and W. Shackleton, Datchet, England, assignors to J. A. Smith, Syracuse, N. Y. Side car for motor cycles. 1,448,039; Mar. 13.
Powell, Homer. (See Hathaway, Robert W., assignor.)
Powell, James F., Flint, assignor of fifty-one per cent to V. F. Brown, Ann Arbor, Mich. Fastener. 1,454,251; May 8.
Powell, John O. (See Folland, H., and Powell.)
Powell, John R., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Apparatus for the manufacture of bifocal lens blanks. 1,451,957; Apr. 17.
Powell, Joseph M., Brooklyn, Ind., assignor to Eagle Iron Works, Des Moines, Iowa. Shale planer. 1,454,519; May 8.
Powell, Milton W., Baltimore, Md. Stopper. 1,453,601; May 1.
Powell, Norris D., Chester, Pa., assignor, by mesne assignments, to Baldt Anchor & Chain Company. Anchor. 1,451,109; Apr. 10.
Powell, Norris D., Chester, Pa., assignor, by mesne assignments, to Baldt Anchor & Chain Company. Anchor. 1,451,370; Apr. 10.
Powell, Walter R., New York, N. Y. Kitchen ventilator. 1,477,590; Dec. 18.
Powell, William H., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. System of control of electrical circuits. 1,447,570; Mar. 6.
Powell, Winfred T., Rochester, N. Y., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Automatic telephone system. 1,443,645; Jan. 30.
Powell, Winfred T., Rochester, N. Y., assignor to The Stromberg-Carlson Telephone Mfg. Company, Rochester, N. Y. Automatic telephone system. 1,443,646; Jan. 30.
Powell, Winfred T., assignor to The Stromberg-Carlson, Telephone Manufacturing Company, Rochester, N. Y. Trouble-locating device. 1,450,563; Apr. 3.
Powell, Winfred T., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Impulse transmitter. 1,458,545; June 12.
Powell, Winfred T., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Mechanical switching system. 1,459,859; June 26.
Powell, Winfred T., assignor to The Stromberg Carlson Telephone Manufacturing Company, Rochester, N. Y. Automatic telephone system. 1,459,860; June 26.
Powell, Winfred T., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Automatic telephone system. 1,462,819; July 24.
Powell, Winfred T., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Automatic telephone system. 1,463,972; Aug. 7.
Powell, Winfred T., Rochester, N. Y., assignor to Automatic Electric Company, Chicago, Ill. Automatic telephone system. Re15,682; Aug. 28.
Powell, Winfred T., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Automatic telephone system. 1,468,249; Sept. 18.
Power, Joseph S. (See Pearson, J. W., and Power.)
Power, Nicholas, Brooklyn, assignor to Nicholas Power Company, New York, N. Y. Stand for moving-picture machines. 1,449,870; Mar. 27.
Power, Nicholas, Brooklyn, assignor to Nicholas Power Company, New York, N. Y. Fire-preventing device for motion-picture machines. 1,467,812; Sept. 11.
Power, Nicholas, Company. (See Power, Nicholas, assignor.)
Power Specialty Company. (See Keenan, Walter F., jr., assignor.)
Power Specialty Company. (See Nelis, Joseph J., assignor.)
Power Transmitting Company, organized under declaration of trust. (See Kramer, Emil M., assignor.)
Power Truck and Tractor Company. (See McGoldrick, William J., assignor.)
Powers Accounting Machine Corporation. (See Lasker, William W., assignor.)
Powers, Bert, Gaston, Ind. Separator element. 1,474,440; Nov. 20.
Powers, Fred W., Chicago, Ill. Pilot burner. 1,474,641; Nov. 20.
Powers, Fred W., assignor to The Powers Regulator Company, Chicago, Ill. Pilot-burner control. 1,469,394; Oct. 2.
Powers, Fred W., and M. O. Snediker, assignors to The Powers Regulator Co., Chicago, Ill. Thermostatic water mixer. 1,455,934; May 22.
Powers, Harry W., Northwest, Va. Wheel rim. 1,447,687; Mar. 6.
Powers, Horace, Mounds, Okla. Chain tool. 1,441,944; Jan. 9.
Powers, James F., Linwood, Pa. Hot-air heating apparatus. 1,453,180; Apr. 24.
Powers, John T. (See Kreager, W. J., and Powers.)
Powers, John T., assignor, by mesne assignments, to The Combination Lock Company, Denver, Colo. Permutation lock for automobiles. 1,444,640; Feb. 6.
Powers, Leland. (See Price, David R., assignor.)
Powers Photo Engraving Company. (See Benedict, George H., assignor.)

Powers Regulator Co., The. (See Powers, F. W., and Snediker, assignors.)
Powers Regulator Company, The. (See Powers, Fred W., assignor.)
Powers, Timothy B., Brooklyn, N. Y. Screw driver. 1,459,708; June 19.
Powers, Timothy B., Brooklyn, assignor, by mesne assignments to Turn-O-Stop Manufacturing Corporation, Inc., New York, N. Y. Signal for vehicles. Re15,594; May 1.
Powers, W. F., Company, The. (See Carter, Willis M., assignor.)
Powers, Walter, Cambridge, Mass. Device for use in searching for golf balls and similar articles. 1,448,505; Mar. 13.
Powers, William E. (See Brown, Harry P., assignor.)
Powers, William E., Boston, and M. F. Hannigan, Watertown, Mass. Pneumatic tire. 1,456,908; May 29.
Pownall, Henry D., Canton, Ohio. Artificial-ice-making apparatus. 1,474,551; Nov. 20.
Pownall, Henry D., Canton, Ohio. Tank-room structure. 1,478,396; Dec. 25.
Poyet, Maurice J., Paris, France. Rotary machine. 1,459,637; June 19.
Pozdech, Adolph F., Newark, N. J. Enamel composition. 1,452,219; Apr. 17.
Pracht, Fred, Williamsville, Mo. Wire fastener for fence-posts. 1,450,644; Apr. 3.
Prahar, Robert L., Brooklyn, N. Y. Bag frame. 1,451,028; Apr. 10.
Prahar, Robert L., Brooklyn, N. Y. Bag frame. 1,473,972; Nov. 13.
Prahar, Robert L., Brooklyn, N. Y. Bag frame. 1,473,973; Nov. 13.
Prange, Oscar H. (See Weske, G. J., Gensler, and Prange.)
Prat, Emile, assignor to Société des Cheminées Louis Prat à Tirage Induit, Paris, France. Draft-producing device for locomotives. 1,445,800; Feb. 20.
Prat, Emile, assignor to Société des Cheminées Louis Prat à Tirage Induit, Paris, France. Chimney draft device with two fans. 1,454,560; May 8.
Prat, Emile, assignor to Société des Cheminées Louis Prat à Tirage Induit, Paris, France. Induced and forced draft apparatus. 1,473,870; Nov. 13.
Prat, Georges J., Paris, France. Chimney draft device. 1,454,561; May 8.
Prat, Georges J., Paris, France. Induced and suction draft device. 1,470,187; Oct. 9.
Prat, Louis, Paris, France. Induced-draft device. 1,465,683; Aug. 21.
Pratt, Allen H., Philomath, Oreg. Bookrest. 1,476,838; Dec. 11.
Pratt, Arthur D., New York, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Water-tube boiler. 1,474,162; Nov. 13.
Pratt, Arthur S., Lincoln Place, Pa. Laundry clothes stick. 1,465,175; Aug. 14.
Pratt, Benjamin H., Milwaukee, assignor to The Badger Rubber Works, Cudahy, Wis. Tire. Des. 63,494; Dec. 11.
Pratt, Charles F., Plymouth, Wis. Cigarette extinguisher. 1,464,998; Aug. 14.
Pratt, Charles R., Montclair, N. J., assignor to The E. Horton & Son Company, Windsor Locks, Conn. Chuck. 1,446,060; Feb. 20.
Pratt, Charles R., Montclair, N. J., assignor to The E. Horton & Son Company, Windsor Locks, Conn. Chuck. 1,446,061; Feb. 20.
Pratt, Charles R., Montclair, N. J., assignor to The E. Horton & Son Company, Windsor Locks, Conn. Chuck. 1,446,062; Feb. 20.
Pratt, Charles R., Montclair, N. J., assignor to The E. Horton & Son Company, Windsor Locks, Conn. Chuck. 1,446,063; Feb. 20.
Pratt, Charles R., Montclair, N. J., assignor to The E. Horton & Son Company, Windsor Locks, Conn. Chuck. 1,446,064; Feb. 20.
Pratt, Charles R., Montclair, N. J., assignor to The E. Horton & Son Company, Windsor Locks, Conn. Chuck. 1,446,065; Feb. 20.
Pratt, Charles R., Montclair, N. J., assignor to The E. Horton & Son Company, Windsor Locks, Conn. Machine tool, chuck, and chucking system. 1,465,234; Aug. 14.
Pratt, Charles R., Montclair, N. J., and J. C. Heslip, Kansas City, Mo.; said Heslip assignor to said Pratt. Cable-tension-equalizing device. 1,474,911; Nov. 20.
Pratt, Emil B., East Cleveland, Ohio. Reducing metallic oxides. 1,459,187; June 19.
Pratt, George R., Richmond, Va. Portable drinking fountain. 1,453,725; May 1.
Pratt, Haraden, assignor to A. Taylor, San Francisco, Calif. Radio frequency transmission system. 1,454,652; May 8.
Pratt, Haraden, San Francisco, H. F. Elliott, Palo Alto, and E. B. Murphy, Burlingame, assignors to A. Taylor, San Francisco, Calif. Radiotelegraph signaling system. 1,471,319; Oct. 16.
Pratt, Howell D., Philadelphia, Pa., assignor to Link-Belt Company, Chicago, Ill. Box-car unloader. 1,443,240; Jan. 23.
Pratt, John, Toronto, Ontario, Canada. Window ventilator. 1,446,066; Feb. 20.
Pratt, John B., Schenectady, N. Y., assignor to General Electric Company. Modulator. 1,449,871; Mar. 27.
Pratt, John T., Tiptonville, Tenn. Tile and fastening means therefor. 1,468,544; Sept. 18.
Pratt, Joshua C., Framingham, Mass. Power-transmission device. 1,458,499; June 12.
Pratt, Samuel T., assignor of one-fourth to M. J. McDonald and A. V. McDonald, Nanticoke, Pa. Miner's ticket box. 1,474,553; Nov. 20.
Pratt, Walter M., Detroit, Mich. Roof truss. 1,440,695; Jan. 2.
Pratt & Whitney Company. (See Blood, Bryant H., assignor.)
Pratt & Whitney Company. (See Buckingham, Earle, assignor.)
Pratt & Whitney Company. (See Erdman, Albert W., assignor.)
Pratt & Whitney Company. (See Hanson, Bengt M. W., assignor.)
Pratt & Whitney Company. (See Hill, Reuben, assignor.)
Pratt & Whitney Company. (See Hoagland, Frank O., assignor.)
Pratt & Whitney Company. (See Hoke, William E., assignor.)
Pratt & Whitney Company. (See Knowles, Carroll, assignor.)
Pratt & Whitney Company. (See La Ducer, Jerry J., assignor.)
Pratt & Whitney Company. (See Müller, Friederich, assignor.)
Pratt & Whitney Company. (See Müller, F., and Wildhaber, assignors.)
Pratt & Whitney Company. (See Rusnak, John M., assignor.)
Pratt & Whitney Company. (See Taylor, Charles H, assignor.)
Pratt & Whitney Company. (See Teller, Spencer J., assignor.)
Pratt & Whitney Company. (See Thacher, John J., assignor.)
Pratt & Whitney Company. (See Vokal, Paul F., assignor.)
Pratt & Whitney Company. (See Walch, William J., assignor.)
Pratt & Whitney Company. (See Wood, Robert W., assignor.)
Pratt, William, Des Moines, Iowa. Beater device for hog-scraping machines. 1,460,863; July 3.
Pratt, William B., Wellesley, assignor to E. H. Clapp Rubber Company, Boston, Mass. Vulcanized-rubber solution and producing it. 1,451,711; Apr. 17.
Pratt, William B., Wellesley, assignor to E. H. Clapp Rubber Company, Boston, Mass. Reclaiming vulcanized rubber. 1,461,675; July 10.
Pratt, William E. (See Barker, George R., assignor.)
Pratt, William F. B., Paterson, N. J. Extension lever. 1,450,113; Mar. 27.
Praulx, Charles A., Woonsocket, R. I. Spindle. 1,442,177; Jan. 16.
Prax, Joseph F., Rochester, N. Y. Battery connection. 1,467,651; Sept. 11.
Pray, Thomas E., assignor to Goodman Manufacturing Company, Chicago, Ill. Locomotive. 1,451,889; Apr. 17.
Pray, Thomas E., assignor to Goodman Manufacturing Company, Chicago, Ill. Cutter chain for mining machines. 1,472,736; Oct. 30.
Pray, Thomas E., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 1,476,726; Dec. 11.
Pray, Thomas N., Denver, Colo. Automobile fender. 1,441,748; Jan. 9.
Preatka, Joseph, New York, N. Y. Flying machine. 1,478,397; Dec. 25.
Preble, James J., Waltham, and L. H. Parker, assignors to Spray Engineering Company, Boston, Mass. Method and apparatus for cooling and cleaning air. 1,457,987; May 29.
Prebluda, Barney, Fall River, assignor of one-half to I. Chernock, Boston, Mass. Metallic heel for shoes. 1,478,143; Dec. 18.
Precision Thermometer & Instrument Company. (See Waser, Carl R., assignor.)
Preiswerk, Ernst, Basel, Switzerland, assignor to The Hoffmann-La Roche Chemical Works. Chemical compound isopropylallylbarbituric acid. 1,444,802; Feb. 13.
Preiswerk, Ernst, Basel, Switzerland, assignor to The Hoffmann-La Roche Chemical Works, New York, N. Y. Easily and neutrally soluble double compounds of 1-allyl-3.7-dimethylxanthine. 1,455,264; May 15.
Prellwitz, William, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Shaft coupling. 1,448,506; Mar. 13.
Prellwitz, William, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Compressor. 1,467,066; Sept. 4.
Premier Motor Corporation. (See Crawford, Charles S., assignor.)
Premier Private Telephone Company. (See Kay, J., and Jennings, assignors.)
Premro, Anton, Eldred, Pa. Rope grip for well-drilling apparatus. 1,476,218; Dec. 4.
Prendergast, Edward, St. Louis, Mo. Repair link for chains. 1,454,335; May 8.

Alphabetical list of patentees—Continued.

Prendergast, Edward, St. Louis, Mo. Road-ditching machine. 1,454,336; May 8.
Prendergast, Frank P., Kersey, Pa. Broom. 1,465,684; Aug. 21.
Prendergast, George G., St. Louis, Mo. Apparatus for moving derricks and the like. 1,464,582; Aug. 14.
Prendergast, Harold Y., Brooklyn, N. Y. Sound box. 1,443,274; Jan. 23.
Prentice, Arthur T., Somerset West, Cape of Good Hope, South Africa. Burning sulphur. 1,458,001; June 5.
Prentice, George E., New Britain, Conn. Belt buckle. 1,443,145; Jan. 23.
Prentice, George E., Berlin, Conn. Buckle. 1,475,720; Nov. 27.
Prentiss-Wabers Stove Company. (See Taylor, T. A., and Yeager, assignors.)
Prentiss-Wabers Stove Company. (See Yeager, Anton J., assignor.)
Prentiss, William A., Holyoke, Mass. (Collapsible spool. 1,461,736; July 17.
Preo, John L., and I. Henne, New York, N. Y. Heel-seat die. 1,444,085; Feb. 6.
Presbrey, Otis F., Brooklyn, N. Y. Grinding machine. 1,463,335; July 31.
Prescett, George H., Oakland, Calif. Pin guard for trailer hitches. 1,457,747; June 5.
Prescott, Charles A., Providence, R. I. Spring compressor. 1,459,692; June 19.
Prescott, Frederick M. (See Nadel, Louis D., assignor.)
Prescott, Jesse, Webster, Mass. Piston ring. 1,444,938; Feb. 13.
Prescott, Jesse H., Medford, Mass., assignor to W. K. Logee, Providence, R. I. Draft-controlling device for furnaces. 1,444,523; Feb. 6.
Prescott, Sydney I., New York, N. Y. Internal-combustion engine. 1,477,591; Dec. 18.
Prescott, Sydney I., New York, N. Y., and F. J. Rummler, Lyndhurst, N. J. Wheel rim. 1,467,588; Sept. 11.
Prescott, Theodore. (See Welch, F. M., and Prescott)
Prescott, William E., assignor to Joseph Baker & Sons, Limited, London, England. Charging of cocoa-butter presses and the like. 1,451,432; Apr. 10.
Prescott, William E., London, assignor to Messrs. John Baker Sons & Perkins Limited, Willesden, England. Extrusion press. 1,472,249; Oct. 30.
Presgraves, Charles C., and W. L. Golden, Hagerstown, Md. Signal. 1,441,525; Jan. 9.
Press, George, Freedom, Okla. Metallic railway tie. 1,476,641; Dec. 4.
Pressed Steel Car Company. (See Blest, Minot C., assignor.)
Pressed Steel Car Company. (See Kurtz, Benjamin F., assignor.)
Pressed Steel Car Company. (See Streib, John F., assignor.)
Pressed Steel Car Company. (See Winell, Karl O., assignor.)
Pressed Steel Tank Company. (See Hackney, Robert H., assignor.)
Pressey, Wilbur A., Pittsfield, Mass., assignor to General Electric Company. Transformer installation. 1,459,988; June 26.
Pressler, Adolf W., Keene, N. H. Advertising sign. Des. 62,364; May 15.
Pressure Proof Piston Ring Company. (See Anderson, James G., assignor.)
Pressure Proof Piston Ring Company. (See Marshall, Lewis C., assignor.)
Prest-O-Lite Co. (See Gossling, Walter E., assignor.)
Preston, Alfred D., Claremont, Western Australia, Australia. Railway-rail fastener. 1,442,701; Jan. 16.
Preston, Clarence S., San Diego, Calif. Vehicle tire. 1,442,905; Jan. 23.
Preston, Clarence S., San Diego, Calif. Resilient channel and cushion tire. 1,469,020; Sept. 25.
Preston, Edith B., Mexico, Mo. Attachment for motor vehicles. 1,465,864; Aug. 21.
Preston, Edward E., Leicester, England. Making warp knitted fabrics. 1,460,918; July 3.
Preston, Elmont F. (See Sides, W. W., and Preston.)
Preston, Frederick A., Highland Park, assignor to The P. & M. Company, Chicago, Ill. Anticreeper tie plate. 1,445,038; Feb. 13.
Preston, Neil D. (See Dodge, L. E., and Preston.)
Prestwich, Sydney, Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Centrifugal extractor. 1,476,179; Dec. 4.
Pretot, Marcel. (See Corpi, D., and Pretot.)
Preuss, Emile V., Txelle, near Brussels, Belgium. Apparatus for the fabrication of concrete-construction elements. 1,468,325; Sept. 18.
Preuss, Fred A., Humphrey, Nebr. Seed-corn sheller. 1,472,672; Oct. 30.
Prew, Charles, Fall River, Mass. Flier. 1,474,287; Nov. 13.
Prewitt, John C., Santa Margarita, Calif. Road-map holder. 1,447,322; Mar. 6.
Prewitt, John C., Santa Margarita, Calif. Road-map holder. 1,447,323; Mar. 6.
Přibyl, Jaroslav, Prague, Czechoslovakia. Guitar and the like. 1,472,991; Nov. 6.
Price, Albert E., Victoria, British Columbia, Canada. Culinary chopping device. 1,446,767; Feb. 27.
Price, Arthur R., assignor of one-half to S. M. Ross, Detroit, Mich. Window-control mechanism. 1,457,316; June 5.
Price, Charles S., Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electric switch. 1,452,931; Apr. 24.
Price, David R., assignor of one-half to L. Powers, Newtonville, Mass. Flexible electrode. 1,447,357; Mar. 6.
Price, David R., assignor of one-half to L. Powers, Newtonville, Mass. Liquid-level indicator. 1,453,602; May 1.
Price Engine Corporation. (See Price, William T., assignor.)
Price, G. W., Pump and Engine Company. (See Price, G. W., and Zimansky, assignors.)
Price, G. W., Pump and Engine Company. (See Zimansky, Curt F., assignor.)
Price, George W., and A. H. Orrok, Brooklyn, N. Y. Means for accelerating traffic. 1,442,360; Jan. 16.
Price, Gomer W., and C. F. Zimansky, assignors to G. W. Price Pump and Engine Company, San Francisco, Calif. Antisand bearing. 1,456,713; May 29.
Price, Gomer W., and C. F. Zimansky, assignors to G. W. Price Pump and Engine Company, San Francisco, Calif. Well-pump construction. 1,456,714; May 29.
Price, Gomer W., and C. F. Zimansky, assignors to G. W. Price Pump and Engine Company, San Francisco, Calif. Shaft coupling. 1,464,337; Aug. 7.
Price, Jessie E., Los Angeles, Calif. Pneumatic composite heel. 1,467,875; Sept. 11.
Price, John C., Olcott, W. Va. Wheel grinding and truing machine. 1,451,958; Apr. 17.
Price, Joseph M. (See Dolan, Frank J., assignor.)
Price, Joseph W., jr. (See Light R. A., and Price.)
Price, Joseph W., jr., assignor to The United States Metallic Packing Company, Philadelphia, Pa. Piston-rod swab. 1,460,174; June 26.
Price, Lora G., Los Angeles, Calif. Cash box. 1,457,227; May 29.
Price, Mitchell D., Miami, Fla. Garter. 1,452,001; Apr. 17.
Price, Samuel, Ravenna, Ohio. Ring-forming machine. 1,468,673; Sept. 25.
Price, Stephen C., Louisiana, Mo. Measuring and dispensing device for liquids. 1,474,554; Nov. 20.
Price, Vernon J., Detroit, Mich. Safety device for banks. 1,445,237; Feb. 13.
Price, William E., New York, N. Y. Connection plug. 1,454,858; May 15.
Price, William T., Easton, Pa., assignor to Price Engine Corporation. Main bearing. 1,453,518; May 1.
Prichard, Benjamin H., Washington, D. C. Game. 1,448,087; Mar. 13.
Prichard, George L., and H. Henderson, Port Arthur, Tex., assignors to Gulf Refining Company, Pittsburgh, Pa. Producing low-boiling oils. 1,473,316; Nov. 6.
Prichard, George L., and H. Henderson, Port Arthur, Tex., assignors to Gulf Refining Company, Pittsburgh, Pa. Distilling with catalytic chemicals. 1,476,219; Dec. 4.
Prichard, Robert H., Los Angeles, Calif. Luggage carrier for automobiles. 1,478,251; Dec. 18.
Pricnow, John F., Indianapolis, Ind. Motor Drag Saw. 1,445,039; Feb. 13.
Priddey, Winwood. (See Fisher, S., and Priddey.)
Pridemore, William F., Stillwater, Minn. Adjustable spindle bolt. 1,474,057; Nov. 13.
Pridham, Edwin S., and P. L. Jensen, assignor to Magnavox Company, Oakland, Calif. Magnetizing device. 1,444,524; Feb. 6.
Pridham, Edwin S., and P. L. Jensen, assignors to Magnavox Company, Oakland, Calif. Electrodynamic receiver. 1,448,279; Mar. 13.
Priebe, Ernest B. (See Flemings, J. A., and Priebe.)
Priebe, Herman C., Blue Island, Ill. Draft gear. 1,451,959; Apr. 17.
Priebe, Herman C., Blue Island, Ill. Car door. 1,451,960; Apr. 17.
Priebe, Herman C., Blue Island, Ill. Draft gear. 1,451,961; Apr. 17.
Priebe, Herman C., Blue Island, Ill. Truck frame. 1,465,561; Aug. 21.
Priebe, Herman C., Blue Island, Ill. Draft gear. 1,466,727; Sept. 4.
Priebe, Herman C., Blue Island, Ill. Draft gear. 1,466,728; Sept. 4.
Priebe, Herman C., Blue Island, Ill. Friction draft gear. 1,470,285; Oct. 9.
Priebe, Herman C., Blue Island, Ill. Draft gear. 1,470,286; Oct. 9.
Priebe, Herman C., Blue Island, Ill. Draft gear. 1,470,287; Oct. 9.
Priebe, Herman C., Blue Island, Ill. Draft gear. 1,470,288; Oct. 9.
Priebe, Herman C., Blue Island, Ill. Car truck. 1,474,002; Nov. 13.
Priebe, Herman C., Blue Island, Ill. Draft gear. 1,478,578; Dec. 25.

Alphabetical list of patentees—Continued.

Priebe, Samuel W., Wyaconda, Mo. Frame for stacking grain. 1,457,936; June 5.

Priem, Friedrich P., Heidenheim-on-the-Brenz, Germany, assignor, by mesne assignments, to The Chemical Foundation, Inc. Narrowing fiber strips in manufacturing rovings from paper pulp and similar fibrous materials. 1,448,280; Mar. 13.

Priem, Samuel F., Shawano, Wis. Hat holder. 1,469,532; Oct. 2.

Priess, William H., Belmont, assignor to Wireless Specialty Apparatus Company, Boston, Mass. Apparatus for use in manufacturing condensers. 1,472,494; Oct. 30.

Priest, Frank M., Rusk, Tex. Bookstand. 1,446,352; Feb. 20.

Priest, John W., Boise, Idaho. Animal hopple. 1,460,919; July 3.

Priestley, Frank. (See Mertz, J. A., and Priestley.)

Prim, Floyd E. (See Prim, Joseph H., assignor.)

Prim, Joseph H., assignor of one-fourth to F. E. Prim, Saginaw, Mich. Vacuum suporting device. 1,466,961; Sept. 4.

Prim, Thomas M., Ontario, Calif. Automatic railway switch. 1,460,981; July 3.

Primak, Adam, Kenosha, Wis. Lock. 1,462,869; July 24.

Primak, Adam, Kenosha, Wis. Buckle. 1,464,188; Aug. 7.

Prime, George H., Norwich, N. Y. Minnow trap. 1,474,087; Nov. 13.

Prime, Wallace H., Brooklyn, N. Y. Card game. 1,458,849; June 12.

Primoshic, Frank, Woodside, N. Y., assignor to R. H. Binns and E. H. Binns, Pittsburgh, Pa. Button. 1,447,627; Mar. 6.

Primrose, John W., Clarksdale, Miss. Animal trap. 1,461,288; July 10.

Primrose, John W., Clarksdale, Miss. Eyeshield attachment for motor vehicles. 1,461,289; July 10.

Primrose, William E., assignor to Challenge Cutlery Corporation, Bridgeport, Conn. Wire feeding and cutting-off mechanism. 1,468,511; Sept. 18.

Prims, Joseph C., assignor to The A. J. Deer Company, Incorporated, Hornell, N. Y. Slicing machine. 1,442,630; Jan. 16.

Prince, Arthur C., Chicago, Ill. Bank. 1,458,146; June 12.

Prince, David C., Schenectady, N. Y., assignor to General Electric Company. Governor for elastic-fluid engines. 1,465,091; Aug. 14.

Prince-Smith, Prince, and D. Waterhouse, Keighley, England. Flier. 1,471,988; Oct. 23.

Prince, Stewart V. V., Washington, D. C. Motor plow. 1,450,385; Apr. 3.

Prindle, Carlyle C., Douglaston, N. Y. Vanity box. 1,459,798; June 26.

Prindle, William E., Columbus, Ohio. Drier. 1,459,254; June 19.

Pringle, William T., assignor to V. V. Fittings Company, Philadelphia, Pa. Electric switch. 1,456,336; May 22.

Prisk, John N., Johnstown, Pa. Butchering implement. 1,472,309; Oct. 30.

Pritchard, Alexander, Evergreen, N. Y. Horseshoe attachment. 1,470,101; Oct. 9.

Pritchard, Andrew, et al. (See Compton, Edward J., assignor.)

Pritchard, Carl G., Warren, assignor to The Harris Automatic Press Company, Cleveland, Ohio. Printing press. 1,459,312; June 19.

Pritchard, Charles A. G., Cleveland, Ohio, assignor to Chicago Pneumatic Tool Company, New York, N. Y. Connecting rod for pistons. 1,452,932; Apr. 24.

Pritchard, George A. (See Buchman, H. H., and Pritchard.)

Pritchard, George T., Norfolk, Va. Stencil hand stamp. 1,445,447; Feb. 13.

Pritchard, George T., Norfolk, Va. Stencil hand stamp. 1,468,512; Sept. 18.

Pritchard, John A., Chicago, Ill., assignor, by mesne assignments, to Structural Gypsum Corporation, New York, N. Y. Building construction. 1,461,452; July 10.

Pritchard, William S. (See Barany, E. R., and Pritchard.)

Pritchard, William S., assignor to Motor Products Corporation, Detroit, Mich. Tube-forming machine. 1,464,583; Aug. 14.

Pritzker, Asher, assignor to The National Electric Heating Company, Limited, Toronto, Canada. Supporting base for current conductors. 1,476,105; Dec. 4.

Prius, Joseph S., Barcelona, Spain. Hydraulic press. 1,469,689; Oct. 2.

Privett, Charles B., et al. (See Privett, Henry C., assignor.)

Privett, Helen E., et al. (See Privett, Henry C., assignor.)

Privett, Henry C., Long Beach, assignor of one-half to C. R. Privett, Burbank, three-sixteenths to H. E. Privett, and one-sixteenth to H. F. Privett, Long Beach, Calif. Puncture-closing inner tubes for pneumatic tires. 1,440,553; Jan. 2.

Privett, Henry C., Long Beach, assignor of one-half to C. R. Privett, Burbank, three-sixteenths to H. E. Privett, and one-sixteenth to H. F. Privett, Long Beach, Calif. Apparatus for turning heavy inner tubes, etc. 1,442,296; Jan. 16.

Privett, Henry C., Long Beach, assignor of one-half to C. R. Privett, Burbank, three-sixteenths to H. E. Privett and one-sixteenth to H. F. Privett, Long Beach, Calif. Inner tube. 1,453,949; May 1.

Privett, Hollis F., et al. (See Privett, Henry C., assignor.)

Prizma, Incorporated. (See Kelley, William V. D., assignor.)

Probert, Sidney C. (See Alles, W. J., and Probert.)

Probst, John P., Marion, Ohio. Cistern. 1,473,358; Nov. 6.

Probst, Karl, Toledo, Ohio. Electric-vehicle control. 1,474,942; Nov. 20.

Probst, William F., Chillicothe, Ohio. Grader for beans, etc. 1,447,628; Mar. 6.

Process Engineers, Inc. (See De Cew, Judson A., assignor.)

Process Engineers, Incorporated. (See Sammet, Charles F., assignor.)

Prock, George, Buffalo, N. Y. Direction-indicating device for automobiles. 1,440,626; Jan. 2.

Proctor, Albert E., Bellingham, Wash. Insertible-tooth saw. 1,455,968; May 22.

Proctor, Clifton J., Holmesville, Ontario, Canada. Mousetrap. 1,466,102; Aug. 28.

Proctor, Jennie M., Pittsburgh, Pa. Hair-straightening brush. 1,471,527; Oct. 23.

Proctor, John H., Andover, assignor to The Plywood Tube, Inc., Lawrence, Mass. Container. 1,443,196; Jan. 23.

Proctor, Ralph F. and W. R., West Point, Miss. Carburetor. 1,467,067; Sept. 4.

Proctor & Schwartz Inc. (See Hults, Eugene A., assignor.)

Proctor & Schwartz, Inc. (See Morrison, Charles S., assignor.)

Proctor & Schwartz, Inc. (See Rhoads, Thomas H., assignor.)

Proctor & Schwartz Incorporated. (See Ayres, Elwood B., assignor.)

Proctor & Schwartz, Incorporated. (See Coulston, Harry, assignor.)

Proctor & Schwartz, Incorporated. (See Griffith, Charles T., assignor.)

Proctor & Schwartz, Incorporated. (See Howson, Henry, assignor.)

Proctor & Schwartz, Incorporated. (See Hurxthal, Alpheus O., assignor.)

Proctor & Schwartz, Incorporated. (See Schwartz, Walter M., assignor.)

Proctor & Schwartz Incorporated. (See Schwartz, W. M., and Ayres, assignors.)

Proctor, William R. (See Proctor, Ralph F. and W. R.)

Production Machine Company. (See Fuller, Rufus W., assignor.)

Products Protection Corporation, The. (See Smith, Franklin S., assignor.)

Progress Press Brick and Machine Company. (See Stocke, Jacob, jr., assignor.)

Prokesch, Samuel J., New York, N. Y. Pocketbook. 1,458,952; June 19.

Promislo, Charles, Philadelphia, Pa. Clip for carton lids. 1,473,871; Nov. 13.

Propst, Christy A., Longview, Tex. Spark plug. 1,452,054; Apr. 17.

Prospect Manufacturing Company, The. (See Woltring, Sylvanus L. and L., assignors.)

Prosperity Co., The. (See Braun, Philip N., assignor.)

Prosser, Harold T., Chicopee Falls, Mass. Engine. 1,452,572; Apr. 24.

Prosser, Herman A., New York, N. Y. Conditioning gases. 1,441,713; Jan. 9.

Prosser, William J., assignor of one-fourth to W. L. Wilson and one-fourth to J. Baines, Denver, Colo. Neutral and low gear lock for automobiles. 1,478,675; Dec. 25.

Protex Signal Company, The. (See Kroehle, Oscar, assignor.)

Proton, Claude A., and J. G. Bruyère, Lyon, France. Cinematographic and the like projection screen. 1,459,603; June 19.

Proudfit, William S., Walker Township, Kent County, Mich. Filing device. 1,440,491; Jan. 2.

Proudfit, William S., Walker Township, Kent County, Mich. Filing device. 1,474,642; Nov. 20.

Proulx, Charles A., Woonsocket, R. I. Bobbin holder. 1,449,836; Mar. 27.

Proulx, Charles A., Woonsocket, R. I. Spindle. 1,451,744; Apr. 17.

Prouty, Charles N., Spencer, Mass. Bedclothes holder. 1,461,199; July 10.

Prouty, Theodore C., Elgin, assignor, by mesne assignments, to Patents Holding Corporation, Chicago, Ill. Needle valve. 1,451,371; Apr. 10.

Prouty, Theodore C., Los Angeles, assignor to Proutyline Products Company, Hermosa Beach, Calif. Insulating composition and making same. 1,453,726; May 1.

Prouty, Theodore C. and W. O., Elgin, assignors, by mesne assignments, to Patents Holding Corporation, Chicago, Ill. Tachometer. 1,447,426; Mar. 6.

Prouty, William B., Evanston, Ill. Cascade dust trap. 1,446,272; Feb. 20.

Prouty, Willis O. (See Prouty, Theodore C. and W. O.)

Proutyline Products Company. (See Prouty, Theodore C., assignor.)

Providence Rubber Company. (See Davis, Laurence R., assignor.)
Providence Stock Company. (See Myrberg, Sven O., assignor.)
Pruaño, Fabián, Falla, Cuba. Apparatus for transporting and weighing loads. 1,443,927; Jan. 30.
Pruden, Nelson L., Florham Park, N. J. Cord adjuster. 1,444,754; Feb. 6.
Prudhomme, Joseph, Portland, Oreg. Foil-embossing machine. 1,455,172; May 15.
Prudot, Harry A., et al. (See Hachmann, Frederick, assignor.)
Pruet, Paul M., Kansas City, Kans. Legging. 1,457,601; June 5.
Pruitt, Edith W., Baltimore, Md. Marcel hair net. 1,442,094; Jan. 16.
Pruitt, Marion C., Atlanta, Ga. Blood-transfusion apparatus. 1,457,796; June 5.
Prutzman, Jacob N. (See Stienhauer, W. R., and Prutzman.)
Prutzman, Paul W., and C. J. von Bibra, assignors to General Petroleum Corporation, Los Angeles, Calif. Producing and material for the treatment of oils. 1,471,201; Oct. 16.
Pryde, David E., Hoquium, Wash. Photographic washing tank. 1,470,188; Oct. 9.
Pryde, Robert D., Orange, Conn. Golf club. 1,452,845; Apr. 24.
Prym, Hans, Stolberg, Germany. Device for fitting caps upon safety pinshanks. 1,441,749; Jan. 9.
Prymek, Walter W., Iowa City, Iowa. Tool for compressing and clamping springs. 1,476,540; Dec. 4.
Pryor, Alfred T., Detroit, Mich. Resilient wheel. 1,462,624; July 24.
Pryor, Joseph F., Houghton, Mich. Extensible, reversible, and self-sharpening dipper tooth. 1,463,725; July 31.
Psilander, Charles A., assignor to William Wharton, jr. & Company Incorporated, Easton, Pa. Frog or crossing structure. 1,461,701; July 10.
Psilander, Charles A., assignor to William Wharton Jr. & Company, Incorporated, Easton, Pa. Track structure. 1,466,630; Aug. 28.
Psilander, Charles A., assignor to William Wharton Jr. & Company, Incorporated, Easton, Pa. Tongue switch. 1,466,631; Aug. 28.
Public, The. (See Hughes, David E., assignor.)
Puc, Vojtech, Prague-Vinohrady, Bohemia. Separable fastener. 1,446,768; Feb. 27.
Puc, Vojtěch, Prague-Vinohardy, Bohemia. Feed mechanism for small metal articles. 1,457,459; June 5.
Pucci, Giacomo, Westerly, R. I. Stop-motion mechanism for fly frames. 1,460,141; June 26.
Puccinelli, Romolo L., Los Gatos, Calif. Dehydrator. 1,464,338; Aug. 7.
Pucker, Adolph. (See Foster, Hugh C., assignor.)
Puckett, Paul R., Atlanta, Ga. Container. 1,472,088; Oct 30.
Puckette, Charles C., Salford, assignor of one-half to Conner Magneto & Ignition, Limited, Stoke, Coventry, England. Ignition system for internal-combustion engines. 1,445,709; Feb. 20.
Pue, William A., and W. N. Sifford, assignors of one-third to W. W. Arledge, Carlsbad, N. Mex. Meat cutter. 1,465,865; Aug. 21.
Puech, Jules, Paris, France. Tread grip for the wheels of motor or tractor vehicles. 1,458,437; June 12.
Puening, Franz, Pittsburgh, Pa., assignor to American Tar Products Company, Chicago, Ill. Apparatus for coking liquefiable bituminous materials. 1,461,324; July 10.
Puetz, Cletus M., Mantador, N. Dak. Ladder hinge for silo doors. 1,441,882; Jan. 9.
Pugel, Frank J., Pueblo, Colo. Umbrella. 1,469,021; Sept. 25.
Pugh, Charles H., Limited. (See Bull, George F., assignor.)
Pugh, Charles H., Limited. (See Bull, G. F., and Starkey, assignors.)
Pugh, Charles H., Limited, et al. (See Starkey, Ernest W., assignor.)
Pugh, Clifford J., Salem, Oreg. Cooker. 1,476,839; Dec. 11.
Pugh, Harry W., assignor to Western Electric Company, Incorporated, New York, N. Y. Toll-ticket-distributing system. 1,442,441; Jan. 16.
Pugh, William E. (See Churchill, Frank, assignor.)
Pugliese, Angelo, New York, N. Y. Nonskid tread for vehicle wheels. 1,471,202; Oct. 16.
Puhakka, Emil, Hancock, Mich. Shoe. 1,453,950; May 1.
Pukt, Albert J., South Boston, Mass. Flexible coupling. 1,478,398; Dec. 25.
Pulfrich, Carl, assignor to the Firm Carl Zeiss, Jena, Germany. Photometric device. 1,460,732; July 3.
Pulig, Philip W., Philadelphia, Pa. Motor-meter-illuminating device. 1,469,694; Oct. 2.
Pulis, Oscar B., assignor to Metal Forms Corporation, Milwaukee, Wis. Road form and rail. 1,449,626; Mar. 27.
Pulis, Oscar B., assignor to Metal Forms Corporation, Milwaukee, Wis. Tie-member-fastening device. 1,477,766; Dec. 18.
Pulis, Oscar B., assignor to Metal Forms Corporation, Milwaukee, Wis. Road rail. 1,477,767; Dec. 18.
Pullar, James, Hartford, Conn. Refuce-collecting wagon. 1,460,078; June 26.
Pullen, Frank L., Oldtown, Me. Paper waxing and sizing composition. 1,452,389; Apr. 17.
Pulliam, Herbert A., assignor of one-half to L. J. Taylor, Eustis, Fla. Attachment for gatherers on sewing machines. 1,451,110; Apr. 10.
Pulliam, Oswald S., New York, N. Y. Iron purifying and balling furnace. 1,449,546; Mar. 27.
Pullin, Cyril G., Isleworth, England. Braking system. 1,446,395; Feb. 20.
Pullin, Cyril G., Isleworth, England. Internal-combustion engine. 1,449,348; Mar. 20.
Pullin, Cyril G., Isleworth, England. Means for actuating control cables, rods, Bowden wires, and the like. 1,449,349; Mar. 20.
Pullin, Cyril G., Isleworth, England. Exhaust silencer for internal-combustion engines. 1,452,435; Apr. 17.
Pullin, Cyril G., Isleworth, England. Front fork for velocipedes. 1,452,436; Apr. 17.
Pullin, Cyril G., Isleworth, England. Method and means for controlling internal-combustion engines. 1,456,337; May 22.
Pullman Company, The. (See Parker, Peter, assignor.)
Pullman Company. (See Smith, William C., assignor.)
Pullman Company, The. (See Test, Ellis W., assignor.)
Pullman, George, New York, N. Y. Time recorder for locks. 1,452,846; Apr. 24.
Pullman Manufacturing Company. (See Gardner, E. L., and Willard, assignors.)
Pulsifer, Ernest, assignor of two-thirds to Frank Pulsifer and Warren Pulsifer, Salem, Mass. Throttle-valve-controlling means. 1,444,272; Feb. 6.
Pulsifer, Frank, et al. (See Pulsifer, Ernest, assignor.)
Pulsifer, Warren, et al. (See Pulsifer, Ernest, assignor.)
Pulson, William L., Randolph, Mass. Apparatus for oiling stamped materials. 1,469,695; Oct. 2.
Pulverman, William E., Wilkes-Barre, Pa. Valve. 1,451,473; Apr. 10.
Pumphrey, Willard V., Oakland, Calif. Adjustable license-plate holder. 1,453,727; May 1.
Pumpless Blow Torch Company. (See Anderson, James B., assignor.)
Punches, Bert W., Plymouth, Mich. Air gun. 1,458,147; June 12.
Punga, Franklin, Muhlheim-Ruhr-Speldorf, and H. Roos, Muhlheim-Ruhr, Germany. Bar winding for electric machines. 1,478,252; Dec. 18.
Pupin, Michael I., Norfolk, Conn., assignor to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Wave conductor. 1,456,909; May 29.
Pupin, Michael I., Norfolk, Conn., assignor to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Selective amplifying apparatus. 1,452,833; Apr. 24.
Pupin, Michael I., Norfolk, Conn., and M. C. Spencer, East Orange, assignors to Crocker-Wheeler Company, Ampere, N. J. Aperiodic pilot conductor. 1,446,769; Feb. 27.
Purcell, Andrew, et al. (See Bohock, Joseph J., assignor.)
Purcell, Benjamin H. (See Hallock, G. H., Frederick, and Purcell.)
Purcell, Benjamin H., assignor to Automatic Machinery Company, Terre Haute, Ind. Leer feeder. 1,454,520; May 8.
Purcell, Isaac T., Wakeeney, Kans. Making and exhibiting moving pictures. 1,451,086; Apr. 10.
Purchas, Frederick B., Hitchin, England. Fruit-grading machine. 1,460,270; June 26.
Purdon, Robert L., Laidlaw, British Columbia, Canada. Reversible bed. 1,466,599; Aug. 28.
Purdy, Asa R., Boundbrook, N. J., assignor to The Ruberoid Co. Means of identifying prepared roofing. 1,447,265; Mar. 6.
Purdy, Asa R., Boundbrook, N. J., assignor to Ruberoid Co. Prepared roofing element. 1,460,827; July 3.
Purdy, Charles G., Brooklyn, N. Y. Exercising device. 1,466,559; Aug. 28.
Purdy, Chester A., Chicago, Ill. Doughnut machine. 1,458,197; June 12.
Purdy, George A., Seattle, Wash. Traction device for motor-vehicle wheels. 1,473,872; Nov. 13.
Purger, Raoul. (See Bouton, E. M., and Pruger.)
Purington, Orren D., Providence, R. I. Concrete floor construction. 1,474,441; Nov. 20.
Purnell, Charles S. (See Guy, Harry L., assignor.)
Purnell, William J., J. C. Chase, and R. S. Young, assignors to Safety Appliances Corporation, Woodlawn, Pa. Quick-adjusting wrench. 1,468,415; Sept. 18.
Purnell, William R., Philadelphia, Pa. Mechanical pressure atomizing fuel burner. 1,461,545; July 10.
Purposed Mind Development Security Association of the World. (See McGrahan, Frederick L., assignor.)
Pursel, Marshall A., West Haven, Conn. Calculating device. 1,451,890; Apr. 17.
Purtle, Albert D., Marietta, Ohio. Brass-liner stuffing-box head. 1,453,324; May 1.
Purves, Andrew, Holyoke, Mass. Producing wire fabrics. 1,475,352; Nov. 27.

Purves, John A., assignor to F. E. Friedman, Syracuse, N. Y. Attachment for milling machines. 1,465,721; Aug. 21.
Purvis, Joseph R., and G. H. Moses, Todmorden, Ontario, Canada. Combined tail light and license marker holder. 1,449,444; Mar. 27.
Purvis, Thomas E., Tekamah, Nebr. Workholder. 1,453,406; May 1.
Purwin, Klemens. (See Stoney, J. T., and Purwin.)
Pushpull Valve Cap Company. (See Parker, Edward H., assignor.)
Pusino, Orest, Helsingfors, Finland. Typesetting machine. 1,465,482; Aug. 21.
Puterbaugh, Joseph D., Fremont, Ohio. Signal. 1,457,267; May 29.
Puth, George J., Appleton, Wis. Snowplow. 1,466,187; Aug. 28.
Putnam, Alden L., Detroit, Mich., assignor, by mesne assignments, to Detroit Pressed Steel Company, Wilmington, Del. Vehicle wheel. 1,442,442; Jan. 16.
Putnam, Alexander S., Los Angeles, Calif. Bed rail fastener. 1,477,592; Dec. 18.
Putnam, Frances F. (See Freedman, Julian, assignor.)
Putnam, Fred A., Keene, N. H., assignor to Markem Machine Company, Boston, Mass. Type wheel. 1,443,928; Jan. 30.
Putnam, George E., East Kansas City, Mo. Oil filter. 1,450,750; Apr. 3.
Putnam, Israel, Elmira, N. Y. Oil heater. 1,456,609; May 29.
Putnam, Mark E., and J. McCreadie, assignors to The Dow Chemical Company, Midland, Mich. Making salicylates. 1,459,900; June 26.
Putnam, Paul, White Plains, Ky. Churn. 1,475,084; Nov. 20.
Putnam, Tracy J., Boston, Mass. Agitating device. 1,456,147; May 22.
Putnam, William H., deceased, by Central Wisconsin Trust Company, executor, assignor to Madison Kipp Corporation, Madison, Wis. Internal-combustion engine. 1,462,767; July 24.
Putt, Charles W., Jerome, Ariz. Cleaning device. 1,463,925; Aug. 7.
Putt, Edward D., assignor to The Firestone Tire and Rubber Company, Akron, Ohio. Selvage trimmer. 1,468,396; Sept. 18.
Putt, Edward D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Bead-splicing machine. 1,475,873; Nov. 27.
Putt, Edward D., assignor to The Firestone Tire and Rubber Company, Akron, Ohio. Machine for preparing fabric. 1,476,270; Dec. 4.
Puttaert, Henry F., and M. Moreau, San Francisco, Calif. Portable electric fan. 1,473,045; Nov. 6.
Pye, David W., et al., trustees. (See Ducas, Charles, assignor.)
Pye, Henry T., Montreal, Quebec, Canada. Game. 1,454,982; May 15.
Pye, Robert E., New York, N. Y. Antiskid device for pneumatic tires. 1,478,059; Dec. 18.
Pyke, Harold A., Grafton, Auckland, New Zealand. Window cleaner. 1,459,255; June 19.
Pyle Albert C., and J. F. Brewer, Seattle, Wash. Hot-air heater. 1,475,874; Nov. 27.
Pyle, D. Franklin, Washington, D. C., and J. Anderson, Catonsville, Md. Spark plug. 1,455,852; May 22.
Pyle, D. Franklin, Washington, D. C., and J. Anderson, Catonsvile, Md. Apparatus for making spark plugs. 1,455,853; May 22.
Pyle, Harry T., San Jose, Calif. Peeling fruit, 1,444,386; Feb. 6.
Pyle, Jess D., Norwich, Kans. Tank. 1,473,974; Nov. 13.
Pyle, Joseph G., Sandusky, Ohio. Score sheet. 1,441,750; Jan. 9.
Pyle, Lewis M., Bryn Mawr, Pa., assignor to Niles-Bement-Pond Company, New York, N. Y. Planer. 1,454,076; May 8.
Pyle National Company, The. (See Dake, Charles W., assignor.)
Pyle-National Company. (See Dake, C. W., and Grant, assignors.)
Pym, Charles F., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 1,469,848; Oct. 9.
Pyper, John A., Long Beach, Calif. Multiple-hanger support. 1,446,927; Feb. 27.
Pyrene Manufacturing Company. (See MacGregor, Peter G., assignor.)
Pyser, Charles S., assignor to The Mayfair Optical Company, Limited, London, England. Apparatus for demonstrating or testing the transmission of light by ophthalmic glass and the like. 1,464,999; Aug. 14.
Pytlak, Stanley, McMechen, W. Va. Wall-papering device. 1,461,453; July 10.
Q & C Company. (See Packer, Eben R., assignor.)
Q R S Music Company, The. (See Hagey, J. C., and Kavanaugh, assignors.)
Q R S Music Company, The. (See Smith, Irving M., assignor.)
Qua, Robert. (See Heddle, R., and Qua.)
Quackenbush, Albert B., Forest Knolls, Calif. Telescopic wagon box. 1,467,195; Sept. 4.
Quackenbush, Roy R., Grand Rapids, Mich. Can opener. 1,477,716; Dec. 18.
Quad Stove Mfg. Co., The. (See Stein, Henry E., assignor.)
Quadar, Victor A., et al. (See Whitcomb, James, assignor.)
Quade, Fritz, Berlin, Germany. Manufacturing compounds soluble in water of diethylbarbituric acid and its homologues. 1,461,831; July 17.
Quaker City Chocolate & Confectionery Company. (See Rosskam, Lester G., assignor.)
Quaker City Rubber Company. (See Daniel, Frank W., assignor.)
Quality Aluminum Casting Company. (See Weir, Bernard R., assignor.)
Quality Furniture Company. (See Schmitt, Walter M., assignor.)
Quan, Harry K., New York, N. Y. Bottle. Des. 62,804; July 31.
Quandt, George E., Lockport, N. Y. Multiple-filament lamp. 1,456,568; May 29.
Quarfoth, Gunnar, New Rochelle, N. Y. Camera. 1,460,112; June 26.
Quarnstrom, Ernest O. (See Brand, W. F., and Quarnstrom.)
Quay, Lewis J., Schenectady, N. J. Motor vehicle. 1,446,660; Feb. 27.
Quedensley, August A. (See Schroeder, C. F., and Quedensley.)
Queen Automatic Phonograph Co. (See Bauer, W. J., Wierth, and Meadoff, assignors.)
Queen City Material Co. (Steele, Edward B., assignor.)
Quémard, Lucien M., Royan, France. Hose clamp. 1,461,290; July 10.
Quenzer, Adam P., Brooklyn, N. Y. Cap spreader. 1,474,330; Nov. 13.
Quenzer, Arthur, Brooklyn, N. Y. Ankle supporter. 1,478,253; Dec. 18.
Query, Jesse J., Osceola, Nebr. Current motor. 1,445,801; Feb. 20.
Quick, Alfred A., Melbourne, Victoria, Australia. Device for haulage or straining purposes. Re15,558; Mar. 6.
Quick, Alfred A., Thornbury, Victoria, Australia, assignor to The Quick Engineering Company Proprietary Limited. Hauling or straining device. 1,445,104; Feb. 13.
Quick Change Chuck Mfg. Co., The. (See Weisenberger, Earl O., assignor.)
Quick Engineering Company Proprietary Limited, The. (See Quick, Alfred A., assignor.)
Quick, Robert V. (See Ashworth, A. A., and Quick.)
Quickenden, James, and H. J. Weidemann, Columbus, Wis. Potato harvester. 1,444,006; Feb. 6.
Quicksafe Manufacturing Company. (See Waller, Robert H., assignor.)
Quigg, James S., Dewey, Okla. Oil-well packer. 1,476,727; Dec. 11.
Quigley, Emmett L., Sistersville, W. Va. Gas burner. 1,449,056; Mar. 20.
Quigley, John T., assignor, by mesne assignments, to Costmeter Company, Boston, Mass. Loose-leaf-index file. 1,450,304; Apr. 3.
Quigley, John T., assignor to Costmeter Company, Boston, Mass. Adjustable index. 1,450,751; Apr. 3.
Quigley, John T., assignor to Costmeter Company, Boston, Mass. Filing equipment. 1,450,752; Apr. 3.
Quigley, John T., assignor to Costmeter Co., Boston, Mass. Filing equipment. 1,456,677; May 29.
Quigley, John T., assignor to Costmeter Company, Boston, Mass. Filing equipment. 1,458,112; June 5.
Quigley, John T., assignor to Costmeter Company, Boston, Mass. Filing and indexing equipment. 1,476,920; Dec. 11.
Quigley, Thomas W., Syracuse, N. Y. Grave urn. 1,469,459; Oct. 2.
Quillet, Edmond, Vevy, Switzerland. Building block. 1,444,554; Feb. 6.
Quimby, William E., Inc. (See Rathman, Gilbert, assignor.)
Quimby, William E., Orange, N. J. Guard for lawn mowers. 1,459,034; June 19.
Quin, Charles, Ottawa, Kans. Tag or label holder. 1,475,315; Nov. 27.
Quin, Francis J., and W. H. Park, Belfast, Ireland. Automatic valve for pneumatic hose fittings. 1,451,372; Apr. 10.
Quin, Joseph R., Cudahy, Wis. Collapsible tire building and finishing core. 1,465,769; Aug. 21.
Quinby, Harrison, Indianapolis, Ind., assignor to W. H. McFarland, Pittsburgh, Pa. Tractor. 1,441,024; Jan. 2.
Quinby, Harrison, Indianapolis, Ind., assignor to W. H. McFarland, Pittsburgh, Pa. Tractor. 1,472,136; Oct. 30.
Quinlan, James A., assignor to The Peck, Stow & Wilcox Company, Southington, Conn. Bench vise. 1,452,847; Apr. 24.
Quinlan, Philip P., Chicago, Ill. Mop. 1,450,008; Mar. 27.
Quinlan, Thomas A., Brooklyn, assignor to F. L. Smithe Machine Company, Incorporated, New York, N. Y. Tying. 1,449,547; Mar. 27.
Quinn, E. J. (See Regan, Patrick T., assignor.)

Quinn, Edward F., Chicopee, Mass. Making game balls. 1,474,943; Nov. 20.
Quinn, Oliver J. (See Orbin, George, assignor.)
Quint, Michael. (See Dorney, W., and Quint.)
Quintal, Domina, assignor of one-half to R. Laurin, Montreal, Quebec, Canada. Railway switch. 1,443,802; Jan. 30.
Quintal, Freeman A., Holyoke, Colo. Fishhook. 1,454,689; May 8.
Quirk, Clinton H., Richmond Hill, N. Y. Ash sifter. 1,449,837; Mar. 27.
Quirk, Michael W., Milwaukee, Wis. Shipping box or case. 1,466,853; Sept. 4.
Quist, Fred, Seattle, Wash. Anticreeper for rails. 1,466,188; Aug. 28.
Quist, John, Detroit, Mich. Fire kindler. 1,461,496; July 10.
Quist, John, Mystic, assignor of one-half to C. L. Berry, Winterset, Iowa. Combined pipe and nut wrench. 1,468,211; Sept. 18.
R. & W. Hawthorn, Leslie & Company. (See Paterson, G., and Thew, assignors.)
R. E. D. Engine Company, Inc. (See Ford, Eugene A., assignor.)
Raab, Henry F., Johnstown, Pa. Conductor-bar holder. 1,441,025; Jan. 2.
Raab, Joseph, and J. Tendrich, Brooklyn, N. Y. Lining. 1,465,562; Aug. 21.
Raabe, Arthur E., et al., executors. (See Raabe, Otto L.)
Raabe, Otto L., Jersey City, N. J., assignor to R. Hoe and Co., New York, N. Y. Printing cylinder. 1,442,178; Jan. 16.
Raabe, Otto L., Jersey City, N. J., assignor to R. Hoe and Co., New York, N. Y. Paper-roll-reloading device. 1,468,077; Sept. 18.
Raabe, Otto L., deceased, Jersey City, N. J.; M. G. Moog, R. A. Smith, and A. E. Raabe, executors. Mechanical movement. 1,463,839; Aug. 7.
Raach, Walter N., Greenville Borough, and C. E. Shurtliffe, assignors to The Shenango Tire & Rubber Company, Greenville, Pa. Tire. Des. 62,620; July 3.
Raasch, August J. and E. H., and H. A. Olsen, Milwaukee, Wis. Potato digger. 1,461,935; July 17.
Raasch, Edward H. (See Raasch, August J. and E. H., and Olsen.)
Raaz, Frank H., El Campo, Tex. Plow. 1,471,706; Oct. 23.
Rabb, William S., Los Angeles, Calif. Shock absorber. 1,455,265; May 15.
Rabbett, James R. (See Lorenz, W. A., and Hoopes, assignors.)
Rabbidge, William F. (See McKechnie, J., and, Rabbidge.)
Rabenold, Charles F., Philadelphia, Pa. Lamp casing. Des. 62,243; Apr. 24.
Raber, Clyde K., Newcastle, Ind. Can spout. 1,462,820; July 24.
Raber, Daniel E., Perry, Iowa. Draft regulator and chimney cleaner. 1,450,451; Apr. 3.
Rabey, Herman A., Chicago, Ill. Chain attachment. 1,476,465; Dec. 4.
Rabus, Wilhelm, Karlstad, Sweden, assignor to R. J. Marx, London, England. Beating engine. 1,474,442; Nov. 20.
Raby, James B., jr., York, Pa. Fruit drier. 1,474,687; Nov. 20.
Race, Frank F., Toronto, Ontario, Canada. Traffic signal. 1,468,974; Sept. 25.
Race, Fred O., Hillside, N. J. Screw and the like. 1,449,779; Mar. 27.
Rachard, Gommaire, New York, N. Y. Twin-head boring bar. 1,470,289; Oct. 9.
Rachlin, Max, New York, N. Y. Gutter hanger. 1,478,837; Dec. 25.
Rachlin, Max, assignor of one-half to S. M. Gold, New York, N. Y. Roof covering. 1,446,858; Feb. 27.
Racine Confectioners' Machinery Company. (See Hartshorn, Willis N., assignor.)
Racine Dispenser Manufacturing Company. (See Hanson, Sigvort, assignor.)
Racine Horseshoe Tire Company. (See Hollenbeck, Oscar D., assignor.)
Racine Horseshoe Tire Company, The. (See Smith, Harold O., assignor.)
Racine Tool and Machine Company. (See Banker, Oscar H., assignor.)
Racine Universal Motor Company. (See Jembrzyckl, Stanley J., assignor.)
Rackham, George J., assignor to Roadless Traction, Limited, London, England. Chain for endless tracks for vehicles. 1,465,483; Aug. 21.
Rácy, Gábor, South Norwalk, Conn. Automobile elevating device. 1,447,151; Feb. 27.
Radcliffe, Frederick W. (See Moore, L. L., and Radcliffe.)
Radcliffe, Louie, Indianapolis, Ind. Hair waver. 1,467,498; Sept. 11.
Raddis, Paul, Miami, Okla. Amplifier for sound-reproducing machines. 1,456,678; May 29.
Radelet, Fernand, Brussels, Belgium. Rail-track fastening. 1,443,275; Jan. 23.
Rader, Emma. (See Fisher, Olive, assignor.)
Rader, Orton R., Toledo, Ohio. Auxiliary water vapor and air valve for internal-combustion engines. 1,472,438; Oct. 30.
Rader, Samuel J. W., Alfalfa County, Okla. Automatic air-hose coupler. 1,462,821; July 24.
Rader, William E., Columbia, Mo. Wind-operated mill. 1,447,820; Mar. 6.
Radford, George, Oakland Beach, assignor to Richmond Lace Works, Alton, R. I. Lace. Des. 62,306; May 1.
Radford, George, Oakland Beach, assignor to Richmond Lace Works, Alton, R. I. Lace. Des. 62,307; May 1.
Radford, George, Oakland Beach, assignor to Richmond Lace Works, Alton, R. I. Lace. Des. 62,308; May 1.
Radford, George, Oakland Beach, assignor to Richmond Lace Works, Alton, R. I. Lace. Des. 62,309; May 1.
Radford, George, Oakland Beach, assignor to Richmond Lace Works, Alton, R. I. Lace. Des. 62,411; May 22.
Radford, John B., Valois, Quebec, Canada, assignor to Western Electric Company, Incorporated, New York, N. Y. Switching device. 1,442,443; Jan. 16.
Radin, Harry R., Newark, N. J. Container. 1,467,010; Sept. 4.
Radinse, Rudolf R., Cleveland, Ohio. Rotary brush. 1,466,103; Aug. 28.
Radio Corporation of America. (See Clark, George H., assignor.)
Radio Corporation of America. (See Ditcham, William T., assignor.)
Radio Corporation of America. (See Frost, Soren O. E. T., assignor.)
Radio Corporation of America, The. (See Nottage, W. H., and Parkin, assignors.)
Radio Corporation of America. (See Ranger, Richard H., assignor.)
Radio Corporation of America, The. (See Round, Henry J., assignor.)
Radio Corporation of America. (See Taylor, Albert H., assignor.)
Radio Corporation of America. (See Van de Velde, H. R. C., and Furnival, assignors.)
Radio Corporation of America. (See Weagant, Roy A., assignor.)
Radio Industries Corporation. (See Gernsback, Hugo, assignor.)
Radiotive Corporation. (See Schmidt, Lambert, assignor.)
Radium Chemical Company. (See Cameron, William H., assignor.)
Radka, August G., Newton, Kans. Truck brake. 1,443,825; Jan. 30.
Radke, August T., and J. Klancke, Hamburg, Minn. Machine for handling motors and testing bearings thereof. 1,468,397; Sept. 18.
Radle, Don A., Oklahoma, Okla. Thrashing machine. 1,443,241; Jan. 23.
Radle, Paul, Arkansaw, Wis. Harness-loop reenforcement. 1,457,602; June 5.
Radmer, Clarence E. (See Maier, J., Lenz, and Radmer.)
Radmer, Clarence E. (See Maier, J. E., Lenz, and Radmer.)
Rado, Alexander, M. Mayer, and L. von Egerházy, Budapest, Hungary. Bung for casks. 1,472,776; Oct. 30.
Radoccia, Pasquale, Providence, R. I. Street-indicating and advertising device for motor vehicles. 1,448,040; Mar. 13.
Radon, Jan, assignor of one-half to F. Klich, East St. Louis, Ill. Safety appliance for aeroplanes. 1,464,339; Aug. 7.
Radoush, Karl, St. Paul, Minn. Fire alarm and safety device for stables. 1,449,954; Mar. 27.
Rado-Valv Corporation. (See Hutchings, George B., assignor.)
Radtke, Edwin J., Milwaukee, Wis. Automatic expansion valve. 1,465,654; Aug. 21.
Radzinsky, Harry, assignor to General Paper Goods Manufacturing Co., New York, N. Y. Patch-applying mechanism for window envelopes. 1,474,913; Nov. 20.
Rae, Frank B., assignor to F. J. Langer, Cleveland, Ohio. Ironing and steaming device. 1,472,089; Oct. 30.
Rae, John, Philadelphia, Pa. Steam trap. 1,447,102; Feb. 27.
Ræder, Björn, assignor to himself and Aktieselskapet Zink, Kykkelsrud, Askim Station, Norway. Zinc smelting furnace. 1,452,934; Apr. 24.
Raehse, Paul W., Hamburg, Germany. Bottle-stopper-varnishing device. 1,457,748; June 5.
Raettig, Bruno, Hoffnungsthal, near Cologne, Germany. Plug switch. 1,467,011; Sept. 4.
Raettig, Bruno, Hoffnungsthal, Germany. Contact spring. 1,477,527; Dec. 11.
Raez, Niklas, St. Joseph, Mo. Combination tool. 1,469,696; Oct. 2.
Raffay, Andrew, Schenectady, N. Y. Bushing extractor. 1,461,554; July 10.
Rafn, Robert, Moss, Norway. Shaking apparatus for cans containing condensed milk. 1,467,909; Sept. 11.
Ragan, Frederick H., Detroit, Mich. Power press. 1,463,272; July 31.
Raggio, James, and F. Bongiorni, Brooklyn, N. Y. Receptacle. 1,447,035; Feb. 27.
Raggis, Joe, Los Angeles, Calif. Cover support for motor vehicles. 1,471,279; Oct. 16.

Ragon, Robert L., et al. (See Hubble, Joseph H., assignor.)
Ragot, Charles L., New York, N. Y., and L. F. Ragot, Milford, Pa., assignors to Ragot Motor Corporation. Portable drilling machine. 1,473,046; Nov. 6.
Ragot, Charles L., Kingsbridge, N. Y., and L. F. Ragot, Milford, Pa., assignors to Ragot Motor Corporation. Rotary engine. 1,475.509; Nov. 27.
Ragot, Charles L., Kingsbridge, N. Y., and L. F. Ragot, Milford, Pa., assignors to Ragot Motor Coropration. Cooling system for rotary internal-combustion engines. 1,475.510; Nov. 27.
Ragot, Louis F. (See Ragot, Charles L. and L. F.)
Ragot Motor Corporation. (See Ragot, Charles L. and L. F., assignors.)
Ragsdale, Earl J. W., Norristown, assignor to Budd Wheel Company, Philadelphia, Pa. Brake-actuating mechanism for steering wheels. 1,469,484; Oct. 2.
Ragsdale, Raymond, Porterville, Calif. Shock absorber. 1,465,023; Aug. 14.
Rahardt, Erich. (See Schwenke, Albert, assignor.)
Rahbek, Knud. (See Johnsen, F. A., and Rahbek.)
Rahling, Henry D., assignor to Cygnet Mfg. Co., Inc., Buffalo, N. Y. Wrench. 1,469,533; Oct. 2.
Rahm, Fred, Louisville, Ky. Valve. 1,470,102; Oct. 9.
Rahm, Robert C., Wyomissing, Pa. Roll device for spinning machines. 1,446,208; Feb. 20.
Rahm, Robert C., Wyomissing, assignor to Berks Engineering Company Inc., Reading, Pa. Lace-braiding machine. 1,446,127; Feb. 20.
Rahm, Robert C., Wyomissing, assignor to Reading Valve and Fittings Company, Reading, Pa. Testing machine for pipe fittings. 1,467,813; Sept. 11.
Rahmoeller, Henry C., St. Charles, Mo. Gauge for duplicating keys. 1,458,546; June 12.
Rahr, Chester E., Boston, Mass., and L. Kirschbraun, Chicago, Ill. Waterproof product and making same. 1,469,606; Oct. 2.
Rahr, Chester E., and R. T. Pollock, assignors to The Flintkote Company, Boston, Mass. Apparatus for making roofing products. 1,475,595; Nov. 27.
Rahr, Maximilian, jr., Manitowoc, Wis. Automobile accessory. 1,469,109; Sept. 25.
Raicevich, Christopher V., New Orleans, La. Casement adjuster for swinging sashes or shutters. 1,465,315; Aug. 21.
Raiche, Denis M. (See Caron, T. E., and Raiche.)
Raiche, Paul A., assignor to Davol Rubber Company, Providence, R. I. Nipple banding and punching machine. 1,442,823; Jan. 23.
Raiche, Paul A., assignor to Davol Rubber Company, Providence, R. I. Electric perforating device. 1,474,912; Nov. 20.
Raiche, Vilmarie, St. Felix de Kingsey, Quebec, Canada. Nest attachment. 1,470,103; Oct. 9.
Rail Joint Company, The. (See Braine, Bancroft G., assignor.)
Rail Joint Company, The. (See Disbrow, Clarkson A., assignor.)
Rail Joint Company, The. (See Thomson, W. P., and Disbrow, assignors.)
Rail Joint Company, The. (See Wolhaupter, Benjamin, assignor.)
Rail Welding and Bonding Company. (See Steigerwald, George N., assignor.)
Railway Safety Appliance Company, The. (See Stephenson, Axel G., assignor.)
Raimond, Georges. (See Scheemacker, E., and Raimond.)
Rainalter, Rudolph, Kansas City, Mo. Box fastener. 1,462.657; July 24.
Rainaud, H. E., Company, The. (See Rainaud, Henry E., assignor.)
Rainaud, Henry E., assignor to The H. E. Rainaud Company, Meriden, Conn. Shade for lighting fixture. Des. 62,590; June 26.
Raincheck Umbrellas, Inc. (See Reid, J., and Hopkinson, assignors.)
Raines, Thomas E. (See Bell, A. L., and Raines.)
Raines, William G., jr. (See Brewster, J. F., and Raines.)
Rainey, Lilius B. (See Owen, Evan J., assignor.)
Rainsford, Francis F., assignor to Stephen Sanford & Sons, Inc., Amsterdam, N. Y. Rug. Des. 62,961; Aug. 28.
Rairden, James S., Waterford, Calif. Safety device for tractors. 1,453,995; May 1.
Raisig, Charles, Pittsburgh, Pa. Flexible coupling. 1,459,035; June 19.
Raisis, James. (See Murufas, Manelaus G., assignor.)
Raje, Thor, Los Angeles, Calif. Cigarette holder. 1,451,235; Apr. 10.
Ralco Manufacturing Company. (See Lofgren, J., and Ayers, assignors.)
Raleigh, James F., assignor to Pines Manufacturing Company, Chicago, Ill. Shutter apparatus for radiators. 1,458,593; June 12.
Raley, Elbert B., Mart, Tex. Powder-dusting attachment. 1,450,223; Apr. 3.
Ralfs, Theodore, Davenport, Iowa. Saw vise. 1,456,338; May 22.
Ralicki, Henry J. (See Wonsowicz, George, assignor.)
Rall, Max, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Plant for the supervision of the circulation lubrication on power cars. 1,460,500; July 3.
Ralph, Henry G., Edenton, N. C. Dental film holder. 1,445,169; Feb. 13.
Ralston, Arthur R. (See Connor, E. J., and Ralston.)
Ralston, Henry J., San Francisco, Calif. Trailer operating mechanism. 1,468,975; Sept. 25.
Ramage, John H., Norfolk, Va., assignor to Westinghouse Lamp Company. Treating filaments for incandescent electric lamps. 1,461,140; July 10.
Ramage, Joseph A. (See Bartholomew, F. K., and Ramage.)
Ramapo Ajax Corporation. (See Strong, James B., assignor.)
Ramige, William F., Rockwell City, Iowa. Trace carrier. 1,460,271; June 26.
Ramirez, Andres, Guadalupe, Tex. Combination cotton cultivator. 1,459,256; June 19.
Ramler, Frederick A. (Bee Baker, William A., assignor.)
Rammel, Thomas H., Plainville, Mass., assignor to Whiting & Davis Company. Bag clasp. 1,446,583; Feb. 27.
Rammel, Thomas H., Plainville, Mass., assignor to Whiting & Davis Company. Bag clasp. 1,467,589; Sept. 11.
Rammel, Thomas H., Plainville, Mass., assignor to Whiting & Davis Company. Bag frame and clasp. 1,477,281; Dec. 11.
Ramo Manufacturing Company, The. (See McCarthy, Edward F., assignor).
Ramondo, Edoardo, Turin, Italy. Spring wheel. 1,460,920; July 3.
Ramp Building Corporation. (See Bridges, Lewis B., assignor.)
Ramp Building Corporation. (See d'Humy, Fernand E., assignor.)
Ramsay Condensing Locomotive Company Limited, The. (See Ramsay, David M., assignor.)
Ramsay, David M., assignor to The Ramsay Condensing Locomotive Company, Limited, Glasgow, Scotland. Condenser for aircraft. 1,476,541; Dec. 4.
Ramsay, Erskine, Birmingham, Ala. Rotary dump. 1,447,427; Mar. 6.
Ramsay, Erskine, Birmingham, Ala. Automatic rotary dump. 1,447,428; Mar. 6.
Ramsay, John C., Baltimore, Md. Gas burner. 1,445,971; Feb. 20.
Ramsay, W. A. (See Meinecke, Joseph, assignor.)
Ramsden, Henry, Bradford, England. Cover or gaiter for laminated vehicle spring. 1,461,832; July 17.
Ramseier, Albert. (See Lefebvre, R., and Ramseier.)
Ramsey, Allan, Chicago, Ill. Humidifying air vent. 1,464,110; Aug. 7.
Ramsey, George. (See Hodge, Howard D., assignor.)
Ramsey, George, Brooklyn, assignor to Anchor Cap & Closure Corporation, Brooklyn, N. Y. Paper closure. 1,453,283; May 1.
Ramsey, George, Brooklyn, assignor to Anchor Cap and Closure Corporation, Long Island City, N. Y. Interrupted bead cap. 1,464,584; Aug. 14.
Ramsey, George, Brooklyn, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Self-opening seal. 1,473,252; Nov. 6.
Ramsey, Oscar, Anlauf, Oreg. Saw sharpener. 1,456,402; May 22.
Ramsey, Ralph H., Ardmore, Okla. Means for handling well casings. 1,447,629; Mar. 6.
Ramsey, Ralph H., Ardmore, Okla. Well-drilling rig. 1,470,329; Oct. 9.
Ramsey, William W., Sterling, Colo. Hub liner. 1,455,935; May 22.
Ramstead, Charles, Okmulgee, Okla. Boiler. 1,441,526; Jan. 9.
Rancadore, Ignatius, and L. Pecoraro, San Jose, Calif. Canning device. 1,464,829; Aug. 14.
Rand, Charles W., Aberdeen, S. Dak. Side-wall register. 1,450,049; Mar. 27.
Rand, James H., North Tonawanda, N. Y. Dispatch system. 1,443,758; Jan. 30.
Rand, James H., North Tonawanda, N. Y. Index frame. 1,444,358; Feb. 6.
Rand, James H., North Tonawanda, N. Y. Conveyer apparatus. 1,444,359; Feb. 6.
Rand, James H., North Tonawanda, N. Y. Record device 1,454,405; May 8.
Rand, James H., North Tonawanda, N. Y. Index device 1,454.406; May 8.
Rand, James H., North Tonawanda, N. Y. Index. 1,462,497; July 24.
Rand, James H., North Tonawanda, N. Y. Index device. 1,462,822; July 24.
Rand, James H., North Tonawanda, N. Y. Rotatable index. 1,466,059; Aug. 28.
Rand, James H., North Tonawanda, N. Y. Index device. 1,469,534; Oct. 2.
Rand, James H., jr., Tonawanda, N. Y. Visible index or reference device. 1,454,653; May 8.
Rand, Le Roy H., assignor to Brooklyn Shield & Rubber Company, Brooklyn, N. Y. Machine for cutting sheet rubber. 1,449,445; Mar. 27.
Rand, McNally & Co. (See Hanses, William A., assignor.)

Alphabetical list of patentees—Continued.

Rand, Sidney S., New York, N. Y. Permanent hair waver. 1,447,886; Mar. 6.
Rand, William M., I. C. Brook, and F. C. Butler, Vancouver, British Columbia, Canada. Splitting cord tires. 1,459,693; June 19.
Randall, Alexander B., Philadelphia, Pa. Amphitheater or stadium. 1,444,360; Feb. 6.
Randall, Charles F., Boston, assignor, by mesne assignments, to Mills Belt Company, Worcester, Mass. Pocketed carrier equipment. 1,446,209; Feb. 20.
Randall Control and Hydrometric Corporation. (See Hartman, William H., assignor.)
Randall, Edison E., assignor, by mesne assignments, to Pope Machine Company, Kankakee, Ill. Machine for uniting looped fabrics. 1,462,378; July 17.
Randall, Eugene F., assignor to American Radio & Research Corporation, Medford, Mass. Detector for wireless signals. 1,475,027; Nov. 20.
Randall, Florence J. (See Walrath, Willard, assignor.)
Randall, Herman P. (See Servis, L. B., Randall, and Shannon.)
Randall, Roland V. and V. E., Battle Creek Mich., assignors of one-third to B. Gwatkin. Railway tie. 1,471,060; Oct. 16.
Randall, Royal E., Fort Madison, Iowa. Emblem or badge. Des. 63,237; Nov. 6.
Randall, Samuel E., Junction City, Ark. Soldering block. 1,450,452; Apr. 3.
Randall, Vernon C., and J. E. McGinley, Portsmouth, Va. Auxiliary air device. 1,473,317; Nov. 6.
Randall, Victor E. (See Randall, Roland V. and V. E.)
Randall, Victor E., Battle Creek, Mich. Railway tie. 1,471,203; Oct. 16.
Randall, Victor E., assignor to W. S. Clemence, Battle Creek, Mich. Culinary utensil. 1,475,316; Nov. 27.
Randall, Winfield E., Eyota, Minn. Chicken roost. 1,453,569; May 1.
Randolph, Cary H., St. Louis, Mo. Elementary-music-notation device. 1,450,868; Apr. 3.
Randolph, Clifford F., Plainfield, N. J., assignor to Niles-Bement-Pond Company, New York, N. Y. Lathe-tool carriage. 1,477,186; Dec. 11.
Randolph, Paul V., Enfield, N. C. Road scraper and conveyer. 1,464,444; Aug. 7.
Randolph-Perkins Co. (See Massey, George B., assignor.)
Raney, Clemma R., Chicago, Ill., assignor to International Harvester Company. Shocker twine-guiding arm. 1,474,914; Nov. 20.
Raney, James L., Cleveland, Ohio. Waterproof cigarette case. 1,466,548; Aug. 28.
Raney, Rebekah E., San Francisco, Calif. Smoker's article. 1,473,937; Nov. 13.
Ranger, Richard H., Brooklyn, N. Y., assignor to Radio Corporation of America. Method and means of receiving signals. 1,449,911; Mar. 27.
Rangnow Brothers. (See Rangnow, Otto, assignor.)
Rangnow, Otto, assignor to himself and Rangnow Brothers, Philadelphia, Pa. Tray for wardrobe trunks. 1,471,806; Oct. 23.
Ranieri, Salvatore. (See Reigard, R. A. E., and Ranieri.)
Raniville, Francis F., Grand Rapids, Mich. Method of and apparatus for packaging belts. 1,443,759; Jan. 30.
Rank, Sherman A., Chicago, Ill. Display apparatus. 1,442,970; Jan. 23.
Rankin, Albert R., et al. (See Kenneth, David, assignor.)
Rankin, Harry D., Coronado, Calif. Process of and apparatus for treating materials. 1,477,664; Dec. 13.
Rankin, Harry D., Oakland, assignor of seven-tenths to L. Sloss, San Francisco, Calif. Decomposing, transposing, dissolving, or rendering soluble difficultly-soluble bodies. 1,471,751; Oct. 23.
Rankin, J. A. (See Newman, Albert T., assignor.)
Rankin, John A., Clover Bar, Alberta, Canada. Cattle guard. 1,442,495; Jan. 16.
Rankin, Thomas, Lake Bluff, Ill. Automatic pipe-cutting machine. 1,440,492; Jan. 2.
Rankin, Thomas, Lake Bluff, Ill. Nipple-threading machine. 1,457,603; June 5.
Rankin, William A., Oak Park, Ill., assignor to Edison Electric Appliance Co., Inc. Electric heater. 1,463,630; July 31.
Rankin, William K., Schenectady, N. Y., assignor to General Electric Company. Switch-operating mechanism. 1,441,527; Jan. 9.
Ranlett, David L., New York, N. Y., assignor to American Balsa Company, Inc. Float device. 1,465,790; Aug. 21.
Ranney, Willet B., assignor to Wm. Wrigley Jr. Company, Chicago, Ill. Polishing machine for coated confections. 1,476,840; Dec. 11.
Ranney, William C., Elbridge, N. Y. Repairing or closing punctures in pneumatic tires and plug for that purpose. 1,456,403; May 22.
Ransdell, Henry M. (See Schooley, J. G., and Ransdell.)
Ransom & Randolph Company. (See Rarrick, Zerne O., assignor.)
Ransom, Roscoe R., Dallas, Tex. Foot rest. 1,448,865; Mar. 20.
Ransomes & Rapier Limited. (See Lewis, Robert S., assignor.)
Ranson, Adolph, South Charleston, W. Va. Rack device. 1,473,318; Nov. 6.
Rantasa, Jakob, Vienna, Austria. Automobile sleigh attachment. 1,460,605; July 3.
Ranz, Jacob, St. Louis, Mo. Hair curler. 1,455,659; May 15.
Ranz, Jacob, St. Louis, Mo. Flour sifter. 1,455,660; May 15.
Rapeport, William H., Philadelphia, Pa. Fender for autos or other vehicles. 1,445,554; Feb. 13.
Rapeport, William H., Philadelphia, Pa. Bumper or fender for autos or other vehicles. 1,454,407; May 8.
Raper, Howard R., Albuquerque, N. Mex. Film packet for X-ray work. 1,467,876; Sept. 11.
Raphael, Reginald D. (See Wisroth, Ernst, assignor.)
Rapier, Charles V., Paris, France. Device for switching
Rapisardi, Alfio, Boston, Mass. Painting device. 1,456,910; May 29.
universal cranes. 1,443,382; Jan. 30.
Rapkock, Richard A., Chicago, Ill. Safety device for phonographs. 1,466,752; Sept. 4.
Rapp, John, Dowagiac, Mich. Ash sifter for furnaces. 1,449,838; Mar. 27.
Rapp, John W., deceased, Flushing, and J. Vanorio, Brooklyn, N. Y.; said Vanorio assignor to said Rapp; W. C. Lange, temporary administrator. Airplane-rib construction. 1,453,114; Apr. 24.
Rapp, William M., San Francisco, Calif., assignor to Vapo Corporation. Refrigerator. 1,452,756; Apr. 24.
Rapp, William M., San Francisco, Calif., assignor to Vapo Corporation. Cooler. 1,452,757; Apr. 24.
Rappleye, Frank A., Silver Creek, N. Y., assignor to Allen & Co. Inc., New Haven, Conn. Saw jointer. 1,461,763; July 17.
Rapps, Edward J., Phoenix, Ariz. Washing machine. 1,458,058; June 12.
Rarey, Ernest A, Kelso, Wash. Brake. 1,445,170; Feb. 13.
Rarig, Alexander K., Oakland, Calif. Pressure cooker and cooler. 1,449,246; Mar. 20.
Rarig, Alexander K., Oakland, Calif. Draining and siruping machine. 1,449,247; Mar. 20.
Rarig, Walter A., Oakland, Calif. Oiler for engines. 1,461,325; July 10.
Rarrick, Zerne O., assignor to The Ransom & Randolph Company, Toledo, Ohio. Burner. 1,447,571; Mar. 6.
Rasch, Ludvik, Christiania, assignor to Aktieselskapet Turbo-Separator, Drammen, Norway. Separating disks in centrifugal separators. 1,463,752; July 31.
Rasche, Hugo, Princeton, Iowa. Automobile chain fastener and tightener. 1,450,453; Apr. 3.
Raschick, Charles T., St. Paul, Minn. Check cutter. 1,476,417; Dec. 4.
Rasck, George P., Des Moines, Iowa. Threshold weather strip. 1,456,037; May 22.
Rash, Paul B., Wilmington, Del. Display frame. 1,475,875; Nov. 27.
Rask, Carl, et al. (See Willson, Oscar, assignor.)
Rasmusen, Lorence S. (See Carlson, Herman B., assignor.)
Rasmussen, Chester A., Long Beach, Calif. Packing means for well casings. 1,464,585; Aug. 14.
Rasmussen, Chris M., Deschutes, Oreg. Muzzle. 1,468,416; Sept. 18.
Rasmussen, Ernest A., Oakland, Calif. Building-wall construction. 1,459,344; June 19.
Rasmussen, George V., New York, N. Y. Pocketknife. 1,440,793; Jan. 2.
Rasmussen, Hans E., Graettinger, Iowa. Trousers holder and press. 1,452,437; Apr. 17.
Rasmussen, Harry C., and J. Kellner, Brooklyn, N. Y. Strapping apparatus. 1,440,627; Jan. 2.
Rasmussen, Harry T., assignor to The Auto Devices and Development Company, Denver, Colo. Heater and fuel saver for automobiles. 1,456,933; May 29.
Rasmussen, Julius F. (See Graham, W. C., and Rasmussen.)
Rasmussen, Robert F., assignor to C. A. Libbey Company, Oshkosh, Wis. Stock-watering device. 1,452,705; Apr. 24.
Rasmussen, Robert F., assignor to C. A. Libbey Co., Oshkosh, Wis. Switch for overhead tracks. 1,454,188; May 8.
Rasmussen, Robert F., assignor to C. A. Libbey Company, Oshkosh, Wis. Lower-stanchion-securing means. 1,459,928; June 26.
Rasmussen, Robert F., assignor to C. A. Libbey Co., Oshkosk, Wis. Leading staff. 1,463,175; July 31.
Rasmussen, Robert F., assignor to C. A. Libbey Company, Oshkosh, Wis. Bull-leading staff. 1,467,452; Sept. 11.
Rasmussen, Sophus, assignor to American Gas Machine Company, Albert Lea, Minn. Supporting device for casings. 1,476,542; Dec. 4.
Rasmussen, Thorvald, Los Angeles, assignor of one-half to S. T. Hansen, Long Beach, Calif. Cranking mechanism. 1,475,876; Nov. 27.
Rast, Julius H., Charleston, S. C. Lock nut. 1,457,749; June 5.
Rastetter, William C., Fort Wayne, Ind. Steering wheel. 1,453,808; May 1.
Rastetter, William C., Fort Wayne, Ind. Steering wheel. 1,476,543; Dec. 4.
Rastetter, William C., Fort Wayne, Ind. Steering-wheel construction. 1,476,544; Dec. 4.
Rastetter, William C., Fort Wayne, Ind. Steering-wheel construction. 1,476,673; Dec. 4.

Rataiczak, Thomas F., assignor to The Hobart Manufacturing Company, Troy, Ohio. Meat chopper and making same. 1,451,891; Apr. 17.
Ratchet Brake Company. (See Blackall, Robert H., assignor.)
Ratcliffe, Emily. (See Ratcliffe, Frank S., assignor.)
Ratcliffe, Frank S., deceased; I. M. Jones, administrator, assignor to E. Ratcliffe, Milwaukee, Wis. Wrench. 1,450,224; Apr. 3.
Ratcliffe, Thomas, Wagoner, Okla. Fishing tool for oil wells. 1,470,482; Oct. 9.
Rateau, Auguste C. E., Paris, France. Means to maintain a suitable pressure in the liquid-fuel-storage tanks of airplanes. 1,471,417; Oct. 23.
Ratelle, Clarence, Los Angeles, Calif. Tire protector. 1,456,829; May 29.
Rath, Emil. (See Rath, Herman, assignor.)
Rath, Henry A., Elizabeth, N. J. Water-closet valve. 1,474,288; Nov. 13.
Rath, Henry C., Appleton, Wis. Water elevator. 1,458,850; June 12.
Rath, Herman, assignor of one-half to E. Rath, Indianapolis, Ind. Form for concrete. 1,452,983; Apr. 24.
Rathbone, Richard L. B., London, and C. Morton, Thornton Heath, England. Hand tool for gripping, bending, or cutting operations. 1,445,710; Feb. 20.
Rathbum, Milo D., Muncie, Ind. Fender device. 1,445,238; Feb. 13.
Rathbun, Edgar A., assignor to American Forging and Socket Co., Pontiac, Mich. Vehicle top. 1,458,242; June 12.
Rathbun, George D., Kansas City, Mo. Combination locking mechanism. 1,449,248; Mar. 20.
Rather, James B., assignor to Charles J. Tagliabue Manufacturing Co., Brooklyn, N. Y. Flame-measuring device. 1,469,052; Sept. 25.
Rathman, Gilbert, assignor to W. E. Quimby, Inc., New York, N. Y. Rotary pump. 1,459,552; June 19.
Rathman, John H., Wichita, Kans. Bathing suit. 1,457,604; June 5.
Rathmell, John M., assignor to Dunn Road Machinery Company, Conneaut, Ohio. Machine for making concrete pavement. 1,447,999; Mar. 13.
Rathsack, Edward J. (See Kramp, A. M., Peters, and Rathsack.)
Rathsburg, Hans, Furth, Germany. Priming composition and producing the same. 1,470,104; Oct. 9.
Ratliff, William, Montreal, Quebec, Canada. Helicopter. 1,469,330; Oct. 2.
Ratner, Leo, and M. Schwarz, New York, N. Y. Testing materials. 1,444,803; Feb. 13.
Ratterree, Thomas N., Picher, Okla. Heater. 1,444,086; Feb. 6.
Ratzenstein, William. (See Nicholas, Rollo L., assignor.)
Ratzenstein, William. (See Nicholas, R. L., and Goldberger, assignors.)
Rau Construction Company. (See Rau, Gustav, assignor.)
Rau, Gustav, assignor to Rau Construction Company, Kansas City, Mo. Composition for building tile. 1,473,047; Nov. 6.
Rau, Henry V., assignor to Edwin B. Stimpson Company, Brooklyn, N. Y. Fuse plug. 1,473,381; Nov. 6.
Raub, Charles B., New London, Conn. Emblem, badge, decalcomania, or article of similar nature. Des. 61,755; Jan. 2.
Raub, Floyd C., Concord, N. H. Connector. 1,440,628; Jan. 2.
Raubert, Frank T., Ligonier, Ind., assignor to M. Altfeld, South Bend, Ind. Grapefruit knife. 1,466,753; Sept. 4.
Rauch, George F., Pukwana, S. Dak. Safety crank for automobiles. 1,452,758; Apr. 24.
Raudman, Earl, Constantine, Mich. Spotlight for automobiles. 1,446,482; Feb. 27.
Rauen, John T., Dayton, Ohio. Internal-combustion engine. 1,455,008; May 15.
Rauh, Frank J., Bakersfield, Calif. Milk can. 1,456,404; May 22.
Rauh, Frederic H., South Orange, N. J. Movable-jawed tool. 1,456,339; May 22.
Rauh, Herbert S., New York, N. Y. Gaiter. Des. 63,195; Oct. 30.
Rauhoff, John M., Tinley Park, Ill. Broom. 1,467,115; Sept. 4.
Raulerson, Harmon L., assignor of one-half to S. J. Thibodeaux, Okeechobee, Fla. Valve. 1,465,176; Aug. 14.
Raun-Linde, Sadie, San Diego, Calif. Combination dresser and dressing table. 1,449,548; Mar. 27.
Rauschenberg, Emil C., assignor to Wheeling Mold & Foundry Co., Wheeling, W. Va. Cast-metal annealing box. 1,461,555; July 10.
Rauscher, Frederick, West New Brighton, N. Y. Overshoe. 1,467,950; Sept. 11.
Raven, Artie L., San Jose, Calif. Kindling compound. 1,466,480; Aug. 28.
Raven, John, Deervale, via Armidale, New South Wales, Australia. Ratchet drill. 1,448,638; Mar. 13.
Raven, John H., Chicago, Ill. Coating for transfer paper. 1,446,104; Feb. 20.
Ravenelle, Adelard E., Norwich, Conn. Shuttle eye. 1,456,405; May 22.
Ravenor, Wilfrid F., Vancouver, British Columbia, Canada. Oil burner. 1,468,417; Sept. 18.
Ravn, Hans P., Waterloo, Iowa. Adjustable screen. 1,466,060; Aug. 28.
Raw, Charles, Toledo, Ohio. Veneer building block. 1,454,859; May 15.
Rawak, George. (See Casner, Thaddeus S., assignor.)
Rawak, George. (See Fowler, Elbert, assignor.)
Rawcliffe, Leslie C., Foxboro, Mass. Cream extractor. 1,471,528; Oct. 23.
Rawdon, Edward W., Akron, Ohio. Locomotive driving box. 1,452,895; Apr. 24.
Rawdon, Edward W., Akron, Ohio. Locomotive driving box. 1,452,896; Apr. 24.
Rawlence, Leonard C. (See Exley, W. H., and Handasyde, assignors.)
Rawley, Wayne, assignor to Blaw-Knox Company, Pittsburgh, Pa. Annealing bottom. 1,474,607; Nov. 20.
Rawlings, Ernest J., Balham, London, England. Spring-actuated winding mechanism, particularly for windows. 1,473,739; Nov. 13.
Rawlings, Herbert S., B. H. Gray, D. Call, and M. Peck, Richmond, Va. Golf bags. 1,442,906; Jan. 23.
Rawlings, John J., assignor of one-half to The Rawplug Company Limited, London, England. Tubular wall plug made from string or like material. 1,446,432; Feb. 20.
Rawls, Archie M., Dixon, Ill. Alcohol-flame intensifier. 1,453,519; May 1.
Rawplug Company Limited, The. (See Rawlings, John J., assignor.)
Rawson Electrical Instrument Company. (See Michaelsen, Harold N., assignor.)
Rawson, Jerome S., et al. (See Smith, William J., assignor.)
Rawson, Myron R., assignor to Western Cedar Pole Preservers, Spokane, Wash. Pole-puncturing machine. 1,440,893; Jan. 2.
Rawson, Myron R., Spokane, Wash., assignor to J. H. Bolin, Sandpoint, Idaho. Match-block sawing machine. 1,464,727; Aug. 14.
Ray, Arthur J., and W. A. Chapin, assignors to Automatic Electric Company, Chicago, Ill. Automatic telephone system. 1,468,078; Sept. 18.
Ray, Arthur J., Chicago, and H. F. Obergfell, Austin, assignors to Automatic Electric Company, Chicago, Ill. Automatic telephone system. 1,469,809; Oct. 9.
Ray, Charles H., Stuttgart, Ark. Tractor-harvester transmission. 1,443,548; Jan. 30.
Ray, Eugene J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Blank-forming machine. 1,447,224; Mar. 6.
Ray, Eugene J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole-cutting machine. 1,456,038; May 22.
Ray, Eugene J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Bobbin-winding machine. 1,459,074; June 19.
Ray, Eugene J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Skiving machine. 1,469,849; Oct. 9.
Ray, Eugene J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for trimming the edges of boots and shoes. 1,478,797; Dec. 25.
Ray, James G. (See Cartwright, Albert D., assignor.)
Ray, James T., Campbell, Tex. Oil heater. 1,468,674; Sept. 25.
Ray, Joseph L., South Orange, N. J. Advertising sign. 1,461,047; July 10.
Ray, Loney E., Oil Trough, Ark. Cushion tire. 1,449,549; Mar. 27.
Ray, Olaf E. (See Skinderviken, Johan, assignor.)
Ray, Sterling P., assignor of one-half to F. M. Kemp, Urich, Mo. Tool box. 1,473,319; Nov. 6.
Ray, William. (See Ellis, Wallace, assignor.)
Ray, William R., San Francisco, Calif. Oil burner. 1,441,630; Jan. 9.
Raybestos Company, The. (See Judd, Morton F., assignor.)
Raybestos Company, The. (See Kirschbraun, Lester, assignor.)
Rayder, Joseph A., Philadelphia, Pa. Toy. 1,440,794; Jan. 2.
Rayder, Joseph A., Philadelphia, Pa. Atomizer. 1,441,373; Jan. 9.
Rayder, Joseph A., Philadelphia, Pa. Stethoscope. 1,445,711; Feb. 20.
Rayder, Joseph A., Philadelphia, Pa. Applicator brush. 1,445,911; Feb. 20.
Rayder, Joseph A., Philadelphia, Pa. Torpedo head. 1,460,175; June 26.
Rayder, Joseph A., Philadelphia, Pa., assignor to The Necrosan Co., Inc., New York, N. Y. Embalming-fluid atomizer. 1,455,969; May 22.
Raymond, Charles S., Milwaukee, Wis. Combined bumper and fender for vehicles. 1,443,850; Jan. 30.
Raymond Concrete Pile Company. (See Pond and Mellen, assignors.)
Raymond Concrete Pile Company. (See Schroeder, F. A., and Smith, assignors.)
Raymond Concrete Pile Company. (See Smith, H. R., and Twist, assignors.)
Raymond, Emma. (See Dyer, William H., assignor.)

Alphabetical list of patentees—Continued.

Raymond, Harry, East Syracuse, N. Y. Key lock. 1,476,841; Dec. 11.
Raymond, Harry B., and R. J. Baker, Duluth, Minn. Tire armor. 1,448,150; Mar. 13.
Raymond, Harry C., Salt Lake City, Utah. Vehicle signal. 1,457,460; June 5.
Raymond, Harry K., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vehicle tire. 1,458,629; June 12.
Raymond, John M., New Orleans, La. Flying-machine propeller. 1,453,951; May 1.
Raymond, Louis F. (See Marshall, William H., assignor.)
Raymond, Melvin E., Chicago, Ill., assignor to Right Manufacturing Company, Louisville, Ky. Radiator ventilator. 1,445,354; Feb. 13.
Raymond, Milton D., Mount Jewett, Pa. Railway periscope. 1,447,036; Feb. 27.
Raymond, Ray R., New York, N. Y. Lock. 1,454,768; May 8.
Raymond, Reuben, Napa, Calif. Baseball-glove pad. 1,465,830; Aug. 21.
Raymond Veneer Company. (See De Lateur, Alphonse J., assignor.)
Rayne, John F., New York, N. Y. Surgical appliance. 1,477,187; Dec. 11.
Rayzor, Samuel B., Denton, Tex. Scoring ice. 1,443,039; Jan. 23.
Rayzor, Samuel B., Denton, Tex. Ice-scoring machine. 1,443,696; Jan. 30.
Raze, James E., Portland, Oreg. Seed separator. 1,466,560; Aug. 28.
Razey, Silas C., and P. M. Elliott, Anthony, Kans. Thrasher. 1,447,887; Mar. 6.
Rea, Albert L., Shawnee, Ohio. Automatic stuffing box. 1,467,877; Sept. 11.
Rea, Edwin F., assignor to F. H. Noble & Company, Chicago, Ill. Means for securing name plates and the like to walls. 1,449,839; Mar. 27.
Rea, John H. B., La Fayette, Ga. Muffler for gas engines. 1,447,037; Feb. 27.
Reach, George A. (See Graeff, Walter L., assignor.)
Reach, George A. (See Nixon, Robert F., jr., assignor.)
Reach, William F., Springfield, Mass., assignor to A. G. Spalding & Bros., New York, N. Y. Roller skate. 1,458,243; June 12.
Reach, William F., Springfield, Mass., assignor to A. G. Spalding & Bros., New York, N. Y. Tube skate. 1,472,886; Nov. 6.
Read, Charles, Brooklyn, N. Y. Snap fastener. 1,443,146; Jan. 23.
Read, Charles F. (See Read, William L., assignor.)
Read, Charles F., et al. (See Tobolla, Victor T., assignor.)
Read, Clara G., administratrix. (See Read, Landon C.)
Read, Emma, Spokane, Wash. Portable baby fence. 1,444,427; Feb. 6.
Read, Emma, Spokane, Wash. Portable baby cage. 1,448,235; Mar. 13.
Read, Ernest K., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Switch. 1,464,538; Aug. 14.
Read, Harry S., New Haven, Conn., assignor to Western Electric Company, Incorporated, New York, N. Y. Electric circuits. 1,464,111; Aug. 7.
Read, Harry V. R., and R. H. Campbell, Edmonton, England. Apparatus for filing and closing capsules or containers. 1,440,745; Jan. 2.
Read, Henry H., London, England. Packing case. 1,447,038; Feb. 27.
Read, Landon C., deceased, Los Angeles, Calif.; C. G. Read, administratrix. Treating petroleum, 1,455,040; Feb. 13.
Read, Walter C., Bloomfield, N. J. Mechanical movement. 1,472,090; Oct. 30.
Read, William L., et al. (See Tobolla, Victor T., assignor.)
Read, William L., assignor of one-half to C. F. Read, Chicago, Ill. Coupling head. 1,461,225; July 10.
Reade, William A., Evanston, Ill., assignor to Ludlow Typograph Company, Chicago, Ill. Typograph mechanism. 1,455,885; May 22.
Reading Valve and Fittings Company. (See Rahm, Robert C., assignor.)
Readle, William H., San Bernardino, Calif. Fish lure. 1,454,820; May 8.
Readle, William H., San Bernardino, Calif. Drag handle for fishing reels. 1,467,250; Sept. 4.
Ready, William A., Brookline, assignor to National Company, Cambridge, Mass. Pressure gauge. 1,452,126; Apr. 17.
Ready, William A., Brookline, assignor to National Company, Cambridge, Mass. Clamp support. 1,470,642; Oct. 16.
Reagan, Frank H., Rochester, N. Y., assignor, by mesne assignments, to Locke Insulator Corporation, Baltimore, Md. Connecting insulator units. 1,446,067; Feb. 20.
Reagan, George M., Alton, assignor of one-half to J. I. Wohl, Chicago, Ill. Merry-go-round. 1,476,180; Dec. 4.
Reagan, Walter G., Lebanon, Ind. Combined egg candling and assembling device. 1,472,673; Oct. 30.
Reagan, Walter G., Lebanon, Ind. Combined egg candling and assembling device. 1,472,674; Oct. 30.
Reardon, Fred A., assignor to Hamel Shoe Machinery Company, Bridgeport, Conn. Counterturning machine. 1,455,548; May 15.
Reardon, Fred A., Bradford, Mass., assignor to Hamel Shoe Machinery Company. Forepart-turning machine. 1,462,823; July 24.
Reardon, Fred A., assignor to Hamel Shoe Machinery Company, Bridgeport, Conn. Wood-heel-nailing machine. 1,477,768; Dec. 18.
Reardon, Fred A., assignor to Hamel Shoe Machinery Company, Bridgeport, Conn. Counter-turning machine. 1,477,769; Dec. 18.
Reardon, John J., Philadelphia, Pa. Combined brush and scraper. 1,459,861; June 26.
Reardon, Robert E., Wrightsville, Pa. Educative dummy firearm. 1,476,181; Dec. 4.
Reaser, John W., S. M. Hull, and F. H. Osborne, Portsmouth, Va. Headlight mechanism. 1,454,788; May 8.
Reason, Walter M., Pontiac, Mich. Automobile signal. 1,440,629; Jan. 2.
Reasoner, Casper J., Dows, Iowa, assignor of one-third to A. Lange, Highmore, S. Dak. Automatic wagon brake. 1,467,499; Sept. 11.
Reasoner, James A., Athens, Ohio. Tank cap. 1,457,088; May 29.
Reatherford, Joseph H., Huntington, W. Va. Watch-cleaning apparatus. 1,443,803; Jan. 30.
Reaugh Construction Company, The. (See Reaugh, Ernest W., assignor.)
Reaugh, Ernest W., assignor to The Reaugh Construction Company, Cleveland, Ohio. Sectional partition. 1,450,733; Apr. 3.
Reaugh, Frank, Oakcliff, Tex. Lap easel. 1,476,545; Dec. 4.
Reaume, Harry E., Detroit, Mich. Piston ring. 1,478,486; Dec. 25.
Reaves, William P., Greensboro, N. C. Astigmatic and visual acuity apparatus. 1,467,500; Sept. 11.
Rebello, Oscar, Bahia, Brazil. Homogeneous aluminum solder. 1,466,061; Aug. 28.
Reber, Emil, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Coloring matter derived from pyrazolone. 1,447,485; Mar. 6.
Reber, James B., assignor to Columbian Rope Company, Auburn, N. Y. Fiber-opening machine. 1,465,235; Aug. 14.
Rebollar y Plancht, Mauricio, Habana, Cuba. Pneumatic tube. 1,456,567; May 29.
Rebori, Atilio, Buenos Aires, Argentina. Automatic date-recording indicator of excess speed. 1,443,040; Jan. 23.
Rebori, Atilio, Buenos Aires, Argentina. Time-controlled actuating mechanism. 1,446,128; Feb. 20.
Rebours, Jules E., Grand Rapids, Mich. Vehicle. 1,474,163; Nov. 13.
Rebstock, August J., assignor to Alvey Manufacturing Company, St. Louis, Mo. Conveyer. 1,450,225; Apr. 3.
Rebstock, August J., assignor to Alvey Manufacturing Company, St. Louis, Mo. Conveyer. 1,450,226; Apr. 3.
Rechichar, Joseph, assignor of forty-five per cent to W. B. Cleary, Plymouth, Pa. Mining machine. 1,468,326; Sept. 18.
Recip-Roto Engine Company, The. (See Moors, G. F., and Martin, assignors.)
Reck, Amzi G., Columbus, Ohio. Conveying mechanism. 1,456,715; May 29.
Reck, Maurus C., assignor to Sill Stove Works, Rochester, N. Y. Stove-oven superstructure. Des. 62,017; Feb. 27.
Recker, Adolph C., Oakville, assignor to The Chase Companies, Waterbury, Conn. Electric-lamp fixture. 1,440,412; Jan. 2.
Recker, Adolph C., Oakville, assignor to Chase Companies Inc., Waterbury, Conn. Insulated suspension stem for electric-lighting fixtures. 1,470,189; Oct. 9.
Reckleff, John, and W. Rosenberg, New York, N. Y. Antitheft identification marking. 1,443,383; Jan. 30.
Records, Chester E., Anderson, Ind. Domestic water-service system. 1,460,982; July 3.
Rector, Adam A. (See Morris, Fred C., assignor.)
Rector, Harlan S., Chicago, Ill. Pneumatic tire. 1,452,168; Apr. 17.
Rector, Harlan S., assignor to The Beckley-Ralston Co., Chicago, Ill. Tire casing. Des. 62,174; Apr. 3.
Rector, William H., Williamson, W. Va. Battery case and switch. 1,457,671; Jan. 5.
Red Cross Manufacturing Co., The. (See Bartlemay, Arlie, assignor.)
Red River Refining Company. (See Schulze, John E., assignor.)
Redden, Eugene E., Springfield, Mass. Tire. 1,470,105; Oct. 9.
Redders, Paul H. C. (See Torka, F., and Redders.)
Reddig, Charles E., Richmond Hill, assignor to Western Electric Company, Incorporated, New York, N. Y. Brace and tension device. 1,445,239; Feb. 13.
Reddig, Charles E., Richmond Hill, assignor to Western Electric Company, Incorporated, New York, N. Y. Clothes wringer. 1,461,226; July 10.
Reddig, Charles E., Richmond Hill, assignor to Western Electric Company, Incorporated, New York, N. Y. Clutch mechanism. 1,462,046; July 17.

Reddig, Charles E., Richmond Hill, assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical ignition system. 1,464,112; Aug. 7.
Reddig, Clyde H., and H. A. Barrett, Lincoln, Nebr. Portable oven. 1,458,002; June 5.
Redfern, Alfred E. (See Redfern, Winifred V. and A. E.)
Redfern, Charles E. (See Redfern, Winifred V. and A. E., assignors.)
Redfern, Winifred V. and A. E., Victoria, British Columbia, Canada. Line-space and carriage-return lever and pad for typewriters. 1,470,190; Oct. 9.
Redfern, Winifred V. and A. E., assignors of one-third to C. E. Redfern, Victoria, British Columbia, Canada. Finger guard for the line-space and carriage-return levers of typewriters. 1,454,014; May 1.
Redfield, Howard A., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Automatic pin-setting machine. 1,468,212; Sept. 18.
Redfield, John V., Grosse Pointe, assignor to Central Station Steam Company, Detroit, Mich. Condensation-meter counterhousing. 1,463,404; July 31.
Redfield, William C. (See Larsen, H. G., and Redfield.)
Redgrave, Gilbert R. (See Bowell, George B., assignor.)
Redinger, Joseph M., Providence, R. I. Spring hammer. 1,465,918; Aug. 21.
Redington, F. B., Company. (See Milmoe, Michael J., assignor.)
Redler, Arnold, Sharpness, England. Conveyer for substances in a fine or loose state of division. 1,475,596; Nov. 27.
Redman, Charles H., East Orange, N. J., assignor to Boker Cutlery & Hardware Company, Incorporated, New York, N. Y. Hair clipper. 1,445,041; Feb. 13.
Redman, Charles H., East Orange, N. J., assignor to Boker Cutlery & Hardware Company, Inc., New York, N. Y. Pruning shears and other implement. 1,453,603; May 1.
Redman, Walter H., Newark, N. J., assignor, by mesne assignments, to H. Boker & Co., Inc. (of N. J.), New York, N. Y. Hair clipper. 1,461,326; July 10.
Redmond, Harriet L., Boston, assignor to The William Carter Company, Needham, Mass. Brassière. 1,446,928; Feb. 27.
Redmond, Harriet L., Boston, assignor to The William Carter Company, Needham Heights, Mass. Infant's garment. 1,459,747; June 26.
Redmond, Harriet L., Boston, assignor to The William Carter Company, Needham Heights, Mass. Infant's band. 1,475,921; Nov. 27.
Redmond, Harry C., sr., Houston, Tex. Ferrule. 1,463,840; Aug. 7.
Redoute, George E., Trenton, N. J. Carrier for ice-cream cones. 1,448,866; Mar. 20.
Redrup, William D., assignor to The Majestic Company, Huntington, Ind. Collapsible register. 1,476,921; Dec. 11.
Ree, Albert C., Libertyville, Ill. Shock absorber. 1,457,122; May 29.
Reece, Asa C. (See Reece, John E. and A. C.)
Reece Button Hole Machine Company, The. (See Hagelstein, Christian H. T., assignor.)
Reece Button Hole Machine Company, The. (See Kiewicz, John, assignor.)
Reece Button Hole Machine Company, The. (See Reece, Franklin A., assignor.)
Reece, Frank A., Chestnut Hill, Mass. Automobile headlight. 1,440,840; Jan. 2.
Reece, Franklin A. (See Reece, John and F. A.)
Reece, Franklin A., Chestnut Hill, assignor to The Reece Button Hole Machine Company, Boston, Mass. Sewing machine. 1,478,760; Dec. 25.
Reece, John, assignor to Evr-Klean Seat Pad Co., St. Louis, Mo. Seat cover. 1,450,387; Apr. 3.
Reece, John, assignor to Evr Klean Seat Pad Co., St. Louis, Mo. Seat pad. 1,450,703; Apr. 3.
Reece, John, assignor to Reece Transmission Company, Boston, Mass. Variable-speed transmission. 1,461,556; July 10.
Reece, John, assignor to Reece Transmission Company, Boston, Mass. Power transmission. 1,461,557; July 10.
Reece, John, assignor to Reece Transmission Company, Boston, Mass. Power-transmission apparatus. 1,461,558; July 10.
Reece, John, Boston, and F. A. Reece, Brookline, assignors to Reece Transmission Company, Boston, Mass. Power-transmission apparatus. 1,461,559; July 10.
Reece, John E. and A. C., Butler, Tenn. Corn harvester. 1,456,569; May 29.
Reece, Joseph A. (See Rowley, C. A., and Reece.)
Reece, Juan H., assignor to Rex Steel Stamping Company, Joliet, Ill. Punch press. 1,466,030; Aug. 28.
Reece, Raymond H., Joliet, Ill. Breast support. 1,448,639; Mar. 13.
Reece Shoe Machinery Company. (See Schoenky, August R., assignor.)
Reece Transmission Company. (See Reece, John, assignor.)
Reece Transmission Company. (See Reece, John and F. A., assignors.)
Reed, Adam, Yakima, Wash. Shank stiffener. 1,473,516; Nov. 6.
Reed, Andrew H., Fullerton, Calif. Pump construction. 1,450,333; Apr. 3.
Reed, Asbury, et al. (See Bertrand, John A., assignor.)
Reed, Burton I., Concord, N. H. Badge or button. Des. 62,293; May 1.
Reed, C. E., (See Cedillo, Nicasio, assignor.)
Reed, Charles C., Clarksburg, W. Va., assignor to The Hope Construction and Refining Company, Pittsburgh, Pa. Operation employed in extracting liquid vapor from a gaseous carrier. 1,456,570; May 29.
Reed, Charles J., Glenside, Pa. Process of and apparatus for heating materials. 1,447,888; Mar. 6.
Reed, Charles J., Glenside, Pa. Process of and apparatus for grading solid materials. 1,452,815; Apr. 24.
Reed, Clarence E., Houston, Tex. Reamer. 1,441,169; Jan. 2.
Reed, Clarence E., and M. Czeftczick, Houston, Tex.; said Czeftczick assignor to said Reed. Coupling or tool joint. 1,462,824; July 24.
Reed, Emery, New York, N. Y. Liquid-dispensing nozzle. 1,449,446; Mar. 27.
Reed, Frederick J. and J. S., Southampton, England. Electrically-heated vaporizer for internal-combustion engines. 1,466,248; Aug. 28.
Reed, George E., assignor of one-half to J. A. Mann, Greenville, Miss. Attachment for doors. 1,450,227; Apr. 3.
Reed, Harrison P., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Braking apparatus. 1,446,517; Feb. 27.
Reed, Herbert S. (See Carlson, John W., assignor.)
Reed, James, and G. Washington, New Orleans, La. Automobile rim tool. 1,459,294; June 19.
Reed, James H., Swampscott, Mass., assignor to Hamel Shoe Machinery Company, Bridgeport, Conn. Assembling and lasting machine. 1,454,562; May 8.
Reed, James H., Swampscott, Mass., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Welt-guide and stitch-indenting mechanism. 1,466,341; Aug. 28.
Reed, James T., Akron, Iowa, assignor of one-half to S. D. Carney, Sioux City, Iowa. Level. 1,442,000; Jan. 9.
Reed, Jesse O., Washington, D. C., assignor to Assistant Secretary of Agriculture of the United States of America. Pneumatic cleaning nozzle. 1,451,553; Apr. 10.
Reed, John, Corbridge-upon-Tyne, England. Exhaust silencer for internal-combustion engines. 1,447,688; Mar. 6.
Reed, John, Corbridge-on-Tyne, England. Intake silencer for internal-combustion engines. 1,468,398; Sept. 18.
Reed, John G., Los Angeles, Calif. Toy. 1,454,077; May 8.
Reed, John G., Orwigsburg, Pa. Demountable rim. 1,455,733; May 15.
Reed, John L., Lemont, assignor to Aluminum Products Company, Chicago, Ill. Assembling press. 1,440,493; Jan. 2.
Reed, John S. (See Reed, Frederick J. and J. S.)
Reed, Joshua D., Union Township, Clermont County, Ohio. Casket cover and grave liner. 1,472,091; Oct. 30.
Reed, Lester C., assignor of one-half to F. J. Feldman, New York, N. Y. Shock absorber. 1,477,976; Dec. 18.
Reed Manufacturing Company. (See Schuman, Albert C., assignor.)
Reed, Martin R., et al. (See Mosley, Elzie V., assignor.)
Reed, Matthew H., Chicago, Ill. Lawn mower. 1,444,387; Feb. 6.
Reed, Milton C., Reeds, Mo. Fertilizer. 1,472,675; Oct. 30.
Reed, Percy L., Norristown, Pa. Rail-securing device. 1,465,685; Aug. 21.
Reed, Ralph, Cincinnati, Ohio. Cushion wheel. 1,458,148; June 12.
Reed, Ralph, Cincinnati, Ohio. Shock-absorbing device. 1,458,149; June 12.
Reed, Ralph R., Oakland, Calif. Detachable tooth for handsaws. 1,445,972; Feb. 20.
Reed, Ray H., Klamath Falls, Oreg. Stock card. 1,465,527; Aug. 21.
Reed, Robert I., Loveland, Okla. Fishing tackle. 1,475,408; Nov. 27.
Reed, Robert W., Rochester, Minn. Surgical appliance, brace, and socket for arms and legs. 1,461,161; July 10.
Reed Roller Bit Company. (See Esperson, Niels, assignor.)
Reed, Sylvanus A., New York, N. Y. Aeronautical propeller. 1,463,556: July 31.
Reed, W. G., et al. (See Reed, Warren B., assignor.)
Reed, Warren A., et al. (See Diehl, George M., assignor.)
Reed, Warren B., Morgan City, La. Setting casing and cementing the same. 1,459,990; June 26.
Reed, Warren B., Morgan City, La., assignor of one-fourth to J. R. Suman, Houston, Tex.; one-fourth to E. A. Pharr, one-eighth to W. G. Reed, and one-eighth to W. Hepler, Morgan City, La. Process of and apparatus for setting casing and screen in wells and cementing. 1,459,989; June 26.
Reed, Willard, et al. (See Smith, Hazor J., assignor.)
Reed, William. (See Detwiler, Angus F., assignor.)

Reed, William A., assignor of one-half to S. Lathey Springfield, Ohio. Shoe-last stand. 1,463,753; July 31.
Reedy, John H., Hamilton, Ohio. Driving collar. 1,451,111; Apr. 10.
Reedy, John H., assignor to The Champion Coated Paper Company, Hamilton, Ohio. Paper-sorting table. 1,467,652; Sept. 11.
Reekers, Andrew, Portland, Oreg. Trolling spoon. 1,467,116; Sept. 4.
Reekers, Andrew, Portland, Oreg. Trolling spoon. 1,471,280; Oct. 16.
Reeks, Albert H., Toronto, Ontario, Canada. Automobile lamp. 1,452,654; Apr. 24.
Reemelin, Oscar B. (See Lewis, Frederick O., assignor.)
Reeps, Charles O., Chicago, Ill. Laundry price chart. 1,473,382; Nov. 6.
Reeps, Leroy W., Springfield, Pa., assignor to Philadelphia Metal Drying Form Company, Philadelphia, Pa. Drying form. 1,464,539; Aug. 14.
Rees, Claude, San Francisco, Calif. Waste-burning furnace. 1,462,720; July 24.
Rees, Claude, and C. F. Hine, San Francisco, Calif. Radiator for drying apparatus. 1,466,383; Aug. 28.
Rees Manufacturing Company. (See Arnold, Edwin E., assignor.)
Rees, Silas, Frampton Cotterell, England. Wheel, pulley, or the like. 1,475,511; Nov. 27.
Rees, Thomas M., Kew Gardens, England. Machine for forming spiral flutes. 1,466,754; Sept. 4.
Reese, Arthur G., assignor to The Wellman-Seaver-Morgan Company, Cleveland, Ohio. Counterbalanced hoisting mechanism. 1,464,294; Aug. 7.
Reese, Charles C., San Francisco, J. T. Buzzo, Oakland, and R. S. Woodford, Crockett, Calif. Sugar-feeding machine. 1,450,423; Apr. 3.
Reese, Charles C., San Francisco, J. T. Buzzo, Oakland, and R. S. Woodford, Crockett, Calif. Sugar-packing machine. 1,453,767; May 1.
Reese, Curtis J., assignor to Ternstedt Manufacturing Co., Detroit, Mich. Windshield handle assembly. 1,441,631; Jan. 9.
Reese, Frank, Minneapolis, Minn., assignor to Watson Manufacturing Company, Jamestown, N. Y. Clamp. 1,478,254; Dec. 18.
Reeve, Howard T., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Casting high-melting-point metal and alloy. 1,442,444; Jan. 16.
Reeve, Sidney A., New York, N. Y. Car-heating system. 1,443,501; Jan. 30.
Reeve, William K. (See Johnson, John K., assignor.)
Reeves, Alfred, assignor of one-half to G. H. C. Butler, Birmingham, England. Device or apparatus for avoiding the glare or dazzle emanating from lamps. 1,464,884; Aug. 14.
Reeves, Edwin A., Milford, Conn. Commingling device. 1,448,151; Mar. 13.
Reeves, Edwin F., San Francisco, Calif., assignor to National Egg Case Company, Reno, Nev. Egg container. 1,445,171; Feb. 13.
Reeves, Elizabeth A. (See Painter, W. B., and Reeves.)
Reeves, Frank, Philadelphia, Pa., assignor to Gardner Textile Co., New York, N. Y. Woven fabric. Des. 63,196; Oct. 30.
Reeves, Herbert, and J. E. Cain, Columbus, assignors of one-half to S. D. Hearing and H. W. Unkel, Zanesville, Ohio. Automobile lock. 1,458,244; June 12.
Reeves, John. (See Grosholz, George, assignor.)
Reeves, John B. (See Smith, J. O., and Reeves.)
Reeves Manufacturing Company, The. (See Krantz, Joseph A., assignor.)
Reeves, Milton O., assignor to Reeves Pulley Company, Columbus, Ind. Grinding machine. 1,440,795; Jan. 2.
Reeves, Milton O., assignor to Reeves Pulley Company, Columbus, Ind. Grinding machine. 1,440,796; Jan. 2.
Reeves, Milton O., Columbus, assignor to Reeves Pulley Company, Indianapolis, Ind. Cone mounting for speed-varying transmissions. 1,440,797; Jan. 2.
Reeves, Milton O., assignor to Reeves Pulley Co., Columbus, Ind. V-type belt. 1,446,017; Feb. 20.
Reeves, Milton O., assignor to Reeves Pulley Co., Columbus, Ohio. V-type belt. 1,446,018; Feb. 20.
Reeves, Milton O., assignor to Reeves Pulley Co., Columbus, Ind. Centerless grinder. 1,456,462; May 22.
Reeves, Orwell C., Toledo, Ohio. Drying apparatus. 1,459,929; June 26.
Reeves, Orwell C., assignor to Toledo Scale Company, Toledo, Ohio. Spray booth. 1,448,000; Mar. 13.
Reeves, Orwell C., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 1,470,643; Oct. 16.
Reeves Pulley Company. (See Reeves, Milton O., assignor.)
Re-Filit Broom Company. (See Neff, Harry D., assignor.)
Refior, Emil M., Pittsburgh, Pa. Metal roll. 1,448,001; Mar. 13.
Reflector & Illuminating Co. (See Herron, James C., assignor.)
Refractories Machinery Manufacturing Company. (See Norton, Charles L., assignor.)
Regan Forge & Engineering Company. See Bailey, Walter C., assignor.)
Regan, John G., Newport, Ky. Sled. 1,475,877; Nov. 27.
Regan, John J., San Francisco, Calif. Lumber trailer. 1,443,760; Jan. 30.
Regan, Patrick T., assignor of one-half to E. J. Quinn, Bayonne, N. J. Rack. 1,461,676; July 10.
Regan Safety Devices Company, The. (See Kendall, Allen B., assignor.)
Regan Safety Devices Company, The. (See Shaver, Archibald G., assignor.)
Regan, Thomas J., New York, N. Y. Toilet-powder container. 1,450,386; Apr. 3.
Regaro, Frank, Macon, Ga. Fountain pen. 1,464,218; Aug. 7.
Regenbogen, Conrad, and E. Oehler, Kiel, Germany, assignors to Fried. Krupp Aktiengesellschaft Germaniawerft, Kiel-Gaarden, Germany. Driving mechanism for marine propellers. 1,465,024; Aug. 14.
Regensteiner, Theodore, Chicago, Ill. Printing roller. 1,461,068; July 10.
Reger, Robert V. (See Reger, Scott N., assignor.)
Reger, Scott N., Berryburg, W. Va., assignor of one-half to R. V. Reger, Clarksburg, W. Va. Multiple-compartment container. 1,459,257; June 19.
Reggio, Christy, Richmond Hill, N. Y., assignor of one-half to H. C. Stockman, Englewood, N. J. Shoe and making shoes. 1,471,917; Oct. 23.
Regina Corporation, The. (See Coates, Robert, assignor.)
Registrar Service Corporation. (See Howe, Junius A., assignor.)
Reglein, Carl W., Houston, Tex. Tool or implement case. 1,462,245; July 17.
Regnault, Henri. (See Chevalier, J. M. A., Bourcet, and Regnault.)
Rehak, Hans, Vienna, Austria. Hydaulic car jack. 1,450,114; Mar. 27.
Rehfeld, Ernst, assignor to Deutsche Werke Aktiengesellschaft, Berlin, Germany. Pneumatic riveter. 1,460,272; June 26.
Rehfuss, Martin O., Philadelphia, assignor to United States Chain and Forging Company, Pittsburgh, Pa. Chain-making machine. 1,458,851; June 12.
Rehfuss, Martin O., assignor to John Wanamaker, Philadelphia, Philadelphia, Pa. Folding machine. 1,460,273; June 26.
Rehm, Benjamin, Crystal City, Mo., assignor to Pittsburgh Plate Glass Company. Beveled-glass-polishing machines. 1,462,303; July 17.
Rehn, Albert B., Philadelphia, Pa. Phonograph reproducer. 1,452,094; Apr. 17.
Reich, Celia, Brooklyn, N. Y. Undergarment. 1,457,394; June 5.
Reichard, Fritz, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany, Tubbing for shafts. 1,454,408; May 8.
Reichard, Harold D., Akron, Ohio. Tire tread. Des. 62,412; May 22.
Reichard, Harold D., Akron, Ohio. Tire tread. Des. 62,413; May 22.
Reichard, Harold D., Akron, Ohio. Tire tread. Des. 62,537; June 19.
Reichard, Harold D., Akron, Ohio, assignor to Wildman Rubber Company, Bay City, Mich. Tire tread. Des. 62,010; Feb. 27.
Reichardt, Otto E. (See Reichstetter, G., jr., and Reichardt.)
Reichart, William M. (See Liberman, Bernard and L., and Reichart.)
Reichel, Hugo, Chicago, Ill. Belt cutter. 1,473,642; Nov. 13.
Reichert, John, Racine, Wis. Pedal extension. 1,445,355; Feb. 13.
Reichert, John, Racine, Wis. Traction or antiskid device. 1,473,442; Nov. 6.
Reichhelm, George L., assignor of one-half to W. H. Ritter, Short Beach, Conn. Carburetor. 1,456,515; May 29.
Reichmann, Frank J., Chicago, Ill. Coupler device. 1,462,921; July 24.
Reichstein, Charles F., Medford, Oreg. Sawing machine. 1,447,324; Mar. 6.
Reichstetter, George, jr., Newark, and O. E. Reichardt, Irvington, N. J. Spring bumper for vehicles. 1,468,868; Sept. 25.
Reichstetter, George, jr., Newark, and O. E. Reichardt, Irvington, N. J. Vehicle bumper and fender. 1,468,869; Sept. 25.
Reid, Albert R. (See Ohliger, L. P., and Reid.)
Reid, Albert T., Leavenworth, Kans. Baby jumper. 1,458,077; June 5.
Reid, Albert T., Leavenworth, Kans. Toilet case. 1,458,777; June 12.
Reid, Alexander C., Genoa, Ill. Vibratory hair clipper. 1,446,210; Feb. 20.
Reid, Alexander C., Genoa, Ill. Vibratory cutter. 1,446,211; Feb. 20.
Reid, Bertha W. (See Riegelman, Frank, assignor.)
Reid, Daniel W. (See Gormley, D. A., and Reid.)
Reid, Ernest A., London, England. Method of and apparatus for atomizing and burning fuel oil. 1,478,255; Dec. 18.
Reid, J. M. & J. O. (See Reid, James O., assignor.)
Reid, James, New York, N. Y. Umbrella. 1,464,507; Aug. 14.

Reid, James, New York, N. Y., and H. Hopkinson, South Orange, N. J., assignors to Raincheck Umbrellas, Inc. Umbrella. 1,464,830; Aug. 14.
Reid, James C., Cleveland, and W. C. Taylor, East Cleveland, Ohio. Toe-plate fastener. 1,471,004; Oct. 16.
Reid, James H., Pittsburgh, Pa., assignor to International Nitrogen Co., Cleveland, Ohio. Material for the production of carbide. 1,445,644; Feb. 20.
Reid, James H., Readsboro, Vt., assignor to T. Q. Hogan, Boston, Mass. Process of and material for the production of metal hydrates and for the production of gas. 1,445,645; Feb. 20.
Reid, James O., assignor to J. M. & J. O. Reid, Oshawa, Ontario, Canada. Apparatus for tilting automobiles. 1,478,256; Dec. 18.
Reid, John, New York, N. Y. Furnace front. 1,449,840; Mar. 27.
Reid, John, New York, N. Y. Furnace front. 1,449,841; Mar. 27.
Reid, John, London, England. Furnace front. 1,470,875; Oct. 16.
Reid, John, London, England. Furnace. 1,470,876; Oct. 16.
Reid, John, London, England. Air heaters of steam-boiler furnaces. 1,472,310; Oct. 30.
Reid, Marcellus, Cleveland, Ohio. Disk wheel. 1,471,356; Oct. 23.
Reid, Remer R., and F. Neudorff, Atlanta, Ga. Combined refrigerator show case and counter. 1,466,755; Sept. 4.
Reid, Robert M., Colorado Springs, Colo. Token holder. 1,464,586; Aug. 14.
Reid, Thomas, and N. T. Finlayson, Dundas, Ontario, assignors to Pitt Railway Equipments Limited, Montreal, Quebec, Canada. Power-transmitting device. 1,441,528; Jan. 9.
Reid, Thomas A. (See Colby, O. A., and Reid.)
Reid, Thomas A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Supporting resistor mounting plates. 1,443,590; Jan. 30.
Reid, Thomas A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric furnace. 1,444,939; Feb. 13.
Reid, Thomas A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Resistor-supporting means. 1,444,940; Feb. 13.
Reid, Thomas A., East Orange, assignor to Electric Heating Apparatus Company, Newark, N. J. Automatic temperature-control means for electric furnaces. 1,447,517; Mar. 6.
Reid, Thomas A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric resistance furnace. 1,472,137; Oct. 30.
Reid, Thomas A., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric furnace. 1,472,138; Oct. 30.
Reid, Thomas A., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric furnace. 1,472,139; Oct. 30.
Reid, Thomas A., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric resistance furnace. 1,477,384; Dec. 11.
Reid, Thomas A., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric furnace. 1,477,385; Dec. 11.
Reid, Willard. (See Smith, Hazor J., assignor.)
Reid, Willard, et al. (See Smith, Hazor J., assignor.)
Reid, William, Newark, N. J. Ship-propulsion apparatus. 1,470,191; Oct. 9.
Reid, William, Wenatchee, Wash. Table. 1,473,975; Nov. 13.
Reidenbach, Herman O., assignor to L. A. Young Industries, Inc., Detroit, Mich. Spring structure. 1,451,924; Apr. 17.
Reidenbach, Herman O., assignor to L. A. Young Industries, Inc., Detroit, Mich. Spring structure. 1,465,996; Aug. 28.
Reidt, Ulrich, Los Angeles, Calif. Hose valve. 1,451,588; Apr. 10.
Reidt, Ulrich, Los Angeles, Calif. Valve. 1,465,147; Aug. 14.
Reiff, Carl F., Fort Wayne, Ind., assignor to Deister Concentrator Company. Driving mechanism for ore concentrators. 1,468,575; Sept. 18.
Reifsnyder, James D., Weehawken, N. J., assignor, by mesne assignments, to Paper Utilities Co., Inc., New York, N. Y. Collapsible cup. 1,478,838; Dec. 25.
Reigard, Robert A. E., and S. Ranieri, Brackenridge, Pa. Railway-rail brace. 1,440,696; Jan. 2.
Reijnhout, Jan P., The Hague, Netherlands. Sparking plug for internal-combustion engines. 1,445,712; Feb. 20.
Reiley, Frederick A. (See Eaton, H. I., and Reiley.)
Reiling, August W., Fort Wayne, Ind. Safe. 1,469,810; Oct. 9.
Reilley, Charles F., and J. J. Ludwig, Woonsocket, R. I. Hub-cap attachment. 1,455,306; May 15.
Reilly, Alfred F., North Attleboro, Mass. Vanity case. Des. 62,310; May 1.
Reilly, Edgar J. (See Nelson, A. C., and Reilly.)
Reilly, Edgar J., assignor to The William B. Pollock Company, Youngstown, Ohio. Hot-metal car. 1,471,205; Oct. 16
Reilly, Francis B., Regina, Saskatchewan, Canada. Concrete building. 1,445,713; Feb. 20.
Reilly, Francis B., Regina, Saskatchewan, Canada. Building construction. 1,469,955; Oct. 9.
Reilly, Francis J., New York, N. Y. Self-winding clock. 1,448,815; Mar. 20.
Reilly, Francis J., New York, N. Y. Secondary clock. 1,448,816; Mar. 20.
Reilly, Frank C., assignor to J. I. Kopperl, New York, N. Y. Controller for electric signs. 1,451,112; Apr. 10.
Reilly, James F., Philadelphia, Pa. Trolley for trench machines and the like. 1,446,724; Feb. 27.
Reilly, James F., Philadelphia, Pa. Trolley. 1,461,454; July 10.
Reilly, John B., Whittier, and C. H. Stone, Brea, Calif. Overshot fishing tool. 1,477,593; Dec. 18.
Reilly, John F., New York, N. Y. Apparatus for disposing of snow. 1,457,797; June 5.
Reilly, John S., and F. R. Lynch, New York, N. Y. Shoe-shining device. 1,477,594; Dec. 18.
Reilly, Peter. (See Harrop, W., Reilly, and Farrell.)
Reilly, Peter C. (See Derby, I. H., and Highburg, assignors.)
Reilly, Peter C. (See McCullough, E. W., and Wilson, assignors.)
Reilly, William J., Denver, Colo. Apparatus for separating oil from oil-bearing sands and rocks. 1,475,028; Nov. 20.
Reily, John P., assignor of one-fourth to E. McBride, St. Louis, Mo. Detachable shoe-heel lift. 1,442,001; Jan. 9.
Reim, Reinhold J., assignor of one-half to F. X. Jaegel, Hayward, Calif. Shoe. 1,469,697; Oct. 2.
Reimann, Louis P., Buffalo, N. Y. Ladder bracket. 1,474,289; Nov. 13.
Reimann, Paul, assignor to M. Lowenstein & Sons, Inc., New York, N. Y. Textile fabric. Des. 62,260; Apr. 24.
Reimann, Paul, assignor to M. Lowenstein & Sons, Inc., New York, N. Y. Textile fabric. Des. 62,261; Apr. 24.
Reimann, Paul, assignor to M. Lowenstein & Sons, Inc., New York, N. Y. Textile fabric. Des. 62,262; Apr. 24.
Reimann, Paul, assignor to M. Lowenstein & Sons, Inc., New York, N. Y. Textile fabric. Des. 62,263; Apr. 24.
Reimann, Paul, assignor to M. Lowenstein & Sons, Inc., New York, N. Y. Textile fabric. Des. 62,387; May 15.
Reimche, George W., Moorhead, Minn. Articulator. 1,451,892; Apr. 17.
Reimer, George H., assignor to Patent Novelty Company, Fulton, Ill. Holding device. 1,452,816; Apr. 24.
Reimer, George H., assignor to Patent Novelty Company, Fulton, Ill. Receptacle and lock therefor. 1,457,002; May 29.
Reimers, William F. C., Paullina, Iowa. Fish-stringing device. 1,447,429; Mar. 6.
Rein, Gottfried H., Cincinnati, Ohio, assignor of one-fourth to J. Binder, Ludlow, Ky. Razor-blade stropper. 1,474,290; Nov. 13.
Rein, Max. (See Hermance, C. C., and Rein.)
Reinartz, Josef, Mount Vernon, N. Y. Ham boiler. 1,454,337; May 8.
Reinecke, Frank J. (See McComish, John J., assignor.)
Reineke, William F., Lakefield, Minn. Combined clutch actuator and brake. 1,459,258; June 19.
Reinel, Martin, et al., executors. (See Hellenthal, Karl.)
Reinelt, William W., Deckerville, Mich. Carpenter's folding sawhorse. 1,450,869; Apr. 3.
Reineman, Edwin A., Pittsburgh, Pa. Lock. 1,471,061; Oct. 16.
Reiner, Abram M., Cleveland, Ohio. Windshield. 1,461,095; July 10.
Reiner, Emanuel. (See Hartleb, Rudolph C., assignor.)
Reiner, Robert, Weehawken, N. J. Fabric-winding mechanism. 1,477,595; Dec. 18.
Reiners, Wilhelm, Munich-Gladbach, Germany. Bobbin holder. 1,459,694; June 19.
Reiners, Wilhelm, and G. Kahlisch, assignors to W. Schlafhorst & Co., Munich-Gladbach, Germany. Protective thimble for bobbins. 1,446,396; Feb. 20.
Reinery, Rudolf, Kabel, Germany. Automatic chuck. 1,457,268; May 29.
Reinhard, Frank A., Wilmington, assignor to Boston Tool and Manufacturing Company, Boston, Mass. Filing machine. 1,454,690; May 8.
Reinhardt, Gustav A. (See Schoenfeldt, H. W., Reinhardt, and McCleary.)
Reinhart, Francis M., Rudolph, Wis. Silo ladder. 1,461,291; July 10.
Reinhold, John J., Marietta, Pa. Stationery. 1,441,601; Jan. 9.
Reinhold, John J., Marietta, Pa. Folding voting booth. 1,449,780; Mar. 27.
Reinhold, John J., Marietta, Pa. Foot lever. 1,452,759; Apr. 24.
Reinhold, John J., Marietta, Pa. Phonograph turntable. 1,455,355; May 15.
Reinhold, John J., Marietta, Pa. Internal-combustion engine. 1,464,831; Aug. 14.
Reinhold, John J., Marietta, Pa. Phonograph record. 1,471,862; Oct. 23.
Reinhold, Otto F., Maplewood, N. J. Deodorizing material. 1,459,036; June 19.
Reinhold, Philip A., Akron, Ohio. Plow. 1,474,291; Nov. 13.

Reinike, Bernard, et al. (See Ikerman, Wayne E., assignor.)
Reinsch, Alfred, Berlin-Marienfelde, assignor to Daimler-Motoren-Gesellschaft, Unterturkheim, Germany. Arrangement of the operating cams of the fuel valves in Diesel motors. 1,466,249; Aug. 28.
Reisenauer, Aloys J., Colton, Wash. Animal poke. 1,457,672; June 5.
Reisig, Frederick, sr., Barnesville, Pa. Roofing material. 1,442,002; Jan. 9.
Reisiger, John J., Covington, Ky. Safety attachment for mouse and rat traps. 1,477,446; Dec. 11.
Reisinger, George, Rochester, N. Y. Hollow milling tool. 1,445,448; Feb. 13.
Reisler, Joseph H., Milwaukee, Wis. Traction device. 1,457,295; June 5.
Reisler, Simon, Indianapolis, Ind., and H. B. Tobias, Philadelphia, Pa. Operating urethroscope. 1,459,313; June 19.
Reiss, Paul, assignor to the Firm Gutschow & Co. G. m. b. H., Danzig, Germany. Tens-carrying device for calculating machines. 1,461,455; July 10.
Reisz, Eugen, Zehlendorf-Mitte, Germany. Receiver. 1,448,676; Mar. 13.
Reisz, Eugen, Berlin-Zehlendorf, Germany. Producing sound waves. 1,445,412; Feb. 13.
Reisz, James D., Rome, Ky. Attachment for tractor plows. 1,443,647; Jan. 30.
Reitan, Edward M., assignor of one-half to J. A. Moren, Webster, Wis. Milk-record-sheet holder. 1,445,912; Feb. 20.
Reiter, Daniel I., New York, N. Y. Key holder. 1,476,642; Dec. 4.
Reiter, Gustaf A., San Diego, Calif. Safety razor. 1,452,002; Apr. 17.
Reiter, John M. (See Kraennig, O. C., and Reiter.)
Reiter, Joseph, New York, N. Y. Swimming appliance. 1,448,460; Mar. 13.
Reiter, Stefan. (See Woelz, R., and Reiter.)
Reith, George C., Philadelphia, Pa., assignor, by mesne assignments, to National Sales Machine Company, Worcester, Mass. Coin vending machine. 1,463,486; July 31.
Reitz, Henry A., Johnstown, Pa. Gas-burner attachment. 1,468,921; Sept. 25.
Reizenstein, Emile, Brookline, Mass. Pressing device. 1,452,095; Apr. 17.
Relay Automatic Telephone Company, The. (See Betulander, G. A., and Palmgren, assignors.)
Reliable Knitting Works. (See Rosenberg, Samuel, assassignor.)
Reliance Company, The. (See Bradley, Harry L., assignor.)
Reliance Company, The. (See Wilms, Gustav O., assignor.)
Reliance Manufacturing Co. (See Bears, Daniel S., assignor.)
Reliance Metal Spinning & Stamping Company. (See Berman, Morris, assignor.)
Reliance Trailer & Truck Co. (See Konetsky, John R., assignor.)
Relihan, William, Brooklyn, assignor to Robert Gair Company, New York, N. Y. Display dispenser. 1,454,860; May 15.
Relkin, Morris, New York, N. Y. Spoon holder or similar article. Des. 63,268; Nov. 13.
Rellstab, Ludwig, Zeist, Netherlands, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Radio pilot-cable system. 1,470,389; Oct. 9.
Rellstab, Ludwig, Berlin-Nikolassee, Germany, assignor to Naamlooze Vennootschap de Nederlandsche Thermo-Telephoon-Maatschappij, Utrecht, Netherlands. Multiple-wire cable for high-frequency telephony and telegraphy. 1,475,878; Nov. 27.
Remacle, Edmond, Newark, N. J. Caster for toys. 1,467,453; Sept. 11.
Remark, Alphonsus R., Akron, Ohio. Projection lamp. 1,464,270; Aug. 7.
Rembold, Victor, Kiel, Germany. Removing the pistons from piston engines. 1,469,267; Oct. 2.
Rembold, Victor, Kiel, Germany. Engine-reversing shaft in explosion motors. 1,469,443; Oct. 2.
Remick, Andrew B. (See Clymer, M. G., and Ritchey, assignors.)
Remillard, Joseph O., assignor of one-third to A. Gorman and one-third to J. A. H. Cameron, Montreal, Quebec, Canada. Nonsplash bottle opener. 1,463,536; July 31.
Remiller Co., The. (See Green, William H., assignor.)
Reming, Richard, assignor to The Norwalk Vault Company, Norwalk, Ohio. Mold for burial vaults. 1,456,911; May 29.
Remington Accounting Machine Corporation. (See Boa, Robert G. C., assignor.)
Remington Accounting Machine Corporation. (See Hart, Frederick A., assignor.)
Remington Accounting Machine Corporation. (See Poole, Arthur F., assignor.)
Remington Accounting Machine Corporation. (See Poole, A. F., and Hart, assignors.)
Remington Accounting Machine Corporation. (See Sieweck, Carl A., assignor.)
Remington Arms Company. (See Pedersen, J. D., and Loomis, assignors.)
Remington Arms Company, Inc. (See Mann, Miles H., assignor.)
Remington, Arthur L., and F. W. Kiessling, assignors to Warp Compressing Machine Company, Worcester, Mass. Attachment for looms. 1,468,576; Sept. 18.
Remington, Joseph P., Philadelphia, Pa. Positioning and feeding mechanism for confection-wrapping machines. 1,465,402; Aug. 21.
Remington, Joseph P., assignor to Maxwell Paint Company, Philadelphia, Pa. Highway-sign paint protector. 1,460,351; June 26.
Remington & Sherman Company. (See Williams, James H., assignor.)
Remington Typewriter Company. (See Barney, Edwin E., assignor.)
Remington Typewriter Company. (See Barr, John H., assignor.)
Remington Typewriter Company. (See Barr, J. H., and Barney, assignors.)
Remington Typewriter Company. (See Barrett, Glenn J., assignor.)
Remington Typewriter Company. (See Bridgwater, Herbert E., assignor.)
Remington Typewriter Company. (See Cook, Harry E., assignor.)
Remington Typewriter Company. (See Hart, Frederick A., assignor.)
Remington Typewriter Company. (See Holden, Joseph B., assignor.)
Remington Typewriter Company. (See McNicol, Donald, assignor.)
Remington Typewriter Company. (See Phelps, Joseph, assignor.)
Remington Typewriter Company. (See Pool, Morris W., assignor.)
Remington Typewriter Company. (See Schmidt, Peter L., assignor.)
Remington Typewriter Company. (See Seib, George A., assignor.)
Remington Typewriter Company. (See Smith, Arthur W., assignor.)
Remington Typewriter Company. (See Smith, Charles E., assignor.)
Remmele, Louis J., assignor to A. M. Maier, Newark, N. J. Machine for filling rotary brooms. 1,468,922; Sept. 25.
Remnsnider, George, Belleville, Ill. Stencil-cutting machine. 1,471,204; Oct. 15.
Rémondy, Léon E., Rueil, France. Fuse for artillery and aviation projectiles. 1,459,075; June 19.
Remsen, William H., assignor of one-half to G. Heinemann, Kansas City, Mo. Truck hoist. 1,446,483; Feb. 27.
Remsen, William H., assignor of one-half to G. Heinemann, Kansas City, Mo. Truck hoist. 1,469,732; Oct. 2.
Remy Electric Company, The. (See Carter, John J., assignor.)
Remy Electric Company. (See Conklin, Oliver F., assignor.)
Remy Electric Company, The. (See Creager, E. F., and Rogers, assignors.)
Remy Electric Company, The. (See Hillmer, Max L., assignor.)
Remy Electric Company, The. (See Rogers, Samuel, assignor.)
Remy Electric Company. (See Toelle, August, assignor.)
Remy, Frank L., Indianapolis, Ind. Locking device for motors. 1,475,447; Nov. 27.
Renard, Hubert, Herstal lez Liege, Belgium. Walking-stick machine gun. 1,474,292; Nov. 13.
Renaud, Edwin C., St. Joseph, Mo. Motometer-locking device. 1,441,115; Jan. 2.
Renault, Gustave A., Paris, France. Catch fastener with locking device for pins, brooches, and the like 1,442,824; Jan. 23.
Renault, Louis. (See Fuchs, Ernest, assignor.)
Renault, Louis. (See Saives, Léon, assignor.)
Rencsok, Dave, Huntington, W. Va. Picture-frame hanger. 1,466,561; Aug. 28.
Rendlich, Daniel I., South St. Paul, Minn. Carcass-cutting device. 1,465,866; Aug. 21.
Reneau, Jesse L., Paris, Tex. Combination self-lubricating and germicidal razor hone. 1,470,762; Oct. 16.
Renfro, Fred M. (See Wood, Ira C., assignor.)
Renholdt, Charles A., Bridgeport, Conn. Combined stopper and strainer. 1,442,361; Jan. 16.
Renick, Thomas M., Morgantown, W. Va. Wrench. 1,462,246; July 17.
Rennekamp, Clarence J. (See Daniel, Lewis, assignor.)
Renner, Frank K., and E. C. Pfaff, Chicago, Ill. Washing machine. 1,457,750; June 5.
Renner, William B., Ridgewood, N. Y. Self-locking frame. 1,476,643; Dec. 4.
Rennerfelt, Ivar, Djursholm, Sweden. Electrically melting metals and in an electric furnace. 1,469,817; Oct. 9.
Rennerfelt, Ture G., Stockholm, Sweden. Roller bearing. 1,462,379; July 17.
Rennie, Arthur L., Jamaica, N. Y. Brake-band lining. 1,450,925; Apr. 10.
Rennie, George J. (See Hawthorne, C. W., and Rennie.)

Renold, Charles G., assignor to Hans Renold Limited, Manchester, England. Stenter chain. 1,478,454; Dec. 25.
Renold, Hans, Limited. (See Renold, Charles G., assignor.)
Renshaw, Alfred. (See Herford, R. O., and Renshaw.)
Renshaw, Arnold. (See Fairbrother, T. H., and Renshaw.)
Renshaw, Charles E., East Orange, N. J. Recording apparatus for valves and the like. 1,456,148; May 22.
Renshaw, Charles E., East Orange, N. J. Recording apparatus for valves and the like. 1,456,149; May 22.
Renshaw, Joseph H., Canton, Ohio. Metallic packing. 1,457,461; June 5.
Renshaw, Oscar J., Langells Valley, Oreg. Rifle turbine. 1,450,753; Apr. 3.
Renstrom, John A., Mora, Minn. Cleaning attachment for Ford lubricating tubes. 1,442,825; Jan. 23.
Renstrom, John A., Mora, Minn. Indicating device for lubricators. 1,442,826; Jan. 23.
Rentchler, Maurice R., Los Angeles, Calif. Flexible screw driver. 1,454,789; May 8.
Rentschler, Harvey C., Wilkinsburg, Pa., assignor to Westinghouse Lamp Company. Vapor arc lamp. 1,451,271; Apr. 10.
Rentschler, Harvey C., Wilkinsburg, Pa., assignor to Westinghouse Lamp Company. Electron-tube apparatus. 1,465,997; Aug. 28.
Rentschler, Harvey C., Wilkinsburg, Pa., assignor, by mesne assignments, to Westinghouse Lamp Company. Detector tube. 1,465,998; Aug. 28.
Rentz, George M., Wells, Minn. Phonograph. 1,456,039; May 22.
Reo Motor Car Company, The. (See Duryea, Charles E., assignor.)
Reoch, George H., assignor to The International Postal Supply Company, Brooklyn, N. Y. Printing die. 1,470,644; Oct. 16.
Réol, Jean, Lyon, France. Press for forming briquettes. 1,454,906; May 15.
Repath, Charles J., Los Angeles, Calif. Flour sifter. 1,453,604; May 1.
Repert, Walter B., Dunkirk, N. Y. Portable chiropractic table. 1,441,170; Jan. 2.
Replogle, John R., assignor to Nizer Laboratories Company, Detroit, Mich. Refrigerating food cabinet. 1,476,546; Dec. 4.
Republic Rubber Company, The. (See Heintz, Samuel, assignor.)
Re Qua, Frederick L., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Distant indicating means. 1,474,944; Nov. 20.
Requa, Richard S., San Diego, Calif. Hollow-tile wall construction. 1,467,117; Sept. 4.
Reschke, William F., Wichita, Kans. Mechanism for fuel-oil generation. 1,466,250; Aug. 28.
Research Club, Inc. (See Turpin, Fay, assignor.)
Research Corporation. (See Bradley, Linn, assignor.)
Research Corporation. (See Dane, Louis, assignor.)
Research Corporation. (See Davis, Harvey N., assignor.)
Research Corporation. (See Dillon, E. P., and Heimrod, assignors.)
Research Corporation. (See Meston, Archibald F., assignor.)
Research Corporation. (See Strong, William W., assignor.)
Research Corporation. (See Wintermute, Harry A., assignor.)
Resek, Marc, Cleveland Heights, assignor to The Cleveland Metal Products Company, Cleveland, Ohio. Bail-attaching means. 1,456,716; May 29.
Resek, Morris C., Cleveland Heights, Ohio. Dispensing device. 1,455,970; May 22.
Resener, Harry E. (See Hofstatter, William J., assignor.)
Resistolite Appliance Co. (See Buresch, Edward G., assignor.)
Resk, Mitchell, New York, N. Y. Automatic puncture-closing device for pneumatic tires. 1,456,075; May 22.
Resk, Michell, New York, N. Y. Automatic life protector for automobiles. 1,459,314; June 19.
Resnick, Heim W. (See Harris, D. L., Coffman, and Resnick.)
Resolute Manufacturing Company. (See McCuen, Charles L., assignor.)
Respess, Heard, assignor, by mesne assignments, to Wurldsbest Rainshield Ventilator Company, Inc., New York, N. Y. Ventilator. 1,449,294; Mar. 20.
Respess, Roland B., New York, N. Y., assignor, by mesne assignments, to Respro Inc., Cranston, R. I. Unwoven string or cord and making the same. 1,449,912; Mar. 27.
Respess, Roland B., New York, N. Y., assignor, by mesne assignments, to Respro Inc., Cranston, R. I. Making artificial leather. Re15,602; May 15.
Respess, Roland B., New York, N. Y., assignor, by mesne assignments, to Respro Inc., Cranston, R. I. Making artificial leather. 1,465,092; Aug. 14.
Respess, Roland B., New York, N. Y., assignor, by mesne assignments, to Respro Inc., Cranston, R. I. Making an unwoven fabric. 1,465,093; Aug. 14.
Respro Inc. (See Respess, Roland B., assignor.)
Réthoré, Nicolas, Neuilly-sur-Seine, France. Toy toboggan railway. 1,443,648; Jan. 30.
Rett, Carl E., Akron, Ohio. Vulcanizing press. 1,456,571; May 29.
Rett, Carl E., Akron, assignor to Lambert Tire & Rubber Co., Barberton, Ohio. Manufacturing tires. 1,463,754; July 31.
Retterath, Valentin, Dresden-Cossebaude, assignor to the Firm: Deutsche Werke Aktiengesellschaft, Berlin, Germany. Link. 1,452,817; Apr. 24.
Rettinger, William N., Bourbon, Ind. Washing machine. 1,468,399; Sept. 18.
Rettinger, William N., Bourbon, Ind. Gear-shifting device. 1,468,400; Sept. 18.
Rettinger, William N., Bourbon, Ind. Wringer-operating mechanism. 1,477,150; Dec. 11.
Retz, Henry, et al. (See Misner, Edgar D., assignor.)
Retzbach, Edward J., St. Louis, Mo., assignor to Mojonnier Bros. Co., Chicago, Ill. Ice-cream-bricking machine. 1,453,407; May 1.
Retzer, Albert, Milwaukee, Wis. Egg carton. 1,454,252; May 8.
Reusch, Walter, assignor to Electric Sealing Machine Corporation, New York, N. Y. Electric sealing device. 1,463,336; July 31.
Reuschlein, Charles F., Huntington, W. Va. Directory or index board. 1,447,889; Mar. 6.
Reuse, Charles, Brussels, Belgium. Elastic wheel. 1,457,396; June 5.
Reusser, Christian, Gut Börnicke, near Bernau, Germany. Animal trap. 1,443,929; Jan. 30.
Reuter, John A., assignor to The National Fruit Cleaner Company, The Dalles, Oreg. Fruit cleaner. 1,464,775; Aug. 14.
Reutter, Philip A., assignor to Scovill Manufacturing Company, Waterbury, Conn. Vanity box. Des. 62,962; Aug. 28.
Revega, Efrem, Detroit, Mich. Railway speed-indicating device. 1,440,798; Jan. 2.
Revere Rubber Company. (See Albright, Chester E., assignor.)
Reveson, John H., Terre Haute, Ind. Safety attachment for burners. 1,445,714; Feb. 20.
Revolvator Company. (See Green, H., and Lyman, assignors.)
Revor, Leo A., Lyon Mountain, N. Y. Drilling machine. 1,456,406; May 22.
Rewald, Bruno, Hamburg, Germany, assignor, by mesne assignments, to The Chemical Foundation, Inc. Manufacture of meat-extractlike preparations. 1,448,281; Mar. 13.
Rex, Edson B., Bucyrus, Ohio. Scaffolding bracket. 1,476,644; Dec. 4.
Rex Loading and Engineering Company. (See Hoar, Samuel, assignor.)
Rex Metal Products Co. (See Smythe, Richard M., assignor.)
Rex Products Company, The. (See Schowe, H. G., and Hansen, assignors.)
Rex Steel Stamping Company. (See Reece, Juan H., assignor.)
Rexford, Benjamin A., Alton, Ill. Traffic signal. 1,457,269; May 29.
Rey, Henri D., Avarua, Rarotonga, Cook Islands. Vehicle wheel. 1,443,717; Jan. 30.
Reyburn, John R., Fairfield, Conn., assignor to American Chain Company, Inc. Tread section for antiskid devices for vehicle wheels. 1,461,327; July 10.
Reyes, Lorenzo, Bakersfield, Calif. Trap. 1,448,002; Mar. 13.
Reynier, Karl H. (See Balcerwicz, Julius G., assignor.)
Reynolds, Alonzo G., Oakland, Calif. Concrete wall. 1,461,369; July 10.
Reynolds, Arthur W., Newtown, Conn. Cultivator. 1,463,138; July 24.
Reynolds, Arthur W., assignor of one half to E. Benedict, Newtown, Conn. Power lift for tractor plows. 1,450,754. Apr. 3.
Reynolds, Bert, Hamilton, Ohio. Method of and means for agitating water in ice-making apparatus. 1,476,220; Dec. 4.
Reynolds, Bismarck, Kansas City, Mo. Window lock. 1,471,206; Oct. 16.
Reynolds, Burl A., Topeka, Kans. Oil burner. 1,449,057; Mar. 20.
Reynolds, Clarence N., jr., Providence, R. I. Slide rule. 1,461,677; July 10.
Reynolds, De Elbert A. (See Reynolds, Egbert A., and D. A.)
Reynolds, Egbert A., Yonkers, N. Y., and D. A. Reynolds, West Hoboken, N. J., assignors, by mesne assignments, to Audiphone Company of America, New York, N. Y. Sound-reproducing instrument. 1,463,372; July 31.
Reynolds, Ernest M., Cleveland, Ohio. Coupler for radio-reception. 1,478,579; Dec. 25.
Reynolds, Frank A. (See Welch, T. F., and Reynolds.)
Reynolds, Frank W., New Washington, Ohio. Cabinet. Des. 62,744; July 24.
Reynolds, Fred N., et al. (See Barton, Charles N., assignor.)

Reynolds, Frederick, Walkerville-on-Tyne, assignor of one-half to The Silica Syndicate Limited, Westminster, London, England. Thermionic valve. 1,474,293; Nov. 13.

Reynolds, Gratton S., Tarentum, Pa. Power-transmitting mechanism. 1,476,766; Dec. 11.

Reynolds, Harry R., assignor to The Fafnir Bearing Company, New Britain, Conn. Ball-bearing end closure. 1,449,190; Mar. 20.

Reynolds, Harry R., assignor to The Fafnir Bearing Company, New Britain, Conn. Apparatus for lubricating ball bearings. 1,467,686; Sept. 11.

Reynolds, James L. (See Campbell, J. R., and Reynolds.)

Reynolds, John N., Greenwich, Conn., assignor to Western Electric Company, Incorporated, New York, N. Y. Line switch. Re15,644; July 10.

Reynolds, John N., Greenwich, Conn., assignor to Western Electric Company, Incorporated, New York, N. Y. Crossbar line switch. 1,462,047; July 17.

Reynolds, Joseph S., Santa Barbara, Calif. Automatic road and surface scraper. Re15,704; Oct. 23.

Reynolds, Joseph S., Carpinteria, Calif. Earthworking machine. 1,475,879; Nov. 27.

Reynolds, Joy S., San Francisco, Calif., assignor to Reynolds Torch and Regulator Co., Seattle, Wash. Pressure-regulating valve. 1,457,937; June 5.

Reynolds, Joy S., assignor of one-half to C. A. Balcom, San Francisco, Calif. Automatic cut-out. 1,461,456; July 10.

Reynolds, Joy S., assignor of one-half to C. A. Balcom, San Francisco, Calif. Take-up for levers. 1,467,012; Sept. 4.

Reynolds, Joy S., assignor of one-half to C. A. Balcom, San Francisco, Calif. Pressure regulator. 1,474,164; Nov. 13.

Reynolds, Leo F., and J. S. Stewart, Evanston, Wyo. Spark plug. 1,476,350; Dec. 4.

Reynolds, May E., et al. (See Barton, Charles N., assignor.)

Reynolds, Orland C. (See Padden, P. W., and Reynolds.)

Reynolds, R. J., Tobacco Company. (See Strickland, Charles V., assignor.)

Reynolds, R. J., Tobacco Company. (See Tzibides, James N., assignor.)

Reynolds, Ralph K., assignor to Mallory Hat Company, Danbury, Conn. Hat marking. 1,477,282; Dec. 11.

Reynolds, Ralph V., Chicago, Ill. Stone-finished clapboard. 1,473,253; Nov. 6.

Reynolds, Reginald, assignor of one-half to The Aeolian Company Limited, Barnes, London, England. Musical instrument operated by air under control of perforated tune sheets. 1,440,746; Jan. 2.

Reynolds, Richard S., Louisville, Ky. Receptacle. 1,466,962; Sept. 4.

Reynolds, Richard S., Louisville, Ky. Collapsible metal box. 1,474,088; Nov. 13.

Reynolds, Robert V. R., Washington, D. C. Gauge. 1,474,209; Nov. 13.

Reynolds, Rohde, Houston, Tex. Indicator. 1,455,936; May 22.

Reynolds, Rohde, Houston, Tex. Auxiliary valve for inflating valve tubes. 1,458,438; June 12.

Reynolds, Roy, Cincinnati, Ohio. Brake-band lining. 1,466,189; Aug. 28.

Reynolds, S. H., Sons Co. (See Keith, Frederick W., assignor.)

Reynolds & Schuster. (See Reynolds, Willan B., assignor.)

Reynolds Spring Company. (See Palmer, Harry A., assignor.)

Reynolds Spring Company. (See Van Hove, Desire H., assignor.)

Reynolds Torch and Regulator Co. (See Reynolds, Joy S., assignor.)

Reynolds, Walter S. (See Jones, J. W., and Reynolds.)

Reynolds, William F. R. (See Chapman, J., and Reynolds.)

Reynolds, Willan B., Roundup, Mont., assignor to Reynolds & Schuster, Joliet, Ill. Antifriction bearing. 1,442,907; Jan. 23.

Rhamstine, John T., Detroit, Mich. Rheostat. 1,449,249; Mar. 20.

Rheden, Cuno, Chicago, Ill. Airplane. 1,440,413; Jan. 2.

Rhein, Lloyd R., assignor to C. R. Wilson Body Company, Detroit, Mich. Vehicle door lock. 1,451,785; Apr. 17.

Rheiner Maschinenfabrik Windhoff Aktien-Gesellschaft. (See Schütte, Hans, assignor.)

Rheinische Metallwaaren- und Maschinenfabrik. (See Romberg, Heinrich, assignor.)

Rheinische Metallwaaren- und Maschinenfabrik. (See Schweitzer, Heinrich, assignor.)

Rheostatic Company Limited, The. (See Satchwell, Leonard, assignor.)

Rhinehart, Edward L., Roanoke, Va. Choke for shotguns. 1,455,661; May 15.

Rhoades, Allen J., Webster City, Iowa. Radiator ornament. Des. 62,018; Feb. 27.

Rhoades, Alonzo E., assignor to Draper Corporation, Hopedale, Mass. Filling, clamping, and parting means for looms. 1,449,550; Mar. 27.

Rhoades, Alonzo E., assignor to Draper Corporation, Hopedale, Mass. Winding machine. 1,450,228; Apr. 3.

Rhoades, Alonzo E., assignor to Draper Corporation, Hopedale, Mass. Cushion stop for picker sticks. 1,451,845; Apr. 17.

Rhoades, Alonzo E., assignor to Draper Corporation, Hopedale, Mass. Filling-carrier support for looms. 1,452,655; Apr. 24.

Rhoades, Alonzo E., assignor to Draper Corporation, Hopedale, Mass. Warp stop motion for looms. 1,464,485; Aug. 7.

Rhoades, Alonzo E., assignor to Draper Corporation, Hopedale, Mass. Spooler. 1,477,525; Dec. 11.

Rhoades, Lewis T., Mont Clare, Pa., assignor to New York Coil Company, New York, N. Y. Automobile steering-wheel lock. 1,473,873; Nov. 13.

Rhoads, Edgar G. (See Hudson, F. S., and Rhoads.)

Rhoads, Harry E. (See Belden, E. H., and Rhoads.)

Rhoads, Harry E., assignor to The Willys-Overland Company, Toledo, Ohio. Means for preventing the escape of lubricant from casings. 1,446,068; Feb. 20.

Rhoads, Thomas H., assignor to Proctor & Schwartz, Inc., Philadelphia, Pa. Truck for drying pottery, etc. 1,472,676; Oct. 30.

Rhobecker, Henry, Columbus, Ohio. Car door. 1,461,678; July 10.

Rhoden, John W., Hosford, Fla. Entry recorder. 1,474,789; Nov. 20.

Rhoderick, George C. (See Pelton, C. H., and Rhoderick.)

Rhodes, Edward E. (See Blustein, H., and Rhodes.)

Rhodes, Fernand J., Paris, France. Means for devising ornamental designs. 1,453,728; May 1.

Rhodes, Frederick L., Short Hills, N. J., assignor to American Telephone and Telegraph Company. Means for supporting aerial cables. 1,477,596; Dec. 18.

Rhodes, Granville O., Huntington, W. Va. Barrel truck and rack. 1,478,913; Dec. 25.

Rhodes, James H., & Company. (See Roth, Arthur J., assignor.

Rhodes, Jay B., Kalamazoo, Mich., assignor to Western Wheeled Scraper Company, Aurora, Ill. Valve mechanism for dump cars. 1,466,342; Aug. 28.

Rhodes, John E., Teaneck, N. J. Clasp. 1,447,325; Mar. 6.

Rhodes, Lee A., Humble, Tex. Bailer. 1,455,937; May 22.

Rhodes, Leigh R., Cleveland, Ohio. Pneumatic earth scraper. 1,459,748; June 26.

Rhodes, Leverett E., Hartford, Conn. Vertical-shaper attachment. 1,466,062; Aug. 28.

Rhodes, Marcus H., St. Louis, Mo. Razor-stropping device. 1,468,923; Sept. 25.

Rhodes, Robert W., Greensburg, Pa. Woodworking tool. 1,447,039; Feb. 27.

Rhodes, Russell I., and P. T. Simmons, North Attleboro, Mass. Hinge construction. 1,477,717; Dec. 18.

Rhodes, Walton J., Los Angeles, Calif. Auxiliary brake system. 1,477,004; Dec. 11.

Rhodes, William A., New York, N. Y., assignor to American Telephone and Telegraph Company. Telephone signaling system. 1,450,305; Apr. 3.

Rhodes, William J., and K. Wollams, Worthington, Ind. Wrench. 1,468,834; Sept. 25.

Rhyne, Robert B., Cape Girardeau, Mo. Spoon. 1,474,443; Nov. 20.

Rianda, Stephen, Watsonville, Calif. Sanitary cuspidor. 1,477,005; Dec. 11.

Rianda, Thomas A., Gonzales, Calif. Combined tire carrier and cover. 1,460,274; June 26.

Ribak, Charles F., San Francisco, Calif. Cushion tire. 1,450,818; Apr. 3.

Ribaric, Anthony, St. Michael, Pa. Safety appliance for bank tellers. 1,466,513; Aug. 28.

Ribaysen, Jacob, Chicago, Ill. Top piece for lighting fixtures. Des. 63,269; Nov. 13.

Riblett, Victor T., Shinnston, W. Va. Flue tool. 1,471,062; Oct. 16.

Ribley, Frank C., North Troy, N. Y. Toilet ventilator. 1,449,250; Mar. 20.

Ricardo, Harry R., London, England. Fuel-admission device for internal-combustion engines. 1,469,956; Oct. 9.

Ricardo, Harry R., London, England, assignor to Waukesha Motor Company, Waukesha, Wis. Internal-combustion engine. 1,474,003; Nov. 13.

Ricca, Antonino, New York, N. Y. Combination individual-valve-unit pneumatic. 1,446,273; Feb. 20.

Riccioli, Frank, Washington, D. C. Means for attaching heels to shoe bottoms. 1,478,144; Dec. 18.

Rice & Adams Corporation. (See Wolf, Frank F., assignor.)

Rice, Barton & Fales Machine & Iron Co. (See Vedder, J. W., and Lodding, assignors.)

Rice, Charles E., Livermore, Ky. Water-supply device for locomotive tenders. 1,457,715; June 5.

Rice, Chester W., Schenectady, N. Y., assignor to General Electric Company. Amplifying system. 1,477,898; Dec. 18.

Rice, Chester W., Schenectady, N. Y., assignor to General Electric Company. High-frequency signaling system. 1,477,899; Dec. 18.

Rice, Edwin W., jr., Schenectady, N. Y., assignor to General Electric Company. Control system for aeroplane superchargers. 1,476,418; Dec. 4.

Rice, Frank E., assignor to American Tap Bush Company, Detroit, Mich. Portable beverage-dispensing apparatus. 1,441,171; Jan. 2.
Rice Gas Engine Company. (See Rice, John V., jr., assignor.)
Rice, Grover C. (See Rice, N. A., Thompson, and Rice.)
Rice Import Company Inc. (See Rothschild, Marcus, assignor.)
Rice, Jason H., Butte, Mont. Piston-ring expander. 1,448,461; Mar. 13.
Rice, Joel A. (See Rice, Joel T., R. A., and J. A.)
Rice, Joel T., R. A., and J. A., New York, N. Y. Anti-friction roller bearing. 1,458,150; June 12.
Rice, John A., San Francisco, Calif. Method and apparatus for separating materials. 1,456,934; May 29.
Rice, John E. (See Rice, N. A., Thompson, and Rice.)
Rice, John V., jr., assignor to Rice Gas Engine Company, Bordentown, N. J. Vacuum igniter. 1,449,191; Mar. 20.
Rice, John V., jr., assignor to Rice Gas Engine Company, Bordentown, N. J. Automatic lubricating device for remote movable and other parts. 1,456,009; May 22.
Rice, John V., jr., assignor to Rice Gas Engine Company, Bordentown, N. J. Internal-combustion engine. 1,463,973; Aug. 7.
Rice, Linden H., Cincinnati, Ohio. Shock absorber. 1,460,443; July 3.
Rice, Louis W., New York, N. Y. Bowl or the like. Des. 62,175; Apr. 3.
Rice, Melvin A. (See Hudson, Alexander M., assignor.)
Rice, Noble A., Lodi, Ohio, G. W. Thompson, Syracuse, N. Y., G. C. Rice and J. E. Rice, Lodi, Ohio. Collapsible or foldable seat. 1,475,512; Nov. 27.
Rice, Orin A., Weyauwega, Wis. Grease carton. 1,474,118; Nov. 13.
Rice, Percy F., Tustin, Calif. Gear-shift lever. 1,461,457; July 10.
Rice, Ray A., Columbus, Ohio. Combination inhaler. 1,465,316; Aug. 21.
Rice, Robert L., sr., and W. M. Jordan, jr., Hovey, Miss. Headlight. 1,448,867; Mar. 20.
Rice, Royal A. (See Rice, Joel T., R. A., and J. A.)
Rich, Charles H., Woolrich, Pa. Fire-fighting tool. 1,469,957; Oct. 9.
Rich, Curtis W. (See Giuffre, J., and Rich.)
Rich, Edward P., Chicago, Ill. System of temperature control. 1,441,449; Jan. 9.
Rich, Frank J., administrator of C. P. Thomas, deceased. (See Arian, Edward D.)
Rich, Frank J., et al. (See Arian, Edward D., assignor.)
Rich, George R., Los Angeles, Calif. Poppet valve for internal-combustion engines. 1,441,450; Jan. 9.
Rich, George R., Los Angeles, Calif. Poppet valve for internal-combustion engines. 1,444,210; Feb. 6.
Rich, George R., Battle Creek, Mich. Valve tappet for internal-combustion engine. 1,449,193; Mar. 20.
Rich, George R., Los Angeles, Calif. Valve tappet for internal-combustion engines. 1,461,560; July 10.
Rich, George R., Los Angeles, Calif. Connecting means between motor pistons and connecting rods. 1,466,756; Sept. 4.
Rich, Malcolm N., Cleveland, Ohio. Recovering zirconium oxide. 1,460,766; July 3.
Rich Tool Company. (See Jardine, Robert, assignor.)
Richard, Joseph O., assignor to Hayes Manufacturing Company, Detroit, Mich. Curling machine. 1,457,549; June 5.
Richard, Joseph O., assignor to Hayes Manufacturing Company, Detroit, Mich. Jig for marking and drilling fenders. 1,469,395; Oct. 2.
Richard, Joseph O., and A. W. Dickerson, assignors to Hayes Manufacturing Company, Detroit, Mich. Metal cab. 1,441,299; Jan. 9.
Richard, Roland R., Kynuna, North Queensland, Australia. Windmill. 1,449,192; Mar. 20.
Richards, Alexander J., assignor of one-half to W. H. Greunke, Chicago, Ill. Individual pie container. 1,470,763; Oct. 16.
Richards, Alfred E. (See Ricks, F., and Richards.)
Richards, Analdo H., et al. (See Nicholson, Frank, assignor.)
Richards, Arthur F. W. (See Beaver, C. J., Richards, and Claremont.)
Richards, Barnett. (See Darnley, Percy H., assignor.)
Richards, Carroll H., Newton, Mass. Universal joint. 1,443,930; Jan. 30.
Richards, Charles F. (See Taylor, W. L., and Richards.)
Richards, Daniel W., Roanoke, Va. Circuit controller. 1,464,626; Aug. 14.
Richards, Edgar D., Monroe, La. Eccentric. 1,477,521; Dec. 11.
Richards, Eric H., and H. B. Hutchinson, Harpenden, England. Manufacture of nitrogenous fertilizers and the utilization of nitrogen-bearing solutions. 1,471,979; Oct. 23.
Richards, Ernst R., Chicago, Ill. Inserting machine. 1,449,697; Mar. 27.
Richards, Forest A., and C. M. Shogren, Eau Claire, Wis., assignors to Gillette Rubber Co. Collapsible tire core. 1,440,495; Jan. 2.
Richards, George, London, England. Milling screw threads. 1,456,280; May 22.
Richards, George A., jr., Providence, R. I. Toll collecting mechanism. 1,469,535; Oct. 2.
Richards, Gwynne, New York, N. Y. Food product and making the same. 1,476,182; Dec. 4.
Richards, Harvey W., assignor to Score Mining Company, Portland, Oreg. Amalgamator support. 1,457,635; June 5.
Richards, Henry J., Columbus, Ohio. Spoon holder. 1,474,733; Nov. 20.
Richards, James N., W. H. Westman, and A. D. Westman, Chatham, Ontario, Canada. Mounting steering wheel. 1,463,487; July 31.
Richards, Jesse D., La Fontaine, assignor of one-third to J. D. Gillenwater, Wabash, and one-third to C. Gable, Peru, Ind. Self-cleaning rake. 1,422,984; Apr. 24.
Richards, Jesse T., Warrington, Fla. Traction appliance. 1,447,040; Feb. 27.
Richards, John H., Naper, Nebr. Power-transmitting apparatus. 1,444,273; Feb. 6.
Richards, John I. (See Martin, R., and Richards.)
Richards, John W., Coseley, near Bilston, assignor to A. Harper Sons and Bean Limited, Dudley, Worcestershire, England. Sand or like mixing machine. 1,461,936; July 17.
Richards, Julius H., Springfield, Mass., assignor to Eclipse Machine Company, Elmira Heights, N. Y. Engine starter. 1,440,697; Jan. 2.
Richards, Rupert P., assignor to The Vulcan Foundry Limited, Newton-le-Willows, Lancaster, England. Riveting machine. 1,472,938; Nov. 6.
Richards, Samuel, assignor of one-half to P. M. Paulson, Logan, Utah. Panoramic camera. 1,449,295; Mar. 20.
Richards, Thomas, sr., Portage, Pa. Railway mine tie and rail fastener. 1,461,069; July 10.
Richards, Thomas E., assignor of one-third to S. Silverman and one-third to H. R. Rosen, Providence, R. I. Windshield cleaner. 1,448,003; Mar. 13.
Richards, Thomas T., et al. (See Hachmann, Frederick, assignor.)
Richards, Tregarthen D., Marrickville, near Sydney, New South Wales, Australia. Apparatus for cleaning and clarifying used lubricating oil. 1,462,048; July 17.
Richards, Wilbert M., Chicago, Ill. Roller-curtain guiding and locking device. 1,473,517; Nov. 6.
Richards-Wilcox Manufacturing Company. (See Hoffman, Peter L., assignor.)
Richards-Wilcox Manufacturing Company. (See Phillips, Ellis J. G., assignor.)
Richardson, A. D., et al. (See Busby, Robert S., assignor.)
Richardson, Bayard E., assignor to Mechano Gear Shift Co., Grand Rapids, Mich. Transmission gear and clutch mechanism. 1,443,591; Jan. 30.
Richardson, Bayard E., assignor to Mechano Gear Shift Company, Grand Rapids, Mich. Transmission gearing. 1,478,529; Dec. 25.
Richardson, Charles E., Newark, N. J., assignor to International Coal Products Corporation, Richmond, Va. Furnace retort. 1,454,338; May 8.
Richardson, Charles F., Woonsocket, assignor to Karpeles Company, Providence, R. I. Sorting machine. 1,460,176; June 26.
Richardson Company, The. (See Maynard, Joseph S., assignor.)
Richardson, De Soto E., Riverside, Wash. Fruit-picking device. 1,442,827; Jan. 23.
Richardson, De Soto E., Riverside, Wash. Implement support and carriage. 1,452,003; Apr. 17.
Richardson, Earl H., Ontario, Calif., assignor, by mesne assignments, to Majestic Electric Development Company. Electric heater. 1,462,380; July 17.
Richardson, Ernest L., Lynn, Mass., assignor to General Electric Company. Heating system. 1,465,095; Aug. 14.
Richardson, George R., Greene, N. Dak. Transmission attachment. 1,458,003; June 5.
Richardson, George R., Greene, N. Dak. Vehicle spring. 1,474,688; Nov. 20.
Richardson, George W., assignor to L. W. Pease, Chicago, Ill. Screen for X-ray photography. 1,447,430; Mar. 6.
Richardson, Hamitage L., Sebringville, Ontario, Canada. Tatting shuttle. 1,453,639; May 1.
Richardson, Harry H., assignor to The Union Drawn Steel Company Limited, Hamilton, Ontario, Canada. Grinding machine. 1,475,085; Nov. 20.
Richardson, Henry, Passaic, N. J. Car unloader. 1,457,186; May 29.
Richardson, Henry A., Colorado Springs, Colo. Power-transmission appliance. 1,462,658; July 24.
Richardson, Holden C., and H. F. Vaché, Philadelphia, Pa. Closure. 1,473,408; Nov. 6.
Richardson, James E., and W. B. Thurman, assignors to California Cedar Products Company, Stockton, Calif. Matting. 1,465,784; Aug. 21.
Richardson, James M., Highland Park, Mich., assignor to Tulite Auto Bulb Company, New York, N. Y. Headlight. 1,460,511; July 3.
Richardson, Jefferson G., et al. (See Wolfe, Clinton M., assignor.)
Richardson, Joseph, assignor to F. Ladue, Bristol, Vt. Machine for truing crusher rolls. 1,464,046; Aug. 7.

Alphabetical list of patentees—Continued.

Richardson, Lawrence G., West Bridgeford, near Nottingham, England, assignor to American Cellulose and Chemical Manufacturing Company Limited, New York, N. Y. Treatment of products made with cellulose derivaties. 1,442,631; Jan. 16.
Richardson, Orlo D., Chicago, Ill. Composite sheet material. 1,459,259; June 19.
Richardson-Phenix Co., The. (See Peterson, J. W., and Swanberg, assignors.)
Richardson, Robert. (See McKenzie, W. S., and Richardson.)
Richardson, Rodney G., assignor to Automatic Electric Company, Chicago, Ill. Automatic telephone system. 1,469,807; Oct. 9.
Richardson, Rodney G., assignor to Automatic Electric Company, Chicago, Ill. Automatic telephone system. 1,474,608; Nov. 20.
Richardson Scale Company. (See Hilton, Thomas P., assignor.)
Richardson, Sidney, Hatton Garden, London, England. Machinery for beveling the edges of glass lenses and the like. 1,457,855; June 5.
Richardson, Thomas B., Piedmont, Okla. Stitching forceps. 1,464,832; Aug. 14.
Richardson, Tilda B., Spokane, Wash. Cord holder for vacuum cleaners. 1,456,935; May 29.
Richardson, Ulysses M., assignor of one-half to J. B. Crowley, Chicago, Ill. Tooth and preparing the same. 1,472,677; Oct. 30.
Richardson, Ulysses M., assignor of one-half to J. B. Crowley, Chicago, Ill. Tooth construction. 1,472,678; Oct. 30.
Richardson, Wilber D., Rosedale, Kans., assignor of one-half to R. Bryant, Kansas City, Mo. Steering mechanism stabilizing device. 1,452,656; Apr. 24.
Richardson, Wilbur S., assignor to Emerson Pump and Valve Company, Alexandria, Va. Steam vacuum pump. 1,449,955; Mar. 27.
Richardson, Willard C., Saugus, Mass. Shoe form. 1,474,444; Nov. 20.
Richardson, William, San Francisco, Calif. Horizontally-moving window for automobiles. 1,453,520; May 1.
Richardson, William D., assignor to Swift & Company, Chicago, Ill. Reactivating spent catalyzers. 1,447,689;
Richardson, William W., London, England. Mineral classifying and concentrating apparatus. 1,450,515; Apr. 3.
Richert, Frank H. (See Brandel, F. J., and Richert.)
Riches, Frederick P. (See Bélanger, A., and Riches.)
Richey, James I., Cincinnati, Ohio. Means for lubricating leaf springs. 1,456,463; May 22.
Richey, James I., Cincinnati, Ohio. Preheater. 1,456,572; May 29.
Richey, William C., Denver, Colo. Car-retarding brake mechanism for coal or ore car tipples. 1,446,584; Feb. 27.
Richey, William C., Denver, Colo. Railway-car-handling mechanism. 1,478,676; Dec. 25.
Richheimer, Isaac D., New York, N. Y. Coffee infuser. 1,456,010; May 22.
Richholt Bros. (See Packard, Almenzer, assignor.)
Richman, Charles J., et al. (See Green, Charles, assignor.)
Richman, Charles S., and E. O. Fechner, San Francisco, Calif. Turbine-flue cleaner. 1,470,219; Oct. 9.
Richman, Evert F., et al. (See Green, Charles, assignor.)
Richman, Wallace C., Butte, Mont. Making concrete building boards or slabs. 1,463,841; Aug. 7.
Richman, Wallace C., East Cleveland, Ohio. Concrete building. 1,477,665; Dec. 18.
Richman, Walter H., Philadelphia, Pa. Making metallic cans and articles produced. 1,472,616; Oct. 30.
Richman, Walter H., Philadelphia, Pa. Making sheet-metal containers. 1,478,060; Dec. 18.
Richmond, Carl A., New York, N. Y., assignor to The General Railway Signal Company. Speed-control apparatus for railway cars. 1,469,268; Oct. 2.
Richmond, Everett B., assignor of one-half to P. J. Williams, Hartford, Conn. Headlight. 1,443,041; Jan. 23.
Richmond, Francis P. (See Richmond, William A., and F. P.)
Richmond, Harold A., and R. Macdonald, jr., assignors to General Abrasive Company, Inc., Niagara Falls, N. Y. Homogeneous crystalline product and making the same. 1,442,773; Jan. 16.
Richmond, Harold A., and R. Macdonald, jr., assignors to General Abrasive Company, Inc., Niagara Falls, N. Y. Aluminous abrasive and making the same. 1,467,590; Sept. 11.
Richmond Lace Works. (See Radford, George, assignor.)
Richmond Lace Works. (See Seel, Hans, assignor.)
Richmond Lace Works. (See Smedley, Thomas H., assignor.)
Richmond Pressed Metal Works, Inc. (See House, Thomas M., assignor.)
Richmond, Walter, Glenellyn, Ill. Sanitary nursing bottle. 1,466,190; Aug. 28.
Richmond, Walter, assignor to The Goodwill Electric Company, Chicago, Ill. Heating pad. 1,446,991; Feb. 27.
Richmond, Walter, assignor to The Goodwill Electric Company, Chicago, Ill. Heating pad. 1,447,181; Mar. 6.
Richmond, Walter, and J. E. Jenkins, Chicago, Ill. Fluid-control device. 1,443,592; Jan. 30.
Richmond, William A. and F. P., assignors to F. A. Brown, San Francisco, Calif. Combined exhibiting and vending device. 1,475,141; Nov. 20.
Richter, Alexander, Holyrood, Kans. Well-casing pipe. 1,465,484; Aug. 21.
Richter, Charles, New York, N. Y. Chandelier bracket. Des. 63,149; Oct. 16.
Richter, Charles, New York, N. Y. Chandelier bracket. Des. 63,150; Oct. 16.
Richter, Edmund. (See Eisselt, Ferdinand E. G., assignor.)
Richter, Emanual, Chicago, Ill., assignor to The Elliott-Fisher Company, New York, N. Y. Calculating machine. 1,450,516; Apr. 3.
Richter, Georg W., Crimmitschau, Germany. Machine for working skins, hides, and leather. 1,462,180; July 17.
Richter, George A., assignor to Brown Company, Berlin, N. H. Producing catalytic material. 1,451,113; Apr. 10.
Richter, George A., assignor to Brown Company, Berlin, N. H. Treating cellulose pulp to remove odors therefrom. 1,454,339; May 8.
Richter, George A., assignor to Brown Company, Berlin, N. H. Making bisulphite cooking liquor. 1,458,309; June 12.
Richter, George A., assignor to Brown Company, Berlin, N. H. Making sulphite liquor. 1,458,310; June 12.
Richter, George A., assignor to Brown Company, Berlin, N. H. Apparatus for and method of recovering waste gases. 1,469,958; Oct. 9.
Richter, George A., and G. E. Wightman, assignors to Brown Company, Berlin, N. H. Cooling and absorbing system for sulphur dioxide. 1,469,959; Oct. 9.
Richter, George A., and D. H. McMurtrie, assignors to Brown Company, Berlin, N H. Treating black liquor produced in the manufacture of sulfate pulp. 1,469,960; Oct. 9.
Richter, Herman F., Los Angeles, Calif. Pressure-controlling device. 1,454,409; May 8.
Richter, Joseph F., Hardin, Mont. Tire stitcher. 1,465,177; Aug. 14.
Richter, Paul, Daly City, Calif. Typewriter. 1,456,741; May 29.
Richter, Paul C., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Door closer and check. 1,447,630; Mar. 6.
Rick, August, St. Louis, Mo. Automobile traffic signal. 1,462,659; July 24.
Rick, Paul E., et al. (See Duffy, Harry E., assignor.)
Rickart, John, Palmyra, Mo. Clasp for removing disk clutches on automobiles. 1,468,976; Sept. 25.
Ricke, George H., assignor to A. McNeill, Cincinnati, Ohio. Wheel. 1,448,152; Mar. 13.
Rickenbach, Harry C., assignor to Jas. H. Matthews & Co., Pittsburgh, Pa. Machinery for making dies. 1,455,266; May 15.
Rickenbacker, Adolph, and W. Kammerer, Los Angeles, Calif. Coupling. 1,455,971; May 22.
Ricker, Chester S., Indianapolis, Ind. Mounting for automotive engines and transmission. 1,442,235; Jan. 16.
Ricker, Chester S., Indianapolis, Ind. Headlight photometer. 1,456,150; May 22.
Ricker, Floyd H., Los Angeles, Calif. Brake for self-propelling vehicles. 1,470,192; Oct. 9.
Rickerman, W. J. (See Coffman, Thomas M., assignor.)
Rickert, Fred D., Reading, Pa. Sock. Des. 62,264; Apr. 24.
Rickert-Shafer Company. (See Boehm, Rudolph A., assignor.)
Rickets, William J., London, England. Controlling and regulating system for dynamos. 1,475,880; Nov. 27.
Ricketts, Walter G., Tulsa, Okla., assignor of one-fourth to C. E. Hopkins, Okmulgee, one-fourth to A. L. Forquer, and one-fourth to G. H. Myers, Tusla, Okla. Flow barrel. 1,441,945; Jan. 9.
Ricks, Alva M., Los Angeles, Calif. Beet-topping machine. 1,445,449; Feb. 13.
Ricks, Fred, and A. E. Richards, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Skiving machine. 1,469,850; Oct. 9.
Ricksecker, Frederick K., Washington, D. C. Combined match and cigarette case. 1,451,433; Apr. 10.
Riddel, Sherrod, Springfield, assignor of one-fourth to W. W. Albright, one-fourth to W. Lahners, Decatur, and one-fourth to J. J. Graham, Springfield, Ill. Automatic switch stand. 1,461,937; July 17.
Riddell, John T., Evanston, Ill. Athletic shoe. 1,462,625; July 24.
Riddell, Stuart F. J., Ravenscourt Park, and E. Forster, Richmond, England. Advertising sign and the like. 1,454,691; May 8.
Ridder, Henry. (See Ellis, Charles E., assignor.)
Riddle, Edward N., Co., The. (See Crowell, Frank S., assignor.)
Riddle, George W., Chicago, Ill. Composite structure. 1,453,996; May 1.
Riddle, George W., Chicago, Ill. Composite structure. 1,475,409; Nov. 27.
Riddle, John W. (See Nelems, Charles W., assignor.)
Riddle, Maxwell F., Ravenna, Ohio. Nut-cracking machine. 1,455,449; May 15.
Riddle, Napoleon B., St. Francisville, La. Sanitary individual saliva ejector. 1,471,207; Oct. 16.

Rideout, Arthur E. (See Kimball, W. D., and Rideout.)
Rider, Roy R., St. Louis, Mo. Catamenial bandage. 1,450,755; Apr. 3.
Ridge, Leonard C., Toronto, Ontario, Canada. Filing apparatus. 1,468,213; Sept. 18.
Ridge, William F., Akron, Ohio. Cover for steering wheels. 1,446,628; Feb. 27.
Ridge, William F., Akron, Ohio. Steering-wheel cover. 1,453,181; Apr. 24.
Ridgely, Holland P., assignor to The Cutler Electrical and Manufacturing Company, Philadelphia, Pa. Safety switch. 1,466,481; Aug. 28.
Ridgway, Edward J., Staten Island, N. Y. Plate or similar articles. Des. 62,035; Mar. 6.
Ridgway, Herbert N., Winthrop, Mass. Amusement device. 1,466,963; Sept. 4.
Ridgway, Herbert N., Winthrop, Mass. Amusement device. 1,476,922; Dec. 11.
Ridings, John H., Coal City, Ill. Extension ladder. 1,445,848; Feb. 20.
Ridpath, John, Sherman, S. Dak. Potato cutter. 1,445,555; Feb. 13.
Riecken, William E., Glendale, assignor to Western Electric Company, Incorporated, New York, N. Y. Connecting plug. 1,456,516; May 29.
Rieckmann, Max H., Holyoke, Mass. Coffee extractor. 1,471,752; Oct. 23.
Ried, Christian F., Palmyra, Nebr. Attachment for use with tractor-drawn binders. 1,449,350; Mar. 20.
Ried, Henrita F. H., assignor to The Borden Company, New York, N. Y. Utensil for dispensing heavy fluids. 1,474,848; Nov. 20.
Riedel, Carl O., Milwaukee, Wis. Progress indicator for motion pictures. 1,442,297; Jan. 16.
Riedel, Charles E., Detroit, Mich., assignor, by mesne assignments, to Dayton Scale Company, Dayton, Ohio. Counting scale. 1,455,411; May 15.
Riedel Fertilizing Process Co. (See Riedel, Friedrich, assignor.)
Riedel, Friedrich, Essen, Germany, assignor to Riedel Fertilizing Process Co., Inc., Elizabeth, N. J. Utilizing impure gases or exhaust gases containing carbon dioxide. 1,458,595; June 12.
Riedel, Walter W., assignor to The Dayton Engineering Laboratories Company, Dayton, Ohio. Ignition system. 1,441,451; Jan. 9.
Riedele, Philip, Los Angeles, Calif. Bumper-bar-supporting bracket. 1,453,521; May 1.
Rieder, John, Burlingame, Calif. Combined truck and tractor. 1,457,270; May 29.
Rieff, John G., London, Wis. Detachable chain hook. 1,450,388; Apr. 3.
Rieff, John G., London, Wis. Detachable chain hook. 1,450,389; Apr. 3.
Riefling, Bernard J., St. Louis, Mo. Shoe. 1,445,356; Feb. 13.
Riege, Henry C., Kansas City, Mo. Cement-block machine. 1,478,297; Dec. 18.
Riege, Rudolph, Montclair, N. J. Controlling internal-combustion engine. 1,467,333; Sept. 11.
Riegel Sack Company, The. (See White, Joseph, assignor.)
Riegelman, Frank, Rumson, assignor to B. W. Reid, Highlands, N. J. Timer. 1,472,939; Nov. 6.
Rieger, August R., Chicago, Ill. Cigarette holder. 1,454,487; May 8.
Rieger, John, Waterford, Conn. Safety razor. 1,441,172; Jan. 2.
Riegger, Hans, Berlin-Pankow, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Electrical change-over apparatus. 1,471,863; Oct. 23.
Riehle, Albert J., Cincinnati, Ohio. Tool rack. 1,459,930; June 26.
Rieman, D. Myrtille, Portland, Oreg. Food-grinding machine. 1,456,651; May 29.
Rieman, Paul, Rochester, N. Y. Vacuum cleaner. 1,462,071; July 17.
Riemer, Louis F., Morton Grove, Ill. Folding ladder. 1,466,757; Sept. 4.
Riemvis, Wilhelm F., Wiltevreden, Java, Dutch East Indies. Motor-car ambulance barrow. 1,444,851; Feb. 13.
Riener, Frank. (See Riener, Lorenz and F.)
Riener, Lorenz and F., Deer Park, Ohio. Saw set. 1,474,564; Nov. 20.
Ries, Elias E., New York, N. Y., assignor to American Audioscope Co., Inc. Sound-recording method. 1,473,976; Nov. 13.
Ries, Elmer F., Harrison Pike, Cincinnati, assignor to M. Schmidt, trustee, for himself, E. F. Ries, E. Neubacher, T. O. Bumiller, and S. Trietsch, Cincinnati, Ohio. Polishing machine. 1,471,281; Oct. 16.
Riesenberg, Felix, Tuckahoe, N. Y. Rope structure. 1,445,556; Feb. 13.
Riesenfeld, Ernst H., Freiburg, Germany, assignor, by mesne assignments, to The Chemical Foundation, Inc. Making the chlorinated products of methane. 1,455,508; May 15.
Riesmeyer, Edward H., and G. H. Schaffer, Pittsburgh, Pa. Heating furnace. 1,446,661; Feb. 27.
Riesner, Frank, Oriska, N. Dak. Reverse-valve mechanism. 1,470,483; Oct. 9.
Rieske, Louis, Mayfield Village, assignor to S. M. Moorhouse, Cleveland, Ohio. Combined high and low level valve and depth indicator. 1,478,580; Dec. 25.
Riessner, Paul, Luckenwalde, Germany. Mechanism for playing zithers. 1,457,187; May 29.
Riester, Walter P. (See Burhen, Reinhart J., assignor.)
Riethmiller, Oliver C., and A. Fowler, Philadelphia, Pa. Sewing cabinet. Des. 62,244; Apr. 24.
Rietz, William, assignor to White Wagon Works, Sheboygan Falls, Wis. Roller bearing. 1,458,594; June 12.
Riffel, James K., et al. (See Ware, Thomas E., assignor.)
Rigaud, Henri. (See Kendall, William G., assignor.)
Rigby, Clark F., Butler, Pa. Oil saver. 1,462,518; July 24.
Rigby, John H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole-edge-finishing machine. 1,447,225; Mar. 6.
Rigby, John H., Salem, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacturing soles. 1,454,907; May 15.
Rigby, Thomas, Westminster, London, England. Manufacture of briquettes. 1,463,094; July 24.
Rigby, Thomas, assignor to Berger Bros. Company, Philadelphia, Pa. Gutter end piece. 1,460,733; July 3.
Rigdon, Samuel G., Akron, Ohio. Composition floor strip 1,444,274; Feb. 6.
Rigg, Charles D., Altoona, Pa. Bow for musical instruments. 1,461,096; July 10.
Riggs, Fletcher S., Marshall, Tex. Sign. 1,452,760; Apr. 24.
Riggs, Garshom, A. (See Chapman, A. K., and Riggs.)
Right Manufacturing Company. (See Raymond, Melvin E., assignor.)
Rightnour, Charles H., et al. (See Coles, James G., assignor.)
Rigler, Richard W., assignor to G. H. Elmore, Philadelphia, Pa. Jig plunger. 1,444,705; Feb. 6.
Rigney, James, Anniston, assignor of one-half to J. I. Dodd, Birmingham, Ala. Polishing composition. 1,445,557; Feb. 13.
Rigny, Arthur A., Milford, Pa. Combustion engine. 1,457,123; May 29.
Rike, Berton I., assignor to The Rike Folding Box Company, Dayton, Ohio. Clothes bag. 1,475,410; Nov. 27.
Rike Folding Box Company, The. (See Rike, Berton I., assignor.)
Riker, Andrew L., Fairfield, Conn. Circuit breaker for ignition systems. 1,457,462; June 5.
Riker, Andrew L., Fairfield, Conn. Speed-changing device and take-up of chain drives or the like. 1,467,591; Sept. 11.
Riker, Malcolm D., assignor to McKiernan-Terry Drill Company, Dover, N. J. Jack. 1,465,057; Aug. 14.
Riker, Malcolm D., Dover, N. J., assignor to McKiernan-Terry Drill Company. Lifting jack. 1,468,034; Sept. 18.
Riker, Malcolm D., Dover, N. J., assignor to McKiernan-Terry Drill Company, New York, N. Y. Pile-pulling apparatus. 1,477,283; Dec. 11.
Riker, Monro, Chester, N. J. Means for halving eggs and slicing fruits. 1,473,383; Nov. 6.
Riker, Samuel M., Chester, N. J. Belt buckle. 1,452,818; Apr. 24.
Riker, Samuel M., Chester, N. J. Belt buckle. 1,462,981; July 24.
Riker, Samuel M., Chester, N. J. Belt or strap buckle. 1,465,286; Aug. 21.
Riley, Champlain L., North Plainfield, N. J., assignor to Clark Macmullen & Riley, Inc. Carrier apparatus. 1,457,938; June 5.
Riley, Daniel E., Omaha, Nebr. Ray deflector for lights. 1,445,413; Feb. 13.
Riley, Jefferson, West Durham, N. C. Inner tube. 1,465,867; Aug. 21.
Riley, John B., Ridgely, Tenn. Adjustable axle. 1,469,698; Oct. 2.
Riley, Michael J., East Cleveland, Ohio. Bolt machine. 1,458,359; June 12.
Riley, Ralph, assignor to The Miller Rubber Company, Akron, Ohio. Doll. Des. 62,265; Apr. 24.
Riley, Ray P., assignor to American Art Works, Coshocton, Ohio. Ticket holder. 1,466,729; Sept. 4.
Riley, Robert A., and H. O. Knapp, Pottsville, Pa. Jig mechanism. 1,477,006; Dec. 11.
Riley, Robert S., assignor to Sanford Riley Stoker Co., Worcester, Mass. Furnace stoker mechanism. 1,441,026; Jan. 2.
Riley, Robert S., assignor to Sanford Riley Stoker Co., Worcester, Mass. Clinker grinder. 1,441,027; Jan. 2.
Riley, Robert S., assignor to Sanford Riley Stoker Co., Worcester, Mass. Stroke adjuster for auxiliary fuel-feeding devices. 1,443,502; Jan. 30.
Riley, Robert S., assignor to Sanford Riley Stoker Co., Worcester, Mass. Underfeed stoker. 1,463,337; July 31.
Riley, Robert S., Worcester, Mass., assignor to Murphy Iron Works, Detroit, Mich. Furnace stoker. 1,452,706; Apr. 24.
Riley, Sanford Stoker Co. (See Riley, Robert S., assignor.)
Riley, William J. (See Hawley, Joel E., assignor.)
Riley, William J., St. Louis, Mo. Casket. 1,459,749; June 26.

Rimailho, Emile, Paris, France. Regulating device for the flow of liquid in artillery brakes. 1,461,403; July 10.
Rimailho, Emile, Paris, France. Cannon with multiple powder chambers. 1,477,078; Dec. 11.
Rimailho, Emile, assignor to Compagnie des Forges et Acieries de la Marine et d'Homecourt, Paris, France. Combined wheeled and endless-track vehicle. 1,447,890; Mar. 6.
Rimke, William, Berwyn, Ill. Cabinet. 1,465,178; Aug. 14.
Rimpler, Frank A. (See Rimpler, John H. and F. A.)
Rimpler, John H. and F. A., Goshen, Ind. Saddle cover. 1,467,878; Sept. 11.
Rinaldi, Nicola. (See Trutta, Cesare, assignor.)
Rindfleisch, Benjamin. (See Smith, O. A., and Rindfleisch.)
Rindflish, Fred C. (See Laing, N. B., and Rindflish.)
Rinehart, Earl H. (See Davis, S. L., and Rinehart.)
Rinehart, James S., Hastings, Nebr. Sewer-pipe-joint cleaner. 1,478,455; Dec. 25.
Rinehart, Loron, Woodburn, Oreg. Drain plow. 1,457,271; May 29.
Rinesi, Giovanni, Genoa, Italy. Hoisting and lowering collapsible lifeboats. 1,462,422; July 17.
Rinesi, Giovanni, Genoa, Italy. Construction of boats' davits. 1,465,025; Aug. 14.
Rinesi, Giovanni, Genoa, Italy. Construction of open lifeboats with partially-collapsible sides. 1,468,327; Sept. 18.
Riney, Charles A., assignor of one-half to H. C. Kibe, Omaha, Nebr. Hole-forming device. 1,448,236; Mar. 13.
Ring, Fred C., Kalamazoo, Mich. Spark plug. 1,449,781; Mar. 27.
Ring, Jay W., Conneaut, Ohio. Husking pin. 1,445,558; Feb. 13.
Ring, John, et al. (See Jacobs, James J., assignor.)
Ringe, John C. (See Eames, G. M., and Ringe.)
Ringe, John C., Stratford, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Bobbin-winding attachment for sewing machines. 1,475,597; Nov. 27.
Ringe, John C., and H. C. Nissen, Stratford, Conn., assignors to The Singer Manufacturing Company, Elizabeth, N. J. Thread controller for sewing-machine take-ups. 1,460,177; June 26.
Ringel, Joseph E., Walla Walla, Wash. Jar lifter. 1,441,452; Jan. 9.
Ringer, Soren, Chicago, Ill. File holder. 1,477,284; Dec. 11.
Ringle, Homer G., and J. M. Stewart, assignors to The Bucher & Gibbs Plow Company, Canton, Ohio. Disk harrow. 1,466,063; Aug. 28.
Ringle, Robert F., assignor to Herman Pneumatic Machine Company, Zelienople, Pa. Control valve. 1,452,848; Apr. 24.
Ringler, William A., Philadelphia, Pa., assignor to Globe Wernicke Co., Cincinnati, Ohio. Display device. 1,441,632; Jan. 9.
Ringler, William A., Philadelphia, Pa., assignor to Globe-Wernicke Co., Cincinnati, Ohio. Record-filing device. 1,441,633; Jan. 9.
Ringler, William A., Philadelphia, Pa., assignor to The Globe-Wernicke Company. Index tab. 1,462,626; July 24.
Ringler, William A., Philadelphia, Pa., assignor to The Globe-Wernicke Company. Filing device. 1,464,833; Aug. 14.
Ringler, William A., Philadelphia, Pa. Index tab. 1,472,887; Nov. 6.
Ringler, William A., Philadelphia, Pa., assignor to Globe-Wernecke Co., Cincinnati, Ohio. Display device. 1,464,340; Aug. 7.
Ringler, William A., Philadelphia, Pa., assignor of one-half to H. C. Yeiser, Cincinnati, Ohio. Adjustable price marker. 1,462,825; July 24.
Ringless Piston Company. (See Tismer, Paul G., assignor.)
Rink, George W., Cranford, N. J., assignor to Flory Carry Iron Company, St. Louis, Mo. Striking plate and coupler carrier for railway cars. 1,470,877; Oct. 16.
Rinsche, Frank C., assignor to Borroughs Adding Machine Company, Detroit, Mich. Card-sorting machine. 1,457,124; May 29.
Riopelle, Harry F., Ecorse, Mich. Dumping hoist for motor vehicles. 1,442,095; Jan. 16.
Riopelle, Harry F., Detroit, Mich. Illuminated motor-vehicle signal. 1,468,079; Sept. 18.
Riordan, David. (See Davision, George F., assignor.)
Riotte, Eugene A., Manhasset, N. Y. Safety device for refrigerating machines. 1,446,585; Feb. 27.
Rip Van Winkle Wall Bed Co. (See Sinclair, Neil, assignor.)
Ripley, David W., Fresno, assignor of one-third to T. B. Hunter, San Francisco, and one-third to G. B. McLean, Fresno, Calif. Weighing and packing apparatus. 1,448,237; Mar. 13.
Ripley, George A., Dallas, Tex. Reversible cuff. 1,454,654; May 8.
Ripley, William H., Orange, N. J. Transmission mechanism. 1,442,908; Jan. 23.
Ripley, William R., Turlock, Calif. Ice-cream dipper. 1,472,533; Oct. 30.
Ripper, Harry T., Castle Hedingham, England. Door. 1,473,320; Nov. 6.
Ripper, Kurt, assignor to F. Pollak, Vienna, Austria. Manufacturing condensation products. 1,460,606; July 3.
Rippin, James Y., New York, N. Y. Aeroplane toy. 1,466,031; Aug. 28.
Rippl, Charles H., assignor to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Overload device. 1,461,370; July 10.
Rippner, Harry A., assignor to Beacon Motor Lamp Manufacturing Company, Cleveland, Ohio. Combined stop light and tail lamp. 1,477,285; Dec. 11.
Ripsch, Charles W., assignor to The Joyce-Cridland Company, Dayton, Ohio. Trailer jack. 1,475,598; Nov. 27.
Ripsch, Charles W., and J. C. Dawley, assignors to The Joyce-Gridland Company, Dayton, Ohio. Self-lowering jack. 1,454,029; May 1.
Ripsch, Charles W., J. C. Dawley, and C. D. Derby, assignors to The Joyce-Cridland Company, Dayton, Ohio. Lifting jack. 1,443,593; Jan. 30.
Risberg, Johannes V. M., Sodertelje, assignor to Aktiebolaget Baltie, Stockholm, Sweden. Churn. 1,465,179; Aug. 14.
Rise, Carl H., Rapid City, S. Dak. Device for straightening photographic prints. 1,452,438; Apr. 17.
Rishel, Luther C. (See North, B. A., and Rishel.)
Risk, Loren, Minneapolis, Minn. Fuse for the production of heat. 1,473,874; Nov. 13.
Risk, Loren, Minneapolis, Minn. Applying cement patches. 1,475,029; Nov. 20.
Risley, Clayton E., Hamilton, N. Y. Packing box for potted plants. 1,469,536; Oct. 2.
Rison, Albert J. (See Irving, J., and Rison.)
Risser, George P., and A. P. Williams, Seattle, Wash. Tractor. 1,453,056; Apr. 24.
Rissler, Albin P., and W. G. Hamilton, assignors to Chicago Railway Equipment Company, Chicago, Ill. Reversible strut for brake beams and making same. 1,474,165; Nov. 13.
Rissman, Paul, assignor to Detroit Insulated Wire Company, Detroit, Mich. Anchor connection for flexible cords. 1,454,253; May 8.
Rissmann, Paul, assignor to Fisher Body Corporation, Detroit, Mich. Machine for stitching covers on cores. 1,451,962; Apr. 17.
Rissmann, Paul, assignor to Fisher Body Corporation, Detroit, Mich. Cord anchor. 1,462,125; July 17.
Rist, Frank, Brooklyn, N. Y. Convertible vehicle. 1,454,861; May 15.
Ritchey, Arthur E. (See Clymer, M. G., and Ritchey.)
Ritchie, Oscar N., Hamilton, and H. C. Boykin, Middletown, Ohio, assignors to P. Lorillard Company, New York, N. Y. Bag-opening machine. 1,463,842; Aug. 7.
Ritchie, Thomas, Oskaloosa, Iowa. Stock waterer. 1,477,447; Dec. 11.
Rite Form Corset Co., et al. (See Weinstein, William, assignor.)
Ritschard, Victor, Riverton, N. J., assignor to The Keystone Watch Case Company, Philadelphia, Pa. Watchcase. Des. 63,561; Dec. 18.
Ritschard, William, Detroit, Mich. Mop. 1,477,900; Dec. 18.
Rittenhouse, Walter, et al. (See Ashlock, Ernest H., assignor.)
Ritter, Adolph P., Chicago, Ill. Sanitary foot mat. 1,443,503; Jan. 30.
Ritter, Adolph P., Chicago, Ill. Automatically-flushing mat. 1,467,814; Sept. 11.
Ritter, Charles A., Chicago, Ill. Guard for skate runners. 1,447,431; Mar. 6.
Ritter Dental Mfg. Company. (See May, Adam J., assignor.)
Ritter, Elmer R., assignor to S. A. Wuestefeld, Cincinnati, Ohio. Attachable brake. 1,452,439; Apr. 17.
Ritter, Harry A., Chicago, Ill. Check-indorsing machine. 1,441,634; Jan. 9.
Ritter, Isaac B. (See Maussner, F., and Ritter.)
Ritter, Jakob, Basel, Switzerland. Light-projecting apparatus. 1,460,501; July 3.
Ritter, Joseph, Pittsburgh, Pa., assignor to Whitaker-Glessner Company, Wheeling, W. Va. Elastic gasket composition. 1,455,809; May 22.
Ritter, Will H. (See Reichhelm, George L., assignor.)
Rittman, Walter F., Pittsburgh, Pa. Treatment of hydrocarbons. 1,462,247; July 17.
Rittmeyer, Louis C., and F. B. Lovejoy, Cincinnati, Ohio. Ball thrust and roller bearing. 1,469,537; Oct. 2.
Rittmeyer, Rudolf, et al. (See Glamzo, Paul, assignor.)
Ritz, Frederick, Napoleon, Ohio. Windmill-lubricating system. 1,464,662; Aug. 14.
Ritzenthaler, John, Mount Vernon, N. Y. Cleaning cloth. 1,478,914; Dec. 25.
Ritzer, Max, Munich, Germany, assignor of one-half to T. F. Mullen, Chicago, Ill. Extension oven. 1,445,357; Feb. 13.
Rived, Francisco, Zaragoza, Spain. Registering photo-tachymeter. 1,441,635; Jan. 9.
Rivelis, Samuel, Philadelphia, Pa. Fastening device for wearing apparel. 1,462,049; July 17.
River and Rail Transportation Company. (See Eder, Franz, assignor.)

River Smelting & Refining Company. (See Utley, Howard H., assignor.)
Rivera, Rubén, Sonsonate, Salvador. Hydraulic motor. 1,458,922; June 12.
Riverbank Laboratories. (See Sabine, Paul E., assignor.)
Rivers, Ara M., administratrix. (See Rivers, Charles A.)
Rivers, Ara M., administratrix. (See Rivers, C. A., and Stuart.)
Rivers, Ara M., administratrix. (See Stuart, F. B., and Rivers.)
Rivers, Charles A. (See Stuart, F. B., and Rivers.)
Rivers, Charles A., deceased, El Paso, Tex.; A. M. Rivers, administratrix. Automatic air device for internal-combustion engines. 1,463,099; Aug. 7.
Rivers, Charles A., deceased, and F. B. Stuart, El Paso, Tex.; A. M. Rivers, administratrix. Charge-conditioning device for gas engine. 1,445,105; Feb. 13.
Rivers, Charles A., deceased, and F. B. Stuart, El Paso, Tex.; A. M. Rivers, administratrix. Auxiliary-air-inlet shut-off valve. 1,475,721; Nov. 27.
Rivers, Philip J., New Rochelle, N. Y. Wheel-rim-contracting device. 1,467,068; Sept. 4.
Riverside Engineering Co. Inc. (See Ugnon, C., Galoppa, and Saldarini assignors.)
Rives, George H., New York, N. Y. Combined accelerator pad and heel rest. 1,441,453; Jan. 9.
Rives, George H., Brooklyn, N. Y. Pad for shoe-shining foot rests. 1,441,454; Jan. 9.
Rivet, Joseph H., Woonsocket, R. I. Telephone bracket or support. 1,453,997; May 1.
Rivet-O-Manufacturing Company. (See Harris, Carl C., assignor.)
Rivett, Arthur W., and B. Weinberger, assignors to Marx & Haas Clothing Co., St. Louis, Mo. Transmission appliance. 1,467,687; Sept. 11.
Rivett, Edward, Hull, Mass. Vertical-cylinder grinder. 1,447,152; Feb. 27.
Rivetta, Giovanni, Paris, France. Hub for cinematographic and photographic films. 1,446,929; Feb. 27.
Rivetta, Giovanni, Paris, France. Centrifugal-force governor. 1,453,182; Apr. 24.
Rivetta, Giovanni, Paris, France, assignor to Sept Cinema Camera Distributors, Inc., New York, N. Y. Magazine box for cinematographic or photographic apparatus. 1,469,485; Oct. 2.
Rivkin, Nathan, et al. (See Newbauer, Falentine, assignor.)
Rivkind, George. (See Jacobucci, Raphael, assignor.)
Rix, Edward A., San Francisco, Calif. Liquid measuring and dispensing apparatus. 1,461,292; July 10.
Rix, Edward A., San Francisco, Calif. Liquid dispensing and measuring device. 1,466,482; Aug. 28.
Rixson, Oscar C., New Rochelle, N. Y., assignor to The Oscar C. Rixson Co. Lock. 1,462,826; July 24.
Rixson, Oscar C., New Rochelle, N. Y., assignor to The Oscar C. Rixson Co. Lock. 1,462,827; July 24.
Rixson, Oscar C., New Rochelle, N. Y., assignor to The Oscar C. Rixson Co. Lock. 1,462,828; July 24.
Rixson, Oscar C., Co., The. (See Rixson, Oscar C., assignor.)
Roa, William J., St. Louis, Mo., assignor to American Car and Foundry Company, New York, N. Y. General-service railway car. 1,470,390; Oct. 9.
Roach-Cuming, Arthur J., London, England. Vacuum vessel, slab, partition, and other double-walled vacuum structure. 1,462,092; July 17.
Roach, Jesse E., Oakland, Calif., assignor, by mesne assignments, to Autopoint Manufacturing Company, Chicago, Ill. Pencil. 1,464,853; Aug. 14.
Roach, Joseph H., deceased, Brookline, Pa., Walter T. Roach, executor. Stoker furnace. 1,466,562; Aug. 28.
Roach, Nathan, assignor to The Cleveland Brass Manufacturing Company, Cleveland, Ohio. Arbor construction. 1,440,494; Jan. 2.
Roach, Walter T., executor. (See Roach, Joseph H.)
Roadless Traction, Limited. (See Penn, Oscar S., assignor.)
Roadless Traction, Limited. (See Rackham, George J., assignor.)
Roake, Stephen A., Bloomfield, N. J. Bridge construction. 1,471,282; Oct. 16.
Robaczynski, Ladislaus, Brooklyn, N. Y. Knitting machine. 1,468,513; Sept. 18.
Robb, Arthur A. (See Kepler, I. F., and Robb.)
Robb, John F., Cleveland Heights, Ohio, assignor, by mesne assignments, to Koehring Company, Milwaukee, Wis. Automatic control means for mixers. 1,467,118; Sept. 4.
Robbins, Charles H., jr. (See Schenck, Wilkens A., assignor.)
Robbins, Charles W., La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Measuring and testing of inductances. 1,456,076; May 22.
Robbins, F. M., et al. (See Cleveland, Benjamin L., assignor.)
Robbins, Frank, Clifton Hill, Victoria, assignor to G. E. Andrew, Richmond, Australia. Machine for removing the cores and stones from fruit. 1,454,411; May 8.
Robbins, Grover C., Blowing Rock, N. C. Radius leaf. 1,461,497; July 10.
Robbins, Hallet R., Fierro, N. Mex. Apparatus for the treatment of liquids and liquid pulps. 1,473,160; Nov. 6.
Robbins, Harold V., assignor to H. B. Kruger, New York, N. Y. Display device. 1,448,767; Mar. 20.
Robbins, James B., Crowley, La. Sealing device for wrappers. 1,476,419; Dec. 4.
Robbins, John E., Greensburg, Ind. Hog feeder. 1,444,428; Feb. 6.
Robbins, Joseph W., Wilton, N. H. Box-cover press. 1,473,643; Nov. 13.
Robbins, Philip H., assignor to Poirette Corsets, Inc., New York, N. Y. Corset. 1,462,423; July 17.
Robbins, William T., Mayfield, Ky. Animal-control-feeder. 1,453,768; May 1.
Robe, Eugene A., New Concord, Ohio. Receptacle. 1,453,284; May 1.
Robechaud, Alcide. (See Williams, M. G., and Robechaud.)
Robert, Albert. (See Anderson, Fred E., assignor.)
Robert Bosch Aktiengesellschaft. (See Kratz, Franz, assignor.)
Robert Bosch Aktiengesellschaft. (See Rall, Max, assignor.)
Robert, William W., Atlanta, Ga. Cuff button. 1,449,296; Mar. 20.
Roberts, A. Boake, and Company Limited. (See Vago, Alfred E., assignor.)
Roberts, Alva L., Hubbard, Ohio. Game board. 1,474,089; Nov. 13.
Roberts, Arthur, Evanston, assignor, by mesne assignments, to Chicago Trust Company, trustee, Chicago, Ill. Tar separator and regulator for the same. 1,447,226; Mar. 6.
Roberts, Arthur, Evanston, Ill., assignor, by mesne assignments, to Chicago Trust Company, trustee, Chicago, Ill. Coke-oven door and the like. 1,466,064; Aug. 28.
Roberts, Arthur, Evanston, Ill., assignor, by mesne assignments, to Chicago Trust Company, trustee, Chicago, Ill. Coke oven. 1,475,881; Nov. 27.
Roberts, Augustus P. (See Akins, James C., assignor.)
Roberts, Benjamin D. (See Pouk, John B., assignor.)
Roberts, Carolina. (See Roberts, John, assignor.)
Roberts, Charles F., assignor to Roberts Manufacturing Co., Lockport, N. Y. Cleaning device for paper-making machines. 1,459,161; June 19.
Roberts, Clarence E., Hagerstown, Md. Loading cartridge for grease guns. 1,451,114; Apr. 10.
Roberts, Daniel M., Homestead, Fla. Harrow and scarifier. 1,453,998; May 1.
Roberts, Edmund W., Cincinnati, Ohio. Candy-cutting apparatus. 1,474,004; Nov. 13.
Roberts, Effie M., St. Louis, Mo. Fishing tackle. 1,463,062; July 24.
Roberts, Elder E. (See Franke, F., Miller, and Roberts.)
Roberts, Elmer O., Olympia, Wash. Disappearing table. 1,457,751; June 5.
Roberts, Elmer O., and R. F. Dotsch, Olympia, Wash. Folding portable table. 1,456,573; May 29.
Roberts, Elmer O., and R. F. Dotsch, Olympia, Wash. Hinge. 1,456,574; May 29.
Roberts, Ervin E., Palms, Calif. Power-transmission mechanism. 1,468,401; Sept. 18.
Roberts, Eugene, assignor to The Western States Machine Company, Salt Lake City, Utah. Centrifugal machine. 1,441,751; Jan. 9.
Roberts, Eugene, assignor to The Western States Machine Company, Salt Lake City, Utah. Centrifugal machine. 1,441,752; Jan. 9.
Roberts Expanding Lattice Company Limited of Auckland. (See Roberts, Richard H., assignor.)
Roberts, Ferdinand C., Detroit, Mich. Transparent sign. 1,454,563; May 8.
Roberts, Ferdinand C., Detroit, Mich. Dental floss holder. 1,464,013; Aug. 7.
Roberts, Frank E., and R. J. Hemsteger, Dayton, Ohio. Tractor. 1,445,172; Feb. 13.
Roberts, Frank G., Baltimore, Md. Method of and apparatus for operating muffle furnaces. 1,472,401; Oct. 30.
Roberts, Fred B., Freeman, Mo. Spotlight and mount therefor. 1,447,891; Mar. 6.
Roberts, Frederick R., assignor to William B. Durgin Co., Concord, N. H. Spoon or similar article of manufacture. Des. 62,048; Mar. 13.
Roberts, Frederick W. and R. R., assignors to Roberts Manufacturing Co., Lockport, N. Y. Holding device for dressing tools or the like. 1,443,504; Jan. 30.
Roberts, George A., Manchester Center, Vt. Automobile headlight. 1,441,374; Jan. 9.
Roberts, George A., Paducah, Ky. Fire escape. 1,447,182; Mar. 6.
Roberts, George S., Bend, Oreg. Valve-spring-compressing machine. 1,470,543; Oct. 9.
Roberts, Henry P., Boston, Mass. Bottle stopper. 1,473,048; Nov. 6.
Roberts, Hugh L., Roanoke, Va. Drifting valve. 1,457,272; May 29.
Roberts, James, Buffalo, N. Y. Safety stop. 1,443,042; Jan. 23.
Roberts, James K. (See Kashmere, J. C., and Roberts.)
Roberts, Jessie J., assignor to F. C. Graddick, Winder, Ga. Stop attachment for warping machines. 1,478,915; Dec. 25.

Roberts, John, Elmira, N. Y., assignor of one-half to C. Roberts, White Haven, Pa. Track construction. 1,458,078; June 5.
Roberts, John A., Rolfe, Iowa. Geared wrench. 1,477,448; Dec. 11.
Roberts, John F., Fresno, Calif. Grouter for wheels. 1,458,119; June 5.
Roberts, John J., Louisville, Ky. Electrically-driven reciprocating tool for riveting, calking, stonecutting, etc. 1,458,439; June 12.
Roberts, John J., Louisville, Ky. Portable reciprocating power tool. 1,470,645; Oct. 16.
Roberts, John T., and J. C. Martin, jr., San Francisco, Calif. Forming interlocking bricks. 1,471,506; Oct. 23.
Roberts, John W. (See Case, G. W., and Roberts.)
Roberts, John W. (See Graham, L. S., Roberts, and Wood.)
Roberts, Kenneth A. (See Humphries, Frank, assignor.)
Roberts, L. R., Typewriter Company. (See Roberts, Lyman R., assignor.)
Roberts, Lewis D., Washington, D. C. Paper can. 1,459,260; June 19.
Roberts, Lewis D., Washington, D. C. Can opener. 1,459,261; June 19.
Roberts, Lewis D., Washington, D. C. Can opener 1,461,162; July 10.
Roberts, Luther B., Sweetwater, Tex. Foot propelling device for boats. 1,473,049; Nov. 6.
Roberts, Lyman R., Rutherford, N. J., assignor, by mesne assignments, to L. R. Roberts Typewriter Company, Stamford, Conn. Typewriter. 1,450,115; Mar. 27.
Roberts, Lyman R., Rutherford, N. J., assignor to L. R. Roberts Typewriter Company, Stamford, Conn. Typewriter. 1,455,030; May 15.
Roberts, Lyman R., Rutherford, N. J., assignor to L. R. Roberts Typewriter Company, Stamford, Conn. Typewriter. 1,455,031; May 15.
Roberts, Lyman R., Rutherford, N. J., assignor to L. R. Roberts Typewriter Company, Stamford, Conn. Typewriter. 1,473,254; Nov. 6.
Roberts Manufacturing Co. (See Roberts, Charles F., assignor.)
Roberts Manufacturing Co. (See Roberts, Frederick W., and R. R., assignors.)
Roberts, Marshal G., Detroit, Mich. Window for automobile curtains. 1,474,166; Nov. 13.
Roberts, Merrill E., Pasadena, Calif. Lath. 1,462,579; July 24.
Roberts, Montague H., Englewood, N. J., assignor to Franklin Railway Supply Company. Apparatus for operating booster-supplemented locomotives. 1,476,729; Dec. 11.
Roberts, Montague H., Jersey City, N. J., and C. C. Van Nuys, New York, N. Y., assignors to Air Reduction Company, Inc. Oxygenated blast for metallurgical furnaces. 1,445,973; Feb. 20.
Roberts Numbering Machine Company. (See Kern, Maximilian H., assignor.)
Roberts, Percy, Surbiton, assignor of one-half to G. D. Peters & Company Limited, Slough, Buckingham, England. Ship's hull and other iron or steel vessel or container. 1,446,274; Feb. 20.
Roberts Portable Oven Company. (See Splithoff, Harry S., assignor.)
Roberts, Ralph R. (See Roberts, Frederick W. and R. R.)
Roberts, Ralph W., Dayton, Ohio. Combined potato masher and beater. 1,447,432; Mar. 6.
Roberts, Raney J., Detroit, Mich. Frame for sheet-metal tubs. 1,451,115; Apr. 10.
Roberts, Richard B. (See Hall, B. B., and Roberts.)
Roberts, Richard H., Henderson, Auckland, assignor to Roberts Expanding Lattice Company Limited of Auckland, Auckland, New Zealand. Timberwork. 1,448.768; Mar. 20.
Roberts, Rutherford B. (See Marcum, Harve, assignor.)
Roberts, Sarah, Oakland, Calif. Slipper. Des. 61,986; Feb. 20.
Roberts and Schaefer Company. (See Ernst, Henri A., assignor.)
Roberts and Schaefer Company. (See Jacobsen, Richard S., assignor.)
Roberts & Schaefer Company. (See Lawry, Raymond G., assignor.)
Roberts, Shem. (See Bartle, J. W., and Roberts.)
Roberts, Sherman C., Denver ,Colo. Grinding mill. 1,443,276; Jan. 23.
Roberts, Theodore C., assignor to Columbia Graphophone Manufacturing Company, Bridgeport, Conn. Method of and apparatus for securing a matrix shell to a suitable backing. 1,447.183; Mar. 6.
Roberts, Theodore C., New York, N. Y., assignor to Columbia Graphophone Manufacturing Company, Bridgeport, Conn. Control mechanism. 1,468,675; Sept. 25.
Roberts, Thomas L., jr., Pittsfield, Mass. Fare indicator. 1,471,918; Oct. 23.
Roberts, Urban H. (See Lawrence, Oscar A., assignor.)
Roberts, William, Los Angeles, Calif. Scraper attachment for brooms. 1,462,829; July 24.
Roberts, William E., assignor to Foundation Oven Corporation, New York, N. Y. Valve for coke ovens. 1,448,365; Mar. 13.
Roberts, William E., assignor, by mesne assignments, to Foundation Oven Corporation, New York, N. Y. Coke oven. 1,453,605; May 1.
Roberts, William E., Little Falls, N. J., assignor to Paramount Rubber Consolidated, Inc., Philadelphia, Pa. Inner tube for automobile tires. 1,455,734; May 15.
Roberts, William H., assignor to Detroit Stamping Company, Detroit, Mich. Collapsible-tube holder. 1,452,761; Apr. 24.
Roberts, William T. B., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Work support. 1,456,040; May 22.
Roberts, William T. B., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 1,470,646; Oct. 16.
Robertshaw, Frederick W., Pittsburgh, and G. A. Robertshaw, Greensburg, Pa. Gas range. 1,450,756; Apr. 3.
Robertshaw, Frederick W., Pittsburgh, and G. A. Robertshaw, Greensburg, Pa. Thermostatic valve mechanism. 1,455,662; May 15.
Robertshaw, Frederick W., Pittsburgh, and G. A. Robertshaw, Greensburg, Pa. Thermostat. 1,455,663; May 15.
Robertshaw, George A. (See Robertshaw, Frederick W. and G. A.)
Robertson, Andrew R., and A. F. Dunsmore, Glasgow, Scotland. Centrifugal machine. 1,474,331; Nov. 13.
Robertson, Annie R., executrix. (See Robertson, Colin.)
Robertson Brothers Manufacturing Company. (See Hauf, George F., assignor.)
Robertson, Charles A., Springfield, assignor to Montgomery Ward & Co., Inc., Chicago, Ill. Separator-bowl construction. 1,474,379; Nov. 20.
Robertson, Charles W., Philadelphia, Pa. Creep jack. 1,441,753; Jan. 9.
Robertson, Christopher S., Jacksonville, Fla. Side window for automobiles. 1,446,212; Feb. 20.
Robertson, Christopher S., Jacksonville, Fla. Anchor post for windshields. 1,473,875; Nov. 13.
Robertson, Colin, deceased, by A. R. Robertson, executrix, Antrim, N. H., assignor to W. H. Banks, Winthrop, Mass. Miter clamp. 1,474,119; Nov. 13.
Robertson, David. (See Hawkridge, J., Robertson, and Nairne.)
Robertson, Florence L., Fergus Falls, Minn. Stove cover. 1,461,856; July 17.
Robertson, Frank E., assignor to The P. A. Geier Company, Cleveland, Ohio. Mechanism for power-driven washing machines. 1,467,879; Sept. 11.
Robertson, Frank R. (See Mitchell, Eugene F., assignor.)
Robertson, Frederick C., Spokane, Wash., assignor, by mesne assignments, to Rubber-Metal Horse Footwear, Inc., Buffalo, N. Y. Horeshoe. 1,441,602; Jan. 9.
Robertson, Frederick C., Spokane, Wash., and P. P. Rooney, New York, assignors, by mesne assignments, to Rubber-Metal Horse Footwear, Inc., Buffalo, N. Y. Horseshoe. 1,477,007; Dec. 11.
Robertson, H. H., Company. (See Roney, William W., assignor.)
Robertson, Harry M., Rockville, Md., assignor to American Dressler Tunnel Kilns, Inc., New York, N. Y. Tunnel kiln. 1,477,152; Dec. 11.
Robertson, James, Stratford, London, England. Rotary engine, pump, and the like. 1,445,559; Feb. 13.
Robertson, James, jr., Weehawken, N. J. Mold for forming repair patches. 1,454,655; May 5.
Robertson, Jesse N., Portland, Oreg. Shoe cleaner and scraper. 1,456,575; May 29.
Robertson, John A., St. Joseph, Mo. Cable clamp. 1,460,276; June 26.
Robertson, John A., assignor to Eastman Kodak Company, Rochester, N. Y. Motion-picture-film reel. 1,469,818; Oct. 9.
Robertson, John A., and C. F. Speidel, assignors to Eastman Kodak Company, Rochester, N. Y. Camera casing. Des. 62,530; June 12.
Robertson, John P., assignor to General Motors Corporation, Detroit, Mich. Hinge structure for automobile hoods. 1,475,967; Dec. 4.
Robertson, John Y., El Paso, Tex. Sieve. 1,444,275; Feb. 6.
Robertson, Joseph M., et al. (See Gray, Joseph M., assignor.)
Robertson, Katherine L., Chicago, Ill. Trunk. 1,475,882; Nov. 27.
Robertson, Robert, London, assignor of one-half to F. H. Austin, Audlem, Chester, England. Apparatus for spraying liquids by compressed air. 1,461,546; July 10.
Robertson, Samuel B., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Pneumatic tire. Des. 63,112; Oct. 2.
Robertson, Walter S., assignor to The Chas. H. Elliott Company, Philadelphia, Pa. Ring. Des. 62,414; May 22.
Robertson, William. (See Rosine, Conrad, assignor.)
Robertson, William J., and H. E. Becker, Fullerton, Calif. Well-cementing apparatus. 1,459,345; June 19.
Robertson, William W., Worcester Mass., assignor to Crompton & Knowles Loom Works. Shuttle box for pile-fabric looms. 1,476,843; Dec. 11.

Robertson, William W., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Loom temple. 1,477,977; Dec. 18.
Robeson, Edna G., Atlanta, Ga. Type bar for stenographic typewriters. 1,454,692; May 8.
Robeson, Edna G., Atlanta, Ga. Stationery cabinet. 1,458,953; June 19.
Robeson, J. S., Inc. (See Robeson, Jacob S., assignor.)
Robeson, Jacob S., Pennington, N. J. Process and composition for making roadways. 1,445,240; Feb. 13.
Robeson, Jacob S., Pennington, N. J., assignor to J. S. Robeson, Inc., Wilmington, Del. Treatment of sulphite cellulose liquors. 1,445,603; Feb. 13.
Robeson Process Company. (See McElroy, Karl P., assignor.)
Robey, Ernest W. (See Wood, W. R., and Robey.)
Robey, Ernest W., assignor of a moiety to Underfeed Stoker Company, Limited, London, England. Conveyer or the like. 1,468,545; Sept. 18.
Robin, Jacob I., New York, N. Y. Safety device for controlling the operation of automatic machines. 1,440,894; Jan. 2.
Robin, Jacob I., New York, N. Y. Gas burner. 1,451,116; Apr. 10.
Robin, Jacob I., New York, N. Y. Grater. 1,457,228; May 29.
Robin, Philip T., New York, N. Y. Transmission unit. 1,469,538; Oct. 2.
Robinett, Winfield S., Seattle, Wash. Tire changer. 1,451,344; Apr. 10.
Robinson, Albert E., assignor to The American Tool Works Company, Cincinnati, Ohio. Friction-clutch mechanism. 1,446,129; Feb. 20.
Robinson, Alfred, Gardner, Mass. Fastener device. 1,473,876; Nov. 13.
Robinson, Archie D., Westfield, Mass. Holder for memorandum pads and the like. 1,452,707; Apr. 24.
Robinson, Arthur W., Montreal, Quebec, Canada. Delivery pipe for hydraulic dredging machines. 1,451,272; Apr. 10.
Robinson, Arthur W., San Antonio, Tex. Automatic flushing apparatus. 1,461,163; July 10.
Robinson, Arthur W., Montreal, Quebec, Canada. Floating discharge pipe for hydraulic dredges. 1,462,830; July 24.
Robinson, Benjamin E., Sallyards, Kans. Fluid-discharge means for bottles. 1,458,004; June 5.
Robinson, Charles B. (See Daulton, B. H., and Robinson.)
Robinson, Charles M., assignor to Scovill Manufacturing Company, Waterbury, Conn. Separable fastener. 1,443,277; Jan. 23.
Robinson, Charles O., Bismarck, N. Dak. Collapsible supporting device. 1,451,846; Apr. 17.
Robinson, Charles O., Bismarck, N. Dak. Convertible baby carriage. 1,461,458; July 10.
Robinson, Charles S., Somerset West, Cape of Good Hope, South Africa. Recovery and refining of sulphur. 1,476,645; Dec. 4.
Robinson, Charles W. (See Bozard, H. B., and Robinson.)
Robinson, Clarence J. (See Schellenbach, W., and Robinson.)
Robinson, Clarence R., Brooklyn, N. Y. Means for producing composition articles. 1,474,565; Nov. 20.
Robinson, Claude E. (See Frick, P. S., and Robinson.)
Robinson, Dean Kees, Baltimore, Md. Pivot lathe for watchmakers. 1,470,544; Oct 9.
Robinson, Edith A., administratrix. (See Robinson, Lawrence E.)
Robinson, Edward K., Belmont, Mass. Bookbinding. 1,450,261; Apr. 3.
Robinson, Edwin L., assignor of one-half to H. J. Spooner, Providence, R. I. Spring ring. 1,442,096; Jan. 16.
Robinson, Elizabeth A., Scranton, Pa. Ventilating apparatus for Pullman cars. 1,463,294; July 31.
Robinson, Emery M., River Rouge, Mich. Poultry feeder. 1,471,919; Oct. 23.
Robinson, Ernest H. (See Mackenzie, R. W. R., Robinson, Fort, and Lumsden.)
Robinson, Ezra L., Los Angeles, Calif. Direction indicator. 1,478,916; Dec. 25.
Robinson, Frank H. (See Park, W. J., and Robinson.)
Robinson, George. (See Sturdevant, Ceylon, assignor.)
Robinson, George A., assignor to Pneumatic Scale Corporation, Limited, Norfolk Downs, Mass. Packaging device. 1,456,576; May 29.
Robinson, George E., Portland, Oreg. Cylinder-grinding machine. 1,441,242; Jan. 9.
Robinson, Georgia, Grand Rapids, Mich. Bouquet holder. 1,456,859; May 29.
Robinson, Glenn P., Philadelphia, Pa. Roller-setting apparatus for printing presses. 1,470,194; Oct. 9.
Robinson, Harriet M., Seattle, Wash. Doll. Des. 62,745; July 24.
Robinson, Harvey J. D., Trochu, Alberta, Canada. Demountable rim for automobile wheels. 1,471,707; Oct. 23.
Robinson, Herman P., Bristol, Tenn. Steam chest and balance slide valve therefor. 1,470,193; Oct. 9.
Robinson, James and P., Leeds, England. Anchor used in connection with mechanically-operated farm implements working on the fixed-cable system. 1,449,447; Mar. 27.
Robinson, James K., Little Rock, Ark. Ventilator. 1,469,022; Sept. 25.
Robinson, James K., Little Rock, Ark. Ventilator. 1,475,317; Nov. 27.
Robinson, John G., Eldorado, Kans. Well plug. 1,448,004; Mar. 13.
Robinson, John G., Fairfield, England. Furnace of locomotives. 1,450,229; Apr. 3.
Robinson, John W., Macon, Ga. Mechanical rectifying system. 1,460,444; July 3.
Robinson, Jonathan J., Philadelphia, Pa. Testing device. 1,447,690; Mar. 6.
Robinson, Joseph, Morristown, N. J. Driving connection. 1,468,402; Sept. 18.
Robinson, Joseph V., Santa Monica, Calif. Automatic train-pipe connector. Re15,596; May 8.
Robinson, Joseph V., New York, N. Y. Automatic train-pipe connector. Re15,639; June 26.
Robinson, Lawrence E., deceased, by E. A. Robinson, administratrix, Coffeyville, Kans. Oil-well swab. 1,458,151; June 12.
Robinson, Leo S., Alameda, Calif. Segregating apparatus. 1,450,390; Apr. 3.
Robinson, Leon A., Peoria, Ill. Attachment for line-casting machines. 1,460,445; July 3.
Robinson, Luther, Eldorado, Kans. Fire extinguisher. 1,452,657; Apr. 24.
Robinson, Marion, Princeton, W. Va., assignor of one-half to Mrs. L. Markland, Jenkins, Ky. Railway switch. 1,457,229; May 29.
Robinson, Percy. (See Robinson, James and P.)
Robinson, Roy H., Chicago, Ill. Tennis racket. 1,470,878; Oct. 16.
Robinson, Roy M., and J. Bradley, assignors of one-fourth to J. L. Mallett and one-fourth to H. W. Lee, Albany, N. Y. Flywheel governor. 1,445,715; Feb. 20.
Robinson, Roy M., and J. Bradley, assignors of one-fourth to J. L. Mallett and one-fourth to H. W. Lee, Albany, N. Y. Flywheel governor. 1,445,716; Feb. 20.
Robinson, Thomas, Babylon, N. Y. Roofing element. 1,449,058; Mar. 20.
Robinson, Thomas, Babylon, N. Y., assignor to Anaconda Sales Company. Strip-roofing construction. 1,474,380; Nov. 20.
Robinson, Thomas E., Tulsa, Okla. Casing clamp. 1,465,485; Aug. 21.
Robinson, Walter W., assignor of one-half to B. F. Lyons, Beloit, Wis. Refrigerating device. 1,449,872; Mar. 27.
Robinson, William. (See Faber, L. W., and Robinson.)
Robinson, William A. H., Springfield, Mass. Finger ring. Des. 62,388; May 15.
Robinson, William G., Batavia, Iowa. Wire-fence clamp. 1,477,901; Dec. 18.
Robinson, William G., Batavia, Iowa. Wire-fence stretcher. 1,477,902; Dec. 18.
Robinson, William H., Los Angeles, Calif. Paint. 1,445,173; Feb. 13.
Robinson, William V., assignor to The Independent Stove Co., Owosso, Mich. Gas burner. 1,452,440; Apr. 17.
Robinson, William V., assignor to The Independent Stove Co., Owosso, Mich. Gas burner. 1,463,592; July 31.
Robirds, William N., jr., Santa Monica, Calif. Floor buffer. 1,468,080; Sept. 18.
Robison, Franklin R., Gloversville, N. Y. Laundry-net receptacle. 1,458,440; June 12.
Robison, James E., Denver, Colo. Ground-gripping chain for automobile tires. 1,453,183; Apr. 24.
Robison, James E., Denver, Colo. Automobile body attaching tool-holding case. 1,455,549; May 15.
Robison, Lige, Four States, W. Va. Artificial coal. 1,454,410; May 8.
Roblee, Robert A., assignor to Brown Shoe Company, Incorporated, St. Louis, Mo. Shoe filler. 1,454,412; May 8.
Robles, Charles W., et al. (See McElrath, James R., assignor.)
Roblin, Pierre F. M., St. Nazaire, France. Process and apparatus for permanent undulation of hair. 1,456,830; May 29.
Roby, Frank M., Cleveland, Ohio. Lubricator. 1,476,466; Dec. 4.
Roby, James J. (See Moore, Ray W., assignor.)
Roby, Luther E., Peoria, Ill. Power-operated draft lifting device. 1,476,728; Dec. 11.
Roby, Rhea T., et al., executrices. (See Talmage, John G.)
Roché, Jean A., Dayton, Ohio. Landing gear for airplanes. Re15,656; July 17.
Rocheleau, Alphonso, assignor to Hart Brothers, Saginaw, Mich. Feed device for bean-sorting machines. 1,459,553; June 19.
Rochester Binding & Coat Front Company. (See Goldstein, Albert S., assignor.)
Rochester Can Company. (See Gray, Malcolm E., assignor.)
Rochlen, Ava M. (See Trueblood, R. W., and Rochlen.)
Rocholl, Valentine C., Fort Wayne, Ind. Whistle. 1,440,698; Jan. 2.
Rochlitz, Ludwig J., Stuttgart, Germany. Operation of cupola furnaces. 1,476,106; Dec. 4.
Rock, Cephas I., Boston, Mass. Device for compressing and holding compressed spiral springs until released in position. 1,449,551; Mar. 27.

Rock Island Plow Company. (See Kaupke, Lee H., assignor.)
Rock, James, New York, N. Y. Tool-supporting spindle for woodworking machines. 1,465,058; Aug. 14.
Rock, James, Astoria, N. Y. Tool-supporting spindle for woodworking machines. 1,465,059; Aug. 14.
Rock, James, Astoria, N. Y. Woodworking tool and forming the cutting edge thereof. 1,465,060; Aug. 14.
Rockbestos Products Corporation. (See Heany, John A., assignor.)
Rocke, Abraham, assignor to Peerless Corset Co., Inc., New York, N. Y. Garment. 1,460,277; June 26.
Rockey, Clarence H., Chicago, Ill. Universal fixture stem. 1,448,942; Mar. 20.
Rockford Metal Specialty Company. (See Anderson, A. M., and Abitz, assignors.)
Rockford Milling Machine Company. (See Sundstrand, Gustaf D., assignor.)
Rockford Showcase & Fixture Company, The. (See Michaelson, Henry G., assignor.)
Rockford Tool Company. (See Sundstrand, Gustaf D., assignor.)
Rockman, Bennett, Boston, Mass. Windshield cleaner. 1,464,776; Aug. 14.
Rockoff, Bernard I. and E., Chicago, Ill. Multiple lamp socket. 1,471,208; Oct. 16.
Rockoff, Elias. (See Rockoff, Bernard I. and E.)
Rockstroh, Otto, assignor to the firm of Carl Zeiss, Jena, Germany. Roll film dark slide. 1,443,433; Jan. 30.
Rockwell, Byrd C., Camden, Ark. Collapsible crate. 1,443,147; Jan. 23.
Rockwell, Byrd C., Camden, Ark. Method of manufacturing veneered lumber. 1,446,810; Feb. 27.
Rockwell, Byrd C., Camden, Ark. Folding crate. 1,451,373; Apr. 10.
Rockwell, David P. (See Whipple, R. L., Rockwell, and Featherstone.)
Rockwell, Edward A., New York, N. Y., assignor, by mesne assignments, to Stewart-Warner Speedometer Corporation. Means for supporting vacuum feeding systems. 1,453,729; May 1.
Rockwell, Edward A., Kew Gardens, N. Y., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Pressure-feed system for internal-combustion engines. 1,470,484; Oct. 9.
Rockwell, Frederick C., West Hartford, Conn. Film for the reproduction of pictures. 1,444,388; Feb. 6.
Rockwell, Hugh M., Bristol, Conn., assignor, by mesne assignments, to Standard Steel and Bearings Incorporated, Wilmington, Del. Manufacture of antifriction bearings. 1,453,366; May 1.
Rockwell, Hugh M., Bristol, assignor, by mesne assignments, to The Marlin Firearms Corporation, New Haven, Conn. Belt-loading machine. 1,468,870; Sept. 25.
Rockwell, Robert L. (See Stevens, H. R., and Rockwell.)
Rockwell, Robert L. (See Treiman, I. A., and Rockwell.)
Rockwell, Robert L., and E. G. Howe, assignors, by mesne assignments, to E. G. Howe, trustee, Seattle, Wash. Automatic semaphore signal system. 1,462,248; July 17.
Rockwood, George I., Worcester, Mass. Exhauster for dry-pipe systems. 1,474,915; Nov. 20.
Rodabush, Walter C., Harrisburg, Pa., and F. Schlueter, New York, N. Y. Fuel preheater for internal-combustion engines. 1,465,785; Aug. 21.
Rodda, Bertie N. (See Rodda, Thomas H. and B. N.)
Rodda, Bertie N., Torrensville, South Australia, Australia. Spring gate and wiper for seed wheels. 1,443,906; Jan. 30.
Rodda, Thomas H., Joslin, and B. N. Rodda, Torrensville, South Australia, Australia. Auxiliary spring or shock absorber for vehicles, particularly motor vehicles. 1,452,441; Apr. 17.
Roddy, Gustav R., assignor to Chain Belt Company, Milwaukee, Wis. Traveling conveyer with gravity rollers. 1,472,679; Oct. 30.
Rode, Charles R., Lima, Ohio. Viscosimeter. 1,459,262; June 19.
Rode, Frederick J., R. I. Frost, and J. L. Liston, Augusta, Kans.; said Rode and said Frost assignors to said Liston. Signal lantern. 1,455,938; May 22.
Rodebush, Worth H., Baltimore, Md., assignor to U. S. Industrial Alcohol Co. Making glycol. 1,454,604; May 8.
Rödel, Friedrich G. B., Lutzen, Germany. Grinding disk. 1,449,956; Mar. 27.
Rodell, Adolph, Chicago, Ill. Doorstop. 1,455,550; May 15.
Rodenhizer, Bernard C., Lynchburg, Va. Water-gauge glass for steam boilers. 1,452,390; Apr. 17.
Roderick, John V., Akron, Ohio. Internal-combustion engine. 1,454,862; May 15.
Roderick Lean Manufacturing Company. (See Heston, George C., assignor.)
Roderick Lean Manufacturing Company. (See Warne, Frederick C., assignor.)
Roderick, Richard D., Hazleton, Pa. Potato masher. 1,443,649; Jan. 30.
Rodger Ballast Car Co. (See Gallagher, Frederick S., assignor.)
Rodger Ballast Car Company. (See Hosceit, W. J., and Hindahl, assignors.)
Rodger Ballast Car Company. (See Neikirk, John O., assignor.)
Rodgers, Claude M., and A. W. Wenger, Warsaw, Ind. Reel. 1,445,560; Feb. 13.
Rodgers, Cowan, Knoxville, Tenn. Automobile fender. 1,465,589; Aug. 21.
Rodgers, Cowan, Knoxville, Tenn. Automobile fender. 1,465,590; Aug. 21.
Rodgers, John, Jamaica, N. Y. Album. 1,451,474; Apr. 10.
Rodgers, John F., assignor of one-half to C. Hanselmann, Brooklyn, N. Y. Tuning transformer. 1,471,418; Oct. 23.
Rodgers, Robert S., assignor to The American Seeding Machine Company, Springfield, Ohio. Bearing. 1,477,718; Dec. 18.
Rodhe, Olof, assignor to Svenska Aktiebolaget Mono, Stockholm, Sweden. Registering mechanism of gas-analysis apparatus. 1,458,893; June 12.
Rodin, Charles F., Fairfax, Calif. Spring-shackle mounting. 1,464,341; Aug. 7.
Rodman Chemical Company. (See Rodman, H., and Boren, assignors.)
Rodman, Edward F., Kansas City, Mo. Propelling device for swimmers. 1,476,844; Dec. 11.
Rodman, Hugh, Oakmont, and E. E. Boren, Swissvale, Pa., assignors to Rodman Chemical Company. Decolorizing material and making same. 1,474,120; Nov. 13.
Rodney Hunt Machine Company. (See Harris, Carl C., assignor.)
Rodopulos, Michael P., Chicago, Ill. Ice-cream scoop. 1,459,638; June 19.
Rodrian Electro-Metallurgical Co. (See Rodrian, Richard, assignor.)
Rodrian, Richard, assignor to Rodrian Electro-Metallurgical Co., Incorporated, New York, N. Y. Smelting and electrolytic process. 1,447,892; Mar. 6.
Rodrigo, Henry, sr., Houston, Tex. Well screen. 1,473,644; Nov. 13.
Rodrigues, Manuel R., Brooklyn, N. Y. Cartridge fuse. 1,452,255; Apr. 17.
Rodriguez, German V., Manzanillo, Cuba. Apparatus for hoisting and transferring sugar cane and other articles. 1,467,013; Sept. 4.
Rodriguez, Ramon M. (See Zirion y Saravia, A., and Rodriguez.)
Rodriguez, Ramon M., New York, N. Y. Vanity case. 1,470,647; Oct. 16.
Rodriguez, Ramon M., New York, N. Y. Box for talcum powder and similar material. Des. 63,323; Nov. 20.
Roe, Emil W. K., assignor to The Aldon Company, Chicago, Ill. Saw. 1,468,514; Sept. 18.
Roe, Ernest S., assignor to Markham Air Rifle Company, Plymouth, Mich. Air gun. 1,477,770; Dec. 18.
Roe, Ferrin A. (See Meisner, R., and Roe.)
Roe, Harold. (See Hollenbeck, R. B., and Roe.)
Roe, Mayo E., assignor to The Colson Company, Elyria, Ohio. Juvenile vehicle. 1,474,493; Nov. 20.
Roe, William C., assignor to Holmes Electric Protective Company, New York, N. Y. Alarm system. 1,468,328; Sept. 18.
Roeber, Moritz H., et al. (See Younger, Frank J., assignor.)
Roebuck, Alvah C., Chicago, Ill. Speed control. 1,455,093; May 15.
Roebuck, Alvah C., Chicago, Ill. Intermittent-shutter mechanism. 1,455,094; May 15.
Roebuck, Alvah C., Chicago, Ill. Fire-door-operating mechanism. 1,455,095; May 15.
Roebuck, Alvah C., Chicago, Ill. Motion-picture machine. 1,455,096; May 15.
Roeder & Co. (See Tonke, Wilhelm, assignor.)
Roedl, George C., Beaver Dam, Wis. Automobile perch. 1,450,988; Apr. 10.
Roeglin, Henry R., assignor of one-half to J. Molnar, Milwaukee, Wis. Builder's tool. 1,472,992; Nov. 6.
Roeker, Hugo, Clinton, Wis. Trip hammer. 1,476,923; Dec. 11.
Roeling, Henry W., A. G. Kern, J. G. Bauer, and J. Catalano, jr., New Orleans, La. Railway signal device. 1,444,755; Feb. 6.
Roemer, Henry A., Canton, Ohio. Rolling mill. 1,467,880; Sept. 11.
Roemer, Ralph R., Akron, Ohio, assignor to The Akron Cultivator & Mfg. Co. Stove. 1,467,815; Sept. 11.
Roesch, Alfred. (See Milker, H. P., and Roesch.)
Roesch, Daniel, Chicago, Ill. Priming device for internal-combustion engines. 1,451,434; Apr. 10.
Roesch, Joseph B., Old Forge, Pa. Demountable rim. 1,460,278; June 26.
Roesel, Edmond. (See Gouin, P., and Roesel.)
Roeser, Harry C., Chicago, Ill. Navigating instrument. 1,463,373; July 31.
Roess, Heinrich. (See Schmidt, M. P., and Roess.)
Roessel, Louis. (See Collins, C. S., and Roessel.)
Roessler & Hasslacher Chemical Company, The. (See Albert, August, assignor.)
Roessler & Hasslacher Chemical Company, The. (See Haas, Joseph, jr., assignor.)
Roessler & Hasslacher Chemical Company, The. (See Liebknecht, Otto, assignor.)
Roessling, Bernard E., assignor to Francis J. Maneeley, Philadelphia, Pa. Walking toy. 1,444,389; Feb. 6.

Roeth, Albert H., New York, N. Y. Building tile. 1,447,041; Feb. 27.
Roettges, Frederick, Stamford, Conn., assignor to William R. Noe & Sons, New York, N. Y. Lamp or other shade. Des. 61,863; Jan. 30.
Roettges, Frederick, Stamford, Conn., assignor to William R. Noe & Sons, New York, N. Y. Lamp or other pedestal. Des. 62,497; June 12.
Roettges, Frederick, Stamford, Conn., assignor to William R. Noe & Sons, New York, N. Y. Lamp or other pedestal. Des. 62,498; June 12.
Roettges, Frederick, Stamford, Conn., assignor to William R. Noe & Sons, New York, N. Y. Lamp or other pedestal. Des. 62,499; June 12.
Roettges, Frederick, Stamford, Conn., assignor to William R. Noe & Sons, New York, N. Y. Lamp or other pedestal. Des. 62,500; June 12.
Roettges, Frederick, Stamford, Conn., assignor to William R. Noe & Sons, New York, N. Y. Lamp or other shade. Des. 62,501; June 12.
Roettges, Frederick, Stamford, Conn., assignor to William R. Noe & Sons, New York, N. Y. Lamp or other pedestal. Des. 62,502; June 12.
Roettges, Frederick, Stamford, Conn., assignor to William R. Noe & Sons, New York, N. Y. Lamp or other pedestal. Des. 62,503; June 12.
Roettges, Frederick, Stamford, Conn., assignor to William R. Noe & Sons, New York, N. Y. Lamp or other shade. Des. 63,270; Nov. 13.
Roffino, Mario, New York, N. Y. Concrete block construction. 1,472,680; Oct. 30.
Roffy, Joseph T., Brooklyn, N. Y. Flash light. 1,441,883; Jan. 9.
Roffy, Joseph T., Brooklyn, N. Y. Flash light. 1,441,884; Jan. 9.
Rogaly, Leopold. (See Cowen, W. L., and Friend, assignors.)
Rogatchoff, Theodore, Baltimore, Md. Lubricating system for crossheads. 1,440,747; Jan. 2.
Rogati, Agostina, and L. Aronne, New York, N. Y. Automatic stop for phonographs. 1,445,561; Feb. 13.
Rogers, Abby, San Francisco, Calif., assignor of one-half to M. Nash and one-half to W. G. Hutchins, Seattle, Wash. Fuel mixer for internal-combustion engines. 1,446,397; Feb. 20.
Rogers, Abby, assignor to M. Nash and W. G. Hutchins, Seattle, Wash. Fuel mixer for internal-combustion engines. 1,474,791; Nov. 20.
Rogers, Albert, La Mesa Heights, Calif. Paste receptacle. 1,448,943; Mar. 20.
Rogers, Allen. (See Ehrenreich, A., and Rogers.)
Rogers, Alonzo L., Walkerton, Ind. Stepladder. 1,473,443; Nov. 6.
Rogers, Carlyle W., Warren, Pa. Spring structure. 1,457,856; June 5.
Rogers, Cephas B., Danbury, Conn. Electric-light bracket. Des. 63,004; Sept. 4.
Rogers, Charles E., Detroit, Mich. Condensing fluid. 1,461,164; July 10.
Rogers, Clarence J., assignor to Great Western Electric Company, Morris, Okla. Telegraph relay. 1,444,555; Feb. 6.
Rogers, Clarence J., assignor to Great Western Electric Company, Morris, Okla. Magnetic interlocking repeater. 1,446,770; Feb. 27.
Rogers, Donald G., and H. T. Stowell, Buffalo, assignors to National Aniline & Chemical Company, Inc., New York, N. Y. Vat dye. 1,478,061; Dec. 18.
Rogers, Edbert, Flint, Mich. Shipping device. 1,471,753; Oct. 23.
Rogers, Edwin, Aurora, Ill. Parachute. 1,478,677; Dec. 25.
Rogers Electric Laboratories Company, The. (See Humphreys, Edwin S., assignor.)
Rogers, Elmer D., Detroit, Mich. Desiccated malt extract and producing the same. 1,474,381; Nov. 20.
Rogers, Emmet P., et al. (See Collman, Maurice, assignor.)
Rogers, Erastus W., Durham, N. C. Multiple-hole top for burner stoves. 1,457,188; May 29.
Rogers, Everett I., jr., Providence, R. I. Collar holder. 1,461,328; July 10.
Rogers, Francis M. (See Humphreys, R. E., Rogers, and Bransky.)
Rogers, Frank K., Los Angeles, Calif. Bumper for motor vehicles. 1,456,281; May 22.
Rogers, Harold W., Schenectady, N. Y., assignor to General Electric Company. Control of dynamo-electric machines. 1,453,522; May 1.
Rogers, Harry R., assignor to Chicago Car Seal Company, Chicago, Ill. Seal. 1,447,691; Mar. 6.
Rogers-Higgins Co., The. (See Higgins, James F., assignor.)
Rogers, Homer S., assignor to J. R. Ball, Milwaukee, Wis. Relay pneumatic pump. 1,444,087; Feb. 6.
Rogers, Homer S., assignor to J. R. Ball, Milwaukee, Wis. Pneumatic pump. 1,473,384; Nov. 6.
Rogers, James B., Chicago, Ill. Mathematical top. 1,462,870; July 24.
Rogers, James P. (See Brady, Archie E., assignor.)
Rogers-Jenkins, Arthur. (See De Villiers, Peter G. T., assignor.)
Rogers, John A. S. (See Lowrey, John R., assignor.)
Rogers, John R., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Typographical composing and distributing machine. 1,443,434; Jan. 30.
Rogers, Joseph A., New York, N. Y. Pneumatic tire. 1,462,942; July 24.
Rogers, Joseph A., Rumney Depot, N. H. Spark plug. 1,471,283; Oct. 16.
Rogers, Joseph C., assignor of one-sixth to G. S. Abernarty and one-sixth to Mrs. J. W. Jones, Prospect Station, Tenn. Wagon brake. 1,473,518; Nov. 6.
Rogers, Joseph S., Greenville, Ala., assignor, by mesne assignments, of one-half to F. D. Metcalf, Johnson City, Tenn. Double plow. 1,470,879; Oct. 16.
Rogers, Lore A., Washington, D. C., assignor to assistant Secretary of Agriculture of the United States of America. Making a food product from skim milk. 1,477,153; Dec. 11.
Rogers, Ray G. (See Harris, D. L., Coffman, and Resnick, assignors.)
Rogers, Samuel. (See Creager, E. F., and Rogers.)
Rogers, Samuel, Anderson, Ind., assignor to The Remy Electric Company. Construction of electrical windings. 1,451,374; Apr. 10.
Rogers, Samuel R., De Soto, Mo. Stove lifter. 1,475,883; Nov. 27.
Rogers, Simeon L. and George H., Company. (See James, Sidney V., assignor.)
Rogers, Verna B., Canutillo, Tex. Clothes container. 1,473,161; Nov. 6.
Rogers, Wilbur I., Boston, Mass. Steering attachment for sleds. 1,459,263; June 19.
Rogers, William A., Harris, Iowa. Signal. 1,475,513; Nov. 27.
Rogers, William A., Limited. (See Bearce, Alexis W., assignor.)
Rogers, Wm. A., Limited. (See Thompson, W., and Jameson, assignors.)
Rogers, William J., Potosi, Tex. Smoking pipe. 1,463,843; Aug. 7.
Rogerson, Thomas B., Glasgow, Scotland. Cogging and rolling mill for iron and steel. 1,474,734; Nov. 20.
Rogge, George F. (See Johnston, Robert J., assignor.)
Rogge, William E., Gulfport, Miss. Operating means for window sashes. 1,453,523; May 1.
Roggen, Isaac, Yonkers, N. Y. Garment. 1,461,679; July 10.
Roggi, Abdenago, Chicago, Ill. Lid-operating mechanism. 1,460,178; June 26.
Rogginger, John, San Diego, Calif. Tumbler lock. 1,444,429; Feb. 6.
Rogler, John, Jefferson, Wis. Lock nut. 1,441,714; Jan. 9.
Rognlie, Adolph B., Shelly, Minn. Separable rim. 1,474,555; Nov. 20.
Rognlie, Fred, Churchs Ferry, N. Dak. Trench mortar. 1,471,063; Oct. 16.
Rohan, James J., assignor to Auto-Bronk, Inc., St. Louis, Mo. Child's vehicle. 1,448,817; Mar. 20.
Rohde, Max and R., Berlin-Plotzensee, Germany. Safety roller razor. 1,444,764; Feb. 6.
Rohde, Robert. (See Rohde, Max and R.)
Rohdiek, John, assignor to J. Pfeiffer, New York, N. Y. Container. 1,470,579; Oct. 9.
Roher, Daniel, Spokane, Wash. Air-purifying device for motor-driven tire pumps. 1,458,005; June 5.
Rohland, Curt J., Seekonk, Mass., assignor, by mesne assignments, to Signal Engineering and Manufacturing Company, New York, N. Y. Alternating-current electric bell. 1,456,282; May 22.
Rohlfing, John M., Plainfield, N. J., assignor to American Car and Foundry Company, New York, N. Y. Brake. 1,452,528; Apr. 24.
Rohlin, Karl W., Philadelphia, Pa., assignor to Warren Webster & Company, Camden, N. J. Combination regulating valve for feed-water heaters. 1,459,516; June 19.
Rohm & Haas Company. (See Kohn, Siegfried, assignor.)
Rohn, Curtis A., Portland, Oreg. Heating furnace. 1,455,267; May 15.
Rohne, Even J., Minneapolis, Minn. Tire vulcanizer. 1,453,889; May 1.
Rohner, Emil, Rheineck, Switzerland, and E. Simic, Vienna, Austria. Electric incandescent lamp. 1,449,627; Mar. 27.
Rohner, Philip B. (See Drees, Andrew A., assignor.)
Rohrbach, George C., Reading, Pa. Artificial bait. 1,444,390; Feb. 6.
Rohrback, George T., Buffalo, N. Y. Refrigerator car. 1,460,512; July 3.
Rohrer, Daniel, Spokane, Wash. Air cooling and purifying device for motor-drive tire pumps. 1,443,435; Jan. 30.
Rohrer, John W., Columbus, Ohio. Spring-pawl drive for stokers. 1,442,003; Jan. 9.
Rohrs, Frederick W., Baltimore, Md. Motor fuel. 1,460,767; July 3.
Rohwer, Carl F., Hot Springs, Ark. Facing for clutch jaws. 1,473,735; Nov. 13.
Rojas, Floricel A., New York, N. Y. Rheostat. 1,455,735; May 15.
Rojas, Floricel A., New York, N. Y. Rheostat. 1,458,500; June 12.

Rojas, Floricel A., New York, N. Y. Rheostat. 1,458,501; June 12.
Rolaff, Walter G. E., St. Louis, Mo. Self-aligning support for cylinder bearings of rotary machines. 1,441,375; Jan. 9.
Rolaff, Walter G. E., Belleville, Ill. Rotary compressor. 1,470,030; Oct. 9.
Rolfe Iron Company. (See Rolfe, Rial T., assignor.)
Rolfe, Miles, Vananda, Mont. Clothes boiler. 1,457,273; May 29.
Rolfe, Olive, executrix. (See Rolfe, Rial T.)
Rolfe, Rial T., deceased, by O. Rolfe, executrix, Harvey, assignor to Rolfe Iron Company, Chicago, Ill. Adjustable gate. 1,455,356; May 15.
Rolland, Edmond, Boulogne-sur-Seine, France. Automatically-working irrigation apparatus. 1,456,464; May 22.
Rollaway Motor Company, The. (See Sattler, Carl P., assignor.)
Rolle, Karl F. A., Vauxhall, assignor to C. A. Binder, Newark, N. J. Machine for making link mesh and similar fabric. 1,462,982; July 24.
Rollefson, Jacob W., Seattle, Wash. Toy. 1,462,660; July 24.
Roller, Frank W., East Orange, N. J., assignor to Roller-Smith Company. Measuring instrument. 1,456,517; May 29.
Roller Harrow Company. (See Schroeder, George G., assignor.)
Roller-Smith Company. (See Roller, Frank W., assignor.)
Roller-Smith Company. (See Smith, Herbert A., assignor.)
Roller-Smith Company. (See Spurrier, John R., assignor.)
Rolli, John, West Allis, Wis. Cultivator. 1,473,519; Nov. 6.
Rollins, Grant W., assignor to The Willys-Overland Company, Toledo, Ohio. Metal-working machine. 1,448,868; Mar. 20.
Rollman, Josiah R., Encampment, Wyo. Automatic vehicle-operated gate. 1,441,116; Jan. 2.
Rolls, Louis C., Hedley, British Columbia, Canada. Filter. 1,475,244; Nov. 27.
Rolls-Royce Limited. (See Hall, Horace C., assignor.)
Rolls-Royce Limited. (See Royce, Frederick H., assignor.)
Rolsky, Emanuel, Kansas City, Mo. Combination refrigerator and wall case. Des. 61,864; Jan. 30.
Rolup Screen Company. (See Guggenberger, Leopold, assignor.)
Rolzup Auto Robe Corporation. (See McKibbin, George C., assignor.)
Romadka, Clement F. (See Roth, S., and Romadka.)
Romain, George P. (See Poole, H., and Romain.)
Romaine, Wilber L., et al. (See Mallory, Marion, assignor.)
Roman, Alexander. (See Bunyevácz, Viktor, assignor.)
Roman, Anthony T., North Brookfield, Mass. Fan attachment for rockers. 1,475,160; Nov. 20.
Roman, Newman A., assignor of one-fourth to L. J. McKay and one-fourth to H. Hess, Deer Trail, Colo. Windmill wheel. 1,461,048; July 10.
Romanczuk, Frank. (See Czarniecki, Andrew J., assignor.)
Romandy, Joseph, Harmarville, Pa. Insulator for telephone and high-tension conductors. 1,475,722; Nov. 27.
Romano, Ernesto, New York, N. Y. Tape-feeding attachment for sewing machines. 1,465,000; Aug. 14.
Romano, Gaetano E. (See Burger, Martin, assignor.)
Romano, Vittorio N., Middlesex Borough, N. J. Composite wood and metal bearing. 1,442,445; Jan. 16.
Romanowitz, Charles M. (See Crouch, J., Hopfield, and Romanowitz.)
Romaszkiewicz, Mike, Mountaintop, Pa. Fence construction. 1,446,930; Feb. 27.
Romback, William L., Weston, W. Va. Combined fence post and stretcher. 1,475,884; Nov. 27.
Romberg, Heinrich, Dusseldorf, assignor to the Firm Rheinische Metallwaaren- und Maschinenfabrik, Dusseldorf-Derendorf, Germany. Recoil gun. 1,461,561; July 10.
Rome Iron Mills, Inc. (See Jenkins, Weston, assignor.)
Rome, Sam, Toronto, Ontario, Canada. Combination tool. 1,473,877; Nov. 13.
Römer, Adolf, Stuttgart, Germany. Obtaining tanning material from cellulose waste sulphite lyes. 1,441,243; Jan. 9.
Romig, Robert H., Anchorage, Alaska. Paper-fastening device. 1,476,420; Dec. 4.
Romney, Richard R. (See Patch, H. M., and Romney.)
Roncati, Joseph S., Los Angeles, Calif. Trolley wheel. 1,471,064; Oct. 16.
Ronders, John J., Monongah, W. Va. Railway switch. 1,463,227; July 31.
Ronders, John J., Monongah, W. Va. Switch point. 1,472,140; Oct. 30.
Roney, Alexander B., Chicago, Ill. Lever-controlled paddle-action flying machine. 1,450,454; Apr. 3.
Roney, Robert L., East Orange, N. J. Clip for fastening wire fence fabrics to posts, etc. 1,454,254; May 8.
Roney, Thomas F., Providence, R. I. Milk-bottle cap. 1,450,517; Apr. 3.
Roney, William F., Denver, Colo. Turning tool. 1,467,501; Sept. 11.
Roney, William W., Sewickley, assignor to H. H. Robertson Company, Pittsburgh, Pa. Apparatus for the manufacture of protected metal sheets. 1,465,563; Aug. 21.
Ronneberger, Benjamin F. (See Knapp, Edwin L., assignor.)
Ronning, Adolph. (See Ronning, Andreau G. and A.)
Ronning, Andreau G. and A., Minneapolis, Minn. Binder attachment. No. 1,440,496; Jan. 2.
Rood, Edward J., Webster City, Iowa. Feeding device. 1,469,961; Oct. 9.
Rood, Fletcher C., Walla Walla, Wash. Flushing mechanism. 1,467,454; Sept. 11.
Rood, Fletcher C., Walla Walla, Wash. Flushing mechanism for toilets. 1,471,920; Oct. 23.
Rood, William B., assignor to Otis Company, Ware, Mass. Undergarment. 1,457,752; June 5.
Rood, William B., assignor to Otis Company, Ware, Mass. Undergarment. 1,458,547; June 12.
Roof, Robert M., assignor to Laurel Motors Corporation, Anderson, Ind. Making divided bearings. 1,455,939; May 22.
Rook, James H., Chicago, Ill. Wrapper for candy-box covers. 1,450,230; Apr. 3.
Rooke, Thomas. (See Hatcher, E. C., and Rooke.)
Rooke, Tom E., assignor to The Johnson Gas Appliance Company, Cedar Rapids, Iowa. Air and gas mixing valve. 1,442,971; Jan. 23.
Rooke, Tom E., assignor to The Johnson Gas Appliance Company, Cedar Rapids, Iowa. Tinsmith's furnace. 1,448,944; Mar. 20.
Rooks, Luther E., Jackson, Tenn. Shipping container. 1,459,991; June 26.
Rooney, Elwin H., Providence, R. I. Cotton-cleaning machine. 1,461,562; July 10.
Rooney, Henry E. (See Burley, H. B., and Rooney.)
Rooney, John H., Clifton, N. J. Automatic lubricating system. 1,466,251; Aug. 28.
Rooney, John W., Dunedin, New Zealand. Clothes peg. 1,478,530; Dec. 25.
Rooney, Paul V., Morristown, N. J. Sound transmitter. 1,456,742; May 29.
Rooney, Philip P. (See Robertson, F. C., and Rooney.)
Rooney, William T., and H. P. Hume, Los Angeles, Calif. Front-wheel angle indicator. 1,471,209; Oct. 16.
Roos, Alphonse, Chicago, Ill. Adjustable serving stand. 1,466,191; Aug. 28.
Roos, Delmar G., assignor, by mesne assignments, to The Locomobile Company, Bridgeport, Conn. Fuel system for internal-combustion engines. 1,441,028; Jan. 2.
Roos, Delmar G., assignor, by mesne assignments, to The Locomobile Company, Bridgeport, Conn. Oiling device. 1,444,036; Feb. 6.
Roos, Delmar G., assignor to The Locomobile Company, Bridgeport, Conn. Distance and brake reaction rod construction for motor vehicles. 1,444,037; Feb. 6.
Roos, Delmar G., assignor, by mesne assignments, to The Locomobile Company, Bridgeport, Conn. Tire carrier. 1,445,913; Feb. 20.
Roos, Delmar G., assignor, by mesne assignments, to The Locomobile Company, Bridgeport, Conn. Spring shackle construction. 1,450,306; Apr. 3.
Roos, Delmar G., assignor, by mesne assignments, to the Locomobile Company, Bridgeport, Conn. Ventilating system. 1,452,313; Apr. 17.
Roos, Delmar G., assignor, by mesne assignments, to The Locomobile Company, Bridgeport, Conn. Engine. 1,467,251; Sept 4.
Roos, Hermann. (See Punga F., and Roos.)
Roose, Albert J., Lawrence, assignor to Draper Corporation, Hopedale, Mass. Feeler mechanism for looms. 1,458,311; June 12.
Roosevelt, Gracie H., Schenectady, N. Y., assignor to General Electric Company. System of electrical distribution. 1,460,213; June 26.
Roosevelt, James A. and L. C., San Antonio, Tex. Filter. 1,471,807; Oct. 23.
Roosevelt, Lloyd C. (See Roosevelt, James A. and L. C.)
Root, A. I., Company, The. (See Wilder, Gardner H., assignor.)
Root, Francis H., Watertown, N. Y. Differential mechanism. 1,446,069; Feb. 20.
Root, Chapman J. (See Miller, Edward, assignor.)
Root, Chapman J., Terre Haute, Ind. Bottle. Des. 63,198; Oct. 30.
Root, Chapman J., Terre Haute, Ind. Bottle. Des. 63,200; Oct. 30.
Root, Chapman J., Terre Haute, Ind. Bottle. Des. 63,238; Nov. 6.
Root, Chapman J., Terre Haute, Ind. Bottle. Des. 63,239; Nov. 6.
Root, Chapman J., Terre Haute, Ind. Bottle. Des. 63,240; Nov. 6.
Root, Chapman J., Terre Haute, Ind. Bottle. Des. 63,324; Nov. 20.
Root, Chapman J., Terre Haute, Ind. Bottle. Des. 63,325; Nov. 20.
Root, Chapman J., Terre Haute, Ind. Bottle. Des. 63,326; Nov. 20.
Root, Chapman J., Terre Haute, Ind. Bottle. Des. 63,588; Dec. 18.
Root, Chapman J., Terre Haute, Ind. Bottle. Des. 63,657; Dec. 25.

Root, L., New York, N. Y., assignor to Scovill Manufacturing Company. Powder box. 1,460,864; July 3.
Root, Lemma J., Seattle, Wash. Fluid brake. 1,471,921; Oct. 23.
Root, Le Roy, Brooklyn, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Lip-stick container. 1,461,680; July 10.
Root, Virgil A., Springfield, Mass., assignor to Baush Machine Tool Company. Multiple-spindle drill. 1,477,851; Dec. 18.
Root, William R., Terre Haute, Ind. Bottle. Des. 63,199; Oct. 30.
Roots, P. H. & F. M., Company. (See Oakley, Louis P., assignor.)
Rope, Arthur E., Brooklyn, N. Y. Association vanity box. 1,453,249; Apr. 24.
Rope, Arthur E., Brooklyn, N. Y. Valve. 1,467,816; Sept. 11.
Roper, Charles H., assignor to Hood Rubber Company, Watertown, Mass. Tire. Des. 63,327; Nov. 20.
Roper, Geo. D., Corporation. (See Zander, John, assignor.)
Ropp, Abner, Vandalia, Ill. Rail-joint-securing means. 1,446,320; Feb. 20.
Ropp, Frank A., Smithton, Pa. Wire splicer. 1,453,524; May 1.
Roquette, José C. F., assignor to M. De Ortigao Burnay, Paris, France. Thermostatic circuit closer. 1,457,939; June 5.
Roragen, Raymond W., and E. O. Olson, Ada, Minn. Kitchen-utensil rack. 1,449,698; Mar. 27.
Rorimer, Louis, Cleveland, Ohio, assignor to Simmons Company, Kenosha, Wis. Bedstead frame. Des. 62,245; Apr. 24.
Rorive, Leopold, Brussels, Belgium. Automatic stopping device for pneumatic tools. 1,453,252; Apr. 24.
Rork, Charles E., and A. Sandberg, Douglas, Ariz., assignors to W. A. Butchart, Denver, Colo. Flotation machine. 1,454,656; May 8.
Ros, James G. (See Martus, M. L., Ross, and Becker.)
Rosacker, Max F., Mount Penn, Pa. Arm for lighting fixtures. Des. 62,646; July 10.
Rosak, Karl, Berlin, Germany, assignor to Schnellwerkzeug Gesellschaft mit beschränkter Haftung (Briesen). Grinding machine. 1,473,520; Nov. 6.
Rosanoff Process Company. (See Perkins, Harry F., assignor.)
Rosbach, Leonard J., Brooklyn, N. Y. Centering device. 1,460,279; June 26.
Rose, Arthur F. (See Crisson, G., and Rose.)
Rose, Baron, Halesowen, England. Breech-loading sporting gun and the manufacture thereof. 1,467,502; Sept. 11.
Rose, Basil, Louisa, Ky. Sucker-rod elevator and wrench. 1,473,684; Nov. 13.
Rose, Bruce E., and G. Woolwine, Modesto, Calif. Scraper. 1,460,340; June 26.
Rose, Charles B., East Moline, assignor, by mesne assignments, to Moline Plow Company, Incorporated, Moline, Ill. Tractor attachment. 1,472,888; Nov. 6.
Rose, David C., Fort Montgomery, N. Y. Emergency wheel lock. 1,469,269; Oct. 2.
Rose, Donald A., Berkeley, Calif. Fixture device. 1,475,885; Nov. 27.
Rose, Elias B., Portland, Oreg. Air-gauged filler vent. 1,466,483; Aug. 28.
Rose, George D., Manchester, England. Steering wheel and forming the same. 1,474,167; Nov. 13.
Rose, George H., Ben Avon, Pa., assignor to The American Steel and Wire Company of New Jersey. Conveyer. 1,447,326; Mar. 6.
Rose, Henry W., Victoria, Tex. Oil reclaimer and purifier. 1,475,086; Nov. 20.
Rose, Howard C., and A. Oberhoffken, Detroit, Mich., assignors to Ingersoll Milling Machine Company, Rockford, Ill. Circular-milling machine. 1,461,097; July 10.
Rose, Howard C., and A. Oberhoffken, Detroit, Mich., assignors to Ingersoll Milling Machine Company, Rockford, Ill. Milling machine. 1,461,098; July 10.
Rose, Jacob B., assignor to The Osborn-Crew Manufacturing Company, Cleveland, Ohio. Supporting device. 1,461,938; July 17.
Rose, James R. (See Harris, John, assignor.)
Rose, John F., Moline, Ill. Automatic bearing adjuster. 1,453,184; Apr. 24.
Rose, Leonard F., San Francisco, Calif., assignor to Netograph Company, Inc. Multicopy attachment for typewriters. 1,443,505; Jan. 30.
Rose, Raymond, New Brighton, Pa. License-tag holder. 1,454,413; May 8.
Rose Street Foundry and Engineering Company Limited, The. (See Hadley, Cecil A., assignor.)
Rose, Theodore F., jr., Collingswood, N. J. Sound-cut-off device. 1,476,301; Dec. 4.
Rose, Thomas R. (See Benson, L. E., and Rose.)
Rose, Wilber S., Denver, Colo. Guard for automobile ignition switches. 1,464,854; Aug. 14.
Rose, William F. M., Bristol, England. Device for supplying oil to internal-combustion engines. 1,440,554; Jan. 2.
Rose, William H., Jersey City, N. J. Apparatus for bringing gases in contact with liquids. 1,442,414; Jan. 16.
Rose, William H., Jersey City, N. J. Package closure. 1,443,043; Jan. 23.
Rose, William H., Jersey City, N. J. Container. 1,470,031; Oct. 9.
Rose, William H., Jersey City, N. J. Container. 1,470,032; Oct. 9.
Rose, William H., Jersey City, N. J., assignor of one-half to H. S. Neiman, New York, N. Y. Phonograph record. 1,455,886; May 22.
Rose, William H., Jersey City, N. J., assignor of one-half to H. S. Neiman, New York, N. Y. Smoking device. 1,464,540; Aug. 14.
Roseboom, Alfred B., Chicago, Ill. Tobacco moistener. 1,470,880; Oct. 16.
Rosebush, Fred J. (See Rosebush, Louis and F. J.)
Rosebush, Louis and F. J., Flint, Mich. Demountable rim. 1,467,881; Sept. 11.
Rosedale Foundry & Machine Company. (See Holt, Harris B., assignor.)
Rosel, Charles, Newark, Ohio. Hedge and grass trimmer. 1,474,916; Nov. 20.
Rosella Mills Inc., The. (See Poulin, Hector L. and U. A., assignors.)
Rosen, Abraham W., New York, N. Y. Electrical switch. 1,471,210; Oct. 16.
Rosen, Harry R., et al. (See Richards, Thomas E., assignor.)
Rosen, Meyer, assignor to The Cushion Handle Bar Co., Bloomington, Ill. Cushioning device for the handle bars of motor cycles, bicycles, and like vehicles employing handle bars. 1,468,835; Sept. 25.
Rosen, Nathan, New York, N. Y. Lamp reflector. 1,466,484; Aug. 28.
Rosen, Samuel, Utica, N. Y. Curtain holder. 1,441,173; Jan. 2.
Rosenbaum, Harry, New York, N. Y. Dishwashing apparatus. Re15,670; Aug. 7.
Rosenbaum, Harry, New York, N. Y. Dishwashing apparatus. 1,477,903; Dec. 18.
Rosenberg, Arthur, et al., trustees. (See Rosenberg, Arthur, assignor.)
Rosenberg, Arthur, New York, assignor to M. J. Wohl, Brooklyn, M. Mayer, and A. Rosenberg, New York, N. Y., trustees. Variable-speed feeding mechanism. 1,442,236; Jan. 16.
Rosenberg, David L., Dorchester, Mass. Bloomers. 1,445,802; Feb. 20.
Rosenberg, Heyman, New York, N. Y. Tool handle. 1,453,082; Apr. 24.
Rosenberg, Heyman, New York, N. Y. Screw. 1,465,148; Aug. 14.
Rosenberg, Irving, East Orange, N. J. Measuring and cutting device. 1,462,871; July 24.
Rosenberg, James, Cleveland, Ohio. Device for printing intersecting lines. 1,441,174; Jan. 2.
Rosenberg, James, Cleveland, Ohio. Device for printing intersecting lines. 1,451,475; Apr. 10.
Rosenberg, Joseph, Chicago, Ill. Combination floor lamp, table lamp, and pedestal. 1,456,194; May 22.
Rosenberg, Jules H. (See Hafer, M. L., and Rosenberg.)
Rosenberg, Louis, New York, N. Y. Covered button. 1,475,723; Nov. 27.
Rosenberg, Morris, Warren, Ohio. Bed corner. 1,458,245; June 12.
Rosenberg, Philip R., and R. Herman, Baltimore, Md. Advertising lamp. 1,443,931; Jan. 30.
Rosenberg, Samuel, assignor to Reliable Knitting Works, Milwaukee, Wis. Knitted cap and making the same. 1,475,653; Nov. 27.
Rosenberg, William. (See Reckleff, J. and Rosenberg.)
Rosenberg, William, and J. Moss, assignors of one-fourth to J. Sydor and one-fourth to J. Spiegel, Alliance, Ohio. Lifting jack. 1,443,326; Jan. 23.
Rosenberger, Lyman S., Philadelphia, Pa. Soap dispenser. 1,467,951; Sept. 11.
Rosenblatt, Hannah, Manila, P. I. Message carrier. 1,469,110; Sept. 25.
Rosenblatt, Isidor, Brooklyn, N. Y. Lighting-fixture arm. Des. 63,658; Dec. 25.
Rosenbloom, Samuel, Lowell, Mass. Auxiliary spring attachment for spring bed bottoms. 1,463,295; July 31.
Rosenblum, Albert M., Chicago, Ill. Artificial tooth with anchoring means therefor. 1,471,754; Oct. 23.
Rosenblum, Charles. (See Krischer, M., and Rosenblum.)
Rosenbluth, Edwin M. (See Scoville, Royal L., assignor.)
Rosenbluth, Edwin M., Wallingford, Pa. Signaling device. 1,451,345; Apr. 10.
Rosenbluth, Edwin M., Wallingford, Pa. Acetylene-gas generator. 1,477,852; Dec. 18.
Rosenbrook, Freddie V., Chicago, Ill. Combined fender and spare-tire holder for vehicles. 1,458,727; June 12.
Rosenburg & Co. (See Hollins, W. C., and Arrousez, assignors.)
Rosenburgh, Durwood D. (See Stalker, F. W., and Rosenburgh.)
Rosendahl, Nils M., assignor of one-half to S. G. Stevens, Duluth, Minn. Trap. 1,458,630; June 12.
Rosener, Leland S., San Francisco, Calif. Coaling barge. 1,443,044; Jan. 23.
Rosener, Leland S., San Francisco, Calif. Barge-unloading mechanism. 1,443,045; Jan. 23.
Rosener, Leland S., San Francisco, Calif. Apparatus for unloading barges. 1,462,627; July 24.

Rosenfeld, Louis, Baltimore, Md. Measuring and dispensing apparatus. 1,470,330; Oct. 9.
Rosenfield, Joseph L., Alameda, Calif. Peanut butter and manufacturing the same. 1,445,174; Feb. 13.
Rosenfield, Manuel, Alameda, Calif. Juice extractor. 1,474,849; Nov. 20.
Rosengren, Ed, et al., trustees. (See Paul, Christian F., jr., assignor.)
Rosenkranz, Hugo E., assignor to Oshkosh Lowering Device Co., Oshkosh, Wis. Grinding device. 1,464,219; Aug. 7.
Rosenman, Leo, Newark, N. J. Fastener strip. 1,445,450; Feb. 13.
Rosenthal China Corporation, The. (See Fiek, Walter H., assignor.)
Rosenthal, Edward, Brooklyn, N. Y. Universal-joint connecting rod. 1,456,577; May 29.
Rosenthal, Harry, New York, N. Y. Uniting glass and celluloid. 1,478,862; Dec. 25.
Rosenthal, Herman, New York, N. Y. Coat hanger. 1,444,525; Feb. 6.
Rosenthal, Morris G., assignor of one-half to F. E. Klein, Cincinnati, Ohio. Laundry tag. 1,471,284; Oct. 16.
Rosenwasser Bros. Inc. (See Piaser, Abraham, assignor.)
Rosenzweig, Julius, New York, N. Y. Adjustable attachment for caps. 1,445,451; Feb. 13.
Rosete, Francisco, Tulancingo, Hidalgo, Mexico. Single-tube tire. 1,444,706; Feb. 6.
Roseth Corporation. (See Rottman, George, assignor.)
Roshon, Charles O. (See Goss, G. W., Goss, and Roshon.)
Rosier, Henry, Lowell, Mass. Folding revolver. 1,454,454; May 8.
Rosier, Royal D. (See Watkins, Joseph B., assignor.)
Rosillo, José G., Mexico, Mexico. Vehicle wheel. 1,467,334; Sept. 11.
Rosine, Conrad, assignor of one-half to W. Robertson, Chicago, Ill. Fan. 1,457,125; May 29.
Roske, Paul C. (See Luttrell, P. S., and Roske.)
Roskopf, Frank W., Melbourne, Iowa. Crank holder. 1,444,007; Feb. 6.
Roslund, Walter, assignor to The American Coach and Body Company, Cleveland, Ohio. Vehicle window and guard. 1,470,764; Oct. 16.
Rosner, Adolph, assignor, by mesne assignments, to The Locomobile Company, Bridgeport, Conn. Fuel system for internal-combustion engines. 1,444,852; Feb. 13.
Rosner, Adolph, assignor, by mesne assignments, to The Locomobile Company, Bridgeport, Conn. Fuel system for internal combustion engines. 1,451,631; Apr. 10.
Rosner, Adolph, assignor, by mesne assignments, to The Locomobile Company, Bridgeport, Conn. Battery ignition system. 1,456,880; May 29.
Rosner, Adolph, assignor to American Bosch Magneto Corporation, Springfield, Mass. Impulse coupling. 1,464,663; Aug. 14.
Rosner, Adolph, assignor to American Bosch Magneto Corporation, Springfield, Mass. Driving attachment for magnetos. 1,468,883; Sept. 25.
Rosner, Adolph, assignor to American Bosch Magneto Corporation, Springfield, Mass. Trip lever for oscillating magnetos. 1,470,933; Oct. 16.
Rosner, Rudolf, assignor, by mesne assignments, to Simplex Ignition Corporation, Chicago, Ill. Igniter. 1,458,548; June 12.
Rosow, Morris. (See Schmid, F., and Rosow.)
Ross, Arthur, London, England. Water-tube boiler. 1,475,411; Nov. 27.
Ross, Benjamin, Brooklyn, N. Y. Heel cushion for boots and shoes. Des. 62,591; June 26.
Ross, Bestiane D., Brockwayville, Pa. Gate operating and locking mechanism. 1,468,081; Sept. 18.
Ross Carrier Company, The. (See Ross, Harry B., assignor.)
Ross, Charles A., San Pedro, Calif. Internal-combustion engine. 1,476,547; Dec. 4.
Ross, Charles J., Oakland, Calif. Doll. Des. 62,920; Aug. 21.
Ross, Charles M. (See Church, Charles S., assignor.)
Ross, Charles R., assignor of one-half to W. D. Kline, Kansas City, Mo. Portable grinder. 1,464,728; Aug. 14.
Ross Clyde P., Chicago, Ill. Combined coal and cinder hoist. 1,468,606; Sept. 18.
Ross, David E., La Fayette, Ind. Bevel-gear transmission gearing. 1,464,777; Aug. 14.
Ross, David E., La Fayette, Ind. Variable-speed transmission gearing. 1,469,333; Oct. 2.
Ross, David E., assignor to Ross Gear & Tool Company, La Fayette, Ind. Steering-wheel hub and spoke. 1,442,539; Jan. 16.
Ross, David E., assignor to Ross Gear & Tool Company, La Fayette, Ind. Hydraulic steering gear. 1,442,540; Jan. 16.
Ross, David E., assignor to Ross Gear & Tool Company, La Fayette, Ind. Road-shock-regulating device for steering gears. 1,447,042; Feb. 27.
Ross, David E., assignor to Ross Gear & Tool Company, La Fayette, Ind. Antirattling bushing. 1,460,513; July 3.
Ross, Edwin, assignor to Woodworth Incorporated, New York, N. Y. Vanity box. Des. 63,005; Sept. 4.
Ross, Edwin, assignor to Woodworth Incorporated, New York, N. Y. Vanity box. Des. 63,495; Dec. 11.
Ross, Frank, et al. (See Zweig, H., and Schneiderman, assignors.)
Ross, Frank A., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Vehicle lamp. Des. 63,659; Dec. 25.
Ross, Frank V., Indianapolis, Ind. Mounting for floral decorations. 1,478,487; Dec. 25.
Ross, Frederick M., Cincinnati, Ohio. Automobile lock. 1,448,945; Mar. 20.
Ross, Frederick N., assignor to Button Attaching Machine Company, Detroit, Mich. Button. 1,455,357; May 15.
Ross, Frederick N., assignor to Button Attaching Machine Company, Detroit, Mich. Button. 1,465,949; Aug. 28.
Ross Gear & Tool Company. (See Ross, David E., assignor.)
Ross, George, Lorain, Ohio. Rubber heel. Des. 63,041; Sept. 18.
Ross, George and M. J., San Francisco, Calif. Sector spacer. 1,467,395; Sept. 11.
Ross, Harry B., Denver, Colo. Washing machine. 1,452,097; Apr. 17.
Ross, Harry B., assignor to the Fjord Company, Denver, Colo. Washing and drying machine. 1,452,096; Apr. 17.
Ross, Harry B., assignor to The Ross Carrier Company, Benton Harbor, Mich. Differential steering gear. 1,472,940; Nov. 6.
Ross, Henry I. M., Dunedin, New Zealand. Building construction. 1,478,917; Dec. 25.
Ross, Herbert O., St. Louis, Mo. Rack or file for correspondence and the like. 1,449,194; Mar. 20.
Ross, Herbert O., St. Louis, Mo. Rack or file for correspondence and the like. 1,449,195; Mar. 20.
Ross, Hollis R., Buffalo, N. Y. Toy airplane. 1,470,934; Oct. 16.
Ross, Hugh M., Woodhaven, assignor to Adriance Machine Works, Inc., Brooklyn, N. Y. Bottle-sealing apparatus. 1,445,717; Feb. 20.
Ross, Hugh M., Woodhaven, assignor to Adriance Machine Works, Inc., Brooklyn, N. Y. Machine for operating on sheet material. 1,445,718; Feb. 20.
Ross, Hugh M., Woodhaven, assignor to Adriance Machine Works, Inc., Brooklyn, N. Y. Seaming machine. 1,469,334; Oct. 2.
Ross, James, assignor to Advance-Rumely Company, Laporte, Ind. Differential for motor vehicles. 1,440,555; Jan. 2.
Ross, James, assignor to Advance-Rumely Company, Laporte, Ind. Drive-wheel-locking device. 1,446,484; Feb. 27.
Ross, James, assignor to Advance-Rumely Company, Laporte, Ind. Transmission case. 1,447,266; Mar. 6.
Ross, James, assignor to Advance Rumely Company, Laporte, Ind. Drive-wheel-locking device. 1,451,406; Apr. 10.
Ross, James, assignor to Advance-Rumely Company, Laporte, Ind. Adjustable front axle. 1,453,525; May 1.
Ross, James, assignor to Advance-Rumely Company, Laporte, Ind. Tractor-frame construction. 1,463,593; July 31.
Ross, James A., Halifax, Nova Scotia, Canada. Game. 1,464,047; Aug. 7.
Ross, James A., Upper Holloway, London, England. Hydraulic jack. 1,465,365; Aug. 21.
Ross, James A., Halifax, Nova Scotia, Canada. Curling game. 1,476,369; Dec. 4.
Ross, James G., Seattle, Wash. Direction signal. 1,449,297; Mar. 20.
Ross, James G., Seattle, Wash. Mirror attachment for automobiles. 1,455,225; May 15.
Ross, James J. (See Mann, Mitchell R., assignor.)
Ross, John, Philadelphia, Pa. Discharging conveyer. 1,462,126; July 17.
Ross, John H., Toronto, Ontario, Canada. Electric heater. 1,447,043; Feb. 27.
Ross Manufacturing Company, The. (See Bartlett, William D., assignor.)
Ross, Marion J., Lynbrook, N. Y., and G. T. Atkinson, Philadelphia, Pa. Sidewalk door. 1,457,274; May 29
Ross, Mark A., Flossmoor, assignor of one-half to H. P. Bayley, Chicago, Ill. Bearing. 1,450,307; Apr. 3.
Ross, Mark A., Flossmoor, assignor of one-half to H. P. Bayley, Chicago, Ill. Bearing. 1,450,308; Apr. 3.
Ross, Mark A., Flossmoor, assignor of one-half to H. P. Bayley, Chicago, Ill. Bearing. 1,450,309; Apr. 3.
Ross, Matt F., Windfall, Ind. Front-wheel drive for motor vehicles. 1,447,572; Mar. 6.
Ross, Maurice J. (See Ross, George and M. J.)
Ross, Oscar A., New York, N. Y. Synchronized machine gun for airplanes. 1,454,137; May 8.
Ross, Paul G., Poultney, Vt. Container. 1,464,395; Aug. 7.
Ross, Percy, Liverpool, England. Indirect lighting. 1,471,922; Oct. 23.
Ross, Robert B. (See Bowen, G. G., Duley, and Ross.)
Ross Santa Maria, Camilo, Paris, France. Tennis racket with variable tension of cords. 1,476,906; Dec. 11.
Ross, Secord M. (See Price, Arthur R., assignor.)
Ross-Tacony Crucible Company. (See Danehower, Frank B., assignor.)

Ross, Thomas D., Dallas, Tex. Cotton cleaner. 1,442,736; Jan. 16.
Ross, Torey, Chicago, Ill. Time recorder. 1,444,211; Feb. 6.
Ross, Walter F., Detroit, Mich. Drill. 1,475,514; Nov. 27.
Ross, William E., Chicago, Ill. Cloth-surfacing device. 1,468,403; Sept. 18.
Ross, William H. (See Hazen, W., and Ross.)
Ross, William H., and W. Hazen, Washington, D. C. Commercial preparation of potassium phosphate. 1,456,831; May 29.
Ross, William H., C. B. Durgin, and R. M. Jones, Washington, D. C.; dedicated, by mesne assignments, to the People of the United States. Purification of commercial phosphoric acid by crystallization. 1,451,786; Apr. 17.
Ross, William L., Jersey City, N. J. Building construction. 1,464,445; Aug. 7.
Rossberg, Albert W., St. Paul, Minn. Hair curler. 1,455,148; May 15.
Rossendale-Reddaway Belting & Hose Co., The. (See Cobaugh, Harry A., assignor.)
Rosser, William, assignor to The Cleveland Dental Manufacturing Company, Cleveland, Ohio. Dental mallet. Des. 62,921; Aug. 21.
Rossignol, Aaron T., Washington, D. C., assignor, by mesne assignments, to J. Page Laughlin Holdings Company, Huntingdon, Pa. Reamer. 1,470,545; Oct. 9.
Rosskam, Lester G., assignor to Quaker City Chocolate & Confectionery Company, Philadelphia, Pa. Box. Des. 63,042; Sept. 18.
Rossman, Allen M., assignor to Sargent & Lundy, Incorporated, Chicago, Ill. Electric power-generating system. 1,456,652; May 29.
Rossman, Allen M., assignor to Sargent & Lundy, Incorporated, Chicago, Ill. Bus structure. 1,473,385; Nov. 6.
Rosso, Emaline T., Columbus, Ohio. Decorated elastic strip. 1,444,391; Feb. 6.
Rostin, Heliodor, Vallo, Norway. Treatment of hydrocarbons. 1,451,052; Apr. 10.
Roszell, James D. (See Cloud, William S., assignor.)
Rotary Manufacturing Co. (See Jones, Howard B., assignor.)
Rotary Rod Weeder & Mfg. Co. (See Wolfe, Henry K., assignor.)
Rotary Spreader. (See Bailey, James G., assignor.)
Rotat, Pierre, Lyon, France. Device for regulating the adjustment of tools on machine tools. 1,444,481; Feb. 6.
Rote, Charles V., assignor of one-half to E. W. Brown, Lancaster, Pa. Pull mechanism for railway cars. 1,451,178; Apr. 10.
Rotermund, William F., Seattle, Wash. Rotary pump. 1,442,828; Jan. 23.
Roth, Arthur J., assignor to James H. Rhodes & Company, Chicago, Ill. Steel-wool-making machine. 1,462,181; July 17.
Roth, Charles H. (See Coyle, J. A., and Roth.)
Roth, Edward W., Hartford, Conn. Laundry drier. 1,469,962; Oct. 9.
Roth, Emery, Chicago, Ill. Heat-treating method of rendering metals ductile. 1,450,734; Apr. 3.
Roth, Fritz P., New York, N. Y. Toasting machine. 1,443,242; Jan. 23.
Roth, Harry, Detroit, Mich. Photograph-display cabinet. 1,451,029; Apr. 10.
Roth, Isidor, Brooklyn, N. Y., assignor to Benjamin & Johnes. Corset and similar garment. 1,469,335; Oct. 2.
Roth, Julius J., sr., New York, N. Y. Motor vehicle. 1,473,444; Nov. 6.
Roth, Louis, assignor to Sterling Bronze Company, New York, N. Y. Operating means for sash adjusters. 1,452,616; Apr. 24.
Roth, Louis, assignor to C. F. Kinsman, New York, N. Y. Lamp fixture for beds and the like. 1,462,498; July 24.
Roth, Pedro, Buenos Aires, Argentina. Automatic valve. 1,461,404; July 10.
Roth, Peter O., New York, N. Y. Boiler and heater. 1,460,280; June 26.
Roth, René, assignor to Societe Alsacienne de Constructions Mecaniques, Mulhouse (Haut-Rhin), France. Spinning mule. 1,475,318; Nov. 27.
Roth, Stanley, and C. F. Romadka, Milwaukee, Wis. Phonograph cabinet. Des. 63,197; Oct. 30.
Rothacher, Frederick J., Minneapolis, Minn. Rubber attachment. 1,464,342; Aug. 7.
Rothberg, Pincus, Summit, N. J., and A. P. Sachs, New York, N. Y. Varnish. 1,448,869; Mar. 20.
Rothe, Paul R., Chicago, Ill. Hollow-stem suction valve. 1,462,519; July 24.
Rothenberger, Daniel M., Leesport, assignor of one-third to W. M. Fryermuth and one-third to E. P. Wanner, Reading, Pa. Resilient tire. 1,440,699; Jan. 2.
Rothermel, Curtis J., Philadelphia, Pa. Flat or round wire tightener. 1,475,245; Nov. 27.
Rothermel, Curtis J., Philadelphia, Pa. Bale tie. 1,475,246; Nov. 27.
Rothkirch, Herman, New York, N. Y. Phonograph. 1,458,596; June 12.
Rothkowitz, Isaiah, assignor of one-half to J. Rothkowitz, New York, N. Y. Brassière. 1,454,790; May 8.
Rothkowitz, Joseph. (See Rothkowitz, Isaiah, assignor.)
Rothschild, Marcus, assignor to Rice Import Company, Inc., New York, N. Y. Fan. 1,478,399; Dec. 25.
Rothschild, Max, assignor to Susquehanna Silk Mills, New York, N. Y. Textile fabric. Des. 62,460; June 5.
Rothschild, Max, New York, N. Y., assignor to Susquehanna Silk Mills. Textile fabric. Des. 63,084; Oct. 2.
Rothstein, Samuel E. (See Nikander, August, assignor.)
Roto Company, The. (See Staley, Harrison L., assignor.)
Roto Pump Mfg. Co. (See Ruttledge, William L., assignor.)
Rotstein, Morris, and R. Nicholson, Vicksburg, Miss. Camp stove. 1,464,271; Aug. 7.
Rottel, Herman W., Milwaukee, Wis. Cooling mechanism for compressors. 1,467,503; Sept. 11.
Rottenburg, Henry, Cambridge, England. Blotting appliance. 1,462,943; July 24.
Rotter, Theodore, assignor of one-half to J. Custer, Detroit, Mich. Player-piano reroll mechanism. 1,478,456; Dec. 25.
Rottman, George, New York, N. Y. Hanger for mothproof bags. 1,456,610; May 29.
Rottman, George, New York, assignor to Roseth Corporation, Brooklyn, N. Y. Dustproof and mothproof bag. 1,461,049; July 10.
Rouanet, Louis, Ivry-Port, assignor to Compagnie d'Applications Mecaniques, Paris, France. Roller bearing. 1,458,954; June 19.
Rouanet, Louis, Ivry-Port, assignor to Compagnie d'Applications Mecaniques, Paris, France. Gauge. 1,471,211; Oct. 16.
Rouanet, Louis, assignor to Compagnie d'Applications Mecaniques, Ivry Port, Seine, France. Detachable wheel. 1,477,079; Dec. 11.
Roubique, Francis B., Napoleonville, La. Combined planter and fertilizer distributor. 1,457,230; May 29.
Rouchaud, Charles. (See Lamassiaude, J., and Rouchaud.)
Rouchaud, Fernand. (See Lamassiaude, J., and Rouchaud.)
Roučka, Erich, Blansko, Czechoslovakia. Device for transmitting positions of indicating organs. 1,476,183; Dec. 4.
Roučka, Osvald, Rohatec, Czechoslovakia. Manufacture of cement articles and of reinforced concrete members and the like. 1,446,213; Feb. 20.
Rough, Stuart B. (See Hager, Everett G., assignor.)
Roulet, Norman L., Toledo, Ohio. Pin, button, badge, emblem, or article of similar nature. Des. 62,504; June 12.
Round, Henry J., London, England, assignor to The Radio Corporation of America, New York, N. Y. Transmitter for telephony. 1,441,029; Jan. 2.
Round, Henry J., London, England, assignor to Radio Corporation of America. Wireless transmitting station. 1,452,849; Apr. 24.
Round, Henry J., London, England, assignor to Radio Corporation of America. Receiver for wireless telegraphy. 1,472,092; Oct. 30.
Round, Henry J., London, England, assignor to The Radio Corporation of America, New York, N. Y. Apparatus for wireless telegraphy and telephony. 1,474,382; Nov. 20.
Rounds, Edward W., Washington, D. C. Speed indicator for aeroplanes. 1,444,886; Feb. 13.
Rounds, Edward W., Washington, D. C. Landing gear for aeroplanes. 1,451,117; Apr. 10.
Rounseville, Luca H., assignor to C. A. Marsh & Company, Attleboro, Mass. Buckle. 1,472,250; Oct. 30.
Rountree, H. W., & Brother Trunk & Bag Company. (See Rountree, Henry W., assignor.)
Rountree, Henry W., assignor to H. W. Rountree & Brother Trunk & Bag Company, Incorporated, Richmond, Va. Combined follower and ironing board. 1,456,832; May 29.
Rountree, Henry W., assignor to H. W. Rountree & Brother Trunk & Bag Co., Richmond, Va. Wardrobe-trunk lock. 1,471,419; Oct. 23.
Rountree, Henry W., assignor to H. W. Rountree & Brother Trunk & Bag Company, Incorporated, Richmond, Va. Wardrobe trunk. 1,476,845; Dec. 11.
Rouprich, James W., Washington, D. C. Resilient wheel. 1,459,992; June 26.
Rouse, Ernest E., Newquay, England. Water heater. 1,446,518; Feb. 27.
Rouse, Frederick A., Webster City, Iowa. Combined bed, chair, and rack for automobiles. 1,442,972; Jan. 23.
Rouse, Harry L., Rochester, N. Y. Camp stove. 1,466,343; Aug. 28.
Roush, Eli S., Lynchburg, Ohio. Cultivator. 1,452,442; Apr. 17.
Roush, Emerson E., Goodland, Kans. Combination lock and key. 1,476,370; Dec. 4.
Roussan, Paul E. H., Paris, France. Application of the bark (suber) of melaleuca leucadendron to thermic, hydraulic, and dielectric devices. 1,453,185; Apr. 24.
Rousseau, George E. C., Sacramento, Calif., assignor to Rousseau Gold Washing Machine Company. Gold-washing machine. 1,478,761; Dec. 25.
Rousseau Gold Washing Machine Company. (See Rousseau, George E. C., assignor.)
Rousset, Jules, Nogent-sur-Marne, France. Artificial textile filament and making same. 1,464,048; Aug. 7.

Alphabetical list of patentees—Continued.

Rousso, Jacques, Los Angeles, Calif. Counting device. 1,463,910; Aug. 7.
Rouston, Grace D., administratrix. (See Rouston, William H.)
Rouston, William H., deceased, Detroit, Mich.; G. D. Rouston, administratrix. Centrifugal extractor. 1,460,142; June 26.
Router Manufacturing Company, The. (See Casey, William P., assignor.)
Routin, Joseph L., Paris, France. Electrical apparatus for indicating and repeating movements at a distance. 1,471,708; Oct. 23.
Routson, Howard W., Oakland, Calif. Cleaning stick. 1,460,607; July 3.
Routt, Orville L., Los Angeles, Calif. Making wall board. 1,459,264; June 19.
Rouvier, Arturo Elizalde, Barcelona, Spain. Brake for automobiles. 1,478,257; Dec. 18.
Roux, Max, Berlin, Germany. Illuminating device for use in connection with magnetic compasses of submarine vessels. 1,456,679; May 29.
Rovere, Lewis H. (See Janson, G. W., and Rovere.)
Row & Davis, Engineers, Inc. (See Mills, B., Row, and Davis, assignors.)
Row, Reuben R. (See Mills, B., Row, and Davis.)
Rowan, Harry B., North Attleboro, Mass., assignor to Whiting & Davis Company. Mesh bag. Des. 62,415; May 22.
Rowan, Harry B., North Attleboro, Mass., assignor to Whiting & Davis Company. Mesh bag. Des. 62,621; July 3.
Rowan, Harry B., North Attleboro, Mass., assignor to Whiting & Davis Company. Mesh bag. Des. 62,622; July 3.
Rowan, Harry B., North Attleboro, Mass., assignor to Whiting & Davis Company. Mesh bag. Des. 62,647; July 10.
Rowan, Harry B., North Attleboro, Mass., assignor to Whiting & Davis Company. Mesh bag. Des. 63,043; Sept. 18.
Rowan, Harry B., North Attleboro, Mass., assignor to Whiting & Davis Company. Mesh bag. Des. 63,044; Sept. 18.
Rowan, Harry B., North Attleboro, Mass., assignor to Whiting & Davis Company. Mesh bag. Des. 63,085; Oct. 2.
Rowan, Harry B., North Attleboro, Mass., assignor to Whiting & Davis Company. Mesh bag. Des. 63,086; Oct. 2.
Rowan, Harry B., North Attleboro, Mass., assignor to Whiting & Davis Company. Mesh bag. Des. 63,087; Oct. 2.
Rowan, Harry B., North Attleboro, Mass., assignor to Whiting & Davis Company. Mesh bag. Des. 63,088; Oct. 2.
Rowan, Harry B., North Attleboro, Mass., assignor to Whiting & Davis Company. Mesh bag. Des. 63,241; Nov. 6.
Rowan, John C., South Atlanta, assignor of one-half to W. Dobbs, Atlanta, Ga. Spark plug. 1,460,983; July 3.
Rowan, Robert C. (See Stronach, H. S., and Rowan.)
Rowan, Thomas J., New Castle, Pa. Protector for percussion tools. 1,441,117; Jan. 2.
Rowe, Alvin V. (See Knutson, Alfred W., assignor.)
Rowe, Alvin V., Galesburg, Ill. Steel fencepost. 1,444,641; Feb. 6.
Rowe, Bedford F., Memphis, Tenn. Fireplace closure. 1,475,886; Nov. 27.
Rowe, Ernest, Derby, England. Apparatus for printing both horizontal and perpendicular lines. 1,448,677; Mar. 13.
Rowe, George F., Ottawa, Ontario, Canada. Toy. 1,444,853; Feb. 13.
Rowe, John, Casey, Iowa. Steering-gear stop device. 1,452,985; Apr. 24.
Rowe, Louis M., Los Angeles, Calif. Air-circulating system for orchards and the like. 1,440,748; Jan. 2.
Rowe, Reuel S., and G. Weinle, Rutland, Vt. Rubber retainer. 1,465,180; Aug. 14.
Rowe, William E., Crookston, Minn. Quack-grass eradicator. 1,458,441; June 12.
Rowe, William H., Jacksonville, Fla. Electrically heated and controlled steam boiler. 1,451,847; Apr. 17.
Rowland, Alexander S., New York, N. Y. Candlestick. Des. 63,660; Dec. 25.
Rowland, Andrew J., Cincinnati, Ohio. Oilproof coating or impregnating agent. 1,456,494; May 22.
Rowland, Charles A., et al. (See Franck, Val F., assignor.)
Rowland, Charles L., Carbondale, Pa. Protector for valves of containers. 1,469,646; Oct. 2.
Rowland, Clifford B., Trenton, N. J. Agricultural machine. 1,464,541; Aug. 14.
Rowland, Clifford B., Trenton, N. J. Planter. 1,477,904; Dec. 18.
Rowland, George R., Elizabeth, N. J., assignor to The Texas Company, New York, N. Y. Barrel seal. 1,454,488; May 8.
Rowland, Herbert R., East Orange, N. J. Well-drilling attachment. 1,464,396; Aug. 7.
Rowland, J. H., Blackfoot, Idaho. Work-holding clamp. 1,446,811; Feb. 27.
Rowland, Jasper M., Niagara Falls, assignor to Hooker Electrochemical Company, New York, N. Y. Transportable muriatic-acid tank. 1,476,421; Dec. 4.
Rowland, William H., et al. (See Franck, Val F., assignor.)
Rowlands, Percy O., Liverpool, England. Motor vehicle or other power-transmission mechanism. 1,474,643; Nov. 20.
Rowledge, Arthur J., Acton, assignor to D. Napier & Son Limited, London, England. Brake for motor road vehicles. 1,454,380; May 8.
Rowley, Alfred W., and F. H. Ryder, assignors to Harder Manufacturing Corporation, Cobleskill, N. Y. Refrigerator-door construction. 1,478,400; Dec. 25.
Rowley, Arthur A. (See Burton, F. F., and Rowley.)
Rowley, Arthur C., assignor to Globe Automatic Sprinkler Co., Philadelphia, Pa. Dry pipe valve. 1,446,321; Feb. 20.
Rowley, Arthur C., assignor to Globe Automatic Sprinkler Company, Philadelphia, Pa. Temporary sprinkler closure. 1,465,831; Aug. 21.
Rowley, Arthur C., assignor to Globe Automatic Sprinkler Company, Philadelphia, Pa. Sprinkler guard. 1,469,336; Oct. 2.
Rowley, Charles O., Toledo, Ohio. Burner. 1,455,810; May 22.
Rowley, Clifford. (See Crowley, J. P., and Rowley.)
Rowley, Clifford A., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Apparatus for stretching sheet glass. 1,444,038; Feb. 6.
Rowley, Clifford A., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Width-maintaining apparatus for continuous-sheet glass. 1,444,039; Feb. 6.
Rowley, Clifford A., and J. A. Reece, assignors to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Apparatus for cutting sheet glass. 1,453,856; May 1.
Rowley, Edward G., assignor of one-half to Sun Typewriter Company, Newark, N. J. Percolator. 1,452,256; Apr. 17.
Rowntree, Frank L., assignor to Foster, Merriam and Company, Meriden, Conn. Caster bracket. 1,442,097; Jan. 16.
Rowntree, Frank L., assignor to Foster, Merriam & Company, Meriden, Conn. Roller-bearing caster. 1,458,778; June 12.
Rowntree, Harold, Pass Christian, Miss. Electrical transmission of communications. 1,475,448; Nov. 27.
Rowntree, Harold, Kenilworth, Ill., assignor to National Pneumatic Company, New York, N. Y. Safety-lock mechanism for automobiles. 1,466,758; Sept. 4.
Rowntree, Harold, Kenilworth, Ill., assignor to National Pneumatic Company, New York, N. Y. Automatic automobile lock. 1,477,771; Dec. 18.
Roy, Edward, Providence, R. I. Locking device. 1,447,573; Mar. 6.
Roy, Harold A., Portland, Oreg. Sash lock. 1,476,646; Dec. 4.
Roy, Iréné, Paris, France. Endless-track vehicle. 1,447,893; Mar. 6.
Roy, Irenée, Highland Park, Mich. Mechanical toy. 1,449,448; Mar. 27.
Roy, James E., Philadelphia, Pa. Glare-shield device. 1,473,878; Nov. 13.
Roy, Joseph. (See Nicolaus, F. G., and Roy.)
Roy, Joseph O., Montreal, Quebec, Canada. Button. 1,467,335; Sept. 11.
Roy, Levi J., Providence, R. I. Pin and like securing device. 1,472,681; Oct. 30.
Roy, Levi J., Providence, R. I. Clasp. Des. 63,435; Dec. 4.
Roy, Lloyd V. (See Saunders, W. M., and Roy.)
Roy, Wadsworth D., Brimingham, Mich. Combined rouge and powder puff. 1,459,931; June 26.
Roy Watch Case Co. (See Stearns, A. L., and Hofman, assignors.)
Royák, Louis, New York, N. Y. Antivermin bed. 1,464,397; Aug. 7.
Royal Baking Powder Company. (See Hitch, F. C., and Peter, assignors.)
Royal Baking Powder Company. (See Paulus, Herman W., assignor.)
Royal Baking Powder Company. (See Whittier, Charles T., assignor.)
Royal Comb Company. (See Hadley, E. P., and Holden, assignors.)
Royal Labeling Machine Company. (See Muslar, Nelson, assignor.)
Royal Leather Goods Co. (See Pollock, Morris, assignor.)
Royal Nut Company. (See Zaloom, Salim F., assignor.)
Royal Packing Company. (See Walden, Cecil J., assignor.)
Royal, Robert R., and D. H. Brown, McComb, Miss. Wheel-quartering gauge. 1,471,285; Oct. 16.
Royal Typewriter Company. (See Camp, Walter D., assignor.)
Royal Typewriter Company. (See Dowd, Bernard J., assignor.)
Royal Typewriter Company. (See Dowd, B. J., and Utz, assignors.)
Royal Typewriter Company. (See Handley, George F., assignor.)

Royal Typewriter Company Inc. (See Hess, Edward B., assignor.)
Royal Typewriter Company. (See Hess, E. B., and Myers, assignors.)
Royal Typewriter Company. (See Utz, Anthony, assignor.)
Royce, Frederick E. (See Carson, Charles E., assignor.)
Royce, Frederick H., assignor to Rolls-Royce Limited, Derby, England. Mounting and driving of gear wheels. 1,460,768; July 3.
Royce, Frederick H., assignor to Rolls-Royce Limited, Derby, England. Brake for vehicles. 1,466,549; Aug. 28.
Roye, Richard T., Houston, assignor of one-half to W. L. Pearce, Harris County, Tex. Pipe tongs. 1,447,327; Mar. 6.
Royer, George F., Wilkes-Barre, Pa. Air-hose stand. 1,453,999; May 1.
Royer, William R., Wilkes-Barre, Pa. Valve protecting and operating device for pneumatic tires. 1,473,938; Nov. 13.
Roylance, Samuel, New Bedford, Mass. Potato peeling and washing machine. 1,476,221; Dec. 4.
Royle, Vernon, Paterson, N. J. Registering and squaring machine. 1,450,608; Apr. 3.
Royle, William H., Tipton, England. Hack saw. 1,474,210; Nov. 13.
Roys, Herman E., assignor, by mesne assignments, to Universal Interests, Inc., New York, N. Y. Heating device. 1,447,044; Feb. 27.
Royse, Harold S., Minneapolis, Minn. Money safe. 1,468,836; Sept. 25.
Royster, Orlando, Spokane, Wash. Railway brake. 1,461,254; July 10.
Royston Paper Company, The. (See Atkinson, Thomas M., assignor.)
Rozycki, Frank C., Philadelphia, Pa. Keyless padlock. 1,445,719; Feb. 20.
Ruan, John A., Beacon, Iowa. Signal. 1,451,053; Apr. 10.
Ruatti, Joseph B., Los Angeles, Calif. Wheel for motor vehicles. 1,458,779; June 12.
Rubber-Metal Horse Footwear, Inc. (See Robertson, Frederick C., assignor.)
Rubber-Metal Horse Footwear, Inc. (See Robertson, F. C., and Rooney, assignors.)
Rubello, Giuseppe, Milan, Italy. Machine for the manufacture of cardboard boxes. 1,466,759; Sept. 4.
Ruben, Samuel, New York, N. Y. Electrical impulse indicator. 1,471,357; Oct. 23.
Ruberoid Co., The. (See Abraham, Herbert, assignor.)
Ruberoid Co., The. (See Purdy, Asa R., assignor.)
Rubin, Adolph, St. Louis, Mo. Punching machine. 1,471,571; Oct. 23.
Rubin, Adolph, assignor to Sieber Products Mfg. Co., St. Louis, Mo. Loose-leaf binder. 1,444,642; Feb. 6.
Rubin, Adolph, assignor to Sieber Products Mfg. Co., St. Louis, Mo. Loose-leaf binder. 1,476,767; Dec. 11.
Rubin, Adolph, assignor to Sieber Products Mfg. Co., St. Louis, Mo. Loose-leaf binder. 1,476,768; Dec. 11.
Rubin, Herman, New York, N. Y. Loose-leaf binder. 1,451,273; Apr. 10.
Rubin, Hyman B., New York, N. Y. Multiple-mitering attachment. 1,473,521; Nov. 6.
Rubsam, Charles F., Brooklyn, N. Y. Detachable rim. 1,478,581; Dec. 25.
Rubwood, Inc. (See Atwood, Harry N., assignor.)
Rubwood, Inc. (See Atwood, H. N., and Bains, assignors.)
Ruby, George H. A., Grand Rapids, Mich., assignor to J. R. Offield, trustee, Chicago, Ill. Plaster-block-making machine. 1,469,819; Oct. 9.
Ruby, George H. A., Fort Dodge, Iowa, assignor to J. R. Offield, trustee, Chicago, Ill. Plaster-block machine. 1,469,820; Oct. 9.
Ruckel, Phillip K., Saginaw, Mich. Propelling device for aeroplanes and the like. 1,444,643; Feb. 6.
Rücker, Karl, Berlin-Marienfelde, Germany, assignor, by mesne assignments, to The Chemical Foundation, Inc. Refining mixtures of chlorides of naphthalenes serving as substitutes for rosin. 1,455,509; May 15.
Ruckert, Harry E., and G. P. Mallory, assignors to Sanitary Products Corporation of America, Philadelphia, Pa. Quantifying mechanism. 1,478,145; Dec. 18.
Ruckman, Floyd A., Fort Wayne, Ind. Radiator-filling attachment. 1,443,650; Jan. 30.
Rudall, Robert J., T. Brown, Llanelly, and J. H. Williams, Bynes, near Llanelly, Wales. Tool-handle fastening. 1,441,455; Jan. 9.
Rudd, Harry B., Mansfield, Ohio. Electrically treating liquids. 1,468,649; Sept. 25.
Ruddell, William A., Asbury Park, N. J. Metal polish. 1,456,151; May 22.
Ruddell, William A., Asbury Park, N. J. Metal polish. 1,457,857; June 5.
Ruddell, William A., Asbury Park, N. J. Swimming mitt. 1,457,858; June 5.
Rudderham, Thomas E., Sudbury, England. Fountain pen. 1,476,107; Dec. 4.
Ruddle, William O. (See Leydekkers, W. H., and Ruddle.)
Rude, Ingwald F., Chicago, Ill. Tool. 1,476,007; Dec. 4.
Rüdenberg, Reinhold, Berlin-Grunewald, assignor to Siemens-Schuckertwerke Gesellschaft mit beschränkter Haftung, Siemensstadt, near Berlin, Germany. Alternating-current line. 1,475,968; Dec. 4.
Rüdenberg, Reinhold, Berlin-Grunewald, and A. Finckbein, Charlottenburg, assignors to Siemens-Schuckertwerke Gesellschaft mit beschränkter Haftung, Siemensstadt, near Berlin, Germany. Manufacturing electric conductors. 1,462,580; July 24.
Rudersdorf, Lillian, Chicago, Ill. Straightedge device. 1,441,715; Jan. 9.
Rudesill, Thomas J., assignor to Scanlon-Morris Co., Madison, Wis. Chart holder. 1,460,502; July 3.
Rudesyle, Peter M., Passaic, N. J. Pick for stringed instruments. 1,461,070; July 10.
Rudin, Karl V., Stockholm, Sweden. Zero-setting mechanism for machines of the Trinks type. 1,442,004; Jan. 9.
Rudin, Karl V., Stockholm, Sweden. Calculating machine. 1,462,944; July 24.
Rudin, Karl V., Stockholm, Sweden. Zeroizing means for the curve disks of calculating machines. 1,464,778; Aug. 14.
Rudloff, Vincent E., Maplewood, N. J. Stair construction. 1,474,850; Nov. 20.
Rudnay, Andrew, Buffalo, N. Y. Micrometer attachment. 1,463,095; July 24.
Rudnick, Jacob, New York, N. Y. Means for feeding adhesive material to box-making machines. 1,461,737; July 17.
Rudolf, Ferdinand A., Jamaica, N. Y., and J. C. Ryder, Passaic, N. J. Manufacture of sulphuric acid. 1,473,879; Nov. 13.
Rudolph, Alfred W., St. Louis, Mo. Knife-sharpening machine. 1,441,030; Jan. 2.
Rudolph, Harold V., Charlottesville, Va., assignor to American Automatic Train Control Corporation, Baltimore, Md. Speed-control mechanism for vehicles. 1,462,357; July 17.
Rudolph, Harold V., assignor to American Automatic Train Control Corporation, Baltimore, Md. Speed-control mechanism for vehicles. 1,462,358; July 17.
Rudolph, Lawrence, Louisville, Ky., assignor to R. Rudolph, Pensacola, Fla. Safety crank. 1,454,226; May 15.
Rudolph, Lawrence, Louisville, Ky., assignor to R. Rudolph, Pensacola, Fla. Safety crank. 1,455,227; May 15.
Rudolph, Lawrence, Louisville, Ky., assignor to R. Rudolph, Pensacola, Fla. Safety crank. 1,455,228; May 15.
Rudolph, Lawrence, Louisville, Ky., assignor to R. Rudolph, Pensacola, Fla. Safety crank. 1,455,229; May 15.
Rudolph, Rudy. (See Rudolph, Lawrence, assignor.)
Rudolph, Wilhelm. (See Hahnemann, W., and Rudolph.)
Rudolph, Wilhelm, assignor to Firm Signal Gesellschaft m. b. H., Kiel, Germany. Sound producer and receiver. 1,463,911; Aug. 7.
Rue, Carl, Fond du Lac, Wis. Hot-blast ring for furnaces. 1,447,631; Mar. 6.
Rue, John R., jr., Pittsfield, Mass., assignor to General Electrical Company. Electric drive for spinning machines or the like. 1,449,699; Mar. 27.
Rueb, Earl J., assignor to Mid-State Battery Manufacturing Co. Inc., Oklahoma, Okla. Storage-battery electrolyte. 1,454,078; May 8.
Rueckert, George C., Providence, R. I. Jewelry tray. 1,475,319; Nov. 27.
Rued, Ole J., Woodworth, N. Dak. Mud shoe for vehicle wheels. 1,441,175; Jan. 2.
Ruediger, Henry H., Hermann, Mo. Hand cultivating tool. 1,478,298; Dec. 18.
Ruedt, Julius C., assignor to Phoenix Hosiery Company, Milwaukee, Wis. Garment. 1,478,401; Dec. 25.
Rüegger, Eduard. (See Guyer, H., and Rüegger.)
Ruegger, Eduard, Zurich, Switzerland. Hollow inclosed float. 1,469,647; Oct. 2.
Rüegger, Eduard, Zurich, Switzerland. Refrigerating machine. 1,474,851; Nov. 20.
Rüegsegger, Walter, Matzingen, Switzerland. Bung for liquid containers. 1,475,142; Nov. 20.
Ruehman, Henry, Los Angeles, Calif. High-compression two-cycle engine. 1,473,124; Nov. 6.
Ruf, Alfons, Kreuzlingen, Switzerland. Baseboard for the loose leaves for journals and the like. 1,446,398; Feb. 20.
Ruf, William H., Roselle Park, N. J. Wireless detector. 1,460,734; July 3.
Ruff, Otto, Breslau, Germany. Producing zirconium dioxide. 1,454,564; May 8.
Ruff, William, New York, N. Y. Hydrocarbon-vapor generator. No. 1,458,502; June 12.
Ruff, William J., Quincy, Ill. Live-bait bucket. 1,451,925; Apr. 17.
Ruffin, Robert, jr., Senatobia, Miss. Drafting instrument. 1,453,023; Apr. 24.
Ruffin, Robert, jr., Como, Miss. Table. 1,453,186; Apr. 24.
Rufty, James L., Stony Point, N. C. Trap. 1,465,528; Aug. 21.
Rugg, Walter S. (See Murray, H. J., and Rugg.)
Ruggiero, Anthony C., Brooklyn, N. Y. Bottle cap. 1,472,889; Nov. 6.
Ruggiero, Frank J., New York, N. Y. Guard for punch presses. 1,459,162; June 19.

Ruggles, Charles H., et al. (See Kemp, Edward, assignor.)
Ruggles, Gilbert W., Youngstown, Ohio. Extension grate apparatus. 1,452,314; Apr. 17.
Ruggles, Guy H. (See Askin, T. B. H., and Ruggles.)
Rugh, Harry O. (See Krueger, Walter, assignor.)
Ruh, Emmett E. (See Stockholm, William C., assignor.)
Ruhl, George F., Troy, N. Y. Jointed extensible rod. 1,449,196; Mar. 20.
Ruhl, Otto, et al. (See Hebbard, Charles C., assignor.)
Ruhland, Max, assignor to L. Böhm, Munich, Germany. Photographic screen. 1,464,139; Aug. 7.
Ruhlandt, Walther C., Jackson, Mich. Valve and valve-seat facing tool. 1,450,116; Mar. 27.
Ruhloff, Frederick C. (See Bager, S. R. W. M., Lehman, and Ruhloff.)
Ruhmann, Jacob M., San Antonio, Tex. Hose coupling. 1,470,196; Oct 9.
Rule Form Machine Company. (See Appelquist, Erik, assignor.)
Rule, John F., assignor to The Owens Bottle Company, Toledo, Ohio. Apparatus for gathering and transferring molten glass. 1,453,285; May 1.
Rumbaugh, Charles M., and J. S. Orsborn, Des Moines, Iowa. Disappearing structure for chairs, tables, and the like. 1,465,529; Aug. 21.
Rumbaugh, William B., Bellingham, Wash. Rail joint. 1,471,065; Oct. 16.
Rumfelt, Michael R., South Lima, N. Y. Weather vane. 1,467,336; Sept. 11.
Rumfelt, Michael R., South Lima, N. Y. Nut and bolt lock. 1,473,321; Nov. 6.
Rumford, Harry R., assignor of one-half to W. A. Landry, Chester, Pa. Means for vaporizing hydrocarbon fuels. 1,453,187; Apr. 24.
Rummel, George F., et al. (See Harter, Noah S., assignor.)
Rummel, Robert A., Woodridge, N. J. Picture attachment for talking machines. 1,468,547; Sept. 18.
Rummler, Francis J. (See Prescott, S. I., and Rummler.)
Rumney, Fred A., Cambridge, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastener-inserting machine. 1,471,358; Oct. 23.
Rump, William J., Suedberg, Pa. Dispensing apparatus. 1,475,887; Nov. 27.
Rumpf, John, Jersey City, N. J., assignor to The Safety Car Heating & Lighting Company. Reducing valve. 1,461,738; July 17.
Rumpp, C. F., & Sons, Inc. (See Grupe, William F., assignor.)
Rumsky, Mickel A., Calipatria, Calif. Draft rigging for tractors. 1,476,647; Dec. 4.
Rundell, Joe J., Pierceville, Kans. Topping knife. 1,476,846; Dec. 11.
Rundell, Ornan L., Chicago, Ill. Furnace appliance. 1,464,272; Aug. 7.
Rundell, Raymond R., Elmira, N. Y. Bead chain and splicer for the same. 1,468,169; Sept. 18.
Rundell, Rupert E., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Wrapper carrier for cigar machines. 1,467,592; Sept. 11.
Rundqvist, Thore R. E., Stockholm, Sweden. Loading machine for ores and the like. 1,475,888; Nov. 27.
Runge, Robert F., Philadelphia, Pa., assignor to The Hess-Bright Manufacturing Company. Chuck. 1,443,651; Jan. 30.
Runk, William B., Shelton, Conn., assignor to The Weiman Brothers Manufacturing Company, Derby, Conn. Hopper. 1,472,495; Oct. 30.
Runkel, Grant A., Lancaster, Pa. Detachable fishhook. 1,457,550; June 5.
Runkle, Ora A., Wooster, Ohio. Brush. 1,467,337; Sept. 11.
Runner, Joseph E., assignor to Utility Tool Corporation, Indianapolis, Ind. Combination jack, breast drill and vise. 1,447,603; Mar. 6.
Runnion, Don V., assignor to L. J. Mueller Furnace Company, Milwaukee, Wis. Furnace-casing-attaching means. 1,474,609; Nov. 20.
Runser, Frederick J., assignor to The Byrne Manufacturing Company, Cleveland, Ohio. Making plugs. 1,458,006; June 5.
Runwood, Inc. (See Atwood, Harry N., assignor.)
Runyan, William B. (See Greene, A. E., and Runyan.)
Runyan, William B., assignor to Mitchell Rail Anchor Company, Inc., Dayton, Ohio. Rail anchor. 1,451,179; Apr. 10.
Runyon, George E., assignor of one-half to G. Hazel, Kansas City, Kans. Roller bearer. 1,449,628; Mar. 27.
Runz, Mary, et al. (See Fischer, August, assignor.)
Rupert, Louis, Decatur, Ill. Closure. 1,452,391; Apr. 17.
Ruperti, Henri, Hamburg, assignor to J. Heydt, Albrechts, Germany. Device for cleaning pipes. 1,452,708; Apr. 24.
Rupp, Charles, Philadelphia, Pa. Sash-operating mechanism. 1,445,720; Feb. 20.
Rupp, Raymond C., Kendallville, Ind. Closed automobile body. 1,474,689; Nov. 20.
Rupp, William, Newark, N. J. Tap device for wooden barrels. 1,478,918; Dec. 25.
Ruppe, Cecil P., Oakley, Kans. Detachable handle. 1,453,188; Apr. 24.
Ruppe, Cecil P., Oakley, Kans. Gate fastener. 1,458,079; June 5.
Ruprecht, Frank D., Dunedin, Fla. Tool attachment. 1,441,031; Jan. 2.
Rupright, Howard J. (See Strosacker, C. J., and Rupright.)
Rurade, Frederick W., Jersey City, N. J. Building brick. 1,447,267; Mar. 6.
Rusche, William F., Milwaukee, Wis. Lamp shade. Des. 62,365; May 15.
Rush, Alfred H., Phoenixville, Pa. Tile-making machine. 1,458,198; June 12.
Rush, Allan C., Los Angeles, Calif. Observation, amusement, and utility tower. 1,470,035; Oct. 16.
Rush, C. C. (See Behlen, George A., assignor.)
Rush, Estol S., Los Angeles, Calif. Timer. 1,449,059; Mar. 20.
Rush, Robert T., Hattiesburg, Miss. Quarter-sawing machine. 1,456,912; May 29.
Rush, Thomas O. (See Haggard, O. L. F., and Rush.)
Rush, Turner C., Lexington, Ky. Window guard. 1,450,117; Mar. 27.
Rush, Turner C., assignor to F. G. Erd, Lexington, Ky. Bottle-cap remover. 1,463,139; July 24.
Rush, W. S., & Co. (See Muhleisen, Henry W., assignor.)
Rushing, Clyde M., Bozeman, Mont. Liquid-fuel burner. 1,462,072; July 17.
Rushmore, Samuel W., Plainfield, N. J. Radiator for cooling fluids. 1,455,736; May 15.
Rushmore, Samuel W., Plainfield, N. J. Radiator for automobiles. 1,455,737; May 15.
Rushmore, Samuel W., Plainfield, N. J. Radiator for cooling fluids. 1,455,738; May 15.
Rushmore, Samuel W., Plainfield, N. J. Radiator for cooling fluids. 1,455,739; May 15.
Rushton, Elmer T., and R. S. Berry, Los Angeles, Calif., assignors to Hercules Products Company, St. Joseph, Mich. Tool for expanding and contracting split wheel rims. 1,471,066; Oct. 16.
Rushton, Thomas H., Birmingham, England. Resilient wheel for motor and other like vehicles. 1,466,550; Aug. 28.
Ruskin, Sidman, assignor to F. H. Noble & Company, Chicago, Ill. Sheet-metal fastener. 1,442,447; Jan. 16.
Rusnak, John M., Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Adjustable arm for multiple-spindle drills. 1,464,542; Aug. 14.
Rusnak, Samuel. (See Pfendner, John, assignor.)
Russ Company, The. (See Schutt, Theodore H., assignor.)
Russ, George F. (See Penney, H. D., Whiteman, and Russ.)
Russ, John D., assignor of one-half to W. N. Russ, Spencer, W. Va. Underreamer. 1,471,808; Oct. 23.
Russ, Otto C. (See Lance, Ernst G., assignor.)
Russ, Wirt N. (See Russ, John D., assignor.)
Russakov, David, Chicago, Ill. Hasp and staple device. 1,446,586; Feb. 27.
Russakov, Jacob I., Chicago, Ill. Receptacle cover. 1,458,955; June 19.
Russel, Albert W., assignor to Russel Motor Axle Company, Detroit, Mich. Vehicle axle. 1,463,912; Aug. 7.
Russel Motor Axle Company. (See Coapman, John, assignor.)
Russel Motor Axle Company. (See Russel, Albert W., assignor.)
Russell, Albert I., assignor to Irons & Russell Company, Providence, R. I. Emblem. 1,475,320; Nov. 27.
Russell, Annis O., Story City, Iowa. Railway signal. 1,457,673; June 5.
Russell, Burdsall & Ward Bolt and Nut Company. (See Bogart, Charles W., assignor.)
Russell, Carl W., Youngstown, Ohio. Speed regulator for automobiles. 1,447,184; Mar. 6.
Russell, Charles A., jr., Orange, Tex. Supply device for filling stations or stands. 1,458,852; June 12.
Russell, Charles P., Brandon, Manitoba, Canada. Electric heater for washing machines. 1,453,640; May 1.
Russell, Clarence E., Kirkwood, Mo., assignor, by mesne assignments, to The Corno Mills Company, East St. Louis, Ill. Capping machine. 1,470,881; Oct. 16.
Russell-Clarke, Edward, deceased, by F. M. Russell-Clarke, executrix, London, assignor to Autokal Syndicate Limited, London, England. Calculating machine. 1,471,683; Oct. 23.
Russell-Clarke, Edward, deceased, by F. M. Russell-Clarke, executrix, London, assignor to Autokal Syndicate Limited, London, England. Calculating machine. 1,471,684; Oct. 23.
Russell-Clarke, Edward, deceased, by F. M. Russell-Clarke, executrix, London, assignor to Autokal Syndicate Limited, London, England. Calculating machine. 1,471,685; Oct. 23.
Russell-Clarke, Frances M., executrix. (See Russell-Clarke, Edward.)
Russell Co., The. (See Kinsley, William S., assignor.)
Russell Company, The. (See Showalter, Arthur H., assignor.)
Russell, D. E. France. (See Lefler, Hawley B., assignor.)
Russell, Dayton H. (See McCune, M., and Russell.)
Russell, Donald W., Jefferson, Iowa. Shade or curtain holding fixture. 1,472,026; Oct. 23.

Russell, Edgar S., Sweet Home, Oreg. Automatic clutch release. 1,450,757; Apr. 3.
Russell, Edward A., assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Automatic car-heating system. 1,440,701; Jan. 2.
Russell, Edward A., assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Valve. 1,442,973; Jan. 23.
Russell, Edward A., assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Train-pipe end valve. 1,474,790; Nov. 20.
Russell, Edward A., and H. G. Geissinger, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Heating system for railway cars. 1,440,700; Jan. 2.
Russell, Edward A., Chicago, Ill., and H. G. Geissinger, Detroit, Mich., assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Heating system for railway cars. 1,440,702; Jan. 2.
Russell Electric Company. (See Langos, Otto A., assignor.)
Russell Electric Company. (See Russell, T. C., and Langos, assignors.)
Russell, Eli A., assignor to Stronghart Company, Chicago, Ill. Small savings bank. 1,455,510; May 15.
Russell, Frank S., et al. (See Krautblatt, Harry, assignor.)
Russell, George E., Hamilton, Ohio. Repair bottom or plate. 1,475,321; Nov. 27.
Russell, George H., Florence, Ala. Accelerator for hot-water heating systems. 1,462,768; July 24.
Russell, Harry H., Gauley Mills, W. Va. Discharge seal for retorts. 1,449,197; Mar. 20.
Russell, Henry M., Wheeling, W. Va. Changing-picture illusion device. 1,473,939; Nov. 13.
Russell, Herbert O., Los Angeles, Calif., and L. J. Scheben, Dayton, Ohio. Trigger motor. 1,458,360; June 12.
Russell, Herbert O., Detroit, Mich., and C. L. Paulus, Dayton, Ohio. Automatic advance for synchronizing gun control. 1,471,359; Oct. 23.
Russell, J. M. (See Clark, James H., assignor.)
Russell, James H., Oklahoma, Okla. Household mixing apparatus. 1,455,664; May 15.
Russell, James H., Oklahoma, Okla. Reading stand or desk. 1,475,889; Nov. 27.
Russell, John M., Manufacturing Company, The. (See Russell, Theodore, assignor.)
Russell, Joseph C., Pittsburgh, Pa. Card index. 1,454,791; May 8.
Russell, Leslie A., Muskegon, Mich., assignor to F. C. Austin Machinery Company, Chicago, Ill. Combined driving and steering gear. 1,467,196; Sept. 4.
Russell, Leslie A., Chicago, Ill., assignor, by mesne assignments, to F. C. Austin Machinery Company. Wagon loader. 1,474,383; Nov. 20.
Russell Manufacturing Company. (See Fisher, William C., assignor.)
Russell Mfg. Co. (See Russell, Thomas M., assignor.)
Russell, Mott C., Assyria, Mich. Combined dropping board and roost. 1,465,686; Aug. 21.
Russell, Nelson J., Chicago, Ill. Fuel-saving device for furnaces. 1,473,050; Nov. 6.
Russell, Nelson J., Chicago, Ill. Fuel-saving device for furnaces. 1,475,599; Nov. 27.
Russell, Orin C., Omaha, Nebr. Tire guard. 1,449,913; Mar. 27.
Russell, Robert C., Pittsburgh, Pa. Index. Re15,582; Apr. 17.
Russell, Robert C., Pittsburgh, Pa. Card index. 1,478,762; Dec. 25.
Russell, Robert C., Pittsburgh, Pa. Card index. 1,478,763; Dec. 25.
Russell, Robert C., Pittsburgh, Pa. Card index. 1,478,764; Dec. 25.
Russell, Robert C., Pittsburgh, Pa. Card index. 1,478,765; Dec. 25.
Russell, Robert C., Pittsburgh Pa. Card index. 1,478,766; Dec. 25.
Russell, Robert C., Pittsburgh, Pa. Index card. 1,478,767; Dec. 25.
Russell, Samuel A., River Forest, Ill. Bed. 1,476,371; Dec. 4.
Russell, Samuel G., assignor to Shakespeare Company, Kalamazoo, Mich. Fishing reel. 1,455,358; May 15.
Russell, Samuel G., assignor to Shakespeare Company, Kalamazoo, Mich. Fishing reel. 1,468,676; Sept. 25.
Russell, Samuel G., and E. D. Clickner, assignors to Shakespeare Company, Kalamazoo, Mich. Fishing reel. 1,464,587; Aug. 14.
Russell, Samuel J., Princeton, Tex. Sunshade. 1,469,111; Sept. 25.
Russell, Theodore, assignor to The John M. Russell Manufacturing Company, Naugatuck, Conn. Shoe clasp. 1,474,168; Nov. 13.
Russell, Thomas C., Chicago, Ill. Electric-conductor-securing means. 1,467,119; Sept. 4.
Russell, Thomas C., Chicago, Ill. Electric heat device. 1,473,645; Nov. 13.
Russell, Thomas C., Chicago, Ill. Electric heating unit. 1,474,384; Nov. 20.
Russell, Thomas C., and O. A. Langos, assignors to Russell Electric Company, Chicago, Ill. Wire-bending machine. 1,470,106; Oct. 9.
Russell, Thomas F. (See Smith, A. L., and Russell.)
Russell, Thomas M., assignor to Russell Mfg. Co., Middletown, Conn. Sectional die for producing differential sheet-metal cams. 1,445,358; Feb. 13.
Russell, Vernon W., J. T. Kyle, Brea, and J. A. Campbell, Long Beach, Calif. Oil burner. 1,478,299; Dec. 18.
Russell, William D., Torrance, Calif. Trail marker for motor vehicles. 1,433,718; Jan. 30.
Russell, William F., assignor to The Norwalk Tire & Rubber Company, Norwalk, Conn. Vulcanizing rubber. 1,467,197; Sept. 4.
Russell, William J. D., Alamo, Ind. Automobile commode. 1,441,244; Jan. 9.
Russell, William N., New Haven, Conn. Handle. 1,446,587; Feb. 27.
Russell, Zachary E., Sauk Rapids, Minn. Advertising-card holder. 1,470,486; Oct. 9.
Russo, Calogero, Cleveland, Ohio. Vegetable cutter. 1,468,546; Sept. 18.
Russo, Joseph, Passaic, N. J. Antithief milk-bottle holder. 1,468,214; Sept. 18.
Russo, Mary, Old Orchard, Me. Form for dressing hair. 1,444,040; Feb. 6.
Rust-Oppenheim, August. (See Olsson, Zacharias, assignor.)
Rust, Ottis R., Cleveland, Ohio. Buckle. 1,447,268; Mar. 6.
Rust, Robert R., New York, N. Y. Metal-twisting mechanism. 1,463,594; July 31.
Rust, Robert R., New York, N. Y. Manhole cover. 1,475,199; Nov. 27.
Rustad, Henry, Winnipeg, Manitoba, Canada. Molding form. 1,454,189; May 8.
Rustad, Thor, Erskine, Minn. Fastening means for grain doors. 1,441,376; Jan. 9.
Rutenber, Edwin A., assignor to A. J. Lindemann & Hoverson Company, Milwaukee, Wis. Electric toaster. 1,447,574; Mar. 6.
Rutenber, Menzo A. (See Hoffman, F. D., and Rutenber.)
Ruth, Charles H. (See Magie, Morton H., assignor.)
Ruth, David C., assignor of one-half to S. E. L. Ruth, Halstead, Kans. Separator. 1,450,645; Apr. 3.
Ruth, Earl A., Washington, D. C. Automatic stop mechanism for phonographs. 1,473,125; Nov. 6.
Ruth, Joseph P., jr., Denver, Colo. Flotation apparatus. 1,445,042; Feb. 13.
Ruth, Joseph P., jr., Denver, Colo. Grinding mill. 1,453,408; May 1.
Ruth, Joseph P., jr., Denver, Colo. Flotation apparatus. 1,463,405; July 31.
Ruth, S. Ella L. (See Ruth, David C., assignor.)
Rutherford, Charles H., and C. Townsend, Jerome, Ariz. Smokeless heater. 1,465,687; Aug. 21.
Rutherford, George, London, Ontario, Canada. Furnace. 1,446,931; Feb. 27.
Rutherford, Harry K., Philadelphia, Pa. Fountain brush. 1,449,198; Mar. 20.
Rutherford, John E., Toronto, Ontario, Canada. Direction indicator for vehicles. 1,465,287; Aug. 21.
Rutherford, Lanius J., Natchez, Miss. Gate latch. 1,444,392; Feb. 6.
Rutherford, Olive B., Baltimore, Md. Radiator for automobiles. 1,449,782; Mar. 27.
Rutherford, Stephen W., and J. T. Taylor, Cedar Rapids, Iowa. Tag holder. 1,440,749; Jan. 2.
Rutherford, William O., Jackson, Tenn. Line holder. 1,466,563; Aug. 28.
Ruthrauff, William M., Philadelphia, Pa. Dentifrice. 1,460,179; June 26.
Ruths, Robert J., Baltimore, Md. Spark plug. 1,477,522; Dec. 11.
Ruthven, Alfred L., Rochester, N. Y. Insulated rail joint. 1,470,110; Oct. 9.
Ruthven, Alfred L., Buffalo, assignor to Simplex Train Control Co. Inc., Rochester, N. Y. Combination automatic and manually-operable air brake, power control, and alarm system. 1,470,107; Oct. 9.
Ruthven, Alfred L., assignor to Simplex Train Control Company, Inc., Rochester, N. Y. Simplex train control. 1,470,108; Oct. 9.
Ruthven, Alfred L., assignor to Simplex Train Control Company, Inc., Rochester, N. Y. Electromagnetic train control. 1,470,109; Oct. 9.
Rutkowski, Walter L. (See Cullen, W. J., and Rutkowski.)
Rutledge, George E., assignor to Vassar Swiss Underwear Company, Chicago, Ill. Button. Des. 63,376; Nov. 27.
Rutledge, Richard E. (See Champlin, Charles A., assignor.)
Rutledge, William T., Santa Ana, Calif. Line and circuit breaker. 1,465,791; Aug. 21.
Rutledge, William T., Santa Ana, Calif. Hose clamp. 1,465,792; Aug. 21.
Ruttenberg, Edward C., Chicago, Ill. Lamp finial. 1,477,523; Dec. 11.
Ruttenberg, Edward C., Chicago, Ill. Finial. 1,477,524; Dec. 11.
Rutter, John, Edmonton, Alberta, Canada. Apparatus for delivering messages to moving trains and the like. 1,452,443; Apr. 17.
Ruttinger, Henry, Buffalo, N. Y. Valve remover. 1,474,792; Nov. 20.

Ruttledge, William L., assignor to Roto Pump Mfg. Co., Detroit, Mich. Rotary pump. 1,458,361; June 12.
Ruttmann, Ernst, Stuttgart, Germany. Ricochet ball game. 1,463,726; July 31.
Ruwe, John W., San Antonio, Tex. Refining and purifying animal tallows, oils, fats, and greases. 1,464,627; Aug. 14.
Ruze, John, New York, N. Y. Safety razor. 1,455,665; May 15.
Ruzicka, Anton, Cleveland, Ohio. Machine for making press studs or fasteners. 1,471,420; Oct. 23.
Ruzicka, Rudolph, Dobbs Ferry, N. Y., assignor to New Safety Paper Co., Boston, Mass. Safety paper. Des. 62,538; June 19.
Ryan, Albert J., Cincinnati, Ohio. Machine for molding box toes. 1,441,456; Jan. 9.
Ryan, Albert J., Cincinnati, Ohio. Forming box toes for shoes. 1,453,526; May 1.
Ryan, Albert J., Cincinnati, Ohio. Felt-treating machine. 1,471,980; Oct. 23.
Ryan, Daniel E. (See Fields, J. T., and Ryan.)
Ryan, Frederick J., Toronto, Ontario, Canada. Auto signal. 1,452,392; Apr. 17.
Ryan, George E., East Taunton, Mass. Heat-deflection shield. 1,455,551; May 15.
Ryan, Henry P., Vulcan, Alberta, Canada. Hose clamp. 1,442,909; Jan. 23.
Ryan, John F., Huntington, W. Va. Advertising and the like display device. 1,478,402; Dec. 25.
Ryan, John H., Kalamazoo, Mich. Satin white and process of manufacture. 1,470,765; Oct. 16.
Ryan, John J., Hopkins, Minn. Coaster wagon. 1,469,821; Oct. 9.
Ryan, John W., assignor to Fairbairn Lawson Combe Barbour Limited, Leeds, York, England. Faller or gill bar for treating textile substances. 1,463,844; Aug. 7.
Ryan, Joseph P., Hartford, Conn. Ball-collecting device. 1,463,845; Aug. 7.
Ryan, Mathew F., Florence, Mass. Sand-filter valve. 1,470,290; Oct. 9.
Ryan, Michael H., assignor of one-tenth to J. J. Peyron, San Bernardino, Calif. Air-brake emergency check valve. 1,463,767; July 31.
Ryan, Michael W., and M. Uttendorfer, Seattle, Wash. Radiator meter. 1,469,444; Oct. 2.
Ryan, Michael W., and M. Uttendorfer, Seattle, Wash. Radiator meter. 1,469,445; Oct. 2.
Ryan, Miles J., and G. F. Jones, Springfield, Mass. Advertising device. 1,441,245; Jan. 9.
Ryan, Nicholas J., Tuckahoe, N. Y. Indicator for car seats. 1,460,984; July 3.
Ryan, Patrick, Astoria, N. Y. Apparatus for taking and preserving finger-print impressions. 1,466,032; Aug. 28.
Ryan, Thomas A., Yonkers, N. Y. Eyeglasses and spectacles. 1,440,799; Jan. 2.
Ryan, Thomas A., Yonkers, N. Y. Locking device for motor vehicles. 1,448,462; Mar. 13.
Ryan, Thomas A., Yonkers, N. Y. Safety razor. 1,468,082; Sept. 18.
Ryan, Thomas A., Yonkers, N. Y. Firearm. 1,472,737; Oct. 30.
Ryan, Thomas L., Muncie, Ind. Distributor stand. 1,442,974; Jan. 23.
Ryan, Walter D., Schenectady, N. Y. Headlight. 1,451,983; Apr. 17.
Ryan, William, Paso Robles, Calif. Demountable rim. 1,459,993; June 26.
Ryan, William F. (See Loesch, Milton C., assignor.)
Ryback, Anthony S., Depew, N. Y. Mechanical toy. 1,474,852; Nov. 20.
Rybicky, Antonina, New London, Conn. Sanitary cuspidor. 1,451,554; Apr. 10.
Rybicky, Antonina, New London, Conn. Combination bed, dresser, and chiffonier. 1,464,295; Aug. 7.
Ryburg, Emmett P., Kansas City, Mo., assignor of one-half to A. Lotz, jr., Eudora, Kans. Container cap. 1,477,772; Dec. 18.
Rycraft, Eva L., Denver, Colo. Burglar alarm. 1,445,974; Feb. 20.
Rycroft, Robert G., Greenfield, Okla. Mechanical cotton picker. 1,447,328; Mar. 6.
Rydberg, Gunnar H., Auburn, R. I. Shade shield. 1,471,572; Oct. 23.
Rydeen, Claus G., Chicago, Ill. Driving attachment. 1,445,241; Feb. 13.
Ryder, Ely M. T., Yonkers, N. Y. Welded rail joint. 1,458,362; June 12.
Ryder, Frank A., Chicago, Ill. Spark gap. 1,467,882; Sept. 11.
Ryder, Frank H. (See Rowley, A. W., and Ryder.)
Ryder, James C. (See Rudolf, F. A., and Ryder.)
Ryder, John P., Kansas City, Mo. Gas guard and lubricator for steam engines. 1,456,011; May 22.
Ryding, Herbert C., Birmingham, Ala. Gas cleaner. 1,464,113; Aug. 7.
Ryerson, Joseph T. (See Mikshel, John J., assignor.)
Ryerson, Joseph T., & Son. (See Conradson, Conrad M., assignor.)
Rygiel, Andrew, and J. Stern, New York, N. Y. Safety device for motor vehicles. 1,456,465; May 22.
Rylander Company, The. (See Rylander, James B., assignor.)
Rylander, James B., assignor to The Rylander Company, Austin, Tex. Seed separator. 1,478,616; Dec. 25.
Rylander, Walter, Americus, Ga. Lamp. Des. 63,006; Sept. 4.
Ryman, Harry L., Minneapolis, Minn. Drifting mechanism for locomotives. 1,449,199; Mar. 20.
Rymer, John E., Hyattsville, Md. Piston packing ring. 1,440,895; Jan. 2.
Rynearson, Eugene, Dallas, Tex. Lock for meter boxes. 1,442,446; Jan. 16.
Ryon, Eppa H. (See Knowlton, C. E., and Ryon.)
Ryon, Eppa H., Waltham, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Dobby hook. 1,444,941; Feb. 13.
Ryon, Eppa H., Waltham, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Tube-frame bracket. 1,458,312; June 12.
Ryon, Eppa H., Waltham, Mass., assignor to Crompton & Knowles Loom Works. Spool-bearing bracket for yarn-tube frames. 1,462,520; July 24.
Ryon, Eppa H., Waltham, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft-carrier magazine. 1,467,653; Sept. 11.
Ryon, Eppa H., Waltham, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle-changing loom. 1,476,847; Dec. 11.
Ryon, Tracy B., Waltham, Mass. Switching mechanism. 1,453,024; Apr. 24.
Rypinski, Albert B., Laurelton, N. Y., assignor to T. E. Murray, Long Island, N. Y. Electric riveting machine and process. 1,451,894; Apr. 17.
Rysdon, Charles, Sioux Falls, S. Dak. Pan. 1,463,063; July 24.
Ryson, Daniel, Emerado, N. Dak. Clevis. 1,456,680; May 29.
Rystedt-Engineering Company. (See Rystedt, Ingemar K., assignor.)
Rystedt, Ingemar K., assignor to The Rystedt-Engineering Company, Dayton, Ohio. Game figure. Des. 63,007; Sept. 4.
Ryther, Henry A., Montague, assignor to Millers Falls Company, Millers Falls, Mass. Chuck. 1,470,197; Oct. 9.
Ryzowicz, Louis, and J. J. Bolek, Cleveland, Ohio. Incandescent lamp. 1,460,143; June 26.
S. D. S. Experimental Laboratories Company. (See Spikes, Richard B., assignor.)
S. E. Company. (See Dundas, R. C., and Howes, assignors.)
S. K. Neckwear Limited, The. (See Stonge, Harvey E., assignor.)
S. K. F. Ball Bearing Company. (See Hird, Charles, assignor.)
S-P Manufacturing Company, The. (See Olson, John A., assignor.)
S. S. White Dental Manufacturing Company, The. (See Heck, George D., assignor.)
S. S. White Dental Manufacturing Company, The. (See Porter, Will R., assignor.)
S. S. P. Manufacturing Co. (See Werbeck, Walter G., assignor.)
S. T. D. Recording Instrument Corp. (See Wallbillich, Anthony F., assignor.)
Saal, Henry G. (See Schroder, Fred F., assignor.)
Saal, Henry G. (See Stafford, Frederick S., assignor.)
Saal, Henry G., Chicago, Ill. Speed-governing mechanism. 1,468,083; Sept. 18.
Saalburg, Charles W., assignor to Animated Picture Products Company, New York, N. Y. Picture. 1,449,914; Mar. 27.
Saalburg, Charles W., New York, N. Y., assignor to Animated Picture Products Co. Inc. Composite picture. 1,465,564; Aug. 21.
Saalburg, Charles W., assignor to Animated Picture Products Company, New York, N. Y. Movable design. 1,477,080; Dec. 11.
Saart Brothers Company. (See Veillette, Alfred, assignor.)
Sabarros, Louis, Bayonne, France. Apparatus for mechanical handling of goods. 1,467,504; Sept. 11.
Sabbag, Litfallah G., Boston, Mass., assignor, by mesne assignments, to W. W. Miller, Martinsville, Va. Traveler stop for spinning rings. 1,460,144; June 26.
Sabbag, Litfallah G., East Boston, Mass., and R. Anton, Dover, N. H.; said Sabbag assignor to said Anton. Brake and gas control for self-propelled vehicles. 1,472,993; Nov. 6.
Sabel, John C. (See Kandler, E., and Sabel.)
Sabey, John S., Paia, Hawaii. Airplane. 1,465,868; Aug. 21.
Sabin, Emory M., Kantner, Pa. Self-vulcanizing boot tor tire casings. 1,441,176; Jan. 2.
Sabin, James O., Wapello, Iowa. Poultry roost. 1,443,278; Jan. 23.
Sabine, Paul E., assignor of one-half to Riverbank Laboratories, Geneva, Ill. Sound-absorbing plaster. 1,458,631; June 12.
Sabold, Oliver W., Boyertown, assignor to Colebrookdale Iron Company, Pottstown, Pa. Gas-heated sadiron connection. 1,478,531; Dec. 25.

Sabroe, Axel, Hadersley, Denmark. Milking machine. 1,477,978; Dec. 18.
Sabulite (Great Britain) Limited et al. (See McCandlish, William H., assignor.)
Sacchi, Gustavo A., Pittsburgh, Pa., assignor to Westinghouse Electric and Manufacturing Company. Fluid pump. 1,464,296; Aug. 7.
Saccone, Vincenzo, Johnstown, Pa. Extension stepladder. 1,441,529; Jan. 9.
Sacerdote, Secondo, and S. Cristiani, Milan, Italy. Thermoelectric heat-accumulating cooking stove. 1,478,919; Dec. 25.
Sachnoff, George, Brooklyn, N. Y. Fastener for fur garments. 1,473,710; Nov. 13.
Sachs, Albert P. (See Rothberg, P., and Sachs.)
Sachs, Joseph. (See Sachs, Kelvin N. and J.)
Sachs, Joseph, Hartford, Conn. Switch-operating mechanism. 1,444,556; Feb. 6.
Sachs, Joseph, Hartford, Conn. Switch-operating mechanism. 1,444,557; Feb. 6.
Sachs, Joseph, Hartford, Conn. Electric-appliance-receiving and meter-protecting box or casing. 1,458,728; June 12.
Sachs, Joseph, Hartford, Conn. Incased circuit connecting and controlling device. 1,465,688; Aug. 21.
Sachs, Kelvin N. and J., Hartford, Conn. Means for cushioning transmission shafts. 1,464,220; Aug. 7.
Sachs, Louis A. (See Hergenreder, A., and Sachs.)
Sacket, Grace H., Racine, Wis. Hat or the like. 1,468,404; Sept. 18.
Sackett, Pomeroy D., St. Paul, Minn. Automatic shut-off valve for fuel tanks. 1,474,556; Nov. 20.
Sackner, Wade E., Grand Rapids, Mich. Form. 1,477,388; Dec. 11.
Sacks, George P. (See White, George S., assignor.)
Sacks, Magnus, Brooklyn, N. Y. Trap. 1,441,118; Jan. 2.
Sacksteder, Andrew H., Tiffin, Ohio. Washing machine. 1,453,606; May 1.
Saco-Lowell Shops. (See Daniloff, Serge, assignor.)
Saco-Lowell Shops. (See Feaster, Edward B., assignor.)
Saco-Lowell Shops. (See Howe, Charles W., assignor.)
Saco-Lowell Shops. (See Whittier, J. K., and Curley, assignors.)
Sadenwater, Frank, Michigan City, Ind. Baseball bat. 1,450,646; Apr. 3.
Saegesser, Albert W., Granite City, Ill. Lock for automobile wheels. 1,476,467; Dec. 4.
Saeki, Kurasuke, Akasaka-Ku, Tokyo, Japan. Reciprocating straight-motion pump. 1,448,315; Mar. 13.
Saeter, Harold. (See Stone, N. P., and Saeter.)
Safberg, Bror F., assignor to Carbondale Machine Company, Carbondale, Pa. Double-pipe condenser. 1,447,518; Mar. 6.
Saf-De-Lite Corporation. (See Montague, Carroll H., assigsor.)
Safe-Cabinet Company, The. (See Dick, R. H., and Wolters, assignors.)
Safepack Mills. (See Schenkelberger, Albert F., assignor.)
Safety Appliances Corporation. (See Purnell, W. J., Chase, and Young, assignors.)
Safety Automatic Toy Company, The. (See Brinkman, Louis G., assignor.)
Safety Car Coupler Company. (See Flinn, Frank P., assignor.)
Safety Car Heating & Lighting Company, The. (See Hulse, George E., assignor.)
Safety Car Heating & Lighting Company, The. (See Rumpf, John, assignor.)
Safety Car Heating & Lighting Company, The. (See Vuilleumier, Rudolph, assignor.)
Safety Car Heating & Lighting Company, The. (See Tabb, Warner T., assignor.)
Safety Concrete Incinerator Co. (See Feigenbaum, Joseph, assignor.)
Safety Electric Company, The. (See Baum, Harold A., assignor.)
Safety Equipment Service Company, The. (See Nutt, Buell W., assignor.)
Safety First Auto-Tail-Light Company. (See Nicholson, G. W., and Kelly, assignors.)
Safety Release Clevis Co. (See Hulsebos, A. B., and Den Besten, assignors.)
Safety Shoe Rest & Shoe Shining Company. (See Hontos, James G., assignor.)
Saffert, George J., New Ulm, Minn. Concrete door-frame construction. 1,451,713; Apr. 17.
Saffert, George J., New Ulm, Minn. Means for molding concrete blocks. 1,451,714; Apr. 17.
Saffold, Ray P., Bisbee, Ariz. Tractor. 1,462,304; July 17.
Safford, Henry, Little Rock, Ark. Projectile. 1,464,221; Aug. 7.
Safford, Wilford S. (See Harvey, Frank R., assignor.)
Safstrom, Gustaf A., Chicago, Ill. Internal-combustion-engine equipment. 1,477,188; Dec. 11.
Sage, Bright, East Orange, N. J. Quick-acting closure for receptacles. 1,473,162; Nov. 6.
Sage, Ralph V., Philadelphia, and G. E. Thackray, Westmont Borough, Pa. Combined spring cap and truck bolster column guide. 1,459,799; June 26.
Sage, Richard W., Augusta, Kans. Band-wheel-turning device. 1,478,300; Dec. 18.
Sage, Richard W., and H. R. Boughner, Augusta, Kans. Sand-reel-operating mechanism. 1,476,648; Dec. 4.
Sager Company, J. H. (See Sager, James H., assignor.)
Sager, Edgar R., U. S. Army. Wire cart. 1,461,939; July 17.
Sager, Fredrick, Tulsa, Okla., and H. R. Hardenburg, Kansas City, Mo. Well reamer. 1,454,863; May 15.
Sager, George A., Albany, N. Y. Safety boiler plug and installing same. 1,446,812; Feb. 27.
Sager, George A., Albany, N. Y. Installing safety boiler plugs. 1,446,813; Feb. 27.
Sager, George A., Albany, N. Y. Thermally-controlled audible signal. 1,464,222; Aug. 7.
Sager, George A., Albany, N. Y. Thermally-controlled valve for low-water safety telltales. 1,476,422; Dec. 4.
Sager, James H., assignor to J. H. Sager Company, Rochester, N. Y. Bumper. 1,470,648; Oct. 16.
Sager, John W. (See Thronsen, S., and Sager.)
Saginaw Ladder Co., The. (See Stevens, Charles C., assignor.)
Saginaw Manufacturing Company. (See Gilbert, Henry J., assignor.)
Sago, Charles, Old Forge, Pa. Portable fire escape. 1,465,182; Aug. 14.
Sague, George, Oakes, N. Y. Printing press. 1,442,098; Jan. 16.
Sahl, Harry W. (See Wigness, C. R., and Sahl.)
Sahlberg, Rolf K. O., Stockholm, Sweden. Concrete tie. 1,443,891; Jan. 30.
Sahlin, Henry, Boston, assignor to E. B. Feaster, Arlington, Mass. Flier and making the same. 1,444,008; Feb. 6.
Sahlstrom, Gustav R., Sheridan, Wyo. Vehicle spring. 1,472,682; Oct. 30.
Sahuc, Jacques A., Castelane-Montratier, France. Valve. 1,475,554; Nov. 27.
Saiger, Lewis. (See Kennedy, B., and Saiger.)
Sainsbury, James T., assignor of one-third to G. F. Yates, Buffalo, N. Y. Ventilating apparatus for automobiles. 1,478,403; Dec. 25.
Saint, Aimée M., Kaplan, La. Preparing whole rice. Re. 15,522; Jan. 9.
St. Clair, Byron W., Lynn, Mass., assignor to General Electric Company. Instrument needle. 1,449,705; Mar. 27.
St. Clair, Julia A., San Antonio, Tex. Fastener for buttons, etc. 1,447,634; Mar. 6.
St. Claire, Ethelbert M. (See Farnsworth, A. J., and St. Claire.)
St. Cloud, Virgil, Raleigh, N. C. Doorcheck. 1,469,698; Oct. 2.
St. John, Archibald D., Maplewood, N. J. Plasticiser for cellulose plastics. 1,462,306; July 17.
St. John, Spencer H., Long Beach, Calif. Well-pipe screen. 1,460,735; July 3.
St. Louis Brass Manufacturing Company. (See Drees, Clemens J., assignor.)
St. Louis Brass Manufacturing Company. (See Guth, Edwin F., assignor.)
St. Louis Butchers' and Hotel Supply Company. (See Wenke, C. W., and Ketterer, assignors.)
St. Louis Coffin Company. (See Paden, Robert F., assignor.)
St. Louis Frog & Switch Co. (See Einstein, Robert E., assignor.)
St. Louis Pump & Equipment Company. (See Hinds, Sherwood, assignor.)
St. Louis Stove Company. (See Futral, Richard, assignor.)
St. Mungo Manufacturing Company of America. (See Loomis, Evarts G., assignor.)
St. Onge, Amasa, Providence, R. I. Damper-controlling means for cotton-picking machine. 1,462,307; July 17.
St. Peter, Napoleon, Fairfield, assignor of one-half to F. E. Handy, Portland, Me. Collapsible box. 1,476,654; Dec. 4.
St. Pierre, Henry, Worcester, Mass. Antiskid device. 1,467,114; Sept. 4.
St. Stephens, Raynar de H., Camborne, and A. Ewing, London, England. Percussive rock drill and the like. 1,466,516; Aug. 28.
Saives, Léon, assignor to L. Renault, Billancourt, France. Automobile and like vehicle. 1,443,594; Jan. 30.
Sajeski, Anthony, Nanticoke, Pa. Automobile direction indicator. 1,460,921; July 3.
Saklatwalla, Byramji D., and A. N. Anderson, Crafton, Pa., assignors, by mesne assignments, to Vanadium Corporation of America, New York, N. Y. Interrupter. 1,458,729; June 12.
Sakryd, Charles H. (See Drefahl, L. C., and Sakryd.)
Sala, Frank, Chicago, Ill. Horseshoe. 1,447,153; Feb. 27.
Saladiner, Joseph M., Bryan, Tex. Gathering attachment for boll-weevil exterminators. 1,458,853; June 12.
Saladiner, Joseph M., Bryan, Tex. Seed and poison pouch. 1,458,854; June 12.
Salamon, Rudolf, New York, N. Y. Window lock and alarm. 1,469,446; Oct. 2.
Salazar, Emilio R., Habana, Cuba. Automatic train stop. 1,463,096; July 24.
Saldarini, Charles. (See Ugnon, C., Galoppa, and Saldarini.)

Salerno, Ferdinando G., Chicago, Ill. Detachable box cover. 1,464,508; Aug. 14.
Sales, Alexander. (See McGuire, Eugene L., assignor.)
Sales Corporation, The. (See Allard, Andrew J., assignor.)
Salfisberg, Leroy L. (See Macdonald, C. H., and Salfisberg.)
Salfisberg, Leroy L., assignor to Ivers-Lee Company, Newark, N. J. Packaging machine. 1,476,222; Dec. 4.
Salfisberg, Leroy L., assignor to Ivers-Lee Company, Newark, N. J. Method of and apparatus for feeding articles. 1,476,223; Dec. 4.
Salfisberg, Leroy L., assignor to Ivers-Lee Company, Newark, N. J. Apparatus for feeding articles. 1,476,224; Dec. 4.
Salin, Rachel, neé Levý, Paris, France. Fastening device for doors of motor vehicles. 1,441,530; Jan. 9.
Salinas, José R., Monterey, Mexico. Flycatcher. 1,477,081; Dec. 11.
Saline, A. W. (See Holmes, Roy B., assignor.)
Salins, Georges A., Vincennes, assignor to Pathe Cinema, Anciens Establissements Pathe Freres, Paris, France. Machine for treating cinematographic films. 1,461,329; July 10.
Salisbury, George F., Minneapolis, Minn. Combined awning and shade. 1,466,600; Aug. 28.
Salisbury, Herbert S., Waltham, Mass. Clothespin bag. 1,476,423; Dec. 4.
Salisbury, Orlando B., Brooklyn, N. Y. Shoe. 1,455,887; May 22.
Salisbury, Robert F., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Making steam-jacketed kettle outlets. 1,450,231; Apr. 3.
Salisbury, Robert F., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Expanding roller tool. 1,460,079; June 26.
Sall, George E., Greeley, Colo. Rim tool. 1,466,964; Sept. 4.
Sallada, Clarence E., Huron, S. Dak. Air moistener. 1,458,549; June 12.
Sallade, William E. (See Sterling, M. C., and Sallade.)
Salm, John, Torrance, Calif. Back of a mirror, hairbrush, or similar article. Des. 62,068; Mar. 13.
Salm, John, Torrance, Calif. Handle for a toilet article. Des. 62,246; Apr. 24.
Salm, John, Torrance, Calif. Handle for a manicure article. Des. 62,247; Apr. 24.
Salm, John, Torrance, Calif. Handle for a manicure article. Des. 62,248; Apr. 24.
Salm, John, Torrance, Calif. Handle for a manicure article. Des. 62,249; Apr. 24.
Salm, John, Torrance, Calif. Handle for a manicure article. Des. 62,555; June 19.
Salm, John, Torrance, Calif. Handle for a manicure article. Des. 62,556; June 19.
Salmon, Edward W., jr., Baltimore, Md., assignor, by mesne assignments, to American Film-Safe Corporation. Film-torage cabinet. 1,445,975; Feb. 20.
Saloun, Martin, Milwaukee, Wis. Preserving receptacle. 1,467,338; Sept. 11.
Salsich, Neil E., Bethlehem, Pa. Switch stand. 1,442,702; Jan. 16.
Salt Lake Stamp Company. (See Hennefer, Edwin F., assignor.)
Salter, Albert L. (See Atherton, C. N., and Salter.)
Salter, Horace E., assignor of one-half to H. A. Ball, Grafton, N. Dak. Envelope. 1,453,189; Apr. 24.
Salters, William, et al. (See Jacobs, John J., assignor.)
Saltzgaber, Harry V. (See Day, William A., assignor.)
Salus, Joseph, St. Paul, Minn. Vehicle wheel. 1,446,932; Feb. 27.
Salyer, Harry M., Bloomfield, N. J. Pneumatic control. 1,472,027; Oct. 23.
Salz, Frederick W., Cleveland, Ohio, assignor to General Electric Company. Device for incandescent lamps. 1,468,084; Sept. 18.
Samaha, Mansour, Washington, D. C. Building construction. 1,477,451; Dec. 11.
Samain, Pierre, Cusy, Haute-Savoie, France. Automatic hydraulic apparatus. 1,466,412; Aug. 28.
Samanich, Andrew, Los Angeles, Calif. Lock bolt. 1,453,952; May 1.
Samborsky, Andrew, St. Louis, Mo. Guard for electric switches. 1,477,389; Dec. 11.
Sametz, James, New York, N. Y. Propeller screw. 1,462,424; July 17.
Samland, Frank, and G. Skow, Omaha, Nebr. Spark plug. 1,465,869; Aug. 21.
Sammarone, Amato N., Cleveland, Ohio. Electrodynamic machine. 1,467,339; Sept. 11.
Sammes, Frank D., Carlinville, Ill. Ventilator. 1,450,819; Apr. 3.
Sammet, Charles F., Dalton, Mass., assignor to Process Engineers, Incorporated, New York, N. Y. Paper tester. 1,447,185; Mar. 6.
Samminiatelli, Oreste, East Toledo, Ohio. Combined railway steel tie and rail fastener. 1,450,820; Apr. 3.
Samo, William H., New York, N. Y. Toilet seat. 1,443,804; Jan. 30.
Sampietro, Cornelius, Brooklyn, N. Y. Device for adjusting violin bows. 1,449,298; Mar. 20.
Sample, Henry C., Chicago, Ill. Lifter for culinary utensils. 1,471,005; Oct. 16.
Samples, Everett J., and L. C. McDonald, Kansas City, Mo. Reflector. 1,448,870; Mar. 20.
Sampson, Archibald T., assignor to Sampson Axcess System, Inc., Lynn, Mass. Pipe-cutting apparatus. 1,449,150; Mar. 20.
Sampson, Archibald T., assignor to Sampson Axcess System, Inc., Lynn, Mass. System of electrical construction. 1,452,169; Apr. 17.
Sampson, Archibald T., assignor to Sampson Axcess System, Inc., Lynn, Mass. Adjustable armored bracket. 1,458,916; June 12.
Sampson, Archibald T., assignor to Sampson Axcess System, Inc., Lynn, Mass. Pipe-cutting machine. 1,478,065; Dec. 18.
Sampson, Archibald T., assignor to Sampson Axcess System, Inc., Lynn, Mass. Lighting and power fixture. 1,478,066; Dec. 18.
Sampson Axcess System, Inc. (See Sampson, Archibald T., assignor.)
Sampson, Everett T., Franklin, Mass. Yarn clamp. 1,466,485; Aug. 28.
Sampson, Frank A., jr., Kingston, Mass. Tray or sink leg. 1,468,578; Sept. 18.
Sampson, Fred A., Forest Lake, Minn. Scaffold. 1,449,700; Mar. 27.
Sampson, May C. (See Paquette, Napoléon, assignor.)
Sampson, Melvin J., Cleveland, Ohio. Carpenter's bench clamp. 1,449,552; Mar. 27.
Sampson, Otis. (See Sampson, Willis G. and O.)
Sampson, Willis G. and O., Hansen, Idaho. Pneumatic-tire pressure gauge and signal. 1,445,043; Feb. 13.
Samsel, Apolonia, New Bedford, Mass. Ash sifter. 1,476,225; Dec. 4.
Samsioe, Carl A. R., Stockholm, Sweden. Cleaning paste. 1,460,039; June 26.
Samson, Alfred A., Chicago, Ill. Belt guide and shifting mechanism. 1,478,839; Dec. 25.
Samuel, Albert, Paris, France. Envelope, postal wrapper, or the like. 1,463,442; July 31.
Samuel, Frederick W., New York, N. Y. Necktie rack. 1,466,564; Aug. 28.
Samuel, Georg, Berlin, Germany. Drilling tool. 1,446,662; Feb. 27.
Samuell, Charles A., Hedgesville, Mont. Well tool. 1,452,444; Apr. 17.
Samuels, Benjamin F. (See Haworth, Henry G., assignor.)
Samuels, Nicholas W. (See McQuaid, J. J., and Samuels.)
Samuels, Philip, Lowell, Mass. Manifold for gasoline engines. 1,457,003; May 29.
Samuelson, Agnes C., executrix. (See Samuelson, Edward H.)
Samuelson, Charles T., New Orleans, La. Fluid ejector. 1,442,298; Jan. 16.
Samuelson, Edward H., deceased, Long Beach, Calif.; A. C. Samuelson, executrix. Mouse and rat trap. 1,446,130; Feb. 20.
San Diego, Consolidated Gas & Electric Company. (See Klauber, Laurence M., assignor.)
San Diego Consolidated Gas and Electric Company. (See Watson, William V., assignor.)
Sanborn, Edgar M., Oakland, Calif. Backing alarm and signal for automobiles. 1,469,337; Oct. 2.
Sanborn, George H., Malden, Mass. Automatic train-control device. 1,447,227; Mar. 6.
Sanburn, Willis H., Springfield, Mass. Paper-roll track for paper machines. 1,456,077; May 22.
Sanchez, Leo C., Cumanayagua, Cuba. Bookstand attachment for beds. 1,470,487; Oct. 9.
Sandage, Isaac H., Sandpoint, Idaho. Reciprocating saw. 1,459,604; June 19.
Sandberg, August. (See Rork, C. E., and Sandberg.)
Sandberg, Axel G., Worcester, assignor to H. Orth, Boston, Mass. Coin box for telephones. 1,465,185; Aug. 14.
Sandberg, Charles J., Chicago, Ill. Shoe-lace-tie retainer. 1,446,663; Feb. 27.
Sandberg, Swan A., and A. F. Jeanblanc, Lee Center, Ill. Lever control for clutch pedals. 1,452,170; Apr. 17.
Sandbo, Anton I., Rock Island, Ill. Wheel alignment indicator. 1,477,450; Dec. 11.
Sandell, Henry K., assignor to H. S. Mills, Chicago, Ill. Sound record. 1,442,299; Jan. 16.
Sandell, Henry K., Chicago, Ill., assignor to H. S. Mills. Dynamo-electric machine. 1,471,067; Oct. 16.
Sander, Alfred H., Maplewood, N. J., assignor to George Borgfeldt & Co., New York, N. Y. Coffee percolator, teapot, or similar article. Des. 62,416; May 22.
Sander, Alfred H., Maplewood, N. J., assignor to George Borgfeldt & Co., New York, N. Y. Teapot or similar article. Des. 62,417; May 22.
Sander, Alfred H., Maplewood, N. J., assignor to George Borgfeldt & Co., New York, N. Y. Teapot or similar article. Des. 62,418; May 22.
Sander, Alfred H., Maplewood, N. J., assignor to George Borgfeldt & Co., New York, N. Y. Teapot or similar article. Des. 63,040; Sept. 18.
Sander, Jacob C., Lynn, assignor to Thompson Spot Welder Company, Boston, Mass. Uniting metal plates. 1,455,811; May 22.
Sander, John. (See Bock, Herman, assignor.)
Sander, Willy, assignor to Firm of Carl Zeiss, Jena, Germany. Stereoautograph. 1,477,082; Dec. 11.

Sanders, Albert C., Helena, Ark. Shield. 1,462,127; July 17.
Sanders, Alfred J., Spokane, Wash. Electric lamp. 1,474,735; Nov. 20.
Sanders, Charlan E. (See Shannon, R. W., and Sanders.)
Sanders, Emitt. (See Taylor, C. F., and Sanders.)
Sanders, Ernest E., San Francisco, Calif. Surgical device for optical operations. 1,441,754; Jan. 9.
Sanders, Frank M., Red Rock, Okla. Tractor shield. 1,442,237; Jan. 16.
Sanders, Harold C., Newport, England. Electrical double-pole switching plug. 1,468,577; Sept. 18.
Sanders, James B., Basic, Va. Can opener. 1,450,894; Apr. 3.
Sanders, James E., Great Falls, Mont. Vapor stove. 1,450,870; Apr. 3.
Sanders, James I., Columbus, Kans. Float. 1,466,601; Aug. 28.
Sanders, James M., Hillsboro, Ohio. Auger bit. 1,465,870; Aug. 21.
Sanders, John, assignor of one-half to C. Whitehead, Denver, Colo. Automobile gear-shift pedal lock. 1,450,050; Mar. 27.
Sanders, John C., Harrisburg, Pa. Collar clip. 1,449,060; Mar. 20.
Sanders, Joseph C., assignor to American Foundry & Manufacturing Company, St. Louis, Mo. Floor drain. 1,448,769; Mar. 20.
Sanders, Robert G. (See Martel, E. J., and Sanders.)
Sanders, Roy W. (See Smith, G. B., and Sanders.)
Sanders, Thomas, Kingman, Ind. Trolley-wheel mount. 1,441,755; Jan. 9.
Sanders, Walter E., assignor to Essex Rubber Company, Trenton, N. J. Shipping container. 1,453,480; May 1.
Sanderson, William, assignor to Simplex Manufacturing Company, Conneautville, Pa. Brake. 1,443,093; Jan. 23.
Sandholm, John. (See Tommasi, C., Sandholm, Danneel, and Busch.)
Sandiford, William, Joliet, Ill. Feed pinion. 1,465,486; Aug. 21.
Sandilands, James, Toronto, Ontario, Canada. Automatic valves. 1,451,895; Apr. 17.
Sandland, George E. (See Smith, R. L., and Sandland.)
Sandlin, James W., Humble, Tex. Pump valve. 1,443,436; Jan. 30.
Sandman, August G., Baltimore, Md. Journal box. 1,458,780; June 12.
Sando, Will J., Milwaukee, Wis. System for treating activated sludge. 1,465,001; Aug. 14.
Sandoe, Clarence J., St. Louis, Mo. Screening device. 1,472,439; Oct. 30.
Sandor, Nicholas, Dresden, Germany. Egg crate. 1,461,099; July 10.
Sandor, Paul L., Theresa, Saskatchewan, Canada. Soldering iron. 1,441,537; Jan. 9.
Sands, Asa D., Camden, N. J. Receptacle plate for electrical outlets. 1,454,081; May 8.
Sands, Charles A. (See Abbott, G. F., and Sands.)
Sands, F. M. (See Hubbard, E., and Bahrs, assignors.)
Sands, Filandro H., Nassau, Bahama Islands. Horse-drawn cycle. 1,453,190; Apr. 24.
Sands, Jesse L., Fairmont, W. Va. Crank. 1,466,148; Aug. 28.
Sands, Roy G., Waukegan, Ill., assignor to Frank B. Cook Company, Chicago, Ill. Fuse. 1,443,886; Jan. 30.
Sands, Roy G., Waukegan, assignor to Frank B. Cook Company, Chicago, Ill. Lightning arrester and heat coil. 1,468,650; Sept. 25.
Sands, Roy G., Waukegan, assignor to Cook Electric Company, Chicago, Ill. Renewable electric fuse. 1,473,646; Nov. 13.
Sands, Roy G., assignor to Cook Electric Company, Chicago, Ill. Renewable electric fuse. 1,473,647; Nov. 13.
Sands, Roy G., Waukegan, J. C. Bogle, Oak Park, and G. R. Folds, Evanston, Ill., assignors to Frank B. Cook Company, Chicago, Ill. Fuse. 1,443,887; Jan. 30.
Sandt, Arthur R. (See Lynch, J. E., and Sandt.)
Sandusky Foundry & Machine Company, The. (See Millspaugh, William H., assignor.)
Sandvoss, Hermann, Frankfort-on-the-Main, Germany. Thermostat. 1,453,769; May 1.
Sanford, Andrew J., assignor to A. H. Heisey & Co., Newark, Ohio. Pitcher. Des. 62,675; July 17.
Sanford, Andrew J., assignor to A. H. Heisey & Co., Newark, Ohio. Bottle or similar article. Des. 62,963: Aug. 28.
Sanford, Augustine C., Chicago, Ill. Combined desk and seat. 1,454,565; May 8.
Sanford, Floyd N., assignor to Hacker Manufacturing Company, Chicago, Ill. Apparatus for placing backs upon objects. 1,441,885; Jan. 9.
Sanford, Floyd N., assignor to Hacker Manufacturing Co., Chicago, Ill. Press. 1,466,730; Sept. 4.
Sanford, Henry H., Mansfield, Ohio. Gas heater. 1,459,994; June 26.
Sanford, Hugh W., Knoxville, Tenn. Railway car. 1,470,391; Oct. 9.
Sanford, Hugh W., Knoxville, Tenn. Hub and journal box. 1,477,449; Dec. 11.
Sanford Mills. (See Creasey, Samuel E., assignor.)
Sanford Riley Stoker Co. (See Riley, Robert S., assignor.)
Sanford Riley Stoker Co. (See Sheldon, Otis C., assignor.)
Sanford, Stephen, & Sons, Inc. (See Barkley, Danford, assignor.)
Sanford, Stephen, & Sons, Inc. (See Handley, John H., assignor.)
Sanford, Stephen, & Sons, Inc. (See Miller, Henry A., assignor.)
Sanford, Stephen, & Sons, Inc. (See Rainsford, Francis F., assignor.)
Sangama Electric Company. (See Holtz, Frederick C., assignor.)
Sanger, Lillian N., Framingham, Mass. Doll. Des. 63,589; Dec. 18.
Sanger, Walter E., assignor to William Garrigue & Company, Inc., New York, N. Y. Process of and apparatus for distilling liquids. 1,452,617; Apr. 24.
Sangren, Harry A., assignor to American Optical Company, Southbridge, Mass. Strap fastener for eyeglasses. 1,471,360; Oct. 23.
Sangston, Lawrence R., Loveland, Colo. Package-tying device. 1,461,584; July 10.
Sanguinetti, Domingo, Buenos Aires, Argentina. Colored artificial asphaltum. 1,465,317; Aug. 21.
Sanitary Novelties Company. (See Llewellyn, George E., assignor.)
Sanitary Products Corporation of America. (See Mallory, George P., assignor.)
Sanitary Products Corporation of America. (See Ruckert, H. E., and Mallory, assignors.)
Sanitary Rubber Novelty Co., The. (See Toeppen, Herwig C., assignor.)
Sanitary Scale Company. (See Ludlow, George M., assignor.)
Sanitax Brush Company. (See Hastings, Roland T. R., assignor.)
Sankey, Edward, Barrow-in-Furness, England. Photographic-printing machine. 1,473,740; Nov. 13.
Sanner Brothers Incorporated. (See Sanner, Celestin, assignor.)
Sanner, Celestin, assignor to Sanner Brothers Incorporated, Philadelphia, Pa. Lubricator. 1,448,041; Mar. 13.
Sanner, John A., Page, W. Va. Rail joint. 1,471,068; Oct. 16.
Sansevero, Ralph, Brooklyn, N. Y. Therapeutic composition. 1,449,299; Mar. 20.
Santaló, Miguel, Barcelona, Spain. Machine for treating skeins of thread. 1,461,330; July 10.
Santarsiero, Anthony V., New York, N. Y. Gas heater. 1,473,322; Nov. 6.
Santarsiero, Antonio V., New York, N. Y. Collapsible boat. 1,462,769; July 24.
Santini, Battista, Roseville, Calif. Nonskid-tire protector. 1,451,054; Apr. 10.
Santoianni, Michel, Chicago, Ill. Toy baby cab. Des. 63,008; Sept. 4.
Santoni, Enotrio R., Ancona, Italy. Contracted or shortened characters for print. 1,466,565; Aug. 28.
Sanymetal Products Company. (See Carpenter, R. F., and Anderson, assignors.)
Sapienza, Benedetto, New York, N. Y. Telephone-call register. 1,455,268; May 15.
Sapp, Thomas, London, England. Sign and advertising device. 1,442,005; Jan. 9.
Sardeson, Robert, Minneapolis, Minn. Relining motor-vehicle brake bands. 1,452,475; Apr. 17.
Sardou, George, New York, N. Y. Folding box. 1,466,344; Aug. 28.
Sargeant, Alfred E., and S. A. Moody, Brisbane, Australia. Filing cabinet. 1,475.555; Nov. 27.
Sargent, Allan C., Westford, Mass., assignor to C. G. Sargent's Sons Corporation. Dry-dusting machine. 1,445,849; Feb. 20.
Sargent, Allan C., Westford, Mass., assignor to C. G. Sargent's Sons Corporation. Rake tooth for carbonizing acid bowls. 1,451,926; Apr. 17.
Sargent, Arthur G., New Haven, Conn. Tire-mileage indicator. 1,471,981; Oct. 23.
Sargent, Charles E., Indianapolis, Ind. Internal-combustion engine. 1,451,407; Apr. 10.
Sargent, Chester F. (See Oleson, Olaf E., assignor.)
Sargent Company. (See Garren, George S., assignor.)
Sargent & Company. (See Kimball, Frank I., assignor.)
Sargent & Company. (See Sargent, Edward R., assignor.)
Sargent & Company. (See Shaw, John H., assignor.)
Sargent & Company. (See Voight, Henry G., assignor.)
Sargent, E. H., & Company. (See Cary-Curr, Henry J., assignor.)
Sargent, Eaton D., assignor to The White Mountain Freezer Co., Inc., Nashua, N. H. Ice-cream freezer. 1,458,855; June 12.
Sargent, Edward R., assignor to Sargent & Company, New Haven, Conn. Casket handle. 1,457,859; June 5.
Sargent, Frederick, Eastport, Me. Paring knife. 1,448,678; Mar. 13.
Sargent, Frederick, Glencoe, Ill., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Ash-discharge apparatus for boilers. 1,441,246; Jan. 9.
Sargent, Frederick G., Westford, Mass., assignor to C. G. Sargent's Sons Corporation. Circulation-regulating means for driers. 1,476,424; Dec. 4.

Sargent, George H., Chicago, Ill. Water gauge. 1,473,741; Nov. 13.
Sargent & Lundy, Incorporated. (See Rossman, Allen M., assignor.)
Sargent, Merle S., Ashtabula, Ohio. Apparatus for and method of cutting separator plates. 1,454,455; May 8.
Sargent, Sumner B., Los Angeles, Calif. Pump-plunger rotor. 1,462,721; July 24.
Sargent, Sumner B., Los Angeles, Calif. Grip for polish rods and the like. 1,476,468; Dec. 4.
Sargent, Sumner B., Los Angeles, Calif. Polish-rod adjuster head. 1,476,469; Dec. 4.
Sargent, Walter E., Detroit, Mich. Die-sinking machine. 1,468,515; Sept. 18.
Sargent's Sons Corporation. (See Sargent, Allan C., assignor.)
Sargent's, C. G., Sons Corporation. (See Furbush, Frank L., assignor.)
Sargent's, C. G., Sons Corporation. (See Sargent, Allan C., assignor.)
Sargent's, C. G., Sons Corporation. (See Sargent, Frederick G., assignor.)
Saring, Courtland, Sharon, Pa. Hidden switch for coil boxes. 1,459,995; June 26.
Sarkisian, Dickran M., Forest Hills, N. Y. Curtain holder. 1,477,286; Dec. 11.
Sarlandt, Oscar J., San Francisco, Calif. Planer-tool holder. 1,460,681; July 3.
Sarles, Sylvia B., Hillsboro, N. Dak. Flour sifter. 1,471,361; Oct. 23.
Saros, Nick, Beverly, Wash. Brace. 1,441,177; Jan. 2.
Sarpy, George, et al. (See Dominguez, Manuel D., assignor.)
Sarrey, Paschal and N. H. Hudson, Stoughton, Mass. Advertising device. 1,470,936; Oct. 16.
Sartain, Louis M., Pelham, Tenn. Rail fastener. 1,453,641; May 1.
Sartain, Louis M., Pelham, Tenn. Lock nut. 1,467,688; Sept. 11.
Sartakoff, Jack D., Forrest Hills, N. Y. Emergency-brake alarm. 1,447,604; Mar. 6.
Sartakoff, Jack D., New York, N. Y. Water-feeding apparatus for storage batteries. 1,469,963; Oct. 9.
Sartakoff, Jack D., Long Island City, N. Y. Storage-battery filler. 1,471,362; Oct. 23.
Sartakoff, Jack D., Forrest Hills, and W. V. Forrest, Brooklyn, N. Y. Automatic water filler for storage batteries. 1,474,169; Nov. 13.
Sartore, Laurence, assignor of one-half to D. Foglia, Pittsburgh, Pa. Stitching mechanism. 1,462,521; July 24.
Sarvey, John L. (See Gendreau, C. J., and Sarvey.)
Sas, Elmer, New York, N. Y. Drink mixer. 1,472,814; Nov. 6.
Sas, Elmer, New York, N. Y. Drink mixer. 1,473,163; Nov. 6.
Sasa, Hidematsu, Tokyo, Japan. Making phthalic anhydride. 1,443,094; Jan. 23.
Sasgen, Michael J., assignor to Grand Specialties Company, Chicago, Ill. Doorstop. 1,473,833; Nov. 13.
Sasgen, Michael J., assignor to Grand Specialties Company, Chicago, Ill. Doorstop. 1,473,834; Nov. 13.
Satchwell, Leonard, assignor to The Rheostatic Company Limited, Slough, Buckinghamshire, England. Grid resistance. 1,467,952; Sept. 11.
Satenstein, Sidney, New York, N. Y., assignor to Alchemic Gold Company, Inc. Stamping bookbindings and the like. 1,460,391; July 3.
Sattler, Carl P., assignor to The Rollaway Motor Company, Toledo, Ohio. Sealing shell for steering-wheel casings. 1,442,975; Jan. 23.
Sattler, John H., assignor to The Steiger & Kerr Stove & Foundry Co., San Francisco, Calif. Gas stove. 1,462,661; July 24.
Sattler, Rudolph, Cincinnati, Ohio. Plate-printing machine. 1,447,433; Mar. 6.
Sattler, Rudolph, Cincinnati, Ohio. Plate-printing machine. 1,447,434; Mar. 6.
Sattler, Rudolph, Cincinnati, Ohio. Plate-printing machine. 1,447,435; Mar. 6.
Sattler, Walter E., New York, N. Y. Dental casting apparatus. 1,477,853; Dec. 18.
Satzger, Edward, sr., Cincinnati, Ohio. Door-core-assembling device. 1,460,503; July 3.
Sauble, Peter P. (See Caltrider, S. P., and Sauble.)
Saucier, Frank, Haines, Alaska. Means for attaching caps and fuses to stick explosives. 1,446,664; Feb. 27
Saucier, Henry L., Providence, R. I. Ratchet socket wrench. 1,453,607; May 1.
Sauczuk, Frank, Brooklyn, N. Y. Push-button switch. 1,444,804; Feb. 13.
Sauer, Emil G., Richmond Hill, N. Y., assignor to Bigelow-Hartford Carpet Company. Rug. Des. 63,328; Nov. 20.
Sauer, Ernst, Schloss Kaibitz, near Kemnath, Germany. Producing intaglio-printing forms. 1,464,140; Aug. 7.
Sauer, Friedrich, Gotha, Germany. Manufacture of wine-yeast preparation. 1,444,276; Feb. 6.
Sauer, Lena, Hamilton, Ohio. Egg beater and cream whip. 1,470,882; Oct. 16.
Sauer, Louis J. (See Joy, C. H., jr., and Sauer.)
Sauerbrei, William N., Richmond Hill, assignor to Wilson Bohannan, Inc., Brooklyn, N. Y. Reversible bolt lock. 1,456,466; May 22.
Sauereisen, Christian F., Pittsburgh, Pa. Insulator. Re15,585; Apr. 24.
Saul, John, Jersey City, N. J. Roof edging. 1,470,331; Oct. 9.
Saul, Tom W., Seattle, Wash. Hair fastener. 1,441,820; Jan. 9.
Saul, Ximena W., Roanoke, Va. Window-shade bracket. 1,448,463; Mar. 13.
Saulnier, Arsene, Waltham, Mass. Clock for warping machines. 1,442,541; Jan. 16.
Saulpaw, Karl D., Calhoun, Tenn. Manufacturing tires. 1,466,942; Sept. 4.
Saunders, Addison T. (See Saunders, George H., assignor.)
Saunders, Albert F., assignor to T. N. Benedict Mfg. Co., East Syracuse, N. Y. Drinking cup. Des. 62,420; May 22.
Saunders, Arthur H., Richmond, Va. Collapsible tube and cut-off therefor. 1,477,452; Dec. 11.
Saunders, Augustus M., McKeesport, assignor to National Tube Company, Pittsburgh, Pa. Pipe. 1,460,769; July 3.
Saunders, Bertram H., Paterson, N. J. Variable-speed drive gear. 1,475,449; Nov. 27.
Saunders, Charles A. L., Elgin, Ill. Shoe liner. 1,460,608; July 3.
Saunders, Edward, assignor of forty-nine one-hundredths to H. Buxton, Denver, Colo. Corn-snapping machine. 1,456,012; May 22.
Saunders, Frank A., Dubuque, Iowa. Valve-actuating means. 1,460,922; July 3.
Saunders, George H., Akron, Ohio, assignor of one-half to A. T. Saunders, Chicopee, Mass. Edible cereal product and making. 1,457,004; May 29.
Saunders, Samuel E., Whippingham, England. Ply board or sheet. 1,444,482; Feb. 6.
Saunders, Samuel R., Green Bay, assignor of one-half to J. Hendricks, South Kaukauna, Wis. Air-cooled cylinder. 1,463,595; July 31.
Saunders, Walter S., assignor to American Forging and Socket Co., Pontiac, Mich. Windshield-top support. 1,478,457; Dec. 25.
Saunders, Wendell M., Reading, and L. V. Roy, Beverly, Mass. Fruit-jar sealing-ring opener. 1,470,488; Oct. 9.
Saunders, William D. (See Beck, F. G., and Saunders.)
Saunders, William M., Waterbury, Conn., assignor to The Hoge Manufacturing Company, New York, N. Y. Propel pencil. 1,477,905; Dec. 18.
Saunders, William M., Waterbury, Conn., assignor to The Hoge Manufacturing Company, New York, N. Y. Propel pencil. 1,477,906; Dec. 18.
Saundry, Edward, New Haven, Conn. Rope-joining clamp. 1,459,265; June 19.
Saurer, Hippolyt, Mannenbach, assignor to Societe Anonyme Adolphe Saurer, Arbon, Switzerland. Apparatus for testing bevel-gear wheels. 1,444,526; Feb. 6.
Sausage Linking Machine Corporation. (See Hirsch, Otto C. L., assignor.)
Sauter, William H., assignor to The Clefton Company, Owatonna, Minn. Acetylene generator. 1,449,957; Mar. 27.
Sauvage Appliance Company. (See Sauvage, William H., assignor.)
Sauvage, Herbert J. (See Evers, A. J., and Sauvage.)
Sauvage, William H., assignor, by mesne assignments, to Gould Coupler Company, New York, N. Y. Slack adjuster. 1,441,756; Jan. 9.
Sauvage, William H., Buffalo, assignor to Sauvage Appliance Company, New York, N. Y. Railway brake. 1,446,771; Feb. 27.
Sauvage, William H., assignor, by mesne assignments, to Gould Coupler Company, New York, N. Y. Slack adjuster. 1,453,857; May 1.
Sauvage, William H., assignor, by mesne assignments, to Gould Coupler Company, New York, N. Y. Slack adjuster. 1,474,090; Nov. 13.
Sauvage, William H., Flushing, assignor, by mesne assignments, to Gould Coupler Company, New York, N. Y. Slack adjuster. 1,474,091; Nov. 13.
Sauvage, William H., assignor, by mesne assignments, to Gould Coupler Company, New York, N. Y. Slack adjuster. 1,474,092; Nov. 13.
Sauvage, William H., assignor, by mesne assignments, to Gould Coupler Company, New York, N. Y. Slack adjuster. 1,474,093; Nov. 13.
Sauvageon, Marius, Paris, France. Electric furnace. 1,464,543; Aug. 14.
Sauve, Elzear. (See Chicoine, L. P., and Sauve.)
Sauveur, Albert, Cambridge, Mass. Manufacturing wrought iron. 1,463,228; July 31.
Sauzedde, Claude, Detroit, Mich. Wire wheel construction. 1,469,822; Oct. 9.
Sauzedde, Claude, Mount Clemens, and J. L. Buchanan, Detroit, Mich. Spare-wheel mounting. 1,477,287; Dec. 11.
Savage, Alfred J., Wolverton, England. Hand tool for cultivating and scarifying land. 1,471,982; Oct. 23.
Savage Arms Corporation. (See Nelson, Charles A., assignor.)
Savage, August G., Eldorado, Ark. Blower nozzle. 1,466,965; Sept. 4.

Savage, Edwin H., Cleveland, assignor to The Cleveland Tractor Company, Euclid, Ohio. Track-laying tractor. 1,452,171; Apr. 17.
Savage, Edwin H., Cleveland, assignor to The Cleveland Tractor Company, Euclid, Ohio. Track-belt unit. Re-15,583; Apr. 24.
Savage, George E., assignor to Manning, Bowman & Company, Meriden, Conn. Waffle iron or similar article. Des. 62,851; Aug. 7.
Savage, Will R., Omaha, Nebr. Pneumatic tire. 1,443,652; Jan. 30.
Savard, Edwin E., Ventura, Calif. Timer. 1,468,405; Sept. 18.
Save-A-Room Furniture Manufacturing Company. (See Freeman, John, assignor.)
Savell, Cross G., Silver City, Miss. Emergency brake. 1,455,666; May 15.
Saveno, Alphonso. (See Libertini, F., and Saveno.)
Savicks, Longin, Rockford, Ill., assignor of one-half to A. P. Dockus, Detroit, Mich. Trap. 1,466,602; Aug. 28.
Savidge, Clinton, L., Callaway, Nebr. Valve coupling for tubular wells. 1,452,004; Apr. 17.
Savieo, Charles L., Lima, Ohio, assignor to W. H. Foster, New York, N. Y. Bolt-turning machine. 1,454,983; May 15.
Savieo, Charles L., Lima, Ohio, assignor to W. H. Foster, New York, N. Y. Blade-adjusting mechanism for cutter heads. 1,458,363; June 12.
Savignac, Avila, Joliette, Quebec, Canada. Hay-cocking machine. 1,456,467; May 22.
Savoy, Dennis E. A., assignor of one-half to G. F. McWilliam, Newcastle, New Brunswick, Canada. Automatic filler. 1,441,946; Jan. 9.
Savoye, Herbert F., Hackensack, assignor to American Radium Appliance Company, Morristown, N. J. Apparatus for preparing artificial radioactive water. 1,452,709; Apr. 24.
Sawadski, William F., Charleston, S. C. Tube expander. 1,447,154; Feb. 27.
Sawdon, Joseph, Quincy, Ill. Duplex envelope. 1,470,291; Oct. 9.
Sawicki, John, assignor of one-fourth to I. J. Watson and one-fourth to F. Michell, Ironwood, Mich. Railway gate. 1,442,703; Jan. 16.
Sawin, Lester M., Chicago, Ill. Display case. 1,451,055; Apr. 10.
Sawulchik, Lazar. (See Malasky, Peter, assignor.)
Sawyer, Charles A., jr., Newton, Mass. Leather-cutting machine. 1,458,550; June 12.
Sawyer, Charles G., Sydney, New South Wales, and D. F. Glynn, Melbourne, Victoria, Australia. Trousers press and stretcher. 1,445,804; Feb. 20.
Sawyer, Elmer W. (See Murphy, T. H., Isbell, and Sawyer.)
Sawyer, Frank A. (See Gibbs, C. A., and Sawyer.)
Sawyer, Frank M., Los Angeles, Calif. Making artificial building blocks. 1,473,200; Nov. 6.
Sawyer, Fred L., assignor to Sawyer Specialty Scales Company, Jacksonville, Fla., a Corporation of Florida. Scale. 1,473,126; Nov. 6.
Sawyer, Henry A. (See Hancock, Harry H., assignor.)
Sawyer, Israel J., Haskell, Okla. Trunk crate. 1,477,008; Dec. 11.
Sawyer Specialty Scales Company. (See Sawyer, Fred L., assignor.)
Sawyier, Thomas C., Indianapolis, Ind. Pen and pencil holder. 1,459,517; June 19.
Saxe, Alexander, New York, N. Y. Toothbrush. 1,442,362; Jan. 16.
Saxe, Alexander, New York, N. Y. Tootbrush. 1,442,363; Jan. 16.
Saxe, Charles W., assignor to Norton Company, Worcester, Mass. Ceramic ware and making same. 1,454,000; May 1.
Saxe, Fenwick F., New York, N. Y. Window cleaner. 1,444,707; Feb. 6.
Saxe, Henry, et al. (See Gill, Charles H., assignor.)
Saxegaard, Andreas, Christiania, Norway. Apparatus for household cooking. 1,471,573; Oct. 23.
Saxon, Herman R., assignor, by mesne assignments, to Electric Auto-Lite Corporation, Toledo, Ohio. Nonglaring headlight. 1,471,923; Oct. 23.
Saxon, William. (See Stevens, B. D., Henderson, and Saxon.)
Sayles, Frederick. (See Peacock, J. L., and Sayles.)
Saylor, Frank D., Wheeling, W. Va. Flexible coupling. 1,443,148; Jan. 23.
Saylor, Henry A., A. S. Peck, and P. A. Dinsmoor, assignors to Lawrence Paper Manufacturing Company, Lawrence, Kans. Box-sealing machine. 1,471,924; Oct. 23.
Sayer, John, Stone Lake, Wis. Socket wrench. 1,458,956; June 19.
Sayers, William L., Brooklyn, N. Y. Game. 1,452,618; Apr. 24.
Sayre, Holly. (See Groves, Guy G., assignor.)
Sayre, Rockwell, Chicago, Ill. Bottle. Des. 62,112; Mar. 20.
Sayres, John H., Brooklyn, N. Y. Line-throwing gun. 1,449,449; Mar. 27.
Sayville Furniture Company. (See Gillam, Wilson J., assignor.)
Sbigoli, Virgilio, Chicago, Ill. Automobile radiator cap. Des. 62,096; Mar. 20.
Scafida, Christy. (See Celano, Sem S., assignor.)
Scaletti, Joseph, Suisun City, Calif. Stanchion. 1,465,183; Aug. 14.
Scalneck, John, Monongahela, Pa. Car-dumping device. 1,442,300; Jan. 16.
Scammacca, Stephen. (See Orr, Robert J., assignor.)
Scammell, Walter J. (See McArthur, G., Colpus, Scammell, and Thompson.)
Scanlan, Matthew R., Liverpool, England. Stationery label. 1,461,585; July 10.
Scanlon, Henry P. (See Schumacher, J. H., and Scanlon.)
Scanlon, Henry P., and J. H. Schumacher, Long Beach, Calif. Swivel block. 1,468,579; Sept. 18.
Scanlon-Morris Co. (See Rudesill, Thomas J., assignor.)
Scannel, Maurice E. (See Nelson, C. S., and Scannel.)
Scannell, Jeremiah J., Detroit, Mich. Portable shower-bath fixture. 1,446,105; Feb. 20.
Scarborough, Henry. (See Colbert, Clarence F., assignor.)
Scarborough, Henry. (See Steere, Clarence E., assignor.)
Scarborough, Henry, and J. R. Dostal, Milwaukee, Wis.; said Dostal assignor to said Scarborough. Apparatus for cleaning bottles and like containers. 1,445,359; Feb. 13.
Scarborough, Lee W., Humble, Tex. Chopping and slicing machine. 1,455,173; May 15.
Schaake, William, Pittsburgh, Pa., assignor to Westinghouse Electric and Manufacturing Company. Strain clamp. 1,443,595; Jan. 30.
Schaake, William, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Trolley base. 1,444,983; Feb. 13.
Schaake, William, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Section switch. 1,449,915; Mar. 27.
Schaake, William, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Feeder-cable support. 1,454,864; May 15.
Schaake, William, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Trolley-wire splicer. 1,477,386; Dec. 11.
Schaake, William, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Trolley frog. 1,477,387; Dec. 11.
Schaake, William, Pittsburgh, and F. H. Miller, Wilkinsburg, Pa., assignors to Westinghouse Electric & Manufacturing Company. Trolley frog. 1,464,509; Aug. 14.
Schaanning, Peder C., Vestre Holmen, near Christiania, Norway. Method and arrangement for conveying wood pulp. 1,466,413; Aug. 28.
Schab, John W., assignor to The New Favorite Manufacturing Company, Columbus, Ohio. Valve grinder. 1,441,032; Jan. 2.
Schachenmeier, Richard H., Karlsruhe, Germany. Course drafter for marine and aeronautic vessels. 1,458,957; June 19.
Schacht, Barnet, New York, N. Y. Sidewalk door. 1,442,737; Jan. 16.
Schacht, Julius, New York, N. Y. Bathing-suit carrier. Des. 63,496; Dec. 11.
Schact, Gustav A., Plainville, Ohio. Transmission mechanism. 1,452,220; Apr. 17.
Schad, Herbert C., Los Angeles, Calif. Peanut butter and making same. 1,476,649; Dec. 4.
Schade, James W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Transmission belt. 1,463,596; July 31.
Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Loose-leaf ledger. 1,442,829; Jan. 23.
Schade, John, assignor to National Blank Book Company. Friction clutch for telescoping elements. 1,447,519; Mar. 6.
Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Fastening tubular posts to loose-leaf ledgers. 1,447,520; Mar. 6.
Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Separable loose-leaf ledger. 1,458,364; June 12.
Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Loose-leaf binder. 1,466,313; Aug. 28.
Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Detachable filler for memorandum books. 1,474,494; Nov. 20.
Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Loose-leaf binder. 1,478,840; Dec. 25.
Schadegg, Theophilus. (See La Belle, William E., assignor.)
Schadewald, Henry M., Philadelphia, Pa. Haircloth loom. 1,469,338; Oct. 2.
Schaechterle, Henry, Friend, Nebr. Collapsible rim lock. 1,447,894; Mar. 6.
Schaechterle, Henry, Fullerton, Nebr. Collapsible rim. 1,471,925; Oct. 23.
Schaechterle, Henry and J., Friend, Nebr. Incubator egg tray. 1,441,947; Jan. 9.
Schaechterle, John. (See Schaechterle, Henry, and J.)
Schaefer, Adolph, Vallejo, Calif. Internal-combustion engine. 1,459,479; June 19.
Schaefer, Alice, East St. Louis, Ill. Cushion attachment for handles. 1,443,596; Jan. 30.

Schaefer, Aloysius H. (See Brown, Harvey, assignor.)
Schaefer, Carl W. (See Goldrick, Albert R., assignor.)
Schaefer, Carl W. (See Zulich, John, assignor.)
Schaefer, Charles P., and R. M. Brown, Chicago, Ill. Construction tie. 1,472,194; Oct. 30.
Schaefer, Edward P., Rochester, N. Y. Heating and ventilating attachment for chimney flues. 1,448,598; Mar. 13.
Schaefer, Ferdinand A., Raspeburg, Md. Resilient wheel. 1,470,118; Oct. 9.
Schaefer, Frank, et al. (See Marshall, Walker E., assignor.)
Schaefer, Frederic. (See Summerhays, Elmer M., assignor.)
Schaefer, Frederic, Pittsburgh, Pa. Reenforced connecting bar. 1,445,850; Feb. 20.
Schaefer, Frederic, Pittsburgh, Pa. Connecting bar. 1,470,119; Oct. 9.
Schaefer, Frederic, Pittsburgh, Pa. Connecting rod. 1,470,120; Oct. 9.
Schaefer, Frederic, Pittsburgh, Pa. Railway-brake hanger. 1,470,121; Oct. 9.
Schaefer, Henry H., Weldona, Colo. Gate fastener. 1,458,664; June 12.
Schaefer, John L., Flushing, N. Y. Sanitary toilet-seat cover. 1,462,662; July 24.
Schaefer, Joseph, assignor to The Van Dorn Iron Works Company, Cleveland, Ohio. Waste basket. 1,473,742; Nov. 13.
Schaefer, Otto C., Hoboken, N. J. Antiskid device. 1,460,504; July 3.
Schaefer, Reuben, Butte, Mont. Combined lunch box, table, and bench. 1,446,519; Feb. 27.
Schaefer, William, assignor to Berbecker & Rowland Manufacturing Company, Waterville, Conn. Curtain rod. 1,448,770; Mar. 20.
Schaefer, William C., et al. (See Hileman, Ernest J., assignor.)
Schaeffer, Francis, Mohnton, Pa. Felting machine. 1,449,842; Mar. 27.
Schafer, Charles W., Brooklyn, and B. Evers, New York, N. Y. Beach chair. 1,447,486; Mar. 6.
Schafer, Earl W., Chicago, Ill. Steering wheel and manufacture. 1,474,644; Nov. 20.
Schafer, Frank, Duluth, Minn. Internal-combustion engine. 1,455,269; May 15.
Schafer, Frank, Barberton, Ohio. Apparatus for testing tires. 1,478,532; Dec. 25.
Schafer, Frank N. Alton, Ill. Spring suspension for automobiles. 1,447,605; Mar. 6.
Schafer, Hans, Sulzheim, Germany. Trousers stretcher. 1,478,533; Dec. 25.
Schafer, John V. (See Kunkle, B. D., and Schafer.)
Schäfer, Josef, Dortmund, Germany. Sealing vertical coking chambers. 1,460,828; July 3.
Schäfer, Josef, Dortmund, Germany. Recovering by-products from gases generated by the dry distillation of combustibles. 1,471,926; Oct. 23.
Schafer, Louis, St. Louis, Mo. Automobile. 1,455,812; May 22.
Schafer, Rex, Long Beach, Calif. Amusement device. 1,447,895; Mar. 6.
Schaffer Engineering & Equipment Co. (See Schaffer, John C., assignor.)
Schaffer, George H. (See Riesmeyer, E. H., and Schaffer.)
Schaffer, Henry J., assignor to J. Schaffer, Brooklyn, N. Y. Sheet-metal container. 1,470,766; Oct. 16.
Schaffer, Jacob. (See Schaffer, Henry J., assignor.)
Schaffer, John C., Tiffin, Ohio, assignor to Schaffer Engineering & Equipment Co., Pittsburgh, Pa. Control instrument. 1,448,946; Mar. 20.
Schaffer, Max Company. (See Ohm, Albert J. D., assignor.)
Schaffer, Walter, Berlin, Germany. Circuit arrangement for indicating the deviation of a sender from a desired frequency. 1,446,433; Feb. 20.
Schäffer, Walter, Berlin, Germany. Means for regulating the speed of electric motors. 1,448,902; Mar. 20.
Schaffer, Walter, and F. Kruschinsky, Berlin, Germany. Circuit arrangement for use in the transmission of signals. 1,446,434; Feb. 20.
Schäffer, Werner, assignor to the Firm Polygraphische Gesellschaft, Laupen-Bern, Switzerland. Typewriter. 1,466,491; Aug. 28.
Schager, Emil L., et al. (See Marvey, John W., assignor.)
Schalk, David, Hamilton, Ohio. Lubricating device for pulleys. 1,441,119; Jan. 2.
Schalkenbach, Hulda W., administratrix. (See Schalkenbach, Robert N.)
Schalkenbach, Robert N., deceased, by H. W. Schalkenbach, administratrix, Baltimore, Md. Glazed structure. 1,454,079; May 8.
Schall, Clinton W., Columbus, Ohio. Slab for building constructions. 1,462,663; July 24.
Schaller, Alice E., et al. (See Schaller, William F., assignor.)
Schaller, Carl, assignor to Grimme, Natalis & Co., Kommandit-Gesellschaft auf Aktien, Brunswick, Germany. Calculating machine. 1,465,871; Aug. 21
Schaller, Carl, assignor to Grimme, Natalis & Co., Kommandit-Gesellschaft Auf Aktien, Brunswick, Germany. Calculating machine. 1,467,198; Sept. 4.
Schaller, Elizabeth, et al. (See Schaller, William F., assignor.)
Schaller, Elizabeth, Paris, France. Ice machine. 1,447,487; Mar. 6.
Schaller, William F., San Francisco, Calif. Heating unit for ovens. 1,478,363; Dec. 18.
Schaller, William F., assignor of five-tenths to E. Schaller, three-tenths to A. E. Schaller, and two-tenths to C. A. Shoeneman, San Francisco, Calif. Tray-turing machine. 1,462,468; July 17.
Schallman, Harry, Chicago, Ill. Glove and mitten. 1,478,582; Dec. 25.
Schane, Edward H., Youngstown, Ohio. Reel. 1,446,070; Feb. 20.
Schane, Edward H., Youngstown, Ohio. Reel. 1,446,071; Feb. 20.
Schank, John E., Chicago, Ill. Golf bag. 1,461,459; July 10.
Schanks, Earnest. (See Smith, J. M., and Schanks.)
Schanze, Gustavus A. (See Jencick, Stephen, assignor.)
Schanzer, Siegfried, New York, N. Y. Cap. 1,455,667; May 15.
Schaper, Gustav A., New York, N. Y. Emergency boiler-tube repair plug. 1,470,767; Oct. 16.
Schaper, Harry C., assignor to The General Automatic Scale Company, St. Louis, Mo. Combination bag rack and auxiliary platform for scales. 1,462,983; July 24.
Schapiro, Abraham B., New York, N. Y. Hatpin or similar article. Des. 63,377; Nov. 27.
Scharer-Nussbaumer & Co. (See Zindel, Ernst, assignor.)
Schares, Jacob, Gilbertville, and H. J. Kauth, Washburn, Iowa. Automobile lifting device. 1,465,739; Aug. 21.
Scharlin, Bernard, New York, N. Y. Sanding device for motor vehicles. 1,447,436; Mar. 6.
Scharschu, Charles A., Pittsfield, Mass., assignor to General Electric Company. Furnace refractory. 1,444,527; Feb. 6.
Schartow, Frank E., Racine, assignor to The Midland Company, South Milwaukee, Wis. Nonskid device. 1,474,610; Nov. 20.
Schatzel, Albert F. (See Camp, E., and Schatzel.)
Schau, Frederick, Hammond, Ind. Safety device for motor-driven wringers. 1,455,450; May 15.
Schaub, Alfred J., sr., Oakland, Calif. Envelope moistener. 1,457,605; June 5.
Schaub, Ferdinand, deceased, Jersey City, N. J.; H. W. Schaub, executrix. Insulator. 1,474,736; Nov. 20.
Schaub, Henrietta W., executrix. (See Schaub, Ferdinand.)
Schaub, James A., et al. (See Dungan, John E., assignor.)
Schaub, James B., Evanston, Ill. Hoisting conveyer. 1,443,506; Jan. 30.
Schauman, Karl O., San Francisco, Calif. Cable bumper. 1,450,262; Apr. 3.
Schaumberg, Otto, Pittsburgh, Pa. Hair-waving apparatus. 1,473,977; Nov. 13.
Schavey, Earl T., Grand Ledge, Mich. Drive mechanism for speedometers. 1,474,557; Nov. 20.
Schavoir, Arnold L., Stamford, Conn. Method of and apparatus for making hollow rubber articles. 1,441,603; Jan. 9.
Schawang, Peter, St. Paul, Minn. Teat cup. 1,465,002; Aug. 14.
Scheben, Laurence J. (See Russell, H. O., and Scheben.)
Schecher, John L. (See Young, J. S., Young, and Schecher, assignors.)
Schechter, Abram S., New York, N. Y. Combined carrier case and stand. 1,474,170; Nov. 13.
Scheckenbach, Michael. (See Grieshaber, Eugene, assignor.)
Scheddin, Herbert. (See Matheus, J., and Scheddin.)
Schede, Albert W., Drexel Hill, and J. A. Mitchell, Ridley Park, Pa. Wheel attachment. 1,450,904; Apr. 3.
Schede, Albert W., Drexel Hill, and J. A. Mitchell, Ridley Park, Pa. Wheel attachment. 1,450,905; Apr. 3.
Schedler, John, Philadelphia, Pa. Bottle stopper. 1,469,487; Oct. 2.
Scheele, Walter T., Hackensack, N. J., assignor to H. M. Specht, New York, N. Y. Production of camphoric acid. 1,458,992; June 19.
Scheele, Walter T., Hackensack, N. J., assignor to H. M. Specht, New York, N. Y. Production of camphor. 1,458,993; June 19.
Scheemacker, Emile, Woonsocket, R. I., and G. Raimond, Bellingham, Mass. Aeroplane. 1,475,322; Nov. 27.
Scheer, George B., Berkeley, Calif., assignor to Westinghouse Electric & Manufacturing Company. Motor-control system. 1,455,668; May 15.
Scheffer, George F., Detroit, Mich. Typewriter. 1,455,813; May 22.
Scheffer, Theodore H., Puyallup, and L. K. Couch, Olympia, Wash., assignors to Assistant Secretary of Agriculture of United States of America. Beaver trap. 1,472,683; Oct. 30.
Scheftel, Max, New York, N. Y. Automobile fender. 1,444,558; Feb. 6.
Schehr, Jacob E., New York, N. Y. Angle gate valve. 1,467,069; Sept. 4.
Scheib, Peter, assignor to The Denver Rock Drill Manufacturing Company, Denver, Colo. Tool retainer. 1,472,496; Oct. 30.

Scheib, Peter H., assignor to The Denver Rock Drill Manufacturing Company, Denver, Colo. Throttle valve. 1,464,049; Aug. 7.
Scheibli, Robert J., jr., St. Louis, Mo., assignor to American Car and Foundry Company, New York, N. Y. Car truck. 1,452,529; Apr. 24.
Schein, Alexander E. (See Thompson, H. H., and Schein.)
Schein, August P., Chicago, Ill. Antiskid chain and attaching means therefor. 1,440,630; Jan. 2.
Scheinman, Louis J., assignor to Governform Corporation, New York, N. Y. Garter. 1,455,888; May 22.
Scheiwer, Albert T. (See Ferguson, D., and Scheiwer.)
Schelhammer, Herman, Whitestone Landing, assignor to American Hard Rubber Co., New York, N. Y. Method and apparatus for manufacturing combs and other toothed articles. 1,464,664; Aug. 14.
Schellberg, Oscar B., New York, N. Y. Operating table. 1,475,143; Nov. 20.
Schellenbach, William, Cincinnati, and C. J. Robinson, Wilmington, assignors to The Irwin Auger Bit Company, Wilmington, Ohio. Machine for grinding bits. 1,443,384; Jan. 30.
Schellenbach, William L., Wyoming, Ohio, assignor to Giddings & Lewis Manufacturing Company, Fond du Lac, Wis. Horizontal boring mill. 1,454,190; May 8.
Schellens, Eugene L., Groton, Conn. Engine reverse gear. 1,476,470; Dec. 4.
Scheller, Edward, Stolp-on-the-Pom, assignor to A. Luck, Slassfurt-Leopoldshall, Germany. Extracting resin from wood with the aid of oil of turpentine. 1,465,565; Aug. 21.
Schellhammer, A. L. (See Eaton, Richard M., assignor.)
Schelling, Hermann F., Grantwood, N. J. Needle holder for talking machines. 1,454,489; May 8.
Schelter, George G., Rochester, N. Y., assignor, by mesne assignments, to United Last Company, Auburn, Me. Last. Re15,572; Apr. 3.
Schember, Kornelius, Atzgersdorf, near Vienna, Austria, and R. Joksch, Prague Karolinenthal, Czechoslovakia. Electric steelyard weighing machine. 1,451,118; Apr. 10.
Schember, Kornelius, Atzgersdorf, Austria, and R. Joksch, Prague-Karolinenthal, Czechoslovakia. Traveling poise for weighing machines. 1,464,114; Aug. 7.
Scheminger, John, jr., Providence, R. I. Liquid-fuel-feeding means. 1,442,785; Jan. 16.
Scheminger, John, jr., Providence, R. I. Controlled rotary oil burner. 1,442,786; Jan. 16.
Scheminger, John, jr., Providence, R. I. Rotary pump with priming chamber. 1,442,787; Jan. 16.
Scheminger, John, jr., Providence, R. I. Lubricating system. 1,442,788; Jan. 16.
Schemmel, Robert C., assignor to The Backstay Machine & Leather Company, Union City, Ind. Bow and bow cover for vehicle tops. 1,458,781; June 12.
Schenck, Charles, assignor to Bethlehem Steel Company, Bethlehem, Pa. Metal wheel. 1,469,964; Oct. 9.
Schenck, Charles, and L. Fine, assignors to Bethlehem Steel Company, Bethlehem, Pa. Manufacture of metal wheels. 1,473,164; Nov. 6.
Schenck, Charles, C. W. Bassett, and E. Ibach, assignors to Bethlehem Steel Company, Bethlehem, Pa. Metal wheel. 1,468,085; Sept. 18.
Schenck, Paul W. (See Utter, P., and Schenck.)
Schenck, Pierce D., Dayton, Ohio., assignor to The Duriron Company Inc. Radiator. 1,470,033; Oct. 9.
Schenck, Wilkens A., assignor to C. H. Robbins, jr., Philadelphia, Pa. T square. 1,458,152; June 12.
Schendel, David A., Turlock, Calif. Adjustable latch. 1,442,976; Jan. 23.
Schenk, Arthur, Marietta Township, Whatcom County, assignor to Whatcom Falls Mills Company, Bellingnam, Wash. Siding mill. 1,440,800; Jan. 2.
Schenk, Ernest E., Webster City, Iowa. Translational sectional-mold assemblage. 1,461,940; July 17.
Schenk, William H., Gladstone, Nebr. Puzzle block. 1,455,009; May 15.
Schenkel, Kurt, Strelitz-Alt, Germany. Band sewing machine. 1,449,015; Mar. 20.
Schenkel, William J., jr., Brookville, Ind. Incubator. 1,448,464; Mar. 13.
Schenkelberger, Albert F., Quincy, assignor to Safepack Mills, Boston, Mass. Multiply reenforced paper. 1,460,392; July 3.
Schenkelberger, Ferdinand. (See Hecht, H., and Schenkelberger.)
Schenstrom, William, Brooklyn, N. Y. Arc-welded truss. 1,451,555; Apr. 10.
Schenuit, Frank G., Baltimore, Md. Tire casing. 1,462,984; July 24.
Schenuit, Henry F., Pasadena, Calif. Tremolo for pianos. 1,459,378; June 19.
Schepman, Frederick W., assignor of one-half to W. C. Menke, Evansville, Ind. Bill file. 1,478,920; Dec. 25.
Schepp, Albert J., and H. J., Manhattan, Kans. Well drill. 1,456,681; May 29.
Schepp, Herman J. (See Schepp, Albert J., and H. J.)
Scheppmann, Friedrich, Toluca, Mexico. Stock feeding and watering device. 1,441,886; Jan. 9.
Scher, Dave, assignor of one-half to J. Thielman, Tacoma, Wash. Bathtub head cushion. 1,458,503; June 12.
Scher, Louis S., New York, N. Y. Game apparatus. 1,472,568; Oct. 30.
Scherer, Adolph, Philadelphia, Pa. Lamp shade. 1,467,689; Sept. 11.
Scherer, Albert G., assignor to The Excelsior Steel Furnace Company, Chicago, Ill. Bucket, pail, or the like. 1,456,407; May 22.
Scherer, Albert G., assignor to The Excelsior Steel Furnace Company, Chicago, Ill. Spout for buckets. 1,456,408; May 22.
Scherer, Albert G., assignor to Excelsior Steel Furnace Company, Chicago, Ill. Pipe connection or boot, 1,457,126; May 29.
Scherer, Albert G., assignor to The Excelsior Steel Furnace Company, Chicago, Ill. Air circulator. 1,473,648; Nov. 13.
Scherer, Albert G., assignor to Excelsior Steel Furnace Company, Chicago, Ill. Heating device. 1,476,848; Dec. 11.
Scherer, Samuel M., Marion, Ind. Display rack. 1,464,343; Aug. 7.
Schermer, Fred. (See Milton, W. H., and Schermer.)
Schermuly, Joseph, Wichita, Kans. Three-row ridge cultivator. 1,458,246; June 12.
Scherner, John, Milwaukee, Wis., assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Wrapping machine. 1,468,610; Sept. 18.
Scherner, John, Milwaukee, Wis., assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Tire-wrapping machine. 1,472,764; Oct. 30.
Scherrman, Frank X., Farley, Iowa. End gate or tailboard for wagons. 1,442,542; Jan. 16.
Schettler, Gustav A., Leicester, England, assignor to The Turner Tanning Machinery Company, Peabody, Mass. Measuring machine. 1,474,385; Nov. 20.
Scheu, William C. (See Lamb, Harold S., assignor.)
Scheu, William C., Los Angeles, Calif. Orchard heater. 1,459,076; June 19.
Scheuch, William A., East Orange, N. J., assignor ao Western Electric Company, Incorporated, New York, N. Y. Degasifying agent. 1,478,062; Dec. 18.
Scheuchzer, Auguste, assignor to Ferrodesherbeuse Scheuchzer Societe Anonyme, Renens, Switzerland. Machine for removing weeds from railway roadbeds. 1,464,014; Aug. 7.
Scheuchzer, Auguste, assignor to Ferrodesherbeuse Scheuchzer Societe Anonyme, Reneus, near Lausanne, Switzerland. Machine for removing weeds from railway roadbeds. 1,470,768; Oct. 16.
Scheuer, Alfred, Vienna, Austria, and H. Scheuer, Znaim, Czechoslovakia, assignors to the Firm Gebrüder Hardy, Vienna, Austria. Pneumatic brake. 1,456,578; May 29.
Scheuer, Alfred, Vienna, and H. Scheuer, Retz, Austria, assignors to Handel Maatschappij H. Albert De Bary & Coy, Amsterdam, Holland. Braking apparatus. 1,465,487; Aug. 21.
Scheuer, Hugo. (See Scheuer, Alfred and H.)
Scheuer, Joseph B., Lanett, Ala. Bleaching barytes. 1,452,315; Apr. 17.
Scheufelen, Adolf, and F. Schumacher, assignors to the Firm Erste Deutsche Kunstdruck-Papierfabrik Carl Scheufelen, Oberlenningen-Teck, Germany. Cutting narrow strips from a roller of cellulose material. 1,478,718; Dec. 25.
Scheuner, Charles, Chicago, Ill. Armored pneumatic tire. 1,455,412; May 15.
Scheunert, Ewald, Silver Creek, Wis. Silo elevator. 1,470,292; Oct. 9.
Schey, Max, Brooklyn, N. Y. Spit support for rotisseries. 1,442,584; Jan. 16.
Schey, Max, Brooklyn, N. Y. Broiler attachment. 1,465,061; Aug. 14.
Schibrowski, Paul M., and W. H. Diemer, assignors to The American-National Company, Toledo, Ohio. Combined license-tag and stop-signal means. 1,441,636; Jan. 9.
Schick, Edward L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Ball-winding machine. 1,468,406; Sept. 18.
Schick, Harry C., Inc. (See Grassman, Edward C., assignor.)
Schick, Harry C., Newark, N. J. Catch for necklaces. Des. 62,648; July 10.
Schick, Harry C., Newark, N. J. Catch for necklaces. Des. 62,649; July 10.
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Schick, Harry C., Newark, N. J. Catch for necklaces. Des. 62,651; July 10.
Schick, Harry C., Newark, N. J. Catch for necklaces. Des. 63,009; Sept. 4.
Schick, Jacob, New York, N. Y. Safety razor. 1,452,935; Apr. 24.
Schidrowitz, Philip. (See Feldenheimer, W., Plowman, and Schidrowitz.)
Schidrowitz, Philip, London, England. Rubber composition and making the same. 1,443,149; Jan. 23.
Schieber, Robert E., assignor to The Central Stamping Co., Detroit, Mich. Push button. 1,441,457; Jan. 9.
Schieber, Robert E., Detroit, Mich. Push-button construction. 1,451,476; Apr. 10.
Schieberl, Aubrey M., Moundville, Mo. Checkrow-wire support. 1,459,163; June 19.
Schiefer, Ernest. (See Schiefer, Paul and E.)

Schiefer, Paul and E., San Diego, Calif. Desk attachment for chairs. 1,446,665; Feb. 27.
Schiegries, Eduard, Duisburg-Meiderich, Germany. Apparatus for making open molds. 1,450,871; Apr. 3.
Schiegries, Eduard, and M. Paschke, Duisburg-Meiderich, Germany. Fitting for metallurgical furnaces. 1,441,178; Jan. 2.
Schieldge, George K., assignor to The Hartford Special Machinery Company, Hartford, Conn. Chuck. 1,463,176; July 31.
Schieler, Harry H., Meadows, Idaho. Automobile. 1,471,363; Oct. 23.
Schier, Johann. (See Wessely, E., and Schier.)
Schierding, William, Spokane, Wash. Dirigible lamp. 1,455,149; May 15.
Schieren, George A., Great Neck, N. Y. Safety razor. 1,445,452; Feb. 13.
Schiers, Max, Grossenbaum, near Dusseldorf, Germany. Tobacco pipe. 1,457,189; May 29.
Schiesari, Mario, New York, N. Y. Apparatus for aerial projection. 1,450,263; Apr. 3.
Schiesari, Mario, New York, N. Y. Method of and apparatus for removing snow. 1,468,977; Sept. 25.
Schiesari, Mario, New York, N. Y. Variable propeller. 1,478,063; Dec. 18.
Schiesari, Mario, New York, N. Y. Apparatus for the removal of snow. 1,478,678; Dec. 25.
Schiff, Henry T., assignor to Vitanola Talking Machine Company, Chicago, Ill. Needle dispenser for phonographs and like machines. 1,446,992; Feb. 27.
Schiff, Herbert, New York, N. Y. Automobile transmission lock. 1,471,212; Oct. 16.
Schiff, Sigmund, Cincinnati, Ohio. Caster. 1,445,914; Feb. 20.
Schifferdecker, Otto, Worms, Germany. Grinding disk. 1,449,958; Mar. 27.
Schild, Ernest, Seattle, Wash. Electric trolley apparatus. 1,445,360; Feb. 13.
Schild, John A., assignor to L. R. Henley, Vincennes, Ind. Automatic stop for phonographs. 1,468,170; Sept. 18.
Schildener, Friedrich F. W., Zschieren, near Dresden, Germany. Device for treating chocolate masses or other materials. 1,474,945; Nov. 20.
Schiller, Arthur, Chicago, Ill. Match-box holder. Des. 62,852; Aug. 7.
Schiller, Charles F. (See Schiller, John J., assignor.)
Schiller, Herman G., Lawrence, Mass. Signal lamp and mirror. 1,465,950; Aug. 28.
Schiller, John J., Chicago, assignor to C. F. Schiller, Cicero, Ill. Explosive engine. 1,468,516; Sept. 18.
Schiller, Robert, Chicago, Ill. Window-washer's seat. 1,443,507; Jan. 30.
Schilling, August, San Francisco, Calif. Shipping container. 1,455,270; May 15.
Schilling, August, San Francisco, Calif. Storing salt. 1,458,442; June 12.
Schilling, August, San Francisco, Calif. Detachable spout for containers. 1,465,793; Aug. 21.
Schilling, Barney, assignor to The Empire Tinware Company, Brooklyn, N. Y. Suspension means for vessels. 1,474,645; Nov. 20.
Schilling, Harry A., New York, N. Y. Pocket medicine receptacle. 1,470,547; Oct. 9.
Schilling, John M., assignor to F. Parker, Chicago, Ill. Sign. 1,469,396; Oct. 2.
Schilling, Oscar, Warsaw, Ill. Fastening for automobile chains. 1,443,653; Jan. 30.
Schillinger, Oscar M., assignor of one-half to J. E. Brendlinger, Denver, Colo. Door lock. 1,449,061; Mar. 20.
Schimek, Joseph F. (See Kovar, J. H., Schimek, and Cavedon, assignors.)
Schimek, Joseph F., Holden, assignor to Cashiko Machine Company, Worcester, Mass. Feeding and weighing device for carding machines. 1,472,815; Nov. 6.
Schimmel, Fridolin, Faribault, Minn. Grinding tool. 1,443,150; Jan. 23.
Schimmel, Fridolin, Faribault, Minn. Extensible-leaf table. 1,473,323; Nov. 6.
Schimming, Paul A., Hope, Kans. Water-circulating device for radiators. 1,465,184; Aug. 14.
Schimpff, Theodore B., Scranton, Pa. Trick knife. 1,445,361; Feb. 13.
Schindler, Anthony J., Bloomfield, N. J. Container. 1,443,279; Jan. 23.
Schindler, Walter R., Los Angeles, Calif. Irrigation signal. 1,451,056; Apr. 10.
Schindler, Walter R., Los Angeles, Calif. Paper-cupping machine. 1,451,057; Apr. 10.
Schinkez, Albert. (See Keller, W. H., and Schinkez.)
Schinscholl, Erich, Cincinnati, Ohio. Envelope clasp. 1,476,650; Dec. 4.
Schipplock, Charles J., and J. C. Kessler, Chicago, Ill. Pie cutter. 1,453,367; May 1.
Schirmer, Waldo P., Lakewood, Ohio. Apparatus for dispensing liquids. 1,471,529; Oct. 23.
Schitterer, Herman J., San Diego, Calif. Swivel hook for watch chains. 1,450,264; Apr. 3.
Schlafge, William, et al. (See Kothe, Charles A., assignor.)
Schlafhorst, W., & Co. (See Reiners, W., and Kahlisch, assignors.)
Schlage Manufacturing Company. (See Schlage, Walter R., assignor.)
Schlage, Walter R., Berkeley, assignor to Schlage Manufacturing Company, San Francisco, Calif. Door lock. 1,456,041; May 22.
Schlagel, Alfred M., near Dayton, assignor to R. T. Parrish, Dayton, Ohio. Tractor. 1,449,783; Mar. 27.
Schlaich, Herman, Long Island City, N. Y. Thermometer and similar instrument. 1,478,258; Dec. 18.
Schlaich, Herman, New York, N. Y. Calibration of instruments. 1,477,666; Dec. 18.
Schlatter, Rudolph, assignor to Busch-Sulzer Bros.-Diesel Engine Company, St. Louis, Mo. Piston-cooling device. 1,451,375; Apr. 10.
Schlattau, Frank F., Los Angeles, Calif. Measuring instrument. 1,454,693; May 8.
Schlegel, Arnold H. (See Henricks, Henry E., assignor.)
Schlehr, Joseph A., Chicago, Ill. Handle for cutlery articles. 1,457,606; June 5.
Schleicher, Adolf B., Los Angeles, Calif. Pneumatic tire. Des. 63,590; Dec. 18.
Schleicher, Henry M. (See Eustis, F. A., Hayward, Schleicher, and Belcher.)
Schleicher, John C., Mount Vernon, N. Y. Building slab. 1,460,682; July 3.
Schleicher, William A., assignor to The Eberhard Manufacturing Company, Cleveland, Ohio. Making swivels. 1,444,559; Feb. 6.
Schleip, Kurt, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Means for connecting the shafts of mixing machines to the hubs of mixing or agitating blades. 1,445,175; Feb. 13.
Schleper, Johannes F., Amsterdam, Netherlands. Wire clamp. 1,458,247; June 12.
Schleppy, Salem L., Chicago, Ill. Pump. 1,445,721; Feb. 20.
Schlesinger, Alfred, Dusseldorf, Germany. Platen printing press. 1,473,649; Nov. 13.
Schlesinger, Edgar E., assignor to W. P. Murphy, Chicago, Ill. End reenforcement for railway box cars. 1,473,743; Nov. 13.
Schlesinger, Jackson, New York, N. Y. Cuff protector. 1,478,583; Dec. 25.
Schlesinger, Joseph T., New York, N. Y., assignor to Utility Appliance Corporation. Door lock for elevators. 1,447,896; Mar. 6.
Schlesinger, Joseph T., New York, N. Y., assignor, by mesne assignments, to Utility Safety Appliance Corporation. Door lock for elevators. 1,468,677; Sept. 25.
Schlesinger, Joseph T., New York, N. Y., assignor, by mesne assignments, to Utility Safety Appliance Corporation. Door lock for elevators. 1,468,678; Sept. 25.
Schlesinger, Louis, assignor to Bradley Washfountain Co., Milwaukee, Wis. Lavatory. 1,476,471; Dec. 4.
Schlesinger, Louis, assignor to Bradley Washfountain Co., Milwaukee, Wis. Lavatory. 1,477,189; Dec. 11.
Schless, Maurice J., New York, N. Y. Display tray. Des. 62,212; Apr. 10.
Schletter, Richard, Philadelphia, Pa. Stocking. Des. 63,272; Nov. 13.
Schley, Frederick L. (See Strauss, F., and Schley.)
Schley, George I., Chicago, Ill. Lamp shade. Des. 62,676; July 17.
Schlichter, Oscar, Hamilton, Ohio. Slicing machine. 1,440,631; Jan. 2.
Schlichter, Oscar, Hamilton, Ohio. Slicing machine. 1,440,632; Jan. 2.
Schlichter, Oscar, assignor to Krauth & Benninghofen, Hamilton, Ohio. Manifolding machine. 1,447,897; Mar. 6.
Schling, Max, New York, N. Y. Seed sower. 1,456,653; May 29.
Schlitz, William B., Caledonia, Minn. Draft hitch. 1,464,446; Aug. 7.
Schlitzer, Frank C., Buffalo, N. Y., assignor to The Beaver Company. Sample container. 1,457,551; June 5.
Schlitzer, Walter C., Rochester, N. Y. Lens-testing instrument. 1,475,515; Nov. 27.
Schlopia, Clifford V., Benton, Iowa. Self-locking chain tightener. 1,446,214; Feb. 20.
Schloss, Joseph. (See Sindler, M. J., and Schloss.)
Schloss, Morris, New York, N. Y. Machine for stitching hat brims and the like. 1,466,486; Aug. 28.
Schlösser, Gustav, Oberschoneweide, near Berlin, Germany. Utilizing domestic and industrial garbage and other refuse. 1,454,082; May 8.
Schlossstein, Hans, Chicago, Ill. Process of an apparatus for neutralizing oils. 1,447,898; Mar. 6.
Schlotfeldt, Charles. (See Spratt, L. D., assignor.)
Schluesselburg, George, assignor to A. Meyer, trustee, Chicago, Ill. Cooking utensil. 1,477,667; Dec. 18.
Schlueter, Fred. (See Rodabush, W. C., and Schlueter.)
Schlumbrecht, John J., Chicago, Ill. Piano guard. 1,442,448; Jan. 16.
Schlatter, Gustav. (See Mayer, H. Schlatter, and Boeckly.)
Schlaupitz, Oswald, assignor to The Timken Roller Bearing Company, Canton, Ohio. Gauging instrument. 1,472,195; Oct. 30.
Schlaupitz, Oswald, assignor to The Timken Roller Bearing Company, Canton, Ohio. Limit gauge 1,472,196; Oct. 30.

Schling, Max, New York, N. Y. Seed sower. 1,471,291; Oct. 16.
Schling, Max, New York, N. Y. Hand seed sower. 1,475,600; Nov. 27.
Schling, Max, New York, N. Y. Hand seed sower. 1,475,601; Nov. 27.
Schlüns, Carl, Thuringia, assignor to Mercedes Büro-Maschinen- und Waffenwerke, Post Mehlis, Germany. Typewriter. 1,474,917; Nov. 20.
Schmale, Ernest, Belleville, Ill., assignor to Belleville Stove and Range Company, Belleville, Ill. Door and frame construction. 1,473,978; Nov. 13.
Schmalz, Peter J., Howard, Mont. Metal fencepost. 1,459,116; June 19.
Schmauss, John. (See Breck, George D. and L. W., and Schmauss.)
Schmeiske, William F., Binghamton, N. Y. Flower holder. 1,469,823; Oct. 9.
Schmelz, Charles F., Bridgeport, Conn. Pipe-threading machine. 1,465,488; Aug. 21.
Schmelzer, Anton C., Springfield, assignor, by mesne assignments, to Century Machinery Corporation, Holyoke, Mass. Washing machine. 1,452,710; Apr. 24.
Schmelzer, Anton C., Springfield, assignor, by mesne assignments, to Century Machinery Corporation, Holyoke, Mass. Washing machine. 1,451,180; Apr. 10.
Schmelzer, Anton C., Springfield, assignor, by mesne assignments, to Century Machinery Corporation, Holyoke, Mass. Washing machine. 1,466,192; Aug. 28.
Schmelzer, Bruno, Jersey City, N. J. Rotary blower. 1,445,176; Feb. 13.
Schmertzler, Isidore. (See Kaufman, David V., assignor.)
Schmid, Frederick, and M. Rosow, Philadelphia, Pa. Container device. 1,446,019; Feb. 20.
Schmid, George, New York, N. Y. Cuff link. 1,471,809; Oct. 23.
Schmid, Heinrich. (See Jauch, Ernst and E., and Schmid.)
Schmid, Herman, assignor to Apollo Magneto Corporation, Kingston, N. Y. Circuit-breaker disk and making same. 1,446,020; Feb. 20.
Schmid, Julius, Montgomery, N. Y. Powder puff. 1,457,798; June 5.
Schmid, Julius, Montgomery, N. Y. Compact carrier. 1,470,884; Oct. 16.
Schmid, Oscar F., Jackson, Mich. Dentifrice. 1,467,455; Sept. 11.
Schmid, William, Bronson, Mich. Free spool reel. 1,444,560; Feb. 6.
Schmid, William, Bronson, Mich. Fishline reel. 1,448,871; Mar. 20.
Schmid, William, Coldwater, Mich. Level-wind antibacklash reel. 1,456,283; May 22.
Schmid, William, Coldwater, Mich. Level-wind fish reel. 1,461,586; July 10.
Schmid, William, Coldwater, Mich. Level wind reel. 1,472,684; Oct. 30.
Schmid, William, Coldwater, Mich. Line-winding mechanism. 1,476,769; Dec. 11.
Schmid, William P., assignor to Atlas Engineering Company, Philadelphia, Pa. Gas valve. 1,464,015; Aug. 7.
Schmidt, Adolf, Tegel, near Berlin, Germany. Apparatus for disintegrating seeds. 1,447,045; Feb. 27.
Schmidt, Albert. (See Champion, A., and Schmidt.)
Schmidt, Albert. (See Guye, P. A., and Schmidt.)
Schmidt, Albert, Paris, France. Waterproofing composition. 1,462,381; July 17.
Schmidt, Albert, assignor to A C Spark Plug Company, Flint, Mich. Spark plug. 1,461,629; July 10.
Schmidt, Albert, assignor to Fisher Body Corporation, Detroit, Mich. Doorcheck. 1,462,872; July 24.
Schmidt, Albert R., Milwaukee, Wis. Valve-stem carbon remover. 1,462,581; July 24.
Schmidt, Arthur A., assignor to International Precipitation Company, Los Angeles, Calif. Apparatus for electrical treatment of gases. 1,478,798; Dec. 25.
Schmidt, Bernhard, Milwaukee, Wis. Clay flux. 1,442,585; Jan. 16.
Schmidt, Charles, Clifton, N. J. Nail-driving device. 1,457,552; June 5.
Schmidt, Charles, Clifton, N. J. Curtain and shade pole fixture. 1,461,255; July 10.
Schmidt, Edwin X., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Fluid meter. 1,447,437; Mar. 6.
Schmidt,, Elias A., Copenhagen, Denmark. Machine for washing bottles. 1,442,006; Jan. 9.
Schmidt, Emil, Elmhurst, N. Y. Dispensing receptacle. 1,459,450; June 19.
Schmidt, Friedrich K., assignor to the Firm Meirowsky & Co., Actien-Gesellschaft, Porz-on-the-Rhine, Germany. Method and means for applying a liquid to wires, threads, and the like. 1,454,224; May 8.
Schmidt, Gustave F., Chicago, Ill. Gas heater. 1,457,553; June 5.
Schmidt, Gustave F., Chicago, Ill. Gas heater. Des. 63,329; Nov. 20.
Schmidt, Heinrich, Malaga, Spain. Slab and the like for constructional purposes. 1,443,385; Jan. 30.
Schmidt, Henry A., Toronto, Ontario, Canada. Bracelet and link therefor. 1,443,654; Jan. 30.
Schmidt, Henry A. College Point, N. Y. Stylographic ink pencil. 1,447,632; Mar. 6.
Schmidt, Henry F., Philadelphia, Pa., assignor to Westinghouse Electric and Manufacturing Company. Translating device. 1,447,103; Feb. 27.
Schmidt, Henry F., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Co. Power-developing apparatus. 1,453,858; May 1.
Schmidt, Henry F., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Co. Fluid-translating device. 1,467,014; Sept. 4.
Schmidt, Henry F., Swarthmore, Pa., assignor to West inghouse Electric and Manufacturing Company. Hotwell ejector. 1,441,301; Jan. 9.
Schmidt, Henry F., Swarthmore, Pa., assignor to Westinghouse Electric and Manufacturing Company. Fluid-translating device. 1,457,799; June 5.
Schmidt, Henry F., Swarthmore, Pa., assignor to Westinghouse Electric & Manufacturing Company. Hotwell ejector. 1,468,746; Sept. 25.
Schmidt, Henry F., Swarthmore, Pa., assignor to Westinghouse Electric and Manufacturing Company. Turbine. 1,469,965; Oct. 9.
Schmidt, Henry F., Swarthmore, Pa., assignor to Westinghouse Electric and Manufacturing Company. Turbine-blade structure. 1,474,386; Nov. 20.
Schmidt, Henry F., Swarthmore, Pa., assignor to Westinghouse Electric & Manufacturing Company. Fluid-translating device. 1,476,108; Dec. 4.
Schmidt, Henry F., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Co. High-speed governing apparatus. 1,441,300; Jan. 9.
Schmidt, Henry F., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Lubrication system. 1,466,731; Sept. 4.
Schmidt, Henry G., assignor to The Norwalk Tire & Rubber Company, Norwalk, Conn. Tire. Des. 61,791; Jan. 9.
Schmidt, Henry G., assignor to The Norwalk Tire & Rubber Company, Norwalk, Conn. Tire. Des. 63,497; Dec. 11.
Schmidt, Henry G., assignor to The Norwalk Tire & Rubber Company, Norwalk, Conn. Tire. Des. 63,498; Dec. 11.
Schmidt, Henry H., Schenectady, N. Y., assignor to General Electric Company. Sealing head. 1,449,701; Mar. 27.
Schmidt, Henry S., Williamsport, Pa. Combined dust conveyer and ash sifter. 1,455,669; May 15.
Schmidt, Herman C., and C. C. Sheppard, Washington, D. C. Shock absorber. 1,448,282; Mar. 13.
Schmidt, John, New York, N. Y. Resilient wheel. 1,467,199; Sept. 4.
Schmidt, John G., Springfield Gardens, N. Y. Automobile bumper. 1,465,999; Aug. 28.
Schmidt, Lambert, Brooklyn, N. Y. Attachment for electric lamps. 1,458,994; June 19.
Schmidt, Lambert, assignor to Radiotive Corporation, Brooklyn, N. Y. Telephone apparatus. 1,452,850; Apr. 24.
Schmidt, Lambert, assignor to Radiotive Corporation, Brooklyn, N. Y. Head receiver for telephones. 1,452,851; Apr. 24.
Schmidt Lithograph Company. (See Bray, William J., assignor.)
Schmidt, Louis A., assignor to R. Hoe and Co., New York, N. Y. Plate clamp. 1,450,609; Apr. 3.
Schmidt, Louis A., assignor to R. Hoe and Co., New York, N. Y. Marginal printing plates. 1,456,518; May 29.
Schmidt, Louis A., assignor to R. Hoe and Co., New York, N. Y. Marginal printing plate. 1,456,936; May 29.
Schmidt, Louis A., Brooklyn, assignor to R. Hoe and Co., New York, N. Y. Folding mechanism. 1,471,755; Oct. 23.
Schmidt, Max, trustee. (See Ries, Elmer F., assignor.)
Schmidt, Maximilian P., and H. Roese, assignors to the Firm Kalle & Company, Aktiengesellschaft, Biebrich-on-the-Rhine, Germany. Manufacture of dyestuffs. 1,444,277; Feb. 6.
Schmidt, Oscar C., assignor to The Cincinnati Butchers Supply Company, Cincinnati, Ohio. Stuffing mechanism 1,465,655; Aug. 21.
Schmidt, Oscar F. (See Kimes, R. H., and Schmidt.)
Schmidt, Peter L., Mohawk, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,461,331; July 10.
Schmidt, Reinhold, Dusseldorf-Oberkassel, Germany, assignor to N. V. Hollandsche Mattschappij tot Verkvijging en Exploitatie van Patenten en Octrosien "Hopatex," Rotterdam, Holland. Time stamp. 1,441,757. Jan. 9.
Schmidt, Robert, Boston, Mass. Chair. 1,471,006; Oct. 16.
Schmidt, Robert, Boston, Mass. Chair. 1,471,007; Oct. 16.
Schmidt, Walter A. (See Anderson, E., and Schmidt.)
Schmidt, Walter A., assignor to International Precipitation Company, Los Angeles, Calif. Apparatus for electrical precipitation of suspended material from gases. 1,453,325; May 1.
Schmidt, Walter A., assignor to International Precipitation Company, Los Angeles, Calif. Means for separating suspended particles from gases. 1,472,231; Oct. 30.

Alphabetical list of patentees—Continued.

Schmidt, Walter M., assignor to Quality Furniture Company, Evansville, Ind. Bed. Des. 63,662; Dec. 25.
Schmidt, William. (Busch, G. A., and Schmidt.)
Schmidt, William F., assignor to All Metal Products Company, Wyandotte, Mich. Game. 1,455,552; May 15.
Schmidt, William F., assignor to All Metal Products Company, Wyandotte, Mich. Toy pistol. 1,475,109; Dec. 4.
Schmidt, William H., Cincinnati, Ohio. Automatic valve. 1,455,670; May 15.
Schmidt'sche Heissdampf Gesellschaft m. b. H. (See Thomsen, Peter, assignor.)
Schmieding, Hermann E. H., Hankinson, N. Dak. Wrench. 1,441,120; Jan. 2.
Schmiedeknecht, Victor E., Louisville, Ky. Ware-molding apparatus and process. 1,461,563; July 10.
Schmitt, Carl J., Brooklyn, N. Y. Horn. 1,449,843; Mar. 27.
Schmitt, Charles A., assignor of one-fourth to J. E. Eastman, jr., Anaconda, Mont. Lock for sliding doors. 1,473,324; Nov. 6.
Schmitt, Charles F. O. E. (See Pavely, A. G., and Schmitt.)
Schmitt, Francis P., assignor to Peerblow Manufacturing Company, Leetsdale, Pa. Self-blowing torch. 1,467,070; Sept. 4.
Schmitt, Frederick, Oakland, Calif. Boiler-flue-setting device. 1,457,753; June 5.
Schmitt, George P., Oakland, Calif. Gas-heated radiator. 1,470,293; Oct. 9.
Schmitt, Henry, Detroit, Mich. Piston. 1,471,008; Oct. 16.
Schmitt, Henry J., Portland, Oreg. Wreck-retrieving device. 1,455,122; May 15.
Schmitt, Herman, Sheboygan, Wis. Automobile license-tag light. 1,448,599; Mar. 13.
Schmitt, John G. (See Behn, A., and Schmitt.)
Schmitt, Ludwig, Chicago, Ill. Motor-tension indicator for talking machines. 1,448,366; Mar. 13.
Schmitt, Michael P., North Chicago, Ill. Guide for grinding devices. 1,461,985; July 17.
Schmitt, Walter M., assignor to Quality Furniture Company, Evansville, Ind. Vanity dresser. Des. 63,661; Dec. 25.
Schmitt, Walter M., assignor to Quality Furniture Company, Evansville, Ind. Bureau. Des. 63,663; Dec. 25.
Schmitz, Antoine L. (See Morel, Louis, assignor.)
Schmitz, Fred A. (See McPike, H. C., and Schmitz.)
Schmitz, Fred A., assignor to The General Fireproofing Company, Youngstown, Ohio. Shipping crate. 1,456,042; May 22.
Schmitz, Joseph H., Southmayde, Tex. Nut or bolt holder. 1,448,238; Mar. 13.
Schmitz, Richard, et al., trustees. (See Schmitz, Richard, assignor.)
Schmitz, Richard, Chicago, Ill. Automobile brake. 1,458,730; June 12.
Schmitz, Richard, assignor to F. P. Armbruster and R. Schmitz, trustees, Chicago, Ill. Brake. 1,462,722; July 24.
Schmitz, Richard, assignor to F. P. Armbruster and R. Schmitz, trustees, Chicago, Ill. Brake for automobiles. 1,462,723; July 24.
Schmitz, William, New York, N. Y. Combination lock. 1,453,642; May 1.
Schmuck, Alta M., Pasadena, Calif. Bail support for cooking vessels. 1,475,890; Nov. 27.
Schmücking, August, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Centrifugal drum. 1,475,323; Nov. 27.
Schmutz, Frederick J., assignor to Cheney Bros., South Manchester, Conn. Yarn-examining machine. 1,448,980; Mar. 20.
Schnackenberg, Henry, Cresco, Pa. Drinking cup. 1,443,280; Jan. 23.
Schnake, August C., Centralia, Ill. Glare protector. 1,478,799; Dec. 25.
Schnebelin, Charles F., assignor to Stuber & Kuck Co., Peoria, Ill. Means to secure machine elements to one another. 1,449,365; Mar. 20.
Schnee, Vernon H., Ithaca, N. Y. Manufacture of black carbonaceous pigment. 1,446,933; Feb. 27.
Schneeberger, Alfred, Turtle Creek, Pa., assignor to Westinghouse Electric & Manufacturing Company. High-voltage pancake-type coil. 1,456,937; May 29.
Schneible, Joseph, Chicago, Ill. Drying or desiccating apparatus. 1,442,179; Jan. 16.
Schneible, Joseph, Chicago, Ill. Condenser. Re15,554; Mar 6.
Schneible, Joseph, Chicago, Ill. Absolute alcohol. 1,469,447; Oct. 2.
Schneider, Anthony, Whippany, N. J. Cigar package. 1,441,121; Jan. 2.
Schneider, Augustus G., Arlington, Calif. Gas heater. 1,475,450; Nov. 27.
Schneider, Charles E. R., assignor to The Photoplast Corporation of America, New York, N. Y. Apparatus for showing pictures in relief. 1,448,153; Mar. 13.
Schneider, Charles, Hackett, Ark. Resilient tire. 1,461,986; July 17.
Schneider, Christian L., Davenport, Iowa. Window-sash weight. Re15,634; June 26.
Schneider & Cie. (See Schneider, Eugène, assignor.)
Schneider & Cie. (See Schneider, Jean J. M. A. E., assignor.)
Schneider, Eugène, assignor to Schneider & Cie., Paris, France. Apparatus for distributing the combustible fluid and air in explosion engines. 1,441,302; Jan. 9.
Schneider, Eugène, assignor to Schneider & Cie., Paris, France. Closing device for guns having multiple barrels. 1,443,046; Jan. 23.
Schneider, Eugène, assignor to Schneider & Cie., Paris, France. Firing mechanism for guns. 1,443,047; Jan. 23.
Schneider, Eugène, assignor to Schneider & Cie., Paris, France. Gun mounted on double-trailed carriage. 1,443,048; Jan. 23.
Schneider, Eugene, assignor to Schneider & Cie., Paris, France. Method and apparatus for the manufacture of metal tubes. 1,447,821; Mar. 6.
Schneider, Eugène, assignor to Schneider & Cie., Paris, France. Wheeled gun carriage having divergible trail. 1,451,848; Apr. 17.
Schneider, Engène, assignor to Schneider & Cie., Paris, France. Gun carriage having cranked axletrees. 1,459,800; June 26.
Schneider, Eugène, assignor to Schneider & Cie., Paris, France. Wheeled gun carriage having divergible trails. 1,460,505; July 3.
Schneider, Eugène, assignor to Schneider & Cie., Paris, France. Plastic obturator for gun breeches. 1,460,683; July 3.
Schneider, Eugène, assignor to Schneider & Cie., Paris, France. Clutch-closing mechanism. 1,472,854; Nov. 6.
Schneider, Eugène, assignor to Schneider & Cie., Paris, France. Automatic tensioning apparatus for closing the parts of a clutch. 1,472,855; Nov. 6.
Schneider, Eugène, assignor to Schneider & Cie., Paris, France. Adjustable-action fuse for projectiles. 1,472,941; Nov. 6.
Schneider, Eugène, assignor to Schneider & Cie., Paris, France. Endless-track motor car. 1,474,918; Nov. 20.
Schneider, Eugène, assignor to Schneider & Cie., Paris, France. Gun carriage having a cranked carriage axle. 1,476,849; Dec. 11.
Schneider, Eugène, assignor to Schneider & Cie., Paris, France. Apparatus in and relating to trail-carriage guns mounted on endless tracks for varying the height of the line of fire of the gun. 1,477,979; Dec. 18.
Schneider, Eugène, assignor to Schneider & Cie., Paris, France. Central-pivot gun carriage. 1,477,980; Dec. 18.
Schneider, Frank G., Brooklyn, N. Y. Voice for dolls. 1,453,527; May 1.
Schneider, Fred W. (See Millhouse, J. G., Schneider, and Farmer.)
Schneider, George H., Rockaway Beach, N. Y. Universal clasp. 1,477,597; Dec. 18.
Schneider, Heinrich, Illnau, Switzerland. Oil-engine-driven locomotive. 1,447,488; Mar. 6.
Schneider, Herman L., Glen Ullin, N. Dak., assignor of one-half to L. Miller, Chicago, Ill. Power drive unit for agricultural implements. 1,463,097; July 24.
Schneider & Hyman. (See Hyman, Edward, assignor.)
Schneider, Isidor, New York, N. Y. Portable container handle. 1,451,408; Apr. 10.
Schneider, Jean J. M. A. E., assignor to Schneider & Cie., Paris, France. Arming of aeroplanes. 1,461,833; July 17.
Schneider, John W. (See Fister, Floyd L., assignor.)
Schneider, Joseph, Cincinnati, Ohio. Tire-chain-mounting device. 1,460,506; July 3.
Schneider, Leopold C., Glenside, Pa. Trap. 1,442,449; Jan. 16.
Schneider, Leopold C., Glenside, Pa. Trap. 1,442,450; Jan. 16.
Schneider, Louis, Clinton, Mo. Lever grip. 1,442,880; Jan. 23.
Schneider, Peter, Lawrenceburg, Ind. Combined step-ladder and ironing board. 1,464,629; Aug. 14.
Schneider, Peter F., Detroit, Mich. Agitator for washing machines. 1,478,182; Dec. 18.
Schneider, Ralph F., Jersey City, N. J. Bleeding apparatus. 1,458,958; June 19.
Schneider, Richard, Flushing, N. Y. Shutter. 1,445,177; Feb. 13.
Schneider, Walter C., Adams, Wis. Electrical sparking device. 1,468,517; Sept. 18.
Schneider, William E., Jersey City, N. J. Clothespin. 1,468,884; Sept. 25.
Schneider, William H. (See Ihrig, E. E., and Schneider.)
Schneider, William N., Cincinnati, Ohio. Angle-iron machine. 1,453,953; May 1.
Schneiderman, Isidore. (See Zweig, H., and Schneiderman.)
Schneidewendt, Anna T., Chicago, Ill. Kindergarten loom. 1,448,154; Mar. 13.
Schneidt, Ernest F., Detroit, Mich. Swimming mask. 1,463,926; Aug. 7.
Schnelle, Ernest E., Rochester, N. Y. Ball-bearing center. 1,442,364; Jan. 16.
Schnellwerkzeug Gesellschaft mit beschränkter Haftung (Briesen). (See Rosak, Karl, assignor.)
Schniper, Samuel. (See Fraidus, Jos., assignor.)

Schnitker, Alfred, assignor to G. S. Wilkymacky, Cincinnati, Ohio. Lamp. Des. 63,010; Sept. 4.
Schnitzer, Louis M., L. Garroway, Brooklyn, and N. Gelfman, New York, N. Y. Tray handle. Des. 63,201; Oct. 30.
Schnoeckel, Richard Auerbach, assignor to C. G. Haubold Aktien-Gesellschaft, Chemnitz, Germany. Heat-exchanging apparatus. 1,453,250; Apr. 24.
Schnuck, Carl F. (See Bowen, D. R., and Schnuck.)
Schnupp, Frederic A., Mechanicsburg, Pa. Convertible automobile body. 1,443,243; Jan. 23.
Schnupp, Frederic A., Mechanicsburg, Pa. Seat support. 1,446,588; Feb. 27.
Schoberle, Frederick P. (See Davino, A., and Schoberle.)
Schocket, Abraham, New York, N. Y. Embossed leather. Des. 61,987; Feb. 20.
Schocket, Abraham, New York, N. Y. Vanity case. Des. 62,805; July 31.
Schodder, Ludwig, assignor to C. Wittenborg, Herford, Germany. Smoke-discharging means for locomotives and the like. 1,464,297; Aug. 7.
Schoedinger, F. O. (See Hames, Harry C., assignor.)
Schoeke, Max, Manchester, England. Vehicle wheel. 1,450,610; Apr. 3.
Schoel, August. (See Wallace, David A., assignor.)
Schoel, August, assignor to G. Schoel, Waterloo, Iowa. Doughnut-machine attachment. 1,455,174; May 15.
Schoel, George. (See Schoel, August, assignor.)
Schoeller, Ferdinand, Opladen, near Cologne, assignor to K. R. Paul, Frankenberg, Saxony, Germany. Treating horsehair fabrics. 1,469,023; Sept. 25.
Schoeller, Walter, Freiburg, Breisgau, Germany. Pharmaceutical product. 1,457,675; June 5.
Schoen, Adolf, New York, N. Y. Heel-breasting machine. 1,453,191; Apr. 24.
Schoen, Adolf, New York, N. Y. Heel-cutting machine. 1,453,192; Apr. 24.
Schoenborn, William A., Hensel, N. Dak. Potato cutter. 1,443,281; Jan. 23.
Schoenbrun, Arthur, assignor to Magnum Import Co., Inc., New York, N. Y. Stoppered liquid container. Des. 62,311; May 1.
Schoenbrun, Arthur, assignor to Magnum Import Co., Inc., New York, N. Y. Container. 1,467,768; Sept. 11.
Schoendelen, Hugo, Maywood, Ill., assignor to American Can Company, New York, N. Y. Safety device for punch presses and the like. 1,443,761; Jan. 30.
Schoener, Herman. (See Welte, Joseph J., assignor.)
Schoenfeld, Louis N., et al. (See Youlten, William, assignor.)
Schoenfeldt, Henry W., G. A. Reinhardt, and E. T. McCleary, Youngstown, Ohio. Welding. 1,467,625; Sept. 11.
Schoenky, August R., Somerville, assignor to Reece Shoe Machinery Company, Boston, Mass. Sewing machine. 1,464,630; Aug. 14.
Schoenleber, John G. (See Bell, Thomas H., assignor.)
Schoenleber, John G. (See Bell, T. H., and Schoenleber.)
Schoenthal, Fred C., Alden, N. Y. Trolley wheel. 1,465,873; Aug. 21.
Schoenung, Alexander N., Chilton, Wis. Headlight-dimming device. 1,465,872; Aug. 21.
Schoepe, Joseph, New York, N. Y. Paper-cup-dispensing device. 1,461,332; July 10.
Schoff, Henry W., River Forest, Ill. Auto lock. 1,474,211; Nov. 13.
Schofield, Frederick C., assignor to The Tobacco Stemming Machine Company, Lynchburg, Va. Stemming tobacco. 1,476,770; Dec. 11.
Schofield, Frederick C., assignor to The Tobacco Stemming Machine Company, Lynchburg, Va. Tobacco-stemming machine. 1,476,771; Dec. 11.
Schofield, Henry N., Frederick, Md. Cooler attachment for engines. 1,453,528; May 1.
Scholes, Edmond P., San Jose, Calif., assignor of one-half to J. B. Sterling, New York, N. Y. Air brake. 1,472,497; Oct. 30.
Scholl, Barney. (See Scholl, William H. and B.)
Scholl, William H. and B., Houston, Tex. Salad dressing. 1,474,445; Nov. 20.
Scholl, William M., Chicago, Ill. Device for giving foot comfort. 1,469,607; Oct. 2.
Scholler, Louis, San Francisco, Calif. Necktie holder. 1,478,064; Dec. 18.
Schollhorn, William, Company, The. (See Bernard, William A., assignor.)
Scholtes, Albert J., Mobile, Ala. Chassis brace. 1,453,954; May 1.
Scholz, Edward. (See Stalder, E. J., and Scholz.)
Scholz, Katharina, Freiheit, Bohemia, Czechoslovakia. Obstetric apparatus. 1,463,177; July 31.
Schommer, Frank. (See Schuetz, Michael, assignor.)
Schomo, Laurence L., Sayre, Pa. Washing machine. 1,447,899; Mar. 6.
Schön, Ludwig, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Device for electromagnetical quenching of light arcs appearing upon the interruption of an electric circuit. 1,453,193; Apr. 24.
Schön, Ludwig, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Switch drum for starting and controlling electromotors 1,474,094; Nov. 13.
Schön, Ludwig, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Electric switch device. 1,475,144; Nov. 20.
Schoneberger, Gerhard G., Oak Park, Ill. Pneumatic tire. 1,474,387; Nov. 20.
Schönfeld, Paul, Bochum-Weitmar, Germany. Gripping device for lifts and the like. 1,462,382; July 17.
Schonfield, William, London, England. Operator for swinging windows. 1,444,393; Feb. 6.
Schonfield, William, St. Mary Axe, London, England. Operating device for swinging windows. 1,456,468; May 22.
Schonholtz, Jacob. (See Popiel, M. A., and Schonholtz.)
Schonhorst, August, Altadena, Calif. Phonograph tone chamber. 1,445,915; Feb. 20.
Schonsteiner, Gottlieb, and T. E. Michael, Pittsburgh, Pa. Suction support for bootblack stands and the like. 1,463,631; July 31.
Schoof, Arthur W., Greenfield, Mass. Instrument for testing and comparing the lead of a screw thread. 1,456,938; May 29.
Schooley, James G., and H. M. Randsdell, Tulsa, Okla. Apparatus for turning deep-well bits when being sharpened. 1,456,833; May 29.
Schoonhoven, Jacob, Shannon, Ill. Animal trap. 1,463,846; Aug. 7.
Schoonover, Daniel R., Tuxedo, N. Y. Clothesline tightener. 1,469,112; Sept. 25.
Schoonover, William L., Lind, assignor of one-sixth to D. E. Workland, Spokane, Wash. Piston-position indicator for engines. 1,449,554; Mar. 27.
Schopbach, Charles H., assignor to International Corset Company, Aurora, Ill. Corset. 1,458,365; June 12.
Schopbach, Charles H., assignor to International Corset Company, Aurora, Ill. Corset. 1,458,995; June 19.
Schopflocher, Siegfried, Montreal, Quebec, Canada. Container. 1,464,273; Aug. 7.
Schopper, Charles. (See Hungerbühler, O. J., and Schopper.)
Schorer, George G., North Freedom, Wis. Apparatus for separating fibrous and nonfibrous materials in food products. 1,474,566; Nov. 20.
Schorik, Frank, Chicago, Ill. Water heater. 1,459,164; June 19.
Schorik, Frank, assignor to J. Kostohryz, Chicago, Ill. Flash-light gun. 1,460,214; June 26.
Schorrath, Edward, Milwaukee, Wis. Pliers. 1,471,531; Oct. 23.
Schory, Ralph M. (See Harsh, Clarence E., assignor.)
Schott, Calvin S., Buck Creek, Ind. Internal-combustion engine. 1,443,719; Jan. 30.
Schott & Gen. (See Voss, Wilhelm, assignor.)
Schott, Henry, Longmeadow, Mass. Ice-cream cutter. 1,447,900; Mar. 6.
Schou, Frank W., Lincoln, Nebr., assignor to V. Schou, Dodge City, Kans. Keyhole guard. 1,470,937; Oct. 16.
Schou, Theodor, and R. L. Behrens, assignors to The Ideal Electric & Manufacturing Co., Mansfield, Ohio. Dynamo-electric stator. 1,477,773; Dec. 18.
Schou, Vane. (See Schou, Frank W., assignor.)
Schowe, Harry G., and H. J. Hansen, assignors to The Rex Products Company, Cleveland, Ohio. Air-hose coupling. 1,455,451; May 15.
Schrader, Elmer A., Independence, Iowa. Combination baking apparatus for dental molds. 1,444,708; Feb. 6.
Schrader, Ernest C., assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio. Gas burner. 1,476,184; Dec. 4.
Schrader, Lloyd F., assignor to Foundation Oven Corporation, New York, N. Y. Reversing mechanism for by-product coke ovens. 1,460,829; July 3.
Schrader's, A., Son, Inc. (See Faries, Robert, assignor.)
Schrader's, A., Son, Inc. (See Schweinert, M. C., and Kraft, assignors.)
Schrader's, A., Son, Incorporated. (See Bowden, Junius A., assignor.)
Schrader's A., Sons, Incorporated. (See Cole, Philip G. assignor.)
Schrader's, A., Son, Incorporated. (See Hammond, William P., assignor.)
Schrader's, A., Son, Incorporated. (See Kraft, Henry P., assignor.)
Schrader's, A., Son, Incorporated. (See Myers, Eugene V., assignor.)
Schrader's, A., Son, Incorporated. (See Shaffer, Cleve T., assignor.)
Schraeder's, A., Son, Incorporated. (See Solemink, Lloyd B., assignor.)
Schrader's, A., Son, Incorporated. (See Wahl, John, assignor.)
Schraeder, Joseph E., Crookston, Minn. Electric battery heater. 1,444,561; Feb. 6.
Schrafft, Wm. F., & Sons, Corporation. (See Hawes, Newell H., assignor.)
Schrag, David, New York, N. Y. Combination tool. 1,441,948; Jan. 9.
Schram, Bernard, Paterson, N. J. Warping machine. 1,469,339; Oct. 2.
Schram Glass Manufacturing Company. (See Davidson, Scott, assignor.)
Schram, Joe, Lawton, Okla. Aeroplane. 1,478,183; Dec. 18.

Schramke, Edward J., Saginaw, Mich. Vehicle. 1,465,318; Aug. 21.
Schramm, Frederick W., Springfield, Mass. Hot-air supply to intake manifolds. 1,457,043; May 29.
Schramm, Henry A., and J. D. Hawkins, San Antonio, Tex. Fuel saver. 1,447,901; Mar. 6.
Schramm, Theodore W., Bay City, Mich. Powder puff. 1,465,566; Aug. 21.
Schranz, Frederick G., assignor to Southwark Foundry & Machine Company, Philadelphia, Pa. Clothes wringer. 1,468,924; Sept. 25.
Schranz, Frederick G., and W. H. Harman, assignors to Southwark Foundry & Machine Company, Philadelphia, Pa. Clothes wringer. 1,468,925; Sept. 25.
Schreck, Hans L. B., Wheeling, W. Va. Sheet or annealing furnace. 1,468,837; Sept. 25.
Schreiber, Benjamin H., Galveston, Tex. Tire. 1,477,453; Dec. 11.
Schreiber, David, New York, N. Y. Shirt retainer. 1,459,750; June 26.
Schreiber, Eduard. (See Zöllin, A., and Schreiber.)
Schreiber, John, St. Louis, Mo. Sewing machine. 1,440,556; Jan. 2.
Schreiber, John H., St. Louis, Mo. Making piston rings. 1,468,171; Sept. 18.
Schreiber, John J., Minneapolis, Minn. Process and apparatus for treating cereals. 1,444,528; Feb. 6.
Schreiber, Walter T., Baltimore, Md., assignor to U. S. Industrial Alcohol Co. Motor fuel. 1,469,053; Sept. 25.
Schreiber, Walter T., Baltimore, Md., assignor to U. S. Industrial Alcohol Co. Nonfreezing fuel. 1,474,982; Nov. 20.
Schreiber, Walter T., Baltimore, Md., assignor to U. S. Industrial Alcohol Co. Motor fuel. 1,474,983; Nov. 20.
Schreier, Herman, Sheboygan, Wis. Ventilator hood for windows. 1,470,392; Oct. 9.
Schreiner, Arthur W., Brooklyn, N. Y. Phonograph reproducer. 1,459,605; June 19.
Schreiter, Thielo B., San Bernardino, Calif. Combination curtain ring and pin. 1,445,106; Feb. 13.
Schriver, O. P., Company, The. (See Happensack, Edward F., assignor.)
Schrock, Roy, Enid, Okla. Letter box. 1,471,364; Oct. 23.
Schröder, Edmund, Berlin, Germany. Electric rivet heater. 1,440,750; Jan. 2.
Schröder, Edmund, Berlin, Germany. Electric seam-welding machine. 1,452,762; Apr. 24.
Schröder, Edmund, Berlin, Germany. Regulating gear. 1,460,281; June 26.
Schröder, Ferdinand, Berlin, Germany, assignor to Internationale Siegwartbalken-Gesellschaft, Luzern, Switzerland. Manufacture of concrete articles. 1,446,435; Feb. 20.
Schroder, Fred F., assignor to H. G. Saal, Chicago, Ill. Casting machine. 1,440,557; Jan. 2.
Schröder, Hans W. C. (See Dräger, A. B., Schröder, and Kunzmann.)
Schröder-Stranz, Hans, Rittergut Stranz, Germany. Glove. 1,455,819; May 22.
Schroeder, Anthony, Cleveland, Ohio. Metal container. 1,444,529; Feb. 6.
Schroeder, Anthony, assignor to J. M. Finney, Cleveland, Ohio. Seaming machine. 1,469,024; Sept. 25.
Schroeder, Charles F., and A. A. Quedensley, Chicago, Ill. Hammer. 1,447,732; Mar. 6.
Schroeder, Charles F., and A. A. Quedensley, Chicago, Ill. Hammer. 1,475,969; Dec. 4.
Schroeder, Charles S. (See Morgan, J. C., and Schroeder.)
Schroeder, Charles S., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Frame construction for industrial trucks. 1,442,099; Jan. 16.
Schroeder, Charles S., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Controlling means. 1,474,446; Nov. 20.
Schroeder, Charles S., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Electrical controlling means. 1,474,447; Nov. 20.
Schröeder, Edmund, Berlin, Germany, assignor to the Firm Braun-Brüning & Co., Basel, Switzerland. Device for heating forging pieces by electric-resistance heating. 1,477,009; Dec. 11.
Schroeder, Edward C., Postville, Iowa. Corn-husking machine. 1,444,009; Feb. 6.
Schroeder, Ernst R., and C. M. Miller, Alameda, Calif. Tube bracket. 1,451,119; Apr. 10.
Schroeder, Frederick A., Bogota, N. J., and H. R. Smith, Brooklyn, assignors to Raymond Concrete Pile Company, New York, N. Y. Brick-handling apparatus. 1,452,711; Apr. 24.
Schroeder, George G., assignor to Roller Harrow Company, Washington, D. C. Roller harrow. 1,474,294; Nov. 13.
Schroeder, Harry E., Pittsburgh, Pa. Paper-dispensing apparatus. 1,449,062; Mar. 20.
Schroeder, John F. (See Lamm, A., and Schroeder.)
Schroeder, Joseph. (See Butscher, J., and Schroeder.)
Schroeder, Martin P. H., Chicago, Ill. Manifold lock. 1,476,924; Dec. 11.
Schroeder, Rudolph W., Dayton, Ohio. Flowmeter. 1,450,611; Apr. 3.
Schroeder, Ruth S. M., Chicago, Ill. Toilet article. 1,465,062; Aug. 14.
Schroeder, Simon E., Minier, Ill. Automatic screw driver. 1,441,033; Jan. 2.
Schroeder, Simon E., Oak Park, Ill. Screw-feeding device. 1,463,338; July 31.
Schroeder, Simon E., Oak Park, assignor to Washington Rubber Co., Cicero, Ill. Apparatus for making rubber rollers. 1,457,290; May 29.
Schroeder, William, jr., Brooklyn, N. Y. Industrial truck. 1,471,709; Oct. 23.
Schroeder, William, jr., assignor to Elevevor Electric Industrial Truck Co., Brooklyn, N. Y. Industrial truck. 1,445,604; Feb. 13.
Schroeter, George A. (See Marteau, R. L., and Schroeter.)
Schroetter, Arnold, assignor to American White Gold Manufacturing Company, Inc., New York, N. Y. Alloy. 1,468,407; Sept. 18.
Schrot, Paul, Bad Sooden, Germany. Agglutinant for veneer. 1,460,341; June 26.
Schröter, Fritz, Berlin, Germany. Amplifier for electromagnets. 1,477,668; Dec. 18.
Schroth, Robert C., jr., New York, N. Y., and C. A. Herman, Bridgeport, Conn. Power hammer. 1,461,460; July 10.
Schroyer, Charles T., Sioux Falls, S. Dak. Frying machine. 1,467,396; Sept. 11.
Schrum, Peter N., Lansing, Ill. Cultivator. 1,444,530; Feb. 6.
Schryer, Paul F., Wauwatosa, Wis. Water-circulating pump for engines. 1,467,120; Sept. 4.
Schuchardt, Rudolph F., Chicago, Ill., assignor to General Electric Company. Meter. Re15,697; Oct. 9.
Schuchardt, Rudolph F., Chicago, Ill., assignor to General Electric Company. Meter. Re15,724; Nov. 13.
Schuchardt & Schütte. (See Herrmann, Richard, assignor.)
Schuck, Conrad, jr., and G. Layer, East Orange, N. J. Safety gas-control system. 1,457,127; May 29.
Schuck, Harold P. (See Daniels, E. S., and Schuck.)
Schuck, Walter P., Portland, Oreg., assignor, by mesne assignments, to Vegetable Oil Securities Company, Pittsburgh, Pa. Making metal catalysts. 1,467,397; Sept. 11.
Schuckman, John P., Wichita, Kans. Animal trap. 1,461,681; July 10.
Schueler, George R., Kingston-upon-Hull, England. Oil or like press or expressing apparatus of the worm-screw type. 1,467,737; Sept. 11.
Schueler, Julian L., and C. A. Kellogg, Bartonville, Ill. Apparatus for measuring high temperatures. 1,475,365; Nov. 27.
Schuerg, William, Menard, Tex. Truss. 1,453,570; May 1.
Schuermann, Anton C. (See Mueller, P., and Schuermann.)
Schuessler, Oscar A., Cincinnati, Ohio. Lens-lapping-tool grinder. 1,448,239; Mar. 13.
Schuessler, William J., Knox, Ind. Shock absorber. 1,445,414; Feb. 13.
Schuetz, George L., Zionsville, Ind. Automatic stop for phonographs. 1,461,050; July 10.
Schuetz, Henry, Pittsburgh, Pa. Combination tool. 1,463,374; July 31.
Schuetz, Michael, assignor of one-fourth to F. Schommer, Sheboygan, Wis. Animal trap. 1,454,015; May 1.
Schuh, Charles H., Brooklyn, N. Y. Cathode for the electrolytic refining of metals. 1,468,838; Sept. 25.
Schuh, Charles H., Brooklyn, N. Y. Cathode for the electrolytic refining of metal. 1,470,883; Oct. 16.
Schuh, Henry F. (See Green, C. A., and Schuh.)
Schuh, John J., Altoona, Pa. Ladder clamp. 1,470,489; Oct. 9.
Schulde, John, assignor to Henry L. Hussman Refrigerator & Supply Company, St. Louis, Mo. Refrigerator. 1,447,733; Mar. 6.
Schulde, John, assignor to Harry L. Hussmann Refrigerator & Supply Company, St. Louis, Mo. Counter refrigerator. 1,476,925; Dec. 11.
Schulde, John, assignor to Harry L. Hussman Refrigerator & Supply Company, St. Louis, Mo. Showcase refrigerator. 1,476,926; Dec. 11.
Schulemann, Werner, Vohwinkel, L. Schütz, and K. Meisenburg, Elberfeld, assignors to Farbenfabriken vorm. Friedr. Bayer and Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Ester of substituted amino propyl alcohol. 1,474,567; Nov. 20.
Schulenberg, Frederick H., assignor to Vapo Stove Company, Lima, Ohio. Oil valve. 1,468,172; Sept. 18.
Schüler, E. Otto, Falkenstein, Germany, assignor to Perlmann, Schal & Stern, New York, N. Y. Machine embroidery. Des. 63,089; Oct. 2.
Schuler, Edward, Springfield, Ill. Paper-hanger's sectional plank. 1,470,122; Oct. 9.
Schüler, Ernst O., Falkenstein, Germany, assignor to Perlmann, Schal & Stern, New York, N. Y. Machine embroidery. Des. 62,652; July 10.
Schuler, Max, assignor to the Firm Anschutz & Co., Neumuhlen, near Kiel, Germany. Lightship beacon. 1,442,543; Jan. 16.
Schuler, Max, assignor to Anschutz & Co., Neumuhlen, near Kiel, Germany. Electric machine. 1,453,083; Apr. 24.

Schulman, Louis. (See Hoffman, Clarence O., assignor.)
Schulmeyer, Jean, Frankfort-on-the-Main, and P. Hildmann, Klein-Schwalbach, assignors to G. Hartmann, Frankfort-on-the-Main, Germany. Burner for gaseous Fuel. 1,446,666; Feb. 27.
Schulte, Frank W., Clarksburg, W. Va. Power trip. 1,470,332; Oct. 9.
Schulte, Walter B., Madison, Wis., assignor to Burgess Battery Company. Wave signaling system. 1,471,756; Oct. 23.
Schulte, Walter B., Madison, Wis., assignor to Burgess Battery Company. Position indicator. 1,462,664; July 24.
Schulthess, Ernest, South Orange, N. J. Hose. 1,455,359; May 15.
Schultz, Anton. (See Schultz, Frank A., assignor.)
Schultz, Edward, Maywood, assignor, by mesne assignments, to Mrs. E. A. Laughery, Chicago, Ill. Coin-operated vending machine. 1,451,787; Apr. 17.
Schultz, Ernest, East Melbourne, Victoria, Australia. Resilient wheel. 1,460,446; July 3.
Schultz, Frank A., Burnett Junction, assignor to A. Schultz, Columbus, Wis. Seat support for tractors and other motor-driven vehicles. 1,467,817; Sept. 11.
Schultz, Fred, assignor to The Lockwood Manufacturing Company, Cincinnati, Ohio. Multiple baking pan. 1,443,095; Jan. 23.
Schultz, Frederick A., Hasbrouck Heights, N. J. Ear manipulator. 1,450,612; Apr. 3.
Schultz, Herman J., Chicago, Ill. Printing press. 1,478,488; Dec. 25.
Schultz, John. (See Hnilo, Frank, assignor.)
Schultz, John L., assignor to American Engineering Company, Philadelphia, Pa. Stoker ram. 1,4441,122; Jan. 2.
Schultz, Paul, Des Moines, Iowa. Slide trolley. 1,462,770; July 24.
Schultz, William C., Walla Walla, Wash. Safety device for electric irons. 1,468,418; Sept. 18.
Schultze, Paul, Wauchula, Fla. Tire rim. 1,465,096; Aug. 14.
Schulz, Albert C., assignor, by mesne assignments, to The Locomobile Company, Bridgeport, Conn. Sectional radiator. 1,441,034; Jan. 2.
Schulz, Clyde E., assignor to Automotive Radiator Machine Company, Fort Dodge, Iowa. Radiator-repair machine. 1,446,667; Feb. 27.
Schulz, John H., and W. E. Krause, assignors to Universal Bakery Equipment Company, Milwaukee, Wis. Machine for making doughnuts or other bakery products. 1,444,041; Feb. 6.
Schulz, M., Company. (See Gustafson, Adolph P., assignor.)
Schulz, Paul H., and C. Jessen, Milwaukee, Wis. Signal head. Des. 62,421; May 22.
Schulz, Richard, Danville, Ill. Sand button for use on wooden snap flasks. 1,441,035; Jan. 2.
Schulze, Arthur R. (See McGee, F. R., and Schulze.)
Schulze, Frank G. (See Whitted, H. F., and Schulze.)
Schulze, John E., Chicago, Ill., assignor to Red River Refining Company, Inc., Shreveport, La. Oil distillation. 1 448,709; Mar. 13.
Schulze, John W., assignor to Alfred Vester Sons, Inc., Providence, R. I. Pendulet. Des. 62,250; Apr. 24.
Schulze, John W., assignor to Alfred Vester Sons, Inc., Providence, R. I. Leaf ornament for electric fixtures, etc. Des. 62,344; May 8.
Schulze, John W., assignor to Alfred Vester Sons, Inc., Providence, R. I. Husk for electric-light fixtures. 1,460,040; June 26.
Schulze, Otto, Baden-Baden, Germany. Liquid-fuel-feeding device for internal-combustion engines. 1,443,720; Jan. 30.
Schulze, William H., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Transmission drive for speedometers. 1,461,293; July 10.
Schulze, William H., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Drive connection for travel-indicating instruments. 1,461,806; July 17.
Schulze, William H., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Transmission drive. 1,461,941; July 17.
Schulze, William H., assignor to Steward-Warner Speedometer Corporation, Chicago, Ill. Differential shaft drive for speedometers and the like. 1,465,003; Aug. 14.
Schumacher, Abraham, Washington, D. C. Blanket stretcher. 1,476,372; Dec. 4.
Schumacher, Albert H. A., Columbus, Ohio. Automatic railway-train stop. 1,443,851; Jan. 30.
Schumacher, August, Flushing, N. Y. Brush. 1,472,685; Oct. 30.
Schumacher, Charles H. (See Moore, H. W., and Schumacher.)
Schumacher, Earle E., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Coating. 1,467,398; Sept. 11.
Schumacher, Elmer L., assignor to American Optical Company, Southbridge, Mass. Combination frame. 1,457,608; June 5.
Schumacher, Elmer L., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 1,461,071; July 10.
Schumacher, Elmer L., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 1,471,009; Oct. 16.
Schumacher, Elmer L., assignor to American Optical Company, Southbridge, Mass. Case. 1,473,359; Nov. 6.
Schumacher, Fritz. (See Scheufelen, A., and Schumacher.)
Schumacher, James H. (See Scanlon, H. P., and Schumacher.)
Schumacher, James H., and H. P. Scanlon, Long Beach, Calif. Swivel for traveling blocks. 1,441,179; Jan. 2.
Schumacher, John, Los Angeles, Calif. Reenforced plaster board. 1,440,633; Jan. 2.
Schumacher, John, Los Angeles, Calif. Plaster-board lath. 1,473,445; Nov. 6.
Schuman, Albert C., assignor to Reed Manufacturing Company, Newark, N. Y. Nesting device. 1,468,748; Sept. 25.
Schuman, Frank J., Cleveland Heights, Ohio, assignor to The Allan Manufacturing and Welding Corporation, Buffalo, N. Y. Method of and apparatus for welding. 1,452,936; Apr. 24.
Schuman, Harry. (See Dietz, C. A., and Schuman.)
Schuman, Solomon, Denver, Colo. Carrier for suit boxes. 1,462,831; July 24.
Schumann, Frank A., South Bend, Ind. Automatic adjustable cylinder lap. 1,476,927; Dec. 11.
Schumann, Robert, Dusseldorf, Germany. Lens-edging machine. 1,474,171; Nov. 13.
Schumann, Robert, Dusseldorf, Germany. Machine for cutting spectacle glasses. 1,465,366; Aug. 21.
Schupp, Arthur A., assignor to Wilcox Motor & Manufacturing Co., Saginaw, Mich. Making poppet valves. 1,470,034; Oct. 9.
Schurch, Jacob, assignor of one-half to W. H. Heise, Los Angeles, Calif. Electric drive for vehicles. 1,459,165; June 19.
Schürer, Eugen, Cologne-Mulheim, Germany. Self-induction coil for loading telephone cables. 1,471,632; Oct. 23.
Schurman, John, Highland Park, Mich. Partition. 1,443,549; Jan. 30.
Schurr, Charles H., assignor to The Lees-Bradner Company, Cleveland, Ohio. Gear-grinding apparatus. 1,462,985; July 24.
Schurr, Charles H., assignor to The Lees-Bradner Company, Cleveland, Ohio. Ring-type cutter and its use. 1,465,240; Aug. 14.
Schurr, Charles H., assignor to The Lees-Bradner Company, Cleveland, Ohio. Indexing mechanism. 1,467,985; Sept. 11.
Schuster, Anton, St. Louis, Mo. Attachment for barber shears. 1,466,193; Aug. 28.
Schuster, Karl R., Brooklyn, N. Y. Reinforced floor construction. 1,450,187; Apr. 3.
Schuster, Thomas, Phoenix, Ariz. Water gate. 1,450,989; Apr. 10.
Schuster, Thomas, Phoenix, Ariz. Mold for concrete pipes. 1,475,145; Nov. 20.
Schutt, Henry A., and J. N. Dunnebacke, Grand Rapids, Mich. Conveyer. 1,471,927; Oct. 23.
Schutt, Theodore H., assignor to The Russ Company, Cleveland, Ohio. Self-closing faucet. 1,454,340; May 8.
Schütte, Hans, assignor to the Firm of Rheiner Maschinenfabrik Windhoff Aktien-Gesellschaft, Rheine, Germany. Turntable. 1,466,966; Sept. 4.
Schutte, Karl, Rutherford, N. J., assignor to The Flintkote Company, Boston, Mass. Waterproofing element. 1,448,155; Mar. 13.
Schutte and Koerting Company. (See Knauf, Paul W., assignor.)
Schuttig, Charles L., Ridgefield Park, N. J. Treating cotton fabric and product obtained thereby. 1,451,306; Apr. 10.
Schutz, Charles H., Paris, France. Easel. 1,450,821; Apr. 3.
Schutz, Joseph M., Inc. (See Schutz, Joseph M., assignor.)
Schutz, Joseph M., assignor to Joseph M. Schutz, Inc., Chicago, Ill. Automobile hood clamp. 1,445,851; Feb. 20.
Schütz, Ludwig. (See Schulemann, W., Schütz, and Meisenburg.)
Schuyler, Albert B. and R. B., Rochester, N. Y. Jarring machine. 1,454,490; May 8.
Schuyler, Karl C., trustee. (See Waters, Harry F., assignor.)
Schuyler, Ross B. (See Schuyler, Albert B. and R. B.)
Schwab, Charles E., Lyons, N. Y. Combined chute and bag holder. 1,453,286; May 1.
Schwab, Henry, Bicknell, Calif. Deep-well pump. 1,450,647; Apr.
Schwab, John, Winnipeg, Manitoba, Canada. Automobile tube. 1,447,521; Mar. 6.
Schwab, John, Winnipeg, Manitoba, Canada. Automobile tube. 1,455,889; May 22.
Schwab, Louis. (See McGuckin, John J., assignor.)
Schwab, Louis. (See McGuckin, J. J., and Peyer, assignors.)
Schwaegler, William, Chicago, Ill. Knockdown table. 1,467,505; Sept. 11.

Schwager, Albert, Kreuzlingen, Switzerland. Hand vise. 1,473,880; Nov. 13.
Schwalb, Jacob. (See Arend, F., Schwalb, and Sonnemann.)
Schwalbach, Anna B., Bay View, Wis. Table. 1,444,042; Feb. 6.
Schwanke, Adolph, Wenona, Ill. Envelope-moistening and stamp-affixing machine. 1,443,386; Jan. 30.
Schwantes, Julius A., assignor to The Palmolive Company, Milwaukee, Wis. Apparatus for cutting soap into bars. 1,454,769; May 8.
Schwantes, Julius A., assignor to Palmolive Co., Milwaukee, Wis. Soap machine. 1,476,772; Dec. 11.
Schwartz, Alfred J., Detroit, Mich. Silent sales storeroom for perishable goods. 1,446,215; Feb. 20.
Schwartz Belting Co. (See Schwartz, James M., assignor.)
Schwartz, Daniel H. (See Hickey, J., and Schwartz.)
Schwartz, Fred A., Coshocton, Ohio. Mold for pneumatic-tire tubes. Re. 15,518; Jan. 2.
Schwartz, George L. (See Abraham, C. D., and Schwartz.)
Schwartz, Gerhardt F., St. Louis, Mo. Safety control for automatic gas appliances. 1,454,341; May 8.
Schwartz, Harry, Brooklyn, assignor to Eureka Bedding Manufacturing Company, New York, N. Y. Bed-frame corner piece. 1,441,604; Jan. 9.
Schwartz, Harry A., Defiance, Ohio. Forming metal. 1,450,648; Apr. 3.
Schwarz, Henry G., Denver, Colo. Sugar-beet storage. 1,478,534; Dec. 25.
Schwartz, Herbert W., Chicago, Ill. Headlight device. 1,464,016; Aug. 7.
Schwartz, Isabel, New York, N. Y. Can lining. 1,465,367; Aug. 21.
Schwartz, Israel, Danbury, Conn. Wheel-truing gauge. 1,450,518; Apr. 3.
Schwartz, Jacob G., Rockingham Township, Scott County, Iowa. Blotting inkstand. 1,460,507; July 3.
Schwartz, James M., Boonton, N. J., assignor to Schwartz Belting Co. Clamp for stretching leather and the like. 1,472,617; Oct. 30.
Schwartz, James M., Boonton, N. J., assignor to Schwartz Belting Co. Adjustable clamp for the edges of leather and the like. 1,472,618; Oct. 30.
Schwartz, John O., Hope, Ind. Front drive. 1,459,639; June 19.
Schwartz, Lewis R., New Haven, Conn. Combined chair and swing. 1,478,768; Dec. 25.
Schwartz, Moritz D., New York, N. Y. Hanger for books. 1,475,451; Nov. 27.
Schwartz, Nathan, Newark, N. J. Producing knit fabrics. 1,470,490; Oct. 9.
Schwartz, S. Robert. (See Bostroem, August, assignor.)
Schwartz, S. Robert, and A. Bostroem, New York, N. Y., assignors to said Schwartz. Mounting lamp shade. 1,472,686; Oct. 30.
Schwartz, Seymour & Company. (See Seymour, Ralph C., assignor.)
Schwartz, Stephen. (See Jenkins, U. S., and Schwartz.)
Schwartz, Walter M., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Tray drier. 1,461,682; July 10.
Schwartz, Walter M., and E. B. Ayres, assignors to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Drier. 1,451,589; Apr. 10.
Schwartz, Walter M., and E. B. Ayres, assignors to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Leather drier. 1,454,694; May 8.
Schwartz, Walter M., and H. Bogaty, assignors to The Philadelphia Textile Machinery Company, Philadelphia, Pa. Conveyer for driers. 1,456,340; May 22.
Schwartz, William, assignor to Heidelberg, Wolf & Company, New York, N. Y. Garment. 1,476,702; Dec. 4.
Schwartzberg, Louis, Chicago, Ill. Cushion for egg cases. 1,464,628; Aug. 14.
Schwärtzel, Benno. (See Onnertz, P., Petres, and Schwärtzel.)
Schwartzman, Jacub, Brooklyn, N. Y. Link fabric for bedsprings. 1,464,834; Aug. 14.
Schwarz, Adolph W., St. Paul, Minn. Toy. 1,466,194; Aug. 28.
Schwarz, Alfred, Montclair, N. J., assignor to Petroleum Sand Products Corporation. Treating hydrocarbons. 1,458,443; June 12.
Schwarz-Bertschmeier, Elise, St. Gallen, Switzerland. Edge reenforcer for hosiery. 1,449,555; Mar. 27.
Schwarz, Charles, Bayonne, N. J. Educational and amusement toy. 1,459,096; June 26.
Schwarz, Ernest, New York, N. Y. Flexible coupling. 1,458,894; June 12.
Schwarz, Matilda C., Freeport, Ill. Foldable receptacle for games and other articles. 1,467,690; Sept. 11.
Schwarz, Maurice. (See Reiner, L., and Schwarz.)
Schwarz, Paul G., assignor to Drew Electric and Manufacturing Company, Indianapolis, Ind. Feeder clamp for overhead trolley systems. 1,445,178; Feb. 13.
Schwarz, Rudolph, Pittsburgh, Pa., assignor, by mesne assignments, to W. Feld, Baltimore, Md. Rocker. Des. 63,330; Nov. 20.
Schwarzbach, William C. (See Hartman, A. A., and Schwarzbach.)
Schwarze, Bruno, Berlin-Charlottenburg, assignor to the Firm Wolf Netter and Jacobi, Berlin, Germany. Wardrobe. 1,465,288; Aug. 21.
Schwarzkopf, Oscar, New York, N. Y., assignor to Victory Sparkler & Specialty Company, Elkton, Md. Toy bird songster. 1,445,362; Feb. 13.
Schwarzmann, Wolfgang E., Longmeadow, assignor to American Bosch Magneto Corporation, Springfield, Mass. Magneto. 1,457,463; June 5.
Schwarzmann, Wolfgang E., Longmeadow, assignor to American Bosch Magneto Corporation, Springfield, Mass. Magneto. 1,473,255; Nov. 6.
Schwed, Bertie S., Far Rockaway, N. Y. Sewing case. 1,457,860; June 5.
Schwede, Wilhelm, Foley, Minn. Wheat heater. 1,443,597; Jan. 30.
Schweder, Oscar F., Billings, Mont. Rake. 1,451,590; Apr. 10.
Schwegler, Clarence C. (See Strosacker, C. J., and Schwegler.)
Schweinebraten, Louis G., Birmingham, Ala. Rotary calking tool. 1,445,415; Feb. 13.
Schweinert, Maximilian C., West Hoboken, N. J. Gauge. 1,455,890; May 22.
Schweinert, Maximilian C., New York, N. Y. Attachment for valve insides. 1,455,891; May 22.
Schweinert, Maximilian C., New York, N. Y. Tool for tire valves or the like. 1,459,751; June 26.
Schweinert, Maximilian C., West Hoboken, N. J. Life-preserver valve. 1,466,734; Sept. 4.
Schweinert, Maximilian C., West Hoboken, N. J. Tire valve. 1,469,966; Oct. 9.
Schweinert, Maximilian C., West Hoboken, N. J. Inflating device. 1,478,584; Dec. 25.
Schweinert, Maximilian C., West Hoboken, N. J., and H. P. Kraft, Brooklyn, N. Y., assignors to A. Schrader's Son, Inc., New York, N. Y. Pressure gauge. 1,451,307; Apr. 10.
Schweiter, Hans, Horgen, Switzerland. Device for coupling spools and spindles in winding machinery. 1,468,978; Sept. 25.
Schweitzer, Edmund O., assignor to Schweitzer & Conrad, Chicago, Ill. Current-controlling device. 1,463,974; Aug. 7.
Schweitzer, Heinrich, Soemmerda, Germany, assignor to the Firm of Rheinische Metallwaaren- und Maschinenfabrik of Duesseldorf-Derendorf, Germany. Typewriting machine. 1,459,554; June 19.
Schweitzer, Richard H. (See Dwiggins, John W., assignor.)
Schweitzer & Conrad. (See Conrad, Nicholas J., assignor.)
Schweitzer & Conrad. (See Schweitzer, Edmund O., assignor.)
Schwenck, Frederick W., Cincinnati, Ohio. Decanter. Des. 63,090; Oct. 2.
Schwenck, Frederick W., Cincinnati, Ohio. Decanter. Des. 63,436; Dec. 4.
Schwenck, Frederick W., Cincinnati, Ohio. Decanter. Des. 63,437; Dec. 4.
Schwendler, George M., Appleton, Wis. Tire filler. 1,468,035; Sept. 18.
Schwengel, Oscar, Port Washington, Wis. Time-controlled switch mechanism. 1,467,507; Sept. 11.
Schwenke, Albert, assignor to E. Rahardt, Berlin, Germany. Floor-scraping device. 1,442,544; Jan. 16.
Schwenke, Hermann, Herringen, assignor of one-half to Zeche de Wendel, Hamm, Westphalia, Germany. Cooling coke. 1,467,506; Sept. 11.
Schwenn, William, New York, N. Y. Luggage carrier for automobiles. 1,445,852; Feb. 20.
Schwennecke, Hans, assignor to Globe Paper Box Company, Chicago, Ill. Pasteboard box. 1,450,334; Apr. 3.
Schwennker, Charles F., Schenectady, N. Y., assignor to General Electric Company. Hydraulic pressure system. 1,441,758; Jan. 9.
Schwennker, Charles F., Schenectady, N. Y., assignor to General Electric Company. Valve. 1,441,759; Jan. 9.
Schwennker, Charles F., Schenectady, N. Y., assignor to General Electric Company. Packing. 1,463,488; July 31.
Schwerdtfeger, Adolph, Brooklyn, N. Y. Rotogravure ink. 1,447,734; Mar. 6.
Schwer, Joseph F., Pittsburgh, Pa. Sash fastener. 1,475,725; Nov. 6.
Schwer, Mack M., Hackensack, N. J. Manufacture of paper containers. 1,472,440; Oct. 30.
Schwerdtfeger, Walter, assignor to Daimler-Motoren-Gesellschaft, Unterturkeim, Germany. Device for indicating the oil circulation and oil pressure. 1,451,849; Apr. 17.
Schwerin, Frank H., West View, assignor to The Duff Manufacturing Company, Pittsburgh, Pa. Trip jack. 1,466,195; Aug. 28.
Schwerin, Paul, assignor to Western Electric Company, Incorporated, New York, N. Y. Electron-discharge device. 1,459,417; June 19.
Schwerin, Paul, assignor to Western Electric Company, Incorporated, New York, N. Y. Vacuum-tube manufacture. 1,461,227; July 10.

Schwerin, Paul, assignor to Western Electric Company, Incorporated, New York, N. Y. Method and apparatus for coating material. 1,461,228; July 10.
Schwidetzky, Oscar O. R., Hasbrouck Heights, assignor to Becton, Dickinson & Co., Rutherford, N. J. Syringe. 1,456,469; May 22.
Schwier, William, assignor of one-half to F. Haubrock, Tacoma, Wash. Monorail frog. 1,450,758; Apr. 3.
Schwiesow, William F., Ripon, Wis. Farm gate. 1,446,934; Feb. 27.
Schwiete, August, assignor to the Firm: Chemische Fabrik Griesheim-Elektron, Frankfort-on-the-Main, Germany. Producing pure iron by electrolysis. 1,444,887; Feb. 13.
Schwimmer, Oscar, Los Angeles, Calif., assignor to Patent Products Company. Towel-service machine. 1,460,215; June 26.
Schwind, Jacob, Portland, Oreg. Shoe stretcher. 1,457,283; May 29.
Schwuchow, Edward G. and G. F. Johnstone, Chicago, Ill. Etching machine. 1,442,977; Jan. 23.
Sciortino, Joseph, Youngstown, Ohio. Jar or bottle clamp. 1,471,069; Oct. 16.
Scisorek, Sig, Newark, N. J. Tack. 1,458,856; June 12.
Sclater, Ivanhoe H., Pittsfield, Mass., assignor to General Electric Company. Sheet-metal casing. 1,448,005; Mar. 13.
Scneder, Fred V. (See Byrne, J. L., and Scneder.)
Scofield, Sherman W. (See Muehlhauser, Martin Wm., assignor.)
Scola, Luigi, Newcastle, Wash. Door lock. 1,460,609; July 3.
Scoles, Arthur W., Tulsa, Okla. Composition for removing paint. 1,467,654; Sept. 11.
Score Mining Company. (See Richards, Harvey W., assignor.)
Scotford, Louis K., Chicago, Ill. Sound-box construction. 1,448,872; Mar. 20.
Scotford, Louis K., deceased, Chicago, Ill.; M. W. Scotford, executrix. Clutch. 1,463,975; Aug. 7.
Scotford, Martha W., executrix. (See Scotford, Louis K.)
Scott, Alexander A., Knoxville, Tenn., assignor to Baltimore Trust Company, trustee. Apparatus for removing burnt brick from a kiln, stack, pile, or the like. 1,474,793; Nov. 20.
Scott, Alexander N. (See Miller, C. H., and Scott.)
Scott, Alice, Des Moines, Iowa. Subsink and subsink strainer. 1,449,300; Mar. 20.
Scott, Alonzo B., Fairmont, W. Va. Golf putting box. 1,473,051; Nov. 6.
Scott, Archie, St. Petersburg, Fla. Torch. 1,477,010; Dec. 11.
Scott, Arthur W., Flint, Mich. Cloth fastener. 1,448,679; Mar. 13.
Scott, Charles D., assignor to The Scott Weighing Machine Co., Topeka, Kans. Scale. 1,459,188; June 19.
Scott, Charles F., New Haven, Conn., assignor to Westinghouse Electric & Manufacturing Company. Non-inductive interference system. 1,473,881; Nov. 13.
Scott, Charles H., South Pasadena, Calif. Lubricant pump. 1,476,227; Dec. 4.
Scott, Charles R., Bells, Tex. Boll-weevil exterminator. 1,458,857; June 12.
Scott, Christopher, Brooklyn, N. Y. Automobile hood. 1,446,814; Feb. 27.
Scott, Clinton A., Chicago, Ill. Razor-blade holder. 1,453,409; May 1.
Scott, Ernest. (See Whitehead, Matthew, assignor.)
Scott, Ernest, Sunshine, assignor to Scott and Son Proprietary Limited, Melbourne, Victoria, Australia. Centrifugal apparatus for manufacturing concrete pipes and like tubular structures. 1,468,749; Sept. 25.
Scott, George H., Beckenham, England. Mooring mast and mooring gear for airships. 1,448,088; Mar. 13.
Scott, George H., Beckenham, England. Mooring gear for airships. 1,448,089; Mar. 13.
Scott, George S. (See Gustafson, Oscar R., assignor.)
Scott, Grover C., Watson, W. Va. Glass finishing and polishing machine. 1,462,522; July 24.
Scott, Harry, Toledo, Ohio. Combination furniture. 1,472,687; Oct. 30.
Scott, Henry F., assignor to Dennison Manufacturing Company, Framingham, Mass. Tag. 1,458,444; June 12.
Scott, Henry F., assignor to Dennison Manufacturing Company, Framingham, Mass. Tag and making the same. 1,458,445; June 12.
Scott, Henry L., & Company. (See Valentine, Frank A., assignor.)
Scott, Henry P., jr. (See Dewey, B., and Scott.)
Scott, James, Cleveland, Ohio. Spring trolley ear and hanger. 1,465,489; Aug. 21.
Scott, James R., St. Louis, Mo. Antiskidding device for motor vehicles. 1,459,418; June 19.
Scott, James W., Falcon, Colo. Potato digger. 1,441,949; Jan. 9.
Scott, Jesse, Dayton, Ohio. Corn planter. 1,450,613; Apr. 3.
Scott, John A., Spokane, Wash. Bread cutter. 1,441,887; Jan. 9.
Scott, John E., assignor of one-half to H. E. Hunter, San Quentin, Calif. Rotary engine construction. 1,443,282; Jan. 23.
Scott, John W., West Allis, Wis. Window strips. 1,450,649; Apr. 3.
Scott, Joseph F., Denver, Colo., assignor to The J. H. Day Company. Pan shifter. 1,474,448; Nov. 20.
Scott, Joseph W. (See Singer, John B., assignor.)
Scott, La Forrest D., Los Angeles, Calif. Bed construction. 1,451,181; Apr. 10.
Scott, Lewis L., and A. C. Staley, assignors to Standard Engineering Company, St. Louis, Mo. Combustion system. 1,441,888; Jan. 9.
Scott Paper Company. (See Liebeck, Harry, assignor.)
Scott Paper Company. (See Parsons, Philip D., assignor.)
Scott Paper Company. (See Tong, J. T., and Blosser, assignors.)
Scott, Paul, Waynoka, Okla. Bath brush. 1,452,658; Apr. 24.
Scott, Robert D., and J. G. Cadwell, Roslyn, Wash. Roller. 1,445,107; Feb. 13.
Scott, Robert F., assignor to Edwin Harrington, Son & Company, Inc., Philadelphia, Pa. Drill-spindle-adjusting mechanism. 1,452,172; Apr. 17.
Scott, Robert W., Babylon, N. Y. Web-holder mechanism for knitting machines. 1,467,691; Sept. 11.
Scott, Robert W., Babylon, N. Y. Knitting-machine needle. 1,468,518; Sept. 18.
Scott, Robert W., Babylon, assignor to Scott and Williams, Incorporated, New York, N. Y. Timing connection for dial and cylinder knitting machines. 1,441,123; Jan. 2.
Scott, Robert W., Babylon, assignor to Scott and Williams, Incorporated, New York, N. Y. Knitting-machine dial mounting. 1,441,124; Jan. 2.
Scott, Rumsey W., Montclair, N. J., assignor to Elevator Supplies Company, Inc. Elevator-door-controlling means. 1,467,692; Sept. 11.
Scott and Son Proprietary Limited. (See Scott, Ernest, assignor.)
Scott, Thomas S. (See Bethel, C., and Scott.)
Scott, Thomas S., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Resiliently-mounted armature. 1,447,046; Feb. 27.
Scott, Thomas T., New Springfield, Ohio. Open-hearth furnace. 1,446,072; Feb. 20.
Scott-Ullman Company. (See Ullman, Albert, assignor.)
Scott-Ullman Company, The. (See Ullman, Albert, assignor.)
Scott, Walter, Sheridan, Wyo. Phonographic sound box. 1,448,090; Mar. 13.
Scott, Walter A., Brooklyn, N. Y. Automobile license-plate casing. 1,454,792; May 8.
Scott, Walter B., Marblehead, Mass. Toy construction. 1,443,096; Jan. 23.
Scott, Walter C., assignor to Globe Ticket Company, Philadelphia, Pa. Check-notching device. 1,457,231; May 29.
Scott, Walter M., Cleveland, Ohio. Electric measuring instrument. 1,474,172; Nov. 13.
Scott, Walter M., Cleveland, Ohio. Crystal mounting. 1,474,173; Nov. 13.
Scott, Walter M., Lakewood, and R. E. Tresise, Cleveland, Ohio. Electric measuring instrument. 1,463,597; July 31.
Scott, Walter R., Philadelphia, Pa. Means for expanding piston rings. 1,473,446; Nov. 6.
Scott, Walter R., R. Dubinski, jr., and P. B. Magidson, Nokomis, Ill. Miner's cap and lamp attachment. 1,444,278; Feb. 6.
Scott Weighing Machine Co., The. (See Scott, Charles D., assignor.)
Scott, William, jr., Norristown, Pa. Stocking. Des. 62,435; May 29.
Scott, William A., jr., Pittsburgh, Pa. Shirt. 1,476,548; Dec. 4.
Scott, William M., Tredyffrin Township, Chester County, Pa. Switching apparatus. 1,461,942; July 17.
Scott, William M., Tredyffrin Township, Chester County, Pa. Switching apparatus. 1,473,386; Nov. 6.
Scott and Williams, Incorporated. (See Scott, Robert W., assignor.)
Scottish Dyes, Limited. (See Davies, Arthur H., assignor.)
Scottish Dyes Limited. (See Pope, William J., assignor.)
Scotts' Shipbuilding & Engineering Company. (See Nicholson, Andrew I., assignor.)
Scovill Manufacturing Company. (See Bagg, Hollis B., assignor.)
Scovill Manufacturing Company. (See Bennett, Morris H., assignor.)
Scovill Manufacturing Company. (See Goss, J. H., and Wolff, assignors.)
Scovill Manufacturing Company. (See Hyde, Burdon P., assignor.)
Scovill Manufacturing Company. (See Kendall, William G., assignor.)
Scovill Manufacturing Company. (See Phillips, Harry I., assignor.)
Scovill Manufacturing Company. (See Reutter, Philip A., assignor.)
Scovill Manufacturing Company. (See Robinson, Charles M., assignor.)
Scovill Manufacturing Company. (See Root, Le Roy, assignor.)
Scovill Manufacturing Company. (See Slater, Thomas F., assignor.)

Scovill Manufacturing Company. (See Tompkins, Emerson H., assignor.)
Scovill Manufacturing Company. (See Warner, Frank E., assignor.)
Scovill Manufacturing Company. (See Woods, Clinton E., assignor.)
Scoville, Royal L., New York, N. Y., assignor to E. M. Rosenbluth, Wallingford, Pa. Low-water indicator. 1,452,173; Apr. 17.
Scrabic, Carl, Urbana, Ohio. Sound-box mounting. 1,442,586; Jan. 16.
Scrabic, Carl, Urbana, Ohio. Sound-box structure. 1,455,972; May 22.
Scrabic, Carl, Urbana, Ohio. Stylus mounting for reproducers. 1,476,850; Dec. 11.
Scrabic, Carl, Urbana, Ohio. Sound reproducer of talking machines. 1,476,928; Dec. 11.
Scrafford, Irving H. (See Vallée, A. J., and Scrafford.)
Scranton Silk Machine Company. (See Sloat, Karl, assignor.)
Scribner, Charles E. T., Medford, Mass. Lapping machine. 1,467,693; Sept. 11.
Scribner, Edward W., Douthat, and O. Baker, Miami, Okla. Valve. 1,440,558; Jan. 2.
Scribner, George H. T., and S. H. Susskind, assignors to M. Getz & Co. Inc., San Francisco, Calif. Beverage faucet. 1,466,760; Sept. 4.
Scripa, Nicholas, Syracuse, N. Y. Hand-sled propeller. 1,449,916; Mar. 27.
Scriven, Edward O., assignor to Western Electric Company, Incorporated, New York, N. Y. Multistage amplifier circuits. 1,459,419; June 19.
Scriven, Edward O., assignor to Western Electric Company, Incorporated, New York, N. Y. Switching device. 1,462,050; July 17.
Scroggins, Allen C., jr., et al. (See Dungan, John E., assignor.)
Scruby, George E., assignor to G. B. Kelley, Birmingham, Ala. Box cover. 1,451,963; Apr. 17.
Scudder, Charles, Long Island City, N. Y. Hinge for vessel covers. 1,459,862; June 26.
Scudder, Frederick J., Long Island, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,470,035; Oct. 9.
Scullin Steel Co. (See Doerr, Harry E., assignor.)
Scully, James and W. B. McCoy, Sullivan, Ind. Attachment for hood clamps of automobiles. 1,469,851; Oct. 9.
Sculthorp, George R., London, England. Duplicator. 1,465,616; Aug. 21.
Scurlock, Olin W., and L. A. Gilbreath, Dallas, Tex. Moist heater. 1,472,569; Oct. 30.
Scutchall, William E., et. al. (See Coles, James G., assignor.)
Scyzoryk, William, Detroit, Mich. Smoker's stand attachment for beds. Des. 63,202; Oct. 30.
Sea, Andrew G., Chicago, Ill. Building form. 1,444,710; Feb. 6.
Sea, Andry G., Chicago, Ill. Wall construction. 1,444,709; Feb. 6.
Seabolt, Frank J., Schenectady, N. Y., assignor of one-eighth to E. F. Pickford, Washington, D. C., one sixty-fourth to C. D. Knight, and one-eighth to M. H. Hall (now by marriage M. H. Thomson), Schenectady, N. Y. Electric winding device for phonographs. 1,440,634; Jan. 2.
Seaborne, Allever B., London, England. Priming and straining device for screw and centrifugal pumps. 1,474,449; Nov. 20.
Seabrook, Bagster R., Winnipeg, Manitoba, Canada, assignor, by mesne assignments, to Lyradion Manufacturing Company, Mishawaka, Ind. Sound box. 1,447,186; Mar. 6.
Seabrook, Bagster R., assignor, by mesne assignments, to Lyradion Manufacturing Company, Mishawaka, Ind. Talking machine. 1,447,187; Mar. 6.
Seabrook, Bagster R., assignor, by mesne assignments, to Lyradioni Manufacturing Company, Mishawaka, Ind. Laminated horn and making same. 1,468,519; Sept. 18.
Seager, Elmer F., Detroit, Mich., assignor of one-half to R. C. Sturgeon, Windsor, Canada. Condenser. 1,462,214; July 17.
Seagrave Company, The. (See Havens, Homer M., assignor.)
Seaholm, John P., assignor to Deere & Company, Moline, Ill. Plow. 1,449,556; Mar. 27.
Seaholm, John P., assignor, by mesne assignments, to Moline Plow Company, Incorporated, Moline, Ill. Vehicle wheel. 1,472,856; Nov. 6.
Seaholm, Nils, Mount Vernon, N. Y. Surgeon's knife. 1,476,185; Dec. 4.
Seaholm, Rudolph V. (See Lindstrom, E. H., and Seaholm.)
Seale, Jessie E. M., Odessa, Fla. Aeroplane. 1,476,730; Dec. 11.
Sealed Case Company. (See Shellenberger, John, assignor.)
Sealright Co. (See Wright, Wilbur L., assignor.)
Seals, Dennis, Evanston, Wyo. Shoe-cleaning guard. 1,466,065; Aug. 28.
Sealund, Axel, San Jose, Calif. Fountain brush. 1,445,976; Feb. 20.
Seaman, David J., Saginaw, Mich. Display fixture. 1,460,684; July 3.
Seaman, David J., Saginaw, Mich. Garment rack. 1,460,685; July 3.
Seaman, David J., Saginaw, Mich. Curtain suitable for use in store fixtures. 1,463,598; July 31.
Seaman, Delbert O., Des Moines, Iowa. Moving-picture machine. 1,450,455; Apr. 3.
Seaman, Joseph B. (See Currier, B., and Seaman.)
Seamless Can & Bucket Co., The. (See Wells, Benjamin N., assignor.)
Seamless Rubber Company, The. (See Caldwell, James R., assignor.)
Seamless Rubber Company The. (See De Gowin, Isaac, assignor.)
Seamless Rubber Company, The. (See Patterson, John W., assignor.)
Seamweld Equipment Company. (See Fay, Joseph W., assignor.)
Search, Charles E., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Lathe. 1,444,394; Feb. 6.
Searcy, Thomas J., Eldorado Springs, Mo. Churn. 1,456,152; May 22.
Searl, Clinton M., assignor to The Vulcan Last Company, Portsmouth, Ohio. Last. 1,461,051; July 10.
Searle, Robert M., Rochester, N. Y. Reading appliance. 1,460,923; July 3.
Searle, Robert M., Rochester, N. Y. Reading appliance. 1,460,924; July 3.
Searle, Robert M., Rochester, N. Y. Reading appliance. 1,451,182; Apr. 10.
Searle, Robert M., Rochester, N. Y. Supporting means for gas-retort spouts. 1,460,925; July 3.
Searle, Robinson P., Toledo, Ohio. Specific-gravity indicator. 1,459,752; June 26.
Searle, Stuart C. (See Fuller, Wellington G., assignor.)
Searles, Aaron M. (See Gats, John B., assignor.)
Searles, Aaron M., Chicago, Ill. Poppet valve and making it. 1,448,873; Mar. 20.
Searles, Arthur E., Houston, Tex., assignor to F. Parker. Distributor for cotton. 1,449,151; Mar. 20.
Searles, Daniel, trustee. (See Pilliod, Charles J., assignor.)
Searles, Wayne S., assignor to Universal Optical Corporation, Providence, R. I. Ophthalmic mounting. 1,440,841; Jan. 2.
Searles, William C., assignor of one-half to F. L. Hutton, Newport, Nebr. Chain-tightener tool. 1,476,008; Dec. 4.
Sears, David C., Altus, Okla., and A. M. Bradford, Clovis, N. Mex. Boiler-feed mechanism. 1,461,683; July 10.
Sears, Edward M. (See Parker, V. A., and Sears.)
Sears, George V., Salt Lake City, Utah. Rim tool. 1,441,877; Jan. 9.
Sears, Mary A., Los Angeles, Calif. Carpet-rag looper. 1,451,409; Apr. 10.
Sears, Roebuck & Co. (See Baker, Floyd, assignor.)
Sears, Roebuck and Co. (See Bohmker, J. C., and Geistwhite, assignors.)
Sears, Roebuck and Co. (See Case, Henry N., assignor.)
Sears, Roebuck and Co. (See Hoffman, Rudolph, assignor.)
Sears, Roebuck and Co. (See Huffman, Estil J., assignor.)
Sears, Roebuck and Co. (See Lords, T. J., and Lennartz, assignors.)
Sears, Roebuck and Company. (See Fowler, Gordon F., assignor.)
Sears, Roebuck and Company. (See Hoffman, Rudolph, assignor.)
Sears, Willard T., Montclair, N. J., assignor to Niles-Bement-Pond Company, New York, N. Y. Clamping mechanism for metal-working machines. 1,454,080; May 8.
Sears, Willard T., Montclair, N. J., assignor to Niles-Bement-Pond Company, New York, N. Y. Axle-milling machine. 1,460,393; July 3.
Sears, Willard T., Montclair, N. J., assignor to Niles-Bement-Pond Company, New York, N. Y. Radial drilling machine. 1,466,761; Sept. 4.
Sears, Willard T., Montclair, N. J., assignor to Niles-Bement-Pond Company, New York, N. Y. Safety device for radial drills. 1,477,598; Dec. 18.
Sears, Willard T., Montclair, N. J., assignor to Niles-Bement-Pond Company, New York, N. Y. Safety device for radial drills. 1,477,599; Dec. 18.
Sease, Virgil B. (See Kessler, J. M., and Sease.)
Seat, Woodford O., assignor of one-half to J. Nichols, Nashville, Tenn. Metal mold for concrete blocks. 1,458,551; June 12.
Seaton, Max Y., assignor to The Dow Chemical Company, Midland, Mich. Insecticidal compound. 1,444,430; Feb. 6.
Seattle Astoria Iron Works. (See Dodge, Merton L., assignor.)
Seattle-Astoria Iron Works. (See Nicholson, Niels C., assignor.)
Seaver, August M., Grand Rapids, Mich. Spark-plug cleaner. 1,455,150; May 15.
Seavey, Elmer S, Johnstown, Pa. Multiple-drilling machine. 1,465,591; Aug. 21.

Scavey, Elmer S., Johnstown, Pa. Flexible joint. 1,469,448; Oct. 2.
Seavey, Harry R., assignor to The C. T. Burrowes Company, Portland, Me. Game board. 1,462,724; July 24.
Sebell, Harry, Somerville, assignor of one-half to F. G. Davison, Cambridge, Mass. Cover for cracker cans and similar containers. 1,459,266; June 19.
Sebree, Charles H., and G. C. Berlin, Caldwell, Idaho. Map and record holder. 1,460,610; July 3.
Sebright, Louis. (See Worledge, A. G., and Sebright.)
Sebring, Charles L. (See Kinnard, Frank M., assignor.)
Sebring, Charles L., assignor to The Sebring Pottery Company, Sebring, Ohio. Sugar bowl. Des. 63,331; Nov. 20.
Sebring, Charles L., assignor to The Sebring Pottery Company, Sebring, Ohio. Cream pitcher. Des. 63,332; Nov. 20.
Sebring, Charles L., assignor to The Sebring Pottery Company, Sebring, Ohio. Cup. Des. 63,333; Nov. 20.
Sebring Pottery Company, The. (See Sebring, Charles L., assignor.)
Seccamani Pietro Brescia Italy. Distance-operated cutting pliers. 1,455,671; May 15.
Seche, Joseph M., Philadelphia, Pa. Electric iron. 1,459,451; June 19.
Sechler, Anna, Chicago, Ill. Cooking utensil. 1,477,981; Dec. 18.
Sechler, Will N., Fort Scott, Kans. Arch support. 1,466,384; Aug. 28.
Sechrist, Charles F., Spokane, Wash. Glare protector. 1,468,750; Sept. 25.
Secretary of War of the United States of America, trustee. (See Pinkerton, William W., assignor.)
Secretary of War of the United States of America, The, trustee. (See Uphoff, Leslie S., assignor.)
Security Bag Company, The. (See Vandenberg, Jacob, assignor.)
Security Envelope Company. (See Ahlquist, Eugene F., assignor.)
Security Metal Products Company, The. (See Longman, Cecil H., assignor.)
Security Metal Products Company, The. (See Orr, Mark P., assignor.)
Security Trust Company. (See Williams, Harvey D., assignor.)
Seddon, Samuel M. (See Wigton, G. H., and Seddon.)
Sedlak, Vaclav F., Kansas City, Mo. Oil burner. 1,462,582; July 24.
Sedviek, John, Seattle, Wash. Scaffold hanger. 1,469,967; Oct. 9.
See, Walter G., Kansas City, Mo. Refrigerating apparatus. 1,440,935; Jan. 2.
Seeck, Ferdinand W., Lebanon, Oreg. Steering gear. 1,449,351; Mar. 20.
Seeck, Ferdinand W., Lebanon, Oreg. Gearless planetary transmission. 1,449,352; Mar. 20.
Seeck, Ferdinand W., Lebanon, Oreg. Differential mechanism. 1,467,560; Sept. 11.
Seed, Mack, Billett, Ill. Demountable rim. 1,458,007; June 5.
Seede, John A., Schenectady, N. Y., assignor to General Electric Company. Electric-furnace regulator. 1,449,251; Mar. 20.
Seede, John A., Schenectady, N. Y., assignor to General Electric Company. Electric-furnace apparatus and operating the same. 1,466,603; Aug. 28.
Seeger, Charlie, Morley, Iowa. Wind board for hay loaders. 1,440,414; Jan. 2.
Seeger, Edwin W., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Electrical controller. 1,442,496; Jan. 16.
Seeger, Edwin W., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Motor controller. 1,477,774; Dec. 18.
Seeger, Herman L., Indianapolis, Ind. Drilling tool. 1,456,153; May 22.
Seel, Hans, Hopkinton, assignor to Richmond Lace Works, Alton, R. I. Lace. Des. 62,812; May 1.
Seel, Hans, Hopkinton, assignor to Richmond Lace Works, Alton, R. I. Lace. Des. 62,507; June 12.
Seel, Paul C., assignor to Eastman Kodak Company, Rochester, N. Y. Purification of cellulose ether. 1,448,091; Mar. 13.
Seel, Paul C., assignor to Eastman Kodak Company, Rochester, N. Y. Making cellulose ethers. 1,464,158; Aug. 7.
Seel, Paul C., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether composition. 1,467,071; Sept. 4.
Seel, Paul C., assignor to Eastman Kodak Company, Rochester, N. Y. Preparing alkali cellulose. 1,469,824; Oct. 9.
Seel, Paul C., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether composition. 1,469,825; Oct. 9.
Seel, Paul C., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether composition. 1,469,826; Oct. 9.
Seeler, Alfred A. O., South Orange, N. J. Ring. 1,442,738; Jan. 16.
Seeley, Halstead H., assignor to Motor Products Corporation, Detroit, Mich. Windshield-pivot construction. 1,453,955; May 1.
Seelman, John J., Milwaukee, Wis. Dispensing device. 1,452,659; Apr. 24.
Seely, Harry J., Los Angeles, Calif. Reflector. 1,448,640; Mar. 13.
Seely, Horatio S., Syracuse, N. Y. Sight base for rifles. 1,454,865; May 15.
Seely, Thomas H., Malden, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 1,477,011; Dec. 11.
Seeman, Charles E., and L. V. Barach, Pittsburgh, Pa. Billiard cue. 1,468,520; Sept. 18.
Seemann, Jacob J., assignor to Utica Heater Company, Utica, N. Y. Heater-casing construction. 1,461,943; July 17.
Seevers, Grace, administratrix. (See Seevers, Thomas.)
Seevers, Thomas, deceased, Oskaloosa, Iowa; G. Seevers, administratrix. Excavating, dumping, and spreading machine. 1,465,186; Aug. 14.
Sefton Manufacturing Corporation. (See Gallistel, Clarence, assignor.)
Sefton, Thomas. (See Cottam, R., Sefton, and Lees.)
Segal Metal Products Company. (See Segal, Samuel, assignor.)
Segal, Samuel, New York, N. Y. Sash fastener. 1,440,635; Jan. 2.
Segal, Samuel, New York, N. Y. Key-duplicating machine. 1,462,150; July 17.
Segal, Samuel, assignor to Segal Metal Products Company, Inc., New York, N. Y. Cylinder lock. 1,474,495; Nov. 20.
Segall, Aaron, New York, N. Y. X-ray-film holder. 1,474,174; Nov. 13.
Segaller, David, and D. H. Peacock, Huddersfield, assignors to British Dyestuffs Corporation Limited, Blackley, Manchester, England. Manufacture of oxy and sulphooxy derivatives of anthraquinone. 1,465,689; Aug. 21.
Seggerman, Richard, Fairbury, Nebr. Can-sterilizing apparatus. 1,460,514; July 3.
Segler, Albert H., assignor to Goodman Manufacturing Company, Chicago, Ill. Routing machine. 1,449,450; Mar. 27.
Segman, William, New York, N. Y. Bracelet. Des. 62,592; June 26.
Segman, William, New York, N. Y. Bracelet. 1,466,566; Aug. 28.
Seguin, Augustin, Paris, France. Calculating machine. 1,472,942; Nov. 6.
Seguine, William, jr., Palmerton, Pa. Golf score card. 1,447,358; Mar. 6.
Segur, Asa B., & Co. (See Segur, H., and Duddy, assignors.)
Segur, Asa B., assignor to Tite-Pack Filler Co., Chicago, Ill. Egg-case filler. 1,473,917; Nov. 13.
Segur, Harvey, and E. H. Duddy, assignors to A. B. Segur, doing business as A. B. Segur & Co., Chicago, Ill. Egg-case-filler machine. 1,475,247; Nov. 27.
Sehlunke, Anna J., Fargo, N. Dak. Grain separator. 1,449,553; Mar. 27.
Seib, George A., assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,446,935; Feb. 27.
Seib, George A., assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,446,993; Feb. 27.
Seib, George A., assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,463,599; July 31.
Seibel, Henry, San Francisco, Calif., assignor to United Air Spring Company of Arizona, Phoenix, Ariz. Pneumatic support. 1,446,772; Feb. 27.
Seibert, Heinrich, Berlin, Germany. Electric heating furnace. 1,477,454; Dec. 11.
Seidel, John G., Scranton, Iowa. Windmill coupling. 1,448,156; Mar. 13.
Seidel, George W., Bloomington, Ill. Car-wall structure. 1,449,451; Mar. 27.
Seidel, William, Chicago, Ill. Match board. 1,442,739; Jan. 16.
Seideman, Léon, New York, N. Y. Silicate composition. 1,452,445; Apr. 17.
Seiders, William G., Butler, Pa. Tool. 1,466,196; Aug. 28.
Seidl, Frank J. (See Blodgett, Frank C., assignor.)
Seidler, Alexander, Chicago, Ill., assignor, by mesne assignments to F. C. Austin Machinery Company. Internal-combustion boiler. 1,478,067; Dec. 18.
Seidner & Hitzigrath, Inc. (See Meuer, Henry, assignor.)
Seidner, Michael, Budapest, Hungary. Liquid-cooled electric machine. 1,448,700; Mar. 13.
Seifert, August, assignor to Robert Gair Company, Brooklyn, N. Y. Counter carton. 1,462,051; July 17.
Seifert, Edward M., Rutherford, N. J. Cover fastener for containers. 1,441,125; Jan. 2.
Seifert, Frank A., St. Louis, Mo. Concrete stair construction. 1,444,431; Feb. 6.
Seifert, Henry R., East Ellsworth, Wis. Milking device. 1,455,672; May 15.
Seifert, Henry R., East Ellsworth, Wis. Process and apparatus for forming piston rings. 1,458,248; June 12.
Seifert, Henry R., East Ellsworth, Wis. Machine for making piston rings. 1,459,117; June 19.

Seifert, William V., Denver, Colo. Roller bearing. 1,448,771; Mar. 20.
Seiffert, George, assignor to Electone Company, Inc., New York, N. Y. Phonograph. 1,477,775; Dec. 18.
Seifried, Clarence K., Grayville, Ill. Change-speed gearing and reversing device. 1,447,047; Feb. 27.
Seiger M., & Son. (See Seiger, Morres, assignor.)
Seiger, Morres, assignor to M. Seiger & Son, New York, N. Y. Watchcase or similar article of manufacture. Des. 62,195; Apr. 10.
Seiger, Morres, assignor to M. Seiger & Son, New York, N. Y. Watchcase or similar article of manufacture. Des. 62,196; Apr. 10.
Seigle, William R., New York, N. Y. Mechanism for corrugating and indenting plastic sheet material. 1,444,395; Feb. 6.
Seigle, William R., New York, N. Y. Forming heat-insulating sheet material. 1,444,396; Feb. 6.
Seigle, William R., New York, N. Y. Heat-insulating material. 1,444,397; Feb. 6.
Seigman, Harry, New York, N. Y. Razor double stropping machine. 1,478,841; Dec. 25.
Seiler, Paul W. (See Andersen, A. C., Archer, and Seiler.)
Seiss, George J., Toledo, Ohio. Insulated knob for radio instruments. 1,444,212; Feb. 6.
Seiss, Leonard A., Toledo, Ohio. Rheostat. 1,449,557; Mar. 27.
Seiss, Leonard A., Toledo, Ohio. Wheel and shaft and interlocking same. 1,460,145; June 26.
Seitz, Adam, Furth, assignor to G. Zimmermann, Zirndorf, near Nuremberg, Germany. Furniture lock. 1,478,535; Dec. 25.
Seitz, Eugen, Budapest, Hungary. Machine for the automatic spreading and filling of waffle leaves one above the other. 1,475,452; Nov. 27.
Seitz, George F., Philadelphia, Pa. Furnace attachment. 1,462,922; July 24.
Seitz, George F., Philadelphia, Pa. Superheater attachment for furnaces. 1,465,490; Aug. 21.
Seitz, Horace G. (See Perry, James M., assignor.)
Seitz, Oskar. (See Jonas, J., and Seitz.)
Seitz, Walter T., Pittsburgh, Pa. Manifold heater. 1,454,866; May 15.
Seiz, Walter, Baden, Switzerland, assignor to General Electric Company. Induction-motor speed regulation. 1,449,784; Mar. 27.
Seiz, Walter, Baden, Switzerland, assignor to General Electric Company. Compound regulating set for induction motors. 1,453,529; May 1.
Selb, John J. (See Abramowitz, Joseph, assignor.)
Selbach, Max, Pforzheim-Dillstein, Germany. String instrument. 1,448,710; Mar. 13.
Selber, Charles F., Chicago, Ill. Wedding ring. Des. 62,197; Apr. 10.
Selby-Fayers, William, and E. R. Gates, Surrey, assignors to The West Surrey Central Dairy Company, Limited, Guildford, England. Opening device for closed or sealed tins and containers. 1,463,443; July 31.
Selby, Harley E., Kalamazoo, Mich. Pumping jack. 1,449,785; Mar. 27.
Selby, Mark W., assignor to The Selby Shoe Company, Portsmouth, Ohio. Heel for shoes. 1,475,412; Nov. 27.
Selby Shoe Company, The. (See Selby, Mark W., assignor.)
Selden, James M. (See Conover, Courtney, assignor.)
Selectasine System Inc. (See Steinman, Jacob H., assignor.)
Seley, Charles C., Erie, assignor to G. H. Barlow and J. J. Desmond, Corry, Pa. Corset. 1,459,518; June 19.
Self Feeding Vaporizer Corporation. (See Bossi, Enea, assignor.)
Self-Mounting Carrier Company. (See Lawrence, Frederick K., assignor.)
Selhorst, Bernard. (See Oppenheim, T. H., and Selhorst.)
Selik, Joseph, Detroit, Mich. Bearing. 1,448,157; Mar. 13.
Selker, Harry, assignor to The Buckeye Brass and Manufacturing Company, Cleveland, Ohio. Bearing and making same. 1,460,515; July 3.
Selkirk, Arthur, Orillia, Ontario, Canada. Knitting machine. 1,447,489; Mar. 6.
Sell, Augustus H., Newark, N. J. Illuminating attachment for automobiles. 1,447,902; Mar. 6.
Sell, Daniel G., Kansas City, Mo. Drip coffeepot. 1,457,317; June 5.
Sell, Emanuel W., Cleveland, Ohio. Nut lock. 1,470,294; Oct. 9.
Sellars, John D., Long Beach, Calif. Combination sash and screen door. 1,467,953; Sept. 11.
Sellers, Harvey A. (See Cash, Arthur W., assignor.)
Sellers, Harvey A., Decatur, Ill. Kite. 1,453,287; May 1.
Sellers, James E. (See McRuer, D., and Sellers.)
Sellers, John M., Downers Grove, assignor to Sellers Manufacturing Company, Chicago, Ill. Balling scrap metal. 1,463,339; July 31.
Sellers Manufacturing Company. (See Sellers, John M., assignor.)
Sellers, Maurice M., Lynn, Mass. Adjustable safety hair cutter. 1,476,672; Dec. 4.
Sellers, William, & Company. (See Burt, John, assignor.)
Sellers, William, & Company. (See Kneass, Strickland L., assignor.)
Sellers, William, and Company. (See Thorne, William H., assignor.)
Sellman, Henry G., Detroit, Mich. Mold for concrete structures. 1,457,089; May 29.
Sellman, Henry G., Detroit, Mich. Apparatus for building concrete structures. 1,457,090; May 29.
Sellmann, Henry W., and E. J. Gottsacker, Milwaukee, Wis. Eye protector for motor vehicles. 1,446,936; Feb. 27.
Sellner, Herbert W., Faribault, Minn. Toboggan slide. 1,447,522; Mar. 6.
Sellors, Evaline C., St. Louis, Mo. Toy dog. Des. 63,591; Dec. 18.
Sells, Lee. (See Hollingsworth, Jeptha G., assignor.)
Sells, Ogden S., Buffalo, N. Y. Washer for vegetables, etc. 1,457,284; May 29.
Seltzer, George U. (See Seltzer, William A. U. and G. U.)
Seltzer, Ira R., Waterbury, assignor to The Gordon Electric Mfg. Co., Waterville, Conn. Two-circuit or three-heat push-through switch. 1,476,373; Dec. 4.
Seltzer, William A. U., Philadelphia, and G. U. Seltzer, East Downington, Pa. Contact shoe for the third rail of electric cars. 1,446,106; Feb. 20.
Selvidge, John F., Olympia, Wash. Hook. 1,441,378; Jan. 9.
Selvig, John N., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Spinning tool and machine. 1,471,010; Oct. 16.
Selvig, John N., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for drilling and cutting. 1,478,068; Dec. 18.
Selzer, Max M. (See Miller, H. G., and Selzer.)
Sem, Mathias O., assignor to Det Norske Aktieselskab for Elektrokemisk Industri, Norsk Industri-Hypotekbank, Christiania, Norway. Producing homogeneous porous materials. 1,458,858; June 12.
Sem, Mathias O., Christiania, Norway, assignor to Det Norske Aktieselskab Elektrokemisk Industri, Christiania, Norway. Producing porous material. 1,471,421; Oct. 23.
Sem, Mathias O., assignor to Det Norske Aktieselskab for Elektrokemisk Industri, Christiania, Norway. Decomposing sulphides. 1,473,447; Nov. 6.
Sem, Mathias O., and E. Lund, assignors to Det Norske Aktieselskab for Elektrokemisk Industri, Christiania, Norway. Operating electric furnaces. 1,442,033; Jan. 9.
Semashko, John J., Morrisville, Pa., assignor of one-half to D. P. Forst, Trenton, N. J. Machine for assembling tiles. 1,447,155; Feb. 27.
Semenick, Anthony, Buffalo, N. Y. Satchel. 1,455,452; May 15.
Semenoff, Ioakim M. and N. Gurnicki, Oshawa, Ontario, Canada. Sectional fence. 1,456,519; May 29.
Semery, Jean M. C., Paris, France. Pneumatic wheel. 1,470,938; Oct. 16.
Semet-Solvay Company. (See Chrisman, Russell K., assignor.)
Semet-Solvay Company. (See Johlin, Jacob M., assignor.)
Sénéchal, Jean, Genoa, Italy. Open-hearth regenerative furnace. 1,443,805; Jan. 30.
Seng, Camille, Romilly-sur-Seine, France. Pipe coupling. Re15,632; June 19.
Seng, Camille, Romilly-sur-Seine, assignor to Society Meyrel Freres, Colmar, France. Instantaneous pipe coupling. 1,467,508; Sept. 11.
Seng Company, The. (See Kelly, William J., assignor.)
Sengebusch, Hans. (See La Batt, W. D., and Sengebusch.)
Senglaup, Edward F., Niagara Falls, N. Y. Screening-burning grate and system. 1,476,186; Dec. 4.
Seniw, Atanaze, New York, N. Y. Gearing. 1,449,353; Mar. 20.
Senn, Charles. (See Leisten, N., and Senn.)
Sentell, Arthur, Pisgah Forest, N. C. Trap. 1,448,092; Mar. 13.
Senter, Olive L. (See Bean, Louis A., assignor.)
Senton, Camille A., and E. Jacquet, Fort Lee, N. J., assignors, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Scraping machine. 1,471,864; Oct. 23.
Sentrop, Johannes T., jr., Montreal, Quebec, Canada. Motor and other cycle. 1,453,326; May 1.
Senz, Melvin J., Port Angeles, Wash. Fountain pen. 1,449,130; Mar. 20.
Sepelyak, Mike, Verona, Pa. Draft appliance for automobiles. 1,463,022; July 24.
Seppmann, Alfred B., Lake Crystal, Minn. Valve cage vise and spring remover. 1,451,715; Apr. 17.
Seppmann, Alfred B., Lake Crystal, Minn. Lens-rim removing and replacing device. 1,477,719; Dec. 18.
Sept Cinema Camera Distributors, Inc. (See Rivetta, Giovanni, assignor.)
Septer, James W., Sun City, Kans. Pipe-lifting jack. 1,475,146; Nov. 20.
Sequeira, Abel, New Bedford, Mass. Resilient wheel. 1,463,064; July 24.
Sergeant, Newton D., assignor of one-third to J. V. Lindquist, Bellingham, Wash. Fruit-picker's ladder and conveyer. 1,458,313; June 12.

Serino, Antonio, Roxbury, Mass. Shoe. Des. 61,988; Feb. 20.
Serrell, William C., Syracuse, and C. E. Widmeyer, Beaver Falls, N. Y. Motor support. 1,463,406; July 31.
Sersté, Jacques E., Brussels, Belgium. Vehicle body. 1,466,345; Aug. 28.
Servais, Julien G., Paris, France. Device for counting mesh or grids. 1,478,536; Dec. 25.
Service Bag Co. Inc. (See Bunker, J. W., and Boney, assignors.)
Service Station Equipment Company. (See Fuller, Morris H., assignor.)
Service Station Equipment Company. (See Patrick, H. E., Peterson, and Bermes, assignors.)
Service Station Supply Company. (See Terry, Charles W., assignor.)
Servidor Company, The. (See Matchette, Frank J., assignor.)
Servis, Leland B., H. P. Randall, and S Q Shannon, Los Angeles, Calif.; said Randall and said Shannon assignors to said Servis. Tire chain. 1,473,797; Nov. 13.
Sesser, Willy G., assignor to Greater Detroit Rexall Club, Detroit, Mich. Sign. Des. 63,499; Dec. 11.
Sessions, Albert L., Bristol, Conn. Trunk stay. 1,444,139; Feb. 6.
Sestak, Stephan, et. al. (See Krautblatt, Harry, assignor.)
Setlow, John C., Spokane, Wash. Submarine salvage vessel. 1,450,232; Apr. 3.
Setter, Micheal, assignor to Automatic Electric Company, Chicago, Ill. Impulse sender. 1,461,944; July 17.
Settle, Witcher S., New York, N. Y. Garment hanger. 1,478,771; Dec. 25.
Setzler, Horace B., Coffeyville, Kans., assignor to The National Refining Company, Cleveland, Ohio. Apparatus for treating hydrocarbon derivatives. 1,449,452; Mar. 27.
Seufert, Friedrich, Munich, Germany, and H. Seufert, Brooklyn, N. Y. Moving-picture machine. 1,457,554; June 5.
Seufert, Hermann. (See Seufert, Friedrich and H.)
Seufert, Hermann, Brooklyn, N. Y. Film-feeding mechanism for cinematographs. 1,467,593; Sept. 11.
Severance, Benjamin L., East Jordan, Mich. Foldable box or receptacle. 1,443,437; Jan. 30.
Severn, Arthur B., assignor to A. Stucki Company, Pittsburgh, Pa. Roller side bearing. 1,446,859; Feb. 27.
Severns, Richard S., Delanco, N. J. Composition shingle. 1,463,632; July 31.
Severns, William, Chicago, Ill. Mop-cutting machine. 1,470,649; Oct. 16.
Severson, Ingram, assignor of one-half to T. Chron, jr., Chicago, Ill. Flag-draping device. 1,443,049; Jan. 23.
Severson, Sigurd. (See Feybusch, M., and Severson.)
Severy, Melvin L., Los Angeles, Calif. Method of and means for production of sonorous vibrations. 1,464,729; Aug. 14.
Sévigné, Henri A., Winthrop, assignor to National Bread Wrapping Machine Company, Boston, Mass. Printing attachment for wrapping machines. 1,466,000; Aug. 28.
Sévigné, Henri A., Winthrop, Mass., and F. K. Arnold, Nashua, N. H., assignors to National Bread Wrapping Machine Company, Boston, Mass. Feeding and cutting mechanism for waxed paper. 1,464,544; Aug. 14.
Sévigny, Hollis J., Sanford, Me. Support. 1,472,688; Oct. 30.
Seward Trunk and Bag Company. (See McNamara, John E., assignor.)
Sexson, William M., McAlester, Okla. Emblem or badge. Des. 61,878; Feb. 6.
Sexton, Isaac E., Winchester, Mass. Outlet for cans. 1,475,724; Nov. 27.
Sexton, Roy W., Wytheville, Va. Filler form. 1,458,008; June 5.
Seybold, Chancy. (See O'Donnell, W. F., and Seybold.)
Seybold, Charles, Dayton, Ohio. Paper-cutting machine. 1,451,120; Apr. 10.
Seybold, Charles and W. L. Valiquette, assignors to The Seybold Machine Company, Dayton, Ohio. Paper-trimming machine. 1,469,733; Oct. 2.
Seybold Machine Company, The. (See Seybold, C., and Valiquette, assignors.)
Seydel, Adolf, Brooklyn, N. Y. Aerial vehicle. 1,451,346; Apr. 10.
Seydel Chemical Company. (See Spencer, Hugh M., assignor.)
Seyer, Joseph, Hawthorne, assignor to Standard Silk Dyeing Co., Paterson, N. J. Washable dyed silk piece goods and dyeing them. 1,446,860; Feb. 27.
Seymour, Benjamin F., Washington, D. C. Resilient transmission. 1,462,383; July 17.
Seymour, Benjamin F., Washington, D. C. Combined resilient bearing and transmission. 1,462,384; July 17.
Seymour, Benjamin F., Washington, D. C. Combined resilient bearing and transmission. 1,462,385; July 17.
Seymour, Benjamin F., Washington, D. C. Combined resilient bearing and transmission. 1,462,386; July 17.
Seymour, Benjamin F., Washington, D. C. Power-transmission device. 1,474,095; Nov. 13.
Seymour, Benjamin F., Washington, D. C. Resilient transmission and bearing. 1,474,121; Nov. 13.
Seymour, Benjamin F., Indianapolis, Ind. Resilient transmission and bearing. 1,474,122; Nov. 13.
Seymour, Benjamin F., Washington, D. C. Resilient wheel. 1,476,187; Dec. 4.
Seymour, Benjamin F., Washington, D. C. Resilient bearing. 1,477,907; Dec. 18.
Seymour, Benjamin F., Washington, D. C. Resilient transmission and bearing. 1,477,908; Dec. 18.
Seymour, Benjamin F., Washington, D. C. Resilient transmission and bearing. 1,477,909; Dec. 18.
Seymour, Benjamin F., Washington, D. C. Resilient transmission and bearing. 1,477,910; Dec. 18.
Seymour, Benjamin F., Indianapolis, Ind. Resilient transmission and bearing. 1,477,911; Dec. 18.
Seymour, Benjamin F., Washington, D. C. Resilient transmission and bearing. 1,477,912; Dec. 18.
Seymour, Benjamin F., Indianapolis, Ind. Combined resilient bearing and drive. 1,477,913; Dec. 18.
Seymour, Benjamin F., Washington, D. C. Vehicle body suspension. 1,477,914; Dec. 18.
Seymour, Benjamin F., Indianapolis, Ind. Wheel. 1,477,915; Dec. 18.
Seymour, Charles, St. Louis, Mo. Timber-cutting apparatus. 1,447,606; Mar. 6.
Seymour, Charles, Brantford, Ontario, Canada. Cooling apparatus for automobiles. 1,450,650; Apr. 3.
Seymour, Dudley S., assignor to Union Special Machine Company, Chicago, Ill. Feeding mechanism for sewing machines. 1,450,456; Apr. 3.
Seymour, Dudley S., Oak Park, assignor to Union Special Machine Company, Chicago, Ill. Feeding mechanism for sewing machines. 1,458,199; June 12.
Seymour, Frederick W. (See Weatherlow, J. H., and Seymour.)
Seymour, James M., Newark, N. J. Multiple propeller fan. 1,462,151; July 17.
Seymour, Mark T., Stowe, N. Y. Electric coffee roaster. 1,468,419; Sept. 18.
Seymour, Napoleon H., Waltham, Mass. Plating half-rotary feed guide. 1,461,684; July 10.
Seymour, Ralph C., Larchmont, N. Y., assignor to Schwartz, Seymour & Company, Inc. Printing press. 1,448,006; Mar. 13.
Seymour, Sarah A., Tariffville, Conn. Reading stand. 1,445,179; Feb. 13.
Seymour, William A., Leavenworth, Kans. Baling-wire needle. 1,452,712; Apr. 24.
Shackelford, Edward H., et al. (See Hebbard, Charles C., assignor.)
Shackelton, William J., Scotch Plains, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Secret signaling system. 1,465,368; Aug. 21.
Shackitt, Mortimer M., Brooklyn, N. Y. Can. 1,448,316; Mar. 13.
Shackleford, Benjamin E., East Orange, N. J., assignor to Westinghouse Lamp Company. Electric incandescent lamp. 1,463,178; July 31.
Shackleton, William. (See Powell, H. H., and Shackleton.)
Shackleton, William J., Scotch Plains, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Variable inductance element. 1,445,242; Feb. 13.
Shackley, Moses E., East Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Vamp-trimming machine. 1,454,908; May 15.
Shader, Edmund G., Brockton, Mass. Automatic boiler control. 1,451,274; Apr. 10.
Shadrick, Richard H., Minneapolis, Minn. Hydrostatic gas-heater control. 1,477,083; Dec. 11.
Shaeffer, Arling, Chicago, Ill. Violin finger board. 1,472,943; Nov. 6.
Shaeffer, Clarence W., Chicago, Ill. Rubber heel. 1,458,446; June 12.
Shaeffer, Harry B., Altoona, Pa. Shock absorber. 1,456,470; May 22.
Shafer, Clifford C., Newark, N. J. Egg-treating machine. 1,475,248; Nov. 27.
Shafer, Julius E., Chicago, Ill. Bearing cage. 1,442,978; Jan. 23.
Shafer, Samuel, jr., assignor to Chain Belt Company, Milwaukee, Wis. Conveying and distributing apparatus. 1,451,308; Apr. 10.
Shafer, Samuel, jr., assignor to Chain Belt Company, Milwaukee, Wis. Derrick. 1,457,397; June 5.
Shafer, Samuel F., Tacoma, Wash. Furnace. 1,466,762; Sept. 4.
Shaff, Ernest H., assignor to William H. Keller, Inc., Grand Haven, Mich. Fluid-pressure-actuated tool. 1,465,770; Aug. 21.
Shaffer, Charles W., et al. (See Wolfe, Clinton M., assignor.)
Shaffer, Clarence D., assignor to Textile, Leather & Metal Preserver Co., Kalamazoo, Mich. Waterproofing composition and making. 1,441,605; Jan. 9.
Shaffer, Cleve T., San Francisco, Calif., assignor to A. Schrader's Son, Incorporated, Brooklyn, N. Y. Valve-stem closure. 1,443,387; Jan. 30.
Shaffer, Ellis B., et al. (See Hockman, Russel, assignor.)
Shaffer, Ernest J., Tulsa, Okla. Sucker-rod slip socket. 1,451,275; Apr. 10.
Shaffer, Ernest J., Tulsa, Okla. Sucker-rod-connecting means. 1,452,937; Apr. 24.

Shaffer, Frank E. (See Cooper, J. C., and Sigrist, assignors.)
Shaffer, Glenn A. (See Cunnard, W. H., and Shaffer.)
Shaffer, John D., Salt Lake City, Utah. Auxiliary sled runner. 1,443,655; Jan. 30.
Shaffer, Otto, Porterville, Calif. Transmission mechanism. 1,475,516; Nov. 27.
Shaffer, Richard W., Ebensburg, Pa. Brace. 1,466,487; Aug. 28.
Shaffer, W. E. (See Au-Miller, Cleve M., assignor.)
Shaffer, William F., and B. Crutchfield, Jackson, Tenn. Latch for railway-car couplings. 1,454,083; May 8.
Shafor, Ralph W., Denver, Colo. Converting the carbonates or sulphides of barium or strontium into the corresponding hydrates. 1,460,180; June 26.
Shaft, Willis S., Faribault, Minn. File and file cabinet for letters or other papers. 1,450,614; Apr. 3.
Shakespeare Company. (See Russell, Samuel G., assignor.)
Shakespeare Company. (See Russell, S. G. and Clickner, assignors.)
Shalek, Victor J., Oak Park, Ill. Dental floss dispenser. 1,455,673; May 15.
Shaler, Clarence A., Waupun, Wis. Vulcanizer. 1,459,555; June 19.
Shalit, Norman. (See Pottruck, I., and Shalit.)
Shalkop, Isaac C. (See Heinitsh, W. W., Shalkop, and Lauterbach.)
Shamberg, Herbert D., New York, N. Y. Means of heating and ventilating motor-driven vehicles. 1,446,725; Feb. 27.
Shamblin, Harvey C., Miami, Okla. Lubricating device. 1,458,895; June 12.
Shampay, Pascal J., Chicago, Ill. Cleaning machine. 1,460,447; July 3.
Shampay, Pascal J., Chicago, Ill. Rug-hanging machine. 1,460,448; July 3.
Shanahan, Patrick J., New Orleans, La. Bridge wall for boilers. 1,446,937; Feb. 27.
Shanahan, Thomas B., Rochester, N. Y. Nonglare reflector for headlights. 1,471,710; Oct. 23.
Shaner, Arthur L., San Francisco, Calif. Rope hitch. 1,461,498; July 10.
Shaner, George F. (See Davenport, Mervyn A., assignor.)
Shanisey, Frederick J., sr., Rochester, N. Y., assignor to Fitz-Empire Double Pivot Last Company, Auburn, Me. Last. 1,448,042; Mar. 13.
Shank, Lewis H. (See Buckwalter, Jacob S., assignor.)
Shankland, Nora L., Newton, Iowa. Window stop. 1,461,499; July 10.
Shanklin, Haddon J., St. John, New Brunswick, Canada. Tidal engine. 1,447,903; Mar. 6.
Shanks, Jesse A. (See Snuffer, S. H., and Shanks.)
Shanley, Bernard J. (See Duval, Harry E., assignor.)
Shanley, William C., Des Moines, Iowa. Device for connecting suction pipes to tanks and other receptacles. 1,449,786; Mar. 27.
Shanley, William C., Des Moines, Iowa. Device for connecting suction pipes to tanks and other receptacles. 1,461,945; July 17.
Shannon, Leon W., Hiawatha, Kans. Developing apparatus. 1,463,489; July 31.
Shannon, Ralph W., and C. E. Sanders, Los Gatos, Calif. Stepladder. 1,478,617; Dec. 25.
Shannon, Randolph W., New York, N. Y. Filing box. 1,478,618; Dec. 25.
Shannon, S. Q. (See Servis, L. B., Randall, and Shannon.)
Shannon, S. Q. (See Strifler, Chester E., assignor.)
Shapard, Harry L., et al. (See Morris, George T., assignor.)
Shapiro & Aronson, Inc. (See Klein, Max, assignor.)
Shapiro, Barnet, Seagate, Brooklyn, N. Y. Lace. Des. 62,508; June 12.
Shapiro, Harry H., New York, N. Y. Dental apparatus. 1,458,782; June 12.
Shapiro, Joseph, Baltimore, Md. Cone-making machine. 1,460,611; July 3.
Shapiro, Leon. (See Toelcke, K. L., Mikkola, and Shapiro.)
Shapiro, Samuel, and M. Weinberg, Milwaukee, Wis. Tool for repairing punctured tires. 1,475,353; Nov. 27.
Shapiro, Solomon A., Montreal, Quebec, Canada. Float-operated switch. 1,475,087; Nov. 20.
Shappelle, Harold A., Luzerne Borough, assignor to Wales Adding Machine Company, Wilkes-Barre, Pa. Carriage mechanism for calculating machines. 1,448,874; Mar. 20.
Sharaf, R. M., Machine Co. (See Sharaf Ralph M., assignor.)
Sharaf, Ralph M., New York, N. Y., assignor to R. M. Sharaf Machine Co., Boston, Mass. Loop-taker mechanism for zig-zag sewing machines. 1,466,149; Aug. 28.
Sharaf, Ralph M., New York, N. Y., assignor to R. M. Sharaf Machine Co., Boston, Mass. Zigzag mechanism for sewing machines. 1,466,150; Aug. 28.
Sharaf, Ralph M., New York, N. Y., assignor to R. M. Sharaf Machine Co., Boston, Mass. Trimming or cutting mechanism for sewing machines. 1,466,151; Aug. 28.
Sharaf, Ralph M., New York, N. Y., assignor to R. M. Sharaf Machine Co., Boston, Mass. Sewing-machine feed mechanism. 1,466,152; Aug. 28.
Sharaf, Ralph M., New York, N. Y., assignor to R. M. Sharaf Machine Co., Boston, Mass. Lace holder and guide for sewing machines. 1,466,153; Aug. 28.
Sharaf, Ralph M., New York, N. Y., assignor to R. M. Sharaf Machine Co., Boston, Mass. Needle-jogging mechanism for sewing machines. 1,466,154; Aug. 28.
Sharaf, Ralph M., New York, N. Y., assignor to R. M. Sharaf Machine Co., Boston, Mass. Feed mechanism for sewing machines. 1,467,072; Sept. 4.
Share, Arthur A., Philadelphia, Pa. Crumb gatherer. 1,467,252; Sept. 4.
Sharkey, William E., Middletown, Ohio. Reduction gearing. 1,455,360; May 15.
Sharp, Albert and G., Bayonne, N. J. Adjustable forming outlet nozzle. 1,463,407; July 31.
Sharp, Charles W., Hamilton, Ontario, Canada. Nonrefillable bottle. 1,456,939; May 29.
Sharp, Chester L., deceased, Lancaster, Ohio; G. Sharp, administratrix. Furnace. 1,447,633; Mar. 6.
Sharp, Clarence E., Gibbsboro, N. J. Color-chip-pasting machine. 1,460,865; July 3.
Sharp, Fred, and J. Martin, Barrow-in-Furness, England. Trolley head for electric tramcars. 1,477,720; Dec. 18.
Sharp, George. (See Sharp, Albert and G.)
Sharp, Georgia, administratrix. (See Sharp, Chester L.)
Sharp, John and W., Cleveland, Ohio. Spark plug. 1,445,044; Feb. 13.
Sharp, Gibson T., et al. (See Ordung, Henry H., assignor.)
Sharp, Jefferson M., assignor to National Transit Pump & Machine Company, Oil City, Pa. Engine. 1,472,028; Oct. 23.
Sharp, John H., Chicago, Ill. Travel and sales guide. 1,450,335; Apr. 3.
Sharp, John H., Chicago, Ill. Automobile protective device. 1,450,336; Apr. 3.
Sharp, John H., Chicago, Ill. Container. 1,462,665; July 24.
Sharp, John W., Estico, Ark. Animal trap. 1,440,560; Jan. 2.
Sharp, Joseph W., Philadelphia, Pa. Gas burner. 1,453,327; May 1.
Sharp, Joseph W., Philadelphia, Pa. Gas burner. 1,466,763; Sept. 4.
Sharp & Smith. (See Brix, Harold, assignor.)
Sharp, William. (See Sharp, John and W.)
Sharpe, Albert, Brooklyn, N. Y. Master template for gaskets. 1,467,200; Sept. 4.
Sharpe, Elmer, Hamilton, Ontario, Canada. Passenger-car signal. 1,471,286; Oct. 16.
Sharpe, George E., Steubenville, Ohio. Gas burner. 1,451,716; Apr. 17.
Sharpe, John E., assignor to Aluminum Seal Company, New Kensington, Pa. Sealing cap. 1,449,629; Mar. 27.
Sharpe, William H., Lakewood, Ohio. Making split bushings for bearings. 1,440,559; Jan. 2.
Sharples, Arthur E., Providence, R. I. Damper control for heaters. 1,455,271; May 15.
Sharples, David T., assignor to The Sharples Separator Company, West Chester, Pa. Drag bush. 1,443,967; Feb. 6.
Sharples, Philip T., St. Davids, Pa. Centrifugal machine. 1,445,722; Feb. 20.
Sharples Separator Company, The. (See Sharples, David T., assignor.)
Sharples Specialty Company, The. (See Ayres, Eugene E., jr., assignor.)
Sharpless, Evan B. (See Eastburn, Oliver W., jr., assignor.)
Sharpless, P. E., Company. (See Nusbaum, Harry and J., assignors.)
Sharpnack, Lord B., Detroit, Mich. Rotary ventilator. 1,477,669; Dec. 18.
Sharps, John A. (See Cutright, I. G., and Sharps.)
Sharpsteen, Stephen H., Tenafly, N. J. Motor-driven circuit carriage. 1,467,253; Sept. 4.
Sharshing, George J. (See Moore, L. G., and Sharshing.)
Shatz, Barnett, Buenos Aires, Argentina. Pouring spout. 1,465,617; Aug. 21.
Shatzke, Reason P., Denver, Colo. Grid plate for electric-current storage batteries. 1,451,058; Apr. 10.
Shave, George J., assignor to The London General Omnibus Company Limited, Westminster, London, England. Passenger vehicle. 1,457,190; May 29.
Shaver, Allan C., Montreal, Quebec, Canada. Composition for removing rust from fabrics. 1,457,609; June 5.
Shaver, Archibald G., Chicago, Ill., assignor to The Regan Safety Devices Company, Inc., New York, N. Y. Train-control shoe mechanism. 1,462,073; July 17.
Shaver, Bert L., Kansas City, Mo. Pistol. 1,468,840; Sept. 25.
Shavers, Henry J., Goldsboro, N. C. Lubricator. 1,455,272; May 15.
Shaw, Al B., Medford, assignor to Shaw Specialty Co., Inc., Boston, Mass. Valve stem for pneumatic tires. 1,460,804; July 3.
Shaw, Arthur E., Columbia, S. C. Dental film holder. 1,453,194; Apr. 24.
Shaw, Arthur L., assignor to Chicago Automatic Conveyor Co., Chicago, Ill. Conveyer carriage. 1,462,986; July 24.

Shaw, Clarence E., Gig Harbor, Wash. Revolving card device. 1,466,252; Aug. 28.
Shaw, E. C., et al. (See Squires, Chester J., assignor.)
Shaw, Edward, Toronto, Ontario, Canada. Apparatus for heat exchange. 1,456,255; May 22.
Shaw, Edward T., and C. H. Petronin, assignors, by mesne assignments, to Berkshire Magneto Company, Pittsfield, Mass. Automobile windshield wiper. 1,445,853; Feb. 20.
Shaw, Ford W., Little Jewel, Mont. Stone-gathering machine. 1,442,979; Jan. 23.
Shaw, Frank H., East Orange, N. J. Vacuum-tube base and receptacle. 1,458,153; June 12.
Shaw, Frank R. (See Fay, R. D., and Shaw.)
Shaw, Fred L., and D. Dummer, Steubenville, Ohio. Ice-shaving machine. 1,449,917; Mar. 27.
Shaw, George S. (See Marshall, M. J., and Shaw.)
Shaw, Gwilym, assignor to The Miller Rubber Company, Akron, Ohio. Bathing hat or cap. 1,441,180; Jan. 2.
Shaw, H. E., Furniture Co. (See Van Dommelen, Peter, assignor.)
Shaw, Harold F., assignor to F. A. Whitney Carriage Company, Leominster, Mass. Making articles of wickerware. 1,475,151; Nov. 20.
Shaw, Henry M., assignor to Sherwood Bros. Mfg. Co. Inc., Canastota, N. Y. Wagon. 1,468,173; Sept. 18.
Shaw, Howard A., Yonkers, N. Y. Humidor. 1,462,832; July 24.
Shaw, Ira D., Boston, Mass. Fastener. 1,450,391; Apr. 3.
Shaw, James W., Chicago, Ill. Mixing attachment for engine fuel intakes. 1,473,052; Nov. 6.
Shaw, John H., assignor to Sargent & Company, New Haven, Conn. Lock bolt. 1,446,589; Feb. 27.
Shaw, John H., assignor to Sargent & Company, New Haven, Conn. Machine for loading cartridge belts and the like. 1,456,154; May 22.
Shaw, John K., Minneapolis, Minn. Wall board made from bagasse and analogous fibers. 1,457,285; May 29.
Shaw, John K., Minneapolis, Minn. Redwood-bark wall board. 1,468,036; Sept. 18.
Shaw, John K., Minneapolis, assignor to C. F. Dahlberg, St. Paul, Minn. Apparatus for varying the thickness of fiber layers. 1,477,288; Dec. 11.
Shaw, John T., assignor of one-half to H. W. Applegate, Jonesboro, Ark. Smoking-pipe attachment. 1,462,425; July 17.
Shaw, John T., C. A. Weymouth, and B. H. Pearson, Huddersfield, England. Steering gear for steamships. 1,455,151; May 15.
Shaw, Louis E., East Orange, N. J., assignor to Williams Motors Inc., New York, N. Y. Disk wheel. 1,469,699; Oct. 2.
Shaw, Louis E., East Orange, N. J., assignor to Williams Motors Inc., New York, N. Y. Oil-circulating system. 1,470,769; Oct. 16.
Shaw, Myron R., Springfield, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Rubber tire. 1,471,070; Oct. 16.
Shaw, Roscoe H. (See Sherman, J. M., and Shaw.)
Shaw, Sidney B., San Francisco, Calif. Rocker arm. 1,478,679; Dec. 25.
Shaw Specialty Co. (See Shaw, Al B., assignor.)
Shaw, Thomas, Matangi, Waikato, New Zealand. Belt fastener. 1,472,890; Nov. 6.
Shaw, Victor A., Brooklyn, N. Y. Boat and apparatus for the propulsion thereof. 1,455,230; May 15.
Shaw, Wesley J., assignor to New England Wood Heel Co., Haverhill, Mass. Machine for turning wood heels. 1,476,188; Dec. 4.
Shawinigan Laboratories, Limited. (See Marshall, M. J., and Shaw, assignors.)
Shawinigan Laboratories, Limited. (See Matheson, Howard W., assignor.)
Shawinigan Laboratories, Limited. (See Skirrow, F. W., and Dick, assignors.)
Shawmut Engineering Company. (See Burnes, Henry A., assignor.)
Shawmut Engineering Company. (See Hathaway, Edgar F., assignor.)
Shawmut Engineering Company. (See Hathaway, E. F., and Bixby, assignors.)
Shawmut Machine Works, Inc. (See Smith, Raymond D., assignor.)
Shay, James, Middletown, Ohio. Gate. 1,472,994; Nov. 6.
Shea, Arthur E., Eckley, Colo. Shim plate for demountable rims. 1,459,346; June 19.
Shea-Lawlor, Donald H., Dunedin, New Zealand. Letter box. 1,447,822; Mar. 6.
Shea, Patrick J. (See Wickstrom, H., and Shea.)
Shea, Patrick J., assignor to Chase Companies, Inc., Waterbury, Conn. Lever handle for lavatory faucets and the like. 1,475,654; Nov. 27.
Shea, Robert, Martell, Calif. Cradle rocker. 1,449,301; Mar. 20.
Shea, William C., San Anselmo, Calif. Bucket for steam shovels or the like. 1,478,301; Dec. 18.
Sheaff, Philip A., Philadelphia, Pa. Sphygmomanometer. 1,474,853; Nov. 20.
Sheaffer, Robert C., Lancaster, Pa. Brassière holder. 1,455,152; May 15.
Sheal, Robert E., Cleveland, Ohio. Material-handling bridge. 1,450,735; Apr. 3.
Shearer, Harry T., Waynesboro, Pa. Reaming tool for truing valve seats. 1,453,643; May 1.
Shearer, Vance, New York, N. Y. Ignition timer for internal-combustion engines. 1,471,865; Oct. 23.
Shearer, Vance, New York, assignor to Blueblaze Motor Specialties Corp., Long Island City, N. Y. Ignition timer for internal-combustion engines. 1,465,740; Aug. 21.
Shearer, Vance, assignor to Blublaze Motor Specialties Corp., New York, N. Y. Ignition timer for internal-combustion engines. 1,468,885; Sept. 25.
Shearer, William B., New York, N. Y., assignor to International Torpedo Boat Corporation, Wilmington, Del. Boat. 1,458,154; June 12.
Shearer, William L., Omaha, Nebr., assignor to Dental Products Company, Chicago, Ill. Bone-cutting forceps. 1,471,422; Oct. 23.
Shearing, George. (See Morris-Airey, H., Shearing, and Mullard.)
Shearman, Thomas J., Philadelphia, Pa. Thread-cutting device. 1,464,779; Aug. 14.
Sheather, Percival B., et al. (See Bryan, William G., assignor.)
Shedenhelm, Robert, Grinnell, Iowa. Self loading and distributing wagon. 1,442,980; Jan. 23.
Shedenhelm, Robert, Grinnell, Iowa. Conveyer device. 1,477,776; Dec. 18.
Shee, Parke B., Oak Park, Ill. Making gear wheels. 1,444,213; Feb. 6.
Shee, Parke E., assignor of one-half to E. I. Noble, Lancaster, Pa. Garment hanger. 1,458,552; June 12.
Shee, Parke E., assignor of one-half to E. I. Noble, Lancaster, Pa. Stropping holder for safety-razor blades. 1,477,721; Dec. 18.
Sheedy, Patrick, Los Angeles, Calif. Power-operated valve-reversing gear. 1,443,888; Jan. 30.
Sheehan, George F., and H. A. Gillen, Seattle, Wash. Fuel briquette. 1,446,322; Feb. 20.
Sheehan, Thomas P., Norwich, Conn. Fillet-winding device. 1,468,839; Sept. 25.
Sheehan, William M., assignor to Commonwealth Steel Company, St. Louis, Mo. Hopper-car door. 1,450,615; Apr. 3.
Sheehan, William M., assignor to Cast Steel Locomotive Ash Pan Company, St. Louis, Mo. Locomotive ash pan. 1,460,113; June 26.
Sheehy, Jeremiah J., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,448,007; Mar. 13.
Sheek, Walter A. (See Welch, H. V., and Sheek.)
Sheek, Walter A., Long Beach, assignor to International Precipitation Company, Los Angeles, Calif. Apparatus for electrical precipitation of suspended particles from gases. 1,442,301; Jan. 16.
Sheeler, Daniel A., Granton, Wis. Removable mold for concrete walls. 1,471,574; Oct. 23.
Sheeley, William F., Galesburg, Ill. Vehicle traffic signal. 1,463,927; Aug. 7.
Sheen, Francis M., New Orleans, La. Apparatus for handling packages. 1,455,273; May 15.
Sheen, Milton R., Philadelphia, Pa. Building construction. 1,460,516; July 3.
Sheen, Milton R., assignor to Tunnel Machine Manufacturing and Engineering Company, Philadelphia, Pa. Machine for building tunnels and the like. 1,442,704; Jan. 16.
Sheene, William E., assignor to The National Asphalt Burial Vault Company, Baltimore, Md. Asphalt-mastic and coal-tar-mastic casket vault. 1,478,769; Dec. 25.
Sheer, Henry M., Quincy, Ill. Brooder. 1,470,491; Oct. 9.
Sheer, Henry M., Quincy, Ill. Ball-valve control. 1,475,030; Nov. 20.
Sheet Steel Products Company. (See Baxter, Kenneth S., assignor.)
Sheet and Tin Plate Doubling Machine Company, The. (See Henskey, Frederick W., assignor.)
Sheets, Kenney L., Mount Vernon, Wash. Cabinet. 1,471,532; Oct. 23.
Sheff, Henry W. (See Sheff, William and H. W.)
Sheff, William and H. W., Brooklyn, N. Y. Gold solder. 1,469,191; Sept. 25.
Sheffer, John W. (See Johnson, W. S., and Sheffer.)
Sheffield, Joseph H., Chicago, Ill. Printing. 1,456,834; May 29.
Sheick, Joseph H. (See Watson, John A., assignor.)
Sheiman, Morris, New York, assignor to Wilson Bohannan, Inc., Brooklyn, N. Y. Lock. 1,451,788; Apr. 17.
Shek, Frank P., Brooklyn, N. Y. Lock. 1,452,393; Apr. 17.
Shek, Frank P., Brooklyn, N. Y. Lock. 1,477,777; Dec. 18.
Shelby, David C. P., Arnaud, Manitoba, Canada. Extension sleigh bolster. 1,478,537; Dec. 25.
Shelby Shoe Company. (See Gordon, Hiram, assignor.)
Shelden, Charles W., Diagonal, Iowa. Hog ring. 1,470,295; Oct. 9.
Sheldon, Albert N., Ventura, Calif. Apparatus for walking on water. 1,475,031; Nov. 20.
Sheldon, Clarence O., assignor of one-half to C. D. Dickey, Donna, Tex. Portable stove. 1,468,421; Sept. 18.

Sheldon, Edward P., Brooklyn, assignor to R. Hoe and Co., New York, N. Y. Sheet delivery. 1,444,088; Feb. 6.
Sheldon, Edward P., assignor to R. Hoe and Co., New York, N. Y. Counting mechanism for printing machines. 1,466,672; Sept. 4.
Sheldon, Edward P., Brooklyn, assignor to R. Hoe and Co., New York, N. Y. Late-news-printing device. 1,473,650; Nov. 13.
Sheldon, Herbert F., assignor of one-third to C. M. Burroughs, Boston, Mass. Pneumatic tire. 1,442,007; Jan. 9.
Sheldon, Lewis W., Brooklyn, N. Y. Power-transmission device. 1,469,700; Oct. 2.
Sheldon, Otis C., assignor to Sanford Riley Stoker Co., Worcester, Mass. Agitator for stoker hoppers. 1,444,888; Feb. 13.
Shellenberger, John, Rome, Ga., assignor to Sealed Case Company. Feed mechanism for wirebound-box-blank machines and the like. 1,447,490; Mar. 6.
Shellenberger, John, Rome, Ga., assignor to Sealed Case Company. Machine for making boxes and crates. 1,463,727; July 31.
Sheller, Harry E., assignor to Sheller Wood Rim Manufacturing Company, Portland, Ind. Steering wheel. 1,447,048; Feb. 27.
Sheller, Harry E., assignor to Sheller Wood Rim Manufacturing Company, Portland, Ind. Method of making steering wheels. 1,475,602; Nov. 27.
Sheller, John N., Soldiers Home, Calif. Combined rocking and rolling chair. 1,445,453; Feb. 13.
Sheller Wood Rim Manufacturing Company. (See Sheller, Harry E., assignor.)
Shelly, Hargus G., Mulvane, Kans. Boiler cleaner. 1,459,997; June 26.
Shelmon, Henry, Vontress, Tex. Bottle closure. 1,466,314; Aug. 28.
Shelor, Frederick L. (See Gillespie, S., and Shelor.)
Shelton, Henry D., Hughesville, Mo. Wind wheel. 1,460,114; June 26.
Shelton, Landon C. (See Hoff, T., Shelton, and MacMillan.)
Shelton, William G., New York, N. Y. Power-driven implement for cutting hair or the like. 1,455,274; May 15.
Shelton, William G., New York, N. Y. Casing for violet-ray generators. Des. 63,203; Oct. 30.
Shenango Pottery Co. (See De Lan, Eugene A., assignor.)
Shenango Tire & Rubber Company. (See Raach, W. N., and Shurtliffe, assignors.)
Sheney, Joseph H., Decatur, Ill. Portable folding sectional camp cot. 1,457,232; May 29.
Shepard, Lyman, Norfolk, Va., assignor of one-half to George L. Shinn, New Egypt, N. J. Drawing instrument. 1,469,192; Sept. 25.
Shepard, Morgan, New York, N. Y. Amusement portfolio for children. 1,440,936; Jan. 2.
Shepard, Morris G., New York, N. Y., and H. S. Adams, Naugatuck, Conn., assignors to The Naugatuck Chemical Company. Manufacture of formaldehyde condensation products of aliphatic amines and products obtained thereby. 1,471,213; Oct. 16.
Shepard-Thomason Co. (See Thomason, Hjalmar, assignor.)
Shephard, Percival W., Boerne, Tex. Advertising sign. 1,445,977; Feb. 20.
Shepherd, Alfred E., Flint, and E. G. Lovering, Detroit, Mich. Manufacturing filigree metal lamp shades. 1,466,033; Aug. 28.
Shepherd, Frank D., Aurora, Ill. Poppet valve for internal-combustion engines. 1,440,937; Jan. 2.
Shepherd, Frank D., Aurora, Ill. Internal-combustion engine. 1,474,794; Nov. 20.
Shepherd, Frank D., Detroit, Mich. Internal-combustion engine. 1,474,795; Nov. 20.
Shepherd, Frank E., North Kingsville, Ohio. Lifting apparatus. 1,459,556; June 19.
Shepherd, Frank G., Salt Lake City, Utah. Elevator lock. 1,446,668; Feb. 27.
Shepherd, Fred, Ohley, W. Va. Clothespin. 1,468,037; Sept. 18.
Shepherd, George F., Edgbaston, Birmingham, England. Spring suspension device for motor cycles and like vehicles. 1,476,651; Dec. 4.
Shepherd, Harold F., assignor to The Bessemer Gas Engine Company, Grove City, Pa. Hot pot for explosive engines and forming the same. 1,466,346; Aug. 28.
Shepherd, Oliver J., New York, N. Y. Hat-cord retainer. 1,446,938; Feb. 27.
Shepherd, Solomon W., Orlando, Fla. Amusement apparatus. 1,473,522; Nov. 6.
Shepherd, Stonwall J., Memphis, Tenn. Hinge guard. 1,444,398; Feb. 6.
Shepler, Theodore F. (See Dillard, W. J., and Shepler, assignors.)
Sheppard, Creedy C. (See Schmidt, H. C., and Sheppard.)
Sheppard, Orlando, jr., Atlanta, Ga., assignor to Buckeye Iron & Brass Works, Dayton, Ohio. Cake former. 1,450,457; Apr. 3.
Sheppard, Samuel E., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether composition. 1,441,181; Jan. 2.
Sheppard, Samuel E., and L. W. Eberlin, assignors to Eastman Kodak Company, Rochester, N. Y. Electrodeposition of rubber coatings. 1,476,374; Dec. 4.
Sheras, Morris, assignor to A. D. Joslin Manufacturing Co., Chicago, Ill. Band dating stamp. 1,463,340; July 31.
Sheras, Morris, assignor to A. D. Joslin Manufacturing Company, Chicago, Ill. Dating stamp. 1,465,741; Aug. 21.
Sherbondy, Earl H., assignor to The Peerless Motor Car Company, Cleveland, Ohio. Internal-combustion engine. 1,447,438; Mar. 6.
Sherbondy, Earl H., assignor to S. D. Waldon, Detroit, Mich. Universal joint. 1452,530; Apr. 24.
Sherbondy, Earl H., assignor to S. D. Waldon, Detroit, Mich. Steering knuckle for motor vehicles. 1,452,531; Apr. 24.
Sherbondy, Earl H., assignor to S. D. Waldon, Detroit, Mich. Vehicle chassis. 1,452,532; Apr. 24.
Sherbondy, Earl H., assignor to S. D. Waldon, Detroit, Mich. Vehicle drive axle. 1,472,441; Oct. 30.
Sherbondy, Earl H., assignor to S. D. Waldon, Detroit, Mich. Poppet valve. 1,473,711; Nov. 13.
Sheridan, Carroll M., New York, N. Y. Portable heater for hair curlers. 1,444,140; Feb. 6.
Sheridan, Eugene J., Rockland, N. Y. Mail pouch. 1,475,603; Nov. 27.
Sheriff, David H., jr., Kansas City, Mo. Rheostat with auxiliary contact system. 1,461,072; July 10.
Sherlock, John F., assignor of one-half to C. L. O'Reilly, New York, N. Y. Envelope. 1,446,669; Feb. 27.
Sherman, Allton H. (See Combs, Wilbur M., assignor.)
Sherman, Alvin G., assignor to Detroit Vapor Stove Company, Detroit, Mich. Stove trimming. 1,468,751; Sept. 25.
Sherman, Alvin G., assignor to Detroit Vapor Stove Company, Detroit, Mich. Stove-base construction. 1,468,752; Sept. 25.
Sherman, Alvin G., assignor to Detroit Vapor Stove Company, Detroit, Mich. Stove top and shelf construction. 1,468,753; Sept. 25.
Sherman, Charles H., North Attleboro, Mass. Bracelet. 1,447,188; Mar. 6.
Sherman, Charles H., North Attleboro, Mass. Flexible wire-strand bead bracelet and making the same. 1,448,465; Mar. 13.
Sherman, Charles H., North Attleboro, Mass. Bracelet. Des. 63,141; Oct. 16.
Sherman, Edward T., Minneapolis, Minn. Door latch. 1,450,188; Apr. 3.
Sherman, Eldridge B., assignor to E. C. Sonntag, Bartlett, Tex. Attachment for huller cotton gins. 1,446,021; Feb. 20.
Sherman, Frank C., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic-print-washing machine. 1,470,586; Oct. 9.
Sherman, Fred S., Cambridge, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Press. 1,442,180; Jan. 16.
Sherman, H. B., Manufacturing Co. (See Bliss, Donald M., assignor.)
Sherman, H. B., Manufacturing Co. (See Defibaugh, Mark A., assignor.)
Sherman, H. B., Manufacturing Co. (See Sherman, H. B., and Bliss, assignors.)
Sherman, Harry E., and L. A., assignors, by mesne assignments, to American Cartridge Company, Kansas City, Mo. Decoy. 1,468,979; Sept. 25.
Sherman, Howard B., and D. M. Bliss, assignors to H. B. Sherman Manufacturing Co., Battle Creek, Mich. Screw-operable drain valve. 1,465,004; Aug. 14.
Sherman, James M., Washington, D. C., and R. H. Shaw, Chicago, Ill., dedicated, by mesne assignments, to the People of the United States. Acceleration of propionic fermentation. 1,459,959; June 26.
Sherman, James M., Washington, D. C., and R. H. Shaw, Chicago, Ill., dedicated, by mesne assignments, to the People of the United States. Production of propionates and propionic acid. 1,470,885; Oct. 16.
Sherman, James M., and E. O. Whittier, Washington, D. C., dedicated, by mesne assignments, to the People of the United States. Purification of propionates by the action of bacteria. 1,450,392; Apr. 3.
Sherman, John C., assignor to Brown Company, Portland, Me. Butter substitute. 1,444,562; Feb. 6.
Sherman, John Q. (See Metzner, A. W., and Sherman.)
Sherman, John Q., Dayton, Ohio. Autographic register. 1,445,108; Feb. 13.
Sherman, John Q., Dayton, Ohio. Manifolding and numbering device. 1,447,156; Feb. 27.
Sherman, John Q., Dayton, Ohio. Manifolding register. 1,452,660; Apr. 24.
Sherman, John Q., Dayton, Ohio. Manifolding typewriter. 1,454,822; May 8.
Sherman, John Q., Dayton, Ohio. Flat-bed manifolding machine. 1,457,940; June 5.
Sherman, John Q., Dayton, Ohio. Flat-bed manifolding device. 1,471,287; Oct. 16.
Sherman, John Q., Dayton, Ohio. Manifolding paper. 1,471,288; Oct. 16.

Sherman, John Q., Dayton, Ohio. Manifolding machine. 1,471,289; Oct. 16.
Sherman, John Q., and A. W. Metzner, Dayton, Ohio; said Metzner assignor to said Sherman. Flat-bed multicopy machine. 1,454,821; May 8.
Sherman, John W., and F. M. Catron, Sulphur Springs, Fla. Water toboggan. 1,441,126; Jan. 2.
Sherman, Joseph B., Meriden, Conn. Knife or similar article. Des. 63,664; Dec. 25.
Sherman, Louie A. (See Sherman, Harry E. and L. A.)
Sherman, Max, Brooklyn, N. Y. Fruit basket or the like. Des. 62,036; Mar. 6.
Sherman, Phillip, Toledo, Ohio. Windshield wiper. 1,474,005; Nov. 13.
Sherman, Phillip, Toledo, Ohio. Windshield wiper. 1,474,006; Nov. 13.
Sherndal, Alfred E., assignor to H. A. Metz, New York, N. Y. Diamino-dioxyarsenobenzene-silver oxid compound and making the same. 1,446,216; Feb. 20.
Sherow, Lindolph, M., Ossining, N. Y. Composition of matter for silver-plating metals. 1,450,926; Apr. 10.
Sherrard, Earl C., Madison, Wis.; dedicated, by mesne assignments, to The People of the United States. Making ethyl alcohol from galactose. 1,454,521; May 8.
Sherrod, Rufus M., assignor of forty-nine-one-hundredths to B. H. Sullenger, Dyersburg, Tenn. Pool-ball carrier. 1,457,464; June 5.
Sherry, John C., Seattle, Wash. Fishing tackle. 1,442,981; Jan. 23.
Sherry, John C., Seattle, Wash. Safety device for flying machines. 1,457,044; May 29.
Sherwin, George E., Milwaukee, Wis. Clothesline reel. 1,470,886; Oct. 16.
Sherwin, Isaac S., Chattanooga, Tenn. Shade fixture. 1,457,465; June 5.
Sherwin Williams Company, The. (See O'Boyle, M. J., and Holton, assignors.)
Sherwood, Bernard H., Worcester, Mass. Lubricating device. 1,444.399; Feb. 6.
Sherwood Bros. Mfg. Co. (See Shaw, Henry M., assignor.)
Sherwood Bros. Mfg. Co. (See Sherwood, William E., assignor.)
Sherwood, Carlyle J., assignor to Coen Co., San Francisco, Calif. Burner. 1,455,175; May 15.
Sherwood, Matthew M., Scranton, Pa. Removable calk. 1,465,794; Aug. 21.
Sherwood, Stephen H., and A. G. Barth, Pawpaw, Ill. Crate. 1,444,711; Feb. 6.
Sherwood, William, Detroit, Mich. Flush valve. 1,460,080; June 26.
Sherwood, William E., assignor to Sherwood Bros. Mfg. Co. Inc., Canastota, N. Y. Wagon. 1,468,174; Sept. 18.
Sherwood, William E., assignor to Sherwood Bros. Mfg. Co. Inc., Canastota, N. Y. Wagon. 1,468,175; Sept. 18.
Sherzer, Allen F., Ypsilanti, Mich. Regulating centrifugal pumps. 1,465,097; Aug. 14.
Sheuman, James E., Waynesboro, Pa. Floating reamer holder. 1,450,822; Apr. 3.
Shevenell, John L., et al, trustees. (See Josephson, Helmer G., assignor.)
Shevlin, George F., Glens Falls, N. Y. Valve. 1,457,318; June 5.
Shevlin, George F., Glens Falls, N. Y. Cooler for reclaimed liquor and gas in paper-pulp processes. 1,457,941; June 5.
Shick, Harry, Hawthorn, Pa. Fountain pen. 1,444,141; Feb. 6.
Shields, Carl E. (See Leveen, Swan J., assignor.)
Shields, Frank S., and J. A. Camm, assignor, by mesne assignments, to The Clark & Mesker Milling Machine Company, Cleveland, Ohio. Machine tool. 1,441,760; Jan. 9.
Shields, Harry A., Grand Rapids, Mich., assignor to F. C. Genge, Chicago, Ill. Filling machine. 1,445,416; Feb. 13.
Shields, Henry B., Freeport, N. Y. Aeroplane. 1,468,329; Sept. 18.
Shields, Lowell W., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Belt buckle. 1,454,522; May 8.
Shields, Lowell W., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Belt-buckle frame. Des. 63,242; Nov. 6.
Shields, Lowell W., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Belt-buckle frame. Des. 63,243; Nov. 6.
Shields, Lowell W., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Belt-buckle frame. Des. 63,244; Nov. 6.
Shields, Lowell W., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Belt buckle. 1,477,600; Dec. 18.
Shields, Roland, Baltimore, Md. Combined license-plate, tail-light and signal-light bracket. 1,453,770; May 1.
Shields, Willie A., Birmingham, Ala. Combination tool. 1,463,375; July 31.
Shiffer, Daniel B., Annville, Pa. Toilet accessory. 1,474,295; Nov. 13.
Shigley, Clarence W. (See Murrell, Richard S., assignor.)
Shigley, Cyrus C., Grand Rapids, assignor to Electric Phonograph Company, Kalamazoo, Mich. Speed-regulating device. 1,453,890; May 1.
Shilanski, Joseph G., Philadelphia, Pa. Safety and pick-proof lock. 1,445,723; Feb. 20.
Shill, Thomas, Highland Park, N. J. Owner's identification means for protecting automobiles against theft. 1,460,282; June 26.
Shilling, Lorenzo D., Kalispell, Mont. Blow-out boot for pneumatic tires. 1,470,546; Oct. 9.
Shilling, Wade, Troy, Ohio. Chin rest. 1,463,847; Aug. 7.
Shima, Adam S., Pasadena, Calif. Testing device for spark plugs. 1,459,379; June 19.
Shimek, John A. (See Specht, L. M., and Shimek.)
Shimer, Calvin J., Fort Wayne, Ind. Deodorizing and disinfecting case or container. Des. 62,861; Aug. 7.
Shimer, Edward F., and R. I. Frey, Phillipsburg, N. J. Brake-shoe spreader. 1,458,080; June 5.
Shimin, Edward W., Thermopolis, Wyo. Drill bit. 1,463,848; Aug. 7.
Shimp, Archie J., Rockford, Ill. Shoe form. 1,444,010; Feb. 6.
Shimp, Archie J., Rockford, Ill. Burglar alarm. 1,464,050; Aug. 7.
Shimp, Frederick A., assignor to Skillkrafters Incorporated, Philadelphia, Pa. Ring. Des. 62,539; June 19.
Shingle Lock Company, The. (See Kridler, Bernie C., assignor.)
Shinkle, Guy E., et al. (See Brown, Henry A., assignor.)
Shinn, George C., Vancouver, Wash. Attachment for motor vehicles. 1,445,562; Feb. 13.
Shinn, George L. (See Shepard, Lyman, assignor.)
Shinn, Horace, Maple Shade, N. J. Adjustable guide for crossheads of locomotives and the like. 1,475,453; Nov. 27.
Shinskie, Marcus A., Usona, Calif. Safety logging hook. 1,464,665; Aug. 14.
Shiono, Chutaro, Los Angeles, Calif. Combined lamp and bell. 1,441,247; Jan. 9.
Shipley, Arthur H., Leicester, England. Brush-making machine. 1,458,783; June 12.
Shipley, Arthur H., Leicester, England. Brush-making machine. 1,458,784; June 12.
Shipley, Arthur H., Leicester, England. Brush-making machine. 1,458,785; June 12.
Shipley, Caleb W. (See Steiner, H. W., Shipley, and Morrison.)
Shipley, Caleb W., Cincinnati, Ohio. Belt tire. 1,471,533; Oct. 23.
Shipley, Grant B. and J. B., Pittsburgh, Pa. Valve device for wood-treating cylinders. 1,465,742; Aug. 21.
Shipley, Grant B. and J. B., Pittsburgh, Pa. Automatic charging and discharging apparatus for wood-treating plants. 1,478,259; Dec. 18.
Shipley, Jack B. (See Shipley, Grant B. and J. B.)
Shipley, Thomas, York, Pa. Hinged door. 1,474,496; Nov. 20.
Shipman, Joseph W. C., Los Angeles, Calif. Apron for photographic developing equipment. 1,457,045; May 29.
Shipman, William P., assignor to Blaw-Knox Company, Pittsburgh, Pa. Making annealing boxes. 1,449,200; Mar. 20.
Shipp, Clarence C., Indianapolis, Ind. Heating and ventilating unit. 1,442,831; Jan. 23.
Shippee, Hartwell B., Killingly, Conn. Screen for windows and screen doors. 1,461,500; July 10.
Shipper, Isaac D., Philadelphia, Pa. Electric welding furnace. 1,467,954; Sept. 11.
Shippert, Warren A., assignor to The Burton Page Company, Chicago, Ill. Milking machine. 1,459,420; June 19.
Shipps, Fred C., Coshocton, Ohio. Belt. 1,458,553; June 12.
Shirk, Fremont W. (See Shirk, Peter R., and F. W.)
Shirk, Peter R. and F. W., Ephrata, Pa. Cutter. 1,470,492; Oct. 9.
Shirley Manufacturing Co. (See Clarke, Thomas H., assignor.)
Shirley, William M., Aliceville, Ala. Differential gear. 1,452,316; Apr. 17.
Shirreffs, James R., jr., administrator. (See Shirreffs, James R.)
Shirreffs, James R., deceased, Los Angeles, Calif.; J. R. Shirreffs, jr., administrator. Spotlight. 1,454,695; May 8.
Shively, Albert B., Laurel, Nebr. Hog-trough apparatus. 1,450,519; Apr. 3.
Shively, Charles A., Hoquiam, Wash. Grate construction. 1,456,835; May 29.
Shively, Josephine, Sausalito, Calif. Incense burner. Des. 63,334; Nov. 20.
Shively, Walter E. (See Kilborn, K. B., and Shively.)
Shively, Walter E., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Pneumatic tire. 1,457,942; June 5.
Shively, Walter E., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Pneumatic-tire flap. 1,475,147; Nov. 20.
Shiverick, Myron D., Albany, assignor to Sweet & Doyle Foundry and Machine Co., Green Island, N. Y. Automobile signal. 1,450,337; Apr. 3.

Shivers, Paul F., Wabash, and G. W. Obenchain, Ft. Wayne, Ind. Flexible and folding table. 1,445,854; Feb. 20.
Shivers, Paul F., Ludington, Mich., and J. F. Lindberg, Chicago, Ill., assignors of one-half to L. W. Holt, Ludington, Mich. Governor for internal-combustion engines. 1,456,284; May 22.
Shobert, Jacob M., Noble, Okla. Boll-weevil destroyer. 1,475,413; Nov. 27.
Shockey, Henry C., and T. Fennell, Casa Grande, Ariz. Fly-catching apparatus. 1,462,873; July 24.
Shockley, Clarence W., Mount Sterling, Ohio. Selector for gear-shifting mechanism. 1,466,067; Aug. 28.
Shoemaker, Harvey, Wollaston, Mass. Piston-rod connection. 1,440,801; Jan. 2.
Shoenberg, Milton H., San Francisco, Calif. Electric cigar lighter. Des. 62,366; May 15.
Shoenberg, Milton H., San Francisco, Calif. Electric cigar lighter and standard. Des. 62,367; May 15.
Shoeneman, Chas. A., et al. (See Schaller, William F., assignor.)
Shoenfelt, Charles F., Vandalia, G. H. Cook, Dayton, and F. H. Cook, Tippecanoe, Ohio; said G. H. Cook assignor to said Shoenfelt. Bottle holder. 1,459,707; June 19.
Shofter, William H., Barberton, Ohio, assignor to The Diamond Match Company, Chicago, Ill. Composition-applying device for book-match machines. 1,461,461; July 10.
Shogran, Ivar L. (See Balzer, V. W., and Ballou, assignors.)
Shogren, Chester M. (See Richards, F. A., and Shogren.)
Sholes, Frank W., Portland, Me. Photoprint-washing machine. 1,476,425; Dec. 4.
Shonk, William W., Vandalia, Ill. Valve-grinding machine. 1,446,323; Feb. 20.
Shonts, Leroy C., and O. W. Howard, assignors, by mesne assignments, to Moline Plow Company, Incorporated, Moline, Ill. Tractor. 1,452,283; Apr. 17.
Shook, Charles H., Dayton, Ohio. Material-handling machine. 1,476,375; Dec. 4.
Shook, George L., Port Henry, N. Y. Blast furnace. 1,448,772; Mar. 20.
Shore, Joseph R., assignor to American Concrete-Steel Company, Newark, N. J. Scaffolding for centering and the like. 1,477,190; Dec. 11.
Shore, Morris M., New York, N. Y. Cigarette appliance. 1,476,652; Dec. 4.
Shorey, Edmund C., Washington, D. C. Making 2-naphthol 3-carboxylic acid. 1,450,990; Apr. 10.
Shorrock, James L., assignor to Entwisle and Kenyon Limited, Accrington, England. Carpet sweeper. 1,468,215; Sept. 18.
Short, Bladen M., Detroit, Mich., assignor to C. Girl, Kalamazoo, Mich. Automobile bumper. 1,451,477; Apr. 10.
Short, Charles R., assignor to General Motors Company, Detroit, Mich. Motor vehicle. 1,441,248; Jan. 9.
Short, Charles R., assignor to General Motors Corporation, Detroit, Mich. Lubricating system for internal-combustion engines. 1,444,279; Feb. 6.
Short, Charles R., assignor to General Motors Research Corporation, Dayton, Ohio. Steering gear. 1,444,563; Feb. 6.
Short, Charles R., assignor to General Motors Company, Detroit, Mich. Valve-actuating device for hydrocarbon motors. 1,454,084; May 8.
Short, Charles R., assignor to General Motors Corporation, Detroit, Mich. Hydrocarbon motor. 1,457,943; June 5.
Short, Charles R., assignor to General Motors Corporation, Detroit, Mich. Cooling system for internal-combustion engines. 1,457,944; June 5.
Short, Charles R., assignor to General Motors Company, Detroit, Mich. Guide member for valve-operating mechanism of internal-combustion engines. 1,469,270; Oct. 2.
Short, Charles R., assignor to General Motors Company, Detroit, Mich. Piston. 1,473,127; Nov. 6.
Short, Charles R., and A. L. Cash, Detroit, Mich. Air-cleaning device. 1,461,630; July 10.
Short, George W. (See Snyder, S. S., and Short.)
Short, Hugh O., Rochester, England. Construction of wings and like parts of aeroplane flying machines and other aircraft. 1,445,454; Feb. 13.
Short, Hugh O., Rochester, England. Construction of wings and like parts of aeroplane flying machines and other aircraft. 1,445,455; Feb. 13.
Short, Hugh O., Rochester, England. Wing and like member constructed of metal for aeroplane flying machines and other aircraft. 1,451,059; Apr. 10.
Short, John J., New York, N. Y. Safety razor. 1,455,674; May 15.
Short, John M., Wheeling, W. Va. Flag-supporting device. 1,476,426; Dec. 4.
Short, Lillie A., Washington, D. C. Meat-tendering machine. 1,452,098; Apr. 17.
Short, Otto R. (See Pentler, S. J., and Short.)
Shortell, William P., Poughkeepsie, N. Y. Poultry feeder. 1,469,340; Oct. 2.
Shortridge, Bogle, Grundy, Va. Heel brace. 1,448,600; Mar. 13.
Shortt, Edward G., Carthage, N. Y. Fluid-pressure brake mechanism. 1,467,694; Sept. 11.
Shortt, Edward G., Carthage, assignor of one-half to A. H. Gebbie and I. T. Gebbie, Lowville, N. Y. Mechanism for air and fuel control. 1,442,632; Jan. 16.
Shott Manufacturing Company, The. (See Gail, Charles H., assignor.)
Shotwell, John J., Plainfield, N. J. Signboard. 1,449,063; Mar. 20.
Shotwell, Marcus A., Chicago, Ill. Demountable tread for pneumatic tires. 1,441,458; Jan. 9.
Shoults, Abe, St. Louis, Mo. Sanitary chicken roost. 1,466,197; Aug. 28.
Shoultz, Earl K., Vincennes, Ind. Leakproof valve. 1,468,747; Sept. 25.
Shoup, Samuel R., Weehawken, N. J. Lath board. 1,446,324; Feb. 20.
Shoup, Samuel R., Weehawken, N. J. Sheathing board. 1,460,962; Apr. 10.
Show, John D., New York, N. Y. Snubber. 1,470,493; Oct. 9.
Showalter, Arthur H., Brookline, assignor to The Russell Company, Boston, Mass. Box cell case. 1,443,283; Jan. 23.
Showalter, Jay B. F., Pekin, Ill. Scaffold and roof bracket. 1,456,940; May 29.
Showalterbaugh, Joseph, Gary, assignor to A. J. Miller, Hammond, Ind. Dirigible headlight. 1,472,141; Oct. 30.
Showers, Ernest S., Michigamme, Mich. Figure toy. 1,459,118; June 18.
Shown, Finley C., assignor of one-half to O. H. Bowden, Clarendon, Ark. Meat holder. 1,474,296; Nov. 13.
Shrauger, Darius E., Atlantic, Iowa. Farrowing-rail bracket. 1,457,636; June 5.
Shreeve, Herbert E., Maplewood, N. J. Wire-marking device. 1,458,155; June 12.
Shreeve, Herbert E., Wyoming, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Energization and control of vacuum tubes. 1,456,520; May 29.
Shreve Charles A. B. (See Walter, Albert U., assignor.)
Shreve, Randolph N. (See Charlton, H. W., and Shreve.)
Shriner, Moral O., assignor to S. A. Shriner, Niagara Falls, N. Y. Ash sifter. 1,469,113; Sept. 25.
Shriner, Salina A. (See Shriner, Moral O., assignor.)
Shriver, C. R., et al. (See Kesterson, Joseph E., assignor.)
Shriver, Harry T., Llewellyn Park N. J. Hydraulic press. 1,467,201; Sept. 4.
Shriver, J. R., et al. (See Kesterson, Joseph E., assignor.)
Shriver, Ray R., Rinard, Iowa. Electrical heater. 1,477,982; Dec. 18.
Shrock, John W., Akron, Ohio. Traction attachment for wheels. 1,451,183; Apr. 10.
Shroyer, Jacob L., Chicago, Ill., assignor to Edison Electric Appliance Company, Incorporated. Electric heater. 1,476,376; Dec. 4.
Shrubsole, Ernest, London, England. Route indicator. 1,454,793; May 8.
Shrum, Peter J., Monaco Heights, assignor to Colona Manufacturing Company, Pittsburgh, Pa. Thread protector. 1,457,882; June 5.
Shrum, Peter J., Monaca Heights, and H. A. Henigen, Rochester, assignors to Colona Manufacturing Company, Pittsburgh, Pa. Mechanism for making thread protectors. 1,475,032; Nov. 20.
Shubert, Joseph, Braddock, Pa. Wheeled toy. 1,472,498; Oct. 30.
Shuer, Maurice, et al. (See Morrison, Tom, assignor.)
Shuey, Willis A., Boise, Idaho. Pneumatic-tire attachment. 1,453,530; May 1.
Shuford, Stephen W., Woodlawn, N. C. Weighing mechanism. 1,452,763; Apr. 24.
Shugart, Frederick R., Sacramento, Calif. Wheelbarrow. 1,474,919; Nov. 20.
Shuha, Stephan J., Hillside, N. J. Lighter for stoves, ranges, and the like. 1,440,896; Jan. 2.
Shuler, Frank A., Louisville, Ky. Brake mechanism. 1,449,064; Mar. 20.
Shull, Daniel L., Bakersfield, Calif. Attachment for well-tube perforators. 1,447,523; Mar. 6.
Shull, Frederick G., Dallas, Tex., assignor to Aluminum Seal Company, Pittsburgh, Pa. Bottle closure. 1,472,093; Oct. 30.
Shull, Samuel, Philadelphia, Pa. Rail joint. 1,455,814; May 22.
Shull, William G. (See Sparks, C., and Shull.)
Shultz, Albert B., Buffalo, N. Y. Automobile tire lock. 1,444,214; Feb. 6.
Shultz, Albert B., Buffalo, N. Y. Ball joint. 1,451,964; Apr. 17.
Shultz, Albert B., Buffalo, N. Y. Liquid-level gauge. 1,451,965; Apr. 17.
Shultz, Michael L., assignor to U. S. Sanitary Specialties Corporation, Chicago, Ill. Gravity soap-dispensing valve. 1,446,217; Feb. 20.
Shulze, John H., sr., Hempstead, N. Y. Reenforced concrete construction. 1,446,275; Feb. 20.
Shumaker, Walter C., Orangeville, Ill. Facing tool. 1,466,385; Aug. 28.
Shumaker, William H., Miami, Fla. Holder for car replacers. 1,445,109; Feb. 18.

Shuman, Frank, Long Beach, Calif. Match saver. 1,441,379; Jan. 9.
Shuman, Frank, Long Beach, Calif. Guard for toothbrushes. 1,466,967; Sept. 4.
Shumway, Philip R. (See Kendall, Arthur I., assignor.)
Shupe, William S., Philadelphia, Pa. Heater. 1,469,648; Oct. 2.
Shurick, Edward P., assignor of one-half to S. P. Belsinger, Knoxville, Tenn. Combination mailing form. 1,472,142; Oct. 30.
Shur-On Optical Co. (See Kirstein, H. E., and Gage, assignors.)
Shur-On Optical Company. (See Bertram, Jacob P., assignor.)
Shur-On Optical Company. (See Leytham, Thomas; assignor.)
Shur-On Optical Company. (See McDonell, William E., assignor.)
Shurtleff, Wilfred, assignor to Moline Heat, Moline, Ill. Heating and ventilating unit. 1,440,497; Jan. 2.
Shurtleff, Wilfred, assignor to Moline Heat, Moline, Ill. Electric-motor base support. 1,440,498; Jan. 2.
Shurtliffe, Clinton E. (See Raach, W. N., and Shurtliffe.)
Shuster, Elmore F. (See Thompson, Lawrence, assignor.)
Shuster, Elmore F., New Haven, Conn. Wire straightening and cutting machine. 1,466,002; Aug. 28.
Shuster, Elmore F., New Haven, Conn. Wire-straightening arbor. 1,473,256; Nov. 6.
Shuster, Irving C., Newark, N. J. Fixture for brake rods. 1,463,557; July 31.
Shute, Arthur C. (See Bergen, W. V., and Shute.)
Shutoff, Michael, Freehold, N. J. Animal trap. 1,459,267; June 19.
Shutsa, Stephen J., Uniontown, Pa. Attaching clamp. 1,460,283; June 26.
Shuttleworth, Alfred, assignor of one-half to F. Smith, London, England. Domestic washing board. 1,475,454; Nov. 27.
Shuttleworth, Joseph C., Brooklyn, N. Y. Window ventilator. 1,444,756; Feb. 6.
Shvachka, John K., and A. S. Birnbaum-Shestakoff, New York, N. Y. Call device for public rooms. 1,464,447; Aug. 7.
Sibiski, John C., Baltimore, Md. Adjustable socket wrench. 1,451,591; Apr. 10.
Sibley, Edward L., Manufacturing Company. (See Sibley, Edward L., 2d, assignor.)
Sibley, Edward L., 2d, assignor to Edward L. Sibley Manufacturing Company, Incorporated, Bennington, Vt. Blanking out eyelets. 1,469,757; Oct. 2.
Sibley, Edwin J., Jamaica, N. Y. Friction adjuster. 1,478,404; Dec. 25.
Sibley, Irving A., jr., Chicago, Ill. Automobile bumper. 1,441,637; Jan. 9.
Sibley, James T., New York, N. Y. Pocketknife, etc. 1,478,260; Dec. 18.
Sibley, James T., and C. E. Waldorf, Paterson, N. J.; said Waldorf assignor to said Sibley. Tone arm. 1,442,302; Jan. 16.
Sibley, Richard C., Boston, Mass. Freight-transferring system. 1,463,558; July 31.
Sibley, Robert L. (See Bedford, C. W., and Sibley.)
Sibson & Stern, Inc. (See Branson, Thomas, assignor.)
Sibson, Walter W. (See Allsop, T., and Sibson.)
Sichel, John, et al. (See Grundy, Alfred A., assignor.)
Siciliano, Alexander, jr., London, England. Apparatus for feeding water to boilers under pressure. 1,441,761; Jan. 9.
Sickinger, William, Chicago, Ill. Electrically-heated waffle iron. 1,466,198; Aug. 28.
Sickles, Frank W. (See Perkins, J. L., Croft, and Sickles.)
Sickles, Frank W. (See Perkins, J. L., Sickles, and Oakley.)
Sickles, William, assignor of one-half to W. W. McDonald, Gilman, Ill. Self-elevating hanger or support. 1,450,051; Mar. 27.
Sickman, Davy V., Denver, Colo. Hydraulic expanding bar. 1,460,508; July 3.
Sickman, Davy V., Denver, Colo. Hydraulic expansion bar. 1,477,601; Dec. 18.
Sickmann, Henry C. (See Hachmann, F., and Sickmann.)
Sickmann, Henry C., et al. (See Hachmann, Frederick, assignor.)
Siddall, Wilbur H. (See McKinstry, G. W., and Siddall.)
Sidebotham, Melvin H. (See La Bombard, L. E., and Sidebotham.)
Sidebottom, John W. (See Kenney, F. B., and Sidebottom.)
Sides, Charles E., Lexington, N. C. Gasoline dispenser. 1,451,592; Apr. 10.
Sides, Henry W., Dayton, Ohio. Weighing and counting scale. 1,445,131; Feb. 20.
Sides, Wilson W., Lowell, and E. F. Preston, assignors to J. W. Patterson, trustee, Kearney, Nebr. Hydraulic clutch. 1,474,007; Nov. 13.
Sieben, George S., Oak Bluffs, Mass. Saw frame or holder. 1,471,214; Oct. 16.
Sieben, Henry, assignor of one-half to L. E. Koehler, Kansas City, Mo. Evaporator. 1,446,994; Feb. 27.
Siebenlist, Anthony G., Alois, Wis. Thermostat for ovens. 1,476,377; Dec. 4.
Sieber, Gottwalt, Plauen, Germany. Embroidery machine. 1,460,612; July 3.
Sieber Products Mfg. Co. (See Rubin, Adolph, assignor.)
Siebert, Werner, Laufenburg, assignor to Nitrum Aktiengesellschaft, Zurich, Switzerland. Obtaining nitric acid by means of the electric arc in a closed cycle. 1,462,052; July 17.
Siebert, Werner, Laufenburg, Aargau, assignor to Nitrum Aktiengesellschaft, Zurich, Switzerland. Producing nitric acid by means of the electric arc. 1,462,987; July 24.
Siebert, Werner, Laufenburg, Aargau, Switzerland, assignor to Nitrum Aktiengesellschaft, Zurich, Switzerland. Obtaining nitrite from nitrous fumes produced in electric-arc furnaces. 1,471,711; Oct. 23.
Siebert, Werner, Laufenburg, Aargau, assignor to Nitrum Aktiengesellschaft, Zurich, Switzerland. Obtaining pure nitric acid from nitrous gases. 1,472,343; Oct. 30.
Siebert, Werner, Laufenburg, Aargau, assignor to Nitrum Aktiengesellschaft, Zurich, Switzerland. Concentrating aqueous nitric acid by means of sulphuric acid. 1,474,647; Nov. 20.
Siebs, Claude T. (See McNair, George H. S. and H. N. D., and Siebs.)
Sieck & Drucker, Inc. (See Sieck, William, jr., assignor.)
Sieck, William, jr., assignor to Sieck & Drucker, Inc., Chicago, Ill. Apparatus for treating liquids or solids with gases. 1,470,887; Oct. 16.
Siedentopf, Henry, assignor to the Firm of Carl Zeiss, Jena, Germany. Tube extension for microscopes. 1,470,770; Oct. 16.
Siedersleben, W., & Co. (See Erhardt, Ludwig, assignor.)
Siedhoff, George H., Wichita, Kans. Valet door. 1,472,251; Oct. 30.
Siegel, Abram, Rochester, N. Y. Wall construction. 1,467,340; Sept. 11.
Siegel, Ernest, assignor to The Axle Lock Corporation, New York, N. Y. Vehicle lock. 1,445,456; Feb. 13.
Siegel, Ernest, New York, N. Y., assignor to Axle Lock Corporation. Locking device. 1,452,938; Apr. 24.
Siegel, Jacob, Chicago, Ill. Automobile curtain. Des. 62,557; June 19.
Siegel, Joseph, assignor to American Lady Corset Company, Detroit, Mich. Method and means for attaching fastener tapes to garments. 1,475,604; Nov. 27.
Siegel, Leo B. (See Gottlieb, D., and Siegel.)
Sieger, Henry N., Slatington, Pa. Snow guard and fender. 1,463,065; July 24.
Sieger, Philip C., Brooklyn, assignor to The Butterick Publishing Company, New York, N. Y. Cutting guide for dressmakers' patterns. 1,443,151; Jan. 23.
Siegfried, Clarence S., et al. (See Hachmann, Frederick, assignor.)
Siegfried, Robert, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Resilient coupling. 1,460,181; June 26.
Siemens & Halske Aktiengesellschaft. (See Böhme, Kurt, assignor.)
Siemens & Halske Aktiengesellschaft. (See Kaminski, Paul, assignor.)
Siemens & Halske Aktiengesellschaft. (See Kath, Willy, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Keinath, George, assignor.
Siemens & Halske Aktiengesellschaft. (See Mansel, Paul, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Rellstab, Ludwig, assignor.)
Siemens & Halske Aktiengesellschaft. (See Riegger, Hans, assignor.)
Siemens-Schuckert Werke G. m. b. H. (See Türk, O., and Kozisek, assignors.)
Siemens-Schuckertwerke Gesellschaft mit beschränkter Haftung. (See Altenkirch, Edmund, assignor.)
Siemens-Schuckertwerke Gesellschaft mit beschränkter Haftung. (See Deutschmann, Peter P., assignor.)
Siemens-Schuckertwerke Gesellschaft mit beschränkter Haftung. (See Rüdenberg, Reinhold, assignor.)
Siemens-Schuckertwerke Gesellschaft mit beschränkter Haftung. (See Rüdenberg, R., and Finckbein, assignors.)
Siemens-Schuckertwerke Gesellschaft mit beschrankter Haftung. (See Thallmayer, Ludwig, assignor.)
Siemens-Shuckertwerke Gesellschaft mit beschränkter Haftung. (See Zederbohm, Willy, assignor.)
Siemers, Charles W., Cedar Point, Ill. Push rake. 1,463,928; Aug. 7.
Sieper, Conrad, Krawinkelerbrucke, Germany. Hammering machine. 1,450,895; Apr. 3.
Sieroslawski, Anthony S. (See Sieroslawski, John J., assignor.)
Sieroslawski, John J., Hazleton, assignor of one-half to A. S. Sieroslawski, McAdoo, Pa. Nut lock. 1,440,938; Jan. 2.
Siesel-Spill Manufacturing Co., The. (See Spill, Frank, assignor.)
Sieurin, Paul W., Gottenborg, Sweden, assignor to Gesellschaft für Schiffsausrüstung und Davitbau, Hamburg, Germany. Safety arrangement for launching lifeboats from vessels. 1,468,038; Sept. 18.

Alphabetical list of patentees—Continued.

Sieurin, Sven E., Hoganas, assignor to Höganäs Billesholms Aktiebolag, Helsinborg, Sweden. Manufacture of carbon electrodes. 1,456,495; May 22.
Sievern, Frederick, McKeesport, Pa. Well-capping device. 1,476,110; Dec. 4.
Sievers, William O., Newell, Iowa. Device for conducting surface water to drain tiles. 1,457,637; June 5.
Sievert, Christ, Calio, N. Dak. Quack-grass digger. 1,470,393; Oct. 9.
Sievert, Paul E., Watertown, Wis. Rack for drying seed corn. 1,461,946; July 17.
Sieweck, Carl A., assignor to Remington Accounting Machine Corporation, New York, N. Y. Calculating machine. 1,466,488; Aug. 28.
Sieweck, Carl A., assignor to Remington Accounting Machine Corporation, New York, N. Y. Calculating machine. 1,469,488; Oct. 2.
Sifford, William N. (See Pue, W. A., and Sifford.)
Sigler, Charles B., Knightstown, Ind. Game board. Des. 61,756; Jan. 2.
Siglin, Bert R., Aurelia, Iowa. Hog ringing and loading chute. 1,458,996; June 19.
Sigman, Meyer, Cleveland, Ohio. Rain-water-pipe trap. 1,471,215; Oct. 16.
Signal Electric Mfg. Co. (See Fussner, George, assignor.)
Signal Engineering and Manufacturing Company. (See Rholand, Curt J., assignor.)
Signal Engineering and Manufacturing Company. (See Wheelock, John H., assignor.)
Signal Gesellschaft m. b. H. (See Hahnemann, Walter, assignor.)
Signal Gesellschaft m. b. H. (See Rudolph, Wilhelm, assignor.)
Signal Gesellschaft mit beschrankter Haftung. (See Hahnemann, W., and Rudolph, assignors.)
Signode System, Inc. (See Boyd, Stanley M., assignor.)
Signode System, Inc. (See Guenther, Arthur G. G., assignor.)
Signode System, Inc. (See Leslie, John W., assignor.)
Signode System, Inc. (See Treat, Sidney W., assignor.)
Sigrist, John J. (See Cooper, J. C., and Sigrist.)
Sigwalt, Clarence R., Chicago, Ill. Spring oiler. 1,452,852; Apr. 24.
Siio, Hitosi, Nisikasugai Gun, Japan. Synchronous dynamo-electric machine. 1,470,939; Oct. 16.
Sikes, James M., and C. Elmore, Durham, N. C., said Elmore assignor to said Sikes. Supply valve for flush tanks. 1,477,916; Dec. 18.
Sikorovsky, Frank J., Chicago, Ill. Combination mandrel and gauge. 1,455,973; May 22.
Silander, Arthur E., Berlin, Germany. Brush-making machine. 1,457,398; June 5.
Silander, Arthur E., Berlin, Germany. Brush-making machine. 1,469,449; Oct. 2.
Silberfeld, Hélène, New York, N. Y. Doll. Des. 62,345; May 8.
Silberhartz, Jacob and N. Abzug, New York, N. Y. Gas fixture with detachable shade. 1,469,539; Oct. 2.
Silberman, Charles F., Maywood, Ill. Doorcheck. 1,464,448; Aug. 7.
Silbermann, Kellmann, La Chaux-de-Fonds, Switzerland. Driving mechanism for clocks and the like. 1,461,739; July 17.
Silberstein, J. M., et al. (See Owen, James E., assignor.)
Silent Motor Corporation, The. (See Wilkinson, E. E., and Aronson, assignors.)
Sileo, Frank A., New York, N. Y. Cigarette humidor. Des. 62,346; May 8.
Silica Syndicate Limited, The. (See Reynolds, Frederick, assignor.)
Silkworth, Amos W., Port Jefferson, N. Y. Hen's nest. 1,441,182; Jan. 2.
Sill, Caroline A., Oklahoma, Okla. Water-supply system for dwellings and the like. 1,460,613; July 3.
Sill Stove Works. (See Reck, Maurus C., assignor.)
Sillière, Paul E., assignor to Garner Print Works & Bleachery, New York, N. Y. Piece goods. Des. 62,069; Mar. 13.
Silliman, William M., Syracuse, N. Y. Lining for conduit outlet boxes. 1,450,310; Apr. 3.
Silva, Blas C., Ponce, P. R. Code. 1,445,605; Feb. 13.
Silvene, Antony, and L. B. Stedman, Victoria, British Columbia, Canada. Air-brake triple valve. 1,454,456; May 8.
Silver, Albert, Tonopah, Nev., assignor to The Merrill Company. Treating ores. 1,461,807; July 17.
Silver, Albert E., Fairhaven, Mass. Wrench. 1,441,183; Jan. 2.
Silver, Emmor W., assignor to The Silver Manufacturing Company, Salem, Ohio. Ensilage cutter. 1,461,764; July 17.
Silver, Henry, Herkimer, N. Y. Table pad. 1,458,731; June 12.
Silver Manufacturing Company, The. (See Silver, Emmor W., assignor.)
Silver, Samuel. (See Kimmig, E., and Silver.)
Silver, Walter H., assignor to Deere & Company, Moline, Ill. Wheel plow. 1,463,376; July 31.
Silverman, Alexander, Pittsburgh, Pa. Illuminator for optical instruments. 1,444,400; Feb. 6.
Silverman, Simon, et al. (See Richards, Thomas E., assignor.)
Silverstein, Aaron, New York, N. Y. Garment. 1,464,449; Aug. 7.
Silverthorn, Rufus P., Marion, Ohio. Toy. 1,443,284; Jan. 23.
Silverthorn, Rufus P., Marion, Ohio. Amplifier. 1,461,685; July 10.
Silvester, John C., Philadelphia, Pa. Filtering apparatus. 1,469,026; Sept. 25.
Silvestri, Giulio, Trieste, Italy. Process and means for the stepwise variation of the output of multicylinder plunger pumps. 1,468,176; Sept. 18.
Silvestri, Giulio, Rodaun, near Vienna, Austria. Connection for connecting rods of reciprocatory engines acting on a common crank. 1,469,827; Oct. 9.
Silvius, Earl J., Salem, N. H. Revoluble buffer. 1,467,456; Sept. 11.
Simbol, Harry, assignor of one-third to J. G. Barilko, Edmonton, Alberta, Canada. Combination lock. 1,475,033; Nov. 20.
Simenowsky, Louis, Milwaukee, Wis. Necktie device. 1,443,826; Jan. 30.
Simenson, Oscar, Locust, Iowa. Wire stretcher. 1,450,458; Apr. 3.
Simenszky, Andrew, Yukon, W. Va. Safety hatpin. 1,442,497; Jan. 16.
Simes, Montague E., Bendigo, Victoria, Australia. Inner tube for pneumatic tires. 1,476,111; Dec. 4.
Simic, Edouard. (See Rohner, E., and Simic.)
Simkins, Guy E. (See Pond, S. L., and Simkins.)
Simler, James B., assignor to The Bruce Macbeth Engine Company, Cleveland, Ohio. Cooling device for internal-combustion engines. 1,457,005; May 29.
Simmchen, Wilhelm, Aussig-Kleische-on-the-Elbe, Czechoslovakia. Letting-off mechanism for looms. 1,469,701; Oct. 2.
Simmen, Paul J., Buffalo, N. Y. Automatic speed control for railways. 1,440,415; Jan. 2.
Simmen, Paul J., Buffalo, N. Y. Car safety device. 1,440,416; Jan. 2.
Simmen, Paul J., Buffalo, N. Y. Automatic train control. 1,440,417; Jan. 2.
Simmen, Paul J., Buffalo, N. Y. Automatic train control. Re. 15,541; Feb. 13.
Simmen, Paul J., Eden, N. Y. Track hazard indicator. Re15,561; Mar. 13.
Simmen, Paul J., Eden, N. Y. Speed-control system for vehicles. 1,448,466; Mar. 13.
Simmen, Paul J., Buffalo, N. Y. Automatic train control. 1,460,449; July 3.
Simmen, Paul J., Buffalo, N. Y. Automatic speed control for railways. 1,464,141; Aug. 7.
Simmen, Paul J., Eden, N. Y. Track hazard indicator. Re15,732; Dec. 11.
Simmon, Karl A., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. System of control. 1,440,499; Jan. 2.
Simmon, Karl A., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control apparatus. 1,444,984; Feb. 13.
Simmon, Karl A., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Piston packing. 1,460,182; June 26.
Simmon, Karl A., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control apparatus. 1,470,771; Oct. 16.
Simmon, Karl A., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Car-heating system. 1,472,143; Oct. 30.
Simmon, Karl A., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrical system. 1,477,455; Dec. 11.
Simmon, Karl A., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrical system and apparatus. 1,477,456; Dec. 11.
Simmon, Karl A., Edgewood Park, and H. R. Meyer, Wilkinsburg, Pa., assignors to Westinghouse Electric & Manufacturing Company. System for control. 1,440,500; Jan. 2.
Simmons, A. E., et al. (See McAllister, Frederick J., assignor.)
Simmons, Albert E., Eureka, Calif. Refill cartridge for lubricant guns. 1,444,483; Feb. 6.
Simmons, Alfred K., assignor of thirty-five one-hundredths to G. N. Boosalis and fifteen one-hundredths to L. A. Smith, Faribault, Minn. Tire. Des. 62,422; May 22.
Simmons, Alfred K., assignor of thirty-five one-hundredths to G. N. Boosalis and fifteen one-hundredths to L. A. Smith, Faribault, Minn. Tire. Des. 62,423; May 22.
Simmons, Alfred K., assignor of thirty-five one-hundredths to G. N. Boosalis and fifteen one-hundredths to L. A. Smith, Faribault, Minn. Tire. Des. 62,853; Aug. 7.
Simmons, Alfred K., assignor of thirty-five one-hundredths to G. N. Boosalis and fifteen one-hundredths to L. A. Smith, Faribault, Minn. Tire. Des. 62,854; Aug. 7.
Simmons, Alfred K., assignor of thirty-five one-hundredths to G. N. Boosalis and fifteen one-hundredths to L. A. Smith, Faribault, Minn. Tire. Des. 62,855; Aug. 7.
Simmons, Alfred K., assignor of thirty-five one-hundredths to G. N. Boosalis and fifteen one-hundredths to L. A. Smith, Faribault, Minn. Tire. Des. 62,856; Aug. 7.
Simmons, Charles, Toronto, Ontario, Canada. Sign. 1,449,787; Mar. 27.
Simmons Company. (See Gail, John F., assignor.)

Simmons Company. (See Gail, J. F., and Busch, assignors.)
Simmons Company. (See Kusterle, Frank, assignor.)
Simmons Company. (See Rorimer, Louis, assignor.)
Simmons Company. (See Stuart, Charles A., assignor.)
Simmons Company. (See Williams, George H., assignor.)
Simmons, David W., Erick, Okla. Animal poke. 1,441,127; Jan. 2.
Simmons, Elizabeth, St. Louis, Mo. Combined lamp and book end. Des. 62,870; Aug. 14.
Simmons, Ephriam W., Corinth, Miss. Lawn mower. 1,459,998; June 26.
Simmons Hardware Company. (See Black, John S., assignor.)
Simmons Hardware Company. (See Hawkins, Archie W., assignor.)
Simmons, Harry, Spokane, Wash. Shield. Re15,667; July 31.
Simmons, Harry C. (See Heffler, Philip, assignor.)
Simmons, John P., San Francisco, Calif. Valve-grinding machine. 1,455,176; May 15.
Simmons, John W. (See Guthrie, J., and Simmons.)
Simmons, Joseph, New York, N. Y. Ring. Des. 62,922; Aug. 21.
Simmons, Lee H., Goldsboro, N. C., assignor, by mesne assignments, to The Simmons Manufacturing Company, Wilmington, N. C. Hand-stoker dump grate. 1,440,939; Jan. 2.
Simmons, Leo, Washington, D. C. Apparatus for applying liquids. 1,473,979; Nov. 13.
Simmons Manufacturing Company, The. (See Guthrie, J., and Simmons, assignors.)
Simmons Manufacturing Company, The. (See Simmons, Lee H., assignor.)
Simmons, Parker T. (See Rhodes, R. I., and Simmons.)
Simmons, Paul R., Huntington, assignor to Peerless Paper Products Company, Indianapolis, Ind. Apparatus for and method of manufacturing paper dishes. 1,473,387; Nov. 6.
Simmons, Ralph C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-building machine. 1,459,753; June 26.
Simmons, Ralph C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Cutting machine. 1,463,229; July 31.
Simmons, Ralph C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Blank-sorting machine. 1,465,369; Aug. 21.
Simmons, Robert P., Cleveland, Ohio. Sheet-metal radius rod. 1,459,519; June 19.
Simmons, Samuel J., Boston, Mass. Cigar cutter. 1,465,771; Aug. 21.
Simmons, Willis L. (See Smith, P. S., Forbes, and Simmons.)
Simokaitis, Joseph, Dover, Me. Snap button. 1,477,289; Dec. 11.
Simon, Arthur. (See Meyer, F. W., and Simon.)
Simon, Benjamin A. (See Stuart, Thomas E., assignor.)
Simon, Dezsö, and A. Gottlieb, New York, N. Y. Hoof-protecting horseshoe. 1,452,317; Apr. 17.
Simon, Emil J. (See Lesh, Lawrence J., assignor.)
Simon, Frederick, Woodmere, N. Y. Safety razor. 1,442,451; Jan. 16.
Simon, Friedrich W., Oberursel, near Frankfort-on-the-Main, Germany. Leather beveling and splitting machine. 1,472,094; Oct. 30.
Simon, Harry, New York, N. Y., assignor to Sitroux Importing Company, Inc. Receptacle. 1,463,296; July 31.
Simon, Henry, Santa Ana, Calif. Magazine screw driver and operating same. 1,441,950; Jan. 9.
Simon, Henry, Santa Ana, Calif. Magazine screw driver. 1,442,181; Jan. 16.
Simon, Herman F., Fitchburg, assignor to Parks-Cramer Company, Boston, Mass. Vaporizing apparatus. 1,476,773; Dec. 11.
Simon, Herman F., Fitchburg, assignor to Parks-Cramer Company, Boston, Mass. Vaporizer. 1,476,774; Dec. 11.
Simon, Leo, assignor to H. L. Greenbaum, New York, N. Y. Paste for etching glass. 1,470,772; Oct. 16.
Simon, Leopold, New York, N. Y. Window screen. 1,447,189; Mar. 6.
Simon, Lewis, Gary, Ind. Extension body for automobiles. 1,452,394; Apr. 17.
Simon, Maurice, St. Louis, Mo. Electrical heating unit. 1,477,602; Dec. 18.
Simon, Peter, Binghamton, N. Y. Cooking utensil. 1,445,457; Feb. 13.
Simon, Richard W., Omaha, Nebr. Dandelion picker. Des. 62,929; Aug. 21.
Simon, Selig, St. Louis, Mo. Chest splint. 1,462,583; July 24.
Simonds Saw and Steel Company. (See Buckley, Daniel P., assignor.)
Simone, Benedetto P., Providence, R. I. Razor-blade sharpener. 1,457,399; June 5.
Simone, Frank, New York, N. Y. Ticket-delivering machine. 1,447,735; Mar. 6.
Simone, James, Southington, Conn. Spoon or fork holder. 1,472,995; Nov. 6.
Simonich, Louis, L'Anse, Mich. Collapsible stepladder. 1,463,023; July 24.
Simons, Andrew. (See Fosheim, A., and Simons.)
Simons, Frank E., Los Angeles, Calif. Orchard heater. 1,469,540; Oct. 2.
Simons, John T., H. D. Elliott, and T. P. Stoney, Charleston, S. C. Automobile storm curtain. 1,478,619; Dec. 25.
Simons, Orval G., Weldon, Tex. Automobile spindle mounting. 1,471,575; Oct. 23.
Simons, Philip, Pewamo, Mich. Harrow or drag tooth. 1,469,115; Sept. 25.
Simons, Sidney G. (See Grimes, Thaddeus S., assignor.)
Simonson, B. Hustace, New York, N. Y. Building construction. 1,464,189; Aug. 7.
Simonson, Elmer L., Homestead, Pa. Gear control. 1,473,128; Nov. 6.
Simonsville Manufacturing Company, The. (See Snagg, Cornelius N., assignor.)
Simonton, Frank H., assignor of thirty-eight and one-half per cent to A. A. Smith and twenty-five per cent to J. E. Ferdinand, jr., New York, N. Y. Coffee brewing apparatus. Re15,707; Oct. 30.
Simonye, Frank, New York, N. Y. Washing machine. 1,450,393; Apr. 3.
Simper, Frank. (See Ellis, R. H., and Simper.)
Simpkins, Louis D., Brooklyn, assignor to National Lead Company, New York, N. Y. Electro-deposition of tin. 1,452,573; Apr. 24.
Simplex Ignition Corporation. (See Rosner, Rudolph, assignor.)
Simplex Manufacturing Company. (See Sanderson, William, assignor.)
Simplex Metal Spinning & Stamping Co. (See Altamura, Pasquale, assignor.)
Simplex Paper Accessories Co. (See La Veck, Louis, assignor.)
Simplex Player Action Company. (See Brown, Theodore P., assignor.)
Simplex Reboring Machine Company. (See Perry, Antone, assignor.)
Simplex Steel Stamping & Manufacturing Company. (See Griesemer, Adam, assignor.)
Simplex Train Control Company. (See Ruthven, Alfred L., assignor.)
Simplo Füllfeder Gesellschaft Voss, Lausen & Dziambor. (See Sühlsen, Hugo E. T., assignor.)
Simpson, Albert E., Bury, England. Drill. 1,471,866; Oct. 23.
Simpson, Alfred B., North Vernon, Ind. Burglar alarm. 1,461,294; July 10.
Simpson, Arthur M. (See Simpson, George N. and A. M.)
Simpson, Bryant, Washington, D. C. Tailor's measure. 1,465,875; Aug. 21.
Simpson, Edith M., and J. H. Buckles, Nighthawk, Wash. Tire-repair device. 1,451,121; Apr. 10.
Simpson, Edward J., New York, N. Y. Carburetor. 1,477,012 Dec. 11.
Simpson, Emory G., assignor to Fisher Body Corporation, Detroit, Mich. Door lock. 1,458,597; June 12.
Simpson, Emory G., assignor to Fisher Body Corporation, Detroit, Mich. Removable window guide. 1,463,444; July 31.
Simpson, Emory G., assignor to Fisher Body Corporation, Detroit, Mich. Detachable armrest. 1,475,414; Nov. 27.
Simpson, George, Richmond, and J. R. Gordon, assignors to Simpson-Gordon Patents Inc., New York, N. Y. Bilge tunnel for ships. 1,442,982; Jan. 23.
Simpson, George N., assignor to Wood Equipment Company, Chicago, Ill. Car-unloading apparatus. 1,465,005; Aug. 14.
Simpson, George N. and A. M., Chicago, Ill. Car-holding mechanism. 1,465,006; Aug. 14.
Simpson-Gordon Patents, Inc. (See Simpson, G., and Gordon, assignors.)
Simpson, Jacob, New York, N. Y. Enemy bearing and range indicator. 1,478,585; Dec. 25.
Simpson, James, Glasgow, and R. P. McClure, Ardrossan, Scotland. Fruit press. 1,469,114; Sept. 25.
Simpson, James E., Tulsa, Okla. Radiator cap. Des. 63,500 Dec. 11.
Simpson, James E., Brooklyn, N. Y. Nontwisting device for telephone and other cords. 1,478,069; Dec. 18.
Simpson, James L., Waterloo, Iowa. Fish string. 1,475,891; Nov. 27.
Simpson, John T., Newark, N. J. Reenforced-concrete vessel. 1,457,006; May 29.
Simpson, Louis, Ottawa, Ontario, Canada. Retort. 1,441,380; Jan. 9.
Simpson, Louis H., assignor to Potter Drug & Chemical Corporation, Malden, Mass. Machine for cutting soap or other plastic material. 1,469,852; Oct. 9.
Simpson, Ray, Oak Park, assignor to Jewell Electrical Instrument Company, Chicago, Ill. Electrolyte-level indicator. 1,464,510; Aug. 14.
Simpson, Robert D. (See Foster, C. J., and Simpson.)
Simpson, Robert D. (See Leonhardt, George F., assignor.)
Simpson, Robert E., Taft, Calif. Wide-expansion underreamer. 1,468,980; Sept. 25.
Simpson, Stanley H., Winnetka, Ill. Memorandum book. 1,448,875; Mar. 20.
Simpson, William E. (See Bee, W. E., and Simpson.)
Simpson, William E., Detroit, Mich. Hoist. 1,461,052; July 10.

Alphabetical list of patentees—Continued.

Simpson, William M., Hastings, England. Oil cooking stove. 1,463,976; Aug. 7.
Simpson, William T., Wagoner, Okla. Loading apparatus for gasoline tank cars. 1,474,297; Nov. 13.
Sims, Carl E., Abilene, Tex. Douche. 1,448,158; Mar. 13.
Sims Company, The. (See Sims, George A., assignor.)
Sims, George A., assignor to The Sims Company, Erie, Pa. Reversible heating or cooling apparatus. 1,469,193; Sept. 25.
Sims, Jacob, Brooklyn, N. Y. Hand bag. Des. 62,424; May 22.
Sims, Jacob, Brooklyn, N. Y. Hand bag. Des. 62,436; May 29.
Sims, Jesse C., Maynard, Mass. Signaling mechanism. 1,453,195; Apr. 24.
Sims, Joseph S., Idaho Falls, Idaho. Brake and clutch lock. 1,456,579; May 29.
Sims, Lige S. (See Pillsbury, C. S., and Sims.)
Sims, Mirabeau, Philadelphia, Pa. Translating material. 1,465,567; Aug. 21.
Simson, Max, New York, N. Y. Manufacturing rings. 1,477,457; Dec. 11.
Simson, Max, New York, N. Y. Manufacturing finger rings and ring findings. 1,477,458; Dec. 11.
Sincell, James A. (See Hopke, W. T., and Sincell.)
Sincell, James A., Grafton, W. Va. Antiskid chain. 1,458,107; June 5.
Sinclair, Daniel, New York, N. Y. Extension pedal pad for automobiles and similar motor-driven vehicles. 1,455,675; May 15.
Sinclair Hair Curler Company. (See Sinclair, Paul, assignor.)
Sinclair, Ida B., Bass Point, Mass. Abdominal supporter. 1,447,904; Mar. 6.
Sinclair, Margaret A., Devonport, Auckland, New Zealand. Game. 1,472,311; Oct. 30.
Sinclair, Neil, assignor to Rip Van Winkle Wall Bed Co., Oakland, Calif. Automatic locking device for wall-bed footpieces. 1,454,523; May 8.
Sinclair, Paul, assignor to Sinclair Hair Curler Company, Williamsport, Pa. Hair curler. 1,457,191; May 29.
Sinclair, Peter D., Marion, N. C. Vehicle transmission gear. 1,463,728; July 31.
Sindicato Argentino para la Explotación de Inventos. (See Marchetti, Pericles, assignor.)
Sinding-Larsen, Alf., Vestre Aker, near Christiania, assignor to A/S Telocle, Christiania, Norway. Picture transmission. 1,473,882; Nov. 13.
Sindler, Max J., and J. Schloss, Baltimore, Md. Safety attachment for gas stoves. 1,442,008; Jan. 9.
Sine, Boyd, Romney, W. Va. Valve-grinder attachment. 1,475,148; Nov. 20.
Sinel, Joseph. (See Cossitt, H. R., and Sinel.)
Sines, Harold S., assignor, by mesne assignments, to Minerallac Electric Company, Chicago, Ill. Temperature-compensating appliance. 1,446,995; Feb. 27.
Singer, John B., assignor of one-half to J. W. Scott, Waynoka, Okla. Combination wrench and pliers. 1,472,312; Oct. 30.
Singer, Joseph B., Brooklyn, and A. B. Levy, New York, N. Y. Display container and advertising in connection therewith. 1,452,257; Apr. 17.
Singer, Louis M., Toronto, Ontario, Canada. Supporting device for automobile bumpers. 1,476,311; Dec. 4.
Singer Manufacturing Company, The. (See Allen, Edward B., asignor.)
Singer Manufacturing Company, The. (See Corrall, Herbert, assignor.)
Singer Manufacturing Company, The. (See De Voe, Albert H., assignor.)
Singer Manufacturing Company, The. (See Drake, John J., assignor.)
Singer Manufacturing Company, The. (See Eames, G. M., and Ringe, assignors.)
Singer Manufacturing Company, The. (See Fifield, Albert F., assignor.)
Singer Manufacturing Company, The. (See Finch, John S., assignor.)
Singer Manufacturing Company, The. (See Fletcher, Henry O., assignor.)
Singer Manufacturing Company, The. (See Gatchell, George S., assignor.)
Singer Manufacturing Company, The. (See Gray, Charles F, assignor.)
Singer Manufacturing Company, The. (See Grieb, Alfred, assignor.)
Singer Manufacturing Company, The. (See Hemleb, Martin, assignor.)
Singer Manufacturing Company, The. (See Hleb, Peter, assignor.)
Singer Manufacturing Company, The. (See Kopf, Emil A., assignor.)
Singer Manufacturing Company, The. (See Reed, James H., assignor.)
Singer Manufacturing Company, The. (See Ringe, John C., assignor.)
Singer Manufacturing Company, The. (See Ringe, J. C., and Nissen, assignors.)
Singer Manufacturing Company, The. (See Webb, Irving F., assignor.)
Singer Manufacturing Company, The. (See Winkelmann, Charles, assignor.)
Singer Sewing Machine Company, The. (See Herr, Park A., assignor.)
Singewald, Max, Zuckelhausen, near Leipzig, Germany. Manufacturing boxes of sheet metal. 1,440,561; Jan. 2.
Singmaster, James A., and F. G. Breyer, Palmerton, Pa., assignors to New Jersey Zinc Company, New York, N. Y. Production of zinc oxide. 1,450,704; Apr. 3.
Sink, William F., and G. W. Chaney, Lexington, N. C. Checkstrap holder for looms. 1,476,427; Dec. 4.
Sinko, John A. (See Lippert, A. C., and Sinko.)
Sinkula, Francis J., and H. H. Kowitz, Pembine, Wis. Hand rest for fishing reels. 1,469,649; Oct. 2.
Sinnett, Peter E., Buffalo, N. Y. Building material and making the same. 1,443,097; Jan. 23.
Sipe, John F., New York, N. Y. Elastic tire and making same. 1,452,099; Apr. 17.
Sipe, John F., New York, N. Y. Solid elastic tire for road vehicles. 1,455,361; May 15.
Siple, Charles, assignor to The Goss Printing Press Company, Chicago, Ill. Matrix-rolling machine. 1,473,053; Nov. 6.
Siptroth, Erwin F., Easton, Pa. Coaling device. 1,457,400; June 5.
Sirch, Charles, New York, N. Y. Pendulum scale. 1,447,269; Mar. 6.
Sirot, Harry. (See Sirot, Hyman and H.)
Sirot, Harry, New York, N. Y. Draftsman's parallel-line instrument. 1,445,180; Feb. 13.
Sirot, Harry, New York, and H. Sirot, Brooklyn, N. Y. Collar button. 1,453,809; May 1.
Sirot, Hyman. (See Sirot, Harry and H.)
Sirot, Hyman and H., New York, N. Y. Instantaneous hot-water heater. 1,462,988; July 24.
Sisbower, George F., Bayside, and L. E. Pittoni, New York, assignors to Manhattan-Rome Company, Branch of Rome Metallic Bedstead Co., Long Island City, N. Y. Couch hammock. 1,461,740; July 17.
Sischo, Kittie F., Santa Monica, Calif. Doll. Des. 62,923; Aug. 21.
Sisk, Ira E., East St. Louis, Ill. Spare-tire holder. 1,464,371; Aug. 7.
Sisler, Charles O. (See Cooper, R. E., and Sisler.)
Sisley, Edouard P., Lyon, assignor to Societe Chimique des Usines du Rhone, Paris, France. Dyeing cellulose acetate. 1,440,501; Jan. 2.
Sisley, Eugene M., Huntington, Oreg. Demountable rim. 1,477,290; Dec. 11.
Sisson, Vinton E., Chicago, Ill., assignor to W. P. Murphy, New York, N. Y. Railway car. 1,440,636; Jan. 2.
Sisson, Vinton E., assignor to W. P. Murphy, Chicago, Ill. Railway car. 1,440,637; Jan. 2.
Sisson, Vinton E., assignor to W. P. Murphy, Chicago, Ill. Corrugated-metal end for freight cars. 1,450,233; Apr. 3.
Sisson, Vinton E., assignor to W. P. Murphy, Chicago, Ill. Operating device for car couplers. 1,474,796; Nov. 20.
Sisson, Vinton E., assignor to Union Metal Products Company, Chicago, Ill. Railway-car end wall. 1,440,638; Jan. 2.
Sisti, Salvatore L., Chicago, Ill. Resilient wheel. 1,446,939; Feb. 27.
Sitroux Importing Company. (See Simon, Harry, assignor.)
Sitter, Paul J., Oshkosh, Wis. Combination pipe and cigarette holder. 1,469,276; Oct. 2.
Sitter, Paul J., Oshkosh, Wis. Combination cigar and cigarette holder. 1,469,277; Oct. 2.
Sitter, Paul J., Oshkosh, Wis. Advertising attachment for cigar and cigarette holders. 1,469,278; Oct. 2.
Sittig, Emil. (See Granichstadten, A., and Sittig.)
Sittig, Lewis P., River Forest, Ill. Child's garden. 1,471,530; Oct. 23.
Sittler, John C. A., Chicago, Ill. Bottle filler. 1,444,854; Feb. 13.
Sitzman, Charles E., Taft, Calif. Rod elevator. 1,452,127; Apr. 17.
Sivley, Joseph W., Trinity, Ala. Cultivator fender. 1,453,891; May 1.
Sizaire, Maurice H. L., London, England. Automobile. 1,445,181; Feb. 13.
Sizemore, James B., Canebrake, W. Va. Shovel. 1,449,702; Mar. 27.
Sizer, Albert W., Hessle, England. Machine for compressing or molding plastic substances. 1,467,883; Sept. 11.
Sjolin, Ernest, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Electric toaster. 1,465,007; Aug. 14.
Sjoman, Carl, Ramsay, Mich. Self-cleaning currycomb. 1,447,692; Mar. 6.
Skaar, Ole, Akron, Ohio. Box opener. 1,451,593; Apr. 10.
Skaer, Arthur H., T. E. Barker, and O. E. Clark, assignors to The Denver Rock Drill Manufacturing Company, Denver, Colo. Reversible drums. 1,458,554; June 12.
Skaggs, James A., Canton, Ohio. Foot rest and chain kit. 1,467,884; Sept. 11.
Skarstad, Carl, Whalan, Minn. Barrel stand. 1,449,131; Mar. 20.
Skayef Ball Bearing Company, The. (See Benson, Carl N., assignor.)

Skayef Ball Bearing Company. (See Hanson, Bengt M. W., assignor)
Skayef Ball Bearing Company, The. (See Wikander, Oscar R., assignor.)
Skelly, Bernard H., Bridgeport, Conn., assignor to The Bassick Manufacturing Company, Chicago, Ill. Lubricating system. Re15,675; Aug. 14.
Skelly, Bernard H., Bridgeport, Conn., assignor to Bowen Products Corporation, Auburn, N. Y. Automatic lubricant-supplying magazine. 1,477,459; Dec. 11.
Skelton, David P., Chattanooga, Tenn. Cotton file. 1,457,638; June 5.
Skelton, John W., Douglas, Ariz. Flytrap. 1,446,940; Feb. 27.
Skeppstedt, Axel B., and E. Haddon; said Haddon assignor to F. Littrell, Chicago, Ill. Pasting machine. 1,458,447; June 12.
Skerne Works Limited, The, et al. (See Garside, Edmund, assignor.)
Skidd, Charles. (See Hippenmeyer, I. R., and Skidd.)
Skidmore, Benjamin, jr., Chicago, Ill. Fluid-displacing apparatus. 1,441,036; Jan. 2.
Skidmore, Benjamin, jr., Chicago, Ill. Condenser and vacuum pump. 1,456,195; May 22.
Skiles, William C., Jackson, Mich. Cushion grip for steering wheels. 1,472,689; Oct. 30.
Skilling, John M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Progressive nitrocellulose powder containing nitroguanidine. 1,454,414; May 8.
Skillkrafters Incorporated. (See Shimp, Frederick A., assignor.)
Skinderviken, Johan, assignor of one-half to O. E. Ray, Chicago, Ill. Electric safety system for railways. 1,457,192; May 29.
Skinner, Bronson C., assignor to Skinner Machinery Company, Dunedin, Fla. Drive and trip mechanism for conveyers. 1,474,558; Nov. 20.
Skinner, Burr R., Aberdeen, S. Dak. Means for heating boiler feed water. 1,459,901; June 26.
Skinner, Chame D., New Kensington, Pa. Fare-recording mechanism. 1,472,690; Oct. 30.
Skinner, Henry W., Waukegan, Ill. Pipe hanger. 1,476,473; Dec. 4.
Skinner, Herbert L., Brooklyn, N. Y. Hair curler. 1,476,189; Dec. 4.
Skinner, Iva R., Hazel, N. Y. Hairpin. 1,471,576; Oct. 23.
Skinner, James M. (See Holland, W. E., and Skinner.)
Skinner, Lewis B., Denver, Colo. Furnace apparatus 1,467,509; Sept. 11.
Skinner, Lewis B., Denver, Colo. Rabble apparatus for furnaces. 1,468,216; Sept. 18.
Skinner Machinery Company. (See Hatch, Hugh B., assignor.)
Skinner Machinery Company. (See Maull, Edward N., assignor.)
Skinner Machinery Company. (See McIntyre, Allan H., assignor.)
Skinner Machinery Company. (See Skinner, Bronson C., assignor.)
Skinner, Merrill E., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Ventilating system for reactance coils. 1,466,253; Aug. 28.
Skinner, Thomas. (See Williams, C. J., and Skinner.)
Skinner, Thomas M., jr., Douglas, Wyo. Concentrating evaporator. 1,468,679; Sept. 25.
Skinner, William L., and J. J. King, Thomaston, Ala. Agricultural implement. 1,475,455; Nov. 27.
Skinner, Zebulon S. (See Holmes, Carlton W., assignor.)
Skirrow, Frederick W., and J. Dick, Shawinigan Falls, assignors to Shawinigan Laboratories, Limited, Montreal, Quebec, Canada. Production of diesters from vinyl esters. 1,449,918; Mar. 27.
Sklovsky, Max, assignor to Deere and Company, Moline, Ill. Apparatus for producing gaseous fuel. 1,450,338; Apr. 3.
Skoda, Frank J., assignor to The Bryant Electric Company, Bridgeport, Conn. Electric switch. 1,447,104; Feb. 27.
Skoglund, Albert. (See Bore, J., and Skoglund.)
Skogmark, John. (See Chase, M. F., Pierce, and Skogmark.)
Skorkovsky, Jaroslav, Hradec Kralove, Czechoslovakia. Apparatus for manufacture of concrete tubes. 1,445,724; Feb. 20.
Skow, George. (See Samland, F., and Skow.)
Skublin, Charles P., Chicago, Ill. Lock. 1,445,132; Feb. 20.
Skupién, Antoni, Port Henry, N. Y. Sled. 1,455,032; May 15.
Slack, George L., Boston, Mass. Electrically-operated controlling means for hydraulic elevators. 1,443,388; Jan. 30.
Slack, Thomas W., Fort Worth, Tex. Combined air-pressure release and cover for bottles and the like. 1,468,886; Sept. 25.
Sladden, Sidney C., New York, N. Y. Fluid-propelled tractor. 1,444,889; Feb. 13.
Sladden, Sidney C., New York, N. Y. Hose nozzle. 1,448,876; Mar. 20.
Slade, Budd E., Cozad, Nebr. Straw spreader for harvesting and thrashing machine. 1,462,387; July 17.
Slager, John C. (See Boomershine, Adam, assignor.)
Slaiger, Henry, assignor to D. F. Briggs Company, Attleboro, Mass. Toilet kit. 1,461,501; July 10.
Slama, Lewis, Humboldt, Nebr. Tire-chain tightener and lock. 1,462,249; July 17.
Slaten, Ernest G., Oakland, Calif. Angle-iron-bending machine. 1,448,159; Mar. 13.
Slater, Adelbert T., Bay City, Mich. Bicycle sled. 1,462,889; July 24.
Slater, Albert G., Miles City, Mont. Direction indicator. 1,470,494; Oct. 9.
Slater, Emmett J., assignor to American Blower Company, Detroit, Mich. Fan housing or casing. 1,441,381; Jan. 9.
Slater, Fred M. (See Bayles, L. C., and Slater.)
Slater, Fred M., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Oil and air separator for rotary motors. 1,441,638; Jan. 9.
Slater, Fred M., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Motor rotation for rock drills. 1,455,553; May 15.
Slater, Fred M., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Rotary-cylinder motor. 1,462,874; July 24.
Slater, Fred M., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Antifriction bearing. 1,464,666; Aug. 14.
Slater, Harvey H., Kenosha, Wis. Multiple-filament electric-lamp headlight. 1,455,033; May 15.
Slater, Mabel H., New York, N. Y. Smoking doll. 1,475,034; Nov. 20.
Slater, Robert, Paterson, N. J. Covering for railway ties. 1,451,309; Apr. 10.
Slater, Thomas F., assignor to Scovill Manufacturing Company, Waterbury, Conn. Vanity box. Des. 63,501; Dec. 11.
Slater, Thomas F., assignor to Scovill Manufacturing Company, Waterbury, Conn. Vanity box. Des. 63,502; Dec. 11.
Slater, Thomas F., assignor to Scovill Manufacturing Company, Waterbury, Conn. Vanity box. Des. 63,503; Dec. 11.
Slater, Thomas F., assignor to Scovill Manufacturing Company, Waterbury, Conn. Vanity box. Des. 63,504; Dec. 11.
Slater, Thomas F., assignor to Scovill Manufacturing Company, Waterbury, Mass. Vanity box. Des. 63,505; Dec. 11.
Slater, Thomas F., assignor to Scovill Manufacturing Company, Waterbury, Conn. Vanity box. Des. 63,506; Dec. 11.
Slater, Walter G., Wiley, Colo. Grain-loading-spout regulator. 1,478,921; Dec. 25.
Slatineanu, Eulampiu, Cressy-Onex, near Geneva, Switzerland. Process of and apparatus for separating platinum from platiniferous materials. 1,467,202; Sept. 4.
Slattery, Donald W., East Cleveland, assignor to The Wellman-Seaver-Morgan Company, Cleveland, Ohio. Valve. 1,448,717; Mar. 13.
Slattery, Donald W., East Cleveland, assignor to The Wellman-Seaver-Morgan Company, Cleveland, Ohio. Valve. 1,477,722; Dec. 18.
Slattery, Martin F., and H. McAlonie, Cohoes, N. Y. Flat-bed printing press. 1,462,250; July 17.
Slaughter, James H. (See Cappell, John T., assignor.)
Slauson, Harold W., New York, N. Y. Indicator. 1,456,155; May 22.
Slauson, Harold W., Hartsdale, assignor to Kelly-Springfield Tire Company, New York, N. Y. Graphic display chart. 1,470,652; Oct. 16.
Slauson, Louis E., assignor to Grid-Iron-Grip Company, Rock Island, Ill. Traction wheel. 1,441,303; Jan. 9.
Slauson, Louis E., assignor to Grid-Iron-Grip Company, Rock Island, Ill. Metal wheel. 1,452,661; Apr. 24.
Slauson, Stephen A., assignor of twenty-five one-hundredths to J. H. Brookman and twenty-five one-hundredths to L. O. Hatch, Cedar Rapids, Iowa. Automatic clamp bolt. 1,461,882; July 17.
Slavik, William M., Oak Park, Ill. Mechanic's square. 1,478,800; Dec. 25.
Slawienski, Mike, Camden, N. J. Handle attachment for motor cycles. 1,473,326; Nov. 6.
Slaymaker Electric Welding Company. (See Slaymaker, George D., assignor.)
Slaymaker, George D., assignor to Slaymaker Electric Welding Company, Detroit, Mich. Trolley-wire frog. 1,445,855; Feb. 20.
Slaymaker, George D., Detroit, Mich., assignor to Slaymaker Electric Welding Company. Disk wheel. 1,461,229; July 10.
Slaymaker, William W. (See Burnet, Carter B., assignor.)
Slayter, Russell G., La Fayette, Ind. Oil burner. 1,440,562; Jan. 2
Slee, Arthur L. (See Anthon, John H., assignor.)
Sleen, Otto, Rocky Mountain House, Alberta, Canada. Tree protector. 1,453,810; May 1.
Sleeper, Frank H., assignor to Sleeper & Hartley, Inc., Worcester, Mass. Spring-coiling machine. 1,452,128; Apr. 17.

Sleeper, Frank H., assignor to Sleeper & Hartley, Inc., Worcester, Mass. Winding and cabling machine. 1,458,997; June 19.
Sleeper & Hartley, Inc. (See Blount, Arlington A., assignor.)
Sleeper & Hartley, Inc. (See Sleeper, Frank H., assignor.)
Sleeper, Oliver S., assignor to Buffalo Foundry & Machine Company, Buffalo, N. Y. Mounting for fusion kettles. 1,458,108; June 5.
Sleicher, Charles A., assignor, by mesne assignments, to Troy Foundry and Machine Co. Inc., Troy, N. Y. Pump. 1,464,223; Aug. 7.
Sleight, James W. (See McLaren, William E., assignor.)
Slepian, Joseph, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Method of and apparatus for making fine metallic powders and colloid solutions. 1,440,502; Jan. 2.
Slepian, Joseph, Wilkinsburg, Pa. assignor to Westinghouse Electric & Manufacturing Company. Dynamo-electric machine. 1,446,861; Feb. 27.
Slepian, Joseph, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Noninductive interference system. 1,449,919; Mar. 27.
Slepian, Joseph, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Hot-cathode tube. 1,450,265; Apr. 3.
Slepian, Joseph, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Circuit interrupter. 1,452,574; Apr. 24.
Slepian, Joseph, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Dynamo-electric machine. 1,453,410; May 1.
Slepian, Joseph, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrolytic cell. 1,456,941; May 29.
Slepian, Joseph, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrolytic condenser. 1,473,883; Nov. 13.
Slepian, Joseph, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Wireless receiving system. 1,455,767; May 15.
Slepian, Joseph, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Wireless receiving system. 1,455,768; May 15.
Slesazeck, Paul, Berlin-Reinickendorf, Germany. Expanding device for boiler tubes and the like. 1,473,884; Nov. 13.
Slesenski, Wladislaw, Hamtramck, Mich. Water heater. 1,449,152; Mar. 20.
Sletto, Henry, Atascadero, Calif. Pumpkin-peeling machine. 1,458,998; June 19.
Sletto, Henry, Templeton, Calif. Vegetable and fruit peeling device. 1,469,650; Oct. 2.
Slezak, Vincent, assignor of one-half to N. E. Ford, Chicago, Ill. Bag folding and sealing device. 1,456,836; May 29.
Slider, George, Baltimore, Md. Mechanical movement. 1,452,221; Apr. 17.
Slider, George, Baltimore, Md. Gearing. 1,452,222; Apr. 17.
Slider, George, Baltimore, Md. Clutch mechanism. 1,463,490; July 31.
Slider, George, Baltimore, Md. Cylinder washing machine. 1,470,245; Oct. 9.
Sliding Valves Incorporated. (See Wilson, Wylie G., assignor.)
Slight, George W., Brooklyn, N. Y. Mounting for stylus levers. 1,459,695; June 19.
Slinger, Jessie M., Riverside, Calif. Flower stand. Des. 63,113; Oct. 2.
Slingerland, George O., Mechanicsville, N. Y. Glove box. 1,454,457; May 8.
Slipper, James, Los Angeles, Calif. Film-splicing machine. 1,445,045; Feb. 13.
Slivinski, Hugo R., Chicago, Ill., assignor, by mesne assignments, to International Harvester Company. Ladle crane. 1,443,152; Jan. 23.
Sloan, Alfred C., Philadelphia, Pa. Safety and signaling device for pneumatic tires. 1,442,182; Jan. 16.
Sloan-Crockett Co. (See Crockett, Jesse G., assignor.)
Sloan, Elgan S., Shippenville, Pa. Pumping power. 1,465,319; Aug. 21.
Sloan, Harry E., Philadelphia, Pa. Cutting device. 1,446,726; Feb. 27.
Sloan, Morris C., Chicago, Ill. Rotary toothbrush. 1,442,303; Jan. 16.
Sloan, Peter J., assignor to S. Erickson, Denver, Colo. Railway signal lantern. 1,446,133; Feb. 20.
Sloan, Peter J., assignor of one-half to S. Erickson and fifty per cent to A. J. Cole, Denver, Colo. Electric railway lantern. 1,464,855; Aug. 14.
Sloan, Sara, Denver, Colo. Brush. 1,477,390; Dec. 11.
Sloan, Theodore H., Charleroi, assignor to Macbeth-Evans Glass Company, Pittsburgh, Pa. Glassworking machine. 1,478,261; Dec. 18.
Sloan, William J., assignor of one-half to F. Paulin, Cleveland, Ohio. Wall receptacle for receiving deliveries. 1,458,200; June 12.
Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Locomotive. 1,454,138; May 8.
Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Locomotive. 1,454,139; May 8.
Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Locomotive. 1,474,175; Nov. 13.
Sloat, Charles B., Gettysburg, S. Dak. Straw spreader. 1,441,128; Jan. 2.
Sloat, Karl, deceased; L. E. Sloat, administratrix, assignor to Scranton Silk Machine Company, Scranton, Pa. Stop motion. 1,471,292; Oct. 16.
Sloat, Louise E., administratrix. (See Sloat, Karl.)
Slocomb, Frank F. (See Walker, Henry, assignor.)
Slocomb, Frank F., St. Georges Hundred, Del. Skin stop for leather-finishing machines. 1,464,885; Aug. 14.
Slocomb, John T., Cranston, R. I. Making pressure steam cooking vessels. 1,441,304; Jan. 9.
Slocomb, John T., Providence, R. I. Steam-pressure cooker. 1,444,043; Feb. 6.
Slocomb, John T., Providence, assignor to Economy Cooker Company, East Providence, R. I. Steam-pressure cooker. 1,454,835; May 8.
Slocomb, John T., Cranston, assignor to Economy Cooker Company, East Providence, R. I. Steam-pressure cooker. 1,464,836; May 8.
Slocum, Frank E., Denver, Colo. Toy. 1,448,573; Mar. 13.
Slocum, Paul F., Brooklyn, N. Y. Burner. 1,446,353; Feb. 20.
Slonaker, G. N. (See Gutridge, L. A., and Mosier, assignors.)
Sloper, Thomas, Devizes, England. Method of and apparatus for manufacturing articles comprising superposed layers of fabric. 1,458,732; June 12.
Sloper, Thomas, Devizes, England. Apparatus for use in the manufacture of rubber goods. 1,477,391; Dec. 11.
Sloss, Aaron M. (See Pedersen, Johannes T., assignor.)
Sloss, Louis. (See Rankin, Harry D., assignor.)
Slote, Reuben, Mount Vernon, N. Y., assignor to Slote & Schaffer, New York, N. Y. Buckle for ladies' belts. Des. 63,438; Dec. 4.
Slote, Reuben, Mount Vernon, N. Y., assignor to Slote & Schaffer, New York, N. Y. Buckle for ladies' belts. Des. 63,439; Dec. 4.
Slote & Schaffer. (See Slote, Reuben, assignor.)
Slough, Frank M., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Telephone-exchange system. 1,450,564; Apr. 3.
Slough, Frank M., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Telephone system. 1,458,555; June 12.
Slough, Frank M., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Measured-service telephone system. 1,459,863; June 26.
Slough, Frank M., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Sequence switch. 1,462,251; July 17.
Slough, Frank M., assignor to Stromberg-Carlson Telephone Manufacuring Company, Rochester, N. Y. Measured-service system. 1,468,217; Sept. 18.
Slough, Robert A., Dayton, Ohio. Bearing-sleeve puller. 1,444,280; Feb. 6.
Slovack, Joseph J., Sunderland, Mass. Pie-cutting device. 1,457,233; May 29.
Slusher, Clinton L. (See Duddleson, W. J., and Slusher.)
Slusher, Clyde H., Lexington, Mo. Target-throwing device for trap shooting. 1,459,421; June 10.
Slusser, James E., and S. A. Stover, Marsteller, Pa. Automatic switch. 1,443,389; Jan. 30.
Sly, W. W., Manufacturing Company, The. (See Moore, Edward J. and R. H., assignors.)
Slye, Clarence E., Aurora, Ill. Cooking utensil. 1,478,801; Dec. 25.
Slye, John Q. (See Bishop, S. H., and Slye.)
Slyt Edge Company. (See Krause, Lou, assignor.)
Small, James A., Youngstown, Ohio. Annealing sheet iron. 1,453,411; May 1.
Small, Adina, New York, N. Y. Washboiler. 1,446,815; Feb. 27.
Small, Adina, New York, N. Y. Cooking utensil. 1,470,199; Oct. 9.
Small, Alfred K., jr. (See White, C. M., and Small.)
Small, Arthur E., assignor to W. P. Murphy, Chicago, Ill. Combined door closer, starter, and lock. 1,450,234; Apr. 3.
Small, Byron C., Morris, Ill. Clutch control and governor. 1,470,773; Oct. 16.
Small, Chesley T., St. Louis, Mo. Cap-feeding machine. 1,441,382; Jan. 9.
Small, Chesley T., assignor to First National Bank in St. Louis, St. Louis, Mo. Square-can-capping machine. 1,446,590; Feb. 27.
Small, Chesley T., assignor to First National Bank in St. Louis, St. Louis, Mo. Cap-feeding machine. 1,446,591; Feb. 27.
Small, Chesley T., assignor to First National Bank in St. Louis, St. Louis, Mo. Can-sealing machine. 1,474,176; Nov. 13.
Small, Chesley T., assignor to First National Bank in St. Louis, St. Louis, Mo. Conveyer. 1,476,112; Dec. 4.
Small, Frank E., Jamaica, N. Y. Kitchen fork. Re. 15,680; Aug. 21.
Small, Frank E., Jamaica, N. Y. Kitchen fork. 1,443,508; Jan. 30.

Small, George A., assignor to Philadelphia Bronze Bearing & Tube Company, Philadelphia, Pa. Composite tube and making the same. 1,441,459; Jan. 9.
Small, Hervey W., Small, Idaho. Wrench. 1,451,184; Apr. 10.
Small, James W., Chicago, Ill. Electrical drying apparatus. 1,455,034; May 15.
Small, Lewis F., Braintree, assignor to C. C. Blake, Incorporated, Boston, Mass. Last. 1,460,442; July 3.
Small, Lewis F., Braintree, assignor to C. C. Blake, Incorporated, Boston, Mass. Last. 1,460,450; July 3.
Small, Louis. (See Small, Max and L.)
Small, Max, and L. Small, Buffalo, N. Y. Display rack. 1,445,803; Feb. 20.
Small, R. E. (See McGee, Charles E., assignor.)
Smalley, Edwin L., East Orange, N. J. Electric furnace. 1,459,801; June 26.
Smalley, Edwin L., East Orange, N. J. Sectional electric furnace. 1,463,559; July 31.
Smalley General Co. (See Martin, Percy W., assignor.)
Smallwood, Alfred, London, England. Conveying apparatus. 1,470,394; Oct. 9.
Smallwood, Harry J., San Francisco, Calif. Bottle stopper. 1,458,366; June 12.
Smallwood, Robert F., New York, N. Y. Ice-cream dispenser. 1,441,305; Jan. 9.
Smallwood, Robert F., New York, N. Y. Cutting tool. 1,451,966; Apr. 17.
Smart, Henry A., and W. H. H. Cocke, jr., Danville, Va. Feeder for tentering machines. 1,472,499; Oct. 30.
Smart, Rupert B., Chicago, Ill. Addressing machine. 1,478,586; Dec. 25.
Smedley, Thomas H., Long Eaton, England, assignor to Richmond Lace Works, Alton, R. I. Lace. Des. 62,653; July 10.
Smedley, Victor C., Denver, Colo. Dental impression tray. 1,470,888; Oct. 16.
Smerechanski, Mike, Berwick, Pa. Teeter board. 1,461,631; July 10.
Smilack, Abraham. (See Lefft, Frederick A., assignor.)
Smiley, Albert J., Philadelphia, Pa. Device for inserting laces under shoe uppers. 1,461,834; July 17.
Smiley, George E., et al. (See Beaupré, John P., assignor.)
Smiley, Pearl Y., Kitchener, Quebec, Canada. Boot. 1,444,215; Feb. 6.
Smiley, William E., Cazenovia, and H. D. Ga Nung, Syracuse, N. Y.; said Ga Nung assignor to said Smiley. Pinch bar. 1,469,367; Oct. 2.
Smillie, James, Stretford, England, assignor to Westinghouse Electric & Manufacturing Company. System of ventilation. 1,453,328; May 1.
Smith, A. O., Corporation. (See Gagné, Gideon R., assignor.)
Smith, A. O., Corporation. (See Smith, Charles S., assignor.)
Smith, A. O., Corporation. (See Smith, Reuben S., assignor.)
Smith, A. O., Corporation. (See Smith, R. S., and Adams, assignors.)
Smith, A. O., Corporation. (See Smith, R. S., Miller, and Orton, assignors.)
Smith, A. O., Corporation. (See Smith, R. S., and Stresau, assignors.)
Smith, A. O., Corporation. (See Westmore, Halward G., assignor.)
Smith, Aaron J., and F. T. Frederick, Chicago, Ill., said Smith assignor to said Frederick. Safety-pin. 1,451,478; Apr. 10.
Smith, Abner L., Hall, Tex. Device for forcing fluid from wells. 1,466,199; Aug. 28.
Smith, Abraham L., assignor of one-half to O. M. Smith, New York, N. Y. Catamenial-sack supporter. 1,470,395; Oct. 9.
Smith, Adam L., and T. F. Russell, Youngstown, Ohio. Doorstrip. 1,451,310; Apr. 10.
Smith, Albert H., Birmingham, England. Manufacture of small sheet-metal articles by pressing. 1,446,399; Feb. 20.
Smith, Albert H., assignor to F. R. King, New York, N. Y. Electric flatiron. 1,449,201; Mar. 20.
Smith, Albert K., Cleveland, Ohio. Electrolytic apparatus. 1,442,238; Jan. 16.
Smith, Albert W., assignor to Fisher Body Corporation, Detroit, Mich. Armrest for closed bodies. 1,465,491; Aug. 21.
Smith, Alexander, & Sons Carpet Company. (See Dunn, Edmund F., assignor.)
Smith, Alexander, Dykehead, and W. M. Wood, Montrose, Scotland. Machine for raising or digging turnips and other like roots. 1,452,395; Apr. 17.
Smith, Alfred A., et al. (See Simonton, Frank H., assignor.)
Smith, Alfred E., Winthrop, Mass. Pipe and rod cutter. 1,448,877; Mar. 20.
Smith, Alfred H., Chappaqua, N. Y. Compartment freight car. 1,449,302; Mar. 20.
Smith, Alfred H., Chappaqua, N. Y. Compartment freight car. 1,449,303; Mar. 20.
Smith, Alfred H., Chappaqua, N. Y. Compartment freight car. 1,451,632; Apr. 10.
Smith, Alfred H., Chappaqua, N. Y. Freight car. 1,451,633; Apr. 10.
Smith, Alfred H., New York, N. Y. Interchangeable car unit. 1,477,723; Dec. 18.
Smith, Allan V., Montreal, Quebec, Canada. Means for facilitating the carrying of traveling bags and the like. 1,463,977; Aug. 7.
Smith, Amos H., Brooklyn, assignor to American Bank Note Company, New York, N. Y. Numbering head. 1,468,521; Sept. 18.
Smith, Andrew, assignor to Halsam Products Company, Chicago, Ill. Method of and apparatus for eliminating sharp edges and corners on toy blocks. 1,458,733; June 12.
Smith, Arthur A., Lewis, and R. E. Smith, Kinsley, Kans. Clutch. 1,460,217; June 26.
Smith, Arthur A., and H. W. Paine, Eagle Grove, Iowa. Tire-chain lock and elastic take-up. 1,462,666; July 24.
Smith, Arthur B., Evanston, assignor to Automatic Electric Company, Chicago, Ill. Voice-current telephone repeater. 1,444,805; Feb. 13.
Smith, Arthur B., Evanston, assignor to Automatic Electric Company, Chicago, Ill. Automatic telephone system. 1,474,648; Nov. 20.
Smith, Arthur C., assignor of one-half to W. W. Hassell, Colorado Springs, Colo. Combined atomizer and vaporizer for oil engines. 1,463,849; Aug. 7.
Smith, Arthur E., New York, N. Y. Golf-bag holder. 1,475,605; Nov. 27.
Smith, Arthur E., and A. D. Gray, Chicago, Ill. Hypodermic syringe. 1,456,717; May 29.
Smith, Arthur G., Los Angeles, Calif. Folding table. 1,460,216; June 26.
Smith, Arthur M., Cleveland, Ohio. Regulating device. 1,444,564; Feb. 6.
Smith, Arthur W., New York, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,440,703; Jan. 2.
Smith, Asher R., Laredo, Tex. Garden-hose support. 1,470,123; Oct. 9.
Smith, Ashley W., London, England. Receptacle for toothbrushes. 1,446,520; Feb. 27.
Smith, Aurelius, Indianapolis, Ind. Reversible cushion shoe heel. 1,477,191; Dec. 11.
Smith, Benjamin C., Westfield, assignor to Standard Motor Construction Company, Jersey City, N. J. Power-transmission mechanism. 1,463,445; July 31.
Smith, Burdsey W., Oroville, Calif. Display fixture and advertising device. 1,449,065; Mar. 20.
Smith, Burgess W., assignor to Todd Protectograph Company, Rochester, N. Y. Safety paper for negotiable instruments and making same. 1,449,453; Mar. 27.
Smith, Burgess W., assignor to Todd Protectograph Company, Rochester, N. Y. Safety paper and making same. 1,454,837; May 8.
Smith, Burns L., Syracuse, N. Y. Cushion wheel for motor vehicles. 1,455,453; May 15.
Smith, Burns L., Syracuse, N. Y. Vehicle wheel. 1,471,011; Oct. 16.
Smith Cannery Machines Co. (See Waugh, Edward H., assignor.)
Smith, Carl J., Indiana Harbor, Ind. Differential governor for boiler feed pumps. 1,452,223; Apr. 17.
Smith, Carlisle F., Jersey City, assignor to Bournonville Rotary Valve Motor Company, Hoboken, N. J. Rotary valve. 1,442,705; Jan. 16.
Smith, Cecil C., Sydney, New South Wales, Australia. Dirigible headlight. 1,459,268; June 19.
Smith, Charles B. (See Kohler, G., and Smith.)
Smith, Charles E., Johnstown, Pa. Electrical display device. 1,454,566; May 8.
Smith, Charles E., Brooklyn, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,469,054; Sept. 25.
Smith, Charles F., Pittsburgh, Pa. Casing for current regulators and the like. 1,443,098; Jan. 23.
Smith, Charles F., Chicago, Ill. Peeling machine. 1,457,007; May 29.
Smith, Charles F., New Britain, Conn., assignor to Landers, Frary & Clark. Knife. 1,477,291; Dec. 11.
Smith, Charles F. and W. H., Brooklyn, N. Y. Electric condenser. Re15,642; July 3.
Smith, Charles G., Philadelphia, Pa. Sand-blast apparatus. 1,443,762; Jan. 30.
Smith, Charles G., Cambridge, assignor, by mesne assignments, of one-half to L. K. Marshall, Somerville, Mass. Refrigerating apparatus. 1,446,727; Feb. 27.
Smith, Charles H., Pawtucket, and A. E. Hampson, Lonsdale, R. I. Universal winding machine. 1,475,655; Nov. 27.
Smith, Charles S., Providence, R. I. Match scratcher. 1,458,556; June 12.
Smith, Charles S., assignor to A. O. Smith Corporation, Milwaukee, Wis. Corrugated metallic car end and manufacturing the same. 1,476,731; Dec. 11.
Smith, Charlie J., jr., Henderson, N. C. Automobile door opener. 1,460,614; July 3.
Smith, Christian, New York, N. Y. Bank. Des. 63,335; Nov. 20.
Smith, Clarence E. (See Mesker, F. Smith, and Beuc.)
Smith, Clarence E., Peoria, Ill. Stropping machine. 1,451,789; Apr. 17.
Smith, Clarence E., Peoria, Ill. Blade holder for stropping machines. 1,451,790; Apr. 17.

Smith, Clarence E., assignor to Mills Belt Company, Worcester, Mass. Military equipment. 1,451,030; Apr. 10.
Smith, Clarence R., Winthrop, Mass. Method of and appliance for registering. 1,477,392; Dec. 11.
Smith, Claude E. (See Dollison, J. M., and Smith.)
Smith, Claude R., Washington, D. C. Purifying gelatin and glue. 1,457,466; June 5.
Smith, Clement C., Wheeling, W. Va. Car-dumping apparatus. 1,456,256; May 22.
Smith, Clement C., Wheeling, W. Va. Car-dumping platform. 1,457,754; June 5.
Smith, Clyde J. (See Forsyth, John A., assignor.)
Smith, Curtis A., New Rochelle, assignor to Robert Findlay Manufacturing Co., New York, N. Y. Hanging lamp. Des. 62,188; Apr. 3.
Smith, Curtis E., St. Joseph, Mo. Portable rotary saw. 1,450,459; Apr. 3.
Smith, Cuthbert C., Twickenham, England. Gramophone apparatus. 1,453,196; Apr. 24.
Smith, David, Douglas, Wyo. Airship. 1,473,744; Nov. 13.
Smith, David B. (See Orlopp, H. A., and Smith.)
Smith, David J., London, England, assignor, by mesne assignments, to Automotive Gas Producer Corporation. Gas producer. 1,467,955; Sept. 11.
Smith, David K., assignor of one-half to J. G. Kirschner, and one-eighth to L. C. Hollberg, Denver, Colo. Placer-mining machine. 1,462,584; July 24.
Smith, David P., Meriden, Conn. Arch support. 1,466,386; Aug. 28.
Smith & Davis Mfg. Co. (See Duvall, William J., assignor.)
Smith, Dennis W., Wilmette, assignor to Colborne Manufacturing Company, Chicago, Ill. Pie machine. 1,459,166; June 19.
Smith, Dennis W., and F. W. Church, Wilmette, assignors to Colborne Manufacturing Company, Chicago, Ill. Dough divider. 1,442,183; Jan. 16.
Smith, Don, San Francisco, Calif., assignor to American Telephone and Telegraph Company. Network controlling circuits. 1,478,458; Dec. 25.
Smith, Donald H., Adelaide, South Australia, Australia. Resilient wheel. 1,474,737; Nov. 20.
Smith, E. Payson. (See North, Ray A., assignor.)
Smith, Edward C. (See Craine, Charles L., assignor.)
Smith, Edward E., Philadelphia, Pa. Dental instrument. 1,465,690; Aug. 21.
Smith, Edward E., El Paso, Tex. Store apparatus. 1,475,149; Nov. 20.
Smith, Edward M., Los Angeles, Calif. Sand wheel for oil wells. 1,469,828; Oct. 9.
Smith, Edward M., and R. E. Heidrich, Los Angeles, Calif.; said Heidrich assignor to said Smith. Device for perforating oil-well casings. 1,457,193; May 29.
Smith, Edward W., Philadelphia, Pa. Secondary or storage battery. 1,450,565; Apr. 3.
Smith, Edwin A., Woodward, Okla. Billboard posting implement. 1,447,905; Mar. 6.
Smith, Ellasson R., Dayton, Ohio. Restaurant room. 1,463,633; July 31.
Smith, Ellsworth F., Denver, Colo. Iron spool for wire cables of oil wells. 1,462,388; July 17.
Smith, Elmer H., Minneapolis, Minn. Welding-torch tip. 1,452,258; Apr. 17.
Smith, Elmer H., Minneapolis, Minn. Carbide-feeding apparatus. 1,478,405; Dec. 25.
Smith, Elmer W., assignor of one-half to E. O. Allen, Los Angeles, Calif. Mucker. 1,456,043; May 22.
Smith, Elwood, Brewster, Wash. Antiloss device for scarfpins and the like. 1,477,461; Dec. 11.
Smith, Floyd Aerial Equipment Company. (See Smith, Floyd, assignor.)
Smith, Floyd, Dayton, Ohio, assignor to Floyd Smith Aerial Equipment Company. Parachute pack and harness, etc. 1,462,456; July 17.
Smith, Francis X. (See Herbert, W. C., and Smith.)
Smith, Frank. (See Shuttleworth, Alfred, assignor.)
Smith, Frank, Chicago, Ill. Grease cup. 1,449,016; Mar. 20.
Smith, Frank, Elland, England. Shock absorber and rebound damper for motor road vehicles. 1,464,142; Aug. 7.
Smith, Frank C., Los Angeles, Calif. Educational device. 1,446,941; Feb. 27.
Smith, Frank C., Los Angeles, Calif. Rotary pump. 1,466,068; Aug. 28.
Smith, Frank E., Scottdale, Pa. Loading machine. 1,466,917; Sept. 4.
Smith, Frank E., assignor to Aetna Stamp Works, Inc., Hartford, Conn. Marking stamp. 1,472,282; Oct. 30.
Smith, Frank H., and A. K. Nowak, Cleveland, Ohio. Press. 1,473,388; Nov. 6.
Smith, Frank H., and A. K. Nowak, Canton, Ohio. Briquetting press. 1,473,389; Nov. 6.
Smith, Frank L., Dayton, Ohio. Vapor burner. 1,441,639; Jan. 9.
Smith, Frank M., Bridgewater, S. Dak. Hack saw. 1,442,740; Jan. 16.
Smith, Frank M., Bend, Oreg. Circuit controller. 1,477,917; Dec. 18.
Smith, Frank W., Portland, Me. Can-handling machine. 1,442,983; Jan. 23.
Smith, Frank W., Portland, Me. Sterilizer. 1,471,670; Oct. 23.
Smith, Frank W., Cranford, assignor to Oxweld Acetylene Company, Newark, N. J. Oxyacetylene blowpipe. 1,444,985; Feb. 13.
Smith, Franklin H., Burkburnett, Tex. Can holder and perforator. 1,468,041; Sept. 18.
Smith, Franklin P. (See Josler, Angelo, assignor.)
Smith, Franklin S., Philadelphia, Pa., assignor to The Products Protection Corporation, New York, N. Y. Apparatus for and method of protecting articles from creeping insects. 1,441,606; Jan. 9.
Smith, Franklin S., Philadelphia, Pa., assignor to The Products Protection Corporation, New York, N. Y. Treating grain in bulk by electricity. 1,471,423; Oct. 23.
Smith, Fred, Mount Vernon, Ind. Printing box. 1,449,788; Mar. 27.
Smith, Fred P., et al., trustees. (See Allen, James M., assignor.)
Smith, Frederic L., deceased, Pittsford, N. Y.; M. C. Smith, administratrix, assignor to M. C. Smith, Northampton, Mass. Spoon holder. 1,464,731; Aug. 14.
Smith, Frederick G., New Bedford, assignor of one-half to I. N. Babbitt, Fairhaven, Mass. Centering means for spindles. 1,462,215; July 17.
Smith, George A., Denver, Colo. Reversible notifying device for office doors. 1,448,903; Mar. 20.
Smith, George B., and R. W. Sanders, Houston, Tex. Clutch for pipe-laying machines. 1,477,670; Dec. 18.
Smith, George E. (See Blackington, E. D., and Smith.)
Smith, George J., Peoria, Ill. Dimmer attachment for vehicle lighting systems. 1,468,756; Sept. 25.
Smith, George K., New York, N. Y. Oversuit or overalls. 1,471,507; Oct. 23.
Smith, George L., Washington, D. C. Circuit maker and breaker. 1,443,763; Jan. 30.
Smith, George L., assignor to United States Ordnance Company, Washington, D. C. Friction brake. 1,440,842; Jan. 2.
Smith, George M., assignor of one-fourth to R. M. Henry, Maryville, Tenn. Grate. 1,452,897; Apr. 24.
Smith, George M., assignor to Interstate Iron and Steel Company, Chicago, Ill. Cooling bed. 1,463,634; July 31.
Smith, George P., et al. (See Smith, Thomas C., assignor.)
Smith, George T., jr., Paducah, Ky. Laying composition shingles. 1,467,510; Sept. 11.
Smith, Gerald F., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. System of control. 1,453,412; May 1.
Smith, Gilbert R., Kilgore, Idaho. Motor sleigh. 1,441,538; Jan. 9.
Smith, Grant, deceased, Bluefield, W. Va.; M. R. Smith, administratrix. Clamp for wire stretchers. 1,469,204; Sept. 25.
Smith, Grant, deceased, Bluefield, W. Va.; M. R. Smith, administratrix. Wire-fence stretcher. 1,469,205; Sept. 25.
Smith, Guy W., Paonia, Colo. Ingrown-toenail appliance. 1,451,311; Apr. 10.
Smith, H. Armour, et al. (See Adams, Frank J., assignor.)
Smith, Harold, Mitchana, assignor to Messrs. Joseph Baker Sons & Perkins Limited, Willesden, Middlesex, England. Endless-wire-belt conveyer. 1,472,252; Oct. 30.
Smith, Harold E., Cleveland Heights, Ohio. Power-driven wringer mechanism. 1,450,736; Apr. 3.
Smith, Harold K., Chicago, Ill. Unloading and reclaiming elevator. 1,441,249; Jan. 9.
Smith, Harold O., Indianapolis, Ind., assignor to The Racine Horseshoe Tire Company, Racine, Wis. Resilient tire. Des. 63,665; Dec. 25.
Smith, Harry, Scioto Mills, Ill. Automobile tire chain. 1,458,081; June 5.
Smith, Harry B., et al., executors. (See Smith, Robert B.)
Smith, Harry B., Brooklyn, N. Y. Paper-box construction. 1,470,396; Oct. 9.
Smith, Harry B., Brooklyn, N. Y. Paper-box construction. 1,470,397; Oct. 9.
Smith, Harry B., Brooklyn, N. Y. Semiloose-wrapped box. 1,470,398; Oct. 9.
Smith, Harry B., New York, N. Y. Covered box. 1,476,549; Dec. 4.
Smith, Harry F., Lexington, assignor, by mesne assignments, to The Gas Research Company, Dayton, Ohio. Supplying moisture to gas producers. 1,442,100; Jan. 16.
Smith, Harry F., and T. Cureton, assignors, by mesne assignments, to The Gas Research Company, Dayton, Ohio. Valve. 1,467,511; Sept. 11.
Smith, Harry H. (See Hall, R. D., and Smith.)
Smith, Harry H., Newark, N. J., assignor to Westinghouse Lamp Company. Treating filaments for incandescent electric lamps. 1,461,100; July 10.
Smith, Harry T., Kansas City, Mo. Vernier adjuster. 1,450,566; Apr. 3.
Smith, Harvey A., W. Le Gendre, and B. Harbison, Cincinnati, Ohio; said Smith assignor to said Le Gendre. Friction clutch. 1,465,492; Aug. 21.

Smith, Hazor J., Springfield, Mass. Preventing the formation of frost crystals in the circulating lines of refrigerating machines. 1,460,352; June 26.
Smith, Hazor J., Springfield, Mass., assignor of one-half to W. Reid, Chicago, Ill. Traffic guide. 1,450,616; Apr. 3.
Smith, Hazor J., Chicago, Ill., assignor of one-fourth to W. Reid and one-half to A. H. Chapin, Springfield, Mass. Compressor. 1,443,764; Jan. 30.
Smith, Hazor J., Chicago, Ill., assignor of one-fourth to W. Reid and one-half to A. H. Chapin, Springfield, Mass. Preventing emulsification of refrigerating agent in the sealing oil. 1,447,575; Mar. 6.
Smith, Hazor J., Chicago, Ill., assignor of one-fourth to W. Reed and one-half to A. H. Chapin, Springfield, Mass. Motor oiler. 1,449,066; Mar. 20.
Smith, Hazor J., Chicago, Ill., assignor of one-fourth to W. Reid and one-half to A. H. Chapin, Springfield, Mass. Expansion valve. 1,450,052; Mar. 27.
Smith, Hazor J., Chicago, Ill., assignor of one-fourth to W. Reid and one-half to A. H. Chapin, Springfield, Mass. Ice-block freezer. 1,451,376; Apr. 10.
Smith, Hazor J., Chicago, Ill., assignor of one-fourth to W. Reid and one-half to A. H. Chapin, Springfield, Mass. Thermostatic switch. 1,478,719; Dec. 25.
Smith-Hecht Company. (See Hecht, Leon J., assignor.)
Smith, Henrietta B., Charleston, S. C. Snap-fastener device. 1,442,009; Jan. 9.
Smith, Henry, Turnersville, Tex. Fishing device. 1,457,401; June 5.
Smith, Henry, Lone Rock, Wis. Guard-tilting device for grain binders. 1,458,367; June 12.
Smith, Henry A., Santa Barbara, Calif., Wall board and making the same. 1,454,823; May 8.
Smith, Henry A., and M. A. Johnson, Tacoma, Wash. Bottle carrier. 1,442,741; Jan. 16.
Smith, Henry A., and H. H. Brown, Oakland, Calif. Ore-concentrating device. 1,450,118; Mar. 27.
Smith, Henry A. W., Danville, Va. General-utility bolt. 1,450,460; Apr. 3.
Smith, Henry C., Denver, Colo. Trap nest. 1,478,620; Dec. 25.
Smith, Henry E. (See O'Loughlin, T. J., and Smith.)
Smith, Henry H., Cherryvale, N. Mex. Pumping apparatus. 1,455,153; May 15.
Smith, Henry L., Paterson, N. J. Vision shield. 1,467,203; Sept. 4.
Smith, Henry L., Paterson, N. J. Automobile timing mechanism. 1,468,755; Sept. 25.
Smith, Henry L., assignor to The E. J. Manville Machine Company, Waterbury, Conn. Wood-screw-machine tool feed. 1,444,432; Feb. 6.
Smith, Henry L., assignor to The E. J. Manville Machine Company, Waterbury, Conn. Tool feed mechanism for wood-screw machines. 1,444,433; Feb. 6.
Smith, Henry L., assignor to The E. J. Manville Machine Company, Waterbury, Conn. Operating mechanism for wood-screw machines. 1,452,986; Apr. 24.
Smith, Henry L., assignor to The E. J. Manville Machine Company, Waterbury, Conn. Wood-screw machine. 1,474,177; Nov. 13.
Smith, Henry L., assignor to Smith Manufacturing company, Dalton, Ga. Mill basket. 1,446,400; Feb. 20.
Smith, Henry M., Salem, Mass. Circular warp-knitting machine. 1,458,156; June 12.
Smith, Henry W., San Francisco, Calif. Reenforced concrete wall. 1,443,765; Jan. 30.
Smith, Herbert A., Bethlehem, Pa., assignor to Roller-Smith Company. Trap. 1,467,818; Sept. 11.
Smith, Herbert B., Brooklyn, N. Y. Game appliance. 1,477,460; Dec. 11.
Smith, Herbert M., assignor to Stanley Insulating Company, Great Barrington, Mass. Heat-insulating material. 1,474,559; Nov. 20.
Smith, Herbert W., Washington, D. C. Bath salts. 1,465,530; Aug. 21.
Smith, Herman A. (See Hammond, L. E., and Smith.)
Smith, Herman R. (See Schroeder, F. A., and Smith.)
Smith, Herman R., Brooklyn, N. Y., and A. E. Twist, Clifton, N. J., assignors to Raymond Concrete Pile Company, New York, N. Y. Pile driver. 1,473,054; Nov. 6.
Smith, Hewlet T., Oxnard, Calif. Oil-well apparatus. 1,472,283; Oct. 30.
Smith, Horace L. and H. L., jr., Petersburg, Va. Fertilizer and lime distributor. 1,451,312; Apr. 10.
Smith, Horace, L., jr. (See Smith, Horace L. and H. L., jr.)
Smith, Howard B., Macon, Ga. Sash lock. 1,449,017; Mar. 20.
Smith, Hubert G. (See Thoke, A. R., and Smith.)
Smith, Hugh J., Brooklyn, N. Y. Window construction. 1,478,922; Dec. 25.
Smith, Irving M., San Diego, Calif., assignor to The Q R S Music Company. Means of teaching piano playing. 1,459,802; June 26.
Smith, Ivan M., Milwaukee, and M. L. Fykse, South Milwaukee, assignors to Turbo Carbureter Co., Milwaukee, Wis. Carburetor. 1,440,940; Jan. 2.
Smith, J. C. (See O'Nan, Charles B., assignor.)
Smith, James, Glasgow, Scotland. Process of purifying mineral oils. 1,450,617; Apr. 3.
Smith, James, Anaconda, Mont. Rail joint. 1,468,926; Sept. 25.
Smith, James E., assignor to Ford Motor Company of Delaware, Detroit, Mich. Method and machine for tempering bars, shafts, and the like. 1,448,878; Mar. 20.
Smith, James H., Watertown, Mass. Oil burner. 1,450,119; Mar. 27.
Smith, James H,, Chicago, Ill. Bearing. 1,457,555; June 5.
Smith, James H., assignor to Smith-Junior Company, Inc., Rochester, N. Y. Easel or individual separator. 1,443,806; Jan. 30.
Smith, James J. (See Baker, Charles C., assignor.)
Smith, James N., Toronto, Ontario, Canada. Electrolytic apparatus. 1,450,156; Mar. 27.
Smith, James N., Toronto, Ontario, Canada. Electrolytic apparatus. 1,476,303; Dec. 4.
Smith, James R., Palo Alto, Calif. Double boiler. 1,468,841; Sept. 25.
Smith, James S. B., Brooklyn, N. Y. Crimped cap. 1,476,472; Dec. 4.
Smith, James T., Thayer, Kans. Hatrack. 1,465,026; Aug. 14.
Smith, Jay H., San Francisco, Calif. Air bag. 1,440,751; Jan. 2.
Smith, Jay H., Rochester, N. Y. Receptacle opener. 1,453,956; May 1.
Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,447,270; Mar. 6.
Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,448,601; Mar. 13.
Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,450,737; Apr. 3.
Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Manifolding pack and holder. 1,451,791; Apr. 17.
Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,451,792; Apr. 17.
Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,455,454; May 15.
Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Ledger sheet. 1,455,740; May 15.
Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Bill form. 1,456,471; May 22.
Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,466,632; Aug. 28.
Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,474,178; Nov. 13.
Smith, John C., London, England. Gauge. 1,444,565; Feb. 6.
Smith, John C., Memphis, Tenn. Saw set. 1,448,602; Mar. 13.
Smith, John D., Cheraw, S. C. Valve. 1,456,942; May 29.
Smith, John F., Taunton, Mass. Safety shoe. 1,457,402; June 5.
Smith, John G., Muswell Hill, London, England. Lamp, searchlight, and the like. 1,469,690; Oct. 2.
Smith, John H., and W. J. Waddell, Sperling, Manitoba, Canada. Detachable cultivator point. 1,443,050; Jan. 23.
Smith, John H., and G. J. Kengel, assignors to Eclipse Interchangeable Counterbore Company, Detroit, Mich. Counterboring tool. 1,461,462; July 10.
Smith, John L., Los Angeles, Calif. Safety bill holder. 1,458,734; June 12.
Smith, John R., Cleveland, Ohio. Fabric bolt board. 1,472,253; Oct. 30.
Smith, Joseph. (See O'Brien, W. E., and Smith.)
Smith, Joseph, Brooklyn, and R. Smith, New York, N. Y., assignors, by mesne assignments, to Feldstein Bros. & Co. Cap. 1,448,093; Mar. 13.
Smith, Joseph A. (See Powell, H. H., and Shackleton, assignors.)
Smith, Joseph A., Syracuse, N. Y., assignor to Ner-A-Car Corporation. Electric-current generator. 1,476,733; Dec. 11.
Smith, Joseph F. (See Sieder, A. P., and Smith.)
Smith, Joseph H., Chicago, Ill. Radiator-cap attachment. 1,471,071; Oct. 16.
Smith, Joseph H., assignor to M. E. Smith, Lynn, Mass. Corn and bunion shield. 1,445,725; Feb. 20.
Smith, Joseph J., Cambridge, Mass. Device for operating upon the cards of carding engines. 1,457,467; June 5.
Smith, Joseph N., & Co. (See Kopp, William, assignor.)
Smith, Joseph N., & Company. (See Ackerman, Edward L., assignor.)
Smith, Joseph O., and J. B. Reeves, Los Angeles, Calif. Water heater. 1,441,184; Jan. 2.
Smith, Julian C., and A. W. Totman, Chicago, Ill. Heat-insulated structure. 1,467,121; Sept. 4.
Smith-Junior Company. (See Smith, James H., assignor.)
Smith, Justin M., and E. Schanks, Billings, Mont. Safety locking attachment. 1,443,285; Jan. 23.

Alphabetical list of patentees—Continued.

Smith, Karl D., assignor to Union Steam Pump Company, Battle Creek, Mich. Valve. 1,466,918; Sept. 4.
Smith, L. C., & Bros. Typewriter Co. (See Gabrielson, Carl, assignor.)
Smith, Launcelot E., South Shields, C. Zulver, London, and H. A. Thompson, North Shields, England. Furnace. 1,460,985; July 3.
Smith, Laurence, Paper Goods Company, The. (See Dickinson, John L., assignor.)
Smith, Lawrence F., Hazard, Ky. Rerailer. 1,469,117; Sept. 25.
Smith, Leathem D., Sturgeon Bay, Wis. Subcargo-unloading apparatus for ships. 1,466,854; Sept. 4.
Smith-Lee Company. (See Meldrum, Alexander, assignor.)
Smith, Lemon M., Clairton, Pa. Automobile fender. 1,462,152; July 17.
Smith, Leon R., Indianapolis, Ind. Heat control of mixture for internal-combustion engines. 1,448,008; Mar. 13.
Smith, Livingston, Philadelphia, Pa. Ash tray. Des. 61,792; Jan. 9.
Smith, Lucius A., et al. (See Simmons, Alfred K., assignor.)
Smith, Lucius W., Obion Station, Tenn. Combined sash holder and lock. 1,449,132; Mar. 20.
Smith, Luther E., Shelburne Falls, Mass., assignor of one-third to C. E. Davenport and one-third to J. C. Hoffman, New Britain, Conn. Cider mill. 1,457,755; June 5.
Smith, Lyddane, assignor to H. P. Martin & Sons, Owensboro, Ky. Valve. 1,445,363; Feb. 13.
Smith, Manning J., Philadelphia, Pa. Belt. 1,477,084; Dec. 11.
Smith Manufacturing Co. (See Smith, Samuel L., assignor.)
Smith Manufacturing Company. (See Smith, Henry L., assignor.)
Smith, Marcus, assignor to G. A. Tudhope, Toronto, Ontario, Canada. Heating apparatus. 1,446,521; Feb. 27.
Smith, Margaret C. (See Smith, Frederic L., assignor.)
Smith, Margaret C., administratrix. (See Smith, Frederic L.)
Smith, Margaret R., administratrix. (See Smith, Grant.)
Smith, Martha E. (See Smith, Joseph H., assignor.)
Smith, Martin J., Brockton, Mass. Internal-combustion engine. 1,442,706; Jan. 16.
Smith, Marvin S. (See Campbell, W. M., and Smith.)
Smith, Marvin W., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Flash guard for dynamo-electric machines. 1,448,419; Mar. 13.
Smith, Maurice O., St. Louis, Mo. Vaporizer. 1,477,724; Dec. 18.
Smith, Maxwell M., Henley-on-Thames, England. Variable-speed gear. 1,444,712; Feb. 6.
Smith, Michael, Newark, N. J. Drilling-machine mounting. 1,468,087; Sept. 18.
Smith, Michael J., Tacoma, Wash. Concrete-pipe machine. 1,460,451; July 3.
Smith, Michael J., Morristown, N. J. Plumbing connection. 1,460,986; July 3.
Smith, Millard N., Sanford, N. C., assignor to Draper Corporation, Hopedale, Mass. Thread-cutting temple for looms. 1,449,558; Mar. 27.
Smith and Mills Company, The. (See Mills, Ernest, assignor.)
Smith, Milton A., and S. W. Brown; said Brown assignor of all his right to C. L. Hall, Woonsocket, R. I. Surface indicator. 1,441,129; Jan. 2.
Smith, Nelson H., Spring Valley, Ill. Collapsible stove. 1,473,523; Nov. 6.
Smith, Nicholls J., Bainbridge, Ga. Fishing reel. 1,448,947; Mar. 20.
Smith, Norman H., Ottawa, Ontario, Canada. Stump sock. 1,461,987; July 17.
Smith, Oliver P., Portland, Oreg. Bag-filling apparatus. 1,471,928; Oct. 23.
Smith, Orilla M. (See Smith, Abraham L., assignor.)
Smith, Oscar A., East Cleveland, Ohio. Priming cup. 1,440,844; Jan. 2.
Smith, Oscar A., assignor of one-half to W. R. Mitchell, Cleveland, Ohio. Making binding posts. 1,440,802; Jan. 2.
Smith, Oscar A., assignor of one-half to W. R. Mitchell, Cleveland, Ohio. Making binding posts. 1,440,843; Jan. 2.
Smith, Oscar A., East Cleveland, assignor to National Acme Company, Cleveland, Ohio. Finger block for wedge mechanism. 1,449,454; Mar. 27.
Smith, Oscar A., East Cleveland, assignor to The National Acme Company, Cleveland, Ohio. Feed collet and making same. 1,450,189; Apr. 3.
Smith, Oscar A., assignor to The National Acme Company, Cleveland, Ohio. Pointing and shaving machine for bolts, etc. 1,464,957; Aug. 14.
Smith, Oscar A., East Cleveland, and G. J. Leber, assignors to The National Acme Company, Cleveland, Ohio. Duplex stud-forming machine. 1,464,956; Aug. 14.
Smith, Oscar A., East Cleveland, and G. J. Leber, Cleveland, Ohio. Transom-operating mechanism. 1,465,951; Aug. 28.
Smith, Oscar A., East Cleveland, and G. J. Leber, Cleveland, Ohio. Transom-operating mechanism. 1,465,953; Aug. 28.
Smith, Oscar A., and A. J. Weatherhead, jr., Cleveland, Ohio. Drain cock. 1,465,952; Aug. 28.
Smith, Oscar A., East Cleveland, and B. Rindfleisch, assignors to National Acme Company, Cleveland, Ohio. Automatic threading die. 1,474,179; Nov. 13.
Smith, Oscar L., Rydal, assignor to Penn Rivet Corporation, Philadelphia, Pa. Hair curler. 1,466,254; Aug. 28.
Smith, Otto, Honolulu, Hawaii, assignor to California Packing Corporation, San Francisco, Calif. Can-feeding device. 1,451,450; Apr. 10.
Smith, Owen P., Chicago, Ill. Rail switch. 1,463,560; July 31.
Smith, Paul S., assignor, by mesne assignments, to O'Bannon Company, West Barrington, R. I. Method and apparatus for coating and drying fabric and other material. 1,470,650; Oct. 16.
Smith, Paul S., and A. Forbes, Rocky Mount, N. C., and W. L. Simmons, Richmond, Va. Shade device. 1,443,656; Jan. 30.
Smith, Percy C., Worcester, Mass., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,448,420; Mar. 13.
Smith Percy R., Washington, D. C. Riveting hammer. 1,466,968; Sept. 4.
Smith, Perry C., Chicago, Ill. Lubrication coupling. 1,468,040; Sept. 18.
Smith, Pete F. (See Lyburis T., and Smith.)
Smith, Peter, Newark, N. J. Cover device for barrels and the like. 1,458,504; June 12.
Smith, Peter E., Philadelphia, Pa. Underfeed stoker. 1,453,892; May 1.
Smith, Pliny W., Rochester, N. Y. Developing tank. 1,445,046; Feb. 13.
Smith, Purnell W., Milbourne, Pa. Resilient wheel. 1,444,566; Feb. 6.
Smith, Raymond. (See Smith, Joseph and R.)
Smith, Raymond D., East Milton, Mass., assignor to Shawmut Machine Works, Inc. Delayed self-closing gas valve. 1,444,011; Feb. 6.
Smith, Raymond D., Milton, assignor to Tremont Products Company, Boston, Mass. Thermostatic lamp dimming pull socket. 1,456,285; May 22.
Smith, Raymond D., East Milton, assignor to Tremont Products Corporation, Boston, Mass. Releasable timer mechanism. 1,468,580; Sept. 18.
Smith, Raymond W., Detroit, Mich. Reflector for autos. 1,466,567; Aug. 28.
Smith, Reinold V., Eureka, Utah. Recovering zinc from lead-zinc ores. 1,452,662; Apr. 24.
Smith, Reinold V., assignor to Eureka Metallurgical Company, Salt Lake City, Utah. Concentrating ores. 1,459,167; June 19.
Smith, Reuben S., assignor to A. O. Smith Corporation, Milwaukee, Wis. Electromagnetic device for serving rivets to nailing machines. 1,441,250; Jan. 9.
Smith, Reuben S., assignor to A. O. Smith Corporation, Milwaukee, Wis. Punching press and die therefor. 1,452,224; Apr. 17.
Smith, Reuben S., assignor to A. O. Smith Corporation, Milwaukee, Wis. Forming curved flanged bars. 1,452,225; Apr. 17.
Smith, Reuben S., assignor to A. O. Smith Corporation, Milwaukee, Wis. Apparatus for electric-arc welding. 1,453,025; Apr. 24.
Smith, Reuben S., assignor to A. O. Smith Corporation, Milwaukee, Wis. Apparatus for arc welding. 1,453,026; Apr. 24.
Smith, Reuben S., assignor to A. O. Smith Corporation, Milwaukee, Wis. Self-anchoring rivet. 1,457,008; May 29.
Smith, Reuben S., assignor to A. O. Smith Corporation, Milwaukee, Wis. Automobile frame and pressed-steel constructional elements therefor. 1,473,651; Nov. 13.
Smith, Reuben S., assignor to A. O. Smith Corporation, Milwaukee, Wis. Die for drawing presses. 1,475,355; Nov. 27.
Smith, Reuben S., Milwaukee, Wis., assignor, by mesne assignments, to First Wisconsin Trust Company, trustee. Flexible die for bending thin metal plates in the direction of their width. 1,470,399; Oct. 9.
Smith, Reuben S., Milwaukee, Wis., assignor, by mesne assignments, to First Wisconsin Trust Company. Process and apparatus for making flanged bars. 1,477,778; Dec. 18.
Smith, Reuben S., Milwaukee, Wis., assignor, by mesne assignments, to First Wisconsin Trust Company. Process and apparatus for making flanged crossbars for automobile frames. 1,477,779; Dec. 18.
Smith, Reuben S., Milwaukee, and R. Stresau, Wauwatosa, assignors to A. O. Smith Corporation, Milwaukee, Wis. Process and apparatus for locally annealing metal plates. 1,446,354; Feb. 20.
Smith, Reuben S., and J. L. Adams, jr., assignors to A. O. Smith Corporation, Milwaukee, Wis. Intermittingly-operating motor set. 1,450,339; Apr. 3.

Smith, Reuben S., and J. L. Adams, jr., assignors to A. O. Smith Corporation, Milwaukee, Wis. Intermittingly-operating motor system. 1,450,340; Apr. 3.
Smith, Reuben S., H. Miller, and F. Orton, assignors to A. O. Smith Corporation, Milwaukee, Wis. Press for offsetting metal plates in the line of their width. 1,466,104; Aug. 28.
Smith, Richard C., Seattle, Wash. Lantern-slide projecting apparatus. 1,453,893; May 1.
Smith, Robert A., Philadelphia, Pa. Hair-cutting device. 1,454,458; May 8.
Smith, Robert A., Mahwah, assignor to Smith & Serrell, Elizabeth, N. J. Apparatus and process for fitting driving keys. 1,467,399; Sept. 11.
Smith, Robert A., Mahwah, N. J., and E. B. Gray, Troy, Pa., assignors to Smith & Serrell, Elizabeth, N. J. Driving key. 1,467,400; Sept. 11.
Smith, Robert B., assignor to Ansley Aerial Company, Ansley, Nebr. Aeroplane. 1,446,522; Feb. 27.
Smith, Robert B., Stoughton, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Eyeleting. 1,468,039; Sept. 18.
Smith, Robert B., Stoughton, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Eyeleting machine. 1,468,086; Sept. 18.
Smith, Robert B., deceased, Stoughton, by H. A. Cassidy, Chatham, and H. B. Smith, Stoughton, Mass., executors, assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for setting eyelets and the like. 1,440,563; Jan. 2.
Smith, Robert E. (See Clayton, William F., assignor.)
Smith, Robert E. (See Smith, Arthur A. and R. E.)
Smith, Robert E., Thermopolis, Wyo. Grappling tool. 1,456,943; May 29.
Smith, Robert L., and G. E. Sandland, Erith, assignors to Vickers Limited, Westminster, London, England. Apparatus for testing the hardness of materials. 1,478,621; Dec. 25.
Smith, Robert R., assignor to Los Angeles Railway Corporation, Los Angeles, Calif. Coupon transfer. 1,473,940; Nov. 13.
Smith, Robert W., Redditch, England. Saddle or seat of motor cycles, cycles, and the like. 1,458,909; June 12.
Smith, Robert W., assignor of one-half to The Enfield Cycle Company, Limited, Redditch, England. Starting device for motor cycles and the like. 1,469,116; Sept. 25.
Smith, Roscoe L., et al. (See Byrne, John F., assignor.)
Smith, Rosell, Lebanon, Ind. Chain sand dredge. 1,451,479; Apr. 10.
Smith, Ross H., Erie, Pa. Machine for bricking ice cream. 1,463,850; Aug. 7.
Smith, Ross H., Erie, Pa. Bricking ice cream. 1,463,851; Aug. 7.
Smith, Rowland D., assignor to Corning Glass Works, Corning, N. Y. Mold. 1,449,789; Mar. 27.
Smith, Roy H., Kent, Ohio. Socket wrench. 1,442,184; Jan. 16.
Smith, Roy H., Kent, Ohio. Making Tools. 1,442,185; Jan. 16.
Smith, Rudgyard I., Washington, D. C. Preserving wood. 1,467,819; Sept. 11.
Smith, Russell A., Port Hope, Mich. Monument. Des. 61,810; Jan. 16.
Smith, Ruth A., et al., executors. (See Raabe, Otto L.)
Smith, Samson H. (See Hutchens, R. W., and Smith.)
Smith, Samuel C., Algiers, La. Car brake and car mechanism. 1,478,923; Dec. 25.
Smith, Samuel H., assignor of one-half to W. B. Loudenslager, Atlantic City, N. J. Float. 1,465,370; Aug. 21.
Smith, Samuel L., assignor to Smith Manufacturing Co., Inc., Ellensburg, Wash. Article of manufacture. 1,476,732; Dec. 11.
Smith & Serrell. (See Smith, Robert A., assignor.)
Smith & Serrell. (See Smith, R. A., and Gray, assignors.)
Smith, Shelby J., Washington, Ill. Earth-boring tool. 1,442,984; Jan. 23.
Smith, Sidney S., Corinna, Me. Railway tie. 1,465,289; Aug. 21.
Smith, Stanley C. (See Webb, George W., assignor.)
Smith, Stanley G. (See Freeman, W. F., and Smith.)
Smith, Sydney A., Boston, Mass. Transmission gear. 1,457,945; June 5.
Smith, Theodore M., New York, N. Y. Educational device. 1,457,468; June 5.
Smith, Thomas, St. Louis, Mo. Oiler. 1,477,725; Dec. 18.
Smith, Thomas C., Bridgeport, Conn., assignor of one-third to G. P. Smith and R. E. Dickinson, both of New Haven, Conn., and one-third to A. C. Menges and R. L. Carr, both of Memphis, Tenn. Piston. 1,460,041; June 26.
Smith, Thomas E., Good Springs, Tenn. Churn. 1,454,770; May 8.
Smith, Thomas F., Tulsa, Okla. Burner. 1,459,295; June 19.
Smith, Thomas N., San Angelo, Tex. Internal-combustion engine. 1,449,304; Mar. 20.
Smith, Trow S., Chicago, Ill. Method and instrument for surveying. 1,443,390; Jan. 30.
Smith, Ulysus G., Fayette, Ohio. Artificial bait. 1,445,916; Feb. 20.
Smith, Vernon B. (See Newman, Thomas, assignor.)
Smith, Victor J., Burley, Idaho. Berry or fruit receptacle. 1,448,603; Mar. 13.
Smith, W. Hawley. (See Campbell, Robert J., assignor.)
Smith, Walter. (See Fagan, Joseph A., assignor.)
Smith, Walter D., Rosedale, Kans. Account book. 1,442,832; Jan. 23.
Smith, Walter H., assignor to Miller Saw-Trimmer Company, Pittsburgh, Pa. Sheet heating and drying device. 1,440,640; Jan. 2.
Smith, Walter H., assignor to Miller Saw-Trimmer Company, Pittsburgh, Pa. Stop device for sheet feeders. 1,468,754; Sept. 25.
Smith, Walter I., Brooklyn, and A. R. Burnette, New York, N. Y. Cleaning tunnels, subways, or the like. 1,443,286; Jan. 23.
Smith, Walter J., assignor to McQuay-Norris Mfg. Co., St. Louis, Mo. Grinding machine. 1,440,639; Jan. 2.
Smith, Walter L. (See Barsby, S. C., and Smith.)
Smith, Walter L., New York, N. Y. Rain shield. 1,451,276; Apr. 10.
Smith, Walter R., New Orleans, La. Game trap. 1,448,467; Mar. 13.
Smith, Walter R., Lompoc, Calif. Valve. 1,452,764; Apr. 24.
Smith, Walter S., Columbus, Ohio. Spring scale. 1,457,194; May 29.
Smith, Walter S., Foxboro, Mass. Water-heating apparatus. 1,460,042; June 26.
Smith, Walter W. (See Brandenberg, J., and Smith.)
Smith, Warren A. (See Widell, M. E., and Smith.)
Smith, Wesley F., Bandana, Ky. Shade roller. 1,450,520; Apr. 3.
Smith and Wesson, Inc. (See Wesson, H., and Pomeroy, assignors.)
Smith, Willard C. (See Warren, N. J., and Smith.)
Smith, Willard C. (See Warren, N. J., and Smith, assignors.)
Smith, William, and P. J. Spillane, Houston, Pa. Tongs. 1,470,400; Oct. 9.
Smith, William A., assignor to The Denver Rock Drill Manufacturing Company, Denver, Colo. Drilling apparatus. 1,443,099; Jan. 23.
Smith, William C., assignor to Pullman Company, Chicago, Ill. Self-aligning pulley. 1,454,657; May 8.
Smith, William C., assignor to Thos. Mills & Bro., Inc., Philadelphia, Pa. Candy-forming machine. 1,478,924; Dec. 25.
Smith, William E. (See Osgood, W. P., Smith, and Peabody.)
Smith, William H. (See Smith, Charles F. and W. H.)
Smith, William H., Bridgeport, Conn. Spring wheel. 1,451,517; Apr. 10.
Smith, William H., Bridgeport, Conn. Resilient wheel. 1,454,342; May 8.
Smith, William H., East Cleveland, Ohio. Stop and waste valve. 1,454,415; May 8.
Smith, William H., East Cleveland, Ohio. Faucet. 1,472,816; Nov. 6.
Smith, William H., Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. Y. Packaged article. 1,459,754; June 26.
Smith, William H. F., Milwaukee, Wis., assignor, by mesne assignments, to International Harvester Company. Separator spindle bearing. 1,446,134; Feb. 20.
Smith, William H. F., Milwaukee, Wis., assignor, by mesne assignments, to International Harvester Company. Speed indicator. 1,460,218; June 26.
Smith, William J., assignor of one-fourth to J. S. Rawson and one-fourth to J. A. H. Colgan, New York, N. Y. Automobile lock. 1,453,531; May 1.
Smith, William S., Cambridge, Mass. Control system for electric elevators. 1,443,766; Jan. 30.
Smith, William S., and F. S. Williams, Philadelphia, Pa. Check-punching device. 1,465,531; Aug. 21.
Smith, Winfield D., Newark, N. J. Reversible driving gear. 1,451,793; Apr. 17.
Smith, Wolf, Philadelphia, Pa. Lifting device. 1,442,101; Jan. 16.
Smithe, F. L., Machine Company. (See Quinlan, Thomas A., assignor.)
Smithers, William E. G., Kingston-on-Thames, England. Cinematograph machine adapted for advertising purposes. 1,454,001; May 1.
Smithfield, Emil A., and W. H. Noelting, assignors to Faultless Caster Company, Evansville, Ind. Truck caster wheel. 1,463,397; Oct. 2.
Smithies, James. (See Mather, W. A., and Smithies.)
Smith's Dock Company Limited. (See Thompson, Herbert A., assignor.)
Smith's John E., Sons Company. (See Knowlton, Eugene W., assignor.)
Smithson, Arthur. (See Bogie, G. M., and Smithson.)
Smithson, Lottie, Los Angeles, Calif. Hair curling and waving device. 1,440,503; Jan. 2.
Smolk, Harry W., Cleveland, Ohio. Machine for use in manufacturing tire tubes. 1,450,235; Apr. 3.
Smookler, Harry, Los Angeles, Calif. Kitchen tool. 1,451,594; Apr. 10.
Smout, Donald T. (See Flood, W. H., and Smout.)

Alphabetical list of patentees—Continued.

Smreker, Oscar, assignor to the Firm Internationale Siegwartbalken-Gesellschaft, Lucerne, Switzerland. Manufacture of railway sleepers and the like of reenforced concrete. 1,454,794; May 8.
Smyth, John B., Beaumont, Tex. Treating rock asphalt. 1,452,898; Apr. 24.
Smythe, Edwin H., Evanston, Ill. Window screen. 1,471,534; Oct. 23.
Smythe, Horace E., Pittsburgh, Pa. Furnace. 1,457,556; June 5.
Smythe, Horace E., Pittsburgh, Pa. Furnace. 1,457,557; June 5.
Smythe, Richard M., assignor, by mesne assignments, to Rex Metal Products Co., Inc., Brooklyn, N. Y. Dish drainer. 1,446,592; Feb. 27.
Smythe, Richard M., Boonton, N. J., assignor, by mesne assignments, to Rex Metal Products Co., Inc., Brooklyn, N. Y. Disk drainer. 1,466,514; Aug. 28.
Smythe, Thomas E., Grand Rapids, Mich. Pneumatic pump. 1,456,013; May 22.
Snadecki, William J., Bridgeport, Conn., assignor to R. Crane, Washington, D. C. Internal-combustion motor. 1,455,815; May 22.
Snagg, Cornelius N., assignor to The Simonsville Manufacturing Company, Waterbury, Conn. Auxiliary air-inlet device for internal-combustion engines. 1,457,403; June 5.
Snamiska, Henry F., Bremerton, Wash. Precious-metals concentrator. 1,460,452; July 3.
Snap-On Wrench Company. (See Johnson, Joseph, assignor.)
Snappy Sales Company. (See Davis, Marcus J., assignor.)
Snazelle, Oswold H., J. Hetherington. and L. M. McIldowie, London, England. Apparatus for cleaning windows and similar purposes. 1,468,219; Sept. 18.
Snead & Co. Iron Works. (See Macdonald, Angus S., assignor.)
Snead, Herbert S., Montclair, assignor to Otis Elevator Company, Jersey City, N. J. Safety device for elevator cars. 1,463,297; July 31.
Sneddon, James. (See Stitt, David, assignor.)
Sneddon, James P., deceased, by J. S. Sneddon, Bayonne, N. J., and E. R. Stettinius, New York, N. Y., executors, assignors to Pittsburgh Seamless Tube Company, Beaver Falls, Pa. Furnace. 1,448,160; Mar. 13.
Sneddon, James P., deceased, by J. S. Sneddon, Bayonne, N. J., and E. R. Stettinius, New York, N. Y., executors, assignors to Pittsburgh Seamless Tube Company, Beaver Falls, Pa. Furnace. 1,448,161; Mar. 13.
Sneddon, James P., deceased, by J. S. Sneddon, Bayonne, N. J., and E. R. Stettinius, New York, N. Y., executors, assignors to Pittsburgh Seamless Tube Company, Beaver Falls, Pa. Furnace. 1,448,162; Mar. 13.
Sneddon, James P., deceased, by J. S. Sneddon, Bayonne, N. J., and E. R. Stettinius, New York, N. Y., executors, assignors to Pittsburgh Seamless Tube Company, Beaver Falls, Pa. Furnace. 1,448,163; Mar. 13.
Sneddon, James S., et al., executors. (See Sneddon, James P.)
Snedeker, James W., Adrian, Mich. Tool holder. 1,465,691; Aug. 21.
Snedeker, James W., assignor to Page Steel & Wire Company, Adrian, Mich. Fence loom. 1,475,324; Nov. 27.
Snediker, Morton O. (See Powers, F. W., and Snediker.)
Snell, Charles M., Danbury, Conn. Automatic traffic signal. 1,473,448; Nov. 6.
Snell, James W. H., Detroit, Mich. Machine for installing and removing tires from rims. 1,467,122; Sept. 4.
Snell, Leroy S., Utica, N. Y. Track signal. 1,461,165; July 10.
Snell, Lyle K., assignor to The Willys-Overland Company, Toledo, Ohio. Breather tube. 1,452,259; Apr. 17.
Snell, Lyle K., and C. W. McKinley, assignors to The Willys-Overland Company, Toledo, Ohio. Support for controlled mechanism. 1,468,522; Sept. 18.
Snell, Samuel A., assignor to Moon Brothers Manufacturing Company, St. Louis, Mo. Jack. 1,452,533; Apr. 24.
Snell, Samuel A., assignor to Moon Brothers Manufacturing Company, St. Louis, Mo. Jack mechanism. 1,460,116; June 26.
Snell, Samuel A., St. Louis, Mo., assignor to H. W. Bundy, Detroit, Mich. Steering wheel. 1,452,534; Apr. 24.
Snelling, Walter O., Allentown, Pa. Manufacture of ink. 1,449,067; Mar. 20.
Snelling, Walter O., Allentown, Pa. Beverage. 1,461,808; July 17.
Snelling, Walter O., Allentown, Pa. Phenolic condensation product. 1,462,771; July 24.
Snelling, Walter O., Allentown, Pa., assignor to Trojan Powder Company, New York, N. Y., Explosive composition. 1,456,341; May 22.
Snelling, Walter O., Allentown, Pa., assignor to Trojan Powder Company, New York, N. Y. Detonator. 1,462,074; July 17.
Snelling, Walter O., Allentown, Pa., assignor to Trojan Powder Company, New York, N. Y. Detonator composition. 1,462,075; July 17.
Snelling, Walter O., Allentown, Pa., assignor to Trojan Powder Company, New York, N. Y. Explosive. 1,464,667; Aug. 14.
Snelling, Walter O., Allentown, Pa., assignor to Trojan Powder Company, New York, N. Y. Nitrostarch explosive. 1,472,691; Oct. 30.
Snelling, Walter O., Allentown, Pa., assignor to Trojan Powder Company, New York, N. Y. Explosive composition. 1,473,257; Nov. 6.
Snelling, Walter O., and W. R. Lams, Allentown, Pa., assignors to Trojan Powder Company, New York, N. Y. Treating undried organic nitrates. 1,441,130; Jan. 2.
Snelson, Levi F. (See Tutt, A. C., and Snelson.)
Snider, Charles A., Atlanta, Ga. Airship. 1,466,732; Sept. 4.
Snider, Clint B., Independence, Kans. Tire-removing tool. 1,475,517; Nov. 27.
Snider, Clint B., Independence, Kans. Tire-removing tool. 1,475,518; Nov. 27.
Snider, Clint B., Independence, Kans. Tire-removing tool. 1,475,519; Nov. 27.
Snider, Lloid H., Grand Rapids, Mich. Cabinet table. 1,472,570; Oct. 30.
Snider, T. A., Preserve Company, The. (See Street, Wade L., assignor.)
Snider, William H., Welcome, N. C. Advertising apparatus. 1,472,692; Oct. 30.
Snodgrass, Charles W., et al., trustees. (See Snodgrass, C. W., and Whitmoyer, assignors.)
Snodgrass, Charles W., Denver, Colo., and W. R. Whitmoyer, Detroit, Mich., assignors to R. O. Bolles, C. W. Snodgrass, and W. R. Whitmoyer, trustees of S. & W. Transmission Association, Denver, Colo. Gear transmission. 1,453,413; May 1.
Snodgrass, Harlan E., Summit, and T. M. Hunter, assignors, by mesne assignments, to Newark Tube Company, Newark, N. J. Transformer and application of the same to heating. 1,478,262; Dec. 18.
Snodgrass, Harlan E., Summit, and T. M. Hunter, assignors, by mesne assignments, to Newark Tube Company, Newark, N. J. Method of and apparatus for electric welding. 1,478,302; Dec. 18.
Snohr, William F., Chicago, Ill. Street-car barn. 1,449,202; Mar. 20.
Snoke, Ebert H., Orrstown, Pa. Retainer for starting-crank pins. 1,476,378; Dec. 4.
Snook, Homer C., South Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Vacuum pump. 1,471,012; Oct. 16.
Snorf, Newton L., Chicago, Ill., assignor to Edmunds & Jones Corporation. Electric switch. 1,465,692; Aug. 21.
Snorf, Newton L., Chicago, Ill., assignor to Edmunds & Jones Corporation. Tonneau lamp. 1,476,929; Dec. 11.
Snow, Arthur E., assignor to The American Laundry Machinery Company, Norwood Station, Cincinnati, Ohio. Cushioning device for pressing machines. 1,465,493; Aug. 21.
Snow, Barton S., Batavia, assignor to T. W. Snow Construction Co., Chicago, Ill. Smokejack. 1,478,263; Dec. 18.
Snow, Daniel W., Fillmore, Calif. Wire-rope socket. 1,440,504; Jan. 2.
Snow, Frederick O., jr., Winchester, assignor to Mead-Morrison Manufacturing Company, East Boston, Mass. Winch. 1,450,311; Apr. 3.
Snow, Henry W., Dayton, Ohio. Fencepost mold. 1,456,286; May 22.
Snow, Isaac, Lawrence, assignor to Draper Corporation, Hopedale, Mass. Filling-replenishing loom. 1,445,646; Feb. 20.
Snow, Isaac, Lawrence, assignor to Draper Corporation, Hopedale, Mass. Feeler mechanism for looms. 1,445,647; Feb. 20.
Snow, Isaac, Lawrence, assignor to Draper Corporation, Hopedale, Mass. Feeler mechanism for looms. 1,454,343; May 8.
Snow, Isaac, Lawrence, assignor to Draper Corporation, Hopedale, Mass. Feeler mechanism for looms. 1,463,131; July 24.
Snow, Isaac, Lawrence, assignor to Draper Corporation, Hopedale, Mass. Feeler mechanism for looms. 1,478,264; Dec. 18.
Snow, Isaac, Lawrence, assignor to Hopedale Manufacturing Company, Milford, Mass. Filling-feeler mechanism for looms. 1,466,855; Sept. 4.
Snow, Isaac, Lawrence, assignor to Hopedale Manufacturing Company, Milford, Mass. Warp stop motion for looms. 1,472,500; Oct. 30.
Snow Manufacturing Company. (See Livingston, Frank S., assignor.)
Snow, Philip C., Swarthmore, assignor to Globe Ticket Company, Philadelphia, Pa. Check-notching device. 1,467,910; Sept. 11.
Snow, T. W., Construction Co. (See Snow, Barton S., assignor.)
Snowden, James C., et al. (See Garland, George K., assignor.)
Snowden, Scott, Modesto, Calif. Camera. 1,463,446; July 31.
Snowman, William D., Ashland, Me. Tool-handle remover. 1,453,288; May 1.
Snuffer, Samuel H., and J. A. Shanks, Daniels, W. Va. Flytrap. 1,441,306; Jan. 9.
Snyder, Allen E. and M., Bowmanstown, Pa. Train control. 1,443,807; Jan. 30.

Snyder, Allen E., Bowmanstown, and M. Snyder, Lehighton, Pa. Train-controlling mechanism. 1,458,448; June 12.
Snyder, Andrew M., Hamilton, Ohio. Cleaning and polishing fluid. 1,472,402; Oct. 30.
Snyder, Atherton B., Grass Valley, Calif. Recording device for liquid pumps. 1,448,164; Mar. 13.
Snyder, Atherton B., Grass Valley, Calif. Recording device for liquid pumps. 1,452,663; Apr. 24.
Snyder, Augustus E., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Carton. 1,464,835; Aug. 14.
Snyder, Augustus E., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Package and method of packing fragile articles. 1,470,200; Oct. 9.
Snyder & Black, Incorporated. (See Sommers, Bela I., assignor.)
Snyder, Cairo L., Marion, Ind. Electric-light device. 1,458,999; June 19.
Snyder, Charles A., Philadelphia, Pa. Treatment of artificial silk. 1,474,560; Nov. 20.
Snyder, Charles D., Berrien Springs, Mich. Roller for skates. 1,460,183; June 26.
Snyder, Charles F., Pittsburgh, Pa. Facing or cutting tool. 1,453,197; Apr. 24.
Snyder, Charles F., Pittsburgh, Pa. Pocket match carrier. 1,465,187; Aug. 14.
Snyder, Charles F., Pittsburgh, Pa. Facing or cutting tool. 1,469,279; Oct. 2.
Snyder, Charles S., Philadelphia, Pa. Heater. 1,470,940; Oct. 16.
Snyder, Christopher H., Berkeley, Calif. Means for holding reenforcing fabrication of concrete floors and slabs. 1,464,886; Aug. 14.
Snyder, Daniel F., Garwood, N. J., assignor to The Aeolian Company. Sound box. 1,454,909; May 15.
Snyder, Earl D., Albany, Ill. Cushion wheel. 1,453,198; Apr. 24.
Snyder, Edward H., Baltimore, Md. Apparatus for teaching telegraphy. 1,449,305; Mar. 20.
Snyder, Edward H., Salt Lake City, Utah. Separating zinc and lead. 1,453,289; May 1.
Snyder, Edward R., East Orange, N. J., and C. W. Mortimer, Brooklyn, N. Y., assignors to The Barrett Company. Roof covering. 1,462,772; July 24.
Snyder, Eugene, Barberton, Ohio, assignor to The Diamond Match Company, Chicago, Ill. Machine for packing matches. 1,459,037; June 19.
Snyder, Frank M., assignor to The Peerless Wire Goods Company, La Fayette, Ind. Detachable foot for wire trays. 1,463,098; July 24.
Snyder, Frederick T., Oak Park, Ill. Generating gas. 1,467,957; Sept. 11.
Snyder, Frederick T., New York, N. Y. Making pipe and in a special form of pipe. 1,476,734; Dec. 11.
Snyder, George C., New York, N. Y. Manufacture of polyhedral laminated articles. 1,466,034; Aug. 28.
Snyder, Henry, Chicago, Ill. Signaling device. 1,475,035; Nov. 20.
Snyder, Herbert W. (See Townsend, A. J., and Snyder.)
Snyder, Hiram B., Fullerton, Calif. Method and apparatus for producing a chemical union between hydrocarbon gases and hydrocarbon oils. 1,454,567; May 8.
Snyder, Howard F., assignor to Maytag Company, Newton, Iowa. Washing machine. 1,461,632; July 10.
Snyder, John E., Wilkinsburg, Pa., assignor to Westinghouse Electric and Manufacturing Company. Blade shrouding. 1,457,404; June 5.
Snyder, John M., York, Pa. Combined bench and music cabinet. 1,458,449; June 12.
Snyder, Lee R., Caretta, W. Va. Fishplate bond protector. 1,468,177; Sept. 18.
Snyder, Moses. (See Snyder, Allen E. and M.)
Snyder, O K, assignor to American Wood Rim Company, Onaway, Mich. Wooden steering wheel with laminated hub. 1,469,194; Sept. 25.
Snyder, Robert F., Terre Haute, Ind. Car construction. 1,440,418; Jan. 2.
Snyder, Samuel S., and G. W. Short, White Sulphur Springs, Mont. Poison container. 1,443,287; Jan. 23.
Snyder, Samuel W., assignor of one-third to J. H. Wable and one-third to W. Hummell, Hamlet, Nebr. Drawbars for towing vehicles. 1,450,759; Apr. 3.
Snyder, Simeon, Filley, Nebr. End gate. 1,440,564; Jan. 2.
Snyder, Simon, assignor to Sprout, Waldron & Co., Muncy, Pa. Attrition-mill plate. 1,477,013; Dec. 11.
Snyder, Stephen H., West Pittston, Pa. Mine air stop. 1,478,303; Dec. 18.
Snyder, Walter, assignor of one-half to R. L. Hatfield, Newark, N. J. Apparatus for applying heads to music-roll tubes. 1,462,305; July 17.
Snyder, Ward H., and F. F. Farkas, Chicago, Ill. Shutter-controlling mechanism. 1,447,906; Mar. 6.
Snyder, Ward H., and F. F. Farkas, Chicago, Ill. Diaphragm. 1,469,763; Oct. 2.
Snyder, William H. (See Whitaker, R., jr., and Snyder.)
Snyder, William J., Weehawken, N. J. Surgical needle. 1,449,068; Mar. 20.
Soane, Charles E., assignor of one-half to Usher-Walker Limited, London, England. Production of plastic compositions. 1,468,331; Sept. 18.
Sobel, Samuel, Seagate, N. Y. Pedestal for display fixtures. Des. 63,507; Dec. 11.
Sobolewski, Roman, Chicago, Ill. Bark-stripping machine. 1,443,968; Feb. 6.
Societa Fabbrica di Tavelloni "Achille Orzali & Compagnia." (See Orzali, Achille, assignor.)
Societe Alsacienne de Constructions Mecaniques. (See Roth, René, assignor.)
Societe Anonyme Adolphe Saurer. (See Laessker, Jean, assignor.)
Societe Anonyme Adolphe Saurer. (See Mayer, H., Schlatter, and Boeckly, assignors.)
Societe Anonyme Adolphe Saurer. (See Saurer, Hippolyt, assignor.)
Société Anonyme Anciens Ateliers A. Dandrieux. (See Dandrieux, Auguste, assignor.)
Societe Anonyme Belge "Saber" Entreprises & Revetements. (See Anspach, Marcel, assignor.)
Societe Anonyme des Appareils J. E. Malivert. (See Malivert, Jules E., assignor.)
Societe Anonyme des Ateliers de Secheron. (See Belli, Charles J., assignor.)
Société Anonyme d'Escaut & Meuse. (See Lenté, Jacques, assignor.)
Societe Anonyme des Etablissements L. Bleriot. (See Bossu, Pierre, assignor.)
Societe Anonyme des Etablissements Nieuport. (See Delage, Gustave, assignor.)
Societe Anonyme des Matières Colorantes & Produits Chimiques de Saint-Denis. (See Wahl, A., and Lantz, assignors.)
Societe Anonyme d'Horlogerie et Bijouterie de Geneve. (See Varaud, André, assignor.)
Société Anonyme Ougree-Marihaye. (See Delporte, Henri, assignor.)
Societe Anonyme pour l'Exploitation des Procedes Maurice Leblanc-Vickers. (See Leblanc, Charles L. A. M., assignor.)
Societe Anonyme pour l'Exploitation des Procedes Westinghouse Leblanc. (See Leblanc, Maurice, assignor.)
Societe Chimique des Usines du Rhone. (See Altwegg, Jean, assignor.)
Societe Chimique des Usines du Rhone. (See Sisley, Edouard P., assignor.)
Societe d'Entreprise Meuniere. (See Chopin, Marcel, assignor.)
Société des Cheminees Louis Prat à Tirage induit. (See Prat, Emile, assignor.)
Société des Fabriques de Spiraux Réunies. (See Guillaume, Charles E., assignor.)
Societe des Moteurs Salmson (Systeme Canton Unne.) (See Postel-Vinay, Pierre J. R., assignor.)
Société des Trains Chenard & Walcker F. A. R. (See Lagache, André, assignor.)
Société d' Ostique et de Mecanique de Haute Précision. (See Chaussard, Ernest, assignor.)
Societe du Carburateur. (See Ferris, Frank E., assignor.)
Societe du Carburateur Zenith. (See Heftler, Victor R., assignor.)
Societe Du Feutre. (See Chevalier, Albert, assignor.)
Societe Generale Agricole. (See Petit, Amédée, assignor.)
Société Laflèche Frères. (See Laflèche, Pierre M. J., assignor.)
Societe l'Air Liquide Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude. (See Claude, Georges, assignor.)
Societe les Petits Fils de Francois de Wendel et Cie. (See Weber, Guillaume, assignor.)
Société Lyonnaise de Compteurs d'Eau. (See Arnaud, Benjamin A., assignor.)
Société Lyonnaise d'Industrie Mécanique. (See Adenot, Marius, assignor.)
Societe Nouvelle des Etablissements Alfred Maguin. (See Maguin, Abel, assignor.)
Society Fabriques des Moutres Zenith Successeur de Fabriques des Montres. Zenith Georges Favre-Tacot and Cie. (See Andreino, Hector, assignor.)
Society Meyrel Freres. (See Seng, Camille, assignor.)
Society of Chemical Industry in Basle. (See De Montmollin, Guillaume, assignor.)
Society of Chemical Industry of Basle. (See De Montmollin G., and Spieler, assignors.)
Society of Chemical Industry in Basle. (See de Montmollin, G., Spieler, and Bonhôte, assignors.)
Society of Chemical Industry in Basle. (See Reber, Emil, assignor.)
Society of Chemical Industry in Basle. (See Staudinger, H., Veraguth, and Tobler, assignors.)
Society of Chemical Industry in Basle. (See Straub, Fritz, assignor.)
Soderberg, Andrew W., Munhall, Pa. Conveying mechanism. 1,458,859; June 12.
Söderberg, Carl W., assignor to Det Norske Aktieselskab for Elektrokemisk Industri, Christiania, Norway. Electrode for electric furnaces and manufacturing the same. 1,440,724; Jan. 2.
Söderberg, Carl W., assignor to Det Norske Aktieselskab for Elektrokemisk Industri of Norway, Christiania, Norway. Baking carbon electrodes. 1,441,037; Jan. 2.
Söderberg, Carl W., assignor to Det Norske Aktieselskab for Elektrokemisk Industri, Christiania, Norway. Suspending electrodes. 1,442,031; Jan. 9.

Alphabetical list of patentees—Continued.

Soderberg, Jacob, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Headlight glass or lens. 1,478,680; Dec. 25.
Soderberg, Jacob, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Headlight glass or lens. 1,478,681; Dec. 25.
Soderberg, John G., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Yarn-tube frame. 1,462,523; July 24.
Soderberg, Mary P., Portland, Oreg. Cutter or mixer. 1,469,691; Oct. 2.
Soderberg, Walter E. Duluth, Minn. Snare drum. 1,442,833; Jan. 23.
Soderstrom, Gustave. (See Whittles, George C., assignor.)
Soderstrom, John A., Chicago, Ill. Necktie. 1,455,362; May 15.
Soderstrom, John E., Stockholm, Me. Sled brake. 1,464,372; Aug. 7.
Soderstrom, Oscar, Plainville, Mass., assignor to Whiting & Davis Company. Machine for cutting link mesh. 1,440,845; Jan. 2.
Soderstrom, Oscar, Plainville, Mass., assignor to Whiting & Davis Company. Link-mesh-cutting machine. 1,447,736; Mar. 6.
Soenksen, James C., Aurora, Ill. Advertising-sign display equipment for passenger cars. 1,471,216; Oct. 16.
Soglow, Berthold, New York, N. Y. Decorating walls. 1,475,922; Nov. 27.
Sohlman, Eskil W., Charleston, Wash. Clutch. 1,446,218; Feb. 20.
Sohmer, Albert D., New York, N. Y. Refrigerator. 1,443,438; Jan. 30.
Sohn, Harriett G., Hollywood, Calif. Garment. 1,475,892; Nov. 27.
Sohn, John W., Roxborough, assignor to A. T. Baker & Company, Inc., Philadelphia, Pa. Method and apparatus for beaming warp. 1,465,063; Aug. 14.
Sohn, John W., Roxborough, assignor to A. T. Baker & Company, Inc., Philadelphia, Pa. Method and apparatus for beaming warp. 1,465,064; Aug. 14.
Sohnle, Friedrich, Newark, N. J. Case for holding brushes. 1,471,712; Oct. 23.
Sohst, Otto, assignor to Farbwerke vorm. Meister Lucius & Brüning, Hochst-on-the-Main, Germany. Preparing sulphonic acids of the arylides of 2.3-oxynaphthoic acid. 1,477,014; Dec. 11.
Sokola, Anton, St. Paul, Minn. Mouse and rat trap. 1,447,271; Mar. 6.
Solar Metal Products Company, The. (See Miller, Arthur, assignor.)
Solar-Sturges Manufacturing Co. (See Sturges, Lee, assignor.)
Solar-Sturges Mfg. Co. (See Blank, Robert, assignor.)
Solar-Sturges Mfg. Co. (See Gogay, Henry R., assignor.)
Solar-Sturges Mfg. Co. (See Miller, Arthur, assignor.)
Solar-Sturges Mfg. Co. (See Walker, James, assignor.)
Solarczky, John, assignor of one-half to S. Midura, Perth Amboy, N. J. Ship stabilizer. 1,442,707; Jan. 16.
Solbjer, Birger L., Boston, Mass. Coasting appliance. 1,440,565; Jan. 2.
Soldat, Joseph J., Chicago, Ill. Curtain stretcher. 1,443,391; Jan. 30.
Solemink, Lloyd B., San Francisco, Calif., assignor to A. Schrader's Son, Incorporated, Brooklyn, N. Y. Device to unseat tire valves. 1,475,249; Nov. 27.
Solinger, Henry R., and E. G. Messer, Zillah, assignors to Solinger Power Company, Elmo, Wash. Current motor. 1,461,502; July 10.
Solinger Power Company. (See Solinger, H. R., and
Solliday, Harry J., St. Louis, Mo. Heel pad. 1,469,968; Oct. 9.
Solmson, Robert R., New Brunswick, N. J. Pipe-stamping machine. 1,467,073; Sept. 4.
Solomon, Harry, St. Joseph, Mo. Tie former and holder. 1,441,607; Jan. 9.
Solomon, Julius, Oberlin, and O. C. Billman, Cleveland, Ohio. Shoe-lace fastener. 1,466,673; Sept. 4.
Solomon, Randolph, Washington, D. C. Apparatus for conserving ink. 1,458,860; June 12.
Solon, Faustin J., assignor to The Owens Bottle Company, Toledo, Ohio. Container and holder therefor. 1,455,974; May 22.
Soltesz, Charles, assignor of one-half to J. R. Hladish, New York, N. Y. Horseshoe. 1,461,333; July 10.
Soltesz, Sandor J., New York, N. Y. Combined clip and cleaner for stylographic pens. 1,442,365; Jan. 16.
Soltys, John, Detroit, Mich. Furnace runner-gate-operating mechanism. 1,448,948; Mar. 20.
Soltys, John, Detroit, Mich. Article support. 1,469,692; Oct. 2.
Solvay Process Company. (See Sundstrom, C., and Terziev, assignors.)
Somerfleck, Herman, Brooklyn, N. Y. Handle. Des. 63,508; Dec. 11.
Somers, John J., Bridgeport, Conn. Fastener for reversible garments. 1,453,251; Apr. 24.
Somers, William A., Hamden, assignor to The Mt. Carmel Manufacturing Company, Mount Carmel, Conn. Handle. 1,463,341; July 31.
Somers, William D. (See Nadiz, R. F., and Somers.)
Somerville, George, Denver, Colo. Foot scraper for automobiles. Des. 63,124; Oct. 9.
Somerville, William E., Coal City, Ill. Endless loop or grommet. 1,463,978; Aug. 7.
Somes, Walter F., Jamaica Plain, Mass. Packing for turbine shafts and the like. 1,470,587; Oct. 9.
Sommer, Henry G., Peoria, Ill., assignor, by mesne assignments, to Keystone Steel & Wire Company, Peoria, Ill. Hand tool. 1,451,717; Apr. 17.
Sommer, Hugo H., Madison, Wis. Device for vending sanitary toilet-seat pads. 1,440,897; Jan. 2.
Sommer, J. L., Manufacturing Co. (See Harding, T., and Biehl, assignors.)
Sommer, J. L., Manufacturing Co. (See Sommer, John L., assignor.)
Sommer, John, Peoria, Ill. Tile-placing attachment for ditching machines. 1,463,561; July 31.
Sommer, John, Peoria, assignor to Keystone Steel & Wire Company, Bartonville, Ill. Reel. 1,451,745; Apr. 17.
Sommer, John L., Newark, N. J. Garment hanger. 1,458,114; June 5.
Sommer, John L., Newark, N. J., assignor to J. L. Sommer Manufacturing Co. Garment hanger. 1,458,113; June 5.
Sommer, William H., Peoria, assignor to Keystone Steel & Wire Company, Bartonville, Ill. Farm and poultry fence. 1,477,603; Dec. 18.
Sommerhof, William A., Erie, Pa. Phonograph cabinet. 1,459,000; June 19.
Sommers, Bela I., Tuckahoe, assignor to Snyder & Black, Incorporated, New York, N. Y. Collapsible display device. 1,471,365; Oct. 23.
Sommers, Edward P., Los Angeles, Calif. Starter for internal-combustion engines. 1,457,946; June 5.
Sommers, George A., Marshfield, Wis. Towel holder. 1,460,081; June 26.
Son, Mary W., Gloversville, N. Y. Combined bumper and fender for automobiles. 1,446,942; Feb. 27.
Sonander, Andrew, assignor to Howe Scale Company, Rutland, Vt. Elevating truck. 1,461,371; July 10.
Sonander, Andrew, assignor to Howe Scale Company, Rutland, Vt. Automatic scale. 1,471,072; Oct. 16.
Sones, Peter J. (See Bryan, E. C., and Sones.)
Sonn, Frederick, Woodmere, N. Y. Picture-card frame. 1,450,190; Apr. 3.
Sonne, Thomas, Vancouver, British Columbia, Canada. Awning. 1,459,480; June 19.
Sonneborn, Charles, West Pittsburgh, Pa. Pencil. 1,445,856; Feb. 20.
Sonneborn, Charles, West Pittsburg, Pa. Sharpener for pencil leads. 1,477,192; Dec. 11.
Sonneborn, Sol S., Brooklyn, N. Y., assignor to Hopewell Insulation & Mfg. Co. Stress-distributed insulator. 1,446,593; Feb. 27.
Sonnekes, Frederick J., assignor to E. P. Babcock, Portland, Oreg. Relief and transparencies of plastic material. 1,474,561; Nov. 20.
Sonnemann, Wilhelm. (See Arend, F., Schwalb, and Sonnemann.)
Sonnenburg, Edward J., Watts, Calif. Loose-sheet binder. 1,449,069; Mar. 20.
Sonnenfeld, Benjamin. (See Sonnenfeld, Marcus and B.)
Sonnenfeld, Marcus and B., Philadelphia, Pa. Collar. 1,443,932; Jan. 30.
Sonnenfeld, Max, New York, N. Y. Garment support. 1,462,389; July 17.
Sonnenthal, Irving, New York, N. Y. Hook latch. 1,468,089; Sept. 18.
Sonntag, E. C. (See Sherman, Eldridge B., assignor.)
Sonntag, Eugene, jr., Astoria, assignor to M. Lowenstein & Sons, Inc., New York, N. Y. Textile fabric. Des. 62,266; Apr. 24.
Sonntag, Eugene, jr., Astoria, assignor to M. Lowenstein & Sons, Inc., New York, N. Y. Textile fabric. Des. 62,267; Apr. 24.
Sonoco Products Company. (See Dunlap, Charles K., assignor.)
Sonora, Inc. (See Wolff, Joseph, assignor.)
Sonora Phonograph Corporation. (See Oberst, Frank, assignor.)
Sönsthagen, Asbjörn, West Ealing, London, England. Coating or decorating apparatus. 1,458,368; June 12.
Soolton, George, Philadelphia, Pa. Safety lock. 1,448,283; Mar. 13.
Soper, Charles E., Elmira, N. Y. Cushioned hub. 1,461,166; July 10.
Soper, Ellis C., Chattanooga, Tenn. Tube mill. 1,454,491; May 8.
Sorel, Maurice E. D., Paris, France. Piston for internal-combustion engines. 1,475,520; Nov. 27.
So Relle, Walter B., New York, N. Y. Game club. 1,449,559; Mar. 27.
Soreng, Edgar M., assignor to Briggs & Stratton Company, Milwaukee, Wis. Armature construction. 1,462,585; July 24.
Sorensen, Carl, Greenwich, Conn. Rat trap. 1,474,096; Nov. 13.
Sörensen, Carl J. G., Frederiksted, St. Croix, Virgin Islands. Purifying raw cane juice. 1,448,421; Mar. 13.
Sorensen, Chris V., and H. H. Pansch, Racine, Wis. Brick silo. 1,470,401; Oct. 9.
Sorensen, Frank F., Philadelphia, Pa., and W. D. Craft, Newark, N. J. Machine for cutting file teeth on curved surfaces. 1,457,091; May 29.

Sorensen, Frank F., and P. C. Dyer, assignors, by mesne assignments, to C. J. Fox, Philadelphia, Pa. Method of and apparatus for indicating vacuum-feed-system conditions. 1,449,366; Mar. 20.
Sorensen, Herman I. (See Tabor, Clinton D., assignor.)
Sorensen, Marius M., Vallerod, near Rungsted, Isle of Sealand, Denmark. Device for pulling over uppers on lasts. 1,440,898; Jan. 2.
Sörensen, Marius M., Vallerod, near Rungsted, Denmark. Pulling over uppers. 1,456,287; May 22.
Sörensen, Marius M., Vallerod, near Rungsted, Denmark. Lasting with wire. 1,456,288; May 22.
Sorensen, S. Waldeman, et al. (See Cochran, William R., assignor.)
Sorensen, Sam, Houston, Tex. Pipe wrench. 1,444,216; Feb. 6.
Sorgan, Robert, Jersey City, N. J. Closure. 1,448,094; Mar. 13.
Soros, George, New York, N. Y. Wall-protecting chair attachment. 1,445,726; Feb. 20.
Sorrell, Delos W., et al. (See Goodwin, Adolphus D., assignor.)
Sorrentino, Vincent, assignor to Uncas Manufacturing Company, Providence, R. I. Finger ring. Des. 62,347; May 8.
Sorriguieta, Pedro, Bilbao, Spain. Gas engine. 1,449,560; Mar. 27.
Sosnoskey, Stanley, Phoenixville, Pa. Switchman's rod. 1,470,495; Oct. 9.
Soss, Arthur, Utica, Nebr. Auxiliary clutch for motor vehicles. 1,471,577; Oct. 23.
Soss, Charles J., assignor of one-third to H. Soss and one-third to S. Soss, New York, N. Y. Antirattling device. 1,450,927; Apr. 10.
Soss, Henry, et al. (See Soss, Charles J., assignor.)
Soss, Joseph, Brooklyn, N. Y. Hinge. 1,477,193; Dec. 11.
Soss, Joseph, New York, N. Y. Door-aligning device. 1,447,491; Mar. 6.
Soss, Samuel, et al. (See Soss, Charles J., assignor.)
Sotnikov, Matvei G., Philadelphia, Pa. Cooking utensil. 1,475,606; Nov. 27.
Soty, Joseph, New York, N. Y. Floor construction for reenforced concrete. 1,444,806; Feb. 13.
Soubier, Leonard D. (See Ferngren, E. T., and Soubier.)
Soubier, Leonard D. (See Williams, P. Q., and Soubier.)
Soubier, Leonard D., assignor to The Owens Bottle Company, Toledo, Ohio. Means for transferring glass to molds. 1,446,670; Feb. 27.
Soubier, Leonard D., assignor to The Owens Bottle Company, Toledo, Ohio. Method of and means for feeding molten glass. 1,453,290; May 1.
Soubier, Leonard D., assignor, by mesne assignments, to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Drawing continuous sheet glass. 1,463,273; July 31.
Soucy, Philippe, Minneapolis, Minn. Jointer. 1,441,038; Jan. 2.
Souden, Oscar M. (See Moyle, Edward H., assignor.)
Souder, Charles W., East St. Louis, Ill., assignor to Aluminum Company of America, Pittsburgh, Pa. Treatment of aluminum hydrate sludge. 1,445,917; Feb. 20.
Souder, Howell W., Tamaqua, Pa. Automatic winding means for clock mechanisms. 1,471,314; Oct. 16.
Souders, Herbert V., Wilmington, Calif. Rotary valve. 1,458,557; June 12.
Souders, Herbert V., Wilmington, and J. M. Frost, Long Beach, Calif. Foot accelerator for automobile engines. 1,477,604; Dec. 18.
Souders, Herbert V., Wilmington, assignor of one-half to J. M. Frost, Long Beach, Calif. Jack bolster. 1,457,195; May 29.
Soulé, Edward, Brooklyn, N. Y. Direction-signal casing. Des. 63,091; Oct. 2.
Soule, Emmet S., South Bend, Wash. Hook. 1,473,885; Nov. 13.
Soule, George C. (See Woodbury, J. B., and Soule.)
Soule, Leslie, et al., trustees. (See Melcher, George S., assignor.)
Soulier, Joseph. (See Mayotte, John, assignor.)
Soulis, Harold A., assignor to W. T. Soulis, New York, N. Y. Piston rod. 1,462,833; July 24.
Soulis, Harold A. and W. T., New York, N. Y. Uniting metals. 1,455,307; May 15.
Soulis, Wilbur T. (See Soulis, Harold A., assignor.)
Soulis, Wilbur T. (See Soulis, Harold A. and W. T.)
Sousa, Joseph M., Waverly, assignor of one-fourth to W. Vaughan, Boston, and one-fourth, to C. W. Ham, Newton, Mass. Combined tire carrier and rim remover. 1,446,485; Feb. 27.
Soutar, Charles W. (See Atack, F. W., and Soutar.)
South Bend Bait Co. (See Cass, Frank A., assignor.)
South Bend Motors Company. (See Batherick, Charles E., assignor.)
South Metropolitan Gas Company. (See Parrish, Percy, assignor.)
Southard Robertson Company. (See McGowan, Hugh J., assignor.)
Southcombe, James E., Birkenhead, and H. M. Wells, London, England. Lubricating oil and the manufacture thereof. 1,467,695; Sept. 11.
Souther, E. E., Iron Company. (See Atkinson, Charles E., assignor.)
Southey, Alfred W., London, England. Liquid-fuel burner. 1,444,855; Feb. 13.
Southern Can Company. (See O'Brien, Frank J., assignor.)
Southern Cement Machine Company. (See Cohoon, Robert S., assignor.)
Southern Glass Company. (See Marble, William B., assignor.)
Southern Manganese Corporation. (See Klugh, Bethune G., assignor.)
Southern Textile Machinery Company. (See Arnold, Satterlee T., assignor.)
Southgate, George T., Washington, D. C. Process and apparatus for introducing electric energy into a space of action. 1,443,439; Jan. 30.
Southwark Foundry & Machine Company. (See Schranz, Frederick G., assignor.)
Southwark Foundry & Machine Company. (See Schranz, F. G., and Harman, assignors.)
Southworth, Press C., Columbus, Ohio. Protecting hood for locomotive windows. 1,443,852; Jan. 30.
Soutter, Wilfred W., Birmingham, England. Electrically-heated kettle and the like. 1,441,131; Jan. 2.
Souvielle, Elisa M., Jacksonville, Fla. Thrust bearing. 1,459,452; June 19.
Soylian, George, Brooklyn, assignor of one-fourth to N. Moss, New York, N. Y. Cloth-laying machine. 1,458,896; June 12.
Spadone Machine Co. (See Wegner, Julius and A. E., assignors.)
Spadone Machine Company. (See Wegner, Julius, assignor.)
Spaeth, Adam M., West Bend, Wis. Box-washing apparatus. 1,465,371; Aug. 21.
Spaeth, George F. (See Harbaugh, H. E., Buquo, and Spaeth.)
Spahr, George W., Mechanicsburg, Pa. Separable headrest. 1,460,082; June 26.
Spahr, George W., Mechanicsburg, Pa. Combination headrest and server. 1,465,876; Aug. 21.
Spahr, George W., Mechanicsburg, Pa. Adjustable headrest. 1,465,877; Aug. 21.
Spahr, Otto, assignor to Strause Gas Iron Co., Philadelphia, Pa. Flash igniter for gas burners. 1,454,658; May 8.
Spahr, Robert S. (See Miller, Volney T., assignor.)
Spalding, A. G., & Bros. (See Aldrich, William T., assignor.)
Spalding, A. G., & Bros. (See Pierce, Howard M., assignor.)
Spalding, A. G., & Bros. (See Reach, William F., assignor.)
Spalding, George W., assignor, by mesne assignments, to Mills Belt Company, Worcester, Mass. Loom take-up mechanism. 1,465,693; Aug. 21.
Spalding, John D., and R. S. Johnson, Bay City, Mich. Chuck. 1,448,987; Mar. 20.
Spaleck, Paul, assignor to H. Junkers, Dessau, Germany. Bathing tub. 1,445,243; Feb. 13.
Spaleck, Paul, assignor to H. Junkers, Dessau, Germany. Apparatus for cooking clothes, jam, etc., for steaming food and so on. 1,445,244; Feb. 13.
Spangenberg, Rudolph, assignor to J. L. Call, Oakland, Calif. Wheel gauge. 1,458,598; June 12.
Spangenberger, Carl C., Venice, Calif. Aligner for engine pistons. 1,442,102; Jan. 16.
Spangler, John H., Bemidji, assignor to N. A. Addiss, Minneapolis, Minn. Collapsible box for shipment of eggs and other articles. 1,471,508; Oct. 23.
Spangler Manufacturing Company, The. (See Glaze, Frederick E., assignor.)
Spangler, Washington E., Arlington, Va. Signaling device for vehicles. 1,449,070; Mar. 20.
Spark A. C. Plug Company. (See Berge, Joseph, assignor.)
Sparkes, Harry P., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Measuring instrument. 1,453,414; May 1.
Sparks, Charles, Oak Park, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system. 1,463,600; July 31.
Sparks, Charles, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system. 1,472,254; Oct. 30.
Sparks, Charles, Oak Park, and W. G. Shull, assignors to Kellogg Switchboard and Supply Company, Chicago, Ill. Coil. 1,452,939; Apr. 24.
Sparks, Fred E., Akron, Ohio. Burglar alarm. 1,469,969; Oct. 9.
Sparks, George F. (See Jencks, H. W., Montgomery, and Sparks.)
Sparks, Hamilton B., Terre Haute, Ind. Stovepipe anchor, flue thimble, and flue stopper. 1,469,970; Oct. 9.
Sparks, Harry L., Huntsman, Nebr. Beet topper. 1,450,872; Apr. 3.
Sparks, Samuel, Los Angeles, Calif. Making oiled paper. 1,444,217; Feb. 6.
Sparks, William, assignor to The Sparks-Withington Company, Jackson, Mich. Fuel-feeding device. 1,457,286; May 29.
Sparks, William, Jackson, Mich., assignor, by mesne assignments, to Stewart-Warner Speedometer Corporation, Richmond, Va. Liquid-feeding device. 1,466,387; Aug. 28.

Sparks, William, Jackson, Mich., assignor, by mesne assignments, to Stewart-Warner Speedometer Corporation, Richmond, Va. Fuel-feeding device. 1,472,944; Nov. 6.

Sparks, William, Jackson, Mich., assignor, by mesne assignments, to Stewart-Warner Speedometer Corporation, Richmond, Va. Liquid-feeding device. 1,477,015; Dec. 11.

Sparks-Withington Company, The. (See Sparks, William, assignor.)

Sparling, Benjamin F., Unionville, N. Y. Splice. 1,458,009; June 5.

Sparling, Benjamin F., Unionville, N. Y. Safety device for loading elevators. 1,464,450; Aug. 7.

Sparrow, Arthur, assignor to American Steel Foundries, Chicago, Ill. Brake-beam fulcrum. 1,474,946; Nov. 20.

Sparrow, Arthur E., Chicago, Ill. Front direction signal for motor vehicles. Des. 63,440; Dec. 4.

Spartan Needle Company. (See Taft, Sidney E., assignor.)

Spaugh, Walter T., and C. H. Harrington, Columbus, Ga. Dirigible headlight. 1,441,762; Jan. 9.

Spaulding, Benjamin S., Arcata, Calif. Log trolley. 1,469,025; Sept. 25.

Spaventoy, James, Brooklyn, N. Y. Manual signal for vehicles. 1,455,231; May 15.

Spayth, George W., Fort Wayne, Ind. Tie press. 1,444,218; Feb. 6.

Spears, William, Golden, Colo. Oil pan for internal-combustion engines. 1,477,016; Dec. 11.

Specht, Adolph, assignor to Gem City Stove Manufacturing Company, Quincy, Ill. Damper. 1,474,123; Nov. 13.

Specht, Edward H. (See Northrup, E. C., and Specht.)

Specht, H. Mortimer. (See Scheele, Walter T., assignor.)

Specht, H. Mortimer, Pelham, N. Y. Vehicle wheel. 1,470,333; Oct. 9.

Specht, Louise M., and J. A. Shimek, Chicago, Ill. Fire place heater. 1,475,088; Nov. 20.

Special Chemicals Company. (See Pfanstiehl, Carl, assignor.)

Specialty Automatic Machine Company. (See La Bombard, L. E., and Sidebotham, assignors.)

Specialty Engineering Company. (See Pfeiffer, Charles G., assignor.)

Specialty Manufacturing Company. (See Wood, William D., assignor.)

Speck, Clifford P., Oakland, Calif. Confection-making apparatus. 1,451,031; Apr. 10.

Speck, Clifford P., Oakland, Calif. Depositor for confection-making apparatus. 1,477,085; Dec. 11.

Speck, Emil, Paterson, N. J., assignor to The Taylor-Friedsam Company, New York, N. Y. Ribbon, textile fabric, or article of similar nature. Des. 62,746; July 24.

Speck, Emil, Paterson, N. J., assignor to The Taylor-Friedsam Company. Ribbon, textile fabric, or article of similar nature. Des. 62,862; Aug. 7.

Speck, Emil, Paterson, N. J., assignor to The Taylor-Friedsam Company. Ribbon, textile fabric, or article of similar nature. Des. 62,964; Aug. 28.

Speed, James B., New York, N. Y. Compression of gases. 1,452,619; Apr. 24.

Speed, James B., assignor to Western Electric Company, Incorporated, New York, N. Y. Transmitting device. 1,471,013; Oct. 16.

Speer, Alexander S., Buffalo, N. Y., assignor, by mesne assignments, to The Beaver Products Company, Inc. Making shingle strips. 1,455,232; May 15.

Speer, Arthur R. (See Knox, William J., assignor.)

Speer, Victor. (See Litchfield, E. C. and H. L., and Speer.)

Speicher, Daniel E., Urbana, Ind. Horn seed sower. 1,469,118; Sept. 25.

Speidel, Charles F. (See Robertson, J. A., and Speidel.)

Speidel, Charles F., assignor to Eastman Kodak Company, Rochester, N. Y. Carrying handle for cameras. 1,459,755; June 26.

Speidel, Charles F., assignor to Eastman Kodak Company, Rochester, N. Y. Stylus attachment for cameras. 1,473,798; Nov. 13.

Speke, Frank C. (See Harrington, W. F., and Speke.)

Spelling, Thomas C., New York, N. Y. Receptacle. 1,448,165; Mar. 13.

Spelshouse, Louis L., Baltimore, Md. Knockdown mold for cement garages. 1,462,989; July 24.

Spence, George F., et al. (See Burgess, William E., assignor.)

Spence, L. Jack, et al. (See Orr, Robert I., assignor.)

Spence, Thomas, assignor of one-half to C. E. Davis, Philadelphia, Pa. Record-filing device. 1,458,109; June 5.

Spence, William J., Lynn, Mass. Portable lamp. 1,470,774; Oct. 16.

Spencer, Andy O., Sheffield, Ala. Boltless rail joint. 1,453,957; May 1.

Spencer, Arthur C., Washington, D. C., assignor to The Permutit Company, New York, N. Y. Purifying water. 1,455,363; May 15.

Spencer, Arthur R., and W. J. Plews, Cleveland, Ohio. Apparatus for treating material. 1,442,304; Jan. 16.

Spencer, Arthur R., and W. J. Plews, Cleveland, Ohio. Apparatus for puffing or disintegrating material 1,455,975; May 22.

Spencer, Earl B., Pasadena, Calif. Washing mechanism. 1,475,607; Nov. 27.

Spencer Elevator Co. (See Day, Wallace E., assignor.)

Spencer, Frank M. (See Day, Wallace E., assignor.)

Spencer, Franklin T., A. Jamison, and C. G. Jamison, Painted Post, N. Y. Hot-air heater. 1,464,545; Aug. 14.

Spencer, George H., Glen Osmond, South Australia, Australia. Cigarette case. 1,445,563; Feb. 13.

Spencer, George M., St. Louis, Mo. Air-cleaning attachment for automobile carburetors, air compressors, air-brake systems, etc. 1,469,702; Oct. 2.

Spencer, Horace T., Knoxville, Tenn. Insect-powder blower of the bellows type. 1,462,773; July 24.

Spencer, Hugh M., Newark, N. J., assignor, by mesne assignments, to Seydel Chemical Company, New York, N. Y. Mercurial composition. 1,451,850; Apr. 17.

Spencer, Isaac C., Glendale, Utah. Rifle sight. 1,450,823; Apr. 3.

Spencer, James A., Southall, England. Piston and stuffing-box packing. 1,444,856; Feb. 13.

Spencer, James E. (See Spencer, Leo B. and J. E.)

Spencer, John A., Revere, assignor to Spencer Thermostat Company, Boston, Mass. Thermostat. 1,448,240; Mar. 13.

Spencer Lens Company. (See Ott, Harvey N. and H. G., assignors.)

Spencer Leo B. and J. E., Akron, Ohio. Demountable collapsible rim. 1,466,765; Sept. 4.

Spencer, Le Roy D., Winesap, Wash. Sorting or sizing apparatus. 1,466,764; Sept. 4.

Spencer, Madison A., Yonkers, N. Y., assignor of one-half to B. E. Nussbaum, Muskogee, Okla. Boll-weevil destroyer. 1,452,226; Apr. 17.

Spencer, Millard C. (See Pupin, M. I., and Spencer.)

Spencer, Moses, Saylesville, R. I., assignor, by mesne assignments, to Hopedale Manufacturing Company, Milford, Mass. Spinning frame. 1,457,405; June 5.

Spencer, Richard J., Chattanooga, Tenn. Bronzing machine. 1,469,341; Oct. 2.

Spencer, Royden I., Pontypool, Ontario, Canada. Shock absorber. 1,447,439; Mar. 6.

Spencer Thermostat Company. (See Spencer, John A., assignor.)

Spencer, William H., assignor, by mesne assignments, to I. P. Frink Inc., New York, N. Y. Illuminating device. Re15,624; June 12.

Spencer, William H., assignor to I. P. Frink, Inc., New York, N. Y. Lighting fixture. Des. 63,592; Dec. 18.

Spengler, Hugo F., Chicago, Ill. Automatic phonograph. 1,444,089; Feb. 6.

Spengler, Loomis Manufacturing Co. (See Ensign, Emory S., assignor.)

Spero, Samuel, Michigan City, Ind. Apron. 1,464,546; Aug. 14.

Sperr, Frederick W., jr., Oakmont, assignor to The Koppers Company, Pittsburgh, Pa. Method of and apparatus for testing materials. 1,444,567; Feb. 6.

Sperr, Frederick W., jr., assignor to The Koppers Company, Pittsburgh, Pa. Method of and apparatus for testing materials. 1,444,568; Feb. 6.

Sperr, Frederick W., jr., assignor to The Koppers Company, Pittsburgh, Pa. Antifreeze composition. 1,473,327; Nov. 6.

Sperry, Edwin A., Tientsin, China. Concentrating table. 1,422,186; Jan. 16.

Sperry, Elmer A. (See Bassett, Preston R., assignor.)

Sperry, Elmer A. (See Davis, Arthur P., assignor.)

Sperry, Elmer A., jr., Brooklyn, N. Y. Horizontal bearing for gyroscopes. 1,452,483; Apr. 17.

Sperry, Elmer A., Brooklyn, N. Y. Electric indicator for vibrations of the air. 1,454,085; May 8.

Sperry, Elmer A., Brooklyn, N. Y. Searchlight for the guidance or detection of aircraft. 1,459,902; June 26.

Sperry, Elmer A., assignor to The Sperry Gyroscope Company, Brooklyn, N. Y. Gyroscopic navigational apparatus. 1,445,805; Feb. 20.

Sperry, Elmer A., assignor to Sperry Gyroscope Co., Brooklyn, N. Y. Gyroscopic apparatus for torpedoes. 1,446,276; Feb. 20.

Sperry, Elmer A., assignor to Sperry Gyroscope Company, Brooklyn, N. Y. Means for governing the rolling of ships. 1,452,482; Apr. 17.

Sperry, Elmer A., assignor to The Sperry Gyroscope Company, Brooklyn, N. Y. Gunfire control for battleships. 1,452,484; Apr. 17.

Sperry, Elmer A., Brooklyn, N. Y., assignor to Anaconda Lead Products Company. Treating white lead. 1,452,620; Apr. 24.

Sperry, Elmer A., assignor to The Sperry Gyroscope Company, Brooklyn, N. Y. Synchronous transmission system. 1,468,330; Sept. 18.

Sperry Gyroscope Company. (See Thompson, H. H., and Schein, assignors.)

Sperry Gyroscope Company, The. (See Bassett, Preston R., assignor.)

Sperry Gyroscope Company, The. (See Kuttner, Julius, assignor.)

Sperry Gyroscope Company, The. (See Sperry, Elmer A., assignor.)

Sperry Gyroscope Company, The. (See Tanner, Harry L., assignor.)

Sperry Gyroscope Company, The. (See Titterington, Morris M., assignor.)
Sperry Gyroscope Company, The. (See Whitaker, Omar B., assignor.)
Sperry, Herbert B., Chicago, Ill., assignor to International Harvester Company. Bundle carrier. 1,467,401; Sept. 11.
Sperry, Raymond, Prue, Okla. Pump jack. 1,447,907; Mar. 6.
Sperry, Samuel E., Woodhaven, assignor to Intertype Corporation, New York, N. Y. Typographical machine. 1,451,595; Apr. 10.
Spery, Charles F., Chicago, Ill. Radiator core. 1,478,489; Dec. 25.
Spery, Philmore F., Chicago, Ill. Radiator core. 1,475,893; Nov. 27.
Speyer, Edmund. (See Freund, M., and Speyer.)
Sphinx Gramophone Motors, Inc. (See Weil, Maximilian, assignor.)
Spicer, Charles P. (See Copony, Alfred, assignor.)
Spicer, Clarence W., and G. L. Tarbox, Plainfield, N. J., assignors to Spicer Mfg. Corporation, South Plainfield, N. J. Flexible coupling. 1,443,440; Jan. 30.
Spicer, Delphin H., assignor to The Dyer Company, Cleveland, Ohio. Beet-slicing machine. 1,474,797; Nov. 20.
Spicer, Edward, Vancouver, British Columbia, Canada. Covering for boilers, pipes, and the like. 1,463,298; July 31.
Spicer Mfg. Corporation. (See Spicer, C. W., and Tarbox, assignors.)
Spiegel, Chris F. H., Hamburg, Iowa. Heater for water tanks. 1,453,481; May 1.
Spiegel, Joseph, et al. (See Rosenberg, W., and Moss, assignors.)
Spiegler, Frederick J., Chicago, Ill. Handle. 1,468,409; Sept. 18.
Spieler, Josef. (See De Montmollin, G., and Spieler.)
Spieler, Josef. (See De Montmollin, G., Spieler, and Bonhôte.)
Spielman, Charles, Richmond Hill, assignor to Wm. A. Force & Company, Inc., New York, N. Y. Ink-pad mechanism for numbering machines. 1,457,756; June 5.
Spielman, Milton H., Cleveland, Ohio. Device for air cooling dustproof fan motors. 1,460,146; June 26.
Spielman, Milton H., and A. R. Goldrick, assignors to The Domestic Electric Company, Cleveland, Ohio. Electric-motor switch. 1,474,180; Nov. 13.
Spiesberger, H. T., et al. (See Brenner, Herman D., assignor.)
Spiess, Georg, Leipzig-Reudnitz, Germany. Sheet-feeding device. 1,464,668; Aug. 14.
Spijker, Jacobus, Amsterdam, Netherlands. Resilient wheel and air tire to be used therewith. 1,453,199; Apr. 24.
Spiker, Thomas A., Pittsburgh, and J. E. Ayres, McDonald, Pa. Pump. 1,452,318; Apr. 17.
Spikes, George W., Dalworth Park, Tex. Honey receptacle. Des. 62,368; May 15.
Spikes, Richard B., Fort Bragg, assignor of one-half to L. W. Lomax, Oakland, Calif. Brake-testing machine. 1,441,383; Jan. 9.
Spikes, Richard B., assignor to S. D. S. Experimental Laboratories Company, San Francisco, Calif. Pantograph. 1,461,988; July 17.
Spill, Frank, East Rutherford, N. J., assignor to The Siesel-Spill Manufacturing Co., Inc., New York, N. Y. Spanish comb. Des. 63,271; Nov. 13.
Spillane, Patrick J. (See Smith, W., and Spillane.)
Spillman Engineering Corporation. (See Jaenecke, Karl F. W., assignor.)
Spilman, Anna, New York, N. Y. Abdominal band 1,477,918; Dec. 18.
Spilman, William M., assignor of one-half to R. H. Coleman, McLain, Miss. Combination garment. 1,476,228; Dec. 4.
Spindel, Enos S. (See Wenneborg, Henry, assignor.)
Spindel, Moses, Innsbruck, Austria. Testing machine. 1,457,800; June 5.
Spinks, Luff. (See Lavigne, J. P., and Luff.)
Spinney, Burton A., Des Moines, Iowa. Sweep rake for tractors. 1,477,919; Dec. 18.
Spire, William H., assignor to The Steel Products Company, Cleveland, Ohio. Making tappets. 1,468,927; Sept. 25.
Spiro, William H., assignor to The Steel Products Company, Cleveland, Ohio. Drag link. 1,474,854; Nov. 20.
Spiro, Jacob H., San Francisco, Calif. Finger ring, bracelet, or similar article of manufacture. Des. 62,747; July 24.
Spiro, Max, New York, N. Y. Watchcase. 1,462,076; July 17.
Spiro, Walter J., White Plains, N. Y. Replacement running board. 1,443,598; Jan. 30.
Spiro, Walter J., White Plains, N. Y. Multiple-control switch. 1,459,557; June 19.
Spiro, Walter J., White Plains, N. Y. Automatic carburetor control. 1,462,945; July 24.
Spitzenberger, August H., Minneapolis, Minn. Air-adjusting device for grain separators. 1,449,071; Mar. 20.
Spitzer, Benjamin L., New York, N. Y. Combination mount and container for transparent films. 1,466,255; Aug. 28.
Spitzer, Charles S., and J. Gloub, Chicago, Ill. Sound box. 1,452,319; Apr. 17.
Spitzlberger, Leo F., Cincinnati, Ohio. Automobile license-tag holder and illuminator. 1,448,574; Mar. 13.
Splane, Vincent D. P., Paintsville, Ky. Pumping jar. 1,467,204; Sept. 4.
Splitdorf Electrical Company. (See Erickson, Albert, assignor.)
Splitdorf Electrical Company. (See Leibing, Joseph K., assignor.)
Splitdorf Electrical Company. (See Libby, Albion D. T., assignor.)
Splitdorf Electrical Company. (See McKeown, Samuel C., assignor.)
Splitdorf Electrical Company. (See Moore, Edward, assignor.)
Splitdorf Electrical Company. (See Nowosielski, Edward B., assignor.)
Splitdorf Electrical Company. (See Sullivan, Maurice P., assignor.)
Splitdorf Electric Company. (See Tomlinson, Edward J., assignor.)
Splitdorf Electrical Company. (See Werner, Leo J., assignor.)
Splithoff, Harry S., assignor of one-half to Roberts Portable Oven Company, Chicago, Ill. Heat regulator for ovens. 1,472,693; Oct. 30.
Spoelstra, Siebren J. (See Maus, Frank, assignor.)
Spofforth, Walter, St. Paul, Minn. Sound box for sound-reproducing machines. 1,454,297; May 8.
Spohrer, Gregory J., East Orange, N. J. Electric motor-driven compressor. 1,470,548; Oct. 9.
Spooner, Charles H., Princeton, Me. Pump. 1,477,462; Dec. 11.
Spooner, Henry J. (See Robinson, Edwin L., assignor.)
Sporer, Paul. (See Lipsner, B. B., and Sporer.)
Sporer, Paul, Chicago, Ill. Window-cleaning device. 1,461,947; July 17.
Spracklen, Paul H., Oakland, Calif. Compensating hinge joint for artificial limbs. 1,470,201; Oct. 9.
Spragens, Stephen M., Cincinnati, Ohio. Calendar. 1,477,463; Dec. 11.
Spragens, Stephen M., Cincinnati, Ohio. Calendar. 1,477,464; Dec. 11.
Sprague, Archidell N., Springfield, Mass. Circular hack saw. 1,449,790; Mar. 27.
Sprague Canning Machinery Company. (See Babcock, Basil P., assignor.)
Sprague Canning Machinery Company. (See Babcock, Leland A., assignor.)
Sprague Canning Machinery Company. (See Bjorklund, W. A., and Holmquist, assignors.)
Sprague Canning Machinery Company. (See Holmquist, August, assignor.)
Sprague, Clarence A., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Current-controlling and static-reducing system. 1,477,017; Dec. 11.
Sprague, Edward, jr., Chicago, Ill., assignor to The Kuehl Candy Co., Davenport, Iowa. Confection-making machine. 1,478,490; Dec. 25.
Sprague, Frank D., Newport, R. I. Automatic angle cock. 1,452,473; Apr. 17.
Sprague, Frank N., Holyoke, Colo. Spring-supporting shock-absorbing shackle for automotive vehicles. 1,448,904; Mar. 20.
Sprague, Frank N., Holyoke, Colo. Adjustable air and liquid cushioning shock-absorbing mechanism for automobiles and other vehicles. 1,449,703; Mar. 27.
Sprague, Frank N., Holyoke, Colo. Combined air and liquid shock-absorbing mechanism for automotive vehicles. 1,468,332; Sept. 18.
Sprague, Henry H., assignor to The Sprague Meter Company, Bridgeport, Conn. Gas meter. 1,458,010; June 5.
Sprague, Henry H., assignor to The Sprague Meter Company, Bridgeport, Conn. Gas meter. 1,458,011; June 5.
Sprague Meter Company, The. (See Sprague, Henry H., assignor.)
Sprague, Sidney, Brooklyn, N. Y., assignor of one-fourth to B. Futterman, New York, N. Y. Match case. 1,459,696; June 19.
Sprague, William A., Islington, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe stretcher. 1,453,608; May 1.
Spratt, L. D., assignor of one-half to C. Schlotfeldt, Chicago, Ill. Railway tie. 1,445,047; Feb. 13.
Spray Engineering Company. (See Collins, Bertrand R. T., assignor.)
Spray Engineering Company. (See Day, Herbert W., assignor.)
Spray, Engineering Company. (See Parker, Lee H., assignor.)
Spray Engineering Company. (See Parker, L. H., and Day, assignors.)
Spray Engineering Company. (See Preble, J. J., and Parker, assignors.)
Spreeman, August, Vanderbilt, Mich. Scraper. 1,446,401; Feb. 20.

Alphabetical list of patentees—Continued.

Spring Stopper Company. (See Glaspey, Warren E., assignor.)
Springborn, Richard, Cleveland, Ohio. Valve-operating mechanism. 1,477,154; Dec. 11.
Springer, Franklin W., Minneapolis, Minn. Transmission-line insulator. 1,448,773; Mar. 20.
Springer, John. (See Dickinson, F. S., and Springer.)
Springer, William J., and A. C. Picard, Detroit, Mich. Lubricating pump. 1,458,369; June 12.
Springer, William N., Janesville, Wis., assignor to General Motors Corporation, Detroit, Mich. Tractor. 1,461,714; July 10.
Springfield Auto Lock Company, The. (See Pfeifer, John, assignor.)
Springfield Metallic Casket Company. (See Hiser, Charles H., assignor.)
Springmann, Theodor E., Charlottenburg, near Berlin, Germany. Obtaining nitric oxide. 1,466,604; Aug. 28.
Springowski, William A., Lorain, Ohio. Self-winding hose reel. 1,458,861; June 12.
Springthorpe, Isaac, Germantown, assignor, by mesne assignments, to Springthorpe Textile Machine Company, Philadelphia, Pa. Knitted fabric and its production. 1,475,325; Nov. 27.
Springthorpe Textile Machine Company. (See Springthorpe, Isaac, assignor.)
Spross, Frederick B., Churchville, N. Y. Roller skate. 1,445,048; Feb. 13.
Sproule, Albert H., London, England. Internal-combustion engine. 1,457,322; June 5.
Sproull, George F., Montgomery, Ala. Potato planter. 1,448,468; Mar. 13.
Sproull, George F., Montgomery, Ala. Machine for distributing powder over growing plants. 1,450,651; Apr. 3.
Sproull, John C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for making abrasion tests. 1,476,775; Dec. 11.
Sprout, Waldron & Co. (See Killick, Frank R., assignor.)
Sprout, Waldron & Co. (See Snyder, Simon, assignor.)
Spruill, Patterson T., Valentine, Tex. Rivet catcher for oil-well pumps. 1,465,320; Aug. 21.
Spry, Franklin B., Plymouth, Pa. Drill mounting. 1,472,694; Oct. 30.
Spryszak, Szymon. (See Novinski, Stanley, assignor.)
Spuehler, Fred J., Toledo, Ohio. Reel for conducting cords. 1,464,631; Aug. 14.
Spuhler, Victor, Zug, Switzerland. Two-stroke-cycle internal-combustion engine. 1,452,005; Apr. 17.
Spung, Howard W., Marietta, Ohio. Vehicle direction indicator. 1,465,494; Aug. 21.
Spurling, Sidney G., Portland, Oreg. Stowaway side curtain for vehicle tops. 1,449,630; Mar. 27.
Spurrier, Harry, Detroit, Mich. Means for determining certain qualities of fluids. 1,449,153; Mar. 20.
Spurrier, Harry, assignor of one-half to H. M. Lane, Detroit, Mich. Detergent. 1,474,690; Nov. 20.
Spurrier, John R., Bethlehem, Pa., assignor to Roller-Smith Company. Circuit breaker. 1,468,651; Sept. 25.
Spyroseal Manufacturing Company. (See Brunninga, John H., assignor.)
Square D Company. (See Ball, A. P., and Zenker, assignors.)
Square D Company. (See Horton, Bryson D., assignor.)
Squibb, Lloyd Y., Camden, N. J., assignor to Victor Talking Machine Company. Automatic stopping mechanism. 1,477,295; Dec. 11.
Squire, Cecil E. (See Jowett, T., and Squire.)
Squire, Gayle L., Hastings, Fla. Ladder. 1,464,780; Aug. 14.
Squire Products Company. (See Mieville, Herbert C., assignor.)
Squires, Chester J., Galesburg, Ill. Push-key combination padlock. 1,463,230; July 31.
Squires, Chester J, assignor of three-fourths to J. H. Weidenhamer, one-eighth to E. C. Shaw, and one-eighth to C. R. Whittimore, Galesburg, Ill. Keyless padlock. 1,445,648; Feb. 20.
Sroufe, Charles H., et al. (See Marshall, Walker E., assignor.)
Staaf, Werner I., assignor, by mesne assignments, of one-half to L. H. Tyler, Pittsburgh, Pa. Return water trap. 1,472,232; Oct. 30.
Staake, Emil, assignor to Aktiebolaget Svenska Kullagerfabriken, Gottenborg, Sweden. Ball cage for radial ball bearings. 1,463,299; July 31.
Staats, Charles H., Collingdale, Pa. Magnetic control of flush tanks. 1,456,196; May 22.
Stacey, Alfred E., jr., Chicago, Ill., assignor to Carrier Engineering Corporation, New York, N. Y. Method of and apparatus for chilling material such as meat. 1,465,028; Aug. 14.
"Stachelband" G. m. b. H. (See Gösser, Richard, assignor.)
Stacho, Joseph O., Newark, N. J. Fur-cutting machine. 1,453,200; Apr. 24.
Stack, Edward A., Bristol, Conn. Valve lathe. 1,477,194; Dec. 11.
Stack, George E., Ballston Spa, N. Y., assignor to General Electric Company. Electromagnet and control therefor. 1,453,555; May 1.
Stackhouse, John A., Dover, N. J. Grate. 1,458,012; June 5.
Stackhouse, Milroy G., Tulsa, Okla., assignor to The Staset Company. Nut lock. 1,463,377; July 31.
Stackpole Carbon Company. (See Sullivan, Alan P., assignor.)
Stacy, John L., et al. (See Coats, E. O., and Bartholomew, assignors.)
Stadelman, Edward S., Chicago, Ill. Adjustable shaking screen. 1,460,284; June 26.
Stadermann, William G., Elcroy, Ill. Field gate. 1,443,441; Jan. 30.
Stadler, Charles, Chicago, Ill. Vacuum-sealing machine. 1,446,594; Feb. 27.
Stadniczek, John, Elizabeth, N. J. Razor strop. 1,471,713; Oct. 23.
Stadtlander, Herman C., et al. (See Allen, William A., assignor.)
Stadtler, Mathias, Chicago, Ill. Spring mounting. 1,462,990; July 24.
Staehelin, Emil, Chicago, Ill. Wrench. 1,453,730; May 1.
Staempfli, Joseph, New Orleans, La. Portable boring machine. 1,452,320; Apr. 17.
Staf, Axel H., assignor to Gorham Manufacturing Company, Providence, R. I. Spoon or similar article. Des. 63,204; Oct. 30.
Stafford, Archibald, Sacramento, Calif. Sewer flusher. 1,455,177; May 15.
Stafford, Benjamin E. D. (See Flannery, J. R., Stafford, and Dodds.)
Stafford, Benjamin E. D., Pittsburgh, Pa. Collapsible dispensing tube. 1,453,415; May 1.
Stafford, Charles S., London, England. Glass and other furnace. 1,443,767; Jan. 30.
Stafford Company, The. (See Hannon, Edmund H., assignor.)
Stafford Company, The. (See Jackson, Simeon S., assignor.)
Stafford, Frank R., Newark, N. J. Bracelet coupling. 1,445,564; Feb. 13.
Stafford, Frank R., Philadelphia, Pa. Making dies. 1,458,599; June 12.
Stafford, Frederick S., assignor to H. G. Saal, Chicago, Ill. Wheel. 1,444,807; Feb. 13.
Stafford, Frederick S., assignor to H. G. Saal, Chicago, Ill. Casing for humidifiers. Des. 62,748; July 24.
Stafford, George M., Philadelphia, Pa. Milk-bottle cap lifter. 1,446,277; Feb. 20.
Stafford, George W., Rochester, N. Y. Automobile seat. 1,466,969; Sept. 4.
Stafford, Lewis F., assignor to Stafford Spring Guard Co., Chicago, Ill. Bracket for mounting automobile bumpers. 1,446,355; Feb. 20.
Stafford, Lewis F., assignor to Stafford Spring Guard Co., Chicago, Ill. Automobile bumper. 1,450,928; Apr. 10.
Stafford, Lewis F., assignor to Stafford Spring Guard Co., Chicago, Ill. Bumper. 1,461,564; July 10.
Stafford, Lewis F., assignor to Stafford Spring Guard Co., Chicago, Ill. Bumper-attaching bracket. 1,468,757; Sept. 25.
Stafford, Lewis F., assignor to Stafford Sales Company, Chicago, Ill. Bumper. 1,477,155; Dec. 11.
Stafford, Lewis F., and J. D. Hale, assignors to Stafford Spring Guard Company, Chicago, Ill. Bumper. 1,449,455; Mar. 27.
Stafford, Orin F., Eugene, Oreg. Cooling and stabilizing charcoal. 1,464,732; Aug. 14.
Stafford Sales Company. (See McCausland, John W., assignor.)
Stafford Sales Company. (See Stafford, Lewis F., assignor.)
Stafford Spring Guard Co. (See Stafford, Lewis F., assignor.)
Stafford Spring Guard Company. (See Stafford, L. F., and Hale, assignors.)
Stafford, Stephen B. (See Start, L. M. Stafford, and Vedder.)
Staggers, William F., Mannington, W. Va. Tongs for lifting batteries. 1,451,185; Apr. 10.
Staggs, Homa A. Henrietta, Tex. Match scratcher. Des. 61,836; Jan. 23.
Stagner, Bert A., Pittsburgh, Pa., assignor to National Retarder Company, Chicago, Ill. Growing of yeast. 1,457,319; June 5.
Stagner, Bert A., Pittsburgh, Pa., assignor to National Retarder Company, Chicago, Ill. Growing of yeast. 1,457,320; June 5.
Staheli, Benedict, et al. (See Studer, Heinrich, assignor.)
Stahfest, Alfred C., New York, N. Y., assignor to Eberhard Fabric Pencil Company. Shipping case and display stand. 1,476,474; Dec. 4.
Stahl, Albert R., Somerset, Pa. Harrow. 1,465,188; Aug. 14.
Stahl, Ambrose C., Detroit, Mich. Reduction-gear mechanism. 1,463,447; July 31.
Stahl, Charles E., Winthrop Harbor, Ill., assignor, by mesne assignments, to F. C. Austin Machinery Company. Tractor. 1,443,768; Jan. 30.
Stahl, Charles E., Winthrop Harbor, Ill., assignor, by mesne assignments, to F. C. Austin Machinery Company. Meter pump. 1,472,996; Nov. 6.

Stahl, Charles E., assignor to The Connecticut Telephone & Electric Co., Inc., Meriden, Conn. Electric-lamp socket. 1,451,122; Apr. 10.
Stahl, Charles E., and H. J. Bentson, Winthrop Harbor, Ill., assignors, by mesne assignments, to F. C. Austin Machinery Company. Excavator. 1,466,568; Aug. 28.
Stahl, Frank E. (See Le Messurier, F. C., and Stahl.)
Stahl, Harry E., Trenton, N. J., assignor to The Willey Company, Incorporated, Philadelphia, Pa. Electrical controlling mechanism. 1,459,756; June 26.
Stahl, Henry A. S., Long Island, N. Y. Violin. Des. 63,379; Nov. 27.
Stahl, Karl, assignor to the Firm: Luftschiffbau Zeppelin Gesellschaft mit beschrankter Haftung, Friedrichshafen, Germany. Stretching device. 1,454,298; May 8.
Stahl, Karl, assignor to the Firm Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung, Friedrichshafen, Germany. Controlling device for aerial vehicles. 1,455,820; May 22.
Stahl, Karl, assignor to the Firm Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung, Friedrichshafen, Germany. Releasing device. 1,467,885: Sept. 11.
Stahl, Karl, assignor to Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung, Friedrichshafen, Germany. Tensile-stress-determining device. 1,469,280; Oct. 2.
Stahl, Rodolphe, assignor, by mesne assignments, to The Briscoe & Stahl Co., Detroit, Mich. Design for radiator for automobiles. Re. 15,523; Jan. 9.
Stahle, Gustaf. (See Bergström, Johan E., assignor.)
Stahle, John A., assignor to Stahle Mechanical Tire Company, Ltd., Boston, Mass. Resilient wheel. 1,477,292; Dec. 11.
Stahle Mechanical Tire Company. (See Stahle, John A., assignor.)
Staier, Henry. (See Gottschalk, Karl P., assignor.)
Stair, Daniel E., Elkhart, Ind. Reclaiming bucket. 1,460,615; July 3.
Stair, Daniel E., Elkhart, Ind. Split bucket. 1,466,200; Aug. 28.
Stalder, Edward J., and E. Scholz, Chicago, Ill. Gasoline reserve valve. 1,462,216; July 17.
Stalder, Edward J., and E. Scholz, Chicago, Ill. Gasoline reserve valve. 1,462,217; July 17.
Stalder, Harry C., Portsmouth, Ohio. Check holder for mining cars. 1,441,539; Jan. 9.
Staley, Allen C. (See Scott, L. L., and Staley.)
Staley, Allen C., assignor to Standard Engineering Company, St. Louis, Mo. Regulator for systems of apparatus. 1,453,291; May 1.
Staley, Edwin H., Burt, and C. I. Mansmith, Algona, Iowa. Railway-crossing signal. 1,451,186; Apr. 10.
Staley, Harrison L., Martinsville, Ind., assignor to The Roto Company, Hartford, Conn. Cutter head for tube cleaners. 1,472,255; Oct. 30.
Staley, Homer C., Oakland, assignor to Hunt Brothers Packing Company, San Francisco, Calif. Washing apparatus. 1,465,098; Aug. 14.
Staley, Joseph H., Columbus, Ind. Engine assembly table. 1,444,757; Feb. 6.
Staley, Joseph H., Columbus, Ind. Piston and connecting-rod aligning device. 1,449,704; Mar. 27.
Staley, Joseph H., Columbus, Ind. Engine-bearing burning-in and running-in machine. 1,452,446; Apr. 17.
Staley, Joseph H., Columbus, Ind. Straightening press and using same. 1,461,463; July 10.
Staley, Joseph H., Columbus, Ind. Motor stand. 1,469,734; Oct. 2.
Staley, Raleigh H., Springfield, Ill., assignor to Chambers Brothers Company. Method and means for working clay. 1,478,842; Dec. 25.
Stalker, Frederick W., and D. D. Rosenburgh, assignors to Taylor Instrument Companies, Rochester, N. Y. Pressure responsive diaphragm. 1,454,459; May 8.
Stall & Dean Manufacturing Company. (See Stall, Walter T., assignor.)
Stall, Walter T., assignor to Stall & Dean Manufacturing Company, Brockton, Mass. Thigh guard. 1,478,184; Dec. 18.
Stallings, Eugene A., Wirt, Okla. Electrolyte gas and splash escape. 1,469,119; Sept. 25.
Stallings, Francis J., Effingham, Ill. Gate valve. 1,444,644; Feb. 6.
Stalter, Harry E., Moline, Ill. Cut-off slide attachment. 1,461,464; July 10.
Stambaugh, Russell H., Galesburg, Ill. Cutter. 1,459,296; June 19.
Stamm, Charles H., Indianapolis, assignor of one-third to M. A. Hostetler, Kokomo, Ind. Dimmer for automobile headlight. 1,445,182; Feb. 13.
Stamm, George T. (See Stebler, F., and Stamm.)
Stamm, Max, H. Tucker, and M. J. Peltz, Philadelphia, Pa. Air-cooled electric motor. 1,476,776; Dec. 11.
Stamp, Hugo O., assignor to The Stamp Machine Company, Milwaukee, Wis. Conveying apparatus. 1,474,855; Nov. 20.
Stamp Machine Company, The. (See Stamp, Hugo O., assignor.)
Stampen, Jacob J., assignor to Pine Tree Milking Machine Company, Chicago, Ill. Milking machine. 1,478,802; Dec. 25.
Stampfli, Wendell P., Healdton, Okla. Oil-well tool. 1,475,456; Nov. 27.
Stamps, Robert E. (See Greene, G. C., Tune, and Stamps.)
Stanbrough, Duncan G., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,457,947; June 5.
Stanbrough, William M., Newburgh, N. Y. Dental instrument. 1,475,354; Nov. 27.
Stancliffe, Cecil W., assignor to Pneumercator Company, New York, N. Y. Depth and specific-gravity measuring apparatus. 1,457,406; June 5.
Stancombe, Thomas R., Bristol, England. Combined electric cooker and water-heater apparatus. 1,474,562; Nov. 20.
Standard Cap & Seal Corporation. (See Tevander, Olof N., assignor.)
Standard Car Truck Company. (See Barber, L. W., and Webb, assignors.)
Standard Carrier Company, The. (See Hepperle, William J., assignor.)
Standard Chemical Company. (See Foote, Hugh S., assignor.)
Standard Conveyor Company. (See Fraley, Lawrence V., assignor.)
Standard Conveyor Company. (See Johnson, Arthur J., assignor.)
Standard Conveyor Company. (See Lister, Charles H., assignor.)
Standard Conveyor Company. (See Wright, Fred, assignor.)
Standard-Coosa-Thatcher Company, The. (See Gravel, David, assignor.)
Standard Corset Company, The. (See Von Halle, Millard, assignor.)
Standard Development Company. (See Benton, Harry O., assignor.)
Standard Development Company. (See Buc, Hyym E., assignor.)
Standard Development Company. (See Clark, E. M., Loomis, and Carringer, assignors.)
Standard Development Company. (See Fyke, F. C., and Hunt, assignors.)
Standard Development Company. (See Gerstenberger, Henry L. G., assignor.)
Standard Development Company. (See Howard, Frank A., assignor.)
Standard Development Company. (See Howard, F. A., Kent, and Jennings, assignors.)
Standard Development Company. (See Johns, C. O., and Buc, assignors.)
Standard Development Company. (See Kent, George H. L., assignor.)
Standard Development Company. (See Winchester G., and Howard, assignors.)
Standard Electric Manufacturing Company. (See Brogger, Ivar W., assignor.)
Standard Elevator Interlock Company. (See Straley, Thomas H., assignor.)
Standard Engineering Company. (See Staley, Allen C., assignor.)
Standard Engineering Company. (See Newcomb, Edward C., assignor.)
Standard Engineering Company. (See Scott, L. L., and Staley, assignors.)
Standard Equipment Co. (See Kidd, William C., assignor.)
Standard Food Products Company. (See MacLachlan, John C., assignor.)
Standard Foundry & Mfg. Company. (See Johnson, Wesley J., assignor.)
Standard Gear Company. (See Colliau, Victor, assignor.)
Standard Heel & Counter Co. (See Bruninga, John H., assignor.)
Standard-Johnson Co. See Donnellan, Edward P., assignor.)
Standard Machine Company. (See Houseman, Wilbur L., assignor.)
Standard Metal Spinning Co. (See Horovitz, Morris R., assignor.)
Standard Meter Company, The. (See Danaher, John W., assignor.)
Standard Motor Construction Company. (See Smith, Benjamin C., assignor.)
Standard Oil Company. (See Brinker, J. E., and McNeil, assignors.)
Standard Oil Company. (See Burton, W. M., and Clark, assignors.)
Standard Oil Company. (See Fifield, George H., assignor.)
Standard Oil Company. (See Hanna, R. W., Mason, and Hamilton, assignors.)
Standard Oil Company, The. (See King, O. M., and Brooks, assignors.)
Standard Oil Company. (See Layne, William R., assignor.)
Standard Oil Company. (See Miller, Harold C., assignor.)
Standard Oil Company. (See Payne, E. H., and Montgomery, assignors.)
Standard Oil Company. (See Petersen, Peter A., assignor.)
Standard Oil Company. (See Wall, Myron S., assignor.)
Standard Oil Company of California. (See Kirpatrick, B. S., and Morgan, assignors.)

Standard Oil Company (of Indiana.) (See Glair, H. F., and Wonnacott, assignors.)
Standard Oil Company (of Indiana). (See Humphreys, R. E., Rogers, and Bransky, assignors.)
Standard Optical Company, The. (See Van Tassel, John R., assignor.)
Standard Parts Company, The. (See Weymouth, Harry G., assignor.)
Standard Parts Company, The. (See Zacharias, Robert M., assignor.)
Standard Parts Company, The. (See Zimmerman, Thomas, assignor.)
Standard Plastering System. (See Walper, Curry O., assignor.)
Standard Pressed Steel Co. (See Gade, Harald F., assignor.)
Standard Reamer & Tool Company. (See Gyllsdorff, Forsten A., assignor.)
Standard Register Company, The. (See Metzner, Albert W., assignor.)
Standard Sealing Equipment Corporation. (See Kimball, W. D., and Rideout, asignors.)
Standard Sewing Machine Company, The. (See Nelson, George W., assignor.)
Standard Signal Corporation, The. (See Campbell, Colin J., assignor.)
Standard Silk Dyeing Co. (See Seyer, Joseph, assignor.)
Standard Steel and Bearings Incorporated. (See Rockwell, Hugh M., assignor.)
Standard Steel and Bearings Incorporated. (See Woodrow, Irvin F., assignor.)
Standard Steel Car Company. (See Anderson, Harry T., assignor.)
Standard Steel Car Company. (See Christianson, Andrew, assignor.)
Standard Steel Propeller Company. (See Dicks, Thomas A., assignor,)
Standard Thermometer Company. (See Adair, Thomas D., jr., assignor.
Standard Thermometer Company. (See Ames, Henry A., assignor.)
Standard Underground Cable Company. (See Fisher, H. W., and Davis, assignors.)
Standard Utilities Corporation. (See Hauk, Joseph, assignor.)
Standard Wall Paper Co. (See Case, Lynn B., assignor.)
Standefer, John D., and J. H. Stidham, Dooley, Va. Washing machine. 1,469,541; Oct. 2.
Standerwick, Reginald G. (See Steinmetz, C. P., and Standerwick.)
Standerwick, Reginald G., Lynn, Mass., assignor to General Electric Company. Regulator for electric generators. 1,477,781; Dec. 18.
Standfield, Arnold W., Sydney, New South Wales, Australia. Printing frame for roll films. 1,455,308; May 15.
Standifer, Thomas V. (See Johnson, Peter A., assignor.)
Standish, Floyd C., Hartford, Conn. Universal-joint-casing closure for transmission shafts. 1,447,492; Mar. 6.
Standish, Richard S., St. Louis, Mo. Adjustable lamp shade. 1,449,018; Mar. 20.
Stanfield, Charles H., Wichita, Kans. Grinder. 1,457,092; May 29.
Stanfield, Earl E., Helena, Mont. Hair-dressing-mirror device. 1,451,236; Apr. 10.
Stanfield, Robert J., Kaufman, Tex. Drawhead. 1,447,049; Feb. 27.
Stanford, Arthur L., Chicago, Ill. Lifting jack. 1,463,635; July 31.
Stanford, Leland, et al. (See Drews, Hugo E., assignor.)
Stanford, Will E., Calexico, Calif. Vehicle spring. 1,460,987; July 3.
Stangeland, Eric L., East Stanwood, Wash. Generator. 1,455,275; May 15.
Stanger, David, Stroud, England. Twin-cylinder two-stroke internal-combustion engine. 1,476,351; Dec. 4.
Stanger, Ira L., Merchantville, N. J. Electrical switching device. 1,465,878; Aug. 21.
Stanger, James R. (See Steele, J. R., and Stanger.)
Stankrauff, Frank C., Detroit, Mich. Furnace. 1,458,249; June 12.
Stanley, Albert, Indianapolis, Ind. Tank filler and contents indicator. 1,463,342; July 31.
Stanley, Charles O., assignor of one-half to J. M. Andrews, Buffalo, N. Y. Spring wheel. 1,449,920; Mar. 27.
Stanley Insulating Company. (See Smith, Herbert M., assignor.)
Stanley, Irving, assignor to Angel International Corporation, New York, N. Y. Apparatus for making receptacles or containers. 1,466,211; Aug. 28.
Stanley, Irving, assignor to Angel International Corporation, New York, N. Y. Paper receptacle or container. 1,467,123; Sept. 4.
Stanley, Joseph, Johnstown, Pa. Nutting device. 1,446,219; Feb. 20.
Stanley, Maurice H., New York, N. Y. Game. 1,441,889; Jan. 9.
Stanley, Oliver, Des Moines, Iowa. Combination cabinet ironing board and table. 1,444,808; Feb. 13.
Stanley, Robert L., Richmond, Me. Organ blower. 1,453,416; May 1.
Stanley, Stanley J. (See Burt, M. A., and Stanley.)
Stanley, Vincent C., Brookline, Mass., assignor to The Gamewell Fire Alarm Telegraph Company, New York, N. Y. Storage battery. 1,466,674; Sept. 4.
Stanley, Will A., Spokane, Wash. Tightener for antiskid chains. 1,443,769; Jan. 30.
Stanley, William H. (See Dayton, Alton A., assignor.)
Stanley Works, The. (See Lewis, Brayton S., assignor.)
Stanly, Fred D. (See Black, F. A., and Stanly.)
Stansberry, Maurice H., Kansas City, Mo. Nonskid roof jack. 1,478,682; Dec. 25.
Stansbury, John H., Norfolk, Va. Card game board. 1,461,633; July 10.
Stansbury, William J., Philadelphia, Pa. Liquid-applying can. 1,472,817; Nov. 6.
Stansfield, Edgar, Ottawa, Ontario, Canada. Heat treatment. 1,459,932; June 26.
Stansfield, Norwood V., Baltimore, Md. Bag seal. 1,469,703; Oct. 2.
Stantial, Frank G., Melrose, assignor to Merrimac Chemical Company, Woburn, Mass. Making sulphuric acid and apparatus therefor. 1,457,676; June 5.
Stantial, Frank G., Melrose, and J. H. Clarke, Winchester, assignors to Merrimac Chemical Company, Woburn, Mass. Making sodium sulphide. 1,447,524; Mar. 6.
Stanton, Frederick L. (See Fish, Gilbert D., assignor.)
Stanton, Herbert W. (See Flower, John W., assignor.)
Stanton, Joseph R., Newburyport, Mass. Screw driver. 1,476,653; Dec. 4.
Stanton, Norman C. (See Cushman, J. E., and Stanton.)
Stanwood, Frank H., Chicago, Ill. Nosing for automobile running boards and the like. 1,441,039; Jan. 2.
Stap Co. (See Acito, J., and Timen, assignors.)
Staples, Arthur L., assignor to Winchester Repeating Arms Company, New Haven, Conn. Spotlight. 1,445,245; Feb. 13.
Staples, Arthur L., assignor to Winchester Repeating Arms Company, New Haven, Conn. Spotlight. 1,445,246; Feb. 13.
Staples, Arthur L., assignor to Winchester Repeating Arms Company, New Haven, Conn. Spotlight. 1,445,247; Feb. 13.
Staples, Arthur L., assignor to Winchester Repeating Arms Company, New Haven, Conn. Roller-skate roll. 1,453,894; May 1.
Staples, Arthur L., assignor to Winchester Repeating Arms Company, New Haven, Conn. Heelplate for skates or the like. 1,455,276; May 15.
Staples, Arthur L., assignor to Winchester Repeating Arms Company, New Haven, Conn. Roller-skate roll. 1,476,550; Dec. 4.
Staples, Charles F., Detroit, Mich. Washing machine. 1,477,780; Dec. 18.
Staples, Hersey L., Duluth, Minn. Automobile signal. 1,464,451; Aug. 7.
Staples, John S., London, England. Carburetor for explosion engines. 1,442,103; Jan. 16.
Stapleton, Martin W., Muscatine, Iowa. Gravity drain. 1,455,816; May 22.
Stapley, Philip H., Waterbury, Conn., assignor to W. D. Carpenter Company, Syracuse, N. Y. Liquid-soap dispenser. 1,472,695; Oct. 30.
Star Ball Player Company. (See Oscanyan, Paul C., assignor.)
Star Chandelier Company. (See Poritz, Frederick M., assignor.)
Star Contrapropeller Ltd. A./S. (See Wagner, Rudolf, assignor.)
Star Motor Company of California. (See Corgiat, J., jr., and Dusevoir, assignors.)
Star Rubber Company, The. (See Pfeiffer, Fred B., assignor.)
Star Suspender and Garter Co. (See Weinstein, Morris, assignor.)
Star Wire Hanger Company, The. (See Clinton, Richard, assignor.)
Starbard, Raymond C., Paterson, N. J. Brake for baby carriages. 1,450,873; Apr. 3.
Starbird, Robert H., Pittsburgh, Pa., assignor of one-third to L. B. Gratton, Madera, Pa. Dumping mechanism for dump cars. 1,466,970; Sept. 4.
Starbuck, Ernest, Peoria, Ill. Figure wheeled toy. 1,460,616; July 3.
Starck, John R., Weehawken, N. J. Clasp for jewelry. 1,464,452; Aug. 7.
Starck, William A. (See Hathaway, C. H., and Starck.)
Starclough, William H., Parkersburg, W. Va. Tank. 1,451,967; Apr. 17.
Starik, Adolph E., Lakewood, Ohio. Lifting apparatus. 1,457,009; May 29.
Starin, Frank, Springfield, Mass. Combination ash tray and cigar cutter. Des. 61,936; Feb. 13.
Stark, Albert, assignor of one-half to H. Stark, Paterson, N. J. Jar closure. 1,459,558; June 19.
Stark, Alma P., Salt Lake City, Utah. Holder for pockets. 1,469,120; Sept. 25.
Stark, David P., and G. A. Higbee, Placerville, Calif. Animal trap. 1,464,453; Aug. 7.
Stark, Harry. (See Stark, Albert, assignor.)
Stark, Jacob J., Brooklyn, N. Y. Dental attachment. 1,467,956; Sept. 11.

Stark, Ludwig, assignor to "Flexo" Wrench and Tool Company, Chicago, Ill. Wrench or tool. 1,474,798; Nov. 20.
Stark, Olin G., Tunkhannock, Pa. Clutch control. 1,455,676; May 15.
Starke, Eric A., Berkeley, Calif. Apparatus for saving gas and oil from producing wells. 1,467,512; Sept. 11.
Starkenstein, Emil, Prague, Czechoslovakia. Pharmaceutical product. 1,459,347; June 19.
Starker, Charles W., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Bearing housing for electric motors. 1,475,894; Nov. 27.
Starkey, Ernest W. (See Bull, G. F., and Starkey.)
Starkey, Ernest W., assignor to Charles H. Pugh Limited and G. F. Bull, Birmingham, England. Friction clutch. 1,464,251; Aug. 7.
Starkey, Melinda A., Los Angeles, Calif. Fruit snip. 1,474,799; Nov. 20.
Starkl, Joseph, assignor of one-half to H. Heidelberger, and one-half to C. C. Madsen, Chicago, Ill. Envelope opener. 1,474,856; Nov. 20.
Starks, Ray S., assignor of one-half to H. O. Hamre, Berlin, Wis. Automatic gas lighter. 1,452,987; Apr. 24.
Starkweather, Brayton W., assignor of one-half to E. W. Joyce, East Rochester, N. Y. Legged article. 1,444,569; Feb. 6.
Starkweather, Oscar H., Needham, Mass. Snowplow. 1,453,811; May 1.
Starmer, Mary, Newport News, Va. Belt buckle. 1,455,413; May 15.
Starmer, Mary, Newport News, Va. Belt buckle. 1,477,726; Dec. 18.
Starr, Charles E., Bellingham, Wash., assignor to Perfecto Gear Differential Co., Oakland, Calif. Vehicle driving gear. 1,464,887; Aug. 14.
Starr, Edward B., and M. Stockton, Lompoc, Calif. Disintegrator. 1,446,221; Feb. 20.
Starr, George W., and W. D. Paynter, Grass Valley, Calif. Mining machine. 1,465,372; Aug. 21.
Starr, George W., and W. D. Paynter, Grass Valley, Calif. Mining machine. 1,467,513; Sept. 11.
Starr, James R. L. (See Dodd, Henry S., assignor.)
Starr, Leo V. (See Kysela, Rudolph, assignor.)
Starr, Louis M. (See Epstein, Eli, assignor.)
Starr, Meyer, New York, N. Y. Check writer. 1,456,522; May 29.
Starr Piano Company. (See Mayer, Fred G., assignor.)
Starr, Samuel E., et al. (See Haas, Victor E., assignor.)
Starr, Thomas C., assignor, by mesne assignments, of one-half to J. P. Hartman, San Francisco, Calif. Davenport. 1,474,947; Nov. 20.
Starrett, Arthur H. (See Adell, J. A., and Starrett.)
Starrett, Arthur H., assignor to The L. S. Starrett Company, Athol, Mass. Bench block. 1,442,415; Jan. 16.
Starrett, Henry F., assignor to Starrett Mfg. Co., Chicago, Ill. Lock. 1,466,489; Aug. 28.
Starrett, Henry F., assignor to Starrett Mfg. Co., Chicago, Ill. Clamp. 1,472,619; Oct. 30.
Starrett, L. S., Company, The. (See Adell, J. A., and Starrett, assignors.)
Starrett, L. S., Company, The. (See Amsden, A. W., and Starrett, assignors.)
Starrett, L. S., Company, The. (See Starrett, Arthur H., assignor.)
Starrett Mfg. Co. (See Starrett, Henry F., assignor.)
Starrett, William D. (See Amsden, A. W., and Starrett.)
Start, Lester M., S. B. Stafford, and J. W. Vedder, Worcester, Mass. Fourdrinier paper-making machine. 1,458,558; June 12.
Startup, Kenneth S. (See Young, Frank A., assignor.)
Staset Company, The. (See Stackhouse, Milroy G., assignor.)
State Street Trust Company, trustee. (See Doble, Ralph N., assignor.)
State Street Trust Company, Trustee. (See Howard, S. R., and Anderson, assignors.)
Stateropoulos, Ioannes G. (See Balison, P. A., and Stateropoulos.)
States Company, The. (See Blakeslee, Henry J., assignor.)
Statham, Richard J., Glendive, Mont. Radiator-supporting stand. 1,474,212; Nov. 13.
Statler, William J., assignor to The Jewett Refrigerator Company, Buffalo, N. Y. Shelf. 1,452,765; Apr. 24.
Statz, Robert J. (See Dodge, A. Y., and Statz.)
Staub, Henri, Manoir du Cygne, Coppet, Switzerland. Gaiter of springs. 1,452,853; Apr. 24.
Staub, Herman, assignor to Textile Machine Works, Wyomissing, Pa. Beater mechanism for braiding machine. 1,455,892; May 22.
Stauch, Louis A., Toledo, Ohio. Gauge. 1,465,694; Aug. 21.
Staude, Edwin G., Minneapolis, Minn. Combined clutch and brake control. 1,447,908; Mar. 6.
Staude, Edwin G., St. Paul, Minn. Paper-box machine. 1,449,959; Mar. 27.
Staude, Edwin G., Minneapolis, Minn. Automatic brake control for power-propelled vehicles. 1,470,701; Oct. 16.
Staudenmayer, Charles F., Baltimore, Md. Artificial fuel and making the same. 1,477,671; Dec. 18.
Stauder, Emanuel, assignor to Huther Bros. Saw Manufacturing Company, Rochester, N. Y. Band-saw machine. 1,459,933; June 26.
Staudinger, Hermann, Zurich, H. Veraguth and R. Tobler, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Indigoidic dyestuffs and making same. 1,461,436; July 10.
Staudinger, William J., Brooklyn, N. Y. Hedge cutter. 1,458,250; June 12.
Staudohar, Mike, Girard, Ohio. Combined table and chair. Des. 62,150; Mar. 27.
Stauffer, Benjamin B., Chicago, Ill. Grain-transferring device for separators. 1,444,142; Feb. 6.
Stauffer, Henry W. (See Bonine, C. E., and Stauffer.)
Staugaard, Christian, Detroit, Mich. Spindle-bolt-removing device. 1,454,086; May 8.
Staunton, Robert L., Salina, Kans. Lead-joint runner. 1,469,027; Sept. 25.
Stavig, Olaf, Seattle, Wash. Self-service store directory. 1,462,390; July 17.
Stazak, Michael B., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system. 1,466,856; Sept. 4.
Ste. Anonyme pour l'Exploitation de Procedes Westinghouse Leblanc. (See Leblanc, Maurice, assignor.)
Ste. Genevieve Wash Machine Corporation. (See Kintzele, Julius H., assignor.)
Steadman, Harry P., Calamas, Iowa. Lifting device for automobile bodies. 1,468,928; Sept. 25.
Stearns, Albert L., New York, and A. W. Hofmann, Brooklyn, assignors to Roy Watch Case Co., New York, N. Y. Watchcase filler ring. 1,469,735; Oct. 2.
Stearns & Foster Company, The. (See Brown, Alfred C., assignor.)
Stearns, Harry D., San Francisco, Calif. Display and serving rack. 1,471,578; Oct. 23.
Stearns, Joseph L., assignor to Stearns Register Company, Detroit, Mich. Register. 1,449,072; Mar. 20.
Stearns, Marcus C., Chicago, Ill. Ironing board. 1,446,943; Feb. 27.
Stearns, Ralph O., Winthrop, and D. E. McGraw, North Lawrence, N. Y. Pasteurizing device. 1,468,420; Sept. 18.
Stearns, Ralph O., Winthrop, N. Y., and D. E. McGraw, Cresskill, N. J. Condenser for steam-driven machinery. 1,473,449; Nov. 6.
Stearns, Ray. (See Macloskie, G., and Stearns.)
Stearns, Ray, Schenectady, N. Y., and G. Macloskie, Erie, Pa., assignors to General Electric Company. Braking systems. 1,442,305; Jan. 16.
Stearns Register Company. (See Stearns, Joseph L., assignor.)
Stearns-Roger Manufacturing Company, The. (See Nevill, David J., assignor.)
Stearns, William B., Milton, Mass. Electrical distributor. 1,461,101; July 10.
Stebber, Emil O., Flagstone, British Columbia, Canada. Rim. 1,462,426; July 17.
Stebbins, Frank E., Washington, D. C. Kinetic-energy-transforming means for cars. 1,461,787; July 17.
Stebbins, Frank E., Washington, D. C. Kinetic-energy-transforming means for cars, bumpers, etc. 1,461,788; July 17.
Stebbins, Joseph L., Hanover, Pa. Snowplow. 1,445,183; Feb. 13.
Stebler, Fred, assignor to Stebler Parker Co., Riverside, Calif. Brush. 1,454,191; May 8.
Stebler, Fred, assignor to Stebler Parker Co., Riverside, Calif. Fruit cleaner. 1,457,861; June 5.
Stebler, Fred, assignor to Stebler-Parker Co., Riverside, Calif. Box-elevator feeder. 1,461,465; July 10.
Stebler, Fred, assignor to Stebler Parker Co., Riverside, Calif. Fruit-handling apparatus. 1,476,113; Dec. 4.
Stebler, Fred, and R. E. Davis, assignors to Stebler Parker Co., Riverside, Calif. Fruit-sizing apparatus. 1,461,702; July 10.
Stebler, Fred, Riverside, and G. T. Stamm, Upland, assignors to Stebler Parker Co., Riverside, Calif. Box-handling apparatus. 1,474,857; Nov. 20.
Stebler Parker Co. (See Parker, George D., assignor.)
Stebler Parker Co. (See Stebler, Fred, assignor.)
Stebler Parker Co. (See Stebler, F., and Davis, assignors.)
Stebler Parker Co. (See Stebler, F., and Stamm, assignors.)
Stecher, Charles, Chicago, Ill. Soldering machine. 1,451,032; Apr. 10.
Stecher, Charles, Chicago, Ill. Boring machine. 1,452,940; Apr. 24.
Stecher, Hans, Brooklyn, N. Y. Pencil-illuminating device. 1,450,991; Apr. 10.
Stedman, George M., assignor to Stedman's Foundry & Machine Works, Aurora, Ind. Revolving screen. 1,473,745; Nov. 13.
Stedman, George M., assignor to Stedman's Foundry & Machine Works, Aurora, Ind. Revolving screen. 1,473,746; Nov. 13.
Stedman, James H., Braintree, Mass. Shoe sole. 1,458,201; June 12.
Stedman, John F. (See Green, D. F., and Stedman.)
Stedman, John F., Tigard, Oreg. Tool-supporting stand. 1,470,296; Oct. 9.

Stedman, Leonard B. (See Silvene, A., and Stedman.)
Stedman's Foundry & Machine Works. (See Stedman, George M., assignor.)
Steed, Otho H. G., Stafford, England. Loading and discharge pipe line system for oil tankers. 1,478,925; Dec. 25.
Steede, George F., Tipperary, Ireland. Liquid-level indicator. 1,446,944; Feb. 27.
Steedsman, Victor D., and E. H. Intlehouse, De Lamere, N. Dak. Elevating bucket. 1,473,258; Nov. 6.
Steeg, Frederick L., assignor of one-half to J. L. Burkey, Chicago, Ill. Ring. Des. 63,380; Nov. 27.
Steel, Charles C., Williamsport, Pa. Metallic railway tie. 1,474,298; Nov. 13.
Steel, Charles C., and T. H. Lynn, Williamsport, Pa. Tire carrier. 1,478,406; Dec. 25.
Steel, Earl H., Indianapolis, Ind. Chimney flashing. 1,442,587; Jan. 16.
Steel, Edward R., Grundy Center, and P. C. Molgard, Eldora, Iowa. Ice box. 1,478,770; Dec. 25.
Steel Heddle Manufacturing Company. (See Kaufmann, Jacob, assignor.)
Steel, Marjorie, Los Angeles, Calif. Camping bed for automobiles. 1,465,925; Aug. 21.
Steel Products Company, The. (See Garman, Harry B., assignor.)
Steel Products Company. The. (See Spire, William H., assignor.)
Steel Scaffolding Co., The. (See Goodwin, James R., assignor.)
Steel Stamping Company, The. (See Bregman, Harry, assignor.)
Steel Utilities Incorporated. (See Hawthorne, Louis A., assignor.)
Steele, Albert H., administrator. (See Baird, Melville B.)
Steele, Albert H., administrator. (See Baird, M. B., and Walls.)
Steele, Alexis P., Statesville, N. C. Drag-line excavator. 1,448,680; Mar. 13.
Steele, Archie W., Bloomfield, assignor to W. J. Hawkins, Montclair, N. J. Electric fuse. 1,468,758; Sept. 25.
Steele, Arthur G., Rawlins, Wyo. Egg beater. 1,467,205; Sept. 4.
Steele, Charles W., assignor to The Miller Rubber Company, Akron, Ohio. Ball-varnishing machine. 1,471,424; Oct. 23.
Steele, Edward B., Rochester, assignor to Queen City Material Co., Buffalo, N. Y. Engraver's transferring device. 1,457,469; June 5.
Steele, Francis F. (See Matheny, C. A., and Steele.)
Steele, Frederick P., assignor, by mesne assignments, to Midwest Engine Corporation, Indianapolis, Ind. Tractor wheel rim. 1,442,030; Jan. 9.
Steele, Grove F., jr., New Britain, Conn. Post-office-box door. Des. 62,425; May 22.
Steele, Grove F., jr., New Britain, Conn. Post-office-drawer front. Des. 62,426; May 22.
Steele, Harney G., Johnstown, Pa. Holder for nonskid chains. 1,474,563; Nov. 20.
Steele, James R., Owego, N. Y. Anticreeper. 1,473,652; Nov. 13.
Steele, John H. (See Lane, C. H., and Steele.)
Steele, John R., and J. R. Stanger, Iona, assignors to Universal Safety Brake Company, Idaho Falls, Idaho. Brake. 1,448,095; Mar. 13.
Steele, Lawrence C. (See Bennett, C. W., and Steele.)
Steele, Thomas, assignor to The Columbus Dental Manufacturing Company, Columbus, Ohio. Interchangeable facing and backing. 1,473,055; Nov. 6.
Steele, Warren E., San Francisco, Calif. Reversible window. 1,443,933; Jan. 30.
Steele, Wesley, assignor of one-half to W. F. Guttery, Double Springs, Ala. Harrow. 1,469,195; Sept. 25.
Steele, Willard S. (See Hoopes, Charles P. and F. P., and Steele.)
Steelman, Lewis, Millville, N. J., assignor to H. L. Dixon Company, Pittsburgh, Pa. Leer. Re15,603; May 15.
Steely, Charles R., Corsicana, Tex. Advertising device. 1,471,810; Oct. 23.
Steen, Axel W., Los Angeles, Calif. Camp grate. 1,473,056; Nov. 6.
Steen, Axel W., assignor of one-half to J. C. Foelsing, Los Angeles, Calif. Takedown camp stove. 1,474,646; Nov. 20.
Steen, Buford J., Christine, Tex. Engine starter. 1,442,366; Jan. 16.
Steen, Buford J., Christine, Tex. Pipe wrench. 1,450,016; May 1.
Steen, Buford J., and W. O. Martin, Christine, Tex. Stump remover. 1,460,617; July 3.
Steenberg, Erik, Hellerup, Denmark. Combined churning and emulsifying machine. 1,468,581; Sept. 18.
Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Diaphragm for elastic-fluid turbines and making same. 1,470,497; Oct. 9.
Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Elastic-fluid-turbine rotor and making same. 1,470,498; Oct. 9.
Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Elastic-fluid turbine. 1,470,499; Oct. 9.
Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Elastic-fluid turbine. 1,470,500; Oct. 9.
Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Making blade rings for elastic-fluid turbines. 1,470,501; Oct. 9.
Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Making blade rings for elastic-fluid turbines. 1,470,502; Oct. 9.
Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Making blade rings. 1,470,503; Oct. 9.
Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Bucket wheel and making same. 1,470,504; Oct. 9.
Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Elastic-fluid turbine. 1,470,505; Oct. 9.
Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Manufacturing turbine elements. 1,470,506; Oct. 9.
Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Making rotor elements for elastic-fluid turbines. 1,470,507; Oct. 9.
Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Manufacturing turbine elements. 1,470,508; Oct. 9.
Steere, Clarence E., Redondo Beach, Calif. Wrapping machine. 1,474,181; Nov. 13.
Steere, Clarence E., assignor to H. Scarborough, Milwaukee, Wis. Can-filling machine. 1,471,867; Oct. 23.
Steese, Jay C., and C. A. Hoff, assignors to The Akron Lamp Company, Akron, Ohio. 1,451,123; Apr. 10.
Steese, Marcus C., Duluth, Minn. Means for preventing the escape of inclosed gas. 1,475,656; Nov. 27.
Stefan, Jacob, jr., Chicago Heights, assignor, by mesne assignments, to Inland Steel Company, Chicago, Ill. Fence. 1,452,766; Apr. 24.
Steffa, Homer I., Chicago, Ill. Heat-exchange apparatus. 1,453,292; May 1.
Steffan, William C., F. B. Ackermann, and W. J. Greiner, Chicago, Ill. Pencil. Des. 62,224; Apr. 17.
Steffee, William H., assignor of one-half to A. D. Major, Worcester, Mass. Railway spike. 1,456,682; May 29.
Steffen, Adolf, assignor to Pittsburgh Lamp, Brass & Glass Company, Pittsburgh, Pa. Lamp standard. Des. 63,125; Oct. 9.
Steffen, Adolf, assignor to Pittsburgh Lamp, Brass & Glass Company, Pittsburgh, Pa. Lamp Standard. Des. 63,441; Dec. 4.
Steffens, George V., St. Louis, Mo. Automobile tool kits. 1,441,251; Jan. 9.
Stegeman, Henry J., Fairfield, Conn., assignor to The Holt Manufacturing Company, Stockton, Calif. Tractor. 1,455,455; May 15.
Stegmann, Louis A., assignor to Cinema Advertising Corporation, Newark, N. J. Display device. 1,474,388; Nov. 20.
Stegmann, Otto, Will County, Ill. Lubricator cup. 1,477,672; Dec. 18.
Stehl, Conrad, Oakland, Calif. Pencil. Des. 62,198; Apr. 10.
Stehle, William H. (See Hughes, James W., assignor.)
Stehlin, Charles F., New Rochelle, N. Y. Transmission oiler. 1,442,789; Jan. 16.
Stehlin, Charles F., New Rochelle, N. Y. Cage press. 1,448,774; Mar. 20.
Stehmann, Harry, Berlin-Hohenschonhausen, Germany. Grate for shaft furnaces. 1,452,006; Apr. 17.
Steidle, Frank X., Cincinnati, Ohio, and R. J. Hollmeyer, Newport, Ky. Radiator mounting. 1,449,960; Mar. 27.
Steiert, Alois F., and O. W. Linke, Philadelphia, Pa. Floor polisher. 1,471,217; Oct. 16.
Steiger & Kerr Stove & Foundry Co., The. (See Sattler, John H., assignor.)
Steigerwald, Edward, and F. L. H. Pfeil, Philadelphia, Pa. Spring clip. 1,477,605; Dec. 18.
Steigerwald, George N., Hatbora, Pa., assignor to Rail Welding and Bonding Company, Cleveland, Ohio. Apparatus for welding rails. 1,442,834; Jan. 23.
Steigmeyer, Frederick, Westhaven, Calif. Seed-conditioning apparatus. 1,473,165; Nov. 6.
Stein, A., & Company. (See Kuehn, Charles P., assignor.)
Stein, A., & Company. (See Liebenstein, Max J., assignor.)
Stein, A., & Company. (See Stein, Samuel M., assignor.)
Stein, Charles, New York, N. Y. Leather hand bag. Des. 62,930; Aug. 21.
Stein, Daniel J. (See Larry, E. P., and Stein.)
Stein, Fredrick W., Kenosha, assignor of one-half to J. Gibbons, Milwaukee, Wis. Tool. 1,464,298; Aug. 7.
Stein, Henry E., assignor to The Quad Stove Mfg. Co., Columbus, Ohio. Wall heater. 1,456,472; May 22.
Stein, Isaac and S., Revere, Mass. Heel lining for boots and shoes. 1,469,853; Oct. 9.
Stein, Jacob, New York, N. Y. Ventilated sanitary garment. 1,458,082; June 5.
Stein, Jacob, New York, N. Y. Sanitary belt. 1,475,895; Nov. 27.
Stein, Lawrence M. (See Moulton, Harley C., assignor.)
Stein, Louis, Chicago, Ill. Temporary binder. 1,451,377; Apr. 10.

Stein, Myer J., Chicago, Ill. Cushion wheel. 1,460,453; July 3.
Stein, Samuel. (See Stein, Isaac and S.)
Stein, Samuel M., assignor to A. Stein & Company, Chicago, Ill. Display reel. 1,445,417; Feb. 13.
Stein, Solomon, Washington, D. C. Jewel setting. 1,457,196; May 29.
Steinacher, Rudolph. (See Graf, Emil, assignor.)
Steinbach, Arthur, assignor of one-half to L. Podgorsek, Chicago, Ill. Armature for dynamo-electric machines. 1,450,521; Apr. 3.
Steinberger, Louis, Brooklyn, N. Y. Insulator. 1,443,657; Jan. 30.
Steinberger, Louis, Brooklyn, N. Y. Insulator-supporting pin. 1,444,434; Feb. 6.
Steinberger, Louis, Brooklyn, N. Y. Photographic developing tray. 1,444,435; Feb. 6.
Steinberger, Louis, Brooklyn, N. Y. Insulators. 1,446,135; Feb. 20.
Steinberger, Louis, Brooklyn, N. Y. Insulator. 1,446,523; Feb. 27.
Steinberger, Louis, Brooklyn, N. Y. Ventilated line insulator. 1,447,359; Mar. 6.
Steinberger, Louis, Brooklyn, N. Y. Strain insulator. 1,448,096; Mar. 13.
Steinberger, Louis, Brooklyn, N. Y. Column strain insulator. 1,448,604; Mar. 13.
Steinberger, Louis, Brooklyn, N. Y. Insulator. 1,451,968; Apr. 17.
Steinberger, Louis, Brooklyn, N. Y. Insulated connector. 1,451,969; Apr. 17.
Steinberger, Louis, Brooklyn, N. Y. Strain insulator. 1,453,201; Apr. 24.
Steinberger, Louis, Brooklyn, N. Y. Telephone or other sound receiver. 1,455,817; May 22.
Steinberger, Louis, Brooklyn, N. Y. Telephone or other sound receiver. 1,455,818; May 22.
Steinberger, Louis, Brooklyn, N. Y. Column strain insulator. 1,468,042; Sept. 18.
Steinberger, Louis, Brooklyn, N. Y. Insulator-supporting pin. 1,468,043; Sept. 18.
Steinberger, Louis, Brooklyn, N. Y. Line insulator. 1,468,044; Sept. 18.
Steindorf, Otto W., Wheeling, W. Va. Flanged pipe coupling. 1,443,051; Jan. 23.
Steinecke, Fritz, Remscheid, Germany, assignor to the Firm: Mannesmannröhren-Werke, Dusseldorf, Germany. Rolling mill. 1,474,124; Nov. 13.
Steiner, Alois J., Hoboken, N. J. Can-covering machine. 1,456,409; May 22.
Steiner, Frank M., Minneapolis, Minn., assignor to Steiner Sales Company, Salt Lake City, Utah. Towel cabinet. 1,470,941; Oct. 16.
Steiner, Frank M., Minneapolis, Minn., assignor to Steiner Sales Company, Salt Lake City, Utah. Towel cabinet. 1,470,942; Oct. 16.
Steiner, Frank M., Minneapolis, Minn., assignor to Steiner Sales Company, Salt Lake City, Utah. Towel cabinet. 1,470,943; Oct. 16.
Steiner, Frank M., Minneapolis, Minn., assignor to Steiner Sales Company, Salt Lake City, Utah. Towel cabinet. 1,470,944; Oct. 16.
Steiner, Frank M., and W. S. Graves, Minneapolis, Minn., assignors to Steiner Sales Company, Salt Lake City, Utah. Towel cabinet. 1,477,018; Dec. 11.
Steiner, George A., assignor to Steiner Sales Company, Salt Lake City, Utah. Towel cabinet. 1,454,910; May 15.
Steiner, George A., assignor, by mesne assignments, to Steiner Sales Company, Salt Lake City, Utah. Towel cabinet. 1,477,019; Dec. 11.
Steiner, Hubbard W., C. W. Shipley, and J. Morrison, assignors to The Trailmobile Company, Cincinnati, Ohio. Army field kitchen. 1,451,087; Apr. 10.
Steiner, Leopold, New York, N. Y., assignor to Leopold Steiner Mfg. Co. Apparatus for preparing anæsthetics. 1,469,608; Oct. 2.
Steiner, Leopold Mfg. Co. (See Steiner, Leopold, assignor.)
Steiner Sales Company. (See Overholt, Albert L., assignor.)
Steiner Sales Company. (See Steiner, Frank M., assignor.)
Steiner Sales Company. (See Steiner, F. M., and Graves, assignors.)
Steiner Sales Company. (See Steiner, George A., assignor.)
Steinert, Clarence L., Waukesha, Wis. Means for promoting retail credit. 1,475,896; Nov. 27.
Steinhardt, Adolph, et al. (See Burgess, William E., assignor.)
Steinhardt, Arthur, Berlin, Germany. Electrically-heated vessel. 1,442,910; Jan. 23.
Steinhauer, William R., and J. N. Prutzman, Mt. Vernon, Wash. Automobile headlight. 1,463,024; July 24.
Steiniger, Emil E., (See Wilkisson, Edward L., assignor.)
Steinkamp, George F., Cincinnati, Ohio. Combined stationary washstand and bath chair. 1,457,470; June 5.
Steinke, Albert L., Pipestone, Minn. Stock-tank heater. 1,463,099; July 24.
Steinkeller, Thomas J., Berkeley, Calif. Control valve for air-brake systems. 1,444,281; Feb. 6.
Steinkeller, Thomas J., Berkeley, Calif. Pressure-control valve. 1,448,469; Mar. 13.
Steinkeller, Thomas J., Berkeley, assignor to M. G. Jeffress, San Francisco, Calif. Air-brake-control valve. 1,458,370; June 12.
Steinkraus, Henry W., Peoria, Ill. Clothesline holder. 1,478,803; Dec. 25.
Steinle, William J., Flushing, N. Y., assignor to The Hartford Rubber Works Company. Apparatus for manufacturing tire casings. 1,470,889; Oct. 16.
Steinman, Edmund A. (See Horwich, H. J., and Steinman.)
Steinman, Jacob H., Oakland, assignor to Selectasine System Inc., San Francisco, Calif. Producing pictures in color. 1,444,531; Feb. 6.
Steinmark, Harry D., Brooklyn, N. Y. Lock. 1,475,725; Nov. 27.
Steinmetz, Charles M., Washington, D. C. Shirt having reversible soft cuffs. 1,445,364; Feb. 13.
Steinmetz, Charles P., Schenectady, N. Y., and R. G. Standerwick, Lynn, Mass., assignors to General Electric Company. Regulator for electric generators. 1,477,782; Dec. 18.
Steinmetz Electric Motor Car Corporation. (See Stoppenbach, Donald C., assignor.)
Steinmetz, Joseph A., Philadelphia, Pa. Tire-inflating attachment for disk wheels. 1,452,284; Apr. 17.
Steinmetz, Joseph A., Philadelphia, Pa. Disk wheel. 1,471,014; Oct. 16.
Steinmetz, Lyel, (See Maxwell, George H., assignor.)
Steinmetz, Stefan, Berlin, Germany. Apparatus for washing, husking, and polishing wet grain. 1,464,547; Aug. 14.
Steinmeyer, Hermann, New York, N. Y. Pocket file case 1,470,549; Oct. 9.
Steinus, Charles A., Detroit, Mich. Table. 1,444,645; Feb. 6.
Stell, Alfred, Steeton, near Keighley, and John Stell, Keighley, England. Doffing apparatus for spinning, doubling, twisting, and like machines. 1,464,730; Aug. 14.
Stell, John. (See Stell, Alfred and J.)
Stelling, Gustaf, Del Mar, Calif. Differential mechanism. 1,476,379; Dec. 4.
Stellner, William F., Danville, Ill. Traffic signal. 1,467,206; Sept. 4.
Stelter, Edward B., Hingham, Mont. Force-pump oil can. 1,466,256; Aug. 28.
Stelter, Francis C. W., Astoria, N. Y. Dyeing machine. 1,452,129; Apr. 17.
Stember, Bernard, New York, N. Y. Pocketbook. 1,463,729; July 31.
Stemen, Clifford O., Detroit, Mich. Envelope. 1,446,073; Feb. 20.
Stemmler, Edwin F., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Timber-treating apparatus. 1,450,897; Apr. 3.
Stempel, Laszlo M. (See Bain, J. G., and Stempel.)
Stenberg, Carl M. (See Lamont, J. A., and Stenberg.)
Stenberg, Ervin C., Denver, Colo. Steering wheel. 1,477,727; Dec. 18.
Stenbol, Carl, assignor to Algoma Steel Corporation, Limited, Sault Ste. Marie, Ontario, Canada. Cooling rails or the like after rolling. 1,456,944; May 29.
Stendahl, Ludwig, Fairfield, assignor to The Bryant Electric Company, Bridgeport, Conn. Adapter. 1,452,321; Apr. 17.
Stenger, John, McKeesport, Pa. Air-hose coupling. 1,458,862; June 12.
Stenhouse, David, Clarksburg, W. Va. Leer for annealing glassware. 1,474,058; Nov. 13.
Stenhouse, Thomas, assignor of sixteen and two-thirds per cent to A. L. D. D'Adrian, Washington, Pa., and sixteen and two-thirds per cent to B. F. Drakenfeld, jr., New York, N. Y. Apparatus for supporting glass cylinders. 1,460,043; June 26.
Stenhouse, Thomas, Washington, Pa., assignor of one-sixth to A. L. D. D'Adrian, Washington, Pa., and one-sixth to B. F. Drakenfeld, jr., New York, N. Y. Method and apparatus for drawing glass cylinders. 1,460,285; June 26.
Stenhouse, Thomas, assignor of one-sixth to A. L. D. D'Adrian, Washington, Pa., and one-sixth to B. F. Drakenfeld, jr., New York, N. Y. Method of and apparatus for supporting glass cylinders. 1,460,286; June 26.
Stenman, Elis F., Lynn, Mass. Snap fastener. 1,447,440; Mar. 6.
Stensgaard, Conrad P. and R. L., Pomona, Calif. Fruit carrier. 1,470,334; Oct. 9.
Stensgaard, Robert L. (See Stensgaard, Conrad P. and R. L.)
Stenson, Solfest N. (See Crago, Felix H., assignor.)
Stent, Dudley H., Delhi, India. Reenforced-concrete railway and the like sleeper. 1,460,115; June 26.
Stenwall, Alfred, Kewanee, Ill., assignor to Walworth Manufacturing Company, Boston, Mass. Valve. 1,462,834; July 24.
Stenzl, Hans, assignor to the Firm of C. H. Boehringer Sohn Chemische Fabrik, Nieder-Ingelheim-on-the-Rhine, Germany, Producing papaverine nitrite. 1,468,607; Sept. 18.

Alphabetical list of patentees—Continued.

Stephen, Archibald R., Lodi, Calif. Almond separator. 1,443,658; Jan. 30.
Stephen, Archibald R., Lodi, Calif. Belt feed for picking tables. 1,443,659; Jan. 30.
Stephen, Archibald R., Lodi, Calif. Almond-separating apparatus. 1,444,570; Feb. 6.
Stephen, Edward, Manchester, England. Means for detaching and delivering lengths of paper. 1,452,621; Apr. 24.
Stephens, Albert G., Indianapolis, Ind. Display-case warmer. 1,463,179; July 31.
Stephens, Andrew J., Kansas City, Mo. Inner tire. 1,475,326; Nov. 27.
Stephens, Arthur E. (See Stephens, Richard, R. J., and A. E.)
Stephens, Benjamin G. C., Auckland, New Zealand. Electric-line insulator. 1,463,852; Aug. 7.
Stephens, Clarence, Clay City, Ind. Antiglare device. 1,462,946; July 24.
Stephens, Dana M., assignor to Janet Garment Company, Charlotte, N. C. Producing fullness in the seat of underwear. 1,470,580; Oct. 9.
Stephens, Earl R., Dover, N. J. Stove. 1,459,559; June 19.
Stephens, Edward E. (See Falconer, Leroy D., assignor.)
Stephens, George R., Atlanta, Ga. Collapsible bucket. 1,464,548; Aug. 14.
Stephens, Henry, Cleveland, Ohio. Tie-plate rail anchor. 1,463,344; July 31.
Stephens, Henry, assignor to The Interstate Railway Supply Company, Cleveland, Ohio. Rail anchor. 1,463,343; July 31.
Stephens, Henry J. (See Marsh, H. V., and Stephens.)
Stephens, Howard O., Pittsfield, Mass., assignor to General Electric Company. Stationary induction apparatus. 1,445,978; Feb. 20.
Stephens, Howard O., Pittsfield, Mass., assignor to General Electric Company. Casing for electrical apparatus. 1,448,009; Mar. 13.
Stephens, Joseph M. (See Long, Willis C. and C. P., and Stephens.)
Stephens, Lawrence, Marietta, Ohio. Plug. 1,465,373; Aug. 21.
Stephens, Lewis E., Fellows, Calif. Key puller. 1,443,052; Jan. 23.
Stephens, Percy W., Chicago, Ill. Fuel-reserve system. 1,470,775; Oct. 16.
Stephens, Richard J. (See Stephens, Richard, R. J., and A. E.)
Stephens, Richard, R. J., and A. E., Upper Norwood, London, England. Drum brake. 1,467,514; Sept. 11.
Stephens, Samuel, Somerville, assignor to Samuel Stephens and Wickersham Quoin Company, Boston, Mass. Printer's quoin. 1,470,297; Oct. 9.
Stephens, Samuel, and Wickersham Quoin Company. (See Stephens, Samuel, assignor.)
Stephens, Thomas A., Parkersburg, W. Va. Lug-socket fishing tool. 1,443,853; Jan. 30.
Stephens, Thomas J., Spokane, Wash. Dust cap for tire valves. 1,451,719; Apr. 17.
Stephens, Thomas J., Cleveland, Ohio. Shaving kit. 1,473,653; Nov. 13.
Stephens, William, Ironwood, Mich. Rotation sleeve for drill bits. 1,465,008; Aug. 14.
Stephensmeier, John H., St. Louis, Mo. Dirigible headlight. 1,464,252; Aug. 7.
Stephenson, Albert E., Dallas, Tex. Tube and tire repair material. 1,456,078; May 22.
Stephenson, Axel G., Denver, Colo., assignor, by mesne assignments, to The Railway Safety Appliance Company. Brake for trucks. 1,441,540; Jan. 9.
Stephenson, Charles F., Fostoria, Ohio. Abrading compound. 1,443,660; Jan. 30.
Stephenson, Charles H., Lynn, Mass. Garbage bucket. 1,441,040; Jan. 2.
Stephenson, Edward M., Hartford, Conn. Portable letter file. 1,474,948; Nov. 20.
Stephenson, George E., Chicago, Ill. Display light. 1,453,731; May 1.
Stephenson, George E., Chicago, Ill. Spotlight color screen. 1,472,095; Oct. 30.
Stephenson, John R., and O. C. Armstrong, Los Angeles, Calif. Tractor attachment for automobiles. 1,454,911; May 15.
Stephenson, Leigh J., et al., trustees. (See Stephenson, Leigh J., assignor.)
Stephenson, Leigh J., assignor to B. V. Decker, L. J. Stephenson, G. B. Burrage, W. T. Fenton, and L. A. Williams, trustees, Chicago, Ill. Control means for electrically-driven mechanism. 1,475,970; Dec. 4.
Stephenson, Ralph E., Indianapolis, Ind., assignor to G. & J. Tire Company. Manufacturing inner tubes. 1,455,364; May 15.
Stephenson, Spencer H., Center Point, Iowa. Attachment for music stands. 1,458,083; June 5.
Stephenson, Wilfred H., San Antonio, Tex. Gauge and filler spout for gasoline tanks. 1,477,728; Dec. 18.
Stephenson, William A., Auckland, New Zealand. Animal-shearing plant. 1,449,561; Mar. 27.
Stephenson, William M., Dallas, Tex. Oil-saver device. 1,453,293; May 1.
Stepkal, Edward. (See Kosatka, F. V., and Stepkal.)
Stepp, James M., Huntington, W. Va. Cleaning apparatus. 1,454,381; May 8.
Steps, Robert A., assignor to Sugar Machinery Company, Los Angeles, Calif. Method of and means for washing centrifugals. Re15,547; Feb. 20.
Stercklen, Prosper, Frankfort-on-the-Main, Germany, assignor to G. Fussner, Menominee, Mich. Metal-working machine and attachment therefor. 1,455,554; May 15.
Stericker, William, Pittsburgh, Pa., assignor to Philadelphia Quartz Company. Combined board and making the same. 1,462,835; July 24.
Sterling Bronze Company. (See Roth, Louis, assignor.)
Sterling Clock Co. (See Stern, Lewis J., assignor.)
Sterling, Emelia, Worthington, Minn. Clothes guard. 1,447,158; Feb. 27.
Sterling, Frederick W., Los Angeles, Calif., assignor, by mesne assignments, to B. H. Dyer Company. Automobile attachment. 1,445,918; Feb. 20.
Sterling, Jessie B. (See Scholes, Edmond P., assignor.)
Sterling Machine & Stamping Company, The. (See Clisby, Roy E., assignor.)
Sterling, Myron C., Mifflinburg, and W. E. Sallade, Turbotville, Pa. Thread-cleaning attachment for textile machinery. 1,475,036; Nov. 20.
Sterling Wheelbarrow Company. (See Mueller, Edward C., assignor.)
Stern, Charles, and G. F. Egan, Jersey City, N. J. Auto tail lamp and signal. Re15,661; July 24.
Stern, Charles, and G. F. Egan, Jersey City, N. J. Signaling mechanism for vehicles. 1,441,890; Jan. 9.
Stern, Edgar L., San Francisco, Calif. Folding box. 1,463,448; July 31.
Stern, Harry L., Philadelphia, Pa. Lace. Des. 62,461; June 5.
Stern, Isidore, New York, N. Y. Removable bridgework attachment. 1,449,631; Mar. 27.
Stern, Isidore, New York, N. Y. Adjustable attachment for removable bridgework. 1,451,718; Apr. 17.
Stern, Joseph H., Paterson, assignor to M. J. Ford Manufacturing Company, Hoboken, N. J. Adjusting device. 1,465,065; Aug. 14.
Stern, Julius. (See Rygiel, A., and Stern.)
Stern, Lewis J., New York, N. Y., assignor to Sterling Clock Co., Inc. Time-control arrangement. 1,473,057; Nov. 6.
Stern, Marcus. (See Doehler, H. H., and Stern.)
Stern, Morris J., Jamaica, N. Y. Jewel mount. Des. 62,268; Apr. 24.
Stern, Morris L., Detroit, Mich. Trousers. 1,458,632; June 12.
Sternad, Andrew F., Chicago, Ill. Feeding machine. 1,451,897; Apr. 17.
Sternberg, Ernst M., West Allis, Wis. Differential mechanism. 1,442,498; Jan. 16.
Sternberger, Robert O. (See Allen, A. F., McCoy, and Sternberger.)
Sternbergh, James H., Reading, Pa. Differential gear. 1,461,102; July 10.
Sterner, Lloyd H., H. M. Landroth, and M. E. Sterner, Fremont, Nebr. Advertising device. 1,452,396; Apr. 17.
Sterner, Minnie E. (See Sterner, L. H., Landroth, and Sterner.)
Sternheimer, Nathan, Richmond, Va. Envelope. 1,470,335; Oct. 9.
Sternitzke, Henry. (See Henkel, H., and Sternitzke.)
Sternlieb, David, deceased, by F. Sternlieb, administratrix, Vienna, Austria. Plastic packing material for stuffing boxes. 1,441,951; Jan. 9.
Sternlieb, Friederike, administratrix. (See Sternlieb, David.)
Sterns, Edward O., assignor to The Sterns Gas Engine Lubricator Company, Columbus, Ohio. System of lubricating gas engines. 1,464,733; Aug. 14.
Sterns, Edward O., assignor to The Sterns Gas Engine Lubricator Company, Columbus, Ohio. System of lubrication. 1,464,734; Aug. 14.
Sterns, Edward O., assignor to The Sterns Gas Engine Lubricator Company, Columbus, Ohio. System of lubricating gas engines. 1,466,857; Sept. 4.
Sterns Gas Engine Lubricator Company, The. (See Sterns, Edward O., assignor.)
Sterrett, Walter R., assignor to H. L. Dixon Company, Carnegie, Pa. Leer conveyer. 1,462,427; July 17.
Sterrick, Harrison D., Pittsburgh, Pa. Shaving and massage brush. 1,458,371; June 12.
Sterrick, Harrison D., Pittsburgh, Pa. Filling attachment. 1,468,887; Sept. 25.
Stetler, Daniel E., Wellington, Kans. Eyeshield for automobile windshields. 1,465,374; Aug. 21.
Stetson, Frank H., Methuen, Mass., assignor to U. S. Bobbin & Shuttle Co., Providence, R. I. Friction for shuttles. 1,440,505; Jan. 2.
Stetson, Frank H., Methuen, Mass., assignor to U. S. Bobbin & Shuttle Co., Providence, R. I. Shuttle-block pin. 1,478,459; Dec. 25.
Stetson, George W., Hingham, Mass. Feed-water regulator. 1,464,669; Aug. 14.
Stettinius, Edward R., et al., executors. (See Sneddon, James P.)
Stettner, John, Philadelphia, Pa. Comb cleaner. 1,457,757; June 5.

Steuart, Gordon R., assignor of one-third to A. H. Hirsig and one-third to W. C. Hollister, Denver, Colo. Regeneration of anhydrous aluminum chloride. 1,464,373; Aug. 7.
Steuart, Guy T., Washington, D. C. Tail-light sign device. 1,467,738; Sept. 11.
Steuber, Frederick W., Chester, Pa. Nozzle. 1,449,873; Mar. 27.
Steudel, George E., Milwaukee, Wis. Hot-blast stove. 1,464,115; Aug. 7.
Steudel, George E., Milwaukee, Wis. Explosion valve. 1,464,116; Aug. 7.
Steurer, John A., New York, N. Y. Diaphragm for sound-reproducing apparatus. 1,459,803; June 26.
Steven, Frank R. Brooklyn, N. Y., assignor to M. H. Treadwell Company. Dumping cars. 1,442,187; Jan. 16.
Stevenell, John L., et al., trustees. (See Winchell, Freeman J., assignor.)
Stevens, Adelbert L. (See Genthner, T. E., and Stevens.)
Stevens, Alton E., Providence, R. I. Selector rack for automatic telephone systems. 1,470,202; Oct. 9.
Stevens, Arthur, Benicia, Calif. Means for treating trees to retard the flow of sap therein. 1,442,367; Jan. 16.
Stevens-Aylsworth Company. (See Given, Arthur, assignor.)
Stevens, Burt D., Evanston, assignor to Miehle Printing Press and Manufacturing Company, Chicago, Ill. Printing-press tripping appliance. 1,472,442; Oct. 30.
Stevens, Burt D., Evanston, and E. F. Dudley, Oak Park, assignors to Miehle Printing Press and Manufacturing Company, Chicago, Ill. Mounting and operating mechanism for reciprocating beds of printing presses. 1,463,274; July 31.
Stevens, Burt D., Evanston, C. Henderson, and W. Saxon, Oak Park, assignors to Miehle Printing Press & Manufacturing Company, Chicago, Ill. Offset printing press. 1,463,562; July 31.
Stevens, Charles C., assignor to The Saginaw Ladder Co., Saginaw, Mich. Ladder. 1,471,290; Oct. 16.
Stevens, Clarence S., Sheboygan, Wis. Milk product and making the same. 1,453,859; May 1.
Stevens & Company. (See McGuckin, John J.)
Stevens & Company. (See McGuckin, J. J., and Peyer, assignors.)
Stevens and Company. (See Stevens, Frederick A., assignor.)
Stevens, Enoch P., Chicago, Ill. Kiln. 1,465,744; Aug. 21.
Stevens, Frank, assignor to C. R. Keegan, Philadelphia, Pa. Machine synchronizing system. 1,446,436; Feb. 20.
Stevens, Frank C., Cohasset, assignor to United Printing Machinery Company, Boston, Mass. Sheet gripper. 1,462,923; July 24.
Stevens, Frederick A., assignor to Stevens and Company, Inc., Providence, R. I. Ophthalmic mounting. 1,441,041; Jan. 2.
Stevens, Frederick A., assignor to Stevens and Company, Inc., Providence, R. I. Ophthalmic mounting. 1,459,348; June 19.
Stevens, Frederick R., Schenectady, N. Y. Steam-engine-valve-reversing gear. 1,453,532; May 1.
Stevens, George A., Ringwood, Ill. Road-building and ditch-cleaning machine. 1,466,569; Aug. 28.
Stevens, George H., Newark, N. J., and C. H. Eaton, East Palestine, Ohio; said Eaton assignor of eight-twentieths to A. R. Knight, New York, N. Y., one-twentieth to S. R. Clark, Springfield, Mass., and one-twentieth to D. P. Swisher, Oil City, Pa. Vulcanization of rubber. 1,465,743; Aug. 21.
Stevens, George L., Long Beach, Calif. Circuit closer for soft-tire alarms. 1,451,596; Apr. 10.
Stevens, Harry P., New York, N. Y. Battery steamer. 1,452,397; Apr. 17.
Stevens, Harry R., Baltimore, Md. Sanitary bottle closure. 1,478,146; Dec. 18.
Stevens, Hayes C., Pittsburgh, Pa. Typewriter attachment. 1,460,770; July 3.
Stevens, Henry C., Oakland, Calif. Peep opening for wireless-telegraph radio boxes. 1,473,941; Nov. 13.
Stevens, Henry R., and R. L. Rockwell, assignors, by mesne assignments, to E. G. Howe, trustee, Seattle, Wash. Combination air valve and electric switch. 1,457,558; June 5.
Stevens, Horace D., assignor to The Firestone Tire and Rubber Company, Akron, Ohio. Method and apparatus for vulcanizing inner-tube splices. 1,469,342; Oct. 2.
Stevens, Isaac F. (See Ames, F. C., and Merril, assignors.)
Stevens, Isaac G., assignor to Yawman & Erbe Mfg. Co., Rochester, N. Y. Illustrative display sheet. 1,455,123; May 15.
Stevens, J. & E., Company. (See Lorentz, Herman G., assignor.)
Stevens, Jesse E., Lebanon, Ind. Spring-repairing device. 1,461,295; July 10.
Stevens, Leslie. (See Burch, George B., assignor.)
Stevens, Owen M., Wallace, Idaho. Drawer latch. 1,446,356; Feb. 20.
Stevens, Robert H., near Newalla, Okla. Boll-weevil exterminator. 1,470,945; Oct. 16.
Stevens, Royal A., assignor to W. H. Bagshaw Co., Inc., Lowell, Mass. Machine for cutting the pointed ends from rods. 1,478,683; Dec. 25.
Stevens, S. Geo. (See Rosendahl, Nils M., assignor.)
Stevens, Samuel R., New York, N. Y. Door lock. 1,455,677; May 15.
Stevens, Sidney, Millinocket, Me. Spherical ball-bearing caster. 1,440,641; Jan. 2.
Stevens & Thompson, Inc. (See Fisk, Ira T., assignor.)
Stevens, Truman E., Omaha, assignor to Potash Reduction Company, Hoffland, Nebr. Crystallizer. 1,450,992; Apr. 10.
Stevens, William A., Maidstone, England. Power-transmission control. 1,467,958; Sept. 11.
Stevens, William C., assignor to The Firestone Tire and Rubber Company, Akron, Ohio. Machine for making tire carcasses. 1,447,441; Mar. 6.
Stevens, William C., assignor to The Firestone Tire and Rubber Company, Akron, Ohio. Tire-stripping apparatus. 1,462,524; July 24.
Stevens, William C., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Clutch. 1,453,202; Apr. 24.
Stevens, William C., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Tensioning means for web rolls and other materials. 1,455,976; May 22.
Stevens, William C., assignor to The Cutler-Hammer Mfg. Co., Wilwaukee, Wis. Electromagnet. 1,460,517; July 3.
Stevens, William H., New York, N. Y. Garter. 1,469,281; Oct. 2.
Stevens, William M., assignor to Gisholt Machine Company, Madison, Wis. Cylinder-grinding machine. 1,445,857; Feb. 20.
Stevens, William N., Madison, Ill., assignor to Gisholt Machine Company, Madison, Wis. Automatic machine tool. 1,453,732; May 1.
Stevenson, Carl S., Binghamton, N. Y. Direction indicator for automobiles. 1,475,657; Nov. 27.
Stevenson, Charles H., assignor to Winchester Repeating Arms Company, New Haven, Conn. Flash-light switch. 1,470,776; Oct. 16.
Stevenson, Charles M. (See Stevenson, Roy W., assignor.)
Stevenson, Charles S., Washington, D. C. Hand stamp. 1,446,671; Feb. 27.
Stevenson Company, The. (See Hibbins, Thomas A., assignor.)
Stevenson, Earl P., Newton, Mass. Treating phosphate rock. 1,453,571; May 1.
Stevenson, Earl P., assignor to Arthur D. Little Inc., Cambridge, Mass. Metallurgical treatment of zinc compounds. 1,444,484; Feb. 6.
Stevenson, Earl P., assignor to Arthur D. Little, Inc., Cambridge, Mass. Producing zinc oxide. 1,445,366; Feb. 13.
Stevenson, Francis E., assignor to The Hydraulic Press Manufacturing Company, Mount Gilead, Ohio. Means for operating presses. 1,456,014; May 22.
Stevenson, Francis E., assignor to The Hydraulic Press Manufacturing Company, Mount Gilead, Ohio. Press. 1,456,257; May 22.
Stevenson, Francis E., assignor to The Hydraulic Press Manufacturing Company, Mount Gilead, Ohio. Semi-automatic table-moving attachment for presses. 1,459,757; June 26.
Stevenson, Francis E., assignor to The Hydraulic Press Manufacturing Company, Mount Gilead, Ohio. Tile press. 1,460,287; June 26.
Stevenson, Francis E., assignor to The Hydraulic Press Manufacturing Company, Mount Gilead, Ohio. Hydraulic press. 1,468,523; Sept. 18.
Stevenson Gear & Manufacturing Company. (See Stevenson, George E. and G. R., assignors.)
Stevenson, George E. and G. R., assignors to Sevenson Gear & Manufacturing Company, Indianapolis, Ind. Gear cutter. 1,445,458; Feb. 13.
Stevenson, George H., Rye, assignor to Western Electric Company, Incorporated, New York, N. Y. Wave meter and similar electrical device. 1,448,575; Mar. 13.
Stevenson, George M., Baltimore, Md. Double-seaming machine. 1,464,017; Aug. 7.
Stevenson, George R. (See Stevenson, George E. and G. R.)
Stevenson, Harry W., Port Chester, N. Y. Handle for batteries. 1,472,997; Nov. 6.
Stevenson, Margaretta, Hailey, Idaho. Washing machine. 1,446,402; Feb. 20.
Stevenson, Norman, et al. (See Gay, George L., assignor.)
Stevenson, Norman, et al. (See Wittmann. Frank, assignor.)
Stevenson, Roy W., Harvard, Ill., assignor to C. M. Stevenson, Chicago, Ill. Stanchion. 1,441,891; Jan. 9.
Stevenson, Tilden B., Caroleen, N. C. Stop motion for spinning frames. 1,451,634; Apr. 10.
Stevenson, Walter J., Charing Cross, London, England. Acetyl cellulose. 1,441,541; Jan. 9.
Stevenson, Walter J., London, England. Plastic composition for films or filaments for cinematographic and other industrial purposes. 1,458,505; June 12.
Stevenson, Walter J., London, England. Manufacture of artificial silk from acetyl cellulose. 1,478,926; Dec. 25.
Stevenson, William B. (See Kieffer, E. T., and Stevenson.)
Stever Beagle Corporation, The. (See Beagle, William J., assignor.)

Steward, Charles A., Plano, Ill. Tripping device for scoops or conveyers. 1,442,911; Jan. 23.
Steward, Charles M., Plano, Ill. Removable tractor spur or lug. 1,473,058; Nov. 6.
Steward, George H., Rutland, Vt. Multiple-spindle crimper for capping condensed-milk cans and the like. 1,458,735; June 12.
Steward, R. F. (See Theimer, Eugene, assignor.)
Stewart, A. L. (See Brecht, George S., assignor.)
Stewart, Albert D. (See Cumfer, Harry A., assignor.)
Stewart, Albert E., assignor to Acme Knitting Machine & Needle Company, Franklin, N. H. Hosiery. Des. 62,924; Aug. 21.
Stewart, Albert E., assignor to Acme Knitting Machine & Needle Company, Franklin, N. H. Needle cylinder. 1,471,633; Oct. 23.
Stewart, Albert L., Wichita, Kans., assignor of one-half to Henry A. Dameron, Prescott, Ariz. Wheat-header-loading attachment. 1,443,854; Jan. 30.
Stewart, Alfred C., Los Angeles, Calif. Valve for internal-combustion engines. 1,452,622; Apr. 24.
Stewart, Alfred C., Los Angeles, Calif. Refrigeration. 1,466,971; Sept. 4.
Stewart, Alexander, Waupaca, Wis. Tractor trailer. 1,442,708; Jan. 16.
Stewart, Alexander, Waupaca, Wis. Traction device. 1,464,781; Aug. 14.
Stewart, Andrew B., assignor to Mechanical Products Company, Chicago, Ill. Door-operating mechanism. 1,465,695; Aug. 21.
Stewart, Arthur A., Lynch, Nebr. Mail carrier. 1,447,693; Mar. 6.
Stewart, Arthur L., and E. Finsen, assignors to Gleason Works, Rochester, N. Y. Gearing mechanism. 1,467,655; Sept. 11.
Stewart, Arthur W. (See Bonk, F. J., and Stewart.)
Stewart, Austin B. (See Campbell, T. A., Damon, and Stewart.)
Stewart, Carson R., Akron, Ohio. Traction device for tires. 1,449,456; Mar. 27.
Stewart, Charles M., Denver, Colo. Safety-first reminder. 1,451,597; Apr. 10.
Stewart, Clay T., Rochester, N. Y. Fuel-feed system. 1,465,189; Aug. 14.
Stewart, Cornelius C., Philadelphia, Pa. Evacuator. 1,456,342; May 22.
Stewart, E. C., et al. (See Todd, Charles H., assignor.)
Stewart, Edgar C. (See Stewart, Ulysses S., assignor.)
Stewart, Edward B., and W. F. Leland, assignors to The Western Casket Hardware Company, Elgin, Ill. Coffin handle. Des. 62,037; Mar. 6.
Stewart, George A., jr. (See Kelley, E. H., and Stewart.)
Stewart, George F., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole-pressing machine. 1,464,888; Aug. 14.
Stewart, George W., Alameda, Calif. Inner liner. 1,445,606; Feb. 13.
Stewart, George W., Chicago, Ill. Signal lantern. 1,458,665; June 12.
Stewart, George W., New York, N. Y. Musical-note-indicating attachment. 1,465,879; Aug. 21.
Stewart, Gladys M., Cincinnati, Ohio. Girl's dress. Des. 62,540; June 19.
Stewart, Hancle L. (See Gaddis, William E., assignor.)
Stewart, Harry B., assignor of one-third to W. H. Davison, Lynn Creek, British Columbia, Canada. Photographic-printing press. 1,477,920; Dec. 18.
Stewart, Henry A., Highland Park, Mich. Milling-machine head. 1,469,121; Sept. 25.
Stewart, James M., et al. (See Ware, Thomas E., assignor.)
Stewart, James S. (See Reynolds, L. F., and Stewart.)
Stewart, John H., Rutherford, N. J. Door hanging and securing means. 1,463,100; July 24.
Stewart, Jonathan M. (See Ringle, H. G., and Stewart.)
Stewart, Josephine F., Washington, D. C. Sachet bag or similar article. Des. 63,666; Dec. 25.
Stewart, Leroy C., assignor to The Dow Chemical Company, Midland, Mich. Segregating olefines. 1,452,322; Apr. 17.
Stewart Manufacturing Corporation. (See McAvoy, John A., assignor.)
Stewart Manufacturing Corporation. (See Nelson, Lawrence C., assignor.)
Stewart, Minor, et al. (See Cardwell, Charles E., assignor.)
Stewart, Owen D. (See Gearhart, R. E., Stewart, and Heckel.)
Stewart, Perez M., Pasadena, Calif. Varnish, paint, or waterproofing composition and making same. 1,464,224; Aug. 7.
Stewart, Ralph W., Los Angeles, Calif. Bin gate. 1,441,608; Jan. 9.
Stewart, Richard C., Covington, Ky. Luggage carrier. 1,478,304; Dec. 18.
Stewart, Robert H., Vancouver, British Columbia, Canada, assignor to Texas Gulf Sulphur Company, Bay City, Tex. Solidifying molten sulphur. 1,454,344; May 8.
Stewart, Samuel W., et al. (See Duder, John, assignor.)
Stewart, Thomas B., Los Angeles, Calif. Propeller. 1,467,515; Sept. 11.
Stewart, Ulysses S., assignor of one-half to E. C. Stewart, Baltimore, Md. Sectional bin. 1,469,609; Oct. 2.
Stewart, Vernon T. (See Ellis, C., and Stewart.)
Stewart, Victor A., Brooklyn, assignor of one-half to R. Thorne, Glen Cove, N. Y. Well-drilling apparatus. 1,454,984; May 15.
Stewart, Walter. (See Flora, Charles L., and C. R., assignors.)
Stewart-Warner Speedometer Corporation. (See Cleven, Axel, assignor.)
Stewart-Warner Speedometer Corporation. (See Grant, Hugo B., assignor.)
Stewart-Warner Speedometer Corporation. (See Olsen, John K., assignor.)
Stewart-Warner Speedometer Corporation. (See Rockwell, Edward A., assignor.)
Stewart-Warner Speedometer Corporation. (See Ross, Frank A., assignor.)
Stewart-Warner Speedometer Corporation. (See Schulze, William H., assignor.)
Stewart-Warner Speedometer Corporation. (See Sparks, William, assignor.)
Stewart-Warner Speedometer Corporation. (See Van Guilder, Walter, assignor.)
Stewart-Warner Speedometer Corporation. (See Wheeler, Leonard H., assignor.)
Stewart-Warner Speedometer Corporation. (See Whittington, Frederik G., assignor.)
Stewart-Warner Speedometer Corporation. (See Wood, Andrew C., assignor.)
Stewart, William, Portland, Me. Process and machine for refrigeration. 1,478,863; Dec. 25.
Stewart, William A., San Francisco, Calif. Harvester. 1,465,190; Aug. 14.
Stewart, William C., Swampscott, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Assembling machine. 1,443,288; Jan. 23.
Stewart, William C. Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Assembling machine. 1,443,289; Jan. 23.
Stewart, William C., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Splitting machine. 1,448,046; Mar. 13.
Stewart, William C., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Blank-sorting machine. 1,461,789; July 17.
Stewart, William C., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making shoes. 1,470,651; Oct. 16.
Stewart, William F., St. Louis, Mo., assignor, by mesne assignments, to American Heater Corporation. Water heater. 1,446,486; Feb. 27.
Stewart, William J., Clinton, Iowa. Demountable poultry-feeding battery. 1,458,736; June 12.
Stewart, William P., Pueblo, Colo. Safety rail for railways. 1,467,696; Sept. 11.
Stewien, Max, Charlottenburg, near Berlin, Germany. Means for photographically reproducing printed matter. 1,466,766; Sept. 4.
Stiansen, Anton P., Brooklyn, N. Y. Safety razor. 1,452,767; Apr. 24.
Stibitz, Charles L., and F. L., Wilburton, Pa. Conveyer chain. 1,478,460; Dec. 25.
Stibitz, Frank L. (See Stibitz, Charles L. and F. L.)
Stice, Jesse H. (See Davis, J. O., and Stice.)
Stich, Johann, Augsburg, Germany. Blotter. 1,463,025; July 24.
Stickle, Cole, assignor to Open Coil Heater & Purifier Company, Indianapolis, Ind. Steam trap. 1,468,178; Sept. 18.
Stickle, Cole, assignor to Open Coil Heater & Purifier Company, Indianapolis, Ind. Auxiliary fluid-pressure control. 1,475,971; Dec. 4.
Stickless Fan Company. (See Lichter, Malvin, assignor.)
Stickney, Burnham C., Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,451,277; Apr. 10.
Stickney, Burnham C., Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,451,278; Apr. 10.
Stickney, Burnham C., Elizabeth, N. J., assignor to Underwood Computing Machine Company, New York, N. Y. Computing machine. 1,458,110; June 5.
Stickney, Burnham C., Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,458,251; June 12.
Stickney, Burnham C., Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,463,537; July 31.
Stickney, Burnham C., Elizabeth, N. J., assignor to Underwood Computing Machine Company, New York, N. Y. Combined typewriting and computing machine. 1,464,117; Aug. 7.
Stickney, Burnham C., Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,465,191; Aug. 14.
Stickney, Burnham C., Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,465,403; Aug. 21.
Stickney, Charles L., assignor to Expansion Drill Company, Prescott, Ariz. 1,450,053; Mar. 27.
Stidham, James H. (See Standefer, J. D., and Stidham.)
Stiefel, Ralph C., Ellwood City, Pa. Tube-rolling mill. 1,453,203; Apr. 24.

Stiefel, Ralph C., Ellwood City, Pa. Making seamless tubes. 1,474,800; Nov. 20.
Stiefel, Ralph C., Ellwood City, Pa. Tube-reducing mill. 1,478,772; Dec. 25.
Stiegler, George, Cincinnati, Ohio. Watch-chain holder. 1,457,716; June 5.
Stiemke, Walter H. (See Jett, George C., assignor.)
Stigar, James A., et al. (See Glass, John E., assignor.)
Stiggins, Edward A., deceased, by M. B. Stiggins, executrix, Beverly, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Machine for working uppers over lasts. 1,475,972; Dec. 4.
Stiggins, Margaret B., executrix. (See Stiggins, Edward A.)
Stiles, Edward M., Burlington, Iowa, assignor to U. S. Slicing Machine Company, Laporte, Ind. Work holder for slicing machines. 1,443,442; Jan. 30.
Stiles, Eugene A., assignor to Kokomo Brass Works, Kokomo, Ind. Valves. 1,459,934; June 26.
Stiles, John C., St. Louis, Mo. Heel construction. 1,450,705; Apr. 3.
Stiles, Noel, R., London, England. Music rolls for automatic music-playing instruments. 1,442,010; Jan. 9.
Stiles, Thomas G., Arlington, N. J. Switch lock mechanism. 1,444,986; Feb. 13.
Still, Benjamin A., Cullman, Ala. Hook. 1,477,293; Dec. 11.
Stille, George, Staunton, Ill. Switch-throwing mechanism. 1.455,678; May 15.
Stillman, Philip. (See Edelman, Henry, assignor.)
Stillwell, Elting C. (See Conley, A. D., and Stillwell.)
Stilwell, Wilson H. (See Fugina, A. R., Clough, and Stillwell.)
Stimmel, Frederick C., Chattanooga, Tenn., assignor to The Casey-Hedges Co. Baffle wall for horizontal water-tube boilers. 1,459,560; June 19.
Stimmel, Frederick C., assignor to The Casey-Hedges Co., Chattanooga, Tenn. Vertical water-tube boiler. 1,459,561; June 19.
Stimmel, Frederick C., assignor to Casey Hedges Co., Chattanooga, Tenn. Water-tube boiler. 1,455,597; May 15.
Stimmel, Frederick C., Chattanooga, Tenn., assignor to The Casey-Hedges Co. Hand stoker. 1,460,618; July 3.
Stimpson, Edward S., assignor to Draper Corporation, Hopedale, Mass. Feeler mechanism for looms. 1,445,649; Feb. 20.
Stimpson, Edward S., assignor to Draper Corporation, Hopedale, Mass. Warp stop mechanism for looms. 1,469,758; Oct. 2.
Stimpson, Edward S., assignor to Draper Corporation, Hopedale, Mass. Warp stop mechanism for looms. 1,478,265; Dec. 18.
Stimpson, Edwin B., Company. (See Rau, Henry V., assignor.)
Stimpson, Wallace I., assignor to Draper Corporation, Hopedale, Mass. Feeler mechanism for looms. 1,469,759; Oct. 2.
Stimpson, Walter F., Louisville, Ky. Bearing frame for scales. 1,448,317; Mar. 13.
Stimpson, Walter F., Louisville, Ky. Scale frame. Des. 63,593; Dec. 18.
Stimson, Frank G., Hamden, Conn., assignor to Winchester Repeating Arms Company, New Haven, Conn. Anti-rolling handlamp. 1,447,050; Feb. 27.
Stimson, Ralph J., Rogersville, Mich. Controlling means for tractors. 1,451,927; Apr. 17.
Stinchfield, Ray L., assignor to Eastman Kodak Company, Rochester, N. Y. Lens shade. 1,450,522; Apr. 3.
Stine, Charles M., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Separating isomeric trinitrotoluenes. 1,450,675; Apr. 3.
Stine, Ruby P., Adams, Ind. Water-bed fence. 1,466,972; Sept. 4.
Stine, Walter, Barberton, Ohio. Train control. 1,442,011; Jan. 9.
Stinebring, George, Shreve, Ohio, assignor to G. B. Lewis Company. Wax press. 1,446,220; Feb. 20.
Stinn, Edward L., Earling, Iowa. Battery box and making same. 1,445.565; Feb. 13.
Stinson, Charles, St. Thomas, Ontario, Canada. Bank desk. 1,441,763; Jan. 9.
Stinson, John N. et al. (See Colgan, John P., assignor.)
Stinson, Warren J. (See Hanke, L. F., and Stinson.)
Stintson, Ethel D., Bisbee, Ariz. Tire carrier. 1,461,503; July 10.
Stipes, Reuben B., J. D. Goodwin and H. C. Welch, Flint, Mich. Wheel-holding device. Re15,679; Aug. 21.
Stipes, Reuben B., J. D. Goodwin, and H. C. Welch, Flint, Mich. Anchoring plate for wheel chocks. 1,448,988; Mar. 20.
Stiriss, Jacob, New York, N. Y., assignor to International Ticket Company, Newark, N. J. Ticket deliverer. 1,466,492; Aug. 28.
Stirn, Charles, San Francisco, Calif. Extensible table and hot-food tray. 1,464,889; Aug. 14.
Stirn, Charles, San Francisco, Calif. Hot food tray. 1,473,799; Nov. 13.
Stirtan, Frank A., San Francisco, Calif. Wind wheel. 1,445,367; Feb. 13.
Stitt, Benton F., et al. (See Clarke, Charles E., assignor.)
Stitt, David, assignor of one-half to J. Sneddon, Morgantown, W. Va. Trolley-wire guard. 1,440,419; Jan. 2.
Stitzel, Frederick, Louisville, Ky. Spring wheel. 1,452,623; Apr. 24.
Stivers, William D., Detroit, Mich., assignor of one-half to G. P. Kimmel, Washington, D. C. Automobile gasoline gauge. 1,457,471; June 5.
Stiyouk, Fedor, Narol, Manitoba, Canada. Lamp extinguisher. 1,478,491; Dec. 25.
Stobie, John A., Malta Bend, Mo. Material-handling apparatus and conveyer. 1,454,345; May 8.
Stockade Building System, Inc., The. (See Hewlett, James M., assignor.)
Stockard, Richard L., Forrest City, Ark. Mud lug. 1,468,582; Sept. 18.
Stockdale, Frank, La Grange, Ill. Display stand or article of similar nature. Des. 61,837; Jan. 23.
Stocke, Jacob, jr., assignor to Progress Press Brick and Machine Company, St. Louis, Mo. Brick-surfacing machine. 1,451,187; Apr. 10.
Stockel, Gerhard, assignor to I. H. Miller, Chicago, Ill. Toy savings bank. 1,476,735; Dec. 11.
Stocker, Carolyn W., Lansdowne, Pa. Shoulder-strap retainer. 1,478,773; Dec. 25.
Stockey, Daniel W., Cedar Rapids, Iowa. Trenching machine. 1,460,117; June 26.
Stockham, Charles E., Oskaloosa, Iowa. Cow-tail holder. 1,457,631; June 5.
Stockham, Charles E., Oskaloosa, Iowa. Poultry coop. 1,461,989; July 17.
Stockholder, John H., New Orleans, La. Boiler prime preventer. 1,464,225; Aug. 7.
Stocking, Fanny H., and W. M. Farrow, sr., Washington, D. C. Hand-operating controlling device for automobiles. 1,464,853; Aug. 7.
Stockland, Arthur, assignor to C. K. Stockland, Minneapolis, Minn. Automobile bed. 1,462,667; July 24.
Stockland, Charles K. (See Stockland, Arthur, assignor.)
Stockland, Charles K., Minneapolis, Minn. Road-grading machine. 1,457,862; June 5.
Stocklin, William C., assignor of one-half to E. E. Ruh, Columbus, Ohio. Automatic fishing-line reel. 1,472,144; Oct. 30.
Stockman, Harry A., assignor of one-half to W. E. Bleloch, Johannesburg, Transvaal, South Africa. Apparatus for crushing or reducing minerals, ores, and other materials. 1,468,759; Sept. 25.
Stockman, Henry C. (See Reggio, Christy, assignor.)
Stockman, Watson B., Chester, Pa. Diluting device for internal-combustion engines. 1,471,983; Oct. 23.
Stocks, James C., Atlanta, Ga. Shirt band and cuff button. 1,463,345; July 31.
Stockstrom, Arthur, assignor to American Stove Company, St. Louis, Mo. Gas heater. Des. 62,070; Mar. 13.
Stockstrom, Arthur, assignor to American Stove Company, St. Louis, Mo. Apparatus for making imitation-tile panels. 1,473,524; Nov. 6.
Stockton, Charles G., Ocean Grove, N. J. Exhaust muffler. 1,452,056; Apr. 17.
Stockton, Frank W., Pittsburgh, assignor to Aluminum Seal Company, New Kensington, Pa. Unvulcanized rubber composition. 1,455,893; May 22.
Stockton, Frank W., Pittsburgh, assignor to Aluminum Seal Company, New Kensington, Pa. Hermetic seal. 1,455,894; May 22.
Stockton, McKinley. (See Starr, E. B., and Stockton.)
Stockton, William A., assignor of two-thirds to W. Dowell, Pleasant Hill, La. Cultivator. 1,452,398; Apr. 17.
Stockwell, Austin F., Los Angeles, Calif. Folding non-skid armor equipment for automobile tires. 1,457,948; June 5.
Stocq, Edmond, Neuilly-sur-Seine, France. Device for driving stone and marble sawing blades. 1,474,299; Nov. 13.
Stoddard, Charles F., assignor to American Piano Company, New York, N. Y. Start and stop mechanism. 1,449.354; Mar. 20.
Stoddard, Edgar R., South Bend, Ind., assignor to The Studebaker Corporation. Forming vehicle bodies from sheet metal. 1,442,912; Jan. 23.
Stoddard, Edgar R., South Bend, Ind., assignor to The Studebaker Corporation. Die for forming vehicle bodies. 1,442,913; Jan. 23.
Stoddard, Elliott J., et al. (See White, Thomas H., assignor.)
Stoddard, Ray F., Dayton, Ohio. Electrical display system. 1,462,875; July 24.
Stoehrer, Harold. (See Stoehrer, Max and H.)
Stoehrer, Harold and M., Methuen, assignors to Stoehrer & Pratt Dodgem Corporation, Lawrence, Mass. Amusement device. 1,467,959; Sept. 11.
Stoehrer, Max. (See Stoehrer, Harold and M.)
Stoehrer, Max and H., Methuen, Mass., assignors, to Stoehrer & Pratt Dodgen Corporation, Lawrence, Mass. Amusement apparatus. 1,478,979; Dec. 25.
Stoehrer & Pratt Dodgem Corporation. (See Stoehrer, Harold and M., assignors.)
Stoehrer & Pratt Dodgen Corporation. (See Stoehrer, Max and H., assignors.)

Stoekle, Erwin R. Milwaukee, Wis. Electrical resistance. 1,448,681; Mar. 13.
Stoekle, Erwin R., Milwaukee, Wis. Rheostat and the like. 1,461,634; July 10.
Stoelting, Adolph F., assignor to Stoelting Bros. Company, Kiel, Wis. Milk can. 1,466,515; Aug. 28.
Stoelting Bros. Company. (See Stoelting, Adolph F., assignor.)
Stoerzer, Berta. (See Mayer, Fritz, assignor.)
Stoeser, Remig F. (See Becker, E. J., and Stoeser.)
Stoffel, Henry, Tulsa, Okla. Ball cock. 1,466,767; Sept. 4.
Stoffel, Martin, McHenry, Ill. Road drag. 1,452,260; Apr. 17.
Stogdale, Joseph S., Tacoma, Wash. Mechanical stoker. 1,475,361; Nov. 27.
Stogner, John R., and P. Adams, Lancaster, S. C. Railway-crossing signal. 1,450,824; Apr. 3.
Stohlman, William F., Long Beach, Calif. Grease dispenser. 1,459,606; June 19.
Stohr, Samuel, assignor to International Silver Company, Meriden, Conn. Spoon or similar article. Des. 61,879; Feb. 6.
Stokely, Ray, Floral Park, assignor to Western Electric Company, Incorporated, New York, N. Y. Machine-switching telephone-exchange system. 1,474,008; Nov. 13.
Stokely, Ray L., Floral Park, assignor to Western Electric Company, Incorporated, New York, N. Y. Toll trunking circuits for machine-switching telephone systems. 1,452,323; Apr. 17.
Stokely, Ray L., Long Island, assignor to Western Electric Company, Incorporated, New York, N. Y. Machine-switching-telephone exchange system. 1,464,118; Aug. 7.
Stokely, Ray L., Floral Park, assignor to Western Electric Company, Incorporated, New York, N. Y. Machine-switching telephone-exchange system. 1,472,501; Oct. 30.
Stokes, Albert W., Philadelphia, Pa. Guide device for taps or reamers. 1,453,204; Apr. 24.
Stokes, Charles L. (See Bracke, Robert F., assignor.)
Stokes, Charles L., Los Angeles, Calif. Apparatus for feeding oil to internal-combustion engines. 1,444,219; Feb. 6.
Stokes, Charles L., Los Angeles, Calif. Liquid-feed system. 1,457,758; June 5.
Stokes, Henry C., Sumter, S. C. Valve for air-brake safety appliances. 1,452,055; Apr. 17.
Stokes, James G., Burgaw, N. C. Traction device. 1,477,983; Dec. 18.
Stokes, James G. P., New York, N. Y. Rifle demonstrator. 1,457,407; June 5.
Stokes, Jane G., New York, N. Y. Doll. Des. 62,151; Mar. 27.
Stokes, Jane G., New York, N. Y. Toy dog. Des. 62,152. Mar. 27.
Stokes, Jane G., New York, N. Y. Toy monkey. Des. 62,509; June 12.
Stokes, John C., Shreveport, La. Well-tool placing and hoisting implement. 1,442,188; Jan. 16.
Stokes, John C., Shreveport, La. Washplug. 1,448,818; Mar. 20.
Stokes, John C., Shreveport, La. Drill. 1,451,794; Apr. 17.
Stokes, John S. (See Novotny, Emil E., assignor.)
Stokes, John S. (See Novotny, Emil E., and Kendall, assignors.)
Stokes, Robert J., Trenton, assignor to Thermoid Rubber Company, Hamilton Township, N. J. Brake block. 1,462,391; July 17.
Stokes & Smith Company. (See Nitsch, C. H., and Federwitz, assignors.)
Stokes & Smith Company. (See Nitsch, C. H., and Weightman, assignors.)
Stokes & Smith Company. (See Nitsch, C. H., Weightman, and Streeper, assignors.)
Stokes, William H., Coventry, assignor to Courtaulds Limited, London, England. Preparation of sulphuric acid starch composition. 1,455,679; May 15.
Stokoe, Charles L., Wallsend-on-Tyne, England. Fluid-flow-controlled safety apparatus. 1,452,899; Apr. 24.
Stolberg, Herman K., Elmhurst, Calif. Safety device for checks. 1,465,099; Aug. 14.
Stoll, Arthur, assignor to Chemical Works formerly Sandoz, Basel, Switzerland. Manufacture of alkaloids. 1,447,400; Mar. 6.
Stoll, David, New York, N. Y. Metal border strip or similar article of manufacture. Des. 62,437; May 29.
Stoll, Frank M., Denver, Colo. Collapsible luggage carrier. 1,442,914; Jan. 23.
Stoll, Frank M., Denver, Colo. Collapsible bed. 1,444,143; Feb. 6.
Stoll, Frank M., Denver, Colo. Portable and collapsible bed. 1,444,144; Feb. 6.
Stoll, Frank M., Denver, Colo. Suitcase table. 1,445,566; Feb. 13.
Stoll, Henry R., El Paso, Tex. Strainer for sinks and the like. 1,454,346; May 8.
Stolle, Georg P. E., Kiel, Germany. Submersion control for divers' armor. 1,466,675; Sept. 4.
Stoller, Hugh M., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical system. 1,459,422; June 19.
Stoller, Hugh M., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical testing system. 1,462,053; July 17.
Stoller, Hugh M., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical ignition system. 1,464,120; Aug. 7.
Stoller, Hugh M., New York, and E. M. Matthews, Jamaica, assignors to Western Electric Company, Incorporated, New York, N. Y. Fault locator for electric cables. 1,464,119; Aug. 7.
Stolley, William A. (See Heddon, C., and Stolley.)
Stolper, Isaac, New York, N. Y. Dental appliance. 1,474,497; Nov. 20.
Stoltje, Frank W., Houston, Tex. Demountable spring tire. 1,445,979; Feb. 20.
Stoltz, James L., Bronxville, N. Y. Composition of matter. 1,442,239; Jan. 16.
Stoltz, John L., Sumner, Ill. Vehicle wheel. 1,462,128; July 17.
Stolworthy, Richard M., Cincinnati, Ohio. Extension ladder. 1,450,312; Apr. 3.
Stolze, William O., Newport, R. I. Automatic device for fishing through ice. 1,451,124; Apr. 10.
Stoms, Marion W., Kansas City, Mo. Combined stop and safety valve. 1,455,940; May 22.
Stoms, Marion W., assignor of one-half to L. W. Morris, Kansas City, Mo. Valve for compressors. 1,454,347; May 8.
Stone, Charles H. (See Reilly, J. B., and Stone.)
Stone, Charles S., Bremerton, assignor of one-half to A. Grassier, Seattle, Wash. Adjustable magnifier. 1,470,890; Oct. 16.
Stone, David, New Rochelle, N. Y., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Electrical coil unit. 1,445,919; Feb. 20.
Stone, Earll R., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Co. Stoker. 1,468,760; Sept. 25.
Stone, Ernest V., Taft, Calif. Vehicle wheel. 1,470,496; Oct. 9.
Stone, Horace G., Chicago, Ill. Tractor wheel. 1,447,442; Mar. 6.
Stone, J. Austin. (See Edwards, Daniel G., assignor.)
Stone, J., & Company Limited. (See Cotter, E. W., and Troughton, assignors.)
Stone, John H., Cranston, R. I., Forming rings. 1,442,240; Jan. 16.
Stone, John H., Edgewood, R. I. Hair comb. 1,469,450; Oct. 2.
Stone, John M., Carrizo Springs, Tex. Detachable hub for eccentrics. 1,453,417; May 1.
Stone, Joseph, assignor to Stone Safety Socket Company, Chicago, Ill. Safety pocket. 1,454,771; May 8.
Stone, Joseph, and B. G. Perry, Bessemer, Ala. Molding machine. 1,458,897; June 12.
Stone, Joseph C., Belmont, Mass. Alloy. 1,442,742; Jan. 16.
Stone, Leo J., Brooklyn, N. Y. Means for securing dowels, tenons, etc., in mortises. 1,448,318; Mar. 13.
Stone, Melvin L., Lawrence, assignor to Draper Corporation, Hopedale, Mass. Bobbin stripper. 1,447,272; Mar. 6.
Stone, Nathan P., and H. Saeter, Fosston, Minn. Fruit-jar holder. 1,470,203; Oct. 9.
Stone, Reginald W., Pasadena, Calif. Tool. 1,461,686; July 10.
Stone, Robert B., Nashville, Tenn. Telephone test set. 1,440,752; Jan. 2.
Stone Safety Pocket Company. (See Stone, Joseph, assignor.)
Stone, Tilden J., Lenoir, N. C. Combined coaster and chair. 1,461,406; July 10.
Stone, Waldo B., Oak Park, Ill. Harvester. 1,440,642; Jan. 2.
Stone, Wallace E. C., Rochester, N. Y. Lens. 1,441,252; Jan. 9.
Stone, Walter A. (See Wright, A. F., and Stone.)
Stone, William E., Oklahoma, Okla. Dirigible light for automobiles. 1,460,866; July 3.
Stone, William H., Kansas City, Mo. Combination nut lock and piston-rod lubricator. 1,465,495; Aug. 21.
Stonebraker, Dave, Park City, Utah. Oil-flotation apparatus. 1,442,306; Jan. 16.
Stoner, Carlton E., Long Beach, Calif. Lateral dirigible light for vehicles. 1,456,258; May 22.
Stoner, Carlton E., Long Beach, Calif. Lateral dirigible light for vehicles. 1,478,587; Dec. 25.
Stoner, Frank, Corregidor Island, and C. H. W. Aitken, assignors to W. M. Thebaut, Manila, P. I. Internal-combustion motor. 1,463,231; July 31.
Stoner, George H., East Boston, Mass. Shock absorber. 1,460,771; July 3.
Stoner, Jack M., assignor of one-half to T. K. Stoner, Chicago, Ill. Shock absorber for vehicles. 1,470,036; Oct. 9.
Stoner, Paul, assignor to Landis Tool Company, Waynesboro, Pa. Machine for grinding crank pins. 1,453,572; May 1.
Stoner, Thomas K. (See Stoner, Jack M., assignor.)
Stoney Foundry Engineering and Equipment Co., The. (See Stoney, J. T., and Purwin, assignors.)
Stoney, John T., Cleveland, Ohio. Collapsible arbor. 1,442,104; Jan. 16.

Stoney, John T., and K. Purwin, assignors to The Stoney Foundry Engineering and Equipment Co., Cleveland, Ohio. Vibrator hook. 1,447,694; Mar. 6.
Stoney, John T. and R. E., Cleveland, Ohio. Molding machine. 1,470,402; Oct. 9.
Stoney, Raymond E. (See Stoney, John T. and R. E.)
Stoney, Thomas P. (See Simons, J. T., Elliott, and Stoney.)
Stonge, Harvey E., assignor to The S. K. Neckwear Limited, Toronto, Ontario, Canada. Tie. 1,457,559; June 5.
Stoop, William J., Wheeling, W. Va. Arch for the fire boxes of boilers. 1,442,105; Jan. 16.
Stoop, William J., Wheeling, W. Va. Baffle support for water-tube boilers. 1,447,443; Mar. 6.
Stoops, Albert G., Indianapolis, Ind. Well-shooting-torpedo apparatus. 1,444,571; Feb. 6.
Stop-Burglar Lock Company. (See Hill, Elert A., assignor.)
Stoppello, Ralph F., Providence, R. I. Clamp. 1,458,666; June 12.
Stoppenbach, Donald C., assignor to Steinmetz Electric Motor Car Corporation, New York, N. Y. Driving mechanism. 1,464,684; Aug. 14.
Storb Snader & Company. (See Gilfillan, Robert H., assignor.)
Storch, Samuel, assignor of one-third to S. E. Tepper and one-third to D. Berwick, Brooklyn, N. Y. Connector for radio equipment. 1,464,274; Aug. 7.
Storer, Austin E., Newark, Ohio. Inner tube. 1,443,392; Jan. 30
Storer, Norman W., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. System of control. Re15,524; Jan. 9.
Storer, Norman W., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. System of control. Re15,525; Jan. 9.
Storer, Norman W., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Coupler. 1,456,945; May 29.
Storer, Norman W., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrical system. 1,477,465; Dec. 11.
Storey, Andrew W., deceased, Manchester, England; E. G. Storey, administratrix. Barbed wire. 1,468,218; Sept. 18.
Storey, Emily G. (See Storey, Andrew W.)
Storey, Jacob, Berlin, N. H. Ash sifter. 1,478,266; Dec. 18.
Storey, Leonidas P., assignor to Waterous Fire Engine Co., St. Paul, Minn. Clutch shifting mechanism. 1,456,289; May 22.
Storey, William J., Port Melbourne, Victoria, Australia. Shock absorber. 1,468,652; Sept. 25.
Stork, William B., Andover, Mass. Automatic steam stop valve. 1,456,946; May 29.
Storm, Adolph, assignor to Storm Manufacturing Company, Minneapolis, Minn. Cylinder-finishing tool. 1,474,649; Nov. 20.
Storm Manufacturing Company. (See Storm, Adolph, assignor.)
Storms, Claude V., Cumberland, Md. Radiator support. 1,447,695; Mar. 6.
Storms, John P., Enid, Okla. Door. 1,469,542; Oct. 2.
Storr, Bert E., Bayview, Wash. Combined rake and rock remover. 1,474,650; Nov. 20.
Stortz, John H., Philadelphia, Pa. Counting and registering device for box-wrapping and similar machines. 1,452,713; Apr. 24.
Story, John H., Merchantville, N. J. Timer. 1,458,252; June 12.
Story, Ralph F., assignor of one-half to A. S. Horlacher, Indianapolis, Ind. Illuminated number plate, rear lamp, and signal apparatus. 1,477,294; Dec. 11.
Storz, Charles R., Brooklyn, N. Y. Scissors. 1,469,283; Oct. 2.
Storz, Leon A., Worcester, Mass. Casting machine. 1,469,282; Oct. 2.
Stosik, Boleslaw, Denver, Colo. Internal-combustion engine. 1,461,948; July 17.
Stott, Alexander W., Brooklyn, N. Y., assignor to The Hills Brothers Company, Inc. Method of and apparatus for separating dates. 1,464,511; Aug. 14.
Stouffer, Markey W., Washington, D. C. Nonskid appliance. 1,446,074; Feb. 20.
Stouffer, Ralph E., assignor to Yellow Cab Company, Chicago, Ill. Lamp lock. 1,459,562; June 19.
Stough, Turney H., assignor to Jeannette Toy & Novelty Co., Jeannette, Pa. Ice-cream freezer. 1,473,588; Nov. 6.
Stough, William P., Sherwood, Mich. Hitch and clutch release device for tractors. 1,457,046; May 29.
Stoughton, Harry R., Plymouth, Ind. Swivel joint for speedometers. 1,473,886; Nov. 13.
Stout, Edward D., New Rochelle, assignor to Wm. H. Jackson Company, New York, N. Y. Heater. 1,463,730; July 31.
Stout, Ellsworth F., Richmond Hill, N. Y. Heater. 1,445,727; Feb. 20.
Stout, George W., Merchantville, N. J. Cable end and housing and assembling the same. 1,461,466; July 10.
Stout, Harry H., Douglas, Ariz., assignor of 55 per cent to Phelps Dodge Corporation. Copper-matting furnace and consuming fuel therein. 1,445,980; Feb. 20.
Stout, Hiram, Newton, Kans. Safety bank counter. 1,458,202; June 12.
Stout, James E., Hanover, Pa. Automatic phonograph. 1,449,252; Mar. 20.
Stout, Oscar M., Brooklyn, N. Y. Chocolate-blending machine. 1,440,941; Jan. 2.
Stout, William B., assignor to Packard Motor Car Company, Detroit, Mich. Airplane. 1,443,100; Jan. 23.
Stout, William B., assignor to Packard Motor Car Company, Detroit, Mich. Airplane. 1,464,670; Aug. 14.
Stovall, James R., Louisville, Ky. Dump-car structure. 1,465,375; Aug. 21.
Stovel Signal Engineering Company, The. (See Stover, Paul A., assignor.)
Stover, Clinton W., Canton, Ohio. Forging insulator caps. 1,463,601; July 31.
Stover, Harmon E. (See Sykes, J. P., and Stover.)
Stover, Jordan H. (See Brown, H. E., and Stover.)
Stover Manufacturing & Engine Co. (See Erskine, John S., assignor.)
Stover, Paul A., assignor to The Stover Signal Engineering Company, Racine, Wis. Automobile signal. Des. 63,442; Dec. 4.
Stover, Samuel A. (See Slusser, J. E., and Stover.)
Stowe, Loyd R., Maplewood, Mo. Automatic stoker. 1,463,300; July 31.
Stowe, Loyd R., Maplewood, Mo. Stoker. 1,463,301; July 31.
Stowe, William A., New York, N. Y. Direction indicator and stop light. Des. 63,443; Dec. 4.
Stowell, Byron F., assignor to Metal Saw and Machine Co., Inc., Springfield, Mass. Band-cutter cutting machine. 1,453,609; May 1.
Stowell, Byron F., and H. L. Washburn, assignors to Metal Saw and Machine Company, Inc., Springfield, Mass. Guide device for band cutters. 1,478,774; Dec. 25.
Stowell, Harold T. (See Rogers, D. G., and Stowell.)
Stowell, Isaac M., David City, Nebr. Finger-guiding attachment for typewriter keyboards. 1,440,942; Jan. 2.
Strachan, George I. and J. L., Muir, Mich. Shingle. 1,469,543; Oct. 2.
Strachan, J. Lee. (See Strachan, George I. and J. L.)
Strachan, James F., et al. (See Chidlow, David, assignor.)
Strachan, William S., et al. (See Chidlow, David, assignor.)
Strachota, Clarence A., Minneapolis, Minn., assignor to Liptak Fire-Brick Arch Company. Furnace arch. 1,472,945; Nov. 6.
Strack, Herman. (See Hansmann, P., and Strack.)
Straehle, Frederick W., Cleveland, Ohio. Reamer. 1,465,029; Aug. 14.
Strahan, George V., Newark, N. J. and F. W. Mathieu, assignors to Mitchell Vance Co., Inc., New York, N. Y. Ornamental ring for lighting fixtures. Des. 61,937; Feb. 13.
Strahan, George V., Newark, N. J., and F. W. Mathieu, assignors to Mitchell Vance Co., Inc., New York, N. Y. Ornamental ring for lighting fixtures. Des. 61,938; Feb. 13.
Straight, Halver R., Adel, Iowa. Treating oil-bearing shale. 1,441,542; Jan. 9.
Straight, Halver R., Adel, Iowa. Granulator blade. 1,441,609; Jan. 9.
Straight, Halver R., Adel, Iowa. Grain elevator. 1,450,461; Apr. 3.
Straight, Halver R., Adel, Iowa. Building construction. 1,470,298; Oct. 9.
Straight, Merton T., Adel, Iowa. Truck for handling hollow blocks and tile. 1,457,639; June 5.
Strain, Robert L., Clifton, Colo. Spraying device. 1,465,377; Aug. 21.
Straining, Harry L., Knoxville, Tenn. Rail joint. 1,448,605; Mar. 13.
Straiton, David, assignor to The Miller Rubber Company, Akron, Ohio. Doll. Des. 62,749; July 24.
Straiton, David, assignor to The Miller Rubber Company, Akron, Ohio. Doll. Des. 63,594; Dec. 18.
Straley, Thomas H., assignor to Standard Elevator Interlock Company, Philadelphia, Pa. Interlock mechanism for elevators. 1,468,981; Sept. 25.
Stramberg-Carlson Telephone Manufacturing Company, The. (See Powell, Winifred T., assignor.)
Stranahan, James F., assignor of one-half to J. F. Mora, Pittsburg, Calif. Resilient tire rim. 1,465,376; Aug. 21.
Strand, Andrew, Minneapolis, Minn. Vise. 1,442,633; Jan. 16.
Strandell, Knut R., Syracuse, N. Y. Pressure gauge. 1,461,200; July 10.
Stranders, Julien, London, England, assignor to H. B. Kruger, New York, N. Y. Display device. 1,473,390; Nov. 6.
Strandlund, Carl G., assignor to Deere and Company, Moline, Ill. Wheeled plow. 1,463,378; July 31.
Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Wheeled plow. 1,463,379; July 31.
Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Clamp for cultivator-tool shanks. 1,476,551; Dec. 4.

Alphabetical list of patentees—Continued.

Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Lister plow. 1,476,736; Dec. 11.
Strane, Archibald J., St. Paul, Minn., assignor to Atlas Powder Company, Wilmington, Del. Propulsive blasting explosive. 1,455,309; May 15.
Strange, Edwin B., Riverdale-on-the-Hudson, N. Y., assignor to J. H. Dunning Corporation. Box fastener. 1,469,196; Sept. 25.
Strange, Jesse W., Blanchard, Idaho. Developing apparatus for photographic plates. 1,442,416; Jan. 16.
Stransky, John A. (See Weeks, Elling O., assignor.)
Stransky, Leo G., Pukwana, S. Dak. Vaporizing attachment. 1,468,524; Sept. 18.
Stransky, Leo G., Pukwana, S. Dak. Combined pressure cap and gauge device. 1,470,509; Oct. 9.
Stransky, Leo G., Pukwana, S. Dak. Vacuum feed tank for automobiles. 1,474,450; Nov. 20.
Strasburger, Lee L., and G. W. Goode, Atlanta, Ga. Bottle-filling machine. 1,449,019; Mar. 20.
Strattman, Edwin A., Bogalusa, La. Jordan-plug filling. 1,467,207; Sept. 4.
Stratton, Edmond F., Newark, N. J. Camera. 1,468,088; Sept. 18.
Stratton, Harry F., Cleveland Heights, assignor to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Compensator for induction motors. 1,460,926; July 3.
Stratton, Wilbert E., et al. (See Bullock, Charles A. H., assignor.)
Straub, Fritz, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of chromed dyestuffs. 1,440,566; Jan. 2.
Straub, John, Ashley, N. Dak. Cuspidor. 1,469,704; Oct. 2.
Straub, Oscar I., Buffalo, N. Y., and F. G. Wahl, Detroit, Mich.; said Wahl assignor to said Straub. Vapor burner. 1,463,101; July 24.
Straub, Walter F. (See Zell, C. A., and Straub.)
Straube, John F., Omaha, Nebr. Antiskid chain for automobiles. 1,455,233; May 15.
Straube Piano Company. (See Betz, William G., assignor.)
Straubel, Frederick L. G., Green Bay, Wis. Filing tray. 1,477,783; Dec. 18.
Straubel, Louis A., Green Bay, Wis. Paper-cutting machine. 1,452,227; Apr. 17.
Straubel, Louis A., Green Bay, Wis. Machine for pressing and labeling interfolded sheets of paper. 1,452,988; Apr. 24.
Straubel, Louis A., assignor to Straubel Machine Company, Green Bay, Wis. Rewinding machine. 1,452,228; Apr. 17.
Straubel Machine Company. (See Straubel, Louis A., assignor.)
Strausbaugh, Charles F., Detroit, Mich. Mold forms in pairs of combinative assembled forms for the making of artificial-stone furniture, etc. 1,456,947; May 29.
Strausbaugh, Clive K. and W. McIntyre, Sharon, Pa. Lamp support. 1,442,189; Jan. 16.
Strause Gas Iron Co. (See Spahr, Otto, assignor.)
Strauss, Anna. (See Strauss, Leon and A.)
Strauss, Ernest H., Chicago, Ill. Lamp shade. 1,472,502; Oct. 30.
Strauss, Ernest H., Chicago, Ill. Lamp shade. 1,476,190; Dec. 4.
Strauss, Ferdinand, New York, N. Y. Toy. Des. 61,880; Feb. 6.
Strauss, Ferdinand, New York, N. Y. Toy. Des. 63,378; Nov. 27.
Strauss, Ferdinand, New York, N. Y. Toy. Des. 63,509; Dec. 11.
Strauss, Ferdinand, New York, N. Y. Producing ornamental surfaces. 1,468,525; Sept. 18.
Strauss, Ferdinand, New York, N. Y. Fastening device. 1,473,942; Nov. 13.
Strauss, Ferdinand, New York, and F. L. Schley, Brooklyn, N. Y., assignors, by mesne assignments, to said Strauss. Display device. 1,475,726; Nov. 27.
Strauss, Henry, Chemnitz, Germany. Ink blotter. 1,447,576; Mar. 6.
Strauss, Isaac G., Milwaukee, Wis. Knitted cap. 1,445,981; Feb. 20.
Strauss, Isaac G., Milwaukee, Wis. Knit cap. Des. 62,863; Aug. 7.
Strauss, Joseph B., Chicago, Ill. Lubricating device. 1,443,101; Jan. 23.
Strauss, Joseph B., Chicago, Ill. Long-span bridge. 1,453,084; Apr. 24.
Strauss, Joseph B., Chicago, Ill. Building construction. 1,478,492; Dec. 25.
Strauss, Leon and A., Annapolis, Md. Child's sweater suit. Des. 61,922; Feb. 6.
Strauss, Louis, Brooklyn, N. Y. Sweater. Des. 62,225; Apr. 17.
Strauss, Louis, Brooklyn, N. Y. Sweater. Des. 62,354; May 15.
Strauss, Louis, Brooklyn, N. Y. Sweater. Des. 62,438; May 29.
Strauss, Norbert F., assignor to Milwaukee Manufacturing Co., Milwaukee, Wis. Heating element. 1,452,989; Apr. 24.
Strauss, Phillip R. (See Kugel, J., and Strauss.)
Straw, Arteemes D. (See Myers, H. A., and Straw.)
Straw, Arteemes D., Wauseon, assignor to The Hubert A. Myers Company, Toledo, Ohio. Coating molds. 1,474,009; Nov. 13.
Strawmyer, William A., and V. Beaman, Atlanta, Ga. Device to control the temperature of storage batteries in automobiles. 1,457,863; June 5.
Strawn, Ervin E., Des Moines, Iowa. Brake and tension device. 1,469,284; Oct. 2.
Strawn, Theodore, De Land, Fla. Drying fruit. 1,447,493; Mar. 6.
Strawn, Theodore, De Land, Fla. Fruit-drying apparatus. 1,447,494; Mar. 6.
Strawser, George A., Liverpool, assignor of one-half to D. W. Goodling, Richfield, Pa. Attachment for spark plugs. 1,468,929; Sept. 25.
Strealy, Harry A. (See Beard, H. L., and Strealy.)
Streda, Anton, Oreland, Calif. Stove. 1,445,459; Feb. 13.
Streeper, William H. (See Nitsch, C. H., Weightman, and Streeper.)
Street, Beaumont T., Springfield, Mo. Heating device. 1,449,133; Mar. 20.
Street, Claude E., assignor to Florida Grapefruit Canning Company, Inc., Bradentown, Fla. Crusher. 1,474,801; Nov. 20.
Street, Fred, Philadelphia, Pa. Gas-lighting device. 1,449,203; Mar. 20.
Street, John A., and E. F. Wantland, Los Angeles, Calif. Doll. 1,445,368; Feb. 13.
Street, Wade L., assignor to The T. A. Snider Preserve Company, Chicago, Ill. Automatic can-opening machine. 1,469,398; Oct. 2.
Streib, John F., Avalon, assignor to Pressed Steel Car Company, Pittsburgh, Pa. Door-operating mechanism. 1,455,310; May 15.
Streib, John F., Avalon, assignor to Pressed Steel Car Company, Pittsburgh, Pa. Brake. 1,455,311; May 15.
Streib, John F., Avalon, assignor to Pressed Steel Car Company, Pittsburgh, Pa. Brake supporting and releasing mechanism. 1,475,658; Nov. 27.
Streich, Frank, assignor to Union Machinery Company, Joliet, Ill. Wrapper and sealer for bread, cartons, boxes, and the like. 1,472,096; Oct. 30.
Streicher, Albert, New York, N. Y. Shell-timing device. 1,476,552; Dec. 4.
Strenger, Ernest R. (See Hiller, J. J., and Strenger.)
Stresau, Richard. (See Smith, R. S., and Stresau.)
Streun, John A., assignor to Hardwicke-Etter Company, Sherman, Tex. Cleaner attachment for cotton-gin feeders. 1,473,059; Nov. 6.
Strich, Harold J., Brooklyn, assignor to L. D. Bloch & Co., New York, N. Y. Electric-lighting fixture. 1,458,157; June 12.
Stricker, William, Kansas City, Mo. Automatic food molding and wrapping machine. 1,463,636; July 31.
Stricker, William, Kansas City, Mo. Inhaler. 1,476,124; Oct. 9.
Strickland, Allan J., Valdosta, Ga. Insect destroyer. 1,476,655; Dec. 4.
Strickland, Charles V., assignor to R. J. Reynolds Tobacco Company, Winston-Salem, N. C. Plntle-inserting machine. 1,453,085; Apr. 24.
Strickland, Erve C., San Jose, Calif. Electric heater. 1,462,392; July 17.
Strickland, Orlando B., assignor of one-half to A. N. Lyberger, Elyria, Ohio. Rocking chair. Des. 63,045; Sept. 18.
Strickler, Walter B. (See Keckler, C. W., and Strickler.)
Strickler, Walter B., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,448,576; Mar. 13.
Strieffler, Frank. (See Toth, L., Konyves, and Strieffler.)
Strieker, Harry C., Cincinnati, Ohio. Photographic-film holder. 1,457,864; June 5.
Strietelmeier, John E., Cincinnati, Ohio. Ticket holder. 1,451,279; Apr. 10.
Strifler, Chester E., Alhambra, Calif., assignor of one-half to S. Q. Shannon, Los Angeles, Calif. Tire-holding device. 1,473,943; Nov. 13.
Striganz, Jakob, Milwaukee, Wis. Bumper. 1,469,122; Sept. 25.
Strine, Dolph L., Winterhaven, Fla. Adjustable plunger. 1,449,791; Mar. 27.
Stringe, Alfred H., assignor to Commercial Furniture Company, Chicago, Ill. Desk. Des. 62,623; July 3.
Stringe, Alfred H., assignor to Commercial Furniture Company, Chicago, Ill. Desk. Des. 62,624; July 3.
Stringer, Melvin, assignor of one-fourth to G. T. Bander and one-fourth to A. E. Merkel, Cleveland, Ohio. Braking system for automotive vehicles. 1,465,066; Aug. 14.
Stringfield, George S., Columbus, Ohio. Means for shaping rubber articles. 1,472,256; Oct. 30.
Stripe, William C., Upper Darby, Pa. Suspended furnace roof. 1,448,879; Mar. 20.
Strippy, Norman. (See Foster, Charles A., assignor.)
Strite, Charles P., Minneapolis, Minn. Bread toaster. 1,440,643; Jan. 2.
Strite, George T., assignor of one-third to F. H. Bierman and one-third to H. J. Bierman, Minneapolis, Minn. Shock-absorbing spring. 1,445,418; Feb. 13.
Strizzi, Giovanni, New Castle, Pa. Crushing and separating machine. 1,469,460; Oct. 2.

Strnad, Louis G., Chicago, Ill. Curtain-rod bracket. 1,454,605; May 8.
Strobach, Fred, Austin, Minn. Noxious-weed eradicator and soil pulverizer. 1,478,305; Dec. 18.
Strobel, Roy E., San Luis Obispo, Calif. Fuel cleaner. 1,461,687; July 10.
Strock, Morris S., Washington, D. C. Unidirectional receiving system. 1,449,253; Mar. 20.
Stroh, Henry N., assignor of one-half to J. D. Callery and one-half to S. A. Pickering, Pittsburgh, Pa. Phonograph. 1,465,880; Aug. 21.
Stroh, John H., Anchor, Ill. Clutch-pedal operator for tractors. 1,475,727; Nov. 27.
Stroh, William Y., and G. W. Klages, Pittsburgh, Pa. Hammering apparatus. 1,463,180; July 31.
Strohacker, Louis, assignor to Structo Manufacturing Company, Freeport, Ill. Loom. 1,445,419; Feb. 13.
Strohacker, Louis, assignor to Structo Manufacturing Company, Freeport, Ill. Loom reed. 1,453,533; May 1.
Strohbach, Henry, New York, N. Y. Coffee urn. 1,474,858; Nov. 20.
Strohmeier, Frederick E., Ashland, Pa. Ornamental hand-woven fabric and making the same. 1,475,659; Nov. 27.
Strole, William C., Detroit, Mich. Alarm attachment for printing presses. 1,478,775; Dec. 25.
Strom, Clifton O., assignor to Nelson Bros. & Strom Sales Co., Racine, Wis. Machine for casing in books. 1,454,299; May 8.
Strom, Eric O., Hilton, N. J. Wrapping machine. 1,466,633; Aug. 28.
Stromberg-Carlson Telephone Manufacturing Company. (See Beyland, Sidney A., assignor.)
Stromberg-Carlson Telephone Manufacturing Company, The. (See Manson, Ray H., assignor.)
Stromberg-Carlson Telephone Manufacturing Company. (See Paca, William S., assignor.)
Stromberg-Carlson Telephone Manufacturing Company. (See Powell, Winfred T., assignor.)
Stromberg-Carlson Telephone Manufacturing Company. (See Slough, Frank M., assignor.)
Stromberg-Carlson Telephone Manufacturing Company, The. (See Taggart, John A., assignor.)
Stromberg, Jean E., San Diego, Calif. Photographic film or print developing apparatus. 1,440,644; Jan. 2.
Stromberg Motor Devices Company. (See Adams, Frank H., assignor.)
Stromberg Motor Devices Company. (See Cole, Don, assignor.)
Stromberg Motor Devices Company. (See Cole, D., and Gustafson, assignors.)
Stromberg Motor Devices Company. (See Edwards, Francis E., assignor.)
Stromberg Motor Devices Company. (See O'Neill, William L., assignor.)
Stromberg Motor Devices Company. (See Maegly, George B., assignor.)
Stromberg Motor Devices Company. (See Mock, Frank C., assignor.)
Stromborg, Oscar, Los Angeles, Calif. Positive-flow fountain pen. 1,447,495; Mar. 6.
Stromee, Karl O., San Bernardino, Calif. Game apparatus. 1,450,874; Apr. 3.
Stronach, Harry S., Oak Park, and R. C. Rowan, Wheaton, Ill. Wire nail. 1,466,676; Sept. 4.
Strong, Andrew M. (See Adams, Gus, assignor.)
Strong, Arthur P. (See Poppenhusen, H. A., and Strong.)
Strong, Arthur P., Chicago, Ill., assignor to Green Engineering Company, East Chicago, Ind. Ash hopper. 1,456,654; May 29.
Strong, Arthur P., Chicago, Ill., assignor to Green Engineering Company, East Chicago, Ind. Ash tank. 1,465,745; Aug. 21.
Strong, Benjamin H., West Point, Miss. Crawfish destroyer. 1,457,321; June 5.
Strong, Ernest G., Canton, Ohio, assignor to The Timken Roller Bearing Company. Tool holder. 1,464,344; Aug. 7.
Strong, Ernest G., assignor to The Timken Roller Bearing Company, Canton, Ohio. Indicating gauge. 1,467,341; Sept. 11.
Strong, Ernest G., assignor to Timken Roller Bearing Company, Canton, Ohio. Plug gauge. 1,469,343; Oct. 2.
Strong, George C., Norfolk, Va. Automobile safety passing light. 1,443,290; Jan. 23.
Strong, Grace R., Stapleton, Staten Island, N. Y. Game. 1,448,819; Mar. 20.
Strong, Homer. (See Baumer, John C., assignor.)
Strong, James B., Hillburn, N. Y., assignor to Ramapo Ajax Corporation, New York, N. Y. Switch rod for slip switches. 1,459,001; June 19.
Strong, Lola, Long Beach, Calif. Automatic traffic signal. 1,466,809; Sept. 4.
Strong, Philip, Oatman, Ariz. Trap. 1,465,378; Aug. 21.
Strong, William J. H., Chicago, Ill., assignor to E. F. Wilson, trustee. Projectile. 1,448,166; Mar. 13.
Strong, William M., San Francisco, Calif. Oil-shale retort. 1,462,023; July 17.
Strong, William W., Mechanicsburg, Pa., assignor to Research Corporation, New York, N. Y. Positioned electrode. 1,456,044; May 22.
Stronghart Company. (See Kusel, Harry J., assignor.)
Stronghart Company. (See Kusel, Isidor J., assignor.)
Stronghart Company. (See Russell, Eli A., assignor.)
Stroock, Bertram A., Newburgh, N. Y. Printed tapestry. 1,474,182; Nov. 13.
Stroock, S., & Company. (See Kozlay, Clarence V., assignor.)
Strosacker, Charles J., assignor to The Dow Chemical Company, Midland, Mich. Making phenyl glycine. 1,442,743; Jan. 16.
Strosacker, Charles J., and C. C. Schwegler, assignors to The Dow Chemical Company, Midland, Mich. Purifying acetic anhydride. 1,467,074; Sept. 4.
Strosacker, Charles J., and H. J. Rupright, assignors to The Dow Chemical Company, Midland, Mich. Making brominated indigos. 1,473,887; Nov. 13.
Strossenreuter, Karl, Brooklyn, N. Y., assignor to R. Hunter, Atlanta, Ga. Cuff button. 1,442,190; Jan. 16.
Strothotte, August, St. Louis, Mo. Cycle car. 1,466,201; Aug. 28.
Strott, Frank H. (See Landis, John R., assignor.)
Stroud, Arthur E., Long Eaton, England. Twist-lace machine. 1,449,921; Mar. 27.
Stroud, Chester H., deceased, Hubbell, assignor of one-half to N. M. Gillies, Lake Linden, Mich.; M. Yauch, administrator. Self-contained blow-off valve. 1,461,835; July 17.
Stroud and Company. (See Bonney, Bick R., assignor.)
Stroud, Edmund H., Chicago, Ill. Dust collecting and separating system and apparatus. 1,454,492; May 8.
Stroud, John B., Pass Christian, Miss. Demountable-rim tool. 1,472,777; Oct. 30.
Stroud, Lamont H., Sheridan, Wyo. Anchor for grease cups or plugs. 1,474,300; Nov. 13.
Stroud, William. (See Barr, A., and Stroud.)
Strout, Calvin E., Portland, Me. Cable chair. 1,452,664; Apr. 24.
Strout, Elmer J., Utica, Ill. Plug holder. 1,457,234; May 29.
Strout, Myron B., Poland, Me. Movable headlight. 1,458,084; June 5.
Strout, Ralph C., Wollaston, assignor to Pneumatic Scale Corporation, Limited, Norfolk Downs, Mass. Package-conveying mechanism. 1,476,737; Dec. 11.
Strowbridge, William C., Hartford City, assignor of one-half to L. E. Werry, Hartford, Ind. Gasoline filter. 1,460,867; July 3.
Strowd, John S., et al. (See Pearce, Charles E., assignor.)
Strube, Wilhelm. (See Wagner, H., and Strube.)
Struble, Charles B., Minneapolis, Minn. Photographic-printing device. 1,466,768; Sept. 4.
Struble, Jacob B. (See Page, S. H., and Struble.)
Struchen, Henry C., St. Paul, Minn. Hoist for vehicle bodies. 1,459,935; June 26.
Struchen, Henry C., St. Paul, Minn. Hoist for vehicle bodies. 1,463,637; July 31.
Structo Manufacturing Company. (See Strohacker, Louis, assignor.)
Structural Gypsum Corporation. (See Pritchard, John A., assignor.)
Struelens, Joseph. (See Moerloose, Germaine, assignor.)
Strupe, Cecil H., assignor to Leedy Manufacturing Company, Indianapolis, Ind. Bass drum and cymbal beater. 1,445,650; Feb. 20.
Strupe, Cecil H., assignor to Leedy Manufacturing Company, Indianapolis, Ind. Tympano. 1,469,197; Sept. 25.
Strutz, Louis P., Corning, N. Y. Tire valve. 1,452,324; Apr. 17.
Struve, Felix L. (See Williams, J. D., Bolton, and Struve.)
Stryker, George B., jr., Memphis, Tenn. Aseptic tank. 1,463,102; July 24.
Strzelczyk, Samuel A., Milwaukee, Wis. Household grinding wheels. 1,448,422; Mar. 13.
Strzelczyk, Samuel A., Milwaukee, Wis. Milk-bottle-cap remover. 1,466,517; Aug. 28.
Stuan, Richard P., Lincoln, Ill. Trip for grain binders. 1,470,299; Oct. 9.
Stuart, Alexander A. S., New Orleans, La. Toothbrush. 1,468,888; Sept. 25.
Stuart, Andrew W., and J. W. O'Connor, Detroit, Mich. Child's vehicle. 1,472,375; Oct. 30.
Stuart, Bert, Seattle, Wash. Mattress. 1,462,668; July 24.
Stuart, Charles A., assignor to Simmons Company, Kenosha, Wis. Bedstead frame. Des. 62,806; July 31.
Stuart, Charles A., assignor to Simmons Company, Kenosha, Wis. Bedstead frame. Des. 62,807; July 31.
Stuart, David, Berlin, N. H. Bedplate for beater engines. 1,471,218; Oct. 16.
Stuart, Francis B. (See Rivers, C. A., and Stuart.)
Stuart, Francis B., and C. A. Rivers, deceased, El Paso, Tex.; A. M. Rivers, administratrix. Dehydrating gypsum. 1,463,913; Aug. 7.
Stuart, Fredrick G., Washington, D. C. Attachment for rotary clipper machines. 1,452,624; Apr. 24.
Stuart, George J., Pittsburgh, Pa. Compound regulating valve. 1,469,854; Oct. 9.
Stuart, Kimberly, Neenah, Wis. Indicator for beating engine rolls and the like. 1,446,357; Feb. 20.
Stuart, Milton C. (See Dyson, C. W., and Stuart.)

Stuart, Ralph, Buffalo, assignor to The Palm Brothers Company, New York, N. Y. Plate or similar article. Des. 62,750; July 24.
Stuart, Robert, Philadelphia, Pa. Window fastener and antirattler. 1,461,467; July 10.
Stuart, Thomas E., Council Bluffs, Iowa, assignor of one-half to B. A. Simon, Omaha, Nebr. Exhaust nozzle. 1,445,049; Feb. 13.
Stubblebine, Raymond F., assignor to American Motor Body Company, Philadelphia, Pa. Car seat. 1,440,899; Jan. 2.
Stubblefield, Bernard B., New York, N. Y. Means for retaining drafting instruments. 1,445,460; Feb. 13.
Stubblefield, Joseph W., Los Angeles, Calif. Floor-surfacing machine. 1,469,028; Sept. 25.
Stubbs, Everard, and E. R. Fellows, assignors to The Fellows Gear Shaper Company, Springfield, Vt. Skew helical crown gearing. 1,461,230; July 10.
Stubbs, Robert C., Dallas, Tex. Method of transporting plastic material or concrete for paving and other purposes. 1,450,760; Apr. 3.
Stubbs, Robert C., Dallas, Tex. Paving and process of paving streets and the like. 1,463,979; Aug. 7.
Stubbs, Walter, Mascot, New South Wales, Australia. Electric heating appliance of the immersed-element type. 1,464,782; Aug. 14.
Stubbs, William P., Leek, England. Collapsible stand. 1,457,640; June 5.
Stubbs, William P., Leek, England. Collapsible carton. 1,457,641; June 5.
Stuber, Adolph, Rochester, N. Y. Fluid measuring and indicating mechanism. Re15,651; July 10.
Stuber, Adolph, Rochester, N. Y. Registering mechanism. 1,478,010; Dec. 18.
Stuber & Kuck Co. (See Schnebelin, Charles F., assignor.)
Stubfors, Arenth A., Spooner, Wis. Spraying device. 1,454,824; May 8.
Stuchlik, John M., Roundup, Mont., assignor of one-half to United States Gate Lock and Tool Company, Milwaukee, Wis. Gate lock. 1,440,420; Jan. 2.
Stuchlik, John M., Roundup, Mont., assignor of one-half to F. Kojis and one-half to V. Budjac, Milwaukee, Wis. Calipers. 1,445,050; Feb. 13.
Stuck, William R., assignor to Dazey Manufacturing Company, Los Angeles, Calif. Flower-bowl stand. Des. 63,046; Sept. 18.
Stuck, William R., assignor, by mesne assignments, to The Dazey Manufacturing Company, Los Angeles, Calif. Flower holder. 1,462,947; July 24.
Stuck, William R., assignor, by mesne assignments, to The Dazey Manufacturing Company, Los Angeles, Calif. Flower holder. 1,476,553; Dec. 4.
Stückelberger, Théodore, Montmirail, Switzerland. Electric candle. 1,474,451; Nov. 20.
Stucki, A., Company. (See Severn, Arthur B., assignor.)
Stucki, Arnold, Pittsburgh, Pa. Roller side bearing. 1,463,602; July 31.
Stucki, Arnold, Pittsburgh, Pa. Roller side bearing. 1,464,275; Aug. 7.
Stucki, Arnold, Pittsburgh, Pa. Roller side bearing. 1,477,195; Dec. 11.
Stucki, Arnold, Pittsburgh, Pa. Roller side bearing. 1,477,196; Dec. 11.
Studebaker Corporation. (See Bourgon, Joseph H., assignor.)
Studebaker Corporation. (See Herrmann, Karl L., assignor.)
Studebaker Corporation. (See Link, Vincent, assignor.)
Studebaker Corporation, The. (See Baus, Richard E., assignor.)
Studebaker Corporation, The. (See Stoddard, Edgar R., assignor.)
Studebaker, George M. (See Charlton, Thomas, assignor.)
Studebaker, John W. (See Woolman, Roy C., assignor.)
Studer, Heinrich, assignor to B. Stäheli and L. Levaillant, Zurich, Switzerland. Electric pocket lamp. 1,468,408; Sept. 18.
Study, William A., Richmond, Ind. Milling machine. 1,451,188; Apr. 10.
Stueber, Conrad L., Aurora, Ill. Convertible power drill. 1,448,507; Mar. 13.
Stuebing, William, jr., Cincinnati, Ohio. Lifting truck. 1,461,688; July 10.
Stuebner, Henry, Philadelphia, Pa. Method and mechanism for continuously producing and setting rivets. 1,456,079; May 22.
Stuemke, Henry G., Good Thunder, Minn. Egg case. 1,461,587; July 10.
Stuerzer, Otto F., Milwaukee, Wis. Deodorizer. 1,476,930; Dec. 11.
Stuetzel, Adolph, and H. W. Bohn, Boston, Mass.; said Stuetzel assignor to said Bohn. Trinket or similar article. Des. 62,427; May 22.
Stuffebeam, Marion, St. David, Ill. Method and means for handling cars in mines. 1,472,696; Oct. 30.
Stuht, A. E., et al. (See Forsman, Andrew, assignor.)
Stukart, Hendrick. (See Luschka, A. R., and Stukart.)
Stukart, Hendrik, assignor to U. S. Slicing Machine Company, Laporte, Ind. Slice conveyer for slicing machine. 1,469,055; Sept. 25.
Stull, David L., Birmingham, Ala. Cone-baking machine. 1,461,836; July 17.
Stull, David L., Birmingham, Ala., assignor to J. B. Pool. Ice-cream-cone-baking machine. 1,446,136; Feb. 20.
Stull, Jesse B., Halfway, Wyo. Tool. 1,443,393; Jan. 30.
Stull, John S., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Metal-spinning machine. 1,448,577; Mar. 13.
Stull, Roy H. assignor of three-tenths to N. Suhrie, Sunbury, Pa. Oiling device. 1,454,696; May 8.
Stultz, George, Bloomfield, N. J. Closing device for envelopes. 1,440,506; Jan. 2.
Stump, Ira E., assignor of one-half to O. C. Billman, Cleveland, Ohio. Ball cock. 1,477,393; Dec. 11.
Stump, Lloyd M. (See Jones, Thomas E., assignor.)
Stumpenhorst, John A., Wilkinsburg, Pa., assignor to Duplex Transmission Company. Motor-vehicle transmission mechanism. 1,451,851; Apr. 17.
Stumpf Una-Flow Engine Company. (See Turnwald, Wolfgang, assignor.)
Stumph, Wynn W., Tulsa, Okla. Hair curler. 1,450,523; Apr. 3.
Stupp, Charles G. (See Downs, C. R., and Stupp.)
Sturcke, Herman E., Brooklyn, assignor to General Carbonic Company, New York, N. Y. Producing carbon dioxide. 1,465,954; Aug. 28.
Sturcke, Herman E., Brooklyn, assignor to General Carbonic Company, New York, N. Y. Apparatus for treating liquids. 1,465,955; Aug. 28.
Sturdevant, Ceylon, Castle Rock, assignor to G. Robinson, Larkspur, Colo. Chain fastener. 1,453,205; Apr. 24.
Sturdivant, Armydis E. (See White, S. O., and Sturdivant.)
Sturdy's, J. F., Sons Co. (See Eklund, Axel G., assignor.)
Sturdy's, J. F., Sons Co. (See Nelson, Nels T., assignor.)
Sturdy's, J. F., Sons Company. (See Lohrmann, Ernst H., assignor.)
Sturgeon, Harold M. (See Gill, David R., assignor.)
Sturgeon, Robert C. (See Seager, Elmer F., assignor.)
Sturges, Lee, Chicago, Ill., assignor to Solar-Sturges Manufacturing Company. Ice-cream container. 1,443,053; Jan. 23.
Sturges, Lee, Chicago, Il., assignor to Solar-Sturges Manufacturing Co. Combination agitator and sampler. 1,454,300; May 8.
Sturgis, Charles E., assignor to Eastman Kodak Company, Rochester, N. Y. Flexible-cable release and assembling same. 1,454,192; May 8.
Sturgis, Charles H., Granville, Ill. Strainer. 1,471,293; Oct. 16.
Sturgis, Herbert M., assignor of forty-nine one-hundredths to F. Hamilton, Kansas City, Mo. Polishing mop. 1,475,521; Nov. 27.
Sturgis, Richard C., Boston, Mass. Fire fan. Des. 62,625; July 3.
Sturgis Steel Go-Cart Company. (See Lindberg, Charles A., assignor.)
Sturgis, William B. (See Andrews, E. F., and Sturgis.)
Sturgis, William B., Joplin, Mo., assignor to General Explosives Company, Chicago, Ill. Explosive and method of producing the same. 1,463,980; Aug. 7.
Sturgis, William B., assignor to General Explosives Company, Chicago, Ill. Producing explosives. 1,473,685; Nov. 13.
Sturk, Ewald E., Portland, Me. Occupant-propelled sleigh. 1,445,110; Feb. 13.
Sturk, Ewald E., Portland, Me. Sled. 1,470,891; Oct. 16.
Sturm, James, Tampico, Ill. Nonskid device for automobile wheels. 1,468,045; Sept. 18.
Sturm, Joseph, assignor to United Alloy Steel Corporation, Canton, Ohio. Sheet-metal shelving. 1,450,191; Apr. 3.
Sturman, Robert E., Delano, Minn. Furnace grate. 1,462,393; July 17.
Sturt, Alfred T., Flint, Mich., assignor to Durant Motors Incorporated. Running-board support. 1,467,656; Sept. 11.
Sturt, Alfred T., New York, N. Y., assignor to General Motors Corporation, Detroit, Mich. Multiple spring clutch. 1,472,697; Oct. 30.
Sturt, Alfred T., Flint, Mich., assignor to Durant Motors Incorporated. Clutch and brake pedal mechanism. 1,478,407; Dec. 25.
Sturtevant, B. F., Company. (See Allen, George W., assignor.)
Sturtevant, B. F., Company. (See Bentley, Oliver D. H., assignor.)
Sturtevant, B. F., Company. (See Bergestrom, C. O., and De Clamecy, assignors.)
Sturtevant, B. F., Company. (See Ellis, Frederic R., assignor.)
Sturtevant, B. F., Company. (See Flemings, John R., assignor.)
Sturtevant, B. F., Company. (See Flemings, J. A., and Priebe, assignors.)
Sturtevant Mill Company. (See Sturtevant, Thomas J., assignor.)

Sturtevant, Thomas J., Wellesley, assignor to Sturtevant Mill Company, Boston, Mass. Separator. 1,454,140; May 8.
Sturtevant, Thomas J., Wellesley, assignor to Sturtevant Mill Company, Boston, Mass. Electrically-vibrated screen. 1,458,111; June 5.
Sturtevant, Thomas J., Wellesley, assignor to Sturtevant Mill Company, Boston, Mass. Air separator. 1,470,892; Oct. 16.
Stusser, Richard, Dentz, assignor to Farbenfabriken vorm. Friedr. Bayer and Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Azo dyestuffs. 1,457,235; May 29.
Stutika, John, West Pullman, Ill. Attachment for internal-combustion engines. 1,450,652; Apr. 3.
Stütting, Heinrich, Witten-on-the-Ruhr, Germany. Rolling mill. 1,451,060; Apr. 10.
Stutz Fire Engine Company. (See Bathrick, C. E., and Mecklenburg, assignors.)
Stutz Fire Engine Company. (See Mecklenburg, Alfred C., assignor.)
Styles, Joseph H., Long Island City, assignor to Defiance Button Machine Co., New York N. Y. Socket for snap fasteners. 1,449,706; Mar. 27.
Styles, Otto H., Toledo, Ohio. Cigarette case. 1,443,509; Jan. 30.
Styll, Harry H., Southbridge, Mass. Ophthalmic mounting. 1,461,073; July 10.
Styll, Harry H., Southbridge, Mass. Lens. 1,473,360; Nov. 6.
Suber, Larkin, and E. Mercer, East Youngstown, Ohio. Collecting main for coke ovens. 1,477,673; Dec. 18.
Subers, Lawrence A., Lakewood, Ohio. Machine for constructing a laminated cohesive interwound fabric band. 1,444,809; Feb. 13.
Subers, Lawrence A., Lakewood, Ohio. Automatically-acting coating device in the manufacture of reinforced fabric bands. 1,445,651; Feb. 20.
Subic, Anton, Big Piney, Wyo. Stop for talking machines. 1,459,640; June 19.
Subin, Benjamin, Philadelphia, Pa. Twine cutter. 1,453,206; Apr. 24.
Sublette, William M., Fresno, Calif. Gasifier. 1,450,761; Apr. 3.
Submarine Signal Company. (See Fessenden, Reginald A., assignor.)
Submarine Signal Company. (See Fessenden, R. A., Williams, and Wood, assignors.)
Submarine Signal Company. (See Hayes, Harvey C., assignor.)
Submarine Signal Company. (See Williams, Robert L., assignor.)
Suchy, Robert, Griesheim-on-the-Main, assignor to Chemische Fabrik Griesheim-Elektron, Frankfort-on-the-Main, Germany. Electrolytic production of potassium bicarbonate from potassium-chloride solution. 1,477,086; Dec. 11.
Suczek, Robert, assignor to C. H. Wheeler Manufacturing Company, Philadelphia, Pa. System of vacuum production. 1,458,737; June 12.
Suczek, Robert, assignor to C. H. Wheeler Manufacturing Company, Philadelphia, Pa. Ejector system. 1,459,936; June 26.
Suczek, Robert, assignor to C. H. Wheeler Manufacturing Company, Philadelphia, Pa. Method of and apparatus for compressing fluid. 1,460,044; June 26.
Suczek, Robert, assignor to C. H. Wheeler Manufacturing Company, Philadelphia, Pa. Method of and apparatus for compressing fluid. 1,460,045; June 26.
Suczek, Robert, assignor to C. H. Wheeler Manufacturing Company, Philadelphia, Pa. Fluid-compressing apparatus. 1,460,345; June 26.
Sudderberg, Lewis O., Stratford, Ia. Damper control. 1,461,231; July 10.
Suekert, Harold C., assignor to Automotive Supply Co., Inc., New York, N. Y. Fuel-delivery apparatus. 1,443,102; Jan. 23.
Suekert, Harold C., assignor to Automotive Supply Company, Inc., New York, N. Y. Fuel-feeding apparatus and control therefor. 1,446,022; Feb. 20.
Suekert, Harold C., assignor to Automotive Supply Company, Inc., New York, N. Y. Float-control fuel-feeding apparatus. 1,446,023; Feb. 20.
Suekoff, Samuel, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Calling device. 1,451,480; Apr. 10.
Suekoff, Samuel, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone repeater. 1,466,858; Sept. 4.
Suess, Eduard, Vienna, Austria. Water turbine. 1,476,229; Dec. 4.
Sugar Machinery Company. (See Steps, Robert A., assignor.)
Suhler, Moses M., assignor of one-half to W. J. Ashton, Dallas, Tex. Check holder. 1,440,846; Jan. 2.
Sühlsen, Hugo E. T., assignor to the Firm of Simplo Füllfeder Gesellschaft Voss, Lausen & Dziambor, Hamburg, Germany. Pencil holder. 1,447,635; Mar. 6.
Suhr, Max, West Palm Beach, Fla. Decorating roll. 1,464,512; Aug. 14.
Suhrie, Norman. (See Stull, Roy H., assignor.)
Suib, Herman J., New York, N. Y. Composition for treating fabrics. 1,441,952; Jan. 2.
Sullenger, Bynum H. (See Sherrod, Rufus M., assignor.)
Sullivan, Alan P., St. Marys, Pa., assignor to Stackpole Carbon Company. Electrical cement. 1,468,930; Sept. 25.
Sullivan, Charles H., Baltimore, Md. Knife cleaner and polisher. 1,449,457; Mar. 27.
Sullivan, David M., and G. W. Baity. Greensboro, N. C. Spinning machine. 1,467,457; Sept. 11.
Sullivan, Francis C., Braddock, Pa. Portable clothes drier. 1,470,653; Oct. 16.
Sullivan, George I., Philadelphia, Pa. Reminding device. 1,469,056; Sept. 25.
Sullivan, Herbert W., London, England. Duplex telegraphic system. 1,468,982; Sept. 25.
Sullivan, Ionia M., Kansas City, Mo. Emblematic pin. Des. 62,153; Mar. 27.
Sullivan, James J., assignor to William Brown Company, Philadelphia, Pa. Hosiery. 1,473,686; Nov. 13.
Sullivan, John F., San Francisco, Calif. Combination gas and coal range. 1,466,769; Sept. 4.
Sullivan, John M., Culver, Ind. Water-tube boiler. 1,473,712; Nov. 13.
Sullivan, John V., Fremont, Ohio. Glove. 1,456,580; May 29.
Sullivan, Joseph M., Detroit, Mich. Damper regulator. 1,449,707; Mar. 27.
Sullivan Machinery Company. (See Clapp, Lewis J., assignor.)
Sullivan Machinery Company. (See Gartin, Elmer G., assignor.)
Sullivan Machinery Company. (See Gilman, George H., assignor.)
Sullivan Machinery Company. (See Gilman, G. H., and Haines, assignors.)
Sullivan Machinery Company. (See Halleck, Frank A., assignor.)
Sullivan Machinery Company. (See Holdsworth, Fred D., assignor.)
Sullivan Machinery Company. (See Holmes, Morris P., assignor.)
Sullivan Machinery Company. (See Mercer, Henry H., assignor.)
Sullivan Machinery Company. (See Oliphant, John, assignor.)
Sullivan Machinery Company. (See Wineman, Wade H., assignor.)
Sullivan Machinery Company. (See Wyman, Charles W., assignor.)
Sullivan, Maurice P., assignor to Splitdorf Electrical Company, Newark, N. J. Spark plug. 1,477,784; Dec. 18.
Sullivan, Patrick, et al. (See Porter, C. A., and Brewster, assignors.)
Sullivan, Raymond H. (See Lee, T. L., and Sullivan.)
Sullivan, Raymond H., assignor to North East Electric Company, Rochester, N. Y. Storage-battery system. 1,469,736; Oct. 2.
Sullivan, Raymond H., assignor to North East Electric Company, Rochester, N. Y. Generator regulation. 1,475,251; Nov. 27.
Sullivan, Raymond H., assignor to North East Electric Company, Rochester, N. Y. Storage-battery system. 1,477,197; Dec. 11.
Sullivan, Vernon L., El Paso, Tex. Suspension bridge. 1,454,772; May 8.
Sullivan, William F., Kansas City, Mo. Janitor's stand. 1,440,645; Jan. 2.
Sullivan, William J., assignor to The American Equipment Company, Chicago, Ill. Brick kiln and setting and burning. 1,444,220; Feb. 6.
Sultemeyer, Charles F., Oak Park, Ill., assignor to Chicago Manufacturing and Distributing Co. Manufacture of bearing rings. 1,452,535; Apr. 24.
Sultzer, Morton, Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Multiplex selecting circuits. 1,451,746; Apr. 17.
Sultzer, Morton, Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Maximum-voltage indicator. 1,461,790; July 17.
Sulzer, Albert F., assignor to Eastman Kodak Company, Rochester, N. Y. Antistatic photographic film and film base. 1,441,185; Jan. 2.
Sulzer, Albert F., and H. E. Van Derhoef, assignors to Eastman Kodak Company, Rochester, N. Y. Apparatus for making sheets or films. 1,466,733; Sept. 4.
Suman, J. R., et al. (See Reed, Warren B., assignor.)
Sumbling Machinery Company. (See Sumbling, William H., assignor.)
Sumbling, William H., assignor to Sumbling Machinery Company, Limited, Toronto, Ontario, Canada. Ironing machine. 1,440,704; Jan. 2.
Sumer, Walter F., Miles City, Mont. Pocket comb, brush, and mirror. 1,446,595; Feb. 27.
Summer, Walter C., and W. L. Minick, jr., Waynesboro, Pa. Combined toilet fan and hair drier. 1,471,294; Oct. 16.
Summerfield, Harry, St. Paul, Minn. Adjustable anti-skidding device. 1,456,473; May 22.
Summerhays, Elmer M., Hammond, Ind., assignor to F. Schaefer, Pittsburgh, Pa. Manufacturing connecting pins. 1,462,876; July 24.
Summerill, Charles H., Penns Grove, N. J. Burglar alarm for automobiles. 1,454,795; May 8.

Alphabetical list of patentees—Continued.

Summers, Bertrand S., Port Huron, Mich. Production of paper pulp and the like. 1,451,125; Apr. 10.
Summers, Bertrand S., Port Huron, Mich. Making paper pulp. 1,457,915; June 5.
Summers, Bertrand S., Port Huron, Mich. Manufacturing flax fiber for spinning. 1,469,971; Oct. 9.
Summers, Bertrand S., Port Huron, Mich. Electrodeposition. 1,475,973; Dec. 4.
Summers, Caleb E., assignor to Master Carbureter Corporation, Detroit, Mich. Carburetor. 1,450,762; Apr. 3.
Summers, Eulah M., Birmingham, Ala. Bifurcated nether garment for children. Des. 62,751; July 24.
Summers, Harry D., Essington, Pa., assignor to Westinghouse Electric & Manufacturing Company. Bridge gauge. 1,468,761; Sept. 25.
Summers, John G., San Diego, Calif. Turbine. 1,448,097; Mar. 13.
Summers, Rufus A., Moscow, Kans. Individually-operable headlight. 1,465,192; Aug. 14.
Summers, Thomas I., Hamilton, Ontario, Canada. Combination lock. 1,475,089; Nov. 20.
Summerscales, Samuel H., Winnipeg, Manitoba, Canada. Automobile top. 1,448,981; Mar. 20.
Summit Thread Company. (See Weaver, Lucius E., assignor.)
Sumner, Charles H., Terre Haute, Ind. Truss. 1,470,654; Oct. 16.
Sumner, George W., assignor of three twenty-fifths to R. Mooberry, three twenty-fifths to T. Gray, three twenty-fifths to R. C. Panter, and three twenty-fifths to J. W. Byers, Dorchester, Nebr. Telephone attachment. 1,454,773; May 8.
Sumner, Henry, New Bedford, Mass. Umbrella identifier. 1,473,654; Nov. 13.
Sumner, Henry W., Seattle, Wash. Spray nozzle. 1,440,705; Jan. 2.
Sumner, Henry W., Seattle, Wash. Advertising device. 1,460,619; July 3.
Sumner, James W., assignor to E. Winship, San Francisco, Calif. Motor-vehicle steering apparatus. 1,467,208; Sept. 4.
Sumner, James W., Los Angeles, assignor to E. Winship, San Francisco, Calif. Power steering mechanism. 1,467,209; Sept. 4.
Sumner, Warren E., East Walpole, Mass., assignor to Bird & Son, Inc. Floor covering. 1,442,012; Jan. 9.
Sun Oil Company. (See Ballard, Albert M., assignor.)
Sun Oil Company. (See Maitland, Harold T., assignor.)
Sun Typewriter Company. (See Rowley, Edward G., assignor.)
Sundback, Gideon, Meadville, Pa., assignor to Hookless Fastener Company. Method and machine for making fasteners. 1,467,015; Sept. 4.
Sundberg, Elizabeth L., administratrix. (See Sundberg, William.)
Sundberg, Richelieu, Salt Lake City, Utah. Spark plug. 1,464,685; Aug. 14.
Sundberg, William, deceased, Chicago, Ill.; E. L. Sundberg, administratrix. Grain-door-removing device. 1,445,184; Feb. 13.
Sunde, Louis A., and R. H. Dalton, Cleveland, Ohio. Door hinge. 1,467,124; Sept. 4.
Sunder, Charles. (See Bader, M., and Sunder.)
Sunderland, Joseph, New York, N. Y. Justification attachment for typesetting machines. 1,442,368; Jan. 16.
Sunderland, Leonard E., Clearfield, Pa. Rest or creeper for automobile mechanics. 1,446,945; Feb. 27.
Sunderman Corporation. (See Sunderman, Frederick R., assignor.)
Sunderman, Frederick R., assignor to Sunderman Corporation, Newburgh, N. Y. Jack. 1,454,524; May 8.
Sunderman, Frederick R., Detroit, Mich., assignor to Sunderman Corporation, Newburgh, N. Y. Carburetor. 1,457,010; May 29.
Sunderman, Frederick R., Detroit, Mich., assignor to Sunderman Products, Inc., Newburgh, N. Y. Carburetor. 1,457,408; June 5.
Sunderman Products, Inc. (See Sunderman, Frederick R., assignor.)
Sundh, August, Yonkers, N. Y. Flexible coupling. 1,440,847; Jan. 2.
Sundh, August, Hastings-upon-Hudson, N. Y. Mill. 1,455,278; May 15.
Sundh, August, Hastings-on-Hudson, N. Y. Can. 1,466,677; Sept. 4.
Sundh, August, Hastings-on-Hudson, N. Y. Flexible tubing. 1,474,949; Nov. 20.
Sundh, August, Hastings-on-Hudson, N. Y. Flexible tubing. 1,478,185; Dec. 18.
Sundh, August, Hastings-upon-Hudson, N. Y., assignor to Otis Elevator Company, Jersey City, N. J. Interwoven flat-belt-drive apparatus. 1,475,250; Nov. 27.
Sundh, August, Hastings-upon-Hudson, N. Y., and W. Westerman, Detroit, Mich. Mill. 1,451,280; Apr. 10.
Sundh, August, Hastings-upon-Hudson, N. Y., and W. Westerman, Detroit, Mich. Indicator. 1,451,281; Apr. 10.
Sundh, August, Hastings-upon-Hudson, N. Y., and W. Westerman, Detroit, Mich. Mill. 1,454,493; May 8.
Sundh, August, Hastings-upon-Hudson, N. Y., and W. Westerman, Detroit, Mich. Indicator. 1,455,277; May 15.
Sundh Electric Company. (See Larsen, Louis, assignor.)
Sundh Engineering and Machine Company. (See John, Griffith, assignor.)
Sundhaussen, Hermann, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Long-distance control of stabilized bodies. 1,442,191; Jan. 16.
Sundhaussen, Hermann, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Suppression of gyroscopic precession. 1,465,532; Aug. 21.
Sundin, Oscar T., Providence, R. I., assignor to David H. Zell, Incorporated. Article holder. 1,461,837; July 17.
Sundstrand Engineering Company. (See Sundstrand, Gustaf D., assignor.)
Sundstrand, Gustaf D., assignor to Sundstrand Engineering Company, Rockford, Ill. Heater. 1,451,126; Apr. 10.
Sundstrand, Gustaf D., assignor to Rockford Milling Machine Company, Rockford, Ill. Adding machine. 1,455,555; May 15.
Sundstrand, Gustaf D., assignor to Rockford Milling Machine Company, Rockford, Ill. Gearing. 1,473,166; Nov. 6.
Sundstrand, Gustaf D., assignor to Rockford Tool Company, Rockford, Ill. Lathe and taper-cutting means for the same. 1,476,114; Dec. 4.
Sundstrom, Carl, and G. N. Terziev, Syracuse, assignors to The Solvay Process Company, Solvay, N. Y. Forming sodium compounds. 1,473,259; Nov. 6.
Sunnen, Joseph, St. Louis, Mo. Valve lifter. 1,452,714; Apr. 24.
Super Razors Incorporated. (See Watt, James A. D., assignor.)
Super Reflex Company. (See MacDowell, G. J., and Jones, assignor.)
Superheater Company. (See McKee, Neal T., assignor.)
Superheater Company, The. (See Barnes, John A., assignor.)
Superheater Company, The. (See Broido, Benjamin N., assignor.)
Superheater Company, The. (See Ostermann, Rudolf M., assignor.)
Superior Boiler Works. (See Walsh, Edward F., assignor.)
Superior Building Company, The. (See Oakes, Emmett L., assignor.)
Superior Gas Engine Company, The. (See Opferkuck, Emil, assignor.)
Superior Hand Embroiderer Corporation. (See Baker, Fenner B., assignor.)
Superior Manufacturing Company. (See Woock, Walter R., H. J., and E. M.)
Superior Manufacturing Company, The. (See Crouse, Harry C., assignor.)
Superior Process Refining Company. (See Gilchrist, Vincent T., assignor.)
Superior Projector, Inc. (See Doherty, John, assignor.)
Supplee, Samuel G., East Orange, N. J. Denture-attaching device. 1,465,379; Aug. 21.
Surbaugh, John S., Vincennes, Ind. Handle and blade connection. 1,445,185; Feb. 13.
Surbeck, Homer L., and J. F. Perrin, Rapid City, S. Dak. Glare shield for motor vehicles. 1,446,946; Feb. 27.
Sure-Cut Sharpener Co. (See Graser, Thomas T., assignor.)
Suren, Nathan H., Needham, assignor to The Gamewell Fire Alarm Telegraph Company, Newton Upper Falls, Mass. Fire-alarm systems. 1,465,496; Aug. 21.
Surface Combustion Co. (See Peters, Arthur W., assignor.)
Surface Combustion Co., The. (See Eddison, William B., assignor.)
Surface Combustion Co., The. (See Hepburn, William M., assignor.)
Surface Combustion Co. Inc., The. (See Harris, William J., jr., assignor.)
Surface Combustion Co., Inc., The. (See Langenberg, F. C., and Fetterly, assignors.)
Surface Combustion, Inc. (See Ellis, Carleton, assignor.)
Surico, Carmine. (See Fumagalli, G., Cardone, and Surico.)
Surplus, Charles W., Chicago, Ill. Box-covering machine. 1,442,835; Jan. 23.
Sury, Walter, Pieterlen, Switzerland. Vise. 1,453,207; Apr. 24.
Sus Strong, Carl A., Chicago, Ill. Undergarment. 1,478,147; Dec. 18.
Susquehanna Silk Mills. (See Bunting, James H., assignor.)
Susquehanna Silk Mills. (See Katz, Clara, assignor.)
Susquehanna Silk Mills. (See Korten, Ernest, assignor.)
Susquehanna Silk Mills. (See Krupicka, Ella, assignor.)
Susquehanna Silk Mills. (See Rothschild, Max, assignor.)
Susquehanna Silk Mills. (See Weiss, Virginia, assignor.)
Süss, David, Mannheim, and H. Jocher, Lampertheim, near Mannheim, Germany. Transporting device for unassorted cigars which are not yet packed. 1,476,009; Dec. 4.

Susskind, Sylvan H. (See Scribner, G. H. T., and Susskind.)
Sussman, Max, Detroit, Mich. Folding cook stove. 1,456,474; May 22.
Sustarich, Joseph, Chicago, Ill. Power hammer. 1,458,667; June 12.
Sutcliffe, Arthur G., assignor to Ilg Electric Ventilating Company, Chicago, Ill. Self-cooled electric motor. 1,441,460; Jan. 9.
Sutcliffe, Arthur G., assignor to Ilg Electric Ventilating Company, Chicago, Ill. Brush rigging for electric motors and generators. 1,477,606; Dec. 18.
Sutcliffe, Harry C., Black Earth, Wis. Clutch lock for tractors. 1,441,186; Jan. 2.
Suter, Eugène F., Piccadilly, London, England. Permanent hair waving. 1,449,874. Mar. 27.
Suter, Eugène F., London, England. Electric heating apparatus for waving or curling the hair. 1,456,343; May 22.
Suter, John H., Los Angeles, Calif. Method of and means for fuel injection for internal-combustion motors. 1,477,984; Dec. 18.
Sutermeister, Lowell A., Dayton, Ohio. Apparatus for manufacture of ice cream. 1,449,458; Mar. 27.
Sutherland Collapsible Paper Box Company. (See Sutherland, Stafford F., assignor.)
Sutherland, Daniel M., jr., Trenton, assignor to The Agasote Millboard Co., Ewing Township, N. J. Sheet-handling device. 1,464,513; Aug. 14.
Sutherland, Enos E., Los Angeles, Calif. Collapsible crate. 1,451,598; Apr. 10.
Sutherland, Enos E., Los Angeles, Calif. Knockdown receptacle. 1,475,897; Nov. 27.
Sutherland, Ernest E., Mansfield, Ohio, assignor to Westinghouse Products Company. Electric water heater. 1,472,197; Oct. 30.
Sutherland, John, Davenport, Iowa. Automatic car-control mechanism. 1,458,158; June 12.
Sutherland, John, Springer, N. Mex. Tool for contracting and expanding split rims. 1,463,854; Aug. 7.
Sutherland, Robert F. (See Hooper, C. L., Sutherland, and Parkhouse.)
Sutherland, Stafford F., Philadelphia, Pa. Collapsible folding box. 1,443,054; Jan. 23.
Sutherland, Stafford F., assignor to Sutherland Collapsible Paper Box Company, Philadelphia, Pa. Collapsible folding box. 1,443,055; Jan. 23.
Sutherland, Stafford F., assignor to Sutherland Collapsible Paper Box Company, Philadelphia, Pa. Collapsible folding box. 1,443,056; Jan. 23.
Sutton, Ernest D., Rochester, N. Y. Adjusting mechanism for clothesracks and similar devices. 1,466,859; Sept. 4.
Sutton, Eunice, assignor to Sutwa Mfg. Co., Inc., New York, N. Y. Display device. 1,472,097; Oct. 30.
Sutton, Frank, et al. (See Heltman, Curg W., assignor.)
Sutton, Frank M., Vallejo, Calif. Combined thermostat and time control. 1,468,179; Sept. 18.
Sutton, Harry A., and R. S. Van Atta, Dayton, Ohio. Cannon tunnel mount. 1,471,366; Oct. 23.
Sutton, Louis D., Portland, Oreg. Roasting pan. 1,417,219; Oct. 16.
Sutton, Mark, and T. Williams, Rio de Janeiro, Brazil. Top-roller clearer. 1,462,774; July 24.
Sutton, William H., assignor to J. & P. Coats, Limited, Glasgow, Scotland. Cheese-winding spindle. 1,476,271; Dec. 4.
Sutwa Mfg. Co. (See Sutton, Eunice, assignor.)
Suverkrop, Edward A., deceased; J. H. Suverkrop, administratrix, assignor to J. H. Suverkrop, Sea Cliff, N. Y. Lapping machine. Re15,684; Sept. 11.
Suverkrop, Jenny H. (See Suverkrop, Edward A., assignor.)
Suverkrop, Jenny H., administratrix. (See Suverkrop, Edward A.)
Suzuki, Umetaro, Tokyo, Japan. Making sodium compounds of dioxydiaminoarsenobenzene. 1,440,848; Jan. 2.
Suzuki, Umetaro, Tokyo, Japan. Making sodium compounds of dioxydiaminoarsenobenzene. 1,440,849; Jan. 2.
Suzuki, Umetaro, Tokyo, Japan. Making sodium compounds of dioxydiaminoarsenobenzene. 1,440,850; Jan. 2.
Suzuki, Umetaro, Tokyo, Japan. Sodium compound of dioxydiaminoarsenobenzene and making the same. 1,468,618; Sept. 18.
Svalgaard, John W., Madelia, Minn. Shovel. 1,474,213; Nov. 13.
Svalland, Martin, New York, N. Y. Rail crossing. 1,460,686; July 3.
Svenska Aktiebolaget Bromsregulator. (See Djurson, Axel R. K., assignor.)
Svenska Aktiebolaget Gasaccumulator. (See Eskilson, Sven A., assignor.)
Svenska Aktiebolaget Mono. (See Rodhe, Olof, assignor.)
Svensson, John W. (See Graf, F., and Svensson.)
Svensson, Svenning H., assignor to Aktiebolaget Bofors, Bofors, Sweden. Machine for the manufacturing of nuts 1,468,046; Sept. 18.
Swaim, Lindian J., Washington, D. C. Inking mechanism for plate-printing machines. 1,469,544; Oct. 2.
Swaim, Patrick M., Lonoke, Ark. Mathematical calculator and rule. 1,443,855; Jan. 30.
Swain, Joseph G., Akron, Ohio. Pressed-steel wheel and making same. 1,450,618; Apr. 3.
Swain, Joseph G., assignor to The Firestone Steel Products Company, Akron, Ohio. Wheel and demountable rim. 1,443,291; Jan. 23.
Swain, Joseph G., assignor to The Firestone Steel Products Company, Akron, Ohio. Manufacture of wheels. 1,460,147; June 26.
Swain, Joseph G., assignor to The Firestone Steel Products Company, Akron, Ohio. Demountable-rim construction. 1,473,525; Nov. 6.
Swain, Mack M. (See Post, Harry M. and L. O., assignors.)
Swain, Mack M., Los Angeles, Calif. Music cabinet. 1,464,890; Aug. 14.
Swan, Albert S. (See Yeats, J. A., and Swan.)
Swan, Arthur G., Yakima, Wash. Tilting bin and mounting for same. 1,447,360; Mar. 6.
Swan, Erwin D., East Orange, N. J., and D. G. Manges, Maryville, Tenn., assignors of one-half to Lidgerwood Manufacturing Company, New York, N. Y., and one-half to United Steel Block Corporation, Chester, Pa. Sheave block. 1,463,731; July 31.
Swan, Gustave, Sioux Falls, S. Dak. Bicycle boat. 1,459,297; June 19.
Swan, John B., assignor of one-half to L. Csemiczsky, Denver, Colo. Adjustable cultivator. 1,454,225; May 8.
Swan, John B., assignor of one-half to L. Csemiczsky, Denver, Colo. Combined shade roller and curtain bracket. 1,454,226; May 8.
Swan, John B., assignor of one-half to L. Csemiczky, Denver, Colo. Hand cultivator. 1,465,656; Aug. 21.
Swan, John C., Marietta, Ohio. Drilling wells. 1,455,010; May 15.
Swan, John W., Stamford, Conn. Carburetor control. 1,462,725; July 24.
Swan, Willis A., Port Huron, Mich. Evaporating apparatus. 1,478,186; Dec. 18.
Swanberg, Floyd L. (See Peterson, J. W., and Swanberg.)
Swanberg, Julius, Chicago, Ill. Temperature indicator. 1,441,307; Jan. 9.
Swanfeldt, Andrew. (See Cochran, John A., assignor.)
Swanjord, Knute, Balaton, Minn. Pressure gauge. 1,475,252; Nov. 27.
Swank, Christian J., Topeka, Kans. Exterminator trap. 1,451,720; Apr. 17.
Swann, Vivian M., Brooklyn, N. Y. Carpenter's hatchet. 1,478,187; Dec. 18.
Swann, William, assignor to C. Trawford, Limited, Walsall, England. Means for gripping wire or the like. 1,450,524; Apr. 3.
Swanson, Andrew W. (See Andrae, P. J., and Swanson.)
Swanson, Benny M., Los Angeles, Calif. Combination angle table. 1,466,810; Sept. 4.
Swanson, Charles A., Chicago, Ill. Grass catcher. 1,448,880; Mar. 20.
Swanson, Charles A., assignor of one-half to G. W. Swanson, Fridley, Minn. Unloading truck. 1,455,821; May 22.
Swanson, Charles V., Velva, N. Dak. Ventilator. 1,471,811; Oct. 23.
Swanson, Chrisopher, Laporte, Ind. Fence. 1,475,415; Nov. 27.
Swanson, Emil G., Moline, Ill. Bolt and nut assembling machine. 1,440,646; Jan. 2.
Swanson, Florence H., Chicago, Ill. Controlling mechanism for phonographs and the like. 1,446,996; Feb. 27.
Swanson, George W. (See Swanson, Charles A., assignor.)
Swanson, Guss A., Chicago, Ill. Building block. 1,459,189; June 19.
Swanson, Hjalmar, assignor to Cummins Perforator Company, Chicago, Ill. Hand perforator. 1,476,272; Dec. 4.
Swanson, Hjalmar, assignor to Cummins Perforator Company, Chicago, Ill. Hand perforator. 1,476,273; Dec. 4.
Swanson, John E. (See Anderson, Carl G., assignor.)
Swanson, John N., Iowa Park, Tex. Well. 1,476,554; Dec. 4.
Swanson, Olaf J., Chappaqua, N. Y. Fly-paper holder. 1,461,689; July 10.
Swanson, Peter, and A. W. Carlson, Ely, Minn. Auxiliary car step. 1,443,057; Jan. 23.
Swanson, Peter, and A. W. Carlson, Ely, Minn. Auxiliary car step. 1,466,212; Aug. 28.
Swanson, Swan J., assignor of one-half to F. H. Blankenhorn, St. Louis, Mo. Windmill. 1,442,307; Jan. 16.
Swanstrom, George. (See Hage, Leonell R., assignor.)
Swanstrom, John M., Chicago, Ill. Shock absorber. 1,474,498; Nov. 20.
Swantees, Samuel F., St. Louis, Mo. Ribbed underflap for undergarments. 1,469,972; Oct. 9.
Swaroczky, Antoni, Detroit, Mich. Water gauge for heating boilers. 1,465,956; Aug. 28.
Swart, George R., & Company, Inc. (See Belluche, Elmer W., assignor.)
Swart, Walter G., Duluth, Minn. Sintering apparatus. 1,474,859; Nov. 20.
Swart, Walter G., Babbitt, Minn. Magnetic separator. 1,475,457; Nov. 27.

Swarts, Ernest L., Dixon, Ill. Ice-card holder. 1,444,810; Feb. 13.
Swartwood, Charles C., Centralia, Wash. Evaporative iceless refrigerator. 1,448,470; Mar. 13.
Swartwood, Horatio R., Kansas City, Mo., assignor of one-third to H. Vick, Atchison, Kans., and one-third to M. M. O'Connor, Kansas City, Mo. Sash balance and fastener. 1,446,403; Feb. 20.
Swartwout Company, The. (See Mayer, Carl F., assignor.)
Swartz, Charles L., Philadelphia, Pa. Dropping attachment for bottles. 1,471,868; Oct. 23.
Swartz, Edward M., Roxbury, assignor to Keystone Mfg. Co., Boston, Mass. Garden tool. 1,477,302; Dec. 11.
Swartz Electric Company. (See Swartz, Ira T., assignor.)
Swartz, Fred L., assignor of one-half to G. Montville, deceased, Toledo, Ohio; E. Montville, administratrix. Automatic door operating and controlling means. 1,474,214; Nov. 13.
Swartz, Henry, Philadelphia, Pa. Coal-gas carburetor. 1,447,737; Mar. 6.
Swartz, Henry, Philadelphia, Pa. Coal-gas carburetor. 1,464,299; Aug. 7.
Swartz, Henry, Philadelphia, Pa. Coal-gas carburetor. 1,478,981; Dec. 25.
Swartz, Ira T., assignor to Swartz Electric Company, Indianapolis, Ind. Fuel-supplying means. 1,470,204; Oct. 9.
Swartz, Richey L., Bowling Green, Ohio. Washing machine. 1,447,607; Mar. 6.
Swartz, William H., York, Pa., assignor to The General Machine Works. Speed-changing mechanism. 1,463,408; July 31.
Sway, Henry, Cincinnati, Ohio. Radiator core. 1,460,805; July 3.
Swayze, Michael L., Peyton, Colo. Potato digger and bean harvester. 1,449,306; Mar. 20.
Swebilius, Carl G., assignor, by mesne assignments, to The Marlin Firearms Corporation, New Haven, Conn. Automatic gun. 1,444,890; Feb. 13.
Swebilius, Carl G., assignor, by mesne assignments, to The Marlin Firearms Corporation, New Haven, Conn. Automatic gun. 1,450,653; Apr. 3.
Swedenborg, John P., Akron, Ohio. Garment stretcher. 1,465,696; Aug. 21.
Swedish Crucible Steel Company. (See Barton, Charles, assignor.)
Sweeley, Edward A., Alexandria, Va., assignor to The Wine Railway Appliance Co., Toledo, Ohio. Hatch cover and means for supporting and locking the same. 1,473,655; Nov. 13.
Sweeley, Everett M., Boise, Idaho. Cartridge. 1,470,655; Oct. 16.
Sweeney, Albert H., Fresno, Calif. Decoy stickup. 1,478,538; Dec. 25.
Sweeney, Daniel, assignor of one-half to H. B. Kincaid, Clarksburg, W. Va. Traffic signal. 1,451,237; Apr. 10.
Sweeney, Eugene J., Rockford, Ill. Plane. 1,447,051; Feb. 27.
Sweeney, Hugh C., Minneapolis, Minn. Coupling guard. 1,477,607; Dec. 18.
Sweeney, Morgan L., et al. (See Cable, Henry C., assignor.)
Sweeney, Samuel, Wilkinsburg, Pa. Flushing device for water-closets. 1,446,773; Feb. 27.
Sweet, Alvin H., assignor to Title Guarantee and Trust Company, trustee, Los Angeles, Calif. Brake band. 1,478,070. Dec. 18.
Sweet, Alvin H., assignor of one-third to C. A. Sweet and one-third to C. R. Twitchell, Los Angeles, Calif. Linked brake-band lining. 1,460,118; June 26.
Sweet, C. O., and Son Company. (See Sweet, Ervin V., assignor.)
Sweet, Charles A. et al. (See Sweet, Alvin H., assignor.)
Sweet & Doyle Foundry and Machine Co. (See Shiverick, Myron D., assignor.)
Sweet, Ernest E., assignor, by mesne assignments, to H. H. Emmons, Detroit, Mich. Apparatus for distilling volatile impurities from the lubricating oil of internal-combustion engines. 1,471,984; Oct. 23.
Sweet, Ervin V., Attleboro, Mass., assignor to C. O. Sweet and Son Company. Separable fastener. 1,458,559; June 12.
Sweet, Frederick D., assignor to Instant Hot Primer Company, Cleveland, Ohio. Engine-priming device. 1,450,929; Apr. 10.
Sweet, Herbert P. (See Peckham, H. C., and Sweet.)
Sweet, Jeremiah B., Hutchinson, Kans. Shaker. 1,470,893; Oct. 16.
Sweet, Laurence A., Los Angeles, Calif. Hood clamp. 1,442,369; Jan. 16.
Sweet, Lewis L., and M. Morley, Wallace, Idaho. Ball mill. 1,455,456; May 15.
Sweet, Meachem D., Alliance, Ohio. Battery-charging connector. 1,445,567; Feb. 13.
Sweet, Melvin A., and G. W. Britton, Hamilton, Ontario, Canada. Dial-scale printing device. 1,461,949; July 17.
Sweet, Melvin A., and M. D. Fernan, Binghamton, N. Y. Measuring device. 1,472,284; Oct. 30.
Sweet, Roger J., Buffalo, N. Y. Vapor-controlling system for engines. 1,448,167; Mar. 13.
Sweetland, Ernest J., Montclair, N. J. Developing photographic sensitized films. 1,447,329; Mar. 6.
Sweetland, Ernest J., Montclair, N. J., assignor to United Filters Corporation, Salt Lake City, Utah. Filter. 1,472,098; Oct. 30.
Sweetland, William H., et al. (See Ashlock, Ernest H., assignor.)
Sweetman, Cecil R., et al. (See Bryan, William G., assignor.)
Sweetman, Michael M., Kansas City, Mo. Method and apparatus for removing liquid and salt deposits from gas wells. 1,447,052; Feb. 27.
Sweetman, Michael M., Kansas City, Mo. Underreamer. 1,478,306; Dec. 18.
Sweney, Harry K., Alcova, Wyo. Culvert. 1,443,292; Jan. 23.
Sweney, Harry K., Denver, Colo. Conduit coupling. 1,475,150; Nov. 20.
Swenson, Carl E., et al. (See Anderson, Carl L., assignor.)
Swenson, Carl E., et al. (See Faust, Levin, assignor.)
Swenson, Carl E., assignor of one-fourth to L. Faust, one-fourth to E. Ekstrom, and one-fourth to C. L. Anderson, Rockford, Ill. Clutch. 1,460,454; July 3.
Swenson, Gustav A., Brooklyn, N. Y. Hoisting gear. 1,446,278; Feb. 20.
Swensen, Abraham, deceased; M. Swensen, administratrix, Minneapolis, Minn. Record-cleaning device. 1,472,857; Nov. 6.
Swensen, Mary, administratrix. (See Swensen, Abraham.)
Swenson, Harold E., Vallejo, Calif. Envelope opener. 1,473,526; Nov. 6.
Swenson, Oscar L. W., Brooklyn, N. Y. Die-casting machine. 1,466,490; Aug. 28.
Swetnam, Lewis H., and J. Moody, Jacksboro, Tex. Radiator-draining means. 1,443,938; Jan. 30.
Swiezy, Adolf W. (See Martin, Francis L., assignor.)
Swift, Clement K., Highland Park, assignor of one-half to M. I. Hartman and A. Hartman, Philadelphia, Pa., trading as H. S. Laboratory. Stopcock remover. 1,453,895; May 1.
Swift & Company. (See Davis, Elmer E., assignor.)
Swift & Company. (See Flick, Clarence, assignor.)
Swift & Company. (See Lamb, Harry, assignor.)
Swift & Company. (See Porth, Harry W. L., assignor.)
Swift & Company. (See Richardson, William D., assignor.)
Swift, George W., jr., Bordentown, N. J. Cover-fastening device for paper pails. 1,462,153; July 17.
Swift, Willard E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Window envelope. 1,449,792; Mar. 27.
Swift, Willard E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Carton support for drinking cups. 1,459,002; June 19.
Swihart, Eraphia A., Randall, Kans. Incubator. 1,467,886; Sept. 11.
Swindale, John W. (See Lee, H. W., and Swindale.)
Swindell, William H., and L. Phillips, Waldo, Fla. Railway switch. 1,450,763; Apr. 3.
Swindell, William H., and L. Phillips, Waldo, Fla. Rail joint. 1,455,680; May 15.
Swindle, Edna B., Lanark, Mont. Attachment for clotheslines. 1,466,570; Aug. 28.
Swineford, Lloyd A., Ashland, Ohio. Swimmer's float. 1,446,222; Feb. 20.
Swinehart, Benjamin C., Sandusky, Ohio. Tire tread. Des. 63,336; Nov. 20.
Swingspout Measure Co. (See Wiswell, O. N., and Allen, assignors.)
Swinland, John, Duluth, Minn. Occupant-propelled vehicle. 1,443,153; Jan. 23.
Swinland, John, Duluth, Minn. Vehicle. 1,455,124; May 15.
Swinnerton, Rupert, Minneapolis, Minn. Automobile garage. 1,454,348; May 8.
Swisher, D. P., et al. (See Stevens, G. H., and Eaton, assignors.)
Swisher, R. D., Mfg. Co. (See Corey, Matt M., assignor.)
Swisher, R. D., Mfg. Co. (See Gudgel, E. D., and Corey, assignors.)
Swiss Anode Corporation. (See Bart, Blasius, assignor.)
Swiss Ferment Company. (See Kern, R. and Jenny, assignors.)
Switzer, Erlo H., Moberly, Mo. Bedspring. 1,448,471; Mar. 13.
Switzer, William A., New York, N. Y. Cap for a condiment holder. Des. 63,273; Nov. 13.
Swoboda, Adolph R., Newark, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Resistance element. 1,448,578; Mar. 13.
Swole, Paul C. (See Kelsey, Frank N., assignor.)
Swoveland, Virgil W., Tulsa, Okla. Fishing tool. 1,461,006; July 3.
Sydeman, Abraham. (See Thoma, Andrew, assignor.)
Sydor, Jacob, et al. (See Rosenberg, W., and Moss, assignors.)
Sykes, John P., Wallingford, and H. E. Stover, assignors to The Baldwin Locomotive Works, Philadelphia, Pa. Jig for assembling locomotive frames. 1,453,896; May 1.
Sykes, John P., Wallingford, and H. E. Stover, Philadelphia, Pa. Jig for assembling locomotive frames. 1,460,868; July 3.

Sykes, John P., Wallingford, and H. E. Stover, assignors to The Baldwin Locomotive Works, Philadelphia, Pa. Jack structure. 1,478,307; Dec. 18.
Sykes, Koscoe D., Norfolk, Va. Lumber drier. 1,477,985; Dec. 18.
Sykes, Miles M., San Francisco, Calif. Trolley replacer 1,457,677; June 5.
Sykes, W. R., Interlocking Signal Company Limited. (See Tiddeman, Edmund S., assignor.)
Sylvan, Joseph, Chicago, Ill. Glazing bar for skylights and the like. 1,475,416; Nov. 27.
Sylvan, Joseph, Chicago, Ill. Skylight construction. 1,476,931; Dec. 11.
Sylvan, Joseph, Cicero, Ill. Warm-air heating furnace. 1,476,932; Dec. 11.
Sylvan, Joseph, assignor to American 3-Way Luxfer Prism Co., Chicago, Ill. Skylight construction. 1,464,783; Aug. 14.
Sylven, Gustaf E. (See Tillander, August E., assignor.)
Sylvester, Andrew C. (See Sylvester, George H. and A. C.)
Sylvester, Chester M., Middleboro, Mass. Trap for drains and the like. 1,455,279; May 15.
Sylvester, George H. and A. C., Cary Station, Ill. Shovel. 1,474,568; Nov. 20.
Syman, William E. (See Taylor, W., and Hindle, assignors.)
Symington, T. H., Company, The. (See Barrows, Donald S., assignor.)
Symington, T. H., Company, The. (See Kadel, Byers W., assignor.)
Symington, T. H., Company, The. (See Lucas, Walter A., assignor.)
Symington, T. H., Company, The. (See Weston, Arthur H., assignor.)
Symington, T. H., Company, The. (See Wright, Ira O., assignor.)
Symmes, Ernest M., assignor to Hercules Powder Company, Wilmington, Del. Explosive. 1,478,588; Dec. 25.
Symmons, Samuel J., San Francisco, Calif. Casting machine. 1,449,459; Mar. 27.
Symonds, Clarence M., San Anselmo, Calif., assignor to American Can Company, New York, N. Y. Blank feed for slitters. 1,459,758; June 26.
Symons Brothers Company. (See Symons, Edgar B., assignor.)
Symons, Edgar B., assignor to Symons Brothers Company, Evanston, Ill. Adjustable head for disk crushing machines. 1,444,221; Feb. 6.
Symons, Johnson V. (See Bracken, Horace S., assignor.)
Syndicaat "Electro -Staal." (See Vermaes, Stefanus J., assignor.)
Syracuse Washing Machine Corporation. (See Derschug, John N., assignor.)
System Machine Works. (See Dabadie, John L., assignor.)
Szabo, George A., Cleveland, Ohio. Appliance for automatically indicating the amount of gasoline in automobile tanks. 1,456,743; May 29.
Szabó, Julius, New York, N. Y. Bed for children or infants. 1,440,943; Jan. 2.
Szafka, Joseph, Philadelphia, Pa. Combination sausage filler and fruit press. 1,446,279; Feb. 20.
Szafka, Joseph, Philadelphia, Pa. Wine press. 1,468,047; Sept. 18.
Szalai, Charles, Easton, Pa. Stove-lid lifter. 1,451,238; Apr. 10.
Szarvasy, Emerich, Budapest, Hungary. Graphitizing preformed carbon bodies. 1,470,300; Oct. 9.
Szastalo, Stanley, New York, N. Y. Matchbox. 1,450,963; Apr. 10.
Szczerba, Walter, Newark, N. J. Envelope. 1,461,635; July 10.
Szita, George, assignor of one-half to J. B. Cunningham, San Antonio, Tex. Engine head. 1,474,452; Nov. 20.
Szukalski, Marian F., jr., Milwaukee, Wis. Flexible dial mounting. 1,477,785; Dec. 18.
Szydlowski, Paul, Detroit, Mich. Lock. 1,460,518; July 3.
Szydlowski, Paul, Detroit, Mich. Tilting steering wheel for motor-driven vehicles. 1,476,851; Dec. 11.
Szykowny, Walter C., Toledo, Ohio. Fruit-jar holder. 1,452,941; Apr. 24.
Szymanski, Franciszek, and P. Dudek, Ellsworth, Pa. Sealing stamp. Des. 62,154; Mar. 27.
Tabb, Warner T., assignor to Duplex Engine Governor Company, Inc., Brooklyn, N. Y. Valve. 1,470,037; Oct. 9.
Tabb, Warner T., New York, N. Y., assignor to The Safety Car Heating & Lighting Company. Art and apparatus for lighting. 1,470,777; Oct. 16.
Tabb, Warner T., assignor to Duplex Engine Governor Company, Inc., Brooklyn, N. Y. Operating gear. 1,470,778; Oct. 16.
Taber, Charles A., Oakland, Calif. Torque shock absorber. 1,466,414; Aug. 28.
Taber, Hubert C., assignor of one-half to A. M. Jones, Los Angeles, Calif. Centrifugal amalgamator. 1,457,560; June 5.
Taber, Jeremiah B. G., New Haven, Conn. Preparation for treating articles of rubber. 1,464,143; Aug. 7.
Taber, Joseph, Millbrook, N. Y. Spiral propeller. 1,458,600; June 12.
Tabler, Frank C., St. Louis, Mo. Air inlet and mixing device for internal-combustion engines. 1,468,048; Sept. 18.
Tabler, John H., Washington, D. C. Belt fastener. 1,476,852; Dec. 11.
Tabor, Albert B., assignor to The Brown & Sharpe Manufacturing Co., Providence, R. I. Hair clipper. 1,441,132; Jan. 2.
Tabor, Bert B. and T. C., Pottersville, Mo. Dirigible headlight. 1,476,656; Dec. 4.
Tabor, Clinton D., Huntington, assignor of one-half to H. I. Sorenson, New York, N. Y. Sash center. 1,457,323; June 5.
Tabor Manufacturing Company, The. (See Coleman, Charles W., assignor.)
Tabor Manufacturing Company, The. (See Lewis, Wilfred, assignor.)
Tabor, Milton B., Swanton, Vt. Potato grader. 1,458,085; June 5.
Tabor, Tom C. (See Tabor, Bert B. and T. C.)
Tabor, William B., New Douglas, Ill. Fence construction. 1,476,853; Dec. 11.
Tabor, William B., New Douglas, assignor of one-half to A. D. Martin, Gillespie, Ill. Step signal for crossings. 1,477,296; Dec. 11.
Tabulating Machine Company, The. (See Lake, Clair D., assignor.)
Tackaberry, Robert D., Lewiston, Me. Cutter. 1,446,404; Feb. 20.
Tackler, Samuel, New York, N. Y. Snap button. Des. 63,114; Oct. 2.
Tackett, James R., Olive Hill, Ky. Brick machine. 1,460,455; July 3.
Taddeo, Luigi, Cleveland, Ohio. Fountain pen. 1,461,838; July 17.
Taeubert, Edmund E., assignor to L. M. Harvey, Los Angeles, Calif. Starting switch for electric motors. 1,476,777; Dec. 11.
Taeubert, Richard, Holyoke, Mass. Automobile signal. 1,460,620; July 3.
Tafarella, Mary. (See Weyandt, J. M., and Tafarella.)
Taff, Frederick N., Millington, N. J. Cigarette and cigar holder. 1,464,300; Aug. 7.
Taffee, Leo H. (See Johnson, A. E., and Taffee.)
Taft, Edward P., and G. Barton, Augusta, Ga. Cotton cleaner. 1,476,010; Dec. 4.
Taft, George F., Boston, Mass. Shield for automobile headlights. 1,469,545; Oct. 2.
Taft, Herbert O., Burlington, Vt. Spool. 1,454,796; May 8.
Taft, Peirce Manufacturing Company, The. (See Bryant, Elmer J., assignor.)
Taft-Pierce Manufacturing Company, The. (See Martell, Albert A., assignor.)
Taft, Sydney E., Framingham, Mass., assignor to Spartan Needle Company, Providence, R. I. Knitting needle. 1,461,007; July 3.
Tagert, William C., Aspen, Colo. Horn weight. 1,467,769; Sept. 11.
Taggart, John A., Wilmette, Ill. Concrete mold. 1,456,345; May 22.
Taggart, John A., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Telephone-signal-allotting system. 1,462,252; July 17.
Taggart, Joseph W., Watertown, N. Y. Paper-bag-bottoming machine. 1,450,120; Mar. 27.
Taggart, Joseph W., Watertown, N. Y. Paper-bag-bottoming machine. 1,453,294; May 1.
Taggart, Leroy C. (See Leibing, W. E., and Taggart.)
Taggart, Robert J. (See Lewis, A. B., and Taggart, assignors.)
Taggart, Willard T. (See McKee, C. W., and Taggart.)
Taggart, William J. (See Lewis, A. B., and Taggart.)
Tagit Company, The. (See Borchert, William and F. L., assignors.)
Tagliabue, Charles, Manufacturing Co. (See Rather, James B., assignor.)
Tagliabue, Charles J., Manufacturing Co. (See Milker, Herbert P., assignor.)
Tagliabue, Charles J., Manufacturing Co. (See Milker, H. P., and Roesch, assignors.)
Tagliaferri, Leone, Genoa, Italy. Electric furnace. 1,449,307; Mar. 20.
Tagliaferry, Orestes, Cincinnati, Ohio. Holder for razor blades. 1,449,355; Mar. 20.
Taigman, Max, New York, N. Y Electrically-controlled power transmission. 1,463,449; July 31.
Tainsh, William A., assignor to Bauer & Black, Chicago, Ill. Adhesive-plaster spool. 1,441,543; Jan. 9.
Tainton, Urlyn C., Kellogg, Idaho. Treatment and leaching of complex ores. 1,467,516; Sept. 11.
Tajima, Ichigo, Tokyo, Japan. Sash frame. 1,465,380; Aug. 21.
Takamine, Jokichi, New York, N. Y., and J. Takamine, jr., Clifton, N. J. Enzymic substance and making the same. 1,460,736; July 3.
Takamine, Jokichi. (See Wooyenaka, Keizo, assignor.)
Takamine, Jokichi, jr. (See Takamine, Jokichi and J., jr.)
Takanashi, Mitsuo, Tokyo, Japan. Manufacture of lenses. 1,466,973; Sept. 4.
Taki, Rokujiro, Abe-Gun, Shizuoka-Ken, Japan. Apparatus for manufacturing lime sulphur. 1,460,621; July 3.

Alphabetical list of patentees—Continued.

Talasek, Joseph, Temple, Tex. Spoke-tightening washer. 1,468,090; Sept. 18.
Talbert, Charles S., deceased, Long Beach, Calif.; L. R. Talbert, executor. Game. 1,470,125; Oct. 9.
Talbert, L. R., executor. (See Talbert, Charles S.)
Talbert, Lee R., Los Angeles, Calif. Key lock. 1,470,126; Oct. 9.
Talbot, Elmer R., Chicago, Ill. Electric waving iron. 1,449,632; Mar. 27.
Talbot, Ernest. (See Lebreton, A., and Talbot.)
Talbot, Evariste E., Fall River, Mass. Means for removably securing cam plates to cam shafts. 1,464,589; Aug. 14.
Talbot, Herman C., Chicago, Ill. Paper-dispensing device. 1,450,009; Mar. 27.
Talbot, John W., Chicago, Ill. Manufacturing composition toilet seats and similar articles. 1,474,860; Nov. 20.
Talbott, Dean C. (See Gorsuch, Howard F., assignor.)
Talcott, Phineas M., Branford, Conn. Cartridge-loading press. 1,463,603; July 31.
Taliaferro, Edward E., Chattanooga, Tenn. Spring talking-machine motor. 1,445,652; Feb. 20.
Taliaferro, Edward O., Philadelphia, Pa. Car unloader. 1,450,313; Apr. 3.
Taliaferro, Thomas L., Chicago, Ill. Shoe-polish box 1,465,100; Aug. 14.
Taliaferro, Thomas L., Chicago, Ill. Forming liners for metal caps and article produced thereby. 1,476,115; Dec. 4.
Taliaferro, Thomas L., assignor to Phoenix Hermetic Company, Chicago, Ill. Drying lithographed metal plates. 1,446,947; Feb. 27.
Taliaferro, William R., Pittsburgh, Pa., assignor to Westinghouse Electric and Manufacturing Company. Motor-control system. 1,454,867; May 15.
Tallantyre, Snow B. (See Lewcock, W., and Tallantyre.)
Talley, Berry M., Morrow, Ark. Antiskid-tire protector. 1,450,764; Apr. 3.
Talley, Randal E., Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company. Annealing metal. 1,466,257; Aug. 28.
Tallman, Albert R., Nashville, Tenn. Gas cock. 1,466,770; Sept. 4.
Tallman, Gentry L., and A. A. Jones, Shelbyville, Ill. Combined governor and commutator support for motor vehicles. 1,463,491; July 31.
Tallman, Joseph G., Philadelphia, Pa. Repair clamp for bursted or split pipe, hose, etc. 1,445,858; Feb. 20.
Tallon, James, Long Beach, Calif. Placer-mining machine. 1,442,192; Jan. 16.
Talmage, Allie O., et al., executrices. (See Talmage, John G.)
Talmage, John G., deceased, Cleveland, Ohio; A. O. Talmage and R. T. Roby, executrices. Automatic connector for train pipes. 1,474,920; Nov. 20.
Tamamura, Yusuke, Tokyo-fu, Japan. Ropeway car. 1,458,921; June 12.
Tamamura, Yusuke, Tokyo-fu, Japan. Clip for ropeway cars. 1,467,739; Sept. 11.
Tamborello, Frank, Milwaukee, Wis. Reversible collar. 1,478,589; Dec. 25.
Tamborello, Frank, Milwaukee, Wis. Delivery cabinet. 1,478,590; Dec. 25.
Tampier, René J. C., Boulogne-sur-Seine, France. Operating handle for control or other mechanisms. 1,458,013; June 5.
Tamplin, Harry D., West Manchester, Ohio. Mold for concrete blocks. 1,467,657; Sept. 11.
Tanberg, Arthur P., Wilmington, Del., and H. Winkel, Scranton, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing tetra-substituted ureas. 1,477,087; Dec. 11.
Tandler, Gustav. (See Tandler, Oskar and G.)
Tandler, Oskar and G., Crimmitschau, Germany. Warp holder. 1,467,697; Sept. 11.
Tandy, John L., Kansas City, Mo. Cooling device. 1,465,497; Aug. 21.
Tandy, Walter R., Abilene, Tex. Attachment for combined harvesters and thrashers. 1,456,156; May 22.
Tangauy, Joseph G., Holyoke, Mass. Lifting truck. 1,463,538; July 31.
Tangee, Hedvig, New York, N. Y. Level. 1,462,054; July 17.
Tangye, Roy M., Denver, Colo. Carburetor. 1,471,220; Oct. 16.
Tankel, Charles C., et al. (See Newbauer, Falentine, assignor.)
Tankersley, Wayne, Frankfort, Ind. Gas mixer. 1,443,661; Jan. 30.
Tannahill, James A. (See Porteous, R. C., and Tannahill.)
Tannenberg, August O., Oakland, Calif. Process and apparatus for producing fiber from palm leaves. 1,471,535; Oct. 23.
Tanner, Arnold J. (See Boyler, Emanuel J., assignor.)
Tanner, Harry L., Brooklyn, N. Y. Electrodynamic transmission system for vehicles. 1,458,601; June 12.
Tanner, Harry L., assignor to The Sperry Gyroscope Company, Brooklyn, N. Y. Magnetic gyroscopic navigation device. 1,451,928; Apr. 17.
Tanner, Harry L., assignor to The Sperry Gyroscope Company, Brooklyn, N. Y. Gyroscopic compass. 1,452,485; Apr. 17.
Tanner, Harry L., assignor to The Sperry Gyroscope Company, Brooklyn, N. Y. Controlling mechanism for stabilizing gyroscopes. 1,456,744; May 29.
Tanner, Perry, Ashland, Ky. Reserve-fuel system for automobiles. 1,458,203; June 12.
Tanner, Walter, and C. Hunziker, Zurich, Switzerland. Sausage-tying machine. 1,447,577; Mar. 6.
Tanner, Willis E., assignor to J. W. Pickering, Leominster, Mass. Barrette. 1,443,443; Jan. 30.
Tanners Products Company. (See Gallagher, Alfred H., assignor.)
Tan Sad Limited. (See Headley, Frederick H., assignor.)
Tansey, Bernard C., Chicago, Ill. Automobile brake. 1,449,844; Mar. 27.
Tansil, Percy, et al. (See Chambers, Mack and Y. W., assignors.)
Tanzi, Guido, Long Island City, N. Y. Macaroni die. 1,461,504; July 10.
Tapestrelle Corporation. (See Pfister, Theophil, assignor.)
Tapley, J. F., Co. (See Palmer, Elbridge W., assignor.)
Taplin, George C., Brookline, Mass. Operating-table attachment. 1,457,093; May 29.
Tappan, Charles O., New York, N. Y. Constructing the impervious element of earth dams. 1,441,308; Jan. 9.
Tappen, Arthur G., and A. V. Wallentine, Madison, Wis. Shock absorber. 1,470,301; Oct. 9.
Tarbet, Albert, Lakeside, Calif. Current motor. 1,460,331; June 26.
Tarbet, Albert, San Diego, Calif. Self-locking milk-can cover. 1,467,254; Sept. 4.
Tarbox, Gurdon L. (See Spicer, C. W., and Tarbox.)
Tarbox, John P., Garden City, N. Y. System of control for printing machines. 1,440,567; Jan. 2.
Tarbox, John P., Garden City, N. Y. Portable filing case. 1,444,811; Feb. 13.
Tarbox, John P., Garden City, N. Y. Spark-plug cleaner. 1,472,858; Nov. 6.
Tarbox, Gurdon L. (See Spicer, C. W., and Tarbox.)
Tarbox, John P., Garden City, N. Y., assignor to Tarbox Safety Aircraft Company. Balancing system for aircraft. 1,464,784; Aug. 14.
Tarbox, John P., Garden City, assignor, by mesne assignments, to Curtiss Aeroplane and Motor Corporation, Buffalo, N. Y. Wing-shedding means for flying boats. 1,466,634; Aug. 28.
Tarbox Safety Aircraft Company. (See Tarbox, John P., assignor.)
Tardie, Alfred F., Riverside, R. I. Carbon-monoxide burner. 1,470,386; Oct. 9.
Targosky, Peter, Cleveland, Ohio. Combined seeding machine and manure spreader. 1,452,625; Apr. 24.
Tarr, Harold M., Arlington, Mass. Toy. 1,440,944; Jan. 2.
Tarr, Walter M. P., Lowell, Mass. Garment hanger. 1,459,804; June 26.
Tartrais, Eugène H., Maisons-Laffitte, France. Internal-combustion engine. 1,450,567; Apr. 3.
Tartrais, Eugène H., Maisons-Laffitte, France. Fuel pump for internal-combustion engines. 1,455,125; May 15.
Tartrais, Eugène H., Maisons-Laffitte, France. Ignition device for internal-combustion engines. 1,463,855; Aug. 7.
Tartrais, Eugène H., Maisons-Lafitte, France. Pump for feeding liquid-fuel engines and like purposes. 1,471,221; Oct. 16.
Tasaka, Harry, Chicago, Ill. Slicing machine. 1,445,051; Feb. 13.
Tasker, Walter T., Cliftonville, Margate, England. Tool and tool holder for turning, planing, and like operations. 1,459,805; June 26.
Tate, Edward H., Malden, Mass. Holder for coiled wire. 1,476,778; Dec. 11.
Tate, John C., Oakland, Calif. Gas burner. 1,443,827; Jan. 30.
Tate, John C., Oakland, Calif. Absorbing and purifying composition. 1,455,414; May 15.
Tate-Jones & Co. (See Trinks, Willibald, assignor.)
Tate-Jones & Company. (See Costello, Thomas J., assignor.)
Tate-Jones & Company. (See Knapp, James H., assignor.)
Tate Manufacturing Company. (See Haas, Clemens A., assignor.)
Tate, Samuel G., assignor to Union Special Machine Company, Chicago, Ill. Trimming mechanism for sewing machines. 1,442,836; Jan. 23.
Tate, Samuel G., assignor to Union Special Machine Company, Chicago, Ill. Feeding mechanism for sewing machines. 1,459,119; June 19.
Tate, Samuel G., assignor to Union Special Machine Company, Chicago, Ill. Filled-bag-sewing machine. 1,472,998; Nov. 6.
Tate, Samuel G., assignor to Union Special Machine Company, Chicago, Ill. Seam for sewed articles. 1,473,687; Nov. 13.
Tate, William E., sr., Weatherford, Tex. Lawn mower. 1,454,912; May 15.
Tate, William J., Springfield, Mass. Cabinet. 1,454,985; May 15.

Tatje, Herman, Brooklyn, N. Y. Saw for linter machines. 1,470,779; Oct. 16.
Tatore, Paschal. (See Dolan, E. J., and Totore.)
Tatosian, Harry G., Bridgeport, Conn. Ice-cream-cone-rolling machine. 1,440,851; Jan. 2.
Tattersall, Arthur E., Harrow, England. Railway signalling apparatus. 1,459,999; June 26.
Tatum, Elbert M. (See McLain, D. B., and Tatum.)
Taub, Alex, assignor to General Motors Corporation, Detroit, Mich. Internal-combustion engine. 1,444,857; Feb. 13.
Taub, Herman, New York, N. Y. Toothbrush. 1,476,779; Dec. 11.
Taubman, John K., et al. (See Wingo, Sara H., assignor.)
Tauern, Odo D., and N. Lyon, Freiburg, Germany. Device for motion-picture cameras. 1,477,297; Dec. 11.
Taunton Pearl Works, Incorporated. (See Tooker, Harry L., assignor.)
Taunton, Richard A. (See Heseltine, Joseph R. E., assignor.)
Tausche, Archie E., La Crosse, Wis. Manifold heater. 1,475,356; Nov. 27.
Tauscher, Arno, Brooklyn, N. Y. Washing machine. 1,477,854; Dec. 18.
Tawney, Paul, Muskegon, Mich. Piston ring. 1,476,657; Dec. 4.
Taylor, Abraham, Manchester, England. Washing plunger, dolly, and the like. 1,466,678; Sept. 4.
Taylor, Albert H., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Reducing valve for rock drills. 1,465,568; Aug. 21.
Taylor, Albert H., Grand Forks, N. Dak., assignor to Radio Corporation of America, New York, N. Y. System for receiving radiosignals. 1,468,049; Sept. 18.
Taylor, Alexander, Flushing, N. Y. Inductance unit. 1,477,608; Dec. 18.
Taylor, Alfred and H. D., York, England. Erecting prism for telescopes and other optical instruments. 1,459,864; June 26.
Taylor, Alfred and H. D., York, England. Telescope, microscope, and the like. 1,468,762; Sept. 25.
Taylor, Alfred M., Birmingham, England. Means for and method of reducing capacity-current losses in electric cables. 1,466,069; Aug. 28.
Taylor, Asa J., jr., and C. E. Harper, jr., assignors of one-third to B. F. Cummings, Chicago, Ill. Vaporizer for internal-combustion engines. 1,472,233; Oct. 30.
Taylor, Augustus. (See Anderson, Adrien L., assignor.)
Taylor, Augustus. (See Beal, Ralph R., assignor.)
Taylor, Augustus. (See Chapman, Corwin C., assignor.)
Taylor, Augustus. (See Elliott, Harold F., assignor.)
Taylor, Augustus. (See Pratt, Haraden, assignor.)
Taylor, Augustus. (See Pratt, H., Elliott, and Murphy, assignors.)
Taylor, Bayard E., Chicago, Ill. Coupling connection and noncorrosive coating therefor. 1,457,561; June 5.
Taylor, Burt E., Mount Vernon, assignor to The Borden Company, New York, N. Y. Valve. 1,442,452; Jan. 16.
Taylor, Burt E., Mount Vernon, assignor to The Borden Company, New York, N. Y. Can-capping machine. 1,447,696; Mar. 6.
Taylor, C. A., Trunk Works. (See Moore, Charles, assignor.)
Taylor, Calvin F., and E. Sanders, Lakeland, Fla. Artificial bait. 1,446,816; Feb. 27.
Taylor, Cecil H., Detroit, Mich. Engine piston. 1,466,679; Sept. 4.
Taylor, Charles, Paterson, N. J. Bleaching apparatus. 1,459,697; June 19.
Taylor, Charles C. (See Davis, F. K., and Taylor.)
Taylor, Charles C. (See Taylor, Owen and C. C.)
Taylor, Charles G., Kindersley, Saskatchewan, Canada. Retaining device for demountable rims. 1,474,453; Nov. 20.
Taylor, Charles H., Toronto, Ontario, Canada, assignor to Pratt & Whitney Company, New York, N. Y. Thread cutter. Re15,625; June 12.
Taylor, Charles H., jr. (See Collins, Amos, assignor.)
Taylor, Clarence L., assignor to The Morgan Engineering Company, Alliance, Ohio. Charging apparatus for open-hearth furnaces. 1,444,282; Feb. 6.
Taylor, Clarence L., assignor to The Morgan Engineering Company, Alliance, Ohio. Overhead crane. 1,469,123; Sept. 25.
Taylor, Cornelius L., Huntington, W. Va. Heating stove. 1,458,668; June 12.
Taylor, Earl C., Peoria, Ill. Siphon starter. 1,440,706; Jan. 2.
Taylor, Edward A., assignor to The Grasseli Chemical Company, Cleveland, Ohio. Apparatus for dissolving solids. 1,467,342; Sept. 11.
Taylor, Edward C., Longmeadow, Mass. Wrapping machine. 1,474,651; Nov. 20.
Taylor, Edward C., Longmeadow, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Shuttle-balancing mechanism. 1,462,586; July 24.
Taylor, Edward N., assignor to W. A. Zelnicker, St. Louis, Mo. Electroplating. 1,473,060; Nov. 6.
Taylor, Edward W., Salt Lake City, Utah. Cutting tool. 1,443,058; Jan. 23.
Taylor, Edwin, Edwardsville, Kans. Sack holder. 1,457,047; May 29.
Taylor, Edwin, Edwardsville, Kans. Belt connector. 1,470,510; Oct. 9.
Taylor, Ernest C., Elyria, Ohio. Furnace. 1,474,499; Nov. 20.
Taylor, Francis, Whitchurch, England. Cinder sifter or collector. 1,444,713; Feb. 6.
Taylor, Frank and H. G., Radcliffe, England. Automatic air-inlet valve for low-pressure steam-heating apparatus and the like. 1,472,946; Nov. 6.
Taylor-Friedsam Company. (See Speck, Emil, assignor.)
Taylor, George A., Muncie, Ind. Fireless stove. 1,463,563; July 31.
Taylor, George A., Boston, Mass. Making piston rings. 1,475,660; Nov. 27.
Taylor, George A., Boston, Mass. Apparatus for forming piston rings. 1,475,661; Nov. 27.
Taylor, George A., Boston, Mass. Finishing piston-ring grooves. 1,475,662; Nov. 27.
Taylor, George A., Weehawken, N. J., assignor to National Biscuit Company, New York, N. Y. Cover for containers. Des. 62,071; Mar. 13.
Taylor, George N. (See Parks, E. F., Brink, and Taylor.)
Taylor, George N., East Providence, R. I., assignor, by mesne assignments, to The New England Trust Company, trustee. Winding machine. 1,468,583; Sept. 18.
Taylor, Harden F., Chicago, Ill. Refrigerating system. 1,468,050; Sept. 18.
Taylor, Harold B., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrical measuring instrument. 1,472,198; Oct. 30.
Taylor, Harold D. (See Taylor, Alfred and H. D.)
Taylor, Harvey B., Philadelphia, Pa. Spiral casing. 1,462,890; July 24.
Taylor, Harvey B., Philadelphia, Pa. Turbine-gate-operating mechanism. 1,473,391; Nov. 6.
Taylor, Henry B. (See Hyatt, Emerson M., assignor.)
Taylor, Henry H., and M. B. Hammond, assignors to Thos. P. Taylor Company, Bridgeport, Conn. Adjustable buckle. 1,443,599; Jan. 30.
Taylor, Henry H., and M. B. Hammond, assignors to The Thomas P. Taylor Co., Bridgeport, Conn. Adjustable garter buckle. 1,452,854; Apr. 24.
Taylor, Henry H., and M. B. Hammond, assignors to The Thomas P. Taylor Company, Bridgeport, Conn. Garter. 1,456,948; May 29.
Taylor, Henry O., and J. Dresdner, Rockford, Ill. Vegetable cutter. 1,478,684; Dec. 25.
Taylor, Herbert B., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Switching device. 1,472,503; Oct. 30.
Taylor, Herbert E., Coventry, England. Apparatus for generating gear teeth. 1,476,304; Dec. 4.
Taylor, Herbert E., Coventry, England. Generation of gear teeth. 1,478,188; Dec. 18.
Taylor, Herman J., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Variable-speed gear set. 1,450,266; Apr. 3.
Taylor, Hiram G. (See Taylor, Frank and H. G.)
Taylor, Horace F., jr., Buffalo, N. Y. Vehicle signal. 1,470,127; Oct. 9.
Taylor, Howard, assignor to Taylor Spring & Equipment Company, Philadelphia, Pa. Vehicle spring. 1,454,568; May 8.
Taylor, Huston, assignor to Detroit Carrier & Manufacturing Co., Detroit, Mich. Fan pulley. 1,446,596; Feb. 27.
Taylor, Huston, assignor to Detroit Carrier and Manufacturing Company, Detroit, Mich. Demountable-rim lock. 1,453,295; May 1.
Taylor Instrument Companies. (See Amdursky, Samuel S., assignor.)
Taylor Instrument Companies. (See Hodgkinson, Edwin, assignor.)
Taylor Instrument Companies. (See Ireland, George B., assignor.)
Taylor Instrument Companies. (See Norwood, Harry Y., assignor.)
Taylor Instrument Companies. (See Stalker, F. W., and Rosenburgh, assignors.)
Taylor, James A., et al., joint trustees. (See Ladd-Davis, Clarence, assignor.)
Taylor, James A., Waco, Ky. Collar button and tie holder. 1,457,324; June 5.
Taylor, James E., assignor of one-half to C. B. O'Beirne, Dallas, Tex. Accelerator. 1,473,944; Nov. 13.
Taylor, James H., Oak Park, Ill. Welding machine. 1,447,909; Mar. 6.
Taylor, James L., Poughkeepsie, assignor to James L. Taylor Manufacturing Co., New York, N. Y. Clamp. 1,463,564; July 31.
Taylor, James L., Manufacturing Co. (See Taylor, James L., assignor.)
Taylor, James T. (See Rutherford, S. W., and Taylor.)
Taylor, James W., Nash County, near Rocky Mount, N. C. Trousers supporter. 1,446,948; Feb. 27.
Taylor, John, Salt Lake City, Utah. Fuel-feeding mechanism for coal-dust furnaces. 1,449,633; Mar. 27.
Taylor, John B. (See Muller, G., and Hill, assignors.)
Taylor, John M., Ardmore, Pa., assignor to Diamond State Fibre Company, Elsmere, Del. Making laminated fiber products. 1,441,133; Jan. 2.
Taylor, John R., Mansfield, Ohio. Gas heater. Des. 62,428; May 22.

Alphabetical list of patentees—Continued.

Taylor, John W., Pendleton, England. Machine for making wire fabric. 1,466,415; Aug. 28.
Taylor, Joseph H., Mellen, Wis. Tire rim. 1,454,797; May 8.
Taylor, Joseph H., Benton, Tenn. Tractor plow. 1,476,738; Dec. 11.
Taylor, Knox, assignor to Taylor-Wharton Iron and Steel Company, High Bridge, N. J. Tamping tool. 1,452,990; Apr. 24.
Tayor, L. J. (See Pulliam, Herbert A., assignor.)
Taylor, Lawrence M., Philadelphia, Pa. Attachment for automobile gasoline tanks. 1,450,192; Apr. 3.
Taylor, Lewis B., Gooding, Idaho. Automatic retainer for haystackers. 1,453,771; May 1.
Taylor, Morgan O., assignor to H. Northwood Company, Wheeling, W. Va. Holder for candle shades. 1,452,575; Apr. 24.
Taylor, Murlin D., Chicago, Ill. Hydraulic shock absorber. 1,464,686; Aug. 14.
Taylor, Owen and C. C., Huntington, W. Va. Radiant heater. 1,469,124; Sept. 25.
Taylor, Ramford G., Seattle, Wash. Tread for automobile tires. Des. 62,510; June 12.
Taylor, Rex H., Rochester, N. Y. Inflatable ball. 1,473,260; Nov. 6.
Taylor, Richardson H., Meeker, Colo. Crown adapter. 1,443,394; Jan. 30.
Taylor, Robert B., Baltimore, Md. Fire box. 1,455,681; May 15.
Taylor, Robert B., Cleveland, Ohio, assignor to Union Carbide & Carbon Research Laboratories, Inc. Shunt connection. 1,441,640; Jan. 9.
Taylor, Robert L., Midway, assignor, by mesne assignments, of one-half to C. L. McKenzie, Pittsburgh, Pa. Building brick and making same. 1,462,991; July 24.
Taylor, Robert W., New Orleans, La. Ice-making apparatus. No. 1,442,193; Jan. 16.
Taylor, Samuel M., and A. D. Osborn, Loyalton, Calif., assignors of one-fourth to M. P. Armstrong, Reno, Nev., and R. E. McElroy, Loyalton, Calif. Advertising tower. 1,446,629; Feb. 27.
Taylor, Samuel W., assignor of one-half to J. F. Mayer, Baltimore, Md. Rotatable container machine. 1,449,845; Mar. 27.
Taylor, Samuel W., Baltimore, assignor to C. J. Kryzanowsky, Ruxton, Md. Temporary fastening. 1,451,970; Apr. 17.
Taylor Spring & Equipment Company. (See Taylor, Howard, assignor.)
Taylor, Theodore A., and A. J. Yeager, assignors to Prentiss-Wabers Stove Company, Wisconsin Rapids, Wis. Stove. Des. 62,115; Mar. 27.
Taylor, Thomas P., Company, The. (See Taylor, H. H., and Hammond, assignors.)
Taylor, Walter, and S. Hindle, assignors of one-third to W. E. Synan, Fall River, Mass. Thread-tension device. 1,441,544; Jan. 9.
Taylor, Walter H., 3d, Norfolk, assignor to Lynchburg Foundry Company, Lynchburg, Va. Flexible pipe joint. 1,475,090; Nov. 20.
Taylor-Wharton Iron and Steel Company. (See Apgar, Stanley, assignor.)
Taylor-Wharton Iron and Steel Company. (See Apgar, S., and Hanks, assignors.)
Taylor-Wharton Iron and Steel Company. (See Crook, Alfred, assignor.)
Taylor-Wharton Iron and Steel Company. (See Hall, John H., assignor.)
Taylor-Wharton Iron and Steel Company. (See Hall, J. H., and Apgar, assignors.)
Taylor-Wharton Iron and Steel Company. (See Hanks, George R., assignor.)
Taylor-Wharton Iron and Steel Company. (See Jordan, Richard D., assignor.)
Taylor-Wharton Iron and Steel Company. (See Mayer, Waldemar F., assignor.)
Taylor-Wharton Iron and Steel Company. (See Taylor, Knox, assignor.)
Taylor-Wharton Iron and Steel Company. (See Van Buskirk, Lesher W., assignor.)
Taylor, William, Leicester, England. Polishing machine. 1,467,517; Sept. 11.
Taylor, William, Leicester, England. Grinding machine. 1,467,518; Sept. 11.
Taylor, William C. (See Reid, J. C., and Taylor.)
Taylor, William C., Buffalo, N. Y. Form for machine bookkeeping. 1,463,929; Aug. 7.
Taylor, William C., assignor to Corning Glass Works, Corning, N. Y. Glass and making same. 1,449,793; Mar. 27.
Taylor, William E., East Orange, N. J., assignor to American Can Company, New York, N. Y. Slit notch. 1,447,738; Mar. 6.
Taylor, William H., C. W. Downs, and J. W. Barbey, Detroit, Mich. Multiple fuse plug. 1,472,099; Oct. 30.
Taylor, William J. (See Bond, James W., assignor.)
Taylor, William L., and C. F. Richards, assignors to Johnson Automatic Sealer Co., Ltd., Battle Creek, Mich. Flap lifter for carton-sealing machines. 1,474,691; Nov. 20
Taylor, William M., Mecklenburg County, Va. Wave motor. 1,471,222; Oct. 16.
Taylor, William O. (See Howie, K., and Taylor.)
Taylor-Wilson Manufacturing Company. (See Wilson, Edgar H., assignor.)
Teagle Company, The. (See Le Pontois, Léon J., assignor.)
Teagle Company, The. (See Milton, John L., assignor.)
Teagle Company, The. (See Norviel, Harry E., assignor.)
Teagle Company, The. (See Tower, Charles H., assignor.)
Teague, Edward C., Kansas City, Mo. Brake shoe. 1,451,599; Apr. 10.
Teare, Philip, Melbourne, Victoria, Australia. Filing device for loose leaves. 1,459,298; June 19.
Teasley, Joseph W., and G. M. Giddens, West Tampa, Fla. Mud shoe for use with automobiles or other vehicles. 1,449,020; Mar. 20.
Tebbetts, L. B., & Company. (See Tebbetts, Lewis B., assignor.)
Tebbetts, Lewis B., assignor to L. B. Tebbetts & Company, Incorporated, St. Louis, Mo. Key-retaining device. 1,473,361; Nov. 6.
Tebbetts, Marian C., Pittsburgh, Pa. Doll. Des. 61,939; Feb. 13.
Tebbs, Foushee J., Cynthiana, Ky. Lifting device. 1,468,931; Sept. 25.
Techmer, Ewald F., La Crosse, Wis. Plaster-board tile. 1,440,507; Jan. 2.
Techmer, Fred W. A., La Crosse, Wis., assignor to B. F. Avery and Sons, Louisville, Ky. Plow. 1,444,283; Feb. 6.
Technical Research Works, Limited. (See Pelly, Russell G., assignor.)
Technicolor Motion Picture Corporation. (See Comstock, Daniel F., assignor.)
Technicolor Motion Picture Corporation. (See Comstock, D. F., and Ball, assignors.)
Technicolor Motion Picture Corporation. (See Wescott, William B., assignor.)
Techno-Chemical Laboratories Limited. (See Testrup, Nils, assignor.)
Techno Service Corporation. (See Haas, Rudolf, assignor.)
Tedesco, Ralph L. (See Brown, C. F., and Tedesco.)
Tedford, Joshua, Chicago, Ill. Garment form. 1,441,953; Jan. 9.
Tedford, William L., Paris, France. Chafing plate. 1,471,425; Oct. 23.
Tedman, Hudson A., Galesburg, assignor to Winslow Boiler & Engineering Company, Chicago, Ill. Fuel-oil-control apparatus. 1,456,197; May 22.
Tedman, Hudson A., Galesburg, assignor to Winslow Boiler & Engineering Company, Chicago, Ill. Oil-burning system. 1,456,198; May 22.
Tedman, Hudson A., Galesburg, assignor to Winslow Boiler & Engineering Company, Chicago, Ill. Safety device for oil-burning systems. 1,456,199; May 22.
Tedman, Hudson A., Galesburg, assignor to Winslow Boiler & Enginering Company, Chicago, Ill. Liquid-fuel burner. 1,475,458; Nov. 27.
Teegarden, Chester H., Washington, D. C. Telegraph relay. 1,447,361; Mar. 6.
Teegarden, Raymond C. (See Maupin, D. W., and Teegarden.)
Teeken, Edward, Louisville, Ky. Demountable workbench. 1,458,738; June 12.
Teel, Benjamin F., Fullerton, Calif. Belt replacer. 1,445,607; Feb. 13.
Tee-Lok Shingle Company. (See Harshberger, Norman P., assignor.)
Teeter, Frank W., La Grange, Ill. Porcelain veneer crown and making same. 1,444,436; Feb. 6.
Teetor, Charles N., Hagerstown, Ind. Assembling tool. 1,454,349; May 8.
Teetor, John M. (See Kemper, J. H., Hoffman, and Teetor.)
Teetor, Paul, Lawrence, Kans., assignor to The Jeffery-Dewitt Company, Detroit, Mich. Surfacing material for refractory ware. 1,466,213; Aug. 28.
Teetor, Ralph R., Hagerstown, Ind. Tool for compressing piston rings. 1,454,350; May 8.
Teevin, Andrew P., Detroit, Mich. Disk wheel. 1,471,812; Oct. 23.
Tefft, Floyd J., Chicago, Ill. Towel holder. 1,475,898; Nov. 27.
Tefft, Frederick A., assignor to A. Smilack, Toledo, Ohio. Supporting bar for terminal boxes. 1,464,620; Aug. 14.
Tefft, Ivan D., assignor to The Wahl Company, Chicago, Ill. Fountain pen. 1,446,524; Feb. 27.
Tegeler, Frederick A., La Grange, Ill. Rail-drilling device. 1,445,920; Feb. 20.
Teich, Ernest L., assignor to The American Hardware Corporation, New Britain, Conn. Lock. 1,454,020; May 1.
Teich, Ernest L., assignor to The American Hardware Corporation, New Britain, Conn. Reversible lock. 1,469,829; Oct. 9.
Teillard, Armand L. A., Paris, France. Purifying natural barium sulphate. 1,456,949; May 29.
Teipel, Henry C., Hartford, Wis. Combined puzzle and educational device. 1,459,937; June 26.
Teisen, Theodor, Birmingham, England. Furnace. 1,469,461; Oct. 2.
Teitelbaum, Boris H., assignor to H. M. Koretsky, Brooklyn, N. Y. Depolarizer. 1,459,698; June 19.

Telautograph Corporation. (See Tiffany, George S., assignor.)
Telephone Manufacturing Company, Limited. (See Murray, Robert L., assignor.)
Telfer, Archibald S., Houston, Tex. Centrifugal pump. 1,474,454; Nov. 20.
Tell, Karl G., Highland Park, Mich. Adjustable wrench. 1,456,290; May 22.
Teller, Spencer J., Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Means for and method of shaping blanks. 1,478,685; Dec. 25.
Teller, Spencer J., Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Metal-cutting machine. 1,478,686; Dec. 25.
Telleson, Alexander, and W. W. Warnock, Castor, Alberta, Canada. Auxiliary spring device for vehicles. 1,473,589; Nov. 6.
Telleson, Edward, Binghamton, N. Y. Wheel mount. 1,468,680; Sept. 25.
Temco Electric Motor Company, The. (See Toulmin, Harry A., jr., assignor.)
Temperli, Eduard H., El Cerrito, Calif. Combination square. 1,474,652; Nov. 20.
Temple, Elizabeth A. (See Temple, Thomas I., and E. A.)
Temple, Elmer E., Columbus, Ohio. Name plate for use on automobiles. Des. 61,838; Jan. 23.
Temple, Frank J., Decatur, Ill. Shaker mechanism for mill machinery. 1,463,930; Aug. 7.
Temple, Frank J., assignor to Union Iron Works, Decatur, Ill. Snapped-corn separator. 1,462,428; July 17.
Temple, Thomas I. and E. A., Medford, Oreg. Signal. 1,468,763; Sept. 25.
Temple, William C., Munson, Fla. Reenforced-concrete railroad tie. 1,466,003; Aug. 28.
Templeton, Jones T., assignor to Buck's Stove & Range Company, St. Louis, Mo. Combination gas and electric stove. 1,475,608; Nov. 27.
Templeton, Walter B., Chicago, Ill. Jack. 1,477,298; Dec. 11.
Tenbrook, George H. (See Brann, H. H., and Tenbrook.)
Tendrich, Jacob. (See Raab, J., and Tendrich.)
Tener, Stephen W., East Cleveland, Ohio. Safety pliers. 1,444,044; Feb. 6.
Tenerowicz, Peter, Milwaukee, Wis. Milk and mail receptacle. 1,476,933; Dec. 11.
Ten Eyck, Otto W. (See Trowbridge, A. B., and Ten Eyck.)
Tennant, Harold M., San Jose, Calif. Comfort grip. 1,469,125; Sept. 25.
Tennant, Margaret M., Wyoming, Pa. Ice-cream-stand guard. 1,446,997; Feb. 27.
Tenneson, Henry M., Galesburg, N. Dak. Grain-car door. 1,461,839; July 17.
Tenney, Dwight, Philadelphia, Pa., and W. D. Walsh, Brooklyn, N. Y., assignors to The Franklin Baker Company, Philadelphia, Pa. Coconut-husking machine. 1,475,459; Nov. 27.
Tenney, John, jr., Plainfield, assignor to Howe Rubber Corporation, New Brunswick, N. J. Tire. Des. 62,593; June 26.
Tennis, Joseph P., Seattle, Wash. Safety appliance. 1,469,462; Oct. 2.
Tepfer, Harry, New York, N. Y. Loop for a lighting fixture. Des. 62,871; Aug. 14.
Tepfer, Harry, New York, N. Y. Arm for a lighting fixture. Des. 62,872; Aug. 14.
Tepfer, Harry, New York, N. Y. Arm for a lighting fixture. Des. 62,873; Aug. 14.
Tepper, Solomon E., et al. (See Storch, Samuel, assignor.)
Ter Cock, Chris, Baarn, Netherlands. Clutch. 1,475,470; Nov. 27.
Terhaar, Louis P., assignor of one-third to H. Kutscher, New York, N. Y. Unchangeable motor number. 1,477,466; Dec. 11.
Terheide, Henry P., Anderson, Ind. Hose clamp. 1,445,568; Feb. 13.
Terhune, Howard, Massillon, Ohio. Drop hammer. 1,441,716; Jan. 9.
Terhune, Howard, East Cleveland, assignor to The Kilby Manufacturing Company, Cleveland, Ohio. Drop hammer. 1,440,707; Jan. 2.
Terhune, Leonard B. (See Loomis, E. G., and Terhune.)
Terhune, Richard A., Fairhaven, Mass., assignor, by mesne assignments, to C. Gaschott, Corona, N. Y. Acidizing rubber waste. 1,450,462; Apr. 3.
Terlinden, Richard W., assignor to Wilh. Schaumans Tarso Aktiebolag, Jyvaskyla, Finland. Producing imitations of valuable woods and inlaid work on wood by the aid of transfer work. 1,464,144; Aug. 7.
Ternes, Henry, Albion, Nebr. Stock waterer. 1,452,325; Apr. 17.
Ternstedt Manufacturing Company. (See Andersen, Andrew C., assignor.)
Ternstedt Manufacturing Company. (See Andersen, A. C., Archer, and Seiler, assignors.)
Ternstedt Manufacturing Company. (See Edgar, F. M., and Archer, assignors.)
Ternstedt Manufacturing Company. (See Heintz, Ernest E., assignor.)
Ternstedt Manufacturing Co. (See Reese, Curtis J., assignor.)
Terpening, Milton H. (See Gray, L. M., and Terpening.)
Terrell, Daniel L. (See Terrell, Isaac H. and D. L.)
Terrell, Edgar A., Charlotte, N. C. Bobbin cleaner. 1,451,239; Apr. 10.
Terrell, Isaac H. and D. L., Kent, Ohio. Multiple-fuse plug. 1,475,200; Nov. 27.
Terrell, John. (See Vaughan, J. B., and Terrell.)
Terrey, Arthur, Hayes, England. Rotary printing press. 1,451,721; Apr. 17.
Terroine, Joseph, New York, N. Y. Implement for compressing the valve springs of internal-combustion engines. 1,468,526; Sept. 18.
Terry, Charles, Redditch, England. Expansible wire bracelet, armlet, garter, and the like. 1,440,647; Jan. 2.
Terry, Charles W., assignor to Service Station Supply Company, Detroit, Mich. Battery-testing instrument. 1,464,514; Aug. 14.
Terry, Edwin A., Clinton, Ill. Amusement device. 1,445,369; Feb. 13.
Terry, George O., assignor to Economy Shoe Machinery Company, Minneapolis, Minn. Clutch mechanism. 1,442,106; Jan. 16.
Terry, George W., Nashville, Tenn. Dust cap. 1,462,394; July 17.
Terry McCluskey Auto Lock Company. (See Terry, Samuel L., assignor.)
Terry, Samuel L., Chicago, Ill., assignor, by mesne assignments, to Terry McCluskey Auto Lock Company. Lock. 1,453,115; Apr. 24.
Terry, Willard B., Salt Lake City, Utah. Vehicle lock. 1,440,945; Jan. 2.
Terry, Willard B., Salt Lake City, Utah. Antiskid chain. 1,455,178; May 15.
Terryberry, Austin, Duluth, Minn. Sectional fire grate. 1,458,669; June 12.
Terzaghi, Giulio, Turin, Italy. Semielliptical spring. 1,458,786; June 12.
Terziev, George N. (See Sundstrom C., and Terziev.)
Teselsky, Alex P., Ruso, N. Dak. Pliers. 1,450,875; Apr. 3.
Teshima, Masakichi, Tokyo, Japan. Medical appliance of suction type. 1,444,714; Feb. 6.
Tesoro, Rutilio, Houston, Tex. Crank for internal-combustion motors. 1,467,016; Sept. 4.
Tessier, Julien, assignor to Eastman Kodak Company, Rochester, N. Y. Operating handle for motion picture cameras. 1,469,830; Oct. 9.
Tessmer, John A., Worcester, Mass. Hypodermic syringe. 1,453,418; May 1.
Test, Ellis W., Michigan City, Ind., assignor to The Pullman Company, Chicago, Ill. Car door. 1,444,987; Feb. 13.
Testa, Joseph, East Boston, Mass. Tide motor. 1,458,372; June 12.
Testa, Vincenzo D., Akron, Ohio. Door-fastening device. 1,472,698; Oct. 30.
Testrup, Nils, assignor to Techno-Chemical Laboratories Limited, Westminster, London, England. Manufacture of china clay. 1,446,949; Feb. 27.
Teter, Daniel P., et al. (See Nelson, Otto, assignor.)
Tetley, Charles E., assignor to J. A. Finley, Pittsburgh, Pa. Collecting and separating apparatus. 1,448,606; Mar. 13.
Tetlow, George F. (See Gething, Enoch, assignor.)
Tevander, Olof N., assignor to Standard Cap & Steel Corporation, Chicago, Ill. Impregnating apparatus. 1,469,737; Oct. 2.
Tevander, Swan N., Maywood, Ill. Cap for cans made of metal or other material. 1,446,672; Feb. 27.
Teves, Frederick W., East Elmhurst, assignor of one-half to A. H. Green, New York, N. Y. Speed regulator for automobiles. 1,453,368; May 1.
Teves, Frederick W., East Elmhurst, assignor of one-half to A. H. Green, New York, N. Y. Speed regulator for automobiles. 1,453,369; May 1.
Tew, James D., Hudson, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Prolonging the life of expansible vulcanizing cores. 1,452,326; Apr. 17.
Tew, James D., Hudson, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Pneumatic tire. Des. 63,115; Oct. 2.
Tew, William W., Banks, Ala. Vehicle wheel. 1,465,193; Aug. 14.
Texas Company. (See Gatchell, Frederick D., assignor.)
Texas Company, The. (See Adams, Joseph H., assignor.)
Texas Company, The. (See Claypoole, Walter, assignor.)
Texas Company, The. (See Collins, George B., asignor.)
Texas Company, The. (See Drake, Rollin L., assignor.)
Texas Company, The. (See Fantz, Fred C., assignor.)
Texas Company, The. (See Gallsworthy, Benjamin, assignor.)
Texas Company, The. (See Hall, Frank W., assignor.)
Texas Company, The. (See Hawkins, Clement C., assignor.)
Texas Company, The. (See Manley, Frederick T., assignor.)
Texas Company, The. (See Rowland, George R., assignor.)
Texas Company, The. (See Van Gundy, Morris C., assignor.)
Texas Company, The. (See White, George D., assignor.)
Texas Gulf Sulphur Company. (See Davis, Harold S., assignor.)

Alphabetical list of patentees—Continued.

Texas Gulf Sulphur Company. (See Kobbé, William H., assignor.)
Texas Gulf Sulphur Company. (See Stewart, Robert H., assignor.)
Texas Pump & Supply Company. (See Humason, Granville A., assignor.)
Texas Reclaim Oil Association. (See Bashara, S. F., and Paggi, assignors.)
Texhoma Oil & Refining Company, The. (See Berlien, Corwin M., assignor.)
Textile Engineering Company. (See Hale, Joshua B., assignor.)
Textile, Leather & Metal Preserver Co. (See Shaffer, Clarence D., assignor.)
Textile Machine Works. (See Staub, Herman, assignor.)
Textile Products Manufacturing Company. (See Meyer, Adolph E., assignor.)
Textile Rubber Co. (See Murphy, Patrick A., assignor.)
Thacher, George H., jr., North Providence, R. I. Stoker. 1,453,482; May 1.
Thacher, George H., jr., North Providence, R. I. Stoker. 1,453,483; May 1.
Thacher, George H., jr., North Providence, R. I. Stoker grate. 1,453,484; May 1.
Thacher, John J., Wethersfield, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Lathe chuck. 1,446,075; Feb. 20.
Thacher, John J., Wethersfield, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Lathe chuck. Re15,643; July 3.
Thacher, John J., Wethersfield, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Profiling machine. 1,466,811; Sept. 4.
Thacher, John J., Wethersfield, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Drill-lubricating pump. 1,469,368; Oct. 2.
Thacher, Sheldon P., Freehold, N. J., assignor to Morgan & Wright. Stone guard for dual pneumatic tires. 1,465,697; Aug. 21.
Thackray, George E. (See Sage, R. V., and Thackray.)
Thackray, George E., Westmont Borough, Pa. Cooling bed. 1,441,042; Jan. 2.
Thackray, George E., Westmont Borough, Pa. Reenforcement for concrete. 1,443,154; Jan. 23.
Thal & Bitter Co., The. (See Bitter, Reuben H., assignor.)
Thalhammer, Karl W., Los Angeles, Calif. Dissolve mechanism for cameras. 1,468,091; Sept. 18.
Thalheimer, Joseph, Sunman, Ind. File. 1,447,910; Mar. 6.
Thalken, Frank R., Coney Island, Brooklyn, N. Y. Portable jumping tree. 1,470,403; Oct. 9.
Thallmayer, Ludwig, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Gesellschaft mit beschrankter Haftung, Siemensstadt, near Berlin, Germany. Reversing gear. 1,463,638; July 31.
Thallmayer, Ludwig, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Gesellschaft mit beschränkter Haftung, Siemensstadt, near Berlin, Germany. Balancing of the weight of ropes. 1,470,780; Oct. 16.
Thum, Howard A., and R. J. Weaver, Akron, Ohio. Clothesline holder and tightener. 1,453,027; Apr. 24.
Thamm, Paul, assignor to S. Whyle Merritt Co. Inc., New York, N. Y. Electric light and power plant. 1,459,563; June 19.
Tharp, Lee, Burlington, Iowa. Valved piston. 1,472,947; Nov. 6.
Thatcher, Emerson B., Marine City, Mich. Water separator for air tanks. 1,452,447; Apr. 17.
Thatcher, Harry S., assignor to The Celite Company, Los Angeles, Calif. Filtration. 1,477,394; Dec. 11.
Thatcher, J. H. (See Miller, Jesse P., assignor.)
Thatcher, Martin F. (See Wikel, H. S., and Thatcher.)
Thatcher, Martin F., York, Pa. Feed-mixing machine. 1,457,325; June 5.
Thauss, Alfred, Dentz, near Cologne, and A. Günther, Cologne, assignors to Farbenfabriken vorm. Friedr. Bayer and Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Sulphurized compound of phenols. 1,450,463; Apr. 3.
Thayer, Allan A. (See Kettle, A. W., and Thayer.)
Thayer, Henry E., Portland, Oreg. Vehicle signal. 1,450,993; Apr. 10.
Theakston, Joseph, Regina, Saskatchewan, Canada. Sheave shocker. 1,443,293; Jan. 23.
Thebaut, William M. (See Stoner, F., and Aitken, assignors.)
Theberath, Joseph C., Cleveland, Ohio. Rim tool. 1,472,571; Oct. 30.
Thee, Andreas, Wurzburg, Germany. Building block or slab. 1,446,358; Feb. 20.
Theimer, Eugene, Newark, N. J., assignor, by mesne assignments, to R. F. Steward, Washington, D. C. Preparing alkyl derivatives of organic compounds. 1,475,522; Nov. 27.
Theis, John P., assignor of forty-nine one-hundredths to N. J. Uselding, Chicago, Ill. Combination number reflector and hall light. 1,448,881; Mar. 20.
Theis, John P., assignor of forty-nine one-hundredths to N. J. Uselding, Chicago, Ill. Number reflector. 1,448,882; Mar. 20.
Theis, Lula. (See Lemm, Leo, assignor.)
Theis, Raymon R. (See Andrews, L. G., and Theis.)
Theisen, Franz. (See Theisen, Peter and F.)
Theisen, John B., Allenton, Wis. Roller attachment for tractors. 1,447,697; Mar. 6.
Theisen, Peter and F., Elberfeld, Germany. Vehicle wheel with pneumatic tire. 1,441,134; Jan. 2.
Theiss, Mary E., Warrensburg, Mo. Emblem holder for automobile fenders. 1,463,409; July 31.
Thelen, Rolf. (See Tiemann, H. D., and Thelen.)
Thelen, Rolf, Madison, Wis., dedicated, by mesne assignments, to the Citizens of the United States of America. Reversible circulation internal fan kiln. 1,466,518; Aug. 28.
Thelen, Rolf, and H. D. Tiemann, Madison, Wis., dedicated, by mesne assignments, to the People of the United States of America. Reversing blower kiln. 1,468,932; Sept. 25.
Thelin, Erick B., et al. (See Peterson, Earl W., assignor.)
Theriot, Clay; Houma, La. Trap. 1,447,525; Mar. 6.
"Therma," Fabrik für elektrische Heizung A.-G. (See Habicht, Franz P., assignor.)
Thermoid Rubber Company. (See Pardoe, William D., assignor.)
Thermoid Rubber Company. (See Stokes, Robert J., assignor.)
Thermokept Products Corporation. (See Willison, Walter W., assignor.)
Theroz Company, The. (See Popper, Isaac C., assignor.)
Therrien, Hubert, Montreal, Quebec, Canada. Artificial hand. 1,474,301; Nov. 13.
Thetford, Samuel L., Boligee, Ala. Harvester. 1,448,319; Mar. 13.
Thevenot, Gaston D., New York, N. Y. Making vegetable milk. 1,444,812; Feb. 13.
Thew, Charlton. (See Paterson, G., and Thew.)
Thew Shovel Company, The. (See Harris, Hollis H., assignor.)
Thew Shovel Company, The. (See Weber, Charles A., assignor.)
Thexton, Henry A., assignor to Thexton Manufacturing Company, Minneapolis, Minn. Door latch and lock. 1,453,556; May 1.
Thexton Manufacturing Company. (See Thexton, Henry A., assignor.)
Thibault, Alfred J. and R. R., Claremont, N. H. Spade. 1,475,899; Nov. 27.
Thibault, Raoul R. (See Thibault, Alfred J. and R. R.)
Thibodeaux, Stanley J. (See Raulerson, Harmon L., assignor.)
Thiedge, William. (See Peters, F., and Thiedge.)
Thiehoff, J. R., et al. (See Matter, Gustave O., assignor.)
Thiel, Charles P. R., assignor to Davis & Furber Machine Company, North Andover, Mass. Cone duster. 1,459,938; June 26.
Thiel, Ignatius L., Derrick City, Pa. Chain hook. 1,458,086; June 5.
Thiele, Adolph A., Omaha, Nebr., assignor to American Smelting and Refining Company, New York, N. Y. Power-driven lead truck. 1,465,457; Aug. 21.
Thiele, Byron W. (See Gibbs, R. H., and Thiele.)
Thiele, Eitel W., Hoxter-on-the-Weser, Germany. Molding press. 1,451,378; Apr. 10.
Thiele, Rudolf, Hoxter-on-the-Weser, Germany. Continuous furnace for burning cement and the like. 1,451,379; Apr. 10.
Thiell, William C., Baltimore, Md. Automobile lock. Re15,542; Feb. 13.
Thielman, Jack. (See Scher, Dave, assignor.)
Thiemer, William H., assignor to The Paragon Machine Tool & Manufacturing Company, Cleveland, Ohio. Universal joint. 1,440,648; Jan. 2.
Thiemer, William H., assignor to The Peters Machine and Manufacturing Company. Universal joint. 1,443,969; Feb. 6.
Thierjung, Mathew, assignor of one-half to V. Bika, Cleveland, Ohio. Child's safety crib blanket. 1,474,738; Nov. 20.
Thimens, Ralph R., et al. (See Pendleton, Oscar G., assignor.)
Thimgren, Edward, Popotla, Mexico. Cigarette case. 1,467,627; Sept. 11.
Thimgren, Edward, Popotla, Mexico. Combined cane and telescope. 1,473,527; Nov. 6.
Thimgren, Edward, Popotla, Mexico. Pistol. 1,475,037; Nov. 20.
Thiriot, André G., Chalons-sur-Marne, France. Casing for typewriting machines. 1,471,757; Oct. 23.
Thoens, Burchard, New York, N. Y. Rotary pump. 1,465,881; Aug. 21.
Thoens, Burchard, New York, N. Y., assignor of one-half to E. J. Métérie, East Orange, N. J. Filtering apparatus. 1,477,986; Dec. 18.
Thofehrn, Herman G. C., deceased, Roselle Park, N. J., D. H. McLean, administrator. Metallurgical process. 1,460,830; July 3.
Thoke, Albert R., Pittsburgh, and H. G. Smith, Wilkinsburg, Pa. Threading tool. 1,457,409; June 5.
Thole, Ferdinand B. (See Dunstan, A. E., and Thole.)
Thole, George R., Chicago, Ill. Foot rest. 1,474,950; Nov. 20.
Thom, James C. (See Peterson, J., and Thom.)

Thom, James C., Chicago, Ill., assignor to Combination Machine Company, New York, N. Y. Mechanism for applying box covers. 1,446,359; Feb. 20.
Thom, James C., Chicago, Ill., assignor to Combination Machine Company, New York, N. Y. Package and making same. 1,449,073; Mar. 20.
Thom, James C., Chicago, Ill., assignor to Combination Machine Company, New York, N. Y. Method and apparatus for sealing cartons. 1,468,333; Sept. 18.
Thoma, Andrew, Cambridge, assignor to A. Sydeman, Boston, Mass. Doubling spreader. 1,462,154; July 17.
Thoma, Anton J., Cincinnati, Ohio, and A. Eklund, Attleboro, Mass., assignors to General Chain Company, Providence, R. I. Identification-tag chain. 1,477,729; Dec. 18.
Thomall, Timothy V., assignor to Milk Bottle Crate Company, Chicago, Ill. Bottle crate. 1,446,673; Feb. 27.
Thomas, Albert B. (See Hart, Francis M., assignor.)
Thomas, Albert G., Lynchburg, Va. Mechanism for removing carbon from cylinders of internal-combustion engines. 1,473,688; Nov. 13.
Thomas, Alfred, et al. (See Le Boeuf, Arthur W., assignor.)
Thomas, Arthur, Bailey, Mich., assignor to Triumph Trap Co., Inc., Oneida, N. Y. Trap placer. 1,453,812; May 1.
Thomas, Arvine N., Canton, Ohio. Filing-case drawer suspension. 1,454,494; May 8.
Thomas, August, Berlin-Schoneberg, assignor to Deutsche Werke Aktiengesellschaft, Berlin, Germany. Mechanism for grinding crank shafts. 1,467,402; Sept. 11.
Thomas Auto Traffic Signal Company. (See Thomas, William, jr., assignor.)
Thomas, Avery H., Houston, Tex. Elevator. 1,454,193; May 8.
Thomas, Avery H., assignor to Houston Pump & Supply Company, Houston, Tex. Elevator. 1,454,194; May 8.
Thomas & Betts Co., The. (See Church, L. H., and Thomas, assignors.)
Thomas & Betts Co., The. (See Thomas, George C., jr., assignor.)
Thomas, Bruno, Vienna, Austria. Recovering the precious metals from fixing solutions used in photography and of regenerating the fixing agent. 1,446,405; Feb. 20.
Thomas & Buckley Hoisting Co. (See Cosulich, Matteo, assignor.)
Thomas, Charles E. (See Kyser, G. E., and Thomas.)
Thomas, Charles P., et al. (See Arian, Edward D., assignor.)
Thomas, Charles T., Stanley, N. C. Oil shield for ring rails. 1,444,813; Feb. 13.
Thomas, Charles W., Cleveland, Ohio. Drawing pen. 1,452,576; Apr. 24.
Thomas, Clay O., Colorado Springs, Colo. Apparatus-carrying attachment for tractors. 1,447,823; Mar. 6.
Thomas. Daniel, Youngstown, Ohio. Belt for brake wheels. 1,446,862; Feb. 27.
Thomas, Daniel J., Youngstown, Ohio. Telescopic non-breakable and flexible wedge bolt. 1,469,126; Sept. 25.
Thomas Day Company. (See Goddard, Wilfred B., assignor.)
Thomas, Dwight R., et al. (See Ashley, Erle G, assignor.)
Thomas, Edward, East Chicago, Ind. Automobile alarm signal. 1,454,141; May 8.
Thomas, Edward, assignor to Underwood Typewriter Company, New York, N. Y. Ledger sheet. 1,458,253; June 12.
Thomas, Edward G., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 1,453,370; May 1.
Thomas, Edward G., assignor to Toledo Scale Company, Toledo, Ohio. Dashpot. 1,453,733; May 1.
Thomas, Edward G., assignor to Toledo Scale Company, Toledo, Ohio. Recording scale. 1,463,450; July 31.
Thomas, Edwin E., Portland, Oreg., assignor to W. I. Chidester. Nut-locking device. 1,445,111; Feb. 13.
Thomas, Edwin E., assignor to W. I. Chidester, Portland, Oreg. Nut lock. 1,447,578; Mar. 6.
Thomas, Edwin E., assignor to W. I. Chidester, Portland, Oreg. Garden-hose support. 1,447,579; Mar. 6.
Thomas, Emory M., Buckner, Mo. Gasoline gun. 1,463,518; July 31.
Thomas, Felix. (See Wollner, E., and Thomas.)
Thomas, Ferdinand, New York, N. Y. Automobile tire tool. 1,476,475; Dec. 4.
Thomas Flexible Coupling Company. (See Thomas, Millward T., assignor.)
Thomas, Frank O., La Crosse, Wis. Safety-razor-blade stropper. 1,466,605; Aug. 28.
Thomas, Fred S. (See Malsbary, Harry R., assginor.)
Thomas, Frederick, Philadelphia, Pa. Creasing machine. 1,452,536; Apr. 24.
Thomas, Frederick, Philadelphia, Pa. Arm for creasing and like machines. 1,466,860; Sept. 4.
Thomas, George, Chelsea, England. Folding push car. 1,450,193; Apr. 3.
Thomas, George B., assignor to The Bryant Electric Company, Bridgeport, Conn. Lamp receptacle. 1,442,013; Jan. 9.
Thomas, George B., assignor to The Bryant Electric Company, Bridgeport, Conn. Clamp for binding screws and the like. 1,449,460; Mar. 27.
Thomas, George B., assignor to The Bryant Electric Company, Bridgeport, Conn. Panel cut-out block. 1,475,900; Nov. 27.
Thomas, George C., jr. (See Church, L. H., and Thomas.)
Thomas, George C., jr., assignor to The Thomas & Betts Co., Elizabeth, N. J. Fitting for electrical conduits, cables, and the like. 1,448,367; Mar. 13.
Thomas, George C., jr., assignor to The Thomas & Betts Co., Elizabeth, N. J. Connecting device for electrical conduits, cables, and the like. 1,475,524; Nov. 27.
Thomas, George H., Westfield, N. Y. Flexible coupling. 1,454,087; May 8.
Thomas, George J., Lansing, Mich. Brake. 1,457,048; May 29.
Thomas, George W., Williamstown Beach, Victoria, Australia. Ship construction. 1,442,744; Jan. 16.
Thomas, Harry D., Elgin, Ill. Vehicle locking device. 1,443,662; Jan. 30.
Thomas, Harry J., Greensboro, N. C. Car rerailer. 1,466,035; Aug. 28.
Thomas, Harry L., Philadelphia, Pa. Combination screen and ventilator. 1,465,722; Aug. 21.
Thomas, Haynes L., Brunswick, Ga. Saw set. 1,453,958; May 1.
Thomas, Henry, Cleveland, Ohio. Refining iron and steel. 1,453,734; May 1.
Thomas, Henry, Cleveland, Ohio. Method of and flux for refining brass. 1,454,351; May 8.
Thomas, Horace T., Lansing, Mich. Panel adjustment for inclosed motor vehicles. 1,450,394; Apr. 3.
Thomas, Horace T., Lansing, Mich. Muffler for internal-combustion engines. 1,454,986; May 15.
Thomas, Horace T., Lansing, Mich. Apparatus for finishing upholstering. 1,457,197; May 29.
Thomas, Horace T., Lansing, Mich. Transmission gearing for automobiles. 1,472,285; Oct. 30.
Thomas, Horace T., Lansing, Mich. Piston. 1,473,061; Nov. 6.
Thomas, Howard C., North Attleboro, Mass. Desk novelty. 1,444,012; Feb. 6.
Thomas, Ivor D., Cleveland Heights, assignor to The Wellman-Seaver-Morgan Company, Cleveland, Ohio. Safety catch for cranes and the like. 1,442,194; Jan. 16.
Thomas, Ivor D., and P. H. Douglas, Cleveland Heights, assignors to The Wellman-Seaver-Morgan Company, Cleveland, Ohio. Manipulator. 1,475,728; Nov. 27.
Thomas, J. A. (See Kyser, G. E., and Thomas, assignors.)
Thomas, Jacob A. and R. S., Washington, D. C. Sanitary suction for artificial dentures. 1,441,384; Jan. 9.
Thomas, James F., Montreal, Quebec, Canada. Power-generating mechanism. 1,441,135; Jan. 2.
Thomas, James F., Clarinda, Iowa. Bust developer. 1472,234; Oct. 30.
Thomas, James O., Vancouver, British Columbia, Canada. Ore concentrator. 1,444,485; Feb. 6.
Thomas, John E., Brooklyn, N. Y. Feathering propeller. 1,450,159; Mar. 27.
Thomas, John G. P., Preston, England. Clutch and brake control on road vehicles. 1,441,545; Jan. 9.
Thomas, John P., jr. (See Lippis, John, assignor.)
Thomas, Joseph, Aberdeen, Wash. Last for shoes and sandals. 1,451,635; Apr. 10.
Thomas, Joseph, Aberdeen, Wash. Roasting furnace. 1,454,798; May 8.
Thomas, Joseph C., Akron, Ohio. Display apparatus. 1,464,515; Aug. 14.
Thomas Manufacturing Company, The. (See Pelton, C. H., and Rhoderick, assignors.)
Thomas, Millward T., Troy, assignor to Thomas Flexible Coupling Company, Erie, Pa. Flexible shaft coupling. Re15,672; Aug. 14.
Thomas-Morse Aircraft Corporation. (See Thomas, William T., assignor.)
Thomas, Nathen D., Jacksonville, Fla. Scarifier. 1,453,208; Apr. 24.
Thomas, Orin M., Oakland, Calif. Spat or overgaiter. Des. 62,925; Aug. 21.
Thomas, Oscar A., Oxnard, Calif. Beet puller. 1,462,948; July 24.
Thomas, Owen. (See Foster, H. J., and Thomas.)
Thomas, Owen, assignor to The Hydraulic Pressed Steel Company, Cleveland, Ohio. Bung for barrels. 1,467,698; Sept. 11.
Thomas, Owen, assignor to The Hydraulic Pressed Steel Company, Cleveland, Ohio. Barrel chime. 1,478,360; Dec. 18.
Thomas, Paul R., Berkeley, Calif. Brush holder. 1,453,959; May 1.
Thomas, Phillips, Edgewood Park, Pa., assignor to Westinghouse Electric and Manufacturing Company. Rolled condenser. 1,470,781; Oct. 16.
Thomas, R., & Sons, Co., The. (See Buckley, Lorenzo C., assignor.)
Thomas, R., & Sons Co., The. (See Eckert, Grandon E., assignor.)
Thomas, R., & Sons Company, The. (See Marvin, Richard H., assignor.)
Thomas, R., & Sons Company, The. (See Mason, A. G., and Buckley, assignors.)
Thomas, Richard K., Vicksburg, Miss. Rolls for tensioning, leveling, and straightening band saws. 1,462,836; July 24.

Alphabetical list of patentees—Continued.

Thomas, Robert S. (See Thomas, Jacob A., and R. S.)
Thomas, Solon G., and R. E Kight, Cordell, Okla. Vending machine. 1,455,154; May 15.
Thomas Spark Plug Company. (See Thomas, William S., assignor.)
Thomas, Stephen J., Youngstown, Ohio. Stop signal and rear light. 1,474,739; Nov. 20.
Thomas, Stephen J., Youngstown, Ohio. Tail light and stop signal. 1,474,740; Nov. 20.
Thomas, Stephen S., New Orleans, La. Stove and the like. 1,444,013; Feb. 6.
Thomas, Tallie G., Waterloo, Iowa. Billboard construction. 1,447,159; Feb. 27.
Thomas, Thomas A., Amherstdale, W. Va. Trolley-wire cut-out switch. 1,460,288; June 26.
Thomas, Thomas H., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electropneumatic brake. 1,440,421; Jan. 2.
Thomas, Thomas H., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid-pressure brake device. 1,440,422; Jan. 2.
Thomas, Thomas H., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake-valve device. 1,454,569; May 8.
Thomas, Thomas H., Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automatic train-control device. 1,454,570; May 8.
Thomas, Thomas H., Edgewood, assignor to Westinghouse Air Brake Compay, Wilmerding, Pa. Fluid-pressure brake. 1,463,026; July 24.
Thomas, Thomas H., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid-pressure brake equipment. 1,471,073; Oct. 16.
Thomas, Thomas H., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Load-brake device. 1,472,100; Oct. 30.
Thomas, Victor W., Waukegan, Ill. Timer elevator for Ford cars. 1,460,806; July 3.
Thomas, Walter F., St. Helens, Isle of Wight, England. Internal-combustion engine. 1,456,655; May 29.
Thomas, Walter H., Spencer, Iowa. Foot accelerator for motor vehicles. 1,443,510; Jan. 30.
Thomas, Webber W., executrix. (See Thomas, Winthrop G.)
Thomas, William, jr., Los Angeles, Calif. Automobile signal. Des. 63,595; Dec. 18.
Thomas, William, jr., assignor to Thomas Auto Traffic Signal Company, Los Angeles, Calif. Traffic signal. Des. 62,429; May 22.
Thomas, William G., Victoria, Va. Babbitting and brassing machine. 1,452,819; Apr. 24.
Thomas, William I., New York, N. Y., assignor to Kinesthetic Process Co., Inc. Balanced golf ball. 1,470,302; Oct. 9.
Thomas, William S., Linden, assignor to Thomas Spark Plug Company, Roselle Park, N. J. Spark plug. 1,464,121; Aug. 7.
Thomas, William T., assignor of one-tenth to Thomas-Morse Aircraft Corporation, Ithaca, N. Y. Clip for airplane construction. 1,443,155; Jan. 23.
Thomas, Winthrop G., deceased, New York, N. Y., W. W. Thomas, executrix. Motor control. 1,441,310; Jan. 9.
Thomas, Wion P., Carlton, N. Y. Fruit elevator. 1,457,562; June 5.
Thomason, Charles G., Birmingham, England. Wind screen for motor vehicles. 1,441,043; Jan. 2.
Thomason, Mathew, Walla Walla, Wash. Self-cleaning weeder. 1,444,572; Feb. 6.
Thomason, Orie L. (See Hoover, C. F., and Thomason.)
Thompson, Albert R., assignor to Anderson-Barngrover Mfg. Co., San Jose, Calif. Feed device for fruit-pitting machines. 1,448,472; Mar. 13.
Thompson, Albert R., assignor to Anderson-Barngrover Mfg. Co., San Jose, Calif. Machine for treating canned goods. 1,467,561; Sept. 11.
Thompson, Albert R., assignor to Anderson-Barngrover Mfg. Co., San Jose, Calif. Cooking and cooling apparatus. 1,467,960; Sept. 11.
Thompson, Alexander M., Belleville, Ala. Oil indicator for vehicles. 1,447,824; Mar. 6.
Thompson, Allison J., Cleveland, Ohio. Lamp hanger. 1,473,713; Nov. 13.
Thompson, Alonzo, Philadelphia, Pa. Correspondence folder. 1,473,747; Nov. 13.
Thompson, Arthur B., Seattle, Wash. Clutch-operating device. 1,461,256; July 10.
Thompson, Arthur B., Missoula, Mont. Toy gun. 1,461,257; July 10.
Thompson, Arthur E., Utica, N. Y., assignor to Union Special Machine Company, Chicago, Ill. Power-transmitting device. 1,460,622; July 3.
Thompson, Carey W., Denver, Colo. Apparatus for distilling hydrocarbons. 1,475,901; Nov. 27.
Thompson, Charles, Hamilton, Ontario, Canada. Direction signal for automobiles. 1,451,795; Apr. 17.
Thompson, Charles F., Greensboro, N. C. Rail brace. 1,442,014; Jan. 9.
Thompson, Charles W. (See Davison, Maggie T., and Thompson.)
Thompson, Charles W., Quincy, assignor of one-half to E. J. Tucker, Malden, Mass. Preserving receptacle. 1,441,641; Jan. 9.
Thompson, Clarence. (See Phillips, A. Y., and Thompson.)
Thompson, Clarance W., assignor to Thompson Spring Company, Wilmington, Del. Vehicle spring. 1,450,654; Apr. 3.
Thompson, Clarance W., assignor to Thompson Spring Company, Wilmington, Del. Vehicle spring. 1,450,655; Apr. 3.
Thompson, Clarance W., assignor to Thompson Spring Company, Wilmington, Del. Support for vehicle springs. 1,452,448; Apr. 17.
Thompson, Clarence L., Elmhurst, assignor to L. B. Koch, New York, N. Y. Cinematographic projector. 1,470,404; Oct. 9.
Thompson, Corliss V., Carlton, Minn. Blackboard-eraser cleaner. 1,475,523; Nov. 27.
Thompson, Dean H., Lodi, Calif. Pump. 1,460,988; July 8.
Thompson, Don N., Syracuse, assignor to Pass & Seymour Inc., Solvay, N. Y. Snap switch. 1,449,634; Mar. 27.
Thompson, Don N., Syracuse, assignor to Pass & Seymour, Inc., Solvay, N. Y. Electric fitting. 1,470,128; Oct. 9.
Thompson, Earl, New York, N. Y. Chair seat. 1,455,234; May 15.
Thompson, Edwin B., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Flexible gear element. 1,475,902; Nov. 27.
Thompson, Emory A., Hope, Ark. Power-transmission mechanism. 1,466,214; Aug. 28.
Thompson, Ernest H., Cambridge, Mass. Automatic change-making device. 1,449,794; Mar. 27.
Thompson, Ernest S., Porterville, Calif. Air-cleaning device. 1,447,160; Feb. 27.
Thompson, Francis S., Stanley, Ky. Mower. 1,469,546; Oct. 2.
Thompson, Frank A., Detroit, Mich. Fumigating apparatus. 1,468,842; Sept. 25.
Thompson, Fuller W. (See Cartter, W. G., and Thompson.)
Thompson, George. (See Lundell, A. E., and Thompson.)
Thompson, George, New York, N. Y. Gun rest for sportsmen. 1,469,285; Oct. 2.
Thompson, George, New York, N. Y. Bait holder for fishermen. 1,476,230; Dec. 4.
Thompson, George K., Maplewood, N. J., assignor to American Telephone and Telegraph Company. Means for equalizing transmission over lines of different electrical characteristics. 1,459,003; June 19.
Thompson, George K., Maplewood, N. J., assignor to American Telephone and Telegraph Company. Means for equalizing transmission over lines of different electrical characteristics. 1,459,004; June 19.
Thompson, George K., Maplewood, N. J., assignor to American Telephone and Telegraph Company. Means for equalizing transmission over lines of different electrical characteristics. 1,459,005; June 19.
Thompson, George K., Maplewood, N. J., assignor to American Telephone and Telegraph Company. Arrangement for producing complementary visual and audible exhibitions. 1,462,525; July 24.
Thompson, George K., Maplewood, N. J., assignor to American Telephone and Telegraph Company. Telephone-receiver attachment. 1,477,809; Dec. 18.
Thompson, George T., Bremerton, Wash. Toy. 1,444,646; Feb. 6.
Thompson, George W. (See Fenselau, F., and Thompson.)
Thompson, Gustavus W. (See Rice, N. A., Thompson, and Rice.)
Thompson, H. V., et al. (See Thompson, Reid W., assignor.)
Thompson, Harold E. (See Curme, G. O., jr., and Thompson.)
Thompson, Harry E. (See Butler, Robert T., assignor.)
Thompson, Harry H. (See Heise, G. W., and Thompson.)
Thompson, Harry J., assignor to National Fibreform Company, San Francisco, Calif. Fruit carrier. 1,477,921; Dec. 18.
Thompson, Henry B., assignor to L. B. Koch, New York, N. Y. Cinematographic target. 1,474,951; Nov. 20.
Thompson, Henry C., jr., St. Louis, Mo. Storage battery. 1,468,051; Sept. 18.
Thompson, Henry G., Cleveland, Ohio. Handle. 1,446,137; Feb. 20.
Thompson, Henry G., Cleveland, Ohio. Pressed metal wheel. 1,446,138; Feb. 20.
Thompson, Henry G., & Son Company. (See Napier, Charles, assignor.)
Thompson, Herbert A. (See Smith, L. E., Zulver, and Thompson.)
Thompson, Herbert A., North Shields, assignor of one-half to Smith's Dock Company Limited, South Shields, England. Construction of spraying nozzles or atomizers. 1,462,395; July 17.
Thompson, Herbert H., and A. E. Schein, assignors to The Sperry Gyroscope Company, Brooklyn, N. Y. Stabilized ship. 1,475,460; Nov. 27.
Thompson, Herbert L., Elgin, assignor to Burgess-Norton Manufacturing Company, Geneva, Ill. Internal-combustion engine. 1,460,831; July 3.
Thomason, Hjalmar, assignor to Shepard-Thomason Co., Los Angeles, Calif. Vehicle wheel remover. 1,468,334; Sept. 18.

Thompson, Howard A., Pittsburgh, Pa. Electrical heating or resistance unit. 1,476,116; Dec. 4.
Thompson, Howard A., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automatic brake valve. 1,454,525; May 8.
Thompson, James S., Pelham, N. Y., assignor to The American Brake Shoe & Foundry Company, Wilmington, Del. Brake shoe. 1,463,981; Aug. 7.
Thompson, James W., Wichita, Kans. Revolving bread rack. 1,474,302; Nov. 13.
Thompson, John M. and W. H., Buffalo, N. Y. Drain-pipe plug. 1,446,223; Feb. 20.
Thompson, John M. and W. H., Buffalo, N. Y. Adjustable sewer cleaner. 1,446,224; Feb. 20.
Thompson, John S., Chicago, Ill. Savings device and forming same. 1,446,360; Feb. 20.
Thompson, John T., Augusta, Ga. Adjustable saw 1,446,674; Feb. 27.
Thompson, John T., San Francisco, Calif. Optical instrument. 1,455,011; May 15.
Thompson, Lawrence, Syracuse, N. Y., assignor to E. F. Shuster, New Haven, Conn. Wire-straightening machine. 1,473,261; Nov. 6.
Thompson, Lewis I., Portland, Oreg. Vehicle wheel. 1,467,740; Sept. 11.
Thompson, Louis N., Moore, Pa., assignor to Westinghouse Electric and Manufacturing Company. Turbine blading. 1,469,973; Oct. 9.
Thompson, Louis W., Schenectady, N. Y., assignor to General Electric Company. Regulation of electric circuits. 1,441,546; Jan. 9.
Thompson, Louis W., Schenectady, N. Y., assignor to General Electric Company. Pressure governor. 1,442,309; Jan. 16.
Thompson, Louis W., Schenectady, N. Y., assignor to General Electric Company. Time limit, current limit control for electric motors. 1,442,310; Jan. 16.
Thompson, Louis W., Schenectady, N. Y., assignor to General Electric Company. Protective device for polyphase circuits. 7,460,000; June 26.
Thompson, M., et al. (See Mayberry, Thomas A., assignor.)
Thompson, Milton, Roland, Iowa. Funnel for automobiles. 1,459,299; June 19.
Thompson, Milton E., Ridgway, Pa. Magnetic coupling. 1,446,225; Feb. 20.
Thompson, Milton E., Ridgway, Pa. Power-transmission arrangement. 1,452,327; Apr. 17.
Thompson, Nels F., Fort Dodge, Iowa. Automatic feeder. 1,454,352; May 8.
Thompson, Osceola C., White Plains, N. Y., assignor to Wirebounds Patents Company. Machine for use in making boxes. 1,467,278; Sept. 4.
Thompson, Osceola C., Rockaway, N. J., assignor to Wirebounds Patents Company. Making box parts or boxes. 1,472,534; Oct. 30.
Thompson, Osceola C., Rockaway, N. J., assignor to Wirebounds Patents Company. Box and making the same. 1,472,535; Oct. 30.
Thompson, Ralph E., Brookline, assignor to Gillette Safety Razor Company, Boston, Mass. Pile wire. 1,450,525; Apr. 3.
Thomson, Ralph K., Sioux Falls, S. Dak. Automobile curtain. 1,464,549; Aug. 14.
Thompson, Ralph P., Westover, Md. Gearing for drive wheels. 1,468,410; Sept. 18.
Thompson, Ralph S., and C. F. Doscher, New York, N. Y. Vacuum cup. 1,460,927; July 3.
Thompson, Reid W., assignor to H. V. Thompson and R. W. Walls, Turner, Iowa. Measuring device. 1,456,745; May 29.
Thompson, Richard C. (See Allen, G. L., and Thompson.)
Thompson, Riley M., Pendleton, Oreg. Headlight-operating mechanism. 1,471,426; Oct. 23.
Thompson, Robert B. (See Mead, R. P., and Thompson.)
Thompson, Robert D. (See Penrod, J., and Thompson.)
Thompson, Robert J., Harrisburg, Pa., and R. S. Dalton, assignors of one-half to The Cleveland Folding Machine Company, Cleveland, Ohio, and one-half to The W. O. Hickok Manufacturing Company, Harrisburg, Pa. Paper-feeding apparatus. 1,457,094; May 29.
Thompson Spot Welder Company. (See Sander, Jacob C., assignor.)
Thompson Spring Company. (See Thompson, Clarance W., assignor.)
Thompson, Theodore. (See Moecker, H., jr., and Thompson.)
Thompson, Walter V., Los Angeles, Calif. Hose clamp. 1,476,024; Dec. 4.
Thompson, Wilbur R., Franklin Township, Owen County, Ind., assignor of one-half to E. P. Warren, Indianapolis, Ind. Removable beam bottom form hanger and spacer. 1,473,888; Nov. 13.
Thompson, Wilfred, and W. R. Jameson, assignors to Wm. A. Rogers, Limited, Niagara Falls, N. Y. Electroplating apparatus. 1,453,419; May 1.
Thompson, William, assignor of one-third to F. H. Beaman, one-third to O. A. Uthaug, and one-third to F. C. Hendrick, Portland, Oreg. Tire guard. 1,443,059; Jan. 23.
Thompson, William D., assignor to Hutchins Car Roofing Company, Detroit, Mich. Car end. 1,457,916; June 5.
Thompson, William D., and A. R. Wilson, assignors to Hutchins Car Roofing Company, Detroit, Mich. Car-end construction. 1,451,883; July 17.
Thompson, William F. (See McArthur, G., Colpus, Scammell, and Thompson.)
Thompson, William H. (See Thompson, John M. and W. H.)
Thompson, William H., New York, N. Y. Time stamp. 1,457,410; June 5.
Thompson, William H., Burbank, Ohio. Washing machine. 1,458,254; June 12.
Thompson, William H., Minturn, Colo. Filler cap for oil tanks. 1,464,301; Aug. 7.
Thompson, William L., Greenville, Miss. Bucket. 1,464,454; Aug. 7.
Thompson, William M., Meadville, Pa. Pump. 1,478,267; Dec. 18.
Thompson, William W., Fort Wayne, Ind. Clothesline hook. 1,448,473; Mar. 13.
Thompson, Winfield W., Greenbank, W. Va. Hydraulic brake. 1,449,562; Mar. 27.
Thomsen, Peter, Cassel, assignor to Schmidt'sche Heissdampf Gesellschaft m. b. H., Cassel-Wilhelmshohe, Germany. Draft-regulating device. 1,462,499; July 24.
Thomson, Alfred J., Canton, Mass. Cleat. 1,449,461; Mar. 27.
Thomson, Alfred J., Canton, Mass. Clamp. 1,478,268; Dec. 18.
Thomson, Arthur R. (See Phillips, William E. and E. G., and Thomson.)
Thomson, Bernard, Woldingham, England. Construction of wings of aeroplanes, seaplanes, and like aerial machines. 1,472,199; Oct. 30.
Thomson, Claire. (See Abram, Ira M., assignor.)
Thomson, David P. (See Hildebrand, L. E., and Thomson.)
Thomson, Earl L., Dunkirk, Ohio. Distant tractor control. 1,467,658; Sept. 11.
Thomson Electric Welding Company. (See Gravell, James M., assignor.)
Thomson Electric Welding Company. (See Thomson, Elihu, assignor.)
Thomson, Elihu, Swampscott, Mass., assignor to General Electric Company. Crystal formation. 1,450,464; Apr. 3.
Thomson, Elihu, Swampscott, Mass., assignor to General Electric Company. Recording signal. 1,460,083; June 26.
Thomson, Elihu, Swampscott, Mass., assignor to General Electric Company. Electric heater. 1,472,504; Oct. 30.
Thomson, Elihu, Swampscott, assignor to Thomson Electric Welding Company, Lynn, Mass. Chain-link welding. 1,452,942; Apr. 24.
Thomson, Enos E., Cleveland, Ohio. Jack. Re15,609; May 22.
Thomson, George. (See McLennan, W. S., and Thomson.)
Thomson, Harry L., Hartford, Conn. Method of and apparatus for registering the time when record entries are made. 1,465,498; Aug. 21.
Thomson, Henry C., West Roxbury, Mass. Guide card for card indexes. 1,465,499; Aug. 21.
Thomson, Herbert G. (See Ewald, Frederick W., assignor.)
Thomson, Herbert G., New York, N. Y. Topping arm for fenceposts. 1,440,852; Jan. 2.
Thomson, James A., Mildura, Victoria, Australia. Foot-operated accelerator for motor vehicles. 1,471,579; Oct. 23.
Thomson, John, Brooklyn, N. Y. Engine piston. 1,467,255; Sept. 4.
Thomson, John, Brooklyn, N. Y. Engine piston. 1,467,256; Sept. 4.
Thomson, John, Brooklyn, N. Y. Engine piston. 1,467,257; Sept. 4.
Thomson, Judson L., Mfg. Co. (See Havener, Arthur R., assignor.)
Thomson, Mary A., New York, N. Y. Stocking doll. Des. 62,511; June 12.
Thomson, Philip W. T. R., Hollywood, Calif. Educational building block. 1,472,536; Oct. 30.
Thomson Printing Company. (See Hampshire, H. F., and Cranmer, assignors.)
Thomson, Ralph K., Sioux Falls, S. Dak. Side curtain for automobiles. 1,453,209; Apr. 24
Thomson, Robert F., Watertown, N. Y. Record lifter. 1,464,785; Aug. 14.
Thomson, Thomas. (See Hamilton, G. S., and Thomson.)
Thomson, William E., administrator. (See Esselstyne, Charles E.)
Thomson, William P., Forest Hills, and C. A. Disbrow, New Rochelle, N. Y., assignors to The Rail Joint Company, New York, N. Y. Track liner. 1,465,795; Aug. 21.
Thon, Louis J., Marshfield, Wis. Magazine phonograph. 1,451,282; Apr. 10.
Thordarson, Chester H., Chicago, Ill. Terminal connector for electrical windings. 1,470,337; Oct. 9.
Thoresen, Anton S., and F. E. Benoit, North Attleboro, Mass. Blow-out patch and tire reenforcer for automobile tires and tubes. 1,462,628; July 24.

Thörig, Werner K., Zurich, Switzerland. Mold for manufacturing money chests and the like. 1,459,120; June 19.
Thorkelin, Carl F. G. (See Hall, B. J., and Thorkelin.)
Thornburgh, Ivan D., Berkeley, assignor to American Can Company, San Francisco, Calif. Method of and apparatus for gasket lining can ends. 1,463,519; July 31.
Thorne, Rougier. (See Stewart, Victor A., assignor.)
Thorne, William H., assignor to William Sellers and Company, Incorporated, Philadelphia, Pa. Clamping mechanism for machine tools. 1,455,556; May 15.
Thornhill, Edwin B., Hurley, N. Mex. Producing sponge iron. 1,443,444; Jan. 30.
Thornhill, Edwin B., Hurley, N. Mex. Apparatus for the production of sponge iron and other metallic products. 1,452,626; Apr. 24.
Thornhill, Edwin B., Hurley, N. Mex. Production of sponge iron and other metallic products. 1,452,627; Apr. 24.
Thornley, Albert J., assignor to Consolidated Car Fender Company, Pawtucket, R. I. Car fender. 1,440,423; Jan. 2.
Thornley, William H., et al., trustees. (See Noble, Warren, assignor.)
Thornton, Albin L., El Paso, Tex. Fastening device for cuffs. 1,464,891; Aug. 14.
Thornton, Charles. (See Dierker, William C., assignor.)
Thornton, Daniel N., Waitsburg, Wash. Truck and trailer carrier. 1,451,127; Apr. 10.
Thornton, Edgar R. (See Clouser, H. E., and Thornton.)
Thornton, Frank, jr., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric percolator. 1,451,556; Apr. 10.
Thornton, Frederick, Huntington, W. Va. Resilient rim for automobile wheels. 1,461,505; July 10.
Thornton, James L., Camp Hill, Pa. Litter carrier. 1,453,610; May 1.
Thornton, John, Youngstown, Ohio. Protection for charging port through furnace walls. 1,449,795; Mar. 27.
Thornton, Loxla C., Fresno, Calif. Aligning jig. 1,478,980; Dec. 25.
Thornton, Ray, New Bedford, Mass. Section beam. 1,470,946; Oct. 16.
Thornton, Ray, New Bedford, Mass. Warp roll. 1,473,450; Nov. 6.
Thornton, Richard H., Portland, Oreg. Stream improvement. 1,475,461; Nov. 27.
Thornton, W. A., et al. (See Bannon, Frank A., assignor.)
Thornycroft, Tom, Westminister, England. Breech-closing mechanism. 1,445,420; Feb. 13.
Thorp, Arline N. C., New York, N. Y. Identification device. 1,474,861; Nov. 20.
Thorp, James M., Alameda, Calif. Six-wheel propelling mechanism for motor vehicles. 1,471,295; Oct. 16.
Thorpe, Samuel T., assignor to The Horton Manufacturing Company, Bristol, Conn. Golf club. 1,464,550; Aug. 14.
Thorpe, William H., Mount Vernon, N. Y. Storage battery. 1,451,347; Apr. 10.
Thorpe, William H., Mount Vernon, N. Y. Storage battery. 1,451,348; Apr. 10.
Thorpe, William H., Mount Vernon, N. Y. Storage battery. 1,454,571; May 8.
Thorsby, Karl J., and R. C. Force, assignors to California Corrugated Culvert Company, Oakland, Calif. Slide head gate. 1,445,921; Feb. 20.
Thorsen, Kristen A., Grenoble, France. Apparatus for comminuting, refining, and triturating paper or cardboard pulps. 1,457,865; June 5.
Thorsen, Ludvig, Stavanger, Norway. Apparatus for scrubbing ships' bottoms below the water level. 1,466,315; Aug. 28.
Thorssell, Carl T., and H. L. R. Lundén, assignors to Aktiebolaget Kvafveindustri, Gottenborg, Sweden. Purifying the residue obtained in producing ammonia from cyanides. 1,453,210; Apr. 24.
Thorssell, Carl T., and O. Troell, assignors to Aktiebolaget Kvafveindustri, Gottenborg, Sweden. Agglomerating pulverous materials. 1,466,571; Aug. 28.
Thorsten, Alfred F., Brooklyn, N. Y. Clapper valve. 1,463,103; July 24.
Thorstensen, James G., Clinton, Minn. Washboard. 1,472,537; Oct. 30.
Thouviot, Jean C., Paris-L'Hopital, France. Apparatus for heaping or piling up packages, bags, and the like. 1,452,449; Apr. 17.
Thrasher, Elmer E., Cumberland, Md. Combined cushion and pneumatic tire and rim therefor. 1,447,739; Mar. 6.
3-In-One Pressure Cooker Company. (See Jacobs, Joseph H., assignor.)
Thrift, Homer C., Burkburnett, Tex. Pipe-pulling apparatus. 1,454,088; May 8.
Thrift, Homer C., Burkburnett, Tex. Apparatus for screwing together and unscrewing pipe joints and the like. 1,471,367; Oct. 23.
Thrift, Homer C., Burkburnett, Tex. Pump. 1,477,300; Dec. 11.
Thrift, Merton B., Piedmont, Calif. Furring strip. 1,467,125; Sept. 4.
Thrift, Samuel L., Stockton, Calif. Shaping machine for laundered collars. 1,458,255; June 12.
Thron, Heinrich, assignor to the Firm of Vereinigte Chininfabrik- en Zimmer & Co., G. m. b. H., Frankfort-on-the-Main, Germany. Manufacture of alkylized derivatives of hydrocupreine. 1,458,670; June 12.
Thronsen, Sigurd, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Filament support. 1,461,232; July 10.
Thronsen, Sigurd, and J. W. Sager, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Semiautomatic winding machine. 1,471,634; Oct. 23.
Throop, Damon R., Stockton, Calif. Scraper. 1,464,687; Aug. 14.
Throop, Newton A., Chicago, Ill. Vacuum cleaner. 1,470,894; Oct. 16.
Thropp, Joseph W., Trenton, N. J. Safety stop for machinery. 1,447,105; Feb. 27.
Thropp, Joseph W., Trenton, N. J. Flexible coupling. 1,460,869; July 3.
Thrush, Homer A., Peru, Ind. Pressure-relief valve. 1,454,353; May 8.
Thuernau, Henry A., Chicago, Ill. Advertising sign. Des. 62,251; Apr. 24.
Thulander, Konstantine, assignor to L-T-L Company, Rockford, Ill. Carving tool. 1,451,128; Apr. 10.
Thum, George E., Elizabeth, N. J. Windshield cleaner. 1,448,508; Mar. 13.
Thum, Rudolf, Baldwin, assignor to The Weva Company Incorporated, New York, N. Y. Toothpick. 1,451,380; Apr. 10.
Thun, Hermann, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Machine for measuring surface areas. 1,453,211; Apr. 24.
Thun, Hermann, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Adding machine particularly for leather-measuring machines. 1,454,382; May 8.
Thun, Hermann, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Surface-measuring machine particularly intended for the measurement of leather. 1,465,533; Aug. 21.
Thun, Hermann, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Measurement-stamping apparatus. 1,474,098; Nov. 13.
Thun, Hermann, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Machine for measuring surface areas. 1,476,428; Dec. 4.
Thurau, Charles W., Oil City, Pa. Tire-chain coupling. 1,474,692; Nov. 20.
Thurber, Luman T., Brookline, Mass. Printing frame. 1,447,444; Mar. 6.
Thurber, Luman T., assignor to The Manufacturing Engineers, Inc., Brookline, Mass. Carbureting device. 1,447,445; Mar. 6.
Thurell, John P., North Adams, Mass. Airship. 1,468,584; Sept. 18.
Thurman, William B. (See Richardson, J. E., and Thurman.)
Thurnauer, Max H., Cincinnati, Ohio. Electric-light fixture. 1,456,683; May 29.
Thurston, Albert P., London, assignor of two-thirds to The Bristol Aeroplane Company Limited, Bristol, England. Aircraft submarine, torpedo, and other totally-immersed craft or structure. 1,466,551; Aug. 28.
Thurston, Albert P., London, and H. N. Wylie, Birmingham, England. Compound metal spar. 1,454,659; May 8.
Thurston, Ernest B., assignor to The Haughton Elevator Machine Co., Toledo, Ohio. Electromechanical brake. 1,455,895; May 22.
Thurston, Ernest B., assignor to The Haughton Elevator & Machine Co., Toledo, Ohio. Electromagnet. 1,462,129; July 17.
Thurston, Ernest B., assignor to The Haughton Elevator & Machine Co., Toledo, Ohio. Elevator-car leveler. 1,477,156; Dec. 11.
Thurston, Fred W., San Francisco, Calif. Drill. 1,477,855; Dec. 18.
Thust, George J., Milwaukee, Wis. Wrapping mechanism for pasteboard boxes. 1,463,639; July 31.
Thwaits, Elmer, Leesburg, Ind. Disk plow. 1,444,284; Feb. 6.
Tibado, Clarence H. (See Clark, G. L., and Tibado.)
Tibbals, Albert D., St. Louis, Mo. Staple-setting implement. 1,446,107; Feb. 20.
Tibbetts, Charles B., Walpole, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe rack. 1,447,228; Mar. 6.
Tibbetts, Charles B., Walpole, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Coating apparatus. 1,467,343; Sept. 11.
Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Hydrocarbon motor. 1,448,641; Mar. 13.
Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Vibration-damping device. Re15,645; July 10.
Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Identification method and means. 1,467,961; Sept. 11.
Tibbetts, Milton, Detroit, Mich., assignor, by mesne assignments, to Delco-Light Company, Dayton, Ohio. Refrigerating apparatus. 1,445,728; Feb. 20.

Tibbetts, Raymond W., Roxbury, Mass. Pump. 1,458,204; June 12.
Tibyrica, Luiz W., Sao Paulo, Brazil. Fastener. 1,468,052; Sept. 18.
Tice, Percival S., Chicago, Ill. Air washer. 1,449,635; Mar. 27.
Tichenor, Elmore D., Detroit, Mich. Toothbrush shield and dentifrice holder. 1,470,129; Oct. 9.
Tichler, Elizabeth A., Paterson, N. J. Toy animal. Des. 62,677; July 17.
Tichota, August. (See Tichota, Vencel J. & A.)
Tichota, Vencel J. and A., Dodge, Nebr. Draft equalizer. 1,457,472; June 5.
Tiddeman, Edmund S., Hornchurch, assignor to W. R. Sykes Interlocking Signal Company Limited, Clapham, London, England. Railway signaling apparatus. 1,472,891; Nov. 6.
Tiddeman, Edmund S., Hornchurch, assignor to W. R. Sykes Interlocking Signal Company Limited, Clapham, London, England. Railway signaling apparatus and apparatus for stopping trains independently of drivers. 1,472,892; Nov. 6.
Tideman, Pieter G., Rumpen, Netherlands. Rotary plow or soil cutter. 1,448,579; Mar. 13.
Tidewater Paper Mills Company. (See Allen, A. F., McCoy, and Sternberger, assignors.)
Tidey, Samuel E., Florham Park, N. J. Weight-releasing clock. 1,447,496; Mar. 6.
Tidy, Benjamin H., Brantford, Ontario, Canada. Window-shade-roller mechanism. 1,470,782; Oct. 16.
Tiedemann, Theo., & Sons, Inc. (See Cuthbert, Robert F., assignor.)
Tiefel, Charles G. (See Todd, L. M., and Tiefel.)
Tiefel, Charles G., assignor to Todd Protectograph Company, Inc., Rochester, N. Y. Check writer. 1,443,103; Jan. 23.
Tiemann, George, & Company. (See Lo Giudice, Domenick, assignor.)
Tiemann, Harry D. (See Thelen, R., and Tiemann.)
Tiemann, Harry D., and R. Thelen, Madison, Wis. Reversing blower kiln. 1,451,747; Apr. 17.
Tiffany, George S., Summit, N. J., assignor to Telautograph Corporation, Richmond, Va. Telautographic system. 1,445,421; Feb. 13.
Tiffany, Leverett W., Winsted, Conn. Dispensing device. 1,445,569; Feb. 13.
Tiffany, Leverett W., Winsted, Conn. Level attachment. 1,445,570; Feb. 13.
Tiffany, Leverett W., Winsted, Conn. Level attachment. 1,460,989; July 3.
Tiffany Manufacturing Company. (See Mason, Carl T., assignor.)
Tiffany, William J., Brockton, Mass. Method of and tool for replacing broken hammer-butt springs. 1,477,610; Dec. 18.
Tiffany, William S., assignor of one-half to E. E. McMorran, Chicago, Ill. Fire extinguisher. 1,454,825; May 8.
Tiffin Products, Inc. (See Ensign, William S., assignor.)
Tigerstedt, Eric M. C., Frederiksberg, near Copenhagen, Denmark. Diaphragm adapted to receive and produce sound. 1,454,913; May 15.
Tighe, John T., Scranton, Pa. Conductor connection. 1,455,415; May 15.
Tilden, Charles S., assignor to The Elyria Iron & Steel Company, Cleveland, Ohio. Tubular frame. 1,460,928; July 3.
Tillander, August E., Stocksund, assignor to G. E. Sylven, Stockholm, Sweden. Speed indicator for automobiles and the like. 1,448,043; Mar. 13.
Tilley, Albert E. (See Jarvis, Basil E., assignor.)
Tilley, Dewit N., Mount Airy, N. C. Flue-cleaning apparatus. 1,476,854; Dec. 11.
Tillier, Vincent C., Flint, Mich. Piston-ring-expanding tool. 1,477,786; Dec. 18.
Tillman, Joseph T., assignor to (Mrs.) G. F. Kriesel, Minneapolis, Minn. Combination tool and grinder. 1,478,993; Dec. 25.
Tillman, Joseph T., and W. J. Vsetecka, Minneapolis, Minn.; said Tillman assignor to said Vsetecka. Knife sharpener. 1,449,636; Mar. 27.
Tillotson, George L., Portland, Oreg. Cracker bowl. 1,448,423; Mar. 13.
Tilly, Charles A., and P. J. McGuire, Brooklyn, N. Y. Clothesline support and protector. 1,464,958; Aug. 14.
Tillyer, Edgar D. (See Moulton, H. R., and Tillyer.)
Tillyer, Edgar D. (See Wells, J. C., and Tillyer.)
Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Gun sight. 1,442,015; Jan. 9.
Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Eye-testing instrument. 1,454,774; May 8.
Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Trial lens. 1,455,457; May 15.
Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Lens-protecting composition. 1,459,380; June 19.
Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Transposition scale. 1,460,148; June 26.
Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Test lens. 1,474,803; Nov. 20.
Tillyer, Edgar D., and J. F. Wixted, assignors to American Optical Company, Southbridge, Mass. Lens-marking device. 1,461,074; July 10.
Tillyer, Edgar D., and H. K. Parsons, assignors to American Optical Company, Southbridge, Mass. Ophthalmic lens. 1,471,368; Oct. 23.
Tilston, Basil H., Latchford Without, near Warrington, and T. Melbourne, Warrington, England. Apparatus for treating hides and the like. 1,472,999; Nov. 6.
Tilstra, Albert R., South Holland, Ill. Tractor attachment. 1,462,155; July 17.
Tilt, Charles A., Chicago, Ill. Automobile engine suspension. 1,455,365; May 15.
Tilton, George, and A. O. Abbott, jr., Detroit, Mich., assignors to Morgan & Wright. Cutting and length-gauging machine. 1,455,366; May 15.
Tilton, Lewis W., Miami, Fla. Building form. 1,468,335; Sept. 18.
Tilton, Roe E., Columbus, Ohio. Connecter. 1,473,362; Nov. 6.
Timberlake, Paul J., Jackson, Mich. Lock for automobile robes and other articles. 1,442,745; Jan. 16.
Timberlake, Paul J., Jackson, Mich. Swimming appliance. 1,442,746; Jan. 16.
Timberlake, Paul J., Jackson, Mich. Garment stretcher. 1,476,555; Dec. 4.
Timen, Paul. (See Acito, J., and Timen.)
Timian, Harold H., Kokomo, Ind. Fuel-vaporizing attachment for internal-combustion engines. 1,448,368; Mar. 13.
Timken-Detroit Axle Company, The. (See Alden, Herbert W., assignor.)
Timken-Detroit Axle Company. (See Brown, P., and Bostock, assignors.)
Timken-Detroit Axle Company, The. (See Vanderbeek, Herbert, assignor.)
Timken, Henry H., assignor to The Timken Roller Bearing Company, Canton, Ohio. Manufacture of roller-bearing cups and cones and the like. 1,441,892; Jan. 9.
Timken, Henry H., assignor to The Timken Roller Bearing Company, Canton, Ohio. Process and apparatus for burnishing cones for roller bearings and the like. 1,441,893; Jan. 9.
Timken, Henry H., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller-bearing cage and making same. 1,446 487; Feb. 27.
Timken Roller Bearing Company, The. (See Buckwalter, Tracy V., assignor.)
Timken Roller Bearing Company, The. (See Ellis, Llewellyn M., assignor.)
Timken Roller Bearing Company, The. (See Goughnour, George, assignor.)
Timken Roller Bearing Company, The. (See Lothrop, Marcus T., assignor.)
Timken Roller Bearing Company., The. (See McQuaid, Harry W., assignor.)
Timken Roller Bearing Company, The. (See Schlaupitz, Oswald, assignor.)
Timken Roller Bearing Company, The. (See Strong, Ernest G., assignor.)
Timken Roller Bearing Company, The. (See Timken, Henry H., assignor.)
Timm, Harry P., Bennington, Nebr. Draft coupling for tractors. 1,467,519; Sept. 11.
Timm, John C., Youngstown, Ohio. Dies for cutting metal reenforcement. 1,466,680; Sept. 4.
Timm, Otto W., Venice, Calif. Rudder bar. 1,478,308; Dec. 18.
Timmel, Jenny, Ridgefield, N. J. Self-igniting-match container. 1,460,870; July 3.
Timmerman, George H. (See Lehmann, J. C., and Timmerman.)
Timmis, Harold E., Dublin, Ireland. Coupling appliance for trailer vehicles, tilling implements, and the like. 1,450,526; Apr. 3.
Timson, William, assignor to W. & T. Avery, Limited, Birmingham, England. Pendulous automatic weighing scale. 1,461,741; July 17.
Tin Decorating Company of Baltimore, The. (See Connor, Martha H., assignor.)
Tin Decorating Company of Baltimore. (See Gerhardt, Leonard, assignor.)
Tin Decorating Company of Baltimore, The. (See Hermani, Henry, assignor.)
Tin Decorating Company of Baltimore, The. (See Wilcox, Josiah T., assignor.)
Tindall, Joseph S., Cedar Springs, Mich. Mold-handling apparatus. 1,452,665; Apr. 24.
Tinder, James H. (See Brierton, B. E., and Tinder.)
Tingle, Alfred, Ottawa, Ontario, Canada. Pulp article. 1,465,882; Aug. 21.
Tingle, William R., Charlotte, N. C. Necktie holder. 1,453,644 May 1.
Tingley, Bruce H. (See Grogel, A. F. W., and Tingley.)
Tingley, Charles L. S., St. Davids, Pa. Railway ticket. 1,459,806; June 26.
Tingley, David E., Marshall, Ill. Concrete form. 1,452,628; Apr. 24.
Tingley, Stephen L., et al., administrators. (See Blackmore, Henry S.)
Tingley, Thomas I., Jersey City, N. J. Resilient wheel. 1,447,362; Mar. 6.

Alphabetical list of patentees—Continued.

Tingue Manufacturing Company. (See Fauser, Gustave M., assignor.)
Tinius Olsen Testing Machine Company. (See McAdam, Dunlap J., jr., assignor.)
Tinker, Alfred E., Stockton, Calif. Combination tail light and direction indicator. 1,457,473; June 5.
Tinker, Charles L., New Philadelphia, Ohio. Combined tampon packer and syringe. 1,473,062; Nov. 6.
Tinker, Harris W., jr., Birmingham, Ala. Vehicle side-curtain construction. 1,462,992; July 24.
Tinkler, Horace S. G., Peterborough, England. Case. 1,465,883; Aug. 21.
Tinsman, Edgar A. (See De Holczer, Louis, assignor.)
Tiny Toter Manufacturing Company, The. (See Dunkelberger, Milton S., assignor.)
Tiregage Valve Corporation. (See Badowski, Alfred, assignor.)
Tirometer Valve Corporation of America. (See Badowski, Alfred, assignor.)
Tirrell, Leslie L., New Troy, Mich. Spray gun. 1,465,194; Aug. 14.
Tirrill, Allen A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrical regulator. 1,466,258; Aug. 28.
Tirrith, Sam, Toledo, Ohio. Hand-propelled sled. 1,472,699; Oct. 30.
Tischhauser, Fred C., Edwardsville, Ill. Package tie. 1,446,525; Feb. 27.
Tisell, Halvar, et al. (See Applegate, George H., assignor.)
Tismer, Paul G., New York, N. Y., assignor to Ringless Piston Company. Piston construction. 1,472,893; Nov. 6.
Titanium Alloy Manufacturing Company, The. (See Barton, L. E., and Kinzie, assignors.)
Tite-Pack Filler Co. (See Segur, Asa B., assignor.)
Titeflex Metal Hose Corporation. (See Fulton, William H., assignor.)
Tifel, John O. B., Leavenworth, Kans. Letter envelope. 1,447,825; Mar. 6.
Title Guarantee and Trust Company, trustee. (See Sweet, Alvin H., assignor.)
Titterington, Morris M., assignor to The Sperry Gyroscope Company, Brooklyn, N. Y. Stabilized bomb sights. 1,446,280; Feb. 20.
Titterington, Morris M., assignor to The Sperry Gyroscope Company, Brooklyn, N. Y. Servo-motor for aeroplanes. 1,472,257; Oct. 30.
Tittle, Reuben D., Springfield, Ohio. Washing machine. 1,445,859; Feb. 20.
Titus, Albert G., Newton, Mass., assignor to The United Lace & Braid Mfg. Co., Cranston, R. I. Lacing package. 1,472,443; Oct. 30.
Titus, Arthur R., Gambier, Ohio. Egg tray. 1,447,826; Mar. 6.
Titus, Benjamin F., Brixton, England. Device for washing clothes and the like. 1,458,159; June 12.
Titus, Elijah W. (See Leech, F. B., and Titus.)
Titus, Kenneth M., and J. W. Dennis, Longmont, Colo. Measuring, dispensing, and mixing device. 1,445,112; Feb. 13.
Titus, Thomas L. (See Nichols, R., and Titus.)
Titus, Thomas W., South Haven, Kans. Antirattler. 1,460,456; July 3.
Titus, Walter E., Brooklyn, N. Y. Water-treating attachment for washing machines, etc. 1,450,054; Mar. 27.
Toal, Edmond J., Minneapolis, Minn. Writing tablet. 1,452,537; Apr. 24.
Tobacco Stemming Machine Company, The. (See Schofield, Frederick C., assignor.)
Tober, Carl, Berlin-Karlshorst, Germany. Braiding machine. 1,456,656; May 29.
Tober, Carl, Berlin, Germany. Braiding machine. 1,457,474; June 5.
Tober, Carl, Berlin-Karlshorst, Germany. Bobbin-winding machine. 1,475,525; Nov. 27.
Tobias, Herrmann B. (See Reisler, S., and Tobias.)
Toblasson, Neils, Orton, Alberta, Canada. Automatic funnel. 1,462,253; July 17.
Tobien, Felix, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Overload-circuit breaker. 1,474,693; Nov. 20.
Tobien, Felix, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Overload-circuit breaker. 1,474,694; Nov. 20.
Tobin, John W. (See Hart, Leo B., assignor.)
Tobis, Frank, and F. Jarzyna, Chicago, Ill. Auto rear-axle differential mechanism. 1,462,204; July 17.
Tobler & Hoenig. (See Tobler, Walter R., assignor.)
Tobler, Richard. (See Staudinger, H., Veraguth, and Tobler.)
Tobler, Walter R., assignor to Tobler & Hoenig, New York, N. Y. Embroidery, lace, or article of similar nature. Des. 61,881; Feb. 6.
Tobolla, Victor T., assignor to W. L. Read and C. F. Read, Chicago, Ill. Coupling head and making same. 1,460,623; July 3.
Tocchio, Michele, Hammersmith, London, England. Cooking grill. 1,451,971; Apr. 17.
Todd, Benjamin W., Sherman, Calif. Armature-banding machine. 1,477,787; Dec. 18.
Todd, Charles H., New Richmond, Wis. Violin-sound-post setter. 1,466,681; Sept. 4.
Todd, Charles H., Dundee, assignor of one-fourth to E. C. Stewart and one-fourth to E. M. Weber, Corning, N. Y. Saw frame and table. 1,467,887; Sept. 11.
Todd, Frank, Minneapolis, Minn. Radiator core. 1,460,772; July 3.
Todd, Hobart H., Oak Park, Ill. Hose coupling. 1,440,508; Jan. 2.
Todd, Isaac, Belfast, Ireland. Steam boiler. 1,459,807; June 26.
Todd, Libanus M., and C. G. Tiefel, assignors to Todd Protectograph Company, Inc., Rochester, N. Y. Printing apparatus. 1,454,914; May 15.
Todd, Percy, Gadsden, Ala. Reserve-supply drain and cut-off valve for liquid-fuel tanks. 1,478,189; Dec. 18.
Todd Protectograph Company. (See Payne, Walter B., assignor.)
Todd Protectograph Company. (See Smith, Burgess W., assignor.)
Todd Protectograph Company. (See Tiefel, Charles G., assignor.)
Todd Protectograph Company. (See Todd, L. M., and Tiefel, assignors.)
Todd, Samuel H., Detroit, Mich. Compressor. 1,451,033; Apr. 10.
Todd, Samuel H., Detroit, Mich. Thermostat. 1,466,070; Aug. 28.
Todd, Samuel H., Detroit, Mich. Electric switch. 1,466,071; Aug. 28.
Todd, Samuel H., Detroit, Mich. Refrigerating apparatus. 1,466,072; Aug. 28.
Todd, Samuel H., Detroit, Mich. Compressor. 1,466,974; Sept. 4.
Todd, Van Winkle, Milburn, assignor to The Hanson & Van Winkle Company, Newark, N. J. Electroplating apparatus. 1,468,764; Sept. 25.
Todd, William J., Denver, Colo. Lawn-cleaning machine. 1,471,929; Oct. 23.
Toelcke, Karl L., A. Mikkola, and L. Shapiro, Chicago, Ill. Clasp for bracelets. 1,466,975; Sept. 4.
Toelle, August, assignor to Remy Electric Company, Anderson, Ind. Ignition coil. 1,465,618; Aug. 21.
Toensfeldt, Ralf T., St. Louis, Mo., assignor to Holophane Glass Co., Inc., New York, N. Y. Lantern. Des. 63,205; Oct. 30.
Toeppen, Herwig C., Wilmette, assignor to The Sanitary Rubber Novelty Co., Chicago, Ill. Waterproof overgarment. 1,477,856; Dec. 18.
Toepper, Henry C., Des Plaines, Ill. Fastener. 1,476,380; Dec. 4.
Tofanelli, Sebastiano, San Francisco, Calif. Paste die. 1,441,642; Jan. 9.
Toffelmeyer, Charles H., assignor of one-half to S. S. Curtis, Hamilton, Ontario, Canada. Building tile. 1,475,092; Nov. 20.
Tokheim Oil Tank and Pump Company. (See Eilers, Frank, assignor.)
Tokheim Oil Tank and Pump Company. (See Muxden, Matthew B., assignor.)
Tolbert, Herbert, Belle Harbor, N. Y. Molding machine. 1,474,862; Nov. 20.
Toledo Machine & Tool Company, The. (See Byerlein, Arthur A., assignor.)
Toledo Pipe Threading Machine Company, The. (See Vosper, William W., assignor.)
Toledo Scale Company. (See Bergen, Harry S., assignor.)
Toledo Scale Company. (See Chapman, Frank H., assignor.)
Toledo Scale Company. (See Crane, Samuel G., assignor.)
Toledo Scale Company. (See Dunn, Henry F., assignor.)
Toledo Scale Company. (See Emery, Wilber, assignor.)
Toledo Scale Company. (See Hapgood, Clarence H., assignor.)
Toledo Scale Company. (See Hem, Halvor O., assignor.)
Toledo Scale Company. (See Hurt, Samuel N., assignor.)
Toledo Scale Company. (See Neils, Albert, assignors.)
Toledo Scale Company. (See Reeves, Orwell C., assignor.)
Toledo Scale Company. (See Thomas, Edward G., assignor.)
Toledo Scale Company. (See Ulrich, Edward F., assignor.)
Toledo Standard Commutator Company, The. (See Van Dusen, Charles A., assignor.)
Tolla, Theodore and E. W. Boots, Ellwood City, Pa. Automatic cut-off for gas lines. 1,453,573; May 1.
Tollefson, John C., Kansas City, Kans. Thrashing-machine feeder tooth. 1,440,708; Jan. 2.
Tollefson, John C., Kansas City, Kans. Extension feeder. 1,447,580; Mar. 6.
Tolles, Brainard. (See Persch, John P., assignor.)
Tolles, James M., Diamondale, Mich. Clutch. 1,443,445; Jan. 30.
Tolley, Albert E. (See Brookes, J., and Tolley.)
Tolman, Charles P., assignor to National Lead Company, New York, N. Y. Manufacture of white lead. 1,447,740; Mar. 6.
Tolman, Edgar B., jr., Chicago, Ill. Ash-conveyer system. 1,465,698; Aug. 21.
Tolson, Robert L., assignor to J. W. Farley, trustee, Memphis, Tenn. Brace for tractors. 1,451,088; Apr. 10.

Tolson, Robert L., assignor, by mesne assignments, to J. W. Farley, trustee, Memphis, Tenn. Tractor. 1,458,560; June 12.
Tolston, Elbert M., Macon, Ga. Railway-crossing signal. 1,453,420; May 1.
Toman, Edward, Chicago, Ill. Clutch mechanism. 1,441,643; Jan. 9.
Tomas, Jacob P., San Jose, Calif. Valve controlling or locking means. 1,474,802; Nov. 20.
Tomas, Joseph, Aberdeen, Wash. Vapor bath. 1,475,091; Nov. 20
Tomasek, Frank, Chicago, Ill. Automobile bumper. 1,469,855; Oct. 9.
Tomes, J. N., Smoke Consumer and Fuel Economizer Co. (See Tomes, Joseph N., assignor.)
Tomes, Joseph N., Olean, assignor to J. N. Tomes Smoke Consumer and Fuel Economizer Co., Inc., Buffalo, N. Y. Smoke consumer. 1,466,073; Aug. 28.
Tomes, Joseph N., assignor to J. N. Tomes Smoke Consumer and Fuel Economizer Co., Inc., Buffalo, N. Y. Steam-boiler furnace. 1,466,771; Sept. 4.
Tomford, John D., Brooklyn, N. Y. Window-securing means. 1,464,345; Aug. 7.
Tomkinson, Charles C. (See Ogden, R. E., and Tomkinson.)
Tomkinson, Charles C., Plainfield, N. J., assignor to J. E. Ogden, Mountainville, N. Y. Door. 1,460,687; July 3.
Tomkinson, Charles C., Plainfield, N. J., assignor to J. E. Ogden, Mountainville, N. Y. Concrete insert. 1,461,742; July 17.
Tomlinson, Charles H., Mansfield, Ohio. Coupling mechanism. 1,476,429; Dec. 4.
Tomlinson, Edmund, and R. T. Gifford, Springfield, assignors to E. N. White, J. L. Wyckoff, and J. M. Eaton, trustees, Holyoke, Mass. Platform. 1,454,416; May 8.
Tomlinson, Edward J., Newark, N. J., assignor to Ward Leonard Electric Company. Circuit controller and current regulator. 1,441,044; Jan. 2.
Tomlinson, Edward J., assignor to Splitdorf Electric Company, Newark, N. J. Phonograph meter. 1,442,370; Jan. 16.
Tomlinson, Edward J., assignor to Splitdorf Electrical Company, Newark, N. J. Phonograph motor. 1,454,195; May 8.
Tomlinson, Edward J., assignor to Splitdorf Electrical Company, Newark, N. J. Governor for electric circuits. 1,461,103; July 10.
Tomlinson, Edward J., East Orange, assignor to Splitdorf Electrical Company, Newark, N. J. Phonograph. 1,467,210; Sept. 4.
Tomlinson, Edward J., assignor to Splitdorf Electrical Company, Newark, N. J. Phonograph. 1,473,363; Nov. 6.
Tomlinson, George, Gallatin, Mo. Collapsible trestle. 1,471,223; Oct. 16.
Tomlinson, George E., Winchester, Ky. Table. 1,448,642; Mar. 13.
Tomlinson, Herbert O., Wheaton, Ill. Lighting fixture. Des. 62,073; Mar. 13.
Tomlinson, Roy E., Montclair, N. J., assignor to National Biscuit Company, New York, N. Y. Carton. 1,440,568; Jan. 2.
Tomlinson, William A., Phoenix, Ariz. Cattle guard. 1,478,927; Dec. 25.
Tommasello, Stanley, Brooklyn, N. Y. Thermostatic circuit closer. 1,443,395; Jan. 30.
Tommasi, Carlo, J. Sandholm, H. Danneel, and A. Busch, Basel, Switzerland, assignors to Elektrizitatswerk Lonza, Gampel, Canton of Valais, Switzerland. Burner for burning metaldehyde. 1,452,450; Apr. 17.
Tommasi, Carlo, J. Sandholm, H. Danneel, and A. Busch, assignors to Elektrizitätswerk Lonza, Basel, Switzerland. Burner for solid fuel. 1,456,475; May 22.
Tommasoni, Prospero, New Britain, Conn. Handle. Des. 62,155; Mar. 27.
Tompkins, Edward R., Milwaukee, Wis. Refrigerator. 1,442,588; Jan. 16.
Tompkins, Emerson H., assignor to Scovill Manufacturing Company, Waterbury, Conn. Vanity box. Des. 62,965; Aug. 28.
Tompkins, Emerson H., assignor to Scovill Manufacturing Company, Waterbury, Conn. Vanity box. Des. 62,966; Aug. 28.
Tompkins, Hermann W., Greensburg, Pa. Radio variable rheostat. 1,452,399; Apr. 17.
Tompkins, John D., Valatie, N. Y. Paper-making machine. 1,454,606; May 8.
Tompkins, John D., Valatie, N. Y. Process of and apparatus for cooking fibrous materials. 1,457,326; June 5.
Tompkins, John D., Valatie, N. Y. Method and machine for making paper. 1,472,572; Oct. 30.
Tompkins, Philip W., San Francisco, Calif. Liquid sampler. 1,471,015; Oct. 16.
Tompkins, Roney P., Long Island City, N. Y. Ink container. 1,442,499; Jan. 16.
Tone, Frank J., assignor to The Carborundum Company, Niagara Falls, N. Y. Artificial magnesia spinel and manufacture. 1,448,010; Mar. 13.
Tone, Frank J., assignor to The Carborundum Company, Niagara Falls, N. Y. Sagger structure. 1,448,011; Mar. 13.
Tone, S. L., et al., receivers. (See Jones, Pearl N., assignor.)
Toner, John J., New York, N. Y. Rudder. 1,478,928; Dec. 25.
Toner, Minnie. (See McKee, Charles E., assignor.)
Toney, George W., Waltham, Mass., assignor, by mesne assignments, to Old Colony Trust Company, trustee. Resetting means for counters. 1,460,119; June 26.
Toney, George W., Waltham, Mass., assignor, by mesne assignments, to Old Colony Trust Company, trustee. Resetting means for counters. 1,460,120; June 26.
Tong, James T. and J. E. Blosser, Chester, Pa., assignors to Scott Paper Company. Absorbent-cotton substitute for medical bandages. 1,453,575; May 1.
Toniutti, Frank E., Forest Park, Ill. Legging. 1,469,286; Oct. 2.
Toniutti, Frank E., Forest Park, Ill. Rain and storm coat. 1,477,788; Dec. 18.
Tonk Manufacturing Company. (See Behrens, Henry G., assignor.)
Tonke, Wilhelm, Mittelsteine, assignor to Firm: Roeder & Co., Hanover, Germany. Potato fork. 1,458,910; June 12.
Tonofone Company, The. (See Wade, Robert C., assignor.)
Tonsager, Adolph, Edmonton, Alberta, Canada. Door lock. 1,443,600; Jan. 30.
Tonsager, Carl, Moorhead, Minn. Elevating machine. 1,442,747; Jan. 16.
Tonso, Domenick, New York, N. Y. Vacuum-cleaner attachment. 1,462,218; July 17.
Toof, Franklin P., Paducah, Ky. Mop. 1,468,422; Sept. 18.
Tooker, Harry L., assignor to Taunton Pearl Works, Incorporated, Taunton, Mass. Belt buckle. 1,460,688; July 3.
Tooker, Sidney S., Rochester, N. Y. Antifriction bearing and shaft-centering device. 1,453,028; Apr. 24.
Tooley, Roy P., and C. W. Johnson, Wichita Falls, Tex. Safety valve. 1,458,087; June 5.
Toomey, George A., Springfield, Mass. Measuring instrument. 1,467,403; Sept. 11.
Toomey, John F. (See Espenschied, L., and Toomey.)
Toomey, John F., New York N. Y., assignor to American Telephone and Telegraph Company. Ringing regulator. 1,446,526; Feb. 27.
Toomey, John F., New York, and W. H. Harrison, Hollis, N. Y., assignors to American Telephone and Telegraph Company. Composite ringer set. 1,462,526; July 24.
Toomey, John F., New York, N. Y., assignor to American Telephone and Telegraph Company. Signaling circuit. 1,467,458; Sept. 11.
Toomey, John F., New York, N. Y., assignor to American Telephone and Telegraph Company. Telephone-exchange system. 1,475,201; Nov. 27.
Toomey, John J., Chicago, Ill. Range. 1,444,145; Feb. 6.
Toomey, John J., Chicago, Ill. Range. 1,467,520; Sept. 11.
Toomey, Thomas L., Wila, Pa. Apparatus for conditioning wheat and other grain. 1,445,806; Feb. 20.
Toothaker, Victor, East Aurora, N. Y. Lamp stand. Des. 63,126; Oct. 9.
Tootill, Sidney, London, England. Gramophone tone arm. 1,466,493; Aug. 28.
Tootle, Milton 3d, St. Joseph, Mo. Golf club. 1,473,528; Nov. 6.
Topfner, Peter, Detroit, Mich. Trousers protector. 1,459,641; June 19.
Topfner, Peter, Detroit, Mich. Trousers protector. 1,470,511; Oct. 9.
Topham, James B., Zelienople, Pa. Tire. Des. 62,967; Aug. 28.
Topham, James B., Zelienople, Pa. Tire. Des. 62,968; Aug. 28.
Topham, James B., Zelienople, Pa. Tire. Des. 62,969; Aug. 28.
Topham, James B., Zelienople, Pa. Tire. Des. 62,970; Aug. 28.
Topham, Laurence E., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 1,443,396; Jan. 30.
Topham, Laurence E., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lock-stitch sewing machine. 1,462,587; July 24.
Topliff-Ely Company. (See Hawkinson, Axel W., assignor.)
Topp, Maurice J., Manlius, assignor of one-third to W. C. Clark and one-third to A. R. Hammerle, Syracuse, N. Y. Collapsible sawhorse. 1,476,855; Dec. 11.
Topp-Stewart Tractor Co. (See Bowker, Harold G., assignor.)
Topp, William B., Melbourne, Victoria, Australia. Electric heating and cooking. 1,441,610; Jan. 9.
Toppan, Albert B., Watertown, Mass. Attachment for telephones. 1,464,455; Aug. 7.
Topper, Thomas J., San Francisco, Calif. Water urn for battery coffee urns. 1,468,527; Sept. 18.
Topping, John A., Nyack, N. Y. Roof and means for securing shingles to a roof. Re15,556; Mar. 6.
Topping Mfg. Company, The. (See Leeds, Robert R., assignor.)
Toppins, Alexander F., West Allis, Wis. Replacement shaft and rear-axle support for tractors. 1,465,458; Aug. 21.

Torbensen Axle Company, The. (See Carlson, Gustav W., assignor.)
Torbron, Orin F., Ardmore, Okla. Swimming shoe. 1,452,400; Apr. 17.
Torchia, Joseph, Cincinnati, Ohio. Antiskid device for shod animals. 1,449,796; Mar. 27.
Torchia, Joseph, Cincinnati, Ohio. Bloomers. 1,469,287; Oct. 2.
Torchia, Julius C., Hazleton, Pa. Last support. 1,452,991; Apr. 24.
Torello, Peter J. (See Willman, Allie, assignor.)
Toren, Joseph, Chicago, Ill. Permanent substitute tire. 1,463,914; Aug. 7.
Torka, Frank, and P. H. C. Redders, assignors to Port Townsend Camera Co., Port Townsend, Wash. Focusing attachment for folding cameras. 1,469,547; Oct. 2.
Torkelson, Eilet M., and B. Meigs, Washington, D. C. Disk wheel. 1,461,690; July 10.
Tornabene, Vincent, Chicago, Ill. Demountable rim or the like. 1,441,309; Jan. 9.
Torngren, Otto P., Everett, Mass. Automatic valve. 1,476,739; Dec. 11.
Torno, Karl L., Berkeley, Calif. Tile and manufacturing the same. 1,474,653; Nov. 20.
Tornquist, Jonas E., St. Paul, Minn. Capping machine. 1,453,212; Apr. 24.
Tornquist, Jonas E., and W. J. Towle, St. Paul, Minn.; said Tornquist assignor to said Towle. Apparatus for agitating, separating, positioning, and distributing container caps and other articles. 1,446,024; Feb. 20.
Toronto Power Company Limited, The. (See Allan, William G., assignor.)
Torre, Pasquale Della, Philadelphia, Pa. Cabinet for phonographs and the like. 1,476,556; Dec. 4.
Torrey, F. L., & Company. (See Torrey, Raymond L., assignor.)
Torrey, Raymond L., assignor to F. L. Torrey & Company, Attleboro, Mass. Belt band. 1,475,974; Dec. 4.
Torricelli, Decio, Springfield, Mass. Ash receiver. 1,478,804; Dec. 25.
Torrington Company, The. (See Barr, Charles H., assignor.)
Torrington Company, The. (See Calder, John A., assignor.)
Torrington Company, The. (See Cook, Harmon J., assignor.)
Tota, Nick, Camden, N. J. Talking-machine cabinet. 1,460,289; June 26.
Tóth, Charles J., assignor to International Process and Engineering Corporation, New York, N. Y. Internal-combustion engine. 1,476,305; Dec. 4.
Tóth, Charles J., assignor to International Process and Engineering Corporation, New York, N. Y. Internal-combustion engine. 1,476,306; Dec. 4.
Tóth, Charles J., Stapleton, assignor to International Process and Engineering Corporation, New York, N. Y. Internal-combustion engine. 1,476,307; Dec. 4.
Tóth, Charles J., Stapleton, assignor to International Process and Engineering Corporation, New York, N. Y. Internal-combustion engine. 1,476,308; Dec. 4.
Tóth, Charles J., Stapleton, assignor to International Process and Engineering Corporation, New York, N. Y. Internal-combustion engine. 1,476,309; Dec. 4.
Toth, Frank, and K. Gombos, Phoenixville, Pa. Clothesline. 1,451,557; Apr. 10.
Toth, John, Bartonville, Ill. Beehive. 1,461,950; July 17.
Toth, Louis, C. Konyves, and F. Strieffler, Philadelphia, Pa. Jacquard mechanism for circular-knitting machines. 1,460,990; July 3.
Tothill, William S., Chicago, Ill. Amusement apparatus. 1,465,067; Aug. 14.
Totman, Arnold W. (See Smith, J. C., and Totman.)
Totschnig, Hieronymus, Lienz, Austria. Surveying instrument. 1,467,075; Sept. 4.
Totzke, Emil M., St. Joseph, Mich. Vehicle spring construction. 1,469,057; Sept. 25.
Touch, Dominic F. (See Touch, John and D. F.)
Touch, John and D. F., Archbald, Pa. Automatic stop mechanism. 1,449,708; Mar. 27.
Toulmin, Harry A., jr., Dayton, assignor to The Temco Electric Motor Company, Leipsic, Ohio. Shock absorber. 1,456,657; May 29.
Toulon, Pierre M. G., assignor to Bureau d'Organisation Économique, Paris, France. Device for the cooling of electric apparatus by the circulation of liquid through the conductors. 1,452,666; Apr. 24.
Toun, Max. (See Duff, Thomas F., assignor.)
Tourtas, Anastasios, Chicago, Ill. Dancing-doll toy. 1,443,770; Jan. 30.
Tourtellot, Wayne L., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Clicking-machine block. 1,443,327; Jan. 23.
Toussaint, Heinrich, Kiel, and H. Fluck, Hamburg, assignors to Deutsche Werke Aktiengesellschaft, Berlin, Germany. Dredging bucket. 1,478,622; Dec. 25.
Tow, Edward. (See Pearson, M. E., and Tow.)
Tow, James O., Columbia, Mo., assignor to The American Laundry Machinery Company, Norwood, Ohio. Safety device for centrifugal extractors. 1,444,401; Feb. 6.
Tower, Charles H., assignor to The Teagle Company, Cleveland, Ohio. Impulse starter for ignition generators. 1,450,010; Mar. 27.
Tower, Charles H., assignor to The Teagle Company, Cleveland, Ohio. System for generating and distributing electric currents. 1,461,234; July 10.
Tower, Charles H., assignor to The Teagle Company, Cleveland, Ohio. System and apparatus for generating and distributing electric currents. 1,466,635; Aug. 28.
Tower, Charles H., assignor to The Teagle Company, Cleveland, Ohio. Magneto ignition system. 1,477,789; Dec. 18.
Tower, Clarence E., New Haven, Conn. Flash-light holder. 1,471,985; Oct. 23.
Tower, Herschel E., assignor to The Baldwin Company, Cincinnati, Ohio. Piano-playing pneumatic action. 1,445,807; Feb. 20.
Tower, Ralph S., Cottage Grove, Oreg. Switch. 1,456,950; May 29.
Towers, Arthur A., Cleveland, Ohio. Vehicle top. 1,452,328; Apr. 17.
Towers, Donigan D., Baltimore, Md. Lubricating means for twister rings. 1,466,004; Aug. 28.
Towers, Donigan D., Baltimore, Md. Lubricating means for twister rings. 1,466,005; Aug. 28.
Towers & Sullivan Manufacturing Co. (See Cothran, Walter S., assignor.)
Towle, James M., West Somerville, assignor of one-half to L. I. Beckwith, Boston, Mass. Automatic hose coupling. 1,471,427; Oct. 23.
Towle Manufacturing Company. (See Kinsman, W. A. and Nock, assignors.)
Towle Manufacturing Company. (See Nock, Harold E., assignor.)
Towle, William J. (See Tornquist, J. E., and Towle.)
Towle, William J., St. Paul, Minn. Forming gaskets and applying the same to can necks, etc. 1,446,025; Feb. 20.
Towle, William J., St. Paul, Minn. Machine for forming gaskets and applying the same to can ends or other closures. 1,465,101; Aug. 14.
Towle, William J., St. Paul, Minn. Lining can ends and mechanism therefor. 1,465,102; Aug. 14.
Towler, Maximilian J. L., Detroit, Mich. Differential gearing. 1,454,578; May 8.
Towne, George S., San Francisco, Calif. Power-transmission belt. 1,451,349; Apr. 10.
Towne, Walter M., New York, assignor to E. W. Bliss Co., Brooklyn, N. Y. Method and apparatus for forming tubular metal articles, socketed terminal lugs, and the like. 1,468,092; Sept. 18.
Towner, Heber F., Santa Ana, Calif. Self lift for agricultural implements. 1,452,855; Apr. 24.
Towner, Heber F., Santa Ana, Calif. Attachment for tractors. 1,477,089; Dec. 11.
Townley, Frederick E. (See Townley, Sheldon E., and F. E.)
Townley, Sheldon E., East Orange, and F. E. Townley, Newark, N. J. Gypsum-calcining apparatus. 1,446,863; Feb. 27.
Towns, Eugene S., Austin, Tex. Boring machine. 1,452,007; Apr. 17.
Townsend, Albert J., and H. W. Snyder, Lima, Ohio. Locomotive draft appliance. 1,477,730; Dec. 18.
Townsend, Arthur J. (See Naugle, H. M., and Townsend.)
Townsend, Arthur J., Canton, Ohio, assignor to The Federal Machine & Welder Company, Warren, Ohio. Welding machine. 1,465,241; Aug. 14.
Townsend, Chauncey. (See Rutherford, C. H., and Townsend.)
Townsend, Clinton P., Washington, D. C., assignor to Hooker Electrochemical Company, New York, N. Y. Producing organic chlorin-substitution products. 1,468,220; Sept. 18.
Townsend, Floyd E., Berkeley, assignor of one-half to E. G. Palmer, San Francisco, Calif. Car unloader. 1,463,302; July 31.
Townsend, Francis M. (See Isbell, John F., assignor.)
Townsend, Frank B., assignor of one-half to J. E. McMath, Penn Yan, N. Y. Swinging and sliding door. 1,468,053; Sept. 18.
Townsend, Frederick B., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Hand brake for railway cars. 1,446,226; Feb. 20.
Townsend, Frederick B., Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Hand brake for railway cars. 1,446,227; Feb. 20.
Townsend, George W., St. Albans, N. Y. Device for making armature coils. 1,460,737; July 3.
Townsend, Harry D., Washington, D. C. Holder for books and the like. 1,440,509; Jan. 2.
Townsend, Harry E., Brooklyn, N. Y. Closure. 1,445,729; Feb. 20.
Townsend, Herbert E., East Providence, assignor to Brown and Sharpe Manufacturing Company, Providence, R. I. Cushioning device for reversing mechanism. 1,454,987; May 15.
Townsend, John S., assignor to Whiting Corporation, Harvey, Ill. Leveling apparatus for locomotive jacks. 1,446,774; Feb. 27.
Townsend, John S., assignor to Whiting Corporation, Harvey, Ill. Motor-driven ladle-turning mechanism. 1,472,286; Oct. 30.
Townsend, John S., assignor to Whiting Corporation, Harvey, Ill. Portable jack. 1,477,790; Dec. 18.

Townsend, John S. E., Oxford, England. Means for detecting small electric currents. 1,455,458; May 15.
Townsend, Mary I., Seattle, Wash., assignor of two-thirds to W. B. Van Valin, Los Angeles, Calif. Toy figure. Des. 62,294; May 1.
Townsend, Samuel P., Orange, N. J. Internal-combustion engine. 1,443,856; Jan. 30.
Townsend, William S., assignor to Guarantee Liquid Measure Company, Rochester, Pa. Indicating attachment for liquid dispensers. 1,468,843; Sept. 25.
Townsend, William S., and F. E. Douglass, Rochester, Pa. Visible display attachment for measuring pumps. 1,450,994; Apr. 10.
Townsend, William S., and F. E. Douglass, Rochester, Pa. Dispensing and display pump. 1,455,235; May 15.
Townson, James. (See Hall, F. C., and Townson.)
Toy Business Corporation. (See Lo Cascio, Pasquale, assignor.)
Toy Devices, Inc., The. (See De Cesare, Matteo, assignor.)
Toy, George D. and H. T., Sidney, Ohio. Driving gear for snowplows. 1,473,889; Nov. 13.
Toy, George D. and H. T., Sidney, Ohio. Scraper. 1,473,890; Nov. 13.
Toy, Hugh T. (See Toy, George D. and H. T.)
Toy, Samuel, Boston, Mass. Finger-measuring device. 1,442,985; Jan. 23.
Toy, Samuel, Boston, Mass. Gem-setting tool. 1,442,986; Jan. 23.
Tozier, Benjamin F., Venice, Calif. Game of skill. 1,447,363; Mar. 6.
Tozier, Charles C., Wrentham, Mass.; A. L. Goodwin, executor. Stove. 1,469,463; Oct. 2.
Trace, Russell A., assignor to Buckeye Iron and Brass Works, Dayton, Ohio. Cake-forming machine. 1,468,765; Sept. 25.
Trachte, Arthur F. (See Trachte, George A. and A. F.)
Trachte, George A. and A. F., Madison, Wis. Tank. 1,443,060; Jan. 23.
Trachte, George A. and A. F., Madison, Wis. Corrugating machine. 1,464,018; Aug. 7.
Trachtenberg, Samuel, Cleveland, Ohio. Mechanical flag-waving device. 1,453,772; May 1.
Trachtenberg, Samuel, Cleveland, Ohio. Music-leaf turner. 1,458,959; June 19.
Traction Machine Company, The. (See Fetzer, Louis W., assignor.)
Tracy, Clyde W., Visalia, Calif. Puller for sleeve bearings. 1,466,976; Sept. 4.
Tracy, Edward M., Cleveland, Ohio. Artificial foot. 1,459,564; June 19.
Tracy, Ernest B., Seattle, Wash. Picture-molding hook. 1,456,476; May 22.
Tracy, James J., Cleveland, Ohio. Drawbar rig for tractors. 1,444,402; Feb. 6.
Tracy, Timothy L., Richmond, Ind. Display counter. 1,441,644; Jan. 9.
Traer, Glenn W., and C. M. Garland, assignors to Universal Coal Products Company, Chicago, Ill. System of coking. 1,466,215; Aug. 28.
Traffarn, George L. (See Pond, Charles P., assignor.)
Trafolite Manufacturing Company, The. (See Elliott, Basil W., assignor.)
Trageser, Albert H., and L. Hassinger, New York, N. Y. Container. 1,466,606; Aug. 28.
Traher, Wilfred C., London, Ontario, Canada. Music-leaf binder. 1,469,199; Sept. 25.
Trailer Truck Company. (See Utter, L. E., and Howland, assignors.)
Trailmobile Company, The. (See Morrison, James, assignor.)
Trailmobile Company, The. (See Steiner, H. W., Shipley, and Morrison, assignors.)
Train, John A., St. Paul, Minn. Detachable camp kit for motor vehicles. 1,443,397; Jan. 30.
Traitel Marble Company, The. (See Calkins, Seward H., assignor.)
Trampusch, Otto, Augsburg, Germany. Pneumatic tube for the tires of vehicle wheels. 1,441,461; Jan. 9.
Trane, Reuben N., La Crosse, Wis. Rotary pump or motor. 1,442,195; Jan. 16.
Traphagen, Harry R. (See Waterman, L. E., Traphagen, and Waterman.)
Traphagen, Harry R., assignor to Emerson-Brantingham Company, Rockford, Ill. Planter. 1,441,764; Jan. 9.
Traphagen, Harry R., assignor to Emerson-Brantingham Company, Rockford, Ill. Landmarker for planters. 1,460,457; July 3.
Trapnell, William E., and J. A. Easterwood, Madisonville, Ky. Excavating machine. 1,459,481; June 19.
Trask, Albert S., Concord, N. H. Combined lamp and bookrack. Des. 62,678; July 17.
Tratsch, Walter A. (See Bechtol, A. H., and Tratsch.)
Traub Manufacturing Company, The. (See Bross, Ernest E., assignor.)
Traube, Wilhelm, Berlin, Germany. Production of ethyl chloride. 1,470,656; Oct. 16.
Traufler, Wallace A., Toledo, Ohio. Belt shifter. 1,469,856; Oct. 9.
Trauger, Brooks M., Scranton, Pa. Hoof pad. 1,442,748; Jan. 16.
Traum, David, assignor to Dritz-Traum Co., New York, N. Y. Bag. 1,465,195; Aug. 14.
Traum, John, Coshocton, Ohio. Apparatus for vulcanizing tire casings. 1,470,657; Oct. 16.
Traut & Hine Mfg. Company, The. (See Humphrey, Ernest N., assignor.)
Trautner, George H. (See Trautner, William L. and G. H.)
Trautner, William L., and G. H., St. Paul, Minn. Oil retainer. 1,466,772; Sept. 4.
Traveler Rubber Company of Bethlehem, U. S. A., The. (See de la Rigaudiere, Guy, assignor.)
Travelight Manufacturing Co. (See Dwyer, Francis P., assignor.)
Travell, Warren, New York, N. Y. Cargo-handling apparatus. 1,476,557; Dec. 4.
Traver, Adelbert L., Philmont, N. Y. Loop-sewing machine. 1,476,658; Dec. 4.
Traver, Adelbert L., Philmont, N. Y. Guide and adjuster for looper needles. 1,476,659; Dec. 4.
Traver, Ernest A., Thornton, Calif. Shock absorber. 1,477,791; Dec. 18.
Traver, Harry G., Beaver Falls, Pa. Aeroplane swing. 1,473,980; Nov. 13.
Traver, Oliver C., Schenectady, N. Y., assignor to General Electric Company. Automatic reclosing circuit-breaker system. 1,470,582; Oct. 9.
Traver, Oliver C., Schenectady, N. Y., assignor to General Electric Company. Automatic reclosing circuit-breaker system. 1,477,395; Dec. 11.
Travers, Roland J., San Diego, Calif. Electric-lamp stand. 1,448,949; Mar. 20.
Travis, John M., St. Louis, Mo. Beverage-dispensing apparatus. Des. 61,882; Feb. 6.
Travis, John R. D., Clio, Iowa. Grain-handling apparatus. 1,478,269; Dec. 18.
Travis, Paul J. (See Travis, William T. and P. J.)
Travis, William T. and P. J., Oyster, Va. Grading mechanism for potato harvesters. 1,447,911; Mar. 6.
Travis, William T. and P. J., Oyster, Va. Conveyer for potato harvesters. 1,447,912; Mar. 6.
Trawford, Charles, Limited. (See Swann, William, assignor.)
Traxel, William J., Chicago, Ill. Safety device for gas drums. 1,464,226; Aug. 7.
Traylor, Benjamin K., El Campo, Tex. Store shelf. 1,444,758; Feb. 6.
Traylor, Benjamin K., El Campo, Tex. Ladder. 1,444,759; Feb. 6.
Traylor, Ruth. (See Ellis, Warren E., assignor.)
Trbojevich, Nikola, Detroit, Mich. Forming spiral bevel gears. 1,465,150; Aug. 14.
Trbojevich, Nikola, Detroit, Mich. Hob. 1,465,151; Aug. 14.
Treadwell Engineering Company. (See Mikaelson, E. W., and Neave, assignors.)
Treadwell, John, New York, N. Y. Briquette press. 1,448,982; Mar. 20.
Treadwell, M. H., Company. (See Astrom, Carl P., assignor.)
Treadwell, M. H., Company. (See Howard, John H., assignor.)
Treadwell, M. H., Company. (See Steven, Frank R., assignor.)
Treanor, Edward D. (See Abbott, C. C., and Treanor.)
Treanor, Edward D., Pittsfield, Mass., assignor to General Electric Company. Stationary induction apparatus. 1,477,396; Dec. 11.
Treat, Clifford E., Los Angeles, Calif. Switch. 1,473,262; Nov. 6.
Treat, Francis H., Cleveland, Ohio, assignor to Duff Patents Company, Incorporated, Pittsburgh, Pa. Gas producer. 1,469,399; Oct. 2.
Treat, Sidney W., assignor to Signode System, Inc., Chicago, Ill. Box-strapping device. 1,469,857; Oct. 9.
Trebes, Edward H., Tampa, Fla. Pavement and laying the same. 1,456,080; May 22.
Tréchot, François, Paris, France. Traction wheel with movable blades. 1,450,656; Apr. 3.
Tredwell, Charles A., assignor to Winchester Repeating Arms Co., New Haven, Conn. Telescopic fishing rod. 1,441,045; Jan. 2.
Trefs, George, Montville, N. J. Loose-wheel construction. 1,466,074; Aug. 28.
Trefz, Carl G. (See Wright, Charles D., assignor.)
Trego, Frank H., assignor to Packard Motor Car Company, Detroit, Mich. Carburetor. 1,444,222; Feb. 6.
Tregoning, Edgar. Attleboro, Mass. Automatic temperature-regulating device. 1,448,012; Mar. 13.
Treiman, Isaac A., Seattle, Wash. Safety attachment for locks. 1,472,948; Nov. 6.
Treiman, Isak A., and R. L. Rockwell, Seattle, Wash.; said Rockwell assignor of one-fourth to said Treiman. Lock. 1,461,857; July 17.
Treischel, Chester C., Schenectady, N. Y., assignor to General Electric Company. Porcelain. 1,462,396; July 17.
Trejo M., Rafael, and D. Ponce, San Antonio, Tex. Headlight dimmer. 1,478,148; Dec. 18.
Treloar, Walter C., Mitchell, S. Dak. Tiling target. 1,476,430; Dec. 4.
Tremain, Charles A., Bellingham, Wash. Phonograph-tone rectifier and amplifier. 1,457,678; June 5.
Tremayne, John S., Long Beach, Calif. Chain jack. 1,466,977; Sept. 4.

Tremblatt, Barney, Minneapolis, Minn. Doll. Des. 63,667. Dec. 25.
Tremolada, Guglielmo R., assignor to Detroit Air Cooled Car Company, Detroit, Mich. Welding copper to iron. 1,449,637; Mar. 27.
Tremont Products Company. (See Smith, Raymond D., assignor.)
Tremper, Charles W., assignor to The Fuller Mfg. Co., New Haven, Conn. Sheet-feeding mechanism. 1,460,689; July 3.
Trenckmann, Bruno. (See Trenckmann, Erich and B.)
Trenckmann, Erich and B., assignors to B. G. Tertilwerke G. m. b. H., Berlin-Tempelhof, Germany. Balloon envelope material and manufacturing the same. 1,452,229; Apr. 17.
Trenholme, Arthur K., Portland, Oreg. Single-tube bicycle tire. 1,457,287; May 29.
Trenkamp, Herman J., Cleveland, Ohio. Stove-oven adapter. 1,443,511; Jan. 30.
Trenor, Albert D., assignor to J. H. Hammond, jr., Gloucester, Mass. Helm-limiting device. Re15,694; Oct. 2.
Trent Process Corporation. (See Trent, Walter E., assignor.)
Trent, Walter E., Washington, D. C. Carbonaceous fuel. 1,461,167; July 10.
Trent, Walter E., assignor to Trent Process Corporation, Washington, D. C. Treating ore and like materials. 1,461,372; July 10.
Trent, Walter E., assignor to Trent Process Corporation, Washington, D. C. Producing coke. 1,478,864; Dec. 25.
Trenteseau, Edgar L., Boston, Mass. Night lamp. 1,461,233; July 10.
Trenton Auto Radiator Works. (See Kramer, Nathan and B., assignors.)
Trescott, Stephen O., Battle Mountain, Nev. Aeroplane. 1,468,933; Sept. 25.
Tresemer, Walter L., and E. B. Wilson, Indianapolis, Ind. Valve. 1,448,580; Mar. 13.
Tresise, Raleigh E. (See Scott, W. M., and Tresise.)
Tresnak, William J., Lake Worth, Fla. Phonograph-record cabinet. 1,449,922; Mar. 27.
Tresnak, William J., Lake Worth, Fla. Butter churn. 1,474,741; Nov. 20.
Trester, Herault A., assignor to Metal Forms Corporation, Milwaukee, Wis. Scaffold bracket. 1,449,638; Mar. 27.
Trester, Herault A., assignor to Metal Forms Corporation, Milwaukee, Wis. Road form. 1,471,074; Oct. 16.
Trester, Herault A., assignor to Metal Forms Corporation, Milwaukee, Wis. Concrete elevator and distributor. 1,475,253; Nov. 27.
Trethaway, Joseph D., assignor to Trethaway Mfg. Co., Wilkes-Barre, Pa. Toy. 1,467,659; Sept. 11.
Trethaway, Joseph D., Wilkes-Barre, Pa., assignor to Trethaway Mfg. Company, Newark, N. J. Wheel. 1,467,660; Sept. 11.
Trethaway Mfg. Co. (See Trethaway, Joseph D., assignor.)
Treubig, Frederick G., Ozone Park, N. Y. Lid lifter. 1,456,157; May 22.
Trew, Arthur S., and F. A. Bullington, Portland, Oreg., assignors to Trew Tabulating Machine Company. Card-making machine. 1,441,385; Jan. 9.
Trew, George B., Shreveport, La. Silt trap. 1,466,773; Sept. 4.
Trew Tabulating Machine Company. (See Trew, A. S., and Bullington, assignors.)
Triay, Edward J., jr., Jacksonville, Fla. Lace-locking means for articles of personal wear. 1,466,075; Aug. 28.
Tribble, Walter, Oakland, Calif. Shpiping container. 1,452,768; Apr. 24.
Tribojevich, Nikola, Detroit, Mich. Gear. 1,465,149; Aug. 14.
Tribull, Carl E., Baltimore, Md. Banjo. 1,446,728; Feb. 27.
Trice, Gilbert C., Fayetteville, N. C. Roof. 1,467,017; Sept. 4.
Tri-City Steel Company. (See Hyle, Jacob A., assignor.)
Trickey, Charles W., McGrath, Minn. Window screen. 1,461,588; July 10.
Tri-Continental Corporation. (See Oishei, John R., assignor.)
Triggs, James M., assignor to The Majestic Company, Huntington, Ind. Window chute. 1,455,511; May 15.
Trigwell, Alfred J., San Jose, Calif. Pump. 1,459,453; June 19.
Trigwell, James R., Brixton, London, England. Knife sharpener. 1,468,611; Sept. 18.
Trimble, Charles P., assignor to Fort Pitt Bedding Company, Pittsburgh, Pa. Clip for fastening covers to seat frames and the like. 1,455,754; May 15.
Trimble, Russell F., Elizabeth, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for treating metals. 1,456,523; May 29.
Trimble, Russell F., Elizabeth, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrode and its construction. 1,465,381; Aug. 21.
Trimble, Russell F., Elizabeth, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Making electrodes. 1,472,505; Oct. 30.
Trimble, Russell F., Elizabeth, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Jig employed in the construction of electrodes. 1,478,071; Dec. 18.
Tri-Me Manufacturing Co. (See Cole, L. J., and Hauck, assignors.)
Trimm, Leslie E., Brooklyn, N. Y. Automobile wheel lock. 1,447,053; Feb. 27.
Trimmer, Moses L., Craig, Mo. Dumping body. 1,443,294; Jan. 23.
Trimmer, Moses L., Craig, Mo. Attachable hopper. 1,463,232; July 31.
Trimont Manufacturing Company. (See Parker, Burton H., assignor.)
Trimont Manufacturing Company. (See Whitfield, Arthur J., assignor.)
Trinca, Frederick, and H. Wolf, assignors to Ever Ready Auto Signal Co., Inc., New York, N. Y. Automobile signal. 1,450,765; Apr. 3.
Trinkel, Andrew E., Jeffersonville, Ind. Wire stretcher. 1,451,410; Apr. 10.
Trinks, Franz, Brunswick, Germany. Revolutions-counting mechanism for calculating machines. 1,445,461; Feb. 13.
Trinks, Franz, Brunswick, Germany. Calculating machine. 1,462,397; July 17.
Trinks, Willibald, Pittsburgh, assignor to Tate-Jones & Co., Inc., Leetsdale, Pa. Heating furnace. 1,452,856; Apr. 24.
Tripp, Hallie E., Chattanooga, Tenn. Adjustable weather strip and stop for closure members. 1,443,295; Jan. 23.
Tripp, Jesse, jr., Los Angeles, Calif. Store furniture. 1,460,332; June 26.
Trippi, Samuel, Buffalo, N. Y. Goblet or similar article. Des. 63,337; Nov. 20.
Trippi, Samuel, Buffalo, N. Y. Goblet or similar article. Des. 63,338; Nov. 20.
Trist, Arthur R., London, England. Device for maintaining liquids at a constant level in their containers. 1,443,663; Jan. 30.
Tritt, Samuel J., jr., Carlisle, Pa. Rotary valve. 1,461,296; July 10.
Triumph Manufacturing Company, The. (See Ward, Paul S., assignor.)
Triumph Trap Co. (See Thomas, Arthur, assignor.)
Trivelli, Adriaan P. H., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether composition. 1,458,256; June 12.
Trivelloni, Angelo, Milan, Italy. Manufacture of nails formed in two parts. 1,462,775; July 24.
Trivisonno, Joseph L., et al. (See Marrazzo, Domenico, assignor.)
Troell, Otto. (See Thorssell, C. T., and Troell.)
Trogner, Roland S., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Tire machine. 1,462,465; July 17.
Trogner, Roland S., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Vehicle tire. 1,464,590; Aug. 14.
Trohon, William G., East Danvers, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Bobbin-case-retaining device. 1,471,930; Oct. 23.
Troidl, Nellie Y., Niagara Falls, N. Y. Educational appliance. 1,450,395; Apr. 3.
Troiel, Jacob E. (See King, S. H., and Troiel.)
Troilo, Biagio, Oneida, N. Y. Feed box for bees. 1,455,459; May 15.
Trojan Glass Cutter Works, Inc. (See Tucker, James W., assignor.)
Trojan, Ludwik, Hamtramck, Mich. Rocker. 1,449,709; Mar. 27.
Trojan Powder Company. (See Snelling, Walter O., assignor.)
Trojan Powder Company. (See Snelling, W. O., and Lams, assignors.)
Trojan Powder Company. (See Waller, Charles E., assignor.)
Troll, Frederick J., Baltimore, Md., assignor to the Loadometer Company. Road-bearing meter. 1,458,920; June 12.
Trolley, Isaac, Poughkeepsie, N. Y., assignor, by mesne assignments, to Moline Plow Company, Incorporated, Moline, Ill. Tractor connection for agricultural implements. 1,475,202; Nov. 27.
Trolley, Isaac, Poughkeepsie, N. Y., assignor, by mesne assignments, to Moline Plow Company, Incorporated, Moline, Ill. Tractor hitch for agricultural implements. 1,475,203; Nov. 27.
Trolley, Isaac, Poughkeepsie, N. Y., assignor, by mesne assignments, to Moline Plow Company, Incorporated, Moline, Ill. Tractor connection for agricultural implements. 1,475,204; Nov. 27.
Trolley, Isaac, Poughkeepsie, N. Y., assignor, by mesne assignments, to Moline Plow Company, Incorporated, Moline, Ill. Tractor connection for agricultural implements. 1,475,205; Nov. 27.
Trolley, Isaac, Poughkeepsie, N. Y., assignor, by mesne assignments, to Moline Plow Company, Incorporated, Moline, Ill. Tractor hitch. 1,475,206; Nov. 27.
Trolley, Isaac, Poughkeepsie, N. Y., assignor, by mesne assignments, to Moline Plow Company, Incorporated, Moline, Ill. Tractor connection for agricultural implements. 1,475,207; Nov. 27.

Trolley, Isaac, Poughkeepsie, N. Y., assignor, by mesne assignments, to Moline Plow Company, Incorporated, Moline, Ill. Tractor connection for agricultural implements. 1,475,208; Nov. 27.
Tromanhauser, Seneca H., Minneapolis, Minn. Building wall. 1,445,113; Feb. 13.
Tromba, Marius E., Brooklyn, N. Y. Condensing lens. 1,470,512; Oct. 9.
Trombley, Benjamin B., Syracuse, N. Y. Wagon. 1,460,290; June 26.
Trombley, Russell A., Akron, Ohio. Collapsible kite. 1,456,260; May 22.
Trombley, William E. (See Hannula, F. E., and Trombley.)
Trombly, Jeremiah M., St. Albans, Vt. Window screen. 1,449,846; Mar. 27.
Trompeter, Lee R., Cedar Rapids, Nebr. Operating table. 1,458,561; June 12.
Trompeter, Lee R., Cedar Rapids, Nebr. Instrument table. 1,458,562; June 12.
Trood, Samuel, Pittsburgh, Pa. Device for producing and utilizing combustible mixture. 1,454,196; May 8.
Trood, Samuel, Pittsburgh, Pa. Apparatus for producing and utilizing combustible mixture. 1,466,006; Aug. 28.
Trood, Samuel, Haysville Borough, assignor to Peoples Natural Gas Company, Allegheny County, Pa. Device for the combustion of liquid fuel. 1,445,370; Feb. 13.
Trosch, Alfred, assignor to A. H. Ingle, Rochester, N. Y. Vertical multiple-spindle milling machine. 1,444,045; Feb. 6.
Trosch, Alfred, assignor to A. H. Ingle, Rochester, N. Y. Feed mechanism for machine tools. 1,451,061; Apr. 10.
Trosch, Alfred, assignor to A. H. Ingle, Rochester, N. Y. Power traverse and feed mechanism for planers. 1,471,296; Oct. 16.
Trosch, Alfred, assignor to Arthur H. Ingle, Rochester, N. Y. Rapid traverse and feed control for boring mills. 1,475,255; Nov. 27.
Trosclair, Leo E., New Orleans, La. Gas-regulating valve. 1,463,451; July 31.
Trosien, Charles G., et al. (See White, Thomas H., assignor.)
Trosien, Charles G., Pontiac, Mich. Gear lock for automobiles. 1,472,101; Oct. 30.
Trosky, Charles L., and C. C. Marsh, assignors to Allison Experimental Company, Indianapolis, Ind. Method of and means for testing gears. 1,473,748; Nov. 13.
Trost, Adolph, assignor to J. J. White, Chicago, Ill. Electrically-heated former for rounding the backs of book covers. 1,457,108; May 29.
Trost, Harry, Troy, Ill. Piston-ring clamp. 1,450,527; Apr. 3.
Trost, Soren O. E. T., London, England, assignor to Radio Corporation of America. Transmitter for wireless telephony. 1,468,250; Sept. 18.
Troth, James F., Washington Township, Owen County, Ind. Automatic cow-holding stanchion. 1,464,159; Aug. 7.
Trotman, William E. K., Wood Green, England. Mounting for the dandy rolls of paper-making and like machinery. 1,468,890; Sept. 25.
Trott, Rolland S., Denver, Colo. Piston for engines. 1,454,868; May 15.
Trott, Rolland S., Denver, Colo. Classifier. 1,468,844; Sept. 25.
Trotter, George C., Chicago, Ill., assignor to Plymouth Phonograph Parts Co., Plymouth, Wis. Automatic stop for phonographs. 1,460,871; July 3.
Trotter, George C., assignor to Lake Laboratories Company, Elkhart Lake, Wis. Phonograph. 1,470,303; Oct. 9.
Trotter, Henry R., Swarthmore, Pa., assignor to Westinghouse Electric & Manufacturing Company. Thrust bearing. 1,459,454; June 19.
Trotter, Henry R., Swarthmore, Pa., assignor to Westinghouse Electric and Manufacturing Company. Multistage rotary pump. 1,468,889; Sept. 25.
Trotzer, Zoltan, Budapest, Hungary. Electric water heater. 1,453,574; May 1.
Troughton, Ernest. (See Cotter, E. W., and Troughton.)
Troupe, Paul V., Moline, Ill. Transmission-gearing unit. 1,457,236; May 29.
Trout, Harry R., Pottstown, Pa. Adjustable washtray leg. 1,471,931; Oct. 23.
Trout, Hiram B., Mattoon, Ill. Ventilating window for passenger cars and the like. 1,457,949; June 5.
Trout, Omer C., and W. T. Martin, Omaha, Nebr. Smoke-producing device. 1,444,647; Feb. 6.
Trout, Silas E., Philadelphia, Pa. Card index. 1,461,407; July 10.
Troutman, Frank E., and C. H. Christie, Butler, Pa. Melting glass in pots. 1,476,431; Dec. 4.
Troutman, Frank E., and C. H. Christie, Butler, Pa. Glass-melting-pot furnace. 1,476,432; Dec. 4.
Trouts, Harry, Upper Black Eddy, Pa. Dirigible headlight. 1,445,114; Feb. 13.
Trowbridge, Alexander B., Flushing, N. Y., and O. W. Ten Eyck, Glen Ridge, N. J. Wall Structure. 1,474,389; Nov. 20.
Trowbridge, Alexander B., Flushing, N. Y., and O. W. Ten Eyck, Glen Ridge, N. J. Vault and safe construction. 1,474,390; Nov. 20.
Trowbridge, Augustus, Washington, D. C., and W. C. Duryea, Princeton, N. J. Recording indicator. 1,447,913; Mar. 6.
Trowbridge, Augustus, and W. C. Duryea, Princeton, N. J. Camera. 1,477,674; Dec. 18.
Trowbridge, Kenneth M., Dallas, Ga. Stone-dressing machine. 1,441,311; Jan. 9.
Troxel, Harvey H. (See Billman, Obed C., assignor.)
Troy Foundry and Machine Co. Inc. (See Sleicher, Charles A., assignor.)
Troy Laundry Machinery Co. (See Bartholomew, William, assignor.)
Troy Laundry Machinery Co. (See Frazee, Henry, jr., assignor.)
Troy Laundry Machinery Co. (See Hager, William R., assignor.)
Troy Laundry Machinery Co. (See Hoting, Hans C., assignor.)
Troy Laundry Machinery Co. Ltd. (See Malone, Ernest J., assignor.)
Troy Laundry Machinery Company Ltd. (See Adland, V. E., and Kamper, assignors.)
Troy Sunshade Company, The. (See Dillingham, Frederick A., assignor.)
Truan, Charles A., Knoxville, Tenn. Safe and vault door. 1,445,186; Feb. 13.
Trub, John E. A. (See Borel, Charles, assignor.)
Trubisky, John, Kipling, Ohio. Vegetable slicer. 1,466,105; Aug. 28.
Truck, Tractor and Manufacturing Company. (See Jacobs, I. M., and Cramer, assignors.)
Trucksess, Andrew P., Camden, N. J. Sign. 1,458,160; June 12.
Trucksess, Andrew P., Camden, N. J. Sign. 1,462,156; July 17.
True, George A., trustee. (See Matthews, Scott J., assignor.)
Truebe, Paul G., Detroit, Mich. Friction clutch and tension device. 1,442,417; Jan. 16.
Trueblood, Ralph W., and A. M. Rochlen, Los Angeles, Calif. Device for coding and decoding telephotographs. 1,440,510; Jan. 2.
Trueblood, Samuel L., Baton Rouge, La. Direction indicator. 1,466,607; Aug. 28.
Truelson, Arthur O., Alhambra, Calif. Muffler-exhaust deflector. 1,442,196; Jan. 16.
Truesdell, Joseph A., South Jacksonville, assignor to A. T. Hill, Jacksonville, Fla. Seat attachment for motor vehicles. 1,444,014; Feb. 6.
Truffy, Antoine, Courbevoie, France. Folding seat. 1,460,291; June 26.
Truman, James et al. (See McCormick, Charles M., assignor.)
Trumble Gas Trap Co. (See Trumble, Milon J., assignor.)
Trumble, Milon J., Alhambra, Calif., assignor to Trumble Gas Trap Co., Los Angeles, Calif. Gas-trap float. Re. 15,580; Apr. 17.
Trumbull, Alexander H., Stratford, Conn. Holder for collapsible tubes. 1,450,055; Mar. 27.
Trumbull, Alexander H., Stratford, assignor to The Connecticut Electric Mfg. Company, Bridgeport, Conn. Drilling machine. 1,450,121; Mar. 27.
Trumbull Electric Manufacturing Company, The. (See Getchell, Benjamin E., assignor.)
Trumbull Electric Manufacturing Company, The. (See Leppert, Henry E., assignor.)
Trumbull Electric Manufacturing Co., The. (See Wheeler, Frank T., assignor.)
Trumbull, Harlan L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Pneumatic tire and making the same. 1,476,381; Dec. 4.
Trumbull, Oscar W., Buffalo, N. Y. Packing. 1,455,682; May 15.
Trumbull Steel Company, The. (See Wille, Frederick, assignor.)
Trump, Charles A., Derry, Pa. Combination plane. 1,448,775; Mar. 20.
Trump, Elno H., assignor to The Lambert Tire & Rubber Company, Barberton, Ohio. Elastic vehicle tire. Des. 62,971; Aug. 28.
Trunko, John, Arden, W. Va. Trolley-wheel guard. 1,459,663; June 19.
Trunko, John, Arden, W. Va. Aeroplane. 1,478,270; Dec. 18.
Truscon Steel Company. (See Briody, Bernard, assignor.)
Truscon Steel Company. (See Jencks, H. W., Montgomery, and Sparks, assignors.)
Truscon Steel Company. (See Kane, Thomas H., assignor.)
Truscon Steel Company. (See White, Herbert E., assignor.)
Truskoski, John F., Chicago, Ill. Checker and chess board. 1,441,386; Jan. 9.
Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Loose-leaf binder. 1,450,267; Apr. 3.
Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Loose-leaf binder. 1,454,869; May 15.
Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Loose-leaf binder. 1,468,845; Sept. 25.

Alphabetical list of patentees—Continued.

Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Loose-leaf binder. 1,468,846; Sept. 25.
Trussell Manufacturing Company. (See Trussell, Clarence D., assignor.)
Trust, Henry. (See Trust, Josephine and H.)
Trust, Henry, deceased, Park Ridge, N. J., and F. M. Ashley, Brooklyn, N. Y.; said Ashley assignor of his right to J. Trust, Park Ridge, N. J.; J. Trust, administratrix. Mixing and beating machine. 1,461,468; July 10.
Trust, Henry, Park Ridge, N. J., and F. M. Ashley, Brooklyn, N. Y.; said Ashley assignor to J. Trust, Park Ridge, N. J.; J. Trust, administratrix. Shredding machine. 1,469,369; Oct. 2.
Trust, Henry, Park Ridge, N. J., and F. M. Ashley, Brooklyn, N. Y.; said Ashley assignor to J. Trust, Park Ridge, N. J.; J. Trust, administratrix. Mixing and beating machine. 1,469,370; Oct. 2.
Trust, Josephine. (See Trust, H., and Ashley, assignors.)
Trust, Josephine, administratrix. (See Trust, H., and Ashley, assignors.)
Trust, Josephine and H., Park Ridge, N. J., assignors, by mesne assignments, to Fitchburg Machine Works, Fitchburg, Mass. Food machine. 1,467,770; Sept. 11.
Trust, Josephine and H., Park Ridge, N. J., assignors, by mesne assignments, to Fitchburg Machine Works, Fitchburg, Mass. Food machine. 1,467,820; Sept. 11.
Trust, Lucis. (See Dougnerty, Elmer E., assignor.)
Trusty, Harry. (See Trusty, Joseph M. and H.)
Trusty, Joseph M. and H., Corte Madera, Calif. Tire and engine gauge. 1,448,168; Mar. 13.
Trutta, Cesare, assignor of one-half to N. Rinaldi, New York, N. Y. Food cutter. 1,471,313; Oct. 16.
Tryer, L. M. (See Woolen, Alfred, assignor.)
Tscherning, Henry, assignor to Arcade Manufacturing Company, Freeport, Ill. Mop. 1,468,423; Sept. 18.
Tschudy, Heinrich, Ennenda, Switzerland. Drawing frame for spinning machinery. 1,469,548; Oct. 2.
Tseng, Jicknam, London, England. Manufacture of soap. 1,475,663; Nov. 27.
Tsutsui, Yukino, Seattle, Wash. Hatpin. 1,455,126; May 15.
Tubach, Arthur L. (See Tubach, Emil F., assignor.)
Tubach, Emil F., assignor of one-half to A. L. Tubach, Dushore, Pa. Mine-car door. 1,443,857; Jan. 30.
Tubbs, Anthony A., Hammond, Ind. Razor-blade pocketknife. 1,444,715; Feb. 6.
Tubbs, Earl D., New York, N. Y. Concrete tie clip. 1,467,741; Sept. 11.
Tubbs, Earl D., New York, N. Y., assignor to Igoe Brothers, Newark, N. J. Flexible shaft coupling. 1,469,738; Oct. 2.
Tubbs, Frank M., Santa Rosa, Calif. Rail-securing device. 1,453,213; Apr. 24.
Tube Products Company. (See Jacobs, Clare S., assignor.)
Tubize Artificial Silk Company of America. (See Bindschedler, E., and Juer, assignors.)
Tubize Artificial Silk Company of America. (See Juer, George, assignor.)
Tubular Scaffolding Company Limited, The. (See Palmer-Jones, Daniel, assignor.)
Tubular Steel Automobile Wheel Manufacturing Company. (See Minnick, Frederick L., assignor.)
Tuchfarber, Frank, Cincinnati, Ohio. Acoustic stylus mounting. 1,473,063; Nov. 6.
Tucker, Albert B., Birmingham, Ala. Storage crate case. 1,475,093; Nov. 20.
Tucker, Albert N., Gerrads Cross, England. Apparatus or device for use when teaching or practicing shooting, particularly game shooting. 1,463,931; Aug. 7.
Tucker, Albert N., Gerrads Cross, England. Means or device for adapting sporting guns or like small arms for miniature ammunition practice or use. 1,468,891; Sept. 25.
Tucker Brothers Manufacturing Company. (See Tucker, Jesse D., assignor.)
Tucker, Calvin F., Kansas City, Mo. Tire armor. 1,444,814; Feb. 13.
Tucker, Charles E., York, Pa. Gasoline-dispensing apparatus. 1,476,856; Dec. 11.
Tucker, Charles N., New Bedford, assignor to Hopedale Manufacturing Company, Milford, Mass. Picker-stick check motion. 1,470,513; Oct. 9.
Tucker, Charles O., Hutchinson, Kans. Tone regulator. 1,457,327; June 5.
Tucker, Edwin J. (See Thompson, Charles W., assignor.)
Tucker, Elmer A., Bremerton, Wash. Earth drag. 1,472,949; Nov. 6.
Tucker, Eric E., Dryad, Wash. Stovepipe brace. 1,442,749; Jan. 16.
Tucker, Ernest L. (See Northrop, J., Kilburn, Pessotti, and Tucker.)
Tucker, Frederick D., et al., trustees. (See Allen, James M., assignor.)
Tucker, George E., Washington, D. C. Automobile robe lock. 1,442,750; Jan. 16.
Tucker, Harry. (See Stamm, M., Tucker, and Deltz.)
Tucker, Henry L., assignor to Tom Wye, Inc., Winchendon, Mass. Seam for fabrics. 1,467,626; Sept. 11.
Tucker, Henry R., Balboa, Canal Zone. Thrashing device. 1,476,660; Dec. 4.
Tucker, James R., and E. M. Ayers, Baltimore, Md. Automobile spring tire. 1,455,236; May 15.
Tucker, James W., Oak Park, assignor to Trojan Glass Cutter Works, Inc., Chicago, Ill. Desk and table top. 1,448,820; Mar. 20.
Tucker, Jesse D., assignor to Tucker Brothers Manufacturing Company, Sacramento, Calif. Spoke tightening shim drift. 1,473,409; Nov. 6.
Tucker, Ralph H., Los Angeles, Calif. Apparatus for ejecting fluids from wells. 1,471,758; Oct. 23.
Tucker, Roger V., Byers, Tex. Car coupler. 1,467,459; Sept. 11.
Tucker, William E., assignor to G. X. Wendling, San Francisco, Calif. Foldable case. 1,471,428; Oct. 23.
Tuckey, Harry A., San Francisco, Calif. Electrical contact device. 1,470,304; Oct. 9.
Tudhope, George A. (See Smith, Marcus, assignor.)
Tueckmantel, Hugo, Irvington, N. J., assignor to The R. Neumann Hardware Co. Bag frame. 1,446,864; Feb. 27.
Tueckmantel, Hugo, Irvington, N. J., assignor to The R. Neumann Hardware Co. Bag-frame fastener. 1,446,865; Feb. 27.
Tuell, Chester E., Washington, D. C. Collapsible crate. 1,447,698; Mar. 6.
Tuers, Harold L., New York, N. Y. Envelope. 1,477,157; Dec. 11.
Tufts, Raymond D. (See Amato, Irving J., assignor.)
Tulite Auto Bulb Company. (See Richardson, James M., assignor.)
Tulley, William M., Corpus Christi, Tex. Liquid gauge. 1,451,240; Apr. 10.
Tulley, William M., Portsmouth, Ohio. Register-operating means. 1,476,558; Dec. 4.
Tullis, Harley A., Ocean Park, assignor of one-half to J. H. Kemker and one-half to W. J. Mee, Los Angeles, Calif. Locking tube for loose-leaf ledgers. 1,471,759; Oct. 23.
Tulloch, David M., Dunellen, N. J. Angular pipe coupling. 1,442,371; Jan. 16.
Tulloch, Thomas G., London, England. Method of and means for propelling and controlling vessels. 1,461,691; July 10.
Tully, George L., Southbridge, and W. H. Boutelle, Sturbridge, assignors to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 1,455,512; May 15.
Tully, Henry C., Toledo, Ohio. Crosstie. 1,459,168; June 19.
Tully, Marks J., Brooklyn, N. Y. Snow remover. 1,462,527; July 24.
Tumalty, John W., Chicago, Ill. Milk-bottle holder. 1,445,730; Feb. 20.
Tune, Thomas O. (See Greene, G. C., Tune, and Stamps.)
Tungsten Products Company, The. (See Bleecker, Warren F., assignor.)
Tunnel Machine Manufacturing and Engineering Company. (See Sheen, Milton R., assignor.)
Tunnel & Sewer Machine Engineering Company, The. (See Anderson, Louis W., assignor.)
Tunnell, Harry E., New York, N. Y. Assembling machine. 1,451,381; Apr. 10.
Tunnell, Harry E., assignor to Fire Gun Manufacturing Company, Inc., New York, N. Y. Air vent for containers having pumps. 1,475,038; Nov. 20.
Tunnell, Jesse F., Dallas, Tex. Well drill. 1,456,158; May 22.
Tunnicliffe, Charles T., Ann Arbor, Mich. Washing machine. 1,470,702; Oct. 16.
Tunstall, William B., Worcester, Mass. Player piano. 1,452,174; Apr. 17.
Tuomi, Uno E., Dallas, Tex. Window. 1,444,223; Feb. 6.
Turbayne, William A. (See Bauer, E., and Turbayne.)
Turbayne, William A., assignor to U. S. Light & Heat Corporation, Niagara Falls, N. Y. Electric regulator. 1,456,081; May 22.
Turbayne, William A., assignor to U. S. Light & Heat Corporation, Niagara Falls, N. Y. Starting and generating system. 1,468,056; Sept. 18.
Turbayne, William A., assignor to U. S. Light & Heat Corporation, Niagara Falls, N. Y. Electrical system. 1,478,011; Dec. 18.
Turbine Fuel Oil Burner Co. (See Hurd, Benjamin W., assignor.)
Turbo Carbureter Co. (See Smith, I. M., and Fykse, assignors.)
Turck, Eugen, Langerfeld, near Barmen, Germany. Manufacture of lace with a gauzelike ground. 1,447,526; Mar. 6.
Turck, Joseph A. V., Wilmette, assignor to Felt & Tarrant Mfg. Company, Chicago, Ill. Calculating machine. 1,449,639; Mar. 27.
Turck, Joseph S., Cicero, Ill. Apparatus for treating metals. 1,445,860; Feb. 20.
Turenne, Wilfred J., Danvers, Mass. Flatiron. 1,450,995; Apr. 10.
Turgeon, Edward, Minneapolis, Minn. Couch bed. 1,451,929; Apr. 17.
Turja, John E. (See Jacobson, J. W., and Turja.)
Turk, Max, Huron, S. Dak. Sweep rake. 1,446,597; Feb. 27.

Türk, Otto, and J. Kozisek, Charlottenburg, near Berlin, assignors to Siemens-Schuckert Werke G. m. b. H., Berlin, Germany. Alternating-current commutator motor. 1,456,658; May 29.
Turkovich, George, West Allis, Wis. Combination instrument. 1,465,746; Aug. 21.
Turn-O-Stop Manufacturing Corporation. (See Powers, Timothy B., assignor.)
Turnage, Julius M., Atlanta, Ga. Automobile display device. 1,449,710; Mar. 27.
Turnbull, William, Peoria, Ill., assignor to The Holt Manufacturing Company, Stockton, Calif. Chain-track tractor. 1,450,465; Apr. 3.
Turnbull, William, Peoria, Ill., assignor to The Holt Manufacturing Company, Stockton, Calif. Chain-track vehicle. 1,450,466; Apr. 3.
Turnbull, William, Peoria, Ill., assignor to The Holt Manufacturing Company, Stockton, Calif. Master clutch. 1,455,460; May 15.
Turnbull, William, Peoria, Ill., assignor to The Holt Manufacturing Company, Stockton, Calif. Steering and transmission mechanism. 1,474,742; Nov. 20.
Turner, Albert. (See Brown, G., and Turner.)
Turner, Albert. (See Norton, C. H., and Turner.)
Turner, Albert, assignor to Norton Company, Worcester, Mass. Uniformly-driven cam-grinding apparatus. 1,465,068; Aug. 14.
Turner, Albert, assignor to Norton Company, Worcester, Mass. Steady-rest shoe. 1,465,534; Aug. 21.
Turner, Annunziata, et al. (See Kelley, William H., assignor.)
Turner, Arthur J., Vancouver, British Columbia, Canada. Kettle top. 1,472,313; Oct. 30.
Turner, Calvin, Bangor, Me. Cooking utensil. 1,472,376; Oct. 30.
Turner, Carl D., Indianapolis, Ind. Vaporizing device for gasoline engines. 1,467,126; Sept. 4.
Turner, Charles G., Atlanta, Ga. Display container. Des. 62,072; Mar. 13.
Turner, Charles H., Statesville, N. C. Locking means for belt-tightening mechanism. 1,452,900; Apr. 24.
Turner, Charles L., Los Angeles, Calif. Bottle closure. 1,478,687; Dec. 25.
Turner, Claude A. P., Minneapolis, Minn., assignor to T. Wegener, Columbus, Ohio. Long-span bridge. 1,441,387; Jan. 9.
Turner, David E., Hampstead, London, England. Valve for internal-combustion engines. 1,467,742; Sept. 11.
Turner, David S. (See Perks W., Turner, and Williamson.)
Turner, Douglas, assignor to The Measuregraph Company, St. Louis, Mo. Throw-out connection for measuring machines. 1,446,281; Feb. 20.
Turner, Douglas, assignor to The Measuregraph Company, St. Louis, Mo. Fabric-measuring and cost-indicating machine. 1,448,369; Mar. 13.
Turner, Douglas, assignor by mesne assignments, to The Measuregraph Company, St. Louis, Mo. Knife for fabric-measuring machines. 1,449,021; Mar. 20.
Turner, Douglas, assignor to The Measuregraph Company, St. Louis, Mo. Cloth winding or measuring machine. 1,449,640; Mar. 27.
Turner, Douglas, assignor to The Measuregraph Company, St. Louis, Mo. Machine for measuring fabrics. 1,450,268; Apr. 3.
Turner, Douglas, assignor to The Measuregraph Company, St. Louis, Mo. Continuous fabric-measuring machine. 1,465,321; Aug. 21.
Turner, Douglas, assignor to The Measuregraph Company, St. Louis, Mo. Fabric- measuring machine. 1,465,322; Aug. 21.
Turner, Douglas, assignor to The Measuregraph Company, St. Louis, Mo. Calculating machine. 1,474,863; Nov. 20.
Turner, Earl W., Kokomo, Ind. Foot accelerator. 1,441,894; Jan. 9.
Turner, Earl W., Kokomo, Ind. Timer brush. 1,468,180; Sept. 18.
Turner, Ella, Chicago, Ill. Mangle attachment. 1,449,308; Mar. 20.
Turner, Ernest J. (See Howard, B. H., and Turner.)
Turner, Floyd F., assignor to The Haughton Elevator & Machine Co., Toledo, Ohio. Door lock for elevators. 1,448,776; Mar. 20.
Turner, Francis M., New York, N. Y. Purifying oleaginous substances. 1,448,581; Mar. 13.
Turner, Francis M., New York, N. Y. Apparatus for and process of refining vegetable and other oils. 1,448,582; Mar. 13.
Turner, George, Barberton, Ohio, assignor to The Diamond Match Company, Chicago, Ill. Machine for making match books. 1,459,038; June 19.
Turner, George S., New Brunswick, N. J. Puncturing attachment for collapsible tubes. 1,469,739; Oct. 2.
Turner, George W., Cleveland, Ohio. Incandescent electric lamp. 1,450,964; Apr. 10.
Turner, Gibson H., Electra, Tex. Wrench. 1,443,296; Jan. 23.
Turner, Harry G., Chicago, Ill. Engraving machine. 1,471,869; Oct. 23.
Turner, Henry B., Suisun, Calif. Combined rear light and license-plate carrier. 1,467,404; Sept. 11.
Turner, Henry R., Riverside, Calif., assignor of one-half to C. N. Wagner. Combination chair bed. 1,442,197; Jan. 16.
Turner, Hubert S., San Diego, Calif. Telephony. 1,451,896; Apr. 17.
Turner, James. (See Crabill, P. P., and Turner.)
Turner, James, Campbell, Calif. Fruit cutting and pitting machine. 1,464,836; Aug. 14.
Turner, James, and P. P. Crabill, Springfield, Ohio. Bumper for automobiles. 1,476,382; Dec. 4.
Turner, James P., Faulkton, S. Dak. Horseshoeing device. 1,461,297; July 10.
Turner, Jesse L., Little Rock, Ark. Pen-positioning device. 1,448,548; Mar. 13.
Turner, John, jr., assignor of one-half to W. Whittle, Rexfield, Iowa. Liquid dropper. 1,459,642; June 19.
Turner, John B., Fort Smith, Ark. Engine starter. 1,447,446; Mar. 6.
Turner, John C., Bridgeport, Conn. Mute for musical instruments. 1,445,115; Feb. 13.
Turner, Laurence B., Cambridge, England. Wireless telegraph receiver. 1,455,896; May 22.
Turner, Lewis L. (See Walker, P. H. D., and Turner.)
Turner, Mack F., Ottawa, Ill. Type-casting apparatus. 1,467,405; Sept. 11.
Turner, Nettie V., New Smyrna, Fla. Cooking apparatus. 1,455,312; May 15.
Turner, Peter A., et al. (See Kelley, William H., assignor.)
Turner, Ralph C., and E. T. Alston, Seattle, Wash.; said Turner assignor to said Alston. Device for riveting half soles on pneumatic rubber tires. 1,463,732; July 31.
Turner, Richard G., Malden, Mass. Loom. 1,441,611; Jan. 9.
Turner, Richmond K. (See Blandy, W. H. P., and Turner.)
Turner, Robert C., Columbus, Ohio, assignor, by mesne assignments, to Electropure Corporation, Detroit, Mich. Apparatus for purifying liquids. 1,477,088; Dec. 11.
Turner, Roy J., San Francisco, Calif., assignor to Efficiency File Co., Chicago, Ill. Desk organizer. 1,463,733; July 31.
Turner & Seymour Manufacturing Company. (See Green, James A., assignor.)
Turner & Seymour Manufacturing Company. (See Hills, Sidney C., assignor.)
Turner, Stanley A., Detroit, Mich. Cardcase. 1,448,777; Mar. 20.
Turner Tanning Machinery Company, The. (See Schettler, Gustav A., assignor.)
Turner, Thomas W., Minneapolis, Minn. Terminal. 1,446,598; Feb. 27.
Turner, Walter V., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electric-battery-control device. 1,454,526; May 8.
Turner, William, East Chicago, Ind. Earthworking device. 1,456,860; May 29.
Turner, William J., Seekonk, Mass. Trap. 1,454,988; May 15.
Turner, William P., Oakland, Iowa. Stock waterer. 1,477,467; Dec. 11.
Turney, Eugene T., Laboratories, Inc. (See Turney, Eugene T., assignor.)
Turney, Eugene T., Holmes, N. Y., assignor to Eugene T. Turney Laboratories, Inc., Newark, N. J. Variable inductance. 1,445,422; Feb. 13.
Turngren, Charles G., Harvey, Ill. Valve lathe. 1,462,669; July 24.
Turnquist, Anna S., Minneapolis, Minn. Vanity case. 1,475,039; Nov. 20.
Turnquist, Edward A., Wabash, Ind. Universal joint. 1,475,462; Nov. 27.
Turnquist, Edwin O. (See Johnson, Sigurd W., assignor.)
Turnwald, Wolfgang, Syracuse, N. Y., assignor to Stumpf Una-Flow Engine Company. Valve-controlling mechanism. 1,478,843; Dec. 25.
Turpin, Fay, assignor to Research Club, Inc., Chicago, Ill. Sign or similar article. Des. 63,381; Nov. 27.
Turpin, George W., Cleveland, Ohio. Device for producing waves in the hair. 1,452,577; Apr. 24.
Turpin, Henry E., Oakland, Calif. Head protector. 1,447,106; Feb. 27.
Tursky, Charles M., New York, N. Y. Combination compressor and vacuum pump. 1,478,929; Dec. 25.
Turton, William H., Cleveland, Ohio. Tire holder and locking bar. 1,441,312; Jan. 9.
Tuska, Clarence D., Hartford, Conn. Condenser. 1,468,653; Sept. 25.
Tuska, Clarence D., Hartford, Conn., assignor to Dubilier Condenser and Radio Corporation, New York, N. Y. Condenser. Re15,689; Sept. 25.
Tuso, Domenico, Burbank, Calif. Amusement device. 1,461,075; July 10.
Tust, Gustav, San Francisco, Calif. Ship-propelling device. 1,471,870; Oct. 23.
Tuthill, Victor M., assignor to Baldwin, Tuthill & Bolton, Grand Rapids, Mich. Grinding-wheel-truing device. 1,464,959; Aug. 14.
Tutt, Alonzo C., Galena, Kans., and L. F. Snelson, Joplin, Mo. Paint. 1,448,284; Mar. 13.

Tutt, Montague W., assignor of one-half to Hulburd Engineering Company, Limited, London, England. Force pump. 1,462,308; July 17.
Tuttle, Beeri H., Absarokee, Mont. Haystacker. 1,476,857; Dec. 11.
Tuttle, John C., assignor to The Firestone Tire and Rubber Company, Akron, Ohio. Solid tire. 1,475,094; Nov. 20.
Tuttle, Merritt I., Fromberg, Mont., and L. L. Hill, Yellowstone Park, Wyo. Water-power motor. 1,466,861; Sept. 4.
Tuttle, R. A., Company. (See Hartgens, Diedrich, assignor.)
Tuttle, Wallace W., Detroit, Mich. Tractor wheel. 1,461,951; July 17.
Tuttle, Wallace W., Detroit, Mich. Expanding arbor. 1,467,821; Sept. 11.
Tuttle, Walter I., Providence, R. I. Valve-grinding apparatus. 1,468,055; Sept. 18.
Tuttle, Walter I., Providence, R. I. Film-reel construction. 1,478,408; Dec. 25.
Tuttle, Walter I., Providence, R. I., assignor to Frank Mossberg Company, Attleboro, Mass. Construction for beams. 1,441,462; Jan. 9.
Tuttle, Walter I., Providence, R. I., assignor to Frank Mossberg Company, Attleboro, Mass. Chain construction. 1,446,139; Feb. 20.
Tuttle, Walter I., Providence, R. I., assignor to Frank Mossberg Company, Attleboro, Mass. Valve-spring-lifting device. 1,447,190; Mar. 6.
Tuttle, Walter I., Providence, R. I., assignor to Frank Mossberg Company, Attleboro, Mass. Mounting for bobbins. 1,454,660; May 8.
Tuttle, Walter I., Providence, R. I., assignor to Frank Mossberg Company, Attleboro, Mass. Beam construction. 1,468,054; Sept. 18.
Tuttle, Walter I., Providence, R. I., assignor to Frank Mossberg Company, Attleboro, Mass. Construction for beams and the like. 1,473,410; Nov. 6.
Tuttle, Walter I., Providence, R. I., assignor to Frank Mossberg Company, Attleboro, Mass. Head construction for beams and the like. 1,475,209; Nov. 27.
Tuttle, Walter I., Providence, R. I., assignor to Frank Mossberg Company, Attleboro, Mass. Handle construction for braces and the like. 1,478,409; Dec. 25.
Tuttle, Walter I., Providence, R. I., assignor to Frank Mossberg Company, Attleboro, Mass. Beam construction. 1,478,805; Dec. 25.
Tuvcak, Joseph. (See Poleski, J. and Tuvcak.)
Tvedt, Thomas T., Brooklyn, N. Y. Plane. 1,440,649; Jan. 2.
Tverdahl, Edward A., assignor of one-half to J. F. Davis, Chicago, Ill. Rebound-check shock absorber. 1,477,299; Dec. 11.
Twardowsky, John. (See Hanson, C. C., and Twardowsky.)
Twardowsky, John, assignor, by mesne assignments, to Universe Corporation, Chicago, Ill. Compressor. 1,450,122; Mar. 27.
Twardowsky, John, assignor, by mesne assignments, to Universe Corporation, Chicago, Ill. Check valve. 1,476,383; Dec. 4.
Tweedie, Charles, Jefferson City, Mo. Boot top. Des. 63,596; Dec. 18.
Tweedie, Charles, Jefferson City, Mo. Legging. Des. 63,597; Dec. 18.
Tweedy, Edmund F., Glenbrook, Conn. Electric-incandescent-lamp holder. 1,460,394; July 3.
Tweel, Abraham. (See Engle, B., and Tweel.)
Twells, Arthur H., Leicester, England. Valve gear of duplex pumps. 1,453,029; Apr. 24.
Twesme, Albert T. (See Hurley, Roy F., assignor.)
Twiford, William R., Miami, Fla. Wind motor. 1,467,962; Sept. 11.
Twigg, Albert, Garrett, Pa. Compartment pail. 1,456,951; May 29.
Twigg, Walter R., Luton, England. Gas-fired furnace. 1,463,104; July 24.
Twin Bobbin Sewing Machine Company, The. (See Potter, J. O., and Cooper, assignors.)
Twin City Brick Company. (See Koch, William C., assignor.)
Twin Disc Clutch Company. (See Fawick, Thomas L., assignor.)
Twining, Ralph H., Marquette, Mich. Distillation apparatus. 1,453,735; May 1.
Twiss, Paul E., Swampscott, Mass., assignor to General Electric Company. Controlling mechanism for electric vehicles and the like. 1,457,759; June 5.
Twist, Albert E. (See Smith, H. R., and Twist.)
Twist Seal Company. (See Campbell, Layard, assignor.)
Twitchell, Charles R., et al. (See Sweet, Alvin H., assignor.)
Twitchell, Herbert E., assignor of one-half to A. Kriegenhofer, Hamilton, Ohio. Antiskid chain. 1,450,314; Apr. 3.
Twogood, Ernest N., Schenectady, N. Y., assignor to General Electric Company. Shaft coupling. 1,460,001; June 26.
Twogood, Ralph S., Berkeley, Calif. Household furnace. 1,464,892; Aug. 14.
Twomley, Herbert E., assignor to G. D. Parker, Riverside, Calif. Reduction gear. 1,456,200; May 22.
Twomley, Herbert E., assignor to G. D. Parker, Riverside, Calif. Variable-speed-transmitting mechanism. 1,465,796; Aug. 21.
Tworski, Martin, Vancouver, British Columbia, Canada. Insubmergible vessel. 1,448,607; Mar. 13.
Twyman, Frank, assignor to Adam Hilger, Limited, London, England. Annealing and apparatus used therein. 1,457,883; June 5.
Tybout, Richard R., Philadelphia, Pa. Food-material heater. 1,448,608; Mar. 13.
Tyd, Herman, Valley Stream, N. Y. Combined presser foot and needle guard. 1,468,934; Sept. 25.
Tyden, Emil, Evanston, Ill. Mounting means for motor and drive connections. 1,444,285; Feb. 6.
Tyden, Emil, Evanston, Ill. Seal locking device. 1,462,588; July 24.
Tydings, John, Philadelphia, Pa. Receptacle-supporting bracket. 1,455,557; May 15.
Tygard, Elizabeth A. (See Tygard, James W. and E. A.)
Tygard, Harry L., Pittsburgh, and G. M. Hamilton, Oakmont, Pa. Fuel-control mechanism for internal-combustion engines. 1,449,074; Mar. 20.
Tygard, James W. and E. A., Toronto, Ontario, Canada. Mechanical vaporizing oil burner. 1,473,891; Nov. 13.
Tyler, Leslie A., Salamanca, N. Y. Bottle-cap remover. 1,449,309; Mar. 20.
Tyler, Lula H. (See Staaf, Werner I., assignor.)
Tyler, Ralph S., Cleveland Heights, assignor to The Chandler and Price Company, Cleveland, Ohio. Printing press. No. 1,457,717; June 5.
Tyler, Stephen L., Brooklyn, N. Y. Absorption and condensing apparatus. 1,475,327; Nov. 27.
Tyler, Warren C., East Orange, N. J., assignor to Bennington Scale Mfg. Co., Inc., Bennington, Vt. Power-transmission mechanism. 1,470,947; Oct. 16.
Tyner, Eva., Canon City, Colo. Candy. Des. 62,462; June 5.
Tyner, Willard M., Bethany, Mo. Baseball-Umpire's Indicator. 1,464,227; Aug. 7.
Typewriters Hillardized Inc. (See Hillard, Frederic W., assignor.)
Tyrrell, Richard G., Cranberry Creek, N. Y. Fish measure. 1,474,804; Nov. 20.
Tyskiewicz, Adam, Rothschild, Wis. Concrete mold. 1,446,950; Feb. 27.
Tzibides, James N., Brooklyn, N. Y., assignor to R. J. Reynolds Tobacco Company. Machine for sealing cigarette packages or the like. 1,467,018; Sept. 4.
Tzibides, James N., Brooklyn, N. Y., assignor to R. J. Reynolds Tobacco Company. Machine for handling cigarette packages or the like. 1,467,019; Sept. 4.
Tzibides, James N., Brooklyn, N. Y., assignor to R. J. Reynolds Tobacco Company. Machine for handling packages. 1,467,020; Sept. 4.
Tzibides, James N., New York, N. Y., assignor to R. J. Reynolds Tobacco Company, Winston-Salem, N. C. Label-applying device. 1,467,021; Sept. 4.
U. G. I. Contracting Company, The. (See Fulweiler, Walter H., assignor.)
U. S. Ball Bearing Manufacturing Company. (See Dlesk, John, assignor.)
U. S. Bobbin & Shuttle Co. (See Stetson, Frank H., assignor.)
U. S. Industrial Alcohol Co. (See Backhaus, Arthur A., assignor.)
U. S. Industrial Alcohol Co. (See Carter, Ray M., assignor.)
U. S. Industrial Alcohol Co. (See Schreiber, Walter T., assignor.)
U. S. Industrial Alcohol Co. (See Willkie, Herman F., assignor.)
U. S. Light & Heat Corporation. (See Bliss, William L., assignor.)
U. S. Light & Heat Corporation. (See Carpenter, Campbell C., assignor.)
U. S. Light & Heat Corporation. (See Turbane, William A., assignor.)
U. S. Slicing Machine Company. (See Folk, Joseph, assignor.)
U. S. Slicing Machine Company. (See Stukart, Hendrik, assignor.)
Uberroth, Frank E. P., Newport, R. I., assignor to Government of the United States. Torpedo. 1,474,391; Nov. 20.
Uberto, Amedeo L., Oakland, Calif. Household refrigerator. No. 1,457,950; June 5.
Ubil, Zachary T., Philadelphia, Pa. Device for operating automobile signals. 1,462,776; July 24.
Ucar, Florencio C., Madrid, Spain. Means for establishing a voltaic arc between electrodes not in contact. 1,453,030; Apr. 24.
Udale, Stanley M., assignor to G. M. Holley, Detroit, Mich. Carburetor. 1,443,601; Jan. 30.
Uecker, Erich, Wetmore, Tex. Automatic coupling for vehicles. 1,448,950; Mar. 20.
Uggla, Wilhelm R., and G. A. F. Wallgren, Harnosand, Sweden. Toothed wheel. 1,453,031; Apr. 24.
Ugnon, Claudius, J. Galoppa, and C. Saldarini, assignors to Riverside Engineering Co. Inc., Paterson, N. J. Mangle or quetch. 1,452,715; Apr. 24.
Uhl, Clyde, Bartlesville, Okla. Hoisting machine. 1,455,897; May 22.

Uhl, Robert E., Greenfield, Ohio, assignor to Pioneer Suspender Company. Supporter. 1,466,682; Sept. 4.
Uhl, William, assignor of one-half to H. B. Wardin, Rochester, N. Y. Fountain pen. 1,470,405; Oct. 9.
Uhlemann, Theodore F., assignor to Nicholas Power Company, Inc., New York, N. Y. Film guide for motion-picture machines. 1,455,367; May 15.
Uhlemann, Theodore F., Glen Morris, N. Y., assignor to Nicholas Power Company, Inc., New York, N. Y. Tension device for moving-picture machines. 1,455,368; May 15.
Uhlemann, Theodore F., assignor to Nicholas Power Company, New York, N. Y. Cable terminal for arc lamps. 1,456,746; May 29.
Uhlig, Charles M. (See Craddick, W. F., and Uhlig.)
Uhlinger, Roy H. (See Brownlee, R. H., and Uhlinger.)
Uhr, Nils W. (See Wigelius, S. G., and Uhr.)
Uhrenfabrik vorm. L. Furtwängler Söhne A.-G. (See Lerche, Julius, assignor.)
Uiberall, Fritz. (See Hajek, O., and Uiberall.)
Ulbrich, Hugh J. (See De Orlow, Stephen, assignor.)
Ulke, Titus, Washington, D. C. Art of and apparatus for hydrogenating carbonaceous material. 1,445,423; Feb. 13.
Ulke, Titus, Washington, D. C. Apparatus for hydrogenating carbonaceous material. 1,449,875; Mar. 27.
Ullman, Albert, assignor to The Scott-Ullman Company, Cleveland, Ohio. Lighting fixture. Des. 62,752; July 24.
Ullman, Albert, assignor to Scott-Ullman Company, Cleveland, Ohio. Arm for lighting fixtures. Des. 63,245; Nov. 6.
Ullman, Albert, assignor to The Scott-Ullman Company, Cleveland, Ohio. Chandelier. Des. 63,598; Dec. 18.
Ullman, Jacob K., New Haven, Conn. Fountain inkwell. 1,458,863; June 12.
Ullman, Louis, New York, N. Y. Method of and apparatus for removing and replacing bearing sleeves of propeller shafts. 1,459,269; June 19.
Ullom, Ellis R., Milburn, Nebr. Scoop board. 1,445,571; Feb. 13.
Ullrich, Arthur, Frankfort-on-the-Main, Germany. Manufacture of diphenylene diketones as anthraquinone or its derivatives. 1,466,683; Sept. 4.
Ullrich, Arthur, Frankfort-on-the-Main, Germany. Manufacture of diphenylene diketones as anthraquinone or its derivatives. 1,467,258; Sept. 4.
Ullrich, John, Salt Lake City, Utah. Tree holder. 1,463,734; July 31.
Ullrich, Richard, Wels, Austria. Electric heater. 1,451,636; Apr. 10.
Ulmer, Philip T. (See Neale, Charles C., assignor.)
Ulp, Alfred R., Pasadena, Calif. Spring-lubricating protector. 1,453,421; May 1.
Ulrich, Carl J., Mankato, assignor of one-fourth to W. A. Miller and one-fourth to S. R. Clark, Minneapolis, Minn. Grapefruit corer. 1,463,233; July 31.
Ulrich, Edward F., assignor to Toledo Scale Company, Toledo, Ohio. Load-counterbalancing mechanism. 1,454,089; May 8.
Ulrich, Everett L., Bradner, Ohio. Carpenter's plane. 1,448,044; Mar. 13.
Ulrich, Horace W., East Orange, N. J., assignor to Western Electric Company Incorporated, New York, N. Y. Telephone-exchange system. 1,463,082; Aug. 7.
Ulrich, Sebastien, Akron, Ohio. Locking attachment for doors. 1,477,731; Dec. 18.
Ulrich, William. (See Otto, W. H., and Ulrich.)
Ultra Earphone Co. (See Mansbendel, Fritz P., assignor.)
Umberger, Bascum L. (See Holland, Samuel O., assignor.)
Umble, Eck A., Denver, Colo. Electric heater. 1,447,107; Feb. 27.
Uncas Manufacturing Company. (See Sorrentino, Vincent, assignor.)
Unchokeable Pump, Limited. (See Hazell, John S., assignor.)
Underfeed Stoker Company. (See Robey, Ernest W., assignor.)
Underfeed Stoker Company Limited. (See Wood, W. R., and Robey, assignors.)
Underfeed Stoker Company of America, The. (See Blackburn, A. H., and Fleming, assignors.)
Underfeed Stoker Company of America, The. (See Howse, Curtes L., assignor.)
Underwood, Charles E., assignor to Bethlehem Steel Company, Bethlehem, Pa. Apparatus for sealing openings. 1,440,424; Jan. 2.
Underwood Computing Machine Company. (See Ansart, Louis L., assignor.)
Underwood Computing Machine Company. (See Conard, Frederick U., assignor.)
Underwood Computing Machine Company. (See Corell, Clifton B., assignor.)
Underwood Computing Machine Company. (See Davis, F. K., and Taylor, assignors.)
Underwood Computing Machine Company. (See Keene, Wendell P., assignor.)
Underwood Computing Machine Company. (See Kupetz, Adolph G., assignor.)
Underwood Computing Machine Company. (See Pitman, Henry L., assignor.)
Underwood Computing Machine Company. (See Stickney, Burnham C., assignor.)
Underwood Computing Machine Company. (See Vance, Rice B., assignor.)
Underwood Computing Machine Company. (See Vickers, Harry H., assignor.)
Underwood Computing Machine Company. (See Wright, Walter, assignor.)
Underwood, Elmer L. (See Braun, O. N., Nichols, and Underwood.)
Underwood, Ernest E., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic-shutter-operating device. 1,457,563; June 5.
Underwood, Frank, Memphis, Tenn. Air choke for carburetors. 1,477,397; Dec. 11.
Underwood, George F., London, England. Means for the production of load-carrying surfaces. 1,478,995; Dec. 25.
Underwood, George F., London, and W. Luffsmith, Brighton, assignors to Plantation Rubber Manufacturing Company Limited, London, England. Rubber glove. 1,469,029; Sept. 25.
Underwood, George T., Maxwell, Calif. Liquid-fuel burner. 1,459,482; June 19.
Underwood, Henry V., assignor of one-third to C. E. Hutchison, Mount Holly, N. C. Can-turning mechanism. 1,469,740; Oct. 2.
Underwood, James G., Syracuse, N. Y. Knitted fabric for garments. Des. 62,093; Mar. 13.
Underwood, Norman, Oakton, Va. Preparing chrome pigments. 1,441,612; Jan. 9.
Underwood, Percival G., Philadelphia, Pa., assignor to Graff-Underwood Company, Somerville, Mass. Picture hanger. 1,478,461; Dec. 25.
Underwood Typewriter Company. (See Allard, J Frank, assignor.)
Underwood Typewriter Company. (See Bond, Joseph W., assignor.)
Underwood Typewriter Company. (See Campbell, George W., assignor.)
Underwood Typewriter Company. (See Corcoran, Cornelius B., assignor.)
Underwood Typewriter Company. (See Davidson, Joshua E., assignor.)
Underwood Typewriter Company. (See Dewing, Henry A., assignor.)
Underwood Typewriter Company. (See Doane, John C., assignor.)
Underwood Typewriter Company. (See Dobson, William A., assignor.)
Underwood Typewriter Company. (See Doody, John E., assignor.)
Underwood Typewriter Company. (See Fowler, Ewell E., assignor.)
Underwood Typewrifer Company. (See Guignard, Edwin M. F., assignor.)
Underwood Typewriter Company. (See Helmond, William F., assignor.)
Underwood Typewriter Company. (See Herrman, Charles, assignor.)
Underwood Typewriter Company. (See Hulse, William H., assignor.)
Underwood Typewriter Company. (See Jacobs, Henry, assignor.)
Underwood Typewriter Company. (See Johnson, Arthur A., assignor.)
Underwood Typewriter Company. (See Kurowski, Alfred G. F., assignor.)
Underwood Typewriter Company. (See Lasher, Hiram S., assignor.)
Underwood Typewriter Company. (See Miller, Charles T., jr., assignor.)
Underwood Typewriter Company. (See Moloney, John H., assignor.)
Underwood Typewriter Company. (See Neahr, Jacob E., assignor.)
Underwood Typewriter Company. (See Oswald, Alfred E., assignor.)
Underwood Typewriter Company. (See Peterson, Edwin A., assignor.)
Underwood Typewriter Company. (See Pitman, Henry L., assignor.)
Underwood Typewriter Company. (See Sheehy, Jeremiah J., assignor.)
Underwood Typewriter Company. (See Smith, Jesse A. B., assignor.)
Underwood Typewriter Company. (See Stickney, Burnham C., assignor.)
Underwood Typewriter Company. (See Thomas, Edward, assignor.)
Underwood Typewriter Company. (See Waldheim, John, assignor.)
Underwood Typewriter Company. (See Wherry, John A., assignor.)
Undy, Charles, assignor to Valley Forge Cutlery Company, Newark, N. J. Tool. 1,467,661; Sept. 11.
Unger, Benjamin V., New Haven, Conn. Tool for tire rims. 1,450,965; Apr. 10.
Unger, Hervey W., Falconer, N. Y. Yarn-inspecting machine. 1,459,865; June 26.
Unger, John W., and H. Labann, Sioux City, Iowa. Drinking fountain for stock. 1,458,450; June 12.

Alphabetical list of patentees—Continued.

Unger, Morris, Pittsburgh, Pa. Amusement device. 1,454,775; May 8.
Unger, William, Wooster, Ohio. Constructing brushes. 1,451,350; Apr. 10.
Unglaube, Herbert M. C., assignor to the Firm of "Date" Laboratoriums- und Industrie-Bedarf, G. m. b. H., Hamburg, Germany. Mercury-vapor jet pump. 1,465,030; Aug. 14.
Uni-Form Company. (See Ambursen, Nils F., assignor.)
Union Asbestos & Rubber Company. (See Gillies, William R., assignor.)
Union Bed and Spring Company. (See Ford, Ben K., assignor.)
Union Carbide & Carbon Research Laboratories, Inc. (See Becket, Frederick M., assignor.)
Union Carbide & Carbon Research Laboratories. (See Benner, Raymond C., assignor.)
Union Carbide & Carbon Research Laboratories, Inc. (See Critchett, James H., assignor.)
Union Carbide & Carbon Research Laboratories, Inc. (See Heise, George W., assignor.)
Union Carbide & Carbon Research Laboratories, Inc. (See Heise, G. W., and Thompson, assignors.)
Union Carbide & Carbon Research Laboratories, Inc. (See Taylor, Robert B., assignor.)
Union Carbide Company. (See Curme, G. O., jr., and Heyn, assignors.)
Union Carbide Company. (See Curme, G. O., jr., and Young, assignors.)
Union Cutlery Company. (See Watson, William F., assignor.)
Union Drawn Steel Company, The. (See Richardson, Harry H., assignor.)
Union Industrial Company. (See Forbes, Sumner, assignor.)
Union Iron Works. (See Temple, Frank J., assignor.)
Union Machinery Company. (See Streich, Frank, assignor.)
Union Metal Manufacturing Company, The. (See Barrick, Donald C., assignor.)
Union Metal Manufacturing Company, The. (See Drumm, Herbert C., assignor.)
Union Metal Products Company. (See Cox, Millard F., assignor.)
Union Metal Products Company. (See Gilpin, Garth G., assignor.)
Union Metal Products Company. (See Hunt, R., and Freeman, assignors.)
Union Metal Products Company. (See Sisson, Vinton E., assignor.)
Union Paper Company. (See Holt, Joseph W., assignor.)
Union Pharmacal Company. (See Dodson, Carroll E., assignor.)
Union Radio Corporation. (See Austrian, Ralph B., assignor.)
Union Special Machine Company. (See Chalman, John E., assignor.)
Union Special Machine Company. (See Gerber, John G., assignor.)
Union Special Machine Company. (See Heap, Jesse J., assignor.)
Union Special Machine Company. (See Hughes, Robert R., jr., assignor.)
Union Special Machine Company. (See Kershner, Benjamin V., assignor.)
Union Special Machine Company. (See Moffatt, James R., assignor.)
Union Special Machine Company. (See Moffatt, J. R., and Kelso, assignors.)
Union Special Machine Company. (See Seymour, Dudley S., assignor.)
Union Special Machine Company. (See Tate, Samuel G., assignor.)
Union Special Machine Company. (See Thompson, Arthur E., assignor.)
Union Steam Pump Company. (See Smith, Karl D., assignor.)
Union Switch & Signal Company. (See Castleman, Frank M., assignor.)
Union Switch & Signal Company. (See Lay, Charles H., assignor.)
Union Switch & Signal Company. (See McCann, R. A., and Lewis, assignors.)
Union Switch & Signal Company, The. (See Beall, C. R., and Gilson, assignors.)
Union Switch & Signal Company, The. (See Day, Albert V. T., assignor.)
Union Switch & Signal Company, The. (See Gilson, Robert M., assignor.)
Union Switch & Signal Company, The. (See Holliday, John S., assignor.)
Union Switch & Signal Company, The. (See Howard, Lemuel F., assignor.)
Union Switch & Signal Company, The. (See Lewis, Lloyd V., assignor.)
Union Switch & Signal Company, The. (See McCann, Ronald A., assignor.)
Union Switch & Signal Company, The. (See Neubert, Walter P., assignor.)
Union Switch & Signal Company, The. (See Nicholson, Frank H., assignor.)
Union Switch & Signal Company, The. (See Wallace, Herbert A., assignor.)
Union Switch & Signal Company, The. (See Wells, Wesley B., assignor.)
Union Tool Company. (See Foster, Clarence B., assignor.)
Union Tool Company. (See Zerbe, Lewis E., assignor.)
Union Trust Company, The, trustee. (See Egler, Nicolas F., assignor.)
Unit Coin Device Manufacturing Corporation. (See Ihrig, E. E., and Schneider, assignors.)
United Air Spring Company of Arizona. (See Seibel, Henry, assignor.)
United Alloy Steel Corporation. (See Caldwell, William L., assignor.)
United Alloy Steel Corporation. (See Frahm, Carl A., assignor.)
United Alloy Steel Corporation. (See Jamison, Charles R., assignor.)
United Alloy Steel Corporation. (See Lehman, Edward G., assignor.)
United Alloy Steel Corporation. (See McKenzie, Angus, assignor.)
United Alloy Steel Corporation. (See Poister, Ralph S., assignor.)
United Alloy Steel Corporation. (See Sturm, Joseph, assignor.)
United Chemical and Organic Products Company. (See Howell, Sylvester S., assignor.)
United Cigarette Machine Co. (See Harwood, Aubrey H., assignor.)
United Cigarette Machine Co. (See Koerner, Ewald, assignor.)
United Concrete Pipe Company. (See Peterson, Earl L., assignor.)
United Electric Company. (See Paulus, George R., assignor.)
United Electric Company, The. (See Friend, David H., assignor.)
United Engineering and Foundry Company. (See Johnson, Lane, assignor.)
United Engineering & Foundry Company. (See Jones, Lloyd, assignor.)
United Fig & Date Company, The. (See Castruccio, Giuseppe M., assignor.)
United Filters Corporation. (See Naugle, John J., assignor.)
United Filters Corporation. (See Sweetland, Ernest J., assignor.)
United Hydro-Carbons Company. (See Clarke, Alexander, assignor.)
United Lace & Braid Mfg. Co. (See Titus, Albert G., assignor.)
United Last Company. (See Schelter, George G., assignor.)
United Last Company. (See Wegner, Fred, assignor.)
United Machinery Company, The. (See Cover, Ralph, assignor.)
United Machinery Company, The. (See Leister, William H., assignor.)
United Metal Box Co. (See Hammer, Samuel, assignor.)
United Metal Seal Company. (See Berg, Carl O., assignor.)
United Metal Spinning Co. (See Macke, Karl, assignor.)
United Mines and Manufacturing Company, The. (See Kohler, Ernest, assignor.)
United Printing Machinery Company. (See Stevens, Frank C., assignor.)
United Printing Machinery Company. (See Upham, B. F., Belluche, and Hornig, assignors.)
United Shoe Machinery Corporation. (See Ashton, Orrell, assignor.)
United Shoe Machinery Corporation. (See Ashworth, Fred, assignor.)
United Shoe Machinery Corporation. (See Balcom, Frederick J., assignor.)
United Shoe Machinery Corporation. (See Ballard, Milton H., assignor.)
United Shoe Machinery Corporation. (See Bates, Arthur, assignor.)
United Shoe Machinery Corporation. (See Bates, A., and Minett, assignors.)
United Shoe Machinery Corporation. (See Baxter, William C., assignor.)
United Shoe Machinery Corporation. (See Bazzoni, Lewis J., assignor.)
United Shoe Machinery Corporation. (See Benjamin, John M., assignor.)
United Shoe Machinery Corporation. (See Bertrand, Frederic E., assignor.)
United Shoe Machinery Corporation. (See Bradford, C. M., and Bunker, assignors.)
United Shoe Machinery Corporation. (See Brennan, William J., assignor.)
United Shoe Machinery Corporation. (See Brice, A. W., and Hamann, assignors.)
United Shoe Machinery Corporation. (See Brock, Matthias, assignor.)
United Shoe Machinery Corporation. (See Brogan, James A., assignor.)
United Shoe Machinery Corporation. (See Brothers, Eli, assignor.)
United Shoe Machinery Corporation. (See Buckminster, Ira C., assignor.)

United Shoe Machinery Corporation. (See Bunker, Darius W., assignor.)
United Shoe Machinery Corporation. (See Capp, Harry N., assignor.)
United Shoe Machinery Corporation. (See Casgrain, Louis A., assignor.)
United Shoe Machinery Corporation. (See Cheney, William G., assignor.)
United Shoe Machinery Corporation. (See Christy, Frank W., assignor.)
United Shoe Machine Corporation. (See Clary, Burton N., assignor.)
United Shoe Machinery Corporation. (See Conner, Charles E., assignor.)
United Shoe Machinery Corporation. (See Cosgrove, J. W., and Julian, assignors.)
United Shoe Machinery Corporation. (See Doulett, Henry T., assignor.)
United Shoe Machinery Corporation. (See Dow, Harry E., assignor.)
United Shoe Machinery Corporation. (See Duplessis, René E., assignor.)
United Shoe Machinery Corporation. (See Dyer, Newell V., assignor.)
United Shoe Machinery Corporation. (See Eaton, Harrison H., assignor.)
United Shoe Machinery Corporation. (See Elliott, Harry D., assignor.)
United Shoe Machinery Corporation. (See Engel, Karl, assignor.)
United Shoe Machinery Corporation. (See Enslin, Herbert E., assignor.)
United Shoe Machinery Corporation. (See Eppler, Andrew, assignor.)
United Shoe Machinery Corporation. (See Erickson, Edward, assignor.)
United Shoe Machinery Corporation. (See Farrar, Frederick W., assignor.)
United Shoe Machinery Corporation. (See Ferguson, George, assignor.)
United Shoe Machinery Corporation. (See Fossa, Joseph, assignor.)
United Shoe Machinery Corporation. (See Fowler, Alfred B., assignor.)
United Shoe Machinery Corporation. (See Fraher, Philip H., assignor.)
United Shoe Machinery Corporation. (See Furber, Frederick M., assignor.)
United Shoe Machinery Corporation. (See Gifford, John H., assignor.)
United Shoe Machinery Corporation. (See Glass, Perley R., assignor.)
United Shoe Machinery Corporation. (See Glidden, Harvey L., assignor.)
United Shoe Machinery Corporation. (See Goddu, George, assignor.)
United Shoe Machinery Corporation. (See Goddu, G., and MacKenzie, assignors.)
United Shoe Machinery Corporation. (See Gookin, Sylvester L., assignor.)
United Shoe Machinery Corporation. (See Gorman, Henry B., assignor.)
United Shoe Machinery Corporation. (See Gouldbourn, Joseph, assignor.)
United Shoe Machinery Corporation. (See Gouldbourn, J., and Jackson, assignors.)
United Shoe Machinery Corporation. (See Grush, Elmer B., assignor.)
United Shoe Machinery Corporation. (See Hardie, John C., assignor.)
United Shoe Machinery Corporation. (See Hart, Fred V., assignor.)
United Shoe Machinery Corporation. (See Heys, John J., assignor.)
United Shoe Machinery Corporation. (See Hill, George S., assignor.)
United Shoe Machinery Corporation. (See Holmgren, Eric A., assignor.)
United Shoe Machinery Corporation. (See Hubbard, William, assignor.)
United Shoe Machinery Corporation. (See Hudson, Albert E., assignor.)
United Shoe Machinery Corporation. (See Hudson, A. E., and Willson, assignors.)
United Shoe Machinery Corporation. (See Hunt, Chester, assignor.)
United Shoe Machinery Corporation. (See Hurd, William R., 2d, assignor.)
United Shoe Machinery Corporation. (See Jacques, George W., assignor.)
United Shoe Machinery Corporation. (See Jerram, Arthur E., assignor.)
United Shoe Machinery Corporation. (See Johnson, Albert E., assignor.)
United Shoe Machinery Corporation. (See Johnson, Albert E. and M. E., assignors.)
United Shoe Machinery Corporation. (See Julian, Gideon J., assignor.)
United Shoe Machinery Corporation. (See Keall, Frank B., assignor.)
United Shoe Machinery Corporation. (See Keyes, Eugene L., assignor.)
United Shoe Machinery Corporation. (See King, William B., assignor.)
United Shoe Machinery Corporation. (See Knott, Clyde L., assignor.)
United Shoe Machinery Corporation. (See Knowlton, Cutler D., assignor.)
United Shoe Machinery Corporation. (See La Chapelle, Fred N., assignor.)
United Shoe Machinery Corporation. (See Latham, Albert, assignor.)
United Shoe Machinery Corporation. (See Laud, Thomas, assignor.)
United Shoe Machinery Corporation. (See Lee, Barnard S., assignor.)
United Shoe Machinery Corporation. (See Leveque, Bernard T., assignor.)
United Shoe Machinery Corporation. (See Lund, Thomas, assignor.)
United Shoe Machinery Corporation. (See Mackenzie, Fred L., assignor.)
United Shoe Machinery Corporation. (See Mayo, Benjamin F., assignor.)
United Shoe Machinery Corporation. (See McIntire, James E., assignor.)
United Shoe Machinery Corporation. (See Megathlin, R. S., and Hudson, assignors.)
United Shoe Machinery Corporation. (See Meyer, William C., assignor.)
United Shoe Machinery Corporation. (See Morley, Denys W., assignor.)
United Shoe Machinery Corporation. (See Norton, James G., assignor.)
United Shoe Machinery Corporation. (See Perry, Frederick H., assignor.)
United Shoe Machinery Corporation. (See Pope, Joseph H., assignor.)
United Shoe Machinery Corporation. (See Pym, Charles F., assignor.)
United Shoe Machinery Corporation. (See Ray, Eugene J., assignor.)
United Shoe Machinery Corporation. (See Ricks, F., and Richards, assignors.)
United Shoe Machinery Corporation. (See Rigby, John H., assignor.)
United Shoe Machinery Corporation. (See Roberts, William T. B., assignor.)
United Shoe Machinery Corporation. (See Rumney, Fred A., assignor.)
United Shoe Machinery Corporation. (See Seely, Thomas H., assignor.)
United Shoe Machinery Corporation. (See Shackley, Moses E., assignor.)
United Shoe Machinery Corporation. (See Sherman, Fred S., assignor.)
United Shoe Machinery Corporation. (See Simmons, Ralph C., assignor.)
United Shoe Machinery Corporation. (See Smith, Robert B., assignor.)
United Shoe Machinery Corporation. (See Smith, William H., assignor.)
United Shoe Machinery Corporation. (See Sprague, William A., assignor.)
United Shoe Machinery Corporation. (See Stewart, George F., assignor.)
United Shoe Machinery Corporation. (See Stewart, William C., assignor.)
United Shoe Machinery Corporation. (See Stiggins, Edward A., assignor.)
United Shoe Machinery Corporation. (See Tibbetts, Charles B., assignor.)
United Shoe Machinery Corporation. (See Topham, Laurence E., assignor.)
United Shoe Machinery Corporation. (See Trohon, William G., assignor.)
United Shoe Machinery Corporation. (See Warren, Frank H., assignor.)
United Shoe Machinery Corporation. (See Webb, Horace D., assignor.)
United Shoe Machinery Corporation. (See Wentworth, Jesse S., assignor.)
United Shoe Machinery Corporation. (See Wentworth, Samuel J., assignor.)
United Shoe Machinery Corporation. (See Winkley, Erastus E., assignor.)
United Shoe Machinery Corporation. (See Yeaton, Harry L., assignor.)
United Shoe Machinery Corporation, The. (See Neal, Walter V., assignor.)
United Specialty Co. (See Norris, Jack, assignor.)
U. S. Ball Bearing Manufacturing Company. (See Diesk, John, assignor.)
U. S. Ball Bearing Manufacturing Company. (See Parsons, Harry N., assignor.)
U. S. Bobbin & Shuttle Co. (See Stetson, Frank H., assignor.)
United States Broom Company. (See Duvall, George W., assignor.)
United States Cast Iron Pipe & Foundry Company. (See Haynes, William L., assignor.)
United States Cast Iron Pipe & Foundry Company. (See Helander, Ernst G., assignor.)
United States Cast Iron Pipe & Foundry Company. (See Ladd, James B., assignor.)

United States Chain and Forging Company. (See Rehfuss, Martin O., assignor.)
United States Electric Manufacturing Corporation. (See Alschuler, Ernest, assignor.)
United States Envelope Company. (See Novick, Abraham, assignor.)
United States Envelope Company. (See Swift, Willard E., assignor.)
United States Fire Works Manufacturing Company, The. (See Macchia, Camillo, assignor.)
United States Gate Lock and Tool Company. (See Stuchlik, John M., assignor.)
U. S. Industrial Alcohol Co. (See Backhaus, Arthur A., assignor.)
U. S. Industrial Alcohol Co. (See Hammond, John A. S., assignor.)
U. S. Industrial Alcohol Co. (See Haner, Carl, Jr., assignor.)
U. S. Industrial Alcohol Co. (See Mack, George J., assignor.)
U. S. Industrial Alcohol Co. (See Rodebush, Worth H., assignor.)
U. S. Industrial Alcohol Co. (See Willkie, Herman F., assignor.)
U. S. Industrial Alcohol Co. (See Winter, Ernest J., assignor.)
U. S. Light & Heat Corporation. (See Bauer, E., and Turbayne, assignors.)
U. S. Light & Heat Corporation. (See Bliss, William L., assignor.)
U. S. Light & Heat Corporation. (See Engel, Frank, assignor.)
U. S. Light & Heat Corporation. (See Loudon, Warren P., assignor.)
U. S. Light & Heat Corporation. (See Ohliger, L. P., and Reid, assignors.)
U. S. Light & Heat Corporation. (See Turbayne, William A., assignor.)
United States Machine Gun Company. (See Berthier, André V. P. M., assignor.)
United States Machine Tool Company, The. (See Heckmann, Harry A., assignor.)
United States Metallic Packing Company, The. (See Light, R. A., and Price, assignor.)
United States Metallic Packing Company, The. (See Price, Joseph W., jr., assignor.)
United States Ordnance Company. (See Green, Samuel G., assignor.)
United States Ordnance Company. (See Smith, George L., assignor.)
United States Radiator Corporation. (See McIntire, James F., assignor.)
United States Radium Corporation. (See Bilstein, Louis C., assignor.)
United States Radium Corporation. (See Dey, William H., assignor.)
U. S. Ring Traveler Company. (See Gilligan, George H., assignor.)
U. S. Sample Company. (See Mayer, Vilhelm, assignor.)
U. S. Sanitary Specialties Corporation. (See Shultz, Michael L., assignor.)
U. S. Slicing Machine Company. (See Bachman, Rudolph W., assignor.)
U. S. Slicing Machine Company. (See Luschka, A. R., and Stukart, assignors.)
U. S. Slicing Machine Company. (See Stiles, Edward M., assignor.)
United States Smelting, Refining and Mining Company. (See Cullen, Joseph F., assignor.)
United States Specialty Corporation. (See Lundquist, Hans, assignor.)
United States Welding Company. (See Campbell, Lorn, jr., assignor.)
United States Wind Engine and Pump Company. (See La Salle, Edmund B., assignor.)
United States Wool Company, The. (See McBride, Hiram Y., assignor.)
United Steel Block Corporation, et al. (See Swan, E. D., and Manges, assignors.)
United Steel and Wire Co. (See Fuller, Birney H., assignor.)
United Steel and Wire Co. (See Jarvis, Charles H., assignor.)
Universal Arch Company. (See Miller, Charles E., assignor.)
Universal Ash-Tray Company. (See Downey, John H., assignor.)
Universal Bakery Equipment Company. (See Schulz, J. H., and Krause, assignors.)
Universal Car and Hose Coupler Company. (See Funk, John H., assignor.)
Universal Car and Hose Coupler Company. (See Hebert, Onesime, assignor.)
Universal Coal Products Company. (See Traer, G. W., and Garland, assignors.)
Universal Conveyor Co. (See Landis, Irwin D., assignor.)
Universal Crane Company, The. (See Deucher, Eugene G., assignor.)
Universal Draft Gear Attachment Co. (See Wrigley, Henry I., assignor.)
Universal Engineering Company. (See Acre, Ray E., assignor.)
Universal Industrial Corporation. (See Feige, Adolph E., assignor.)
Universal Interests, Inc. (See Roys, Herman E., assignor.)
Universal Manufacturing Company. (See Lowe, William A. J., assignor.)
Universal Metal Products Company. (See Church, Ira A., assignor.)
Universal Milking Machine Company, The. (See Eklundh, J. G. G., and Kennedy, assignors.)
Universal Oil Products Company. (See Dubbs, Carbon P., assignor.)
Universal Oil Products Company. (See Egloff, G., and Benner, assignors.)
Universal Optical Corporation. (See Searles, Wayne S., assignor.)
Universal Pattern & Model Company. (See Baker, Charles E., assignor.)
Universal Postal Machines Corporation. (See Pitney, A. H., and Ogden, assignors.)
Universal Safety Ash Tray Company. (See Downey, John F., assignor.)
Universal Safety Brake Company. (See Steele, J. R., and Stanger, assignors.)
Universal Safety Washout Plug Company. (See Cashmer, Jacob, assignor.)
Universal Sanitary Manufacturing Co. (See Kirk, C. J., and Brain, assignors.)
Universal Telescope Mute Company. (See D'Alfonso, William R., assignor.)
Universal Visible Calculator Company. (See Beals, Eugene M., assignor.)
Universal Tobacco Machine Company. (See Jackson, Graham H., assignor.)
Universal Transmission Company. (See McCloskey, Thomas J., assignor.)
Universe Corporation. (See Hanson, C. C., and Twardowsky, assignors.)
Universe Corporation. (See Twardowsky, John, assignor.)
Unkel, Hershel W., et al. (See Reeves, H., and Cain, assignors.)

Unnold, Leroy F., Brooklyn, N. Y. Shoe lace. 1,458,088; June 5.

Unruh, Albert A., assignor of one-half to E. J. Vennewitz, Portland, Oreg. Garage-door opener. 1,457,642; June 5.

Unruh, Cornelius C., Freeman, S. Dak. Dolly for washing machines. 1,459,483; June 19.

Upchurch, Joseph F., La Grange, Ga. Mote-knife support. 1,441,895; Jan. 9.

Upham, Burt F., Brookline, R. Belluche, Mansfield, and K. F. Hernig, Amesbury, assignors to United Printing Machinery Company, Boston, Mass. Mechanism for transferring and timing sheets. 1,453,773; May 1.

Upham, Gilbert R., assignor to The De Long Hook and Eye Company, Philadelphia, Pa. Laundry-marking pin. 1,477,301; Dec. 11.

Uphoff, Leslie S., Schenectady, N. Y., assignor to N. D. Baker, Secretary of War, trustee. Automatic time switch. 1,440,803; Jan. 2.

Uphoff, Leslie S., U. S. Army, assignor to the Secretary of War of the United States of America, trustee. System of voltage control. 1,452,857; Apr. 24.

Upson, Ralph H., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Airship and the like. 1,445,424; Feb. 13.

Upson, Ralph H., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Dirigible and the like. 1,451,667; Apr. 10.

Upson, Ralph H., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Airship. 1,475,210; Nov. 27.

Uptegraff, Alexander G., New York, N. Y. Coupon system for commodities. 1,459,423; June 19.

Upton, John M., Louisville, Ky. Pull attachment for electric-switch key sockets. 1,458,864; June 12.

Upton, Joseph C., Pelzer, S. C. Loom. 1,452,057; Apr. 17.

Upton Machine Company. (See Keil, Gustav B., assignor.)

Upton, Ted, et al. (See Whitcomb, James, assignor.)

Upton, William H., New York, N. Y. Vacuum cleaner. 1,458,602; June 12.

Uran, Andrew, assignor of one-half to J. Weiss, New York, N. Y. Flash light. 1,460,002; June 26.

Urbach, Gustave A., Pittsburgh, Pa. Tire-treating machine. 1,474,654; Nov. 20.

Urbach, Gustave A., Pittsburgh, Pa. Liquid sprayer. 1,474,655; Nov. 20.

Urban, Franz, Steglitz, near Berlin, Germany, assignor to the Firm of Optische Anstalt C. P. Goerz Aktiengesellschaft, Friedenau, near Berlin, Germany. Fourlens objective. 1,474,743; Nov. 20.

Urban, John, Newark, Ohio. Shaving mirror. 1,473,263; Nov. 6.

Urbanik, Andrew, Central Falls, R. I. Cutting implement. 1,457,643; June 5.

Uriga, Leopold, assignor to Firm of Landwirtschaftliche Maschinenfabrik, Wittenberge, Germany. Agricultural implement. 1,472,102; Oct. 30.

Urquhart, Alexander, Derby, Conn. Expanding arbor. 1,464,551; Aug. 14.

Ursino, Pasquale, Ellensburg, Wash. Ballast surfacer. 1,445,608; Feb. 13.

Ursino, Pasquale, Seattle, Wash. Track surfacer and cleaner. 1,469,464; Oct. 2.
Ursino, Pasquale, Seattle, Wash. Railway-track ballast grading and surfacing machine. 1,471,760; Oct. 23.
Urtasun, Tony C., Castaic, Calif. Milk can holder. 1,475,903; Nov. 27.
Urtubees, Alfred H., Minneapolis, Minn. Blow-off valve for pneumatic tires. 1,459,939; June 26.
Uselding, Nicholas J. (See Theis, John P., assignor.)
Usher, Frederick W., Brooklyn, N. Y. Boudoir lamp. 1,454,799; May 8.
Usher, Samuel A., Chunky, Miss. Furnace. 1,456,159; May 22.
Usher-Walker Limited. (See Soane, Charles E., assignor.)
Ussorio, Gennaro, New York, N. Y. Coffee percolator and the like. 1,445,052; Feb. 13.
Ustynik, Gustav, Wharton, Tex. Toy gun. 1,469,610; Oct. 2.
Usui, Kiichiro, Shizuoka-Ken, Japan. Mechanical stoker. 1,466,978; Sept. 4.
Uthaug, Olaf A., et al. (See Thompson, William, assignor.)
Utica Heater Company. (See Seemann, Jacob J., assignor.)
Utilities Development Corporation. (See Irwin, George H., assignor.)
Utility Appliance Corporation. (See Schlesinger, Joseph T., assignor.)
Utility Cabinet Company. (See Arthur, Richard S., assignor.)
Utility Compressor Company. (See Holley, Clarence M., assignor.)
Utility Safety Appliance Corporation. (See Schlesinger, Joseph T., assignor.)
Utility Tool Corporation. (See Runner, Joseph E., assignor.)
Utley, Arthur B., Springfield, Mo. Grappling device. 1,457,198; May 29.
Utley, Emily, administratrix. (See Utley, Willie H.)
Utley, Howard H., Florence, Colo., assignor to River Smelting & Refining Company, St. Louis, Mo. System for cooling flue gases. 1,460,872; July 3.
Utley, Willie H., deceased, London; E. Utley, administratrix, assignor of one-half to A. Kitson, Stamford, Lincolnshire, England. Rotary pump, engine, or meter. 1,442,198; Jan. 16.
Uttech, Henry C., Lebanon, Wis. Pulley attachment for tractors. 1,456,160; May 22.
Uttendorfer, Michael. (See Ryan, M. W., and Uttendorfer.)
Utter, Bror A., assignor to McClelland Hardware Company, Richmond, Ind. Casket handle. 1,448,169; Mar. 13.
Utter, Lee E., and R. E. Howland, assignors to Trailer Truck Company, Nashotah, Wis. Trailer truck. 1,465,103; Aug. 14.
Utter, Phil, and P. W. Schenck, Los Angeles, Calif. Prop or brace. 1,452,329; Apr. 17.
Uttz, Bertha A., assignor to W. A. Uttz, Fort Worth, Tex. Sash lock. 1,448,778; Mar. 20.
Uttz, W. A. (See Uttz, Bertha A., assignor.)
Utz, Anthony. (See Dowd, B. J., and Utz.)
Utz, Anthony, Hartford, Conn., assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 1,475,664; Nov. 27.
Utz, John G. (See Girl, C., Dunston, and Utz.)
Utzinger, Arthur J., Plainfield, N. J., assignor to International Motor Company, New York, N. Y. Broach. 1,448,170; Mar. 13.
Utzman, Clarence W., Buffalo, N. Y., assignor, by mesne assignments, to The Beaver Products Company, Inc. Plaster-board apparatus. 1,455,127; May 15.
Uyama, Shunzo, Tonodan, Kyoto, Japan. Manufacturing Catguts. 1,476,740. Dec. 11.
Uytenbogaart, Petrus J. A., Dauphin, Manitoba, Canada. Pipe. 1,468,681; Sept. 25.
Uzzell, Rudyard S., Jamaica, N. Y. Carrousel. 1,455,128; May 15.
V. & S. Automatic Bolt Company, The. (See Hines, Gustave H., assignor.)
V. V. Fittings Company. (See Burns, James F., assignor.)
V. V. Fittings Company. (See Pringle, William T., assignor.)
V. Ziekursch, Frank, Milwaukee, Wis. Fuse plug. 1,443,606; Jan. 30.
Vacatos, Perry, Akron, Ohio. Refrigerator. 1,465,657; Aug. 21.
Vacek, Charles, Chicago, Ill. Necktie holder. 1,461,506; July 10.
Vaché, Henry F. (See Richardson, H. C., and Vaché.)
Vacuum Oil Company. (See Hooper, Charles L., assignor.)
Vacuum Oil Company. (See Hooper, C. L., Sutherland, and Parkhouse, assignors.)
Vacuum Pulp Products Corporation. (See Cooper, Simon, assignor.)
Vadnais, Louis O., Myrtle Creek, Oreg. Combined gauge and set for crosscut saws and the like. 1,454,227; May 8.
Vagge, Mario J., Nashua, N. H. Valve-spring-lifting tool. 1,469,974; Oct. 9.
Vago, Alfred E., Middlesex, assignor to A. Boake Roberts and Company Limited, London, England. Container for cards for recording statistical and other information. 1,459,455; June 19.
Vail, Charles H., assignor to Anthony-Vail Tool & Machine Company, Gloversville, N. Y. Drying former and socket member therefor. 1,454,776; May 8.
Vaile, John H., and H. F. Boe, Dayton, Ohio. Pumping apparatus. 1,442,308; Jan. 16.
Vajk, Joseph, Budapest, Hungary, assignor to C. A. Filkorn, McKeesport, Pa. Gas making. 1,467,460; Sept. 11.
Valboe, Peter P., assignor to Penberthy Injector Company, Detroit, Mich. Drainer. 1,441,187; Jan. 2.
Valenducq, Laurent. (See Mullard, E., Valenducq, and Dubois.)
Valentine, Frank A., Apponaug, assignor to Henry L. Scott & Company, Providence, R. I. Speed-changing mechanism. 1,451,722; Apr. 17.
Valentine, Frederick A. (See Valentine, Robert D. and F. A.)
Valentine, Herbert S., Philadelphia, Pa. Hoist. 1,455,369; May 15.
Valentine, Irving R., Erie, Pa., assignor to General Electric Company. Electric furnace. 1,457,718; June 5.
Valentine, Joseph E., Flushing, N. Y., assignor to Valmont Manufacturing Co., Inc. Powder puff. 1,465,535; Aug. 31.
Valentine, Robert D. and F. A., Minneapolis, Minn. Power-driven cultivating machine. 1,477,398; Dec. 11.
Valentine, William A., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Die-fitting apparatus. 1,466,259; Aug. 28.
Valiquet, Louis P., Chicago, Ill. Motor drive for talking machine. 1,465,772; Aug. 21.
Valiquette, William L. (See Seybold, C., and Valiquette.)
Valiton, Frederick H., assignor of one-half to P. L. O'Neill, Deer Lodge, Mont. Miss detector for internal-combustion engines. 1,477,732; Dec. 18.
Valiton, Frederick H., assignor of one-half to P. L. O'Neill, Deer Lodge, Mont. Drill. 1,478,623; Dec. 25.
Valiton, Frederick H., assignor of one-half to P. L. O'Neill, Deer Lodge, Mont. Drill. 1,478,624; Dec. 25.
Valladao, Frederick S., San Francisco, Calif. Phonograph. 1,441,188; Jan. 2.
Vallee, Armand J., Oneonta, and I. H. Scrafford, Altamont, N. Y. Lantern bracket. 1,472,894; Nov. 6.
Valley Electric Company. (See Ballman, Edwin C., assignor.)
Valley Forge Cutlery Company. (See Undy, Charles, assignor.)
Vallier, Orvis W., assignor to J. B. Wise Incorporated, Watertown, N. Y. Waste-operating mechanism. 1,451,930; Apr. 17.
Vallier, Orvis W., Watertown, N. Y., assignor to J. B. Wise Incorporated. Waste fitting for sinks. 1,451,931; Apr. 17.
Vallone, Romeo. (See Frascadore, M., and Vallone.)
Vallot, André, Levallois-Perret, France, assignor of one-half to H. E. Vanderveer, Pueblo, and one-half to A. K. McRae, Denver, Colo. Device for mounting headlights on the bodies of motor cars. Re15,607; May 15.
Valmont Manufacturing Co. (See Valentine, Joseph E., assignor.)
Valois, Félix E., assignor to Hamel Shoe Machinery Company, Bridgeport, Conn. Rough rounder or channeler. 1,445,248; Feb. 13.
Valois, Félix E., Bridgeport, Conn., assignor to Hamel Shoe Machinery Company. Shoe-sewing machine. 1,462,777; July 24.
Van Aalst, Willem, Mortsel, near Antwerp, Belgium. Concrete-mold suspension device. 1,467,662; Sept. 11.
Van Ackeren, Fred, Cedar Rapids, Nebr. Fowl powderer. 1,459,349; June 19.
Van Ackeren, Joseph, assignor to The Koppers Company, Pittsburgh, Pa. Cooling means for exhaust mains. 1,455,059; May 15.
Van Ackeren, Joseph, assignor to The Koppers Company, Pittsburgh, Pa. Coking retort oven. 1,469,491; Oct. 2.
Vanadium Corporation of America. (See Saklatwalla, B. D., and Anderson, assignors.)
Van Allen, George L. (See Maculen, F., and Van Allen.)
Van Alstyne, Howard M., Rensselaer, N. Y. Sliding-door fastener. 1,460,991; July 3.
Van Amstel, Adriaan F., Amersfoort, Netherlands. Internal-combustion engine. 1,467,288; Sept. 4.
Van Amstel, Tudor. (See Lundell, A. E., and Van Amstel.)
Van Antwerp, Harold O. (See Withrow, F. G., and Van Antwerp.)
Van Arsdale, George D. (See Flynn, F. N., and Van Arsdale.)
Van Arsdale, George D., New York, N. Y. Method and apparatus for the electrolytic recovery of copper. 1,449,462; Mar. 27.
Van Atta, Robert S. (See Sutton, H. A., and Van Atta.)
Vanatta, Jean K., assignor to Mudge & Company, Chicago, Ill. Motor car. 1,456,659; May 29.
Vanatta, Jean K., assignor to Mudge & Company, Chicago, Ill. Motor car. 1,469,741; Oct. 2.
Vanatter, Phares O., Athens, Ga. Rinse tub. 1,466,862; Sept. 4.

Alphabetical list of patentees—Continued.

Van Barneveld, Charles E., et al. (See Leaver, Edmund S., assignor.)
Van Bergh Silver Plate Co., The. (See Leavenworth, Seth H., assignor.)
Van Berkel, Cornelis F. M., assignor to Maatschappij tot Vervaardiging van Snijmachines Volgens "Van Berkel's Patent" en van Andere Werktuigen, Rotterdam, South Holland, Netherlands. Damping device for weighing apparatus. 1,457,328; June 5.
Van Bloem, Paul S., Hempstead, N. Y., assignor to The Viking Products Corporation, New York, N. Y. Window illuminator and sign. 1,464,228; Aug. 7.
Van Brunt, Jackson W. (See Church, E. D., Lash, and Van Brunt.)
Van Buren, Martin, Dayton, Wash. Carpet-beating machine. 1,457,237; May 29.
Van Buskirk, Lesher W., assignor to Taylor-Wharton Iron and Steel Company, High Bridge, N. J. Hollander engine. 1,446,282; Feb. 20.
Vance, Alpha B. (See Mayer, F. D., and Vance.)
Vance, Arlyn T., assignor of one-half to F. J. Abbott, Los Angeles, Calif. Automatic stabilizer for aircraft and the like. 1,465,500; Aug. 21.
Vance, Arthur J. (See Collier, W. H., and Vance.)
Vance, Carl D., and F. G. Bowman, Dayton, Ohio. Door construction. 1,470,038; Oct. 9.
Vance, Charles E., and C. S. McClelland, Pittsburgh, Pa. Steam trap. 1,441,046; Jan. 2.
Vance Engineering Company. (See Buckman, Harold W., assignor.)
Vance, Ira C., Howell, Ark. Beliner. 1,460,292; June 26.
Vance, Rice B., Detroit, Mich., assignor to Underwood Computing Machine Company, New York, N. Y. Computing machine. 1,457,411; June 5.
Vance, Walter N., Chicago Heights, assignor to Durand Steel Locker Company, Chicago, Ill. Locker. 1,442,751; Jan. 16.
Vance, Walter N., Chicago Heights, assignor to Durand Steel Locker Company, Chicago, Ill. Shelf extension. 1,462,670; July 24.
Vance, Walter N., Chicago Heights, assignor to Durand Steel Locker Company, Chicago, Ill. Metal shelving. 1,473,064; Nov. 6.
Van Cleave, Charles N., Indianapolis, Ind. Coin-controlled lock. 1,450,825; Apr. 3.
Van Cott, Frank J., Unadilla, N. Y. Silo structure. 1,452,578; Apr. 24.
Vancso, Andrew, Chicago, Ill. Collar button. 1,459,940; June 26.
Van Daam, Gerrit, Buffalo, N. Y. Fuel-saving device. 1,440,853; Jan. 2.
Vandamark, Olive E., Los Angeles, Calif. Curler. 1,473,749; Nov. 13.
Vandeberg, Teddie C., Epping, N. Dak. Compound hand air-compressing pump. 1,476,858; Dec. 11.
Van Delinder, Fay L., Chicago, Ill. Candy bouquet. Des. 62,710; July 24.
Vandenberg, Jacob, Wyoming, Ohio, assignor to The Security Bag Company, Cincinnati, Ohio. Bag-handle-attaching device. 1,464,516; Aug. 14.
Vandenberg, Jacob, Wyoming, assignor to The Security Bag Company, Cincinnati, Ohio. Bag-making machine. 1,476,025; Dec. 4.
Vandenplas, Joe J., Green Bay, Wis. Mixer. 1,475,904; Nov. 27.
Van de Pol, Alfons H., assignor of one-half to J. J. Bridgeford, Philadelphia, Pa. Furnace construction. 1,453,960; May 1.
Vanderbeek, Herbert, assignor to The Timken-Detroit Axle Company, Detroit, Mich. Brake mechanism. 1,454,091; May 8.
Vanderbeek, Herbert, assignor to The Timken-Detroit Axle Company, Detroit, Mich. Vehicle brake. 1,472,444; Oct. 30.
Van der Bijl, Hendrik J., assignor to Western Electric Company, Incorporated, New York, N. Y. Transmission system. 1,445,731; Feb. 20.
Van der Bijl, Hendrik J., assignor to Western Electric Company, Incorporated, New York, N. Y. Direct-current transformer. 1,448,583; Mar. 13.
Van der Bijl, Hendrik J., assignor to Western Electric Company, Incorporated, New York, N. Y. Vacuum tube. 1,478,072; Dec. 18.
Vanderbilt, R. T., Company. (See Murrill, Paul L., assignor.)
Vander Bogart, Frank, et al. (See Whitney, William A., assignor.)
Vandercar, William J., Cohoes, assignor, by mesne assignments, to The Colonial Metal Products Company, Inc., Syracuse, N. Y. Advertising device for weighing scales. Re15,731; Dec. 11.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, assignors to Fred Butterfield & Co. Inc., New York, N. Y. Flocked voile fabric. Des. 63,092; Oct. 2.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, assignors to Fred Butterfield & Co., Inc., New York, N. Y. Flocked voile fabric. Des. 63,093; Oct. 2.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, assignors to Fred Butterfield & Co. Inc., New York, N. Y. Flocked voile fabric. Des. 63,339; Nov. 20.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, assignors to Fred Butterfield & Co. Inc., New York, N. Y. Flocked voile fabric. Des. 63,340; Nov. 20.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, assignors to Fred Butterfield & Co. Inc., New York, N. Y. Flocked voile fabric. Des. 63,341; Nov. 20.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, assignors to Fred Butterfield & Co. Inc., New York, N. Y. Flocked voile fabric. Des. 63,342; Nov. 20.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, assignors to Fred Butterfield & Co. Inc., New York, N. Y. Flocked voile fabric. Des. 63,343; Nov. 20.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, assignors to Fred Butterfield & Co. Inc., New York, N. Y. Flocked voile fabric. Des. 63,515; Dec. 11.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, assignors to Fred Butterfield & Co. Inc., New York, N. Y. Flocked voile fabric. Des. 63,516; Dec. 11.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, assignors to Fred Butterfield & Co. Inc., New York, N. Y. Flocked voile fabric. Des. 63,517; Dec. 11.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, assignors to Fred Butterfield & Co. Inc., New York, N. Y. Flocked voile fabric. Des. 63,518; Dec. 11.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, assignors to Fred Butterfield & Co. Inc., New York, N. Y. Flocked voile fabric. Des. 63,519; Dec. 11.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, assignors to Fred Butterfield & Co. Inc., New York, N. Y. Flocked voile fabric. Des. 63,510; Dec. 11.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, assignors to Fred Butterfield & Co. Inc., New York, N. Y. Flocked voile fabric. Des. 63,511; Dec. 11.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, assignors to Fred Butterfield & Co. Inc., New York, N. Y. Flocked voile fabric. Des. 63,512; Dec. 11.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, assignors to Fred Butterfield & Co. Inc., New York, N. Y. Flocked voile fabric. Des. 63,513; Dec. 11.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, assignors to Fred Butterfield & Co. Inc., New York, N. Y. Flocked voile fabric. Des. 63,514; Dec. 11.
Vander Hernt, Abraham. (See Vandervoort, Milford T., assignor.)
Vanderhoef, Ellison E., Jerome, Ariz., assignor to American Manganese Steel Company, Chicago, Ill. Dipper front. 1,453,813; May 1.
Van Derhoef, Henry E. (See Sulzer, A. F., and Van Derhoef.)
Vanderhoof, Harold, and W. Gillig, San Francisco, Calif. Demountable brake lining. 1,474,215; Nov. 13.
Van der Lee, Cornelis G., Utrecht, Netherlands. Bottle closure. 1,468,314; Sept. 18.
Vanderlip, Louis C., Elkhart, Ind. Vehicle steering mechanism. 1,455,941; May 22.
Vanderlip, Washington B., and C. H. Viggars, Los Angeles, Calif. Brain telephone. 1,449,022; Mar. 20.
Vanderpool, Albion A., Newark, N. J. Guide for T squares. 1,451,189; Apr. 10.
Van Der Pyl, Edward, Worcester, Mass., assignor to Aerobelle Company. Pneumatic shock absorber. 1,467,986; Sept. 11.
Van Der Pyl, Edward, Worcester, Mass., assignor to Aerobelle Company. Shock absorber. 1,467,987; Sept. 11.
Van der Sterr, Petrus K., assignor to Firm Voigt & Haeffner Actien Gesellschaft, Frankfort-on-the-Main, Germany. No-voltage release for electrical switches. 1,476,085; Dec. 4.
Vanderveer, Herbert E., et al. (See Vallot, André, assignor.)
Vanderveld, Anthony, assignor of one-half to S. E. Parrish, Grand Rapids, Mich. Cloth or ribbon measuring machine. 1,443,332; Jan. 23.
Vandervoort, Lois J., Guthrie, Okla. Separator. 1,465,884; Aug. 21.
Vandervoort, Milford T., assignor to Wolverine Brass Works, Grand Rapids, Mich. Automatic closing valve. 1,470,895; Oct. 16.
Vandervoort, Milford T., assignor to A. Vander Henst, Grand Rapids, Mich. Fuel-passage lock for internal-combustion engines. 1,476,741; Dec. 11.
Vandervoort, Mort, Saginaw, Mich. Reciprocatory fountain brush. 1,476,433; Dec. 4.
Van der Vort, Charles O., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Telegraph system. 1,472,506; Oct. 30.
Van Deusen, Carrie. (See Davis, Madaline V., assignor.)
Van Deusen, Henry M., Westfield, Mass. Mop holder. 1,451,600; Apr. 10.
Van de Velde, Harold R. C., and J. M. Furnival, Bromley, England, assignors to Radio Corporation of America, New York, N. Y. Wireless direction-finding means for and method of piloting aircraft. 1,454,592; May 8.
Vandevelde, Jean F. H. de V., Copenhagen, Denmark. Elevating plane for aeroplanes. 1,472,103; Oct. 30.
Vandevender, Adam S. (See Vandevender, George W., assignor.)
Vandevender, George W., Mill Creek, W. Va., assignor of one-half to A. S. Vandevender, Mingo, W. Va. Folding coop. 1,451,972; Apr. 17.
Vandeventer, Alex, Odanah, Wis. Foldable clothes hanger. 1,447,741; Mar. 6.

Vandewater, Fred F., Hornell, N. Y. Railway classification signal. 1,469,549; Oct. 2.
Van de Wiel, Fernand, assignor to Compagnie Generale d'Electricite, Paris, France. Stopper for closing the containers of electric accumulators. 1,459,121; June 19.
Vandivier, James R., Franklin, and G. R. Hunt, Terre Haute, Ind. Railway-crossing gate. 1,463,520; July 31.
Van Dommelen, Peter, assignor to H. E. Shaw Furniture Co., Grand Rapids, Mich. Desk table. Des. 63,206; Oct. 30.
Van Dommelen, Peter, assignor to H. E. Shaw Furniture Co., Grand Rapids, Mich. Desk table. Des. 63,207; Oct. 30.
Van Dommelen, Peter, assignor to H. E. Shaw Furniture Co., Grand Rapids, Mich. Desk table. Des. 63,208; Oct. 30.
Van Doren, Chester J., Oak Park, assignor of one-half to H. T. Dorrington, Chicago, Ill. Apparatus for bottling liquids. 1,451,351; Apr. 10.
Van Doren, Frank J., Los Angeles, Calif., assignor to Wagner Woodruff Co. Show-case lamp. Des. 62,857; Aug. 7.
Van Doren, John B., Providence, R. I. Pyrotechnic display device. 1,455,097; May 15.
Van Dorn Electric Tool Company, The. (See Connell, Edwin L., assignor.)
Van Dorn, Herbert E., Chicago, Ill. Drawbar carrier. 1,468,766; Sept. 25.
Van Dorn, Herbert E., Chicago, Ill. Reinforced car end. 1,471,932; Oct. 23.
Van Dorn, Herbert E., Chicago, Ill. Car coupler. 1,475,609; Nov. 27.
Van Dorn, Herbert E., Chicago, Ill. Control system for car couplers, air lines, and electric circuits of railway cars. 1,475,610; Nov. 27.
Van Dorn, Herbert E., Chicago, Ill. Pneumatic control system for electric switch and car, air, and electric couplers. 1,478,462; Dec. 25.
Van Dorn Iron Works Company, The. (See Barker, Percy E., assignor.)
Van Dorn Iron Works Company, The. (See Schaefer, Joseph, assignor.)
Van Dorn, William E., Chicago, Ill. Corrugated-metal car end. 1,460,738; July 3.
Van Dorn, William E., Chicago, Ill. Means for attaching steel car ends. 1,461,201; July 10.
Van Dorn, William E., Chicago, Ill. Corrugated steel end for gondola cars. 1,464,517; Aug. 14.
Van Dorn, William E., Chicago, Ill. Steel end for gondola cars. 1,464,518; Aug. 14.
Van Dorn, William E., Chicago, Ill. Metal car end. 1,465,501; Aug. 21.
Van Dorn, William E., Chicago, Ill. Friction draft gear. 1,466,684; Sept. 4.
Van Dorn, William E., Chicago, Ill. Metal car end. 1,475,611; Nov. 27.
Van Dusen, Charles A., assignor to The Toledo Standard Commutator Company, Toledo, Ohio. Commutator segment and producing the same. 1,457,801; June 5.
Van Dusen, Clifford R., Toronto, Ontario, Canada. Sanding device. 1,442,987; Jan. 23.
Van Duyn, Frederick W., assignor to R. E. Dietz Company, New York, N. Y. Lantern. 1,476,117; Dec. 4.
Van Duyne, Simeon, assignor to S. M. Doland, Boonton, N. J. Fruit picker. 1,452,175; Apr. 17.
Vanduzen, E. W., Company, The. (See Merrill, Sidney B., assignor.)
Van Dyck, Stumpers. (See Brekelmans, Franciscus J., assignor.)
Van Dyke, Elmer M., Lyndhurst, N. J. Keel block. 1,442,501; Jan. 16.
Van Dyke, Elmer M., Lyndhurst, assignor to Mathias-Van Dyke Company, Trenton, N. J. Bolt. 1,442,500; Jan. 16.
Van Dyke, John W., assignor to The Atlantic Refining Company, Philadelphia, Pa. Method of and apparatus for oil distillation. 1,451,129; Apr. 10.
Van Eseltine, Floyd C., Eastwood, N. Y. Conveying apparatus. 1,472,445; Oct. 30.
Van Etten, Frank C., assignor to Delta-Star Electric Company, Chicago, Ill. High-tension cut-out system and the like. 1,453,774; May 1.
Van Etten, William V., New Westminster, Canada. Rotary spike-tooth harrow. 1,450,123; Mar. 27.
Van Etten, William V., Everett, Wash. Dirigible headlight. 1,471,635; Oct. 23.
Vaney, Louis D., Finchley, London, England. Means for securing locks. 1,467,076; Sept. 4.
Van Fleet, Rodney S., Findlay, Ohio. Corner joint for
Van Fleming, C. (See Ferguson, Edward E., assignor.)
screen and other frames. 1,445,425; Feb. 13.
Van Gelderen, Frederik M., Enschede, Netherlands. Insulating cap for electrical-cable joints. 1,460,624; July 3.
Vangen, Anton, Vestmarken, Norway. Self-indicating target. 1,456,015; May 22.
Van Guelpen, Louis J., Cincinnati, Ohio. Seam-pressing machine. 1,478,149; Dec. 18.
Van Guelpen, Louis J., Cincinnati, Ohio. Perforating machine. 1,478,150; Dec. 18.
Van Guelpen, Louis J., Cincinnati, Ohio. Shoe-relasting machine. 1,478,151; Dec. 18.
Van Guelpen, Louis J., Cincinnati, Ohio. Machine for finishing the edges of flexible materials. 1,478,190; Dec. 18.
Van Guilder, Walter, assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Electric pump-operated fuel-feeding device. 1,459,960; June 26.
Van Gundy, Morris C., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Lubricating compound. 1,477,611; Dec. 18.
Van Hamersveld, John J. N., assignor to The Warner and Swasey Company, Cleveland, Ohio. Automatic machine tool. 1,449,464; Mar. 27.
Van Hamersveld, John J. N., assignor to The Warner and Swasey Company, Cleveland, Ohio. Automatic machine tool. 1,449,465; Mar. 27.
Van Hamersveld, John J. N., Cleveland, and G. W. Drake, Cleveland Heights, assignors to The Warner and Swasey Company, Cleveland, Ohio. Tool-slide mechanism. 1,449,463; Mar. 27.
Van Hees, Henri, Madison, N. J. Flytrap. 1,475,095; Nov. 20.
Van Heusen, John M. (See Kidwell, Cleo H., assignor.)
Van Heusen, John M., Boston, Mass. Garment. 1,469,858; Oct. 9.
Van Heusen, John M., Jamaica Plain, Mass., assignor to Van Heusen Products, Inc. Folding collar. 1,455,683; May 15.
Van Heusen, John M., Boston, Mass., assignor to Van Heusen Products, Inc. Collar. 1,463,932; Aug. 7.
Van Heusen, John M., Boston, Mass., assignor to Van Heusen Products, Inc. Collar. 1,476,118; Dec. 4.
Van Heusen Products, Inc. (See Bacon, R. F., Kidwell, and Bascom, assignors.)
Van Heusen Products, Inc. (See Van Heusen, John M., assignor.)
Van Hise, Lester E., assignor of one-third to J. V. Baldwin, one-third to P. F. Howell, and one-third to G. E. McCreery, Los Angeles, Calif. Fluid meter. 1,454,301; May 8.
Van Hoose, James B., Springfield, Mo. Locked exhaust valve. 1,471,075; Oct. 16.
Van Hooydonk, Adrian C., Monroe, Mich. Trolley wheel. 1,444,716; Feb. 6.
Van Horn, Alfred R., deceased, Philadelphia, Pa.; J. S. Van Horn, executrix. Automatic electric generating system. 1,470,948; Oct. 16.
Van Horn, Charles B., Detroit, Mich. Bottle scrubbing and washing machine. 1,459,643; June 19.
Vanhorn, Frank L., et al. (See Duncan, Forest M., assignor.)
Van Horn, Jennie S., executrix. (See Van Horn, Alfred R.)
Van Horn, William H. (See Kemp, William W., assignor.)
Van Horn, William S., Cleveland, Ohio. Scraper for ironing machines. 1,471,813; Oct. 23.
Van Horsen, Emery D., Three Forks, Mont. Shaving mug. 1,475,905; Nov. 27.
Van Houten, Frank H., assignor to Dutchess Tool Company, Beacon, N. Y. Dough-rounding-up machine. 1,461,076; July 10.
Van Hove, Desire H., assignor to Reynolds Spring Company, Jackson, Mich. Upholstered spring structure. 1,465,323; Aug. 21.
Vanicek, Otto V., Temple, Tex. Cultivator harrow. 1,461,053; July 10.
Vanicek, Otto V., Temple, Tex. Valve-spring compressor and lifter. 1,467,628; Sept. 11.
Vanier, Francis N., Indianapolis, Ind. Vehicle body. 1,441,388; Jan. 9.
Van Inwagen, Charles L., Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Ticket hoist. 1,442,453; Jan. 16.
Van Inwagen, Frank, assignor of three-fourths to G. L. Harris, Chicago, Ill. Fluid-removing device. 1,477,733; Dec. 18.
Van Kannel Revolving Door Company. (See Brunner, Herbert R., assignor.)
Van Kuren, Stephen J., assignor to J. G. Cherry Company, Cedar Rapids, Iowa. Ice-cream freezer. 1,478,073; Dec. 18.
Van Leer, Bernard, Amsterdam, Netherlands. Closure for vessels and device for sealing the same. 1,446,361; Feb. 20.
Van Marle, Martin, Lower Gornal, England. Apparatus for charging or discharging furnaces. 1,456,837; May 29.
Van Melle, Jean, Dubuque, Iowa. Rubber heel. 1,458,257; June 12.
Van Meter, James W., San Francisco, Calif. Percussion apparatus. 1,444,815; Feb. 13.
Van Meter, Morton, Cadillac, Mich. Vehicle wheel. 1,456,952; May 29.
Van Meter, Morton, Cadillac, Mich. Wheel. 1,476,780; Dec. 11.
Vann, Charles J., Brooklyn, N. Y. Food-dispensing machine. 1,468,424; Sept. 18.
Van Nagell, Cora M., et al. (See Van Nagell, John R., assignor.)
Van Nagell, John R., assignor to C. M. Van Nagell and A. W. Edwards, Reno, Nev. Hose coupling. 1,476,119; Dec. 4.

Alphabetical list of patentees—Continued.

Van N Air Spring Company. (See Van Nattan, V. V., and Gray, assignors.)
Van Name, F. W. Incorporated. (See Pedlar, Louis C., assignor.)
Van Name, F. W. Incorporated. (See Wilkinson, Thomas, assignor.)
Van Nattan, Verle V., and J. M. Paris, San Francisco, Calif. Amusement device. 1,475,975; Dec. 4.
Van Nattan, Verle V., and C. R. Gray, assignors to Van N Air Spring Company, San Francisco, Calif. Air spring. 1,474,656; Nov. 20.
Van Ness, Frank A., assignor of one-half to L. G. Barnhart, Yonkers, N. Y. Paint and varnish remover. 1,474,984; Nov. 20.
Van Ness, Henry E. (See Hasbrouck, L. B., and Van Ness.)
Van Ness, Henry E., Elmira, N. Y. Yarn cleaner. 1,456,261; May 22.
Van Ness, Henry E., Elmira, N. Y. Yarn cleaner. 1,456,262; May 22.
Van Ness, Henry E., Elmira, N. Y. Tension device. 1,456,263; May 22.
Van Ness, Henry E., Elmira, N. Y. Dyeing textiles. 1,456,344; May 22.
Vannest, George D., Ponca City, Okla. Power-transmission device. 1,465,382; Aug. 21.
Van Norden, Rudolph W., San Francisco, Calif. Electromagnetic apparatus. 1,457,475; June 5.
Van Norman, Charles E. (See Ellingham, R. W., and Van Norman.)
Van Norman Machine Tool Company. (See Ellingham, R. W., and Van Norman, assignors.)
Van Nostrand, Paul E., Lyons, Nebr. Auto appliance. 1,462,398; July 17.
Van Nuys, Claude C. (See Roberts, M. H., and Van Nuys.)
Van Orden, Fred A., North White Lake, N. Y. Marker. 1,475,906; Nov. 27.
Van Orden, James I., Hackensack, N. J. Detachable grouter for wheels. 1,441,645; Jan. 9.
Vanorio, Joseph. (See Rapp, J. W., and Vanorio.)
Van Orstrand, Charles E., Washington, D. C. Apparatus for measuring depths of wells. 1,451,130; Apr. 10.
Van Osdel, Samuel A., Johnson, Nebr. Surgical instrument. 1,449,356; Mar. 20.
Van Pelt, Elmer L., assignor to G. Fruth, Denver, Colo., and H. E. McElwain, Holyoke, Mass. Film-joining machine. 1,466,076; Aug. 28.
Van Pelt, Elmer L., assignor to G. Fruth, Denver, Colo., and H. E. McElwain, Holyoke, Mass. Film mending and assembling machine. 1,467,077; Sept. 4.
Van Rutten, Leon, Antwerp, Belgium, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-transmitter mouthpiece. 1,478,074; Dec. 18.
Van Ruymbeke, Joseph, Marseille, France. Production of alcohol. 1,459,699; June 19.
Van Ruymbeke, Joseph, Marseille, France. Production of alcohol. 1,474,216; Nov. 13.
Van Santvoort, Constant, Waukegan, Ill. Gas heater. 1,451,241; Apr. 10.
Van Scoy, Howard, Chicago, Ill., assignor to Goodwin Car & Mfg. Company, Inc., Wilmington, Del. Dumping cargo carrier. 1,459,315; June 19.
Van Sickel, Wilber H., Langhorne, Pa., assignor to Thos. H. Dallett Co., Philadelphia, Pa. Bush chisel. 1,476,120; Dec. 4.
Van Sickle, Oscar T., Gardnerville, assignor of one-half to W. D. Park, Minden, Nev. Top and windshield fastener. 1,444,988; Feb. 13.
Van Sicklen, Edward, New York, N. Y. Trousers-stretching frame. 1,476,310; Dec. 4.
Van Slyke, John C., Washington, D. C. Attachment for cots or hospital beds. 1,445,982; Feb. 20.
Van Slyke, Joseph. (See Van Slyke, Moses, assignor.)
Van Slyke, Moses, deceased; W. L. Asher, administrator, assignor of one-half to J. Van Slyke, Clarksville, Iowa. Burial vault. 1,470,130; Oct. 9.
Van Steenbergen, Carl, Newton, Iowa. Tire chain. 1,475,040; Nov. 20.
Van Tassel, John R., assignor to The Standard Optical Company, Geneva, N. Y. Lens mounting. 1,453,814; May 1.
Van Tuyl, Thomas. (See Cook, A. E., and Van Tuyl.)
Van Valin, William B. (See Townsend, Mary I., assignor.)
Van Valkenburg, Hermon L., assignor to Industrial Controller Company, Milwaukee, Wis. Starting switch. 1,470,896; Oct. 16.
Van Veen, Anton, assignor to The Fuller Brush Company, Hartford, Conn. Wire-twisting machine. 1,446,599; Feb. 27.
Van Vickle, William H., assignor of one-half to W. J. Aesdale, Mound City, Mo. Road drag. 1,459,122; June 19.
Van Vleck, Harry A., Parsons, Kans. Mixing device. 1,449,310; Mar. 20.
Van Vlissingen, Peter, Chicago, Ill. Purging device. 1,474,392; Nov. 20.
Van Wart, John W., South Nyack, N. Y. Compression indicator. 1,475,096; Nov. 20.
Van Westrum, Gerard A. S., Philadelphia, Pa. Briquette and making same. 1,452,992; Apr. 24.
Vanwinkle, Wilbur J., Union, N. Y. Toy. 1,469,705; Oct. 2.
Vapo Corporation. (See Rapp, William M., assignor.)
Vapo Stove Company. (See Schulenberg, Frederick H., assignor.)
Vapor Car Heating Co. (See Loudon, Warren P., assignor.)
Vapor Car Heating Company. (See Bliss, William L., assignor.)
Vapor Car Heating Company. (See Frumveller, Joseph, assignor.)
Vapor Car Heating Company. (See Geissinger, Harry G., assignor.)
Vapor Car Heating Company. (See Russell, Edward A., assignor.)
Vapor Car Heating Company. (See Russell, E. A., and Geissinger, assignors.)
Varaud, André, La-Capite-Vesenaz, near Geneva, Switzerland. Collar attachment. 1,454,607; May 8.
Varaud, André, assignor to Societe Anonyme, d'Horologerie et Bijouterie de Geneve, Geneva, Switzerland. Time indicator. 1,450,996; Apr. 10.
Varaud, André, Vesenaz, near Geneva, assignor to Société Anonyme d'Horogerie et Bijouterie de Genève, Geneva, Switzerland. Time indicator. 1,453,086; Apr. 24.
Varaud, André, Vesenaz, near Geneva, assignor to the Société Anonyme d'Horlogerie et Bijouterie de Genève, Geneva, Canton of Geneva, Switzerland. Time indicator. 1,453,087; Apr. 24.
Varble, Paul L., Carrollton, Ill. Connector. 1,446,630; Feb. 27.
Varble, Thomas O. (See Harris, Albert G., assignor.)
Vardell, Arthur A., deceased, by H. G. Vardell, executrix, Dallas, Tex., assignor to Carver Cotton Gin Company, East Bridgewater, Mass. Roll-box structure for gins. 1,455,685; May 15.
Vardell, Highland G., executrix. (See Vardell, Arthur A.)
Varga, Steven, San Francisco, Calif. Ornamental fly-trap. 1,448,098; Mar. 13.
Varland, Hiram H., Des Moines, Iowa. Combined manure loader and spreader. 1,463,492; July 31.
Varley Duplex Magnet Company. (See Anderson, James C., assignor.)
Varley Duplex Magnet Company. (See Varley, Richard, assignor.)
Varley, Richard, Englewood, N. J. System for auto-vehicles. 1,444,403; Feb. 6.
Varley, Richard, Englewood, N. J., assignor to Varley Duplex Magnet Company. Lockout for automatic starters. 1,457,917; June 5.
Varley, Thomas W., New York, N. Y. Alternating-current dynamo-electric machine. 1,478,012; Dec. 18.
Varner, Samuel B., Granby, Mo. Demountable rim. 1,455,684; May 15.
Varner, William L., assignor of one-half to D. F. Cleveland, Pratt City, Ala. Metal tie. 1,441,954; Jan. 9.
Varney, Theodore, Sewickley, assignor to Aluminum Company of America, Pittsburgh, Pa. Clamp device for electric conductors. 1,450,528; Apr. 3.
Varone, Frederick, assignor of one-half to C. F. Garland, Boston, Mass. Spark plug. 1,466,316; Aug. 28.
Varrieur, Henry O., Placerville, Calif. Combined closure and faucet for liquid containers. 1,463,735; July 31.
Varusky, John J. (See Carter, C. W., and Varusky.)
Varvel, Sidney L., Hornsby, near Sydney, New South Wales, Australia. Means for detecting and indicating defective sparking plugs in the ignition systems of internal-combustion engines. 1,448,951; Mar. 20.
Vassar Swiss Underwear Company. (See Rutledge, George E., assignor.)
Vasselin, Harold D., assignor to Fitchburg Pattern Model Co., Fitchburg, Mass. Bobbin separator and feeding machine. 1,441,896; Jan. 9.
Vasselli, Anthony, Newark, N. J. Time-announcing phonograph. 1,472,859; Nov. 6.
Vasselli, Anthony, Newark, N. J., assignor, by mesne assignments, to Harriman National Bank of the City of New York, trustee. Speed regulator. 1,441,463; Jan. 9.
Vasselli, Anthony, Newark, N. J., assignor, by mesne assignments, to General Phonograph Corporation, New York, N. Y. Sound-reproducing apparatus. 1,468,767; Sept. 25.
Vasselli, Anthony, Newark, N. J., assignor, by mesne assignments, to Harriman National Bank of the City of New York, trustee. Means for distorting tubes. 1,469,489; Oct. 2.
Vasseux, Auguste, St.-Mande, France. Preparation and use of food substances for vegetables, mushrooms, bacterias, yeast, molds, mucors, and the like. 1,472,344; Oct. 30.
Vatter, George E., Louisville, Ky. Automobile ambulance. 1,446,488; Feb. 27.
Vaughan, Bernard G., assignor to National Match Company, Joliet, Ill. Match-making machine. 1,465,031; Aug. 14.
Vaughan, Earney B., Long Beach, Calif. Producing a frozen confection. 1,445,187; Feb. 13.
Vaughan, Francis E., Philadelphia, Pa. Surveying instrument. 1,445,922; Feb. 20.

Vaughan, Henry A., Selma, Ala. Toy. 1,476,859; Dec. 11.
Vaughan, Henry H., and E. C. Gaines, Montreal, Quebec, Canada. Apparatus for loading and unloading railway cars. 1,451,748; Apr. 17.
Vaughan, Henry M., Newton, Iowa. Means for tiltably supporting tubs. 1,473,264; Nov. 6.
Vaughan, James B., Lacy Springs, and J. Terrell, Taylorsville, Ala. Insect-catching attachment for cultivators. 1,468,585; Sept. 18.
Vaughan, Jay W., Chicago, Ill. Band-saw-guide. 1,450,619; Apr. 3.
Vaughan, Levin D., Philadelphia, Pa. Valve. 1,441,646; Jan. 9.
Vaughan, Percy E., San Jose, Calif. Pump. 1,472,104; Oct. 30.
Vaughan, Wanton, et al. (See Sousa, Joseph M., assignor.)
Vaughn, Patrick H., Morris, Minn. Grain separator. 1,446,527; Feb. 27.
Vaughn, Samuel C., Charlotte, N. C. Journal-box jack. 1,451,601; Apr. 10.
Vaughn, Thomas L., jr., Dunn, N. C. Means for controlling and regulating electric currents. 1,444,286; Feb. 6.
Vawter, John M., assignor of one-half to I. M. Draper, Indianapolis, Ind. Clutch governor. 1,454,800; May 8.
Veazey, John A., Youngstown, Ohio. Car replacer. 1,461,589; July 10.
Veazey, William R., Cleveland, Ohio, and E. C. Burdick, assignors to The Dow Chemical Company, Midland, Mich. Casting light-metal alloys. 1,476,192; Dec. 4.
Vedder, Fred N., et al. (See Greenwood, George E., assignor.)
Vedder, John W. (See Start, L. M., Stafford, and Vedder.)
Vedder, John W., Worcester, Mass. Slat drier for drying paper. 1,453,645; May 1.
Vedder, John W., and F. W. Lodding, assignors to Rice, Barton & Fales Machine & Iron Co., Worcester, Mass. Paper-making machine. 1,477,020; Dec. 11.
Veeder, Curtis H., assignor to The Veeder Manufacturing Company, Hartford, Conn. Bearing. 1,444,765; Feb. 6.
Veeder, Curtis H., assignor to The Veeder Manufacturing Company, Hartford, Conn. Visors for automobiles. 1,448,883; Mar. 20.
Veeder, Curtis H., assignor to The Veeder Manufacturing Company, Hartford, Conn. Operating device for voting-machine registers, etc. Re15,662; July 24.
Veeder, Curtis H., assignor to The Veeder Manufacturing Company, Hartford, Conn. Counting machine. 1,477,090; Dec. 11.
Veeder Manufacturing Company, The. (See Veeder, Curtis H., assignor.)
Veeder, Peter Y., Toms River, N. J. Berry-picking machine. 1,452,629; Apr. 24.
Veenschoten, Vincent V., assignor to Northern Equipment Company, Erie, Pa. Stoker-controlling mechanism. 1,457,564; June 5.
Vegetable Oil Securities Company. (See Schuck, Walter P., assignor.)
Veglio, Gaetano, Levallois-Perret, France. Safety support for the spare wheels of automobiles. 1,453,214; Apr. 24.
Vehling, Christian, Indianapolis, Ind. Ornamental lamp stand. 1,460,992; July 3.
Veigel, Louis A., jr., Newark, N. J. Flexible bracelet. 1,443,512; Jan. 30.
Veillette, Alfred, assignor to Saart Brothers Company, Attleboro, Mass. Buckle. 1,469,859; Oct. 9.
Veinot, Percival C., West Manchester, Mass. Rake. 1,477,612; Dec. 18.
Veitch, Thomas. (See Maimin, D. S., and Veitch.)
Veith, Frank A., Erie, Pa. Drill device. 1,471,714; Oct. 23.
Velte, Charles J., Waterbury, Conn. Athlete's medal. 1,461,565; July 10.
Velton, Steve J., Houston, Tex. Superheating oil burner. 1,469,465; Oct. 2.
Vena, Michael, Seattle, Wash. Road-surfacing mechanism. 1,468,528; Sept. 18.
Venable, William M., Pittsburgh, Pa. Phonograph record and record blank and making the same. 1,455,129; May 15.
Venable, William M., Pittsburgh, Pa. Phonograph sound box. 1,455,942; May 22.
Venable, William M., Pittsburgh, Pa. Phonograph. 1,461,334; July 10.
Venable, William M., assignor to Blaw-Knox Company, Pittsburgh, Pa. Stop mechanism for cableway carriages. 1,445,116; Feb. 13.
Venable, William M., Pittsburgh, Pa., assignor to Blaw-Knox Company. Turntable. 1,446,228; Feb. 20.
Venango Knitting Mills, Incorporated. (See Dugan, Walter B., assignor.)
Vengrin, Stanley, and J. M. Johnson, Duluth, Minn. Grinder. 1,466,216; Aug. 28.
Venhoff, John H., Louisville, Ky. Game apparatus. 1,441,547; Jan. 9.
Venhoff, John H., Louisville, Ky. Fastening device. 1,476,231; Dec. 4.
Veniero, Frank, Moreno Stage, Calif. Ladder. 1,459,350; June 19.
Venn, Charles J., Chicago, assignor to Century Rubber Works, Cicero, Ill. Tire tread. Des. 61,811; Jan. 16.
Venn, Charles J., Chicago, assignor to Century Rubber Works, Cicero, Ill. Tire tread. Des. 63,599; Dec. 18.
Vennes, Harald J., assignor to Western Electric Company, Incorporated, New York, N. Y. System of current-wave transmission. 1,454,495; May 8.
Vennes, Harald J., assignor to Western Electric Company, Incorporated, New York, N. Y. Signaling system. 1,464,519; Aug. 14.
Vennes, Harald J., assignor to Western Electric Company, Incorporated, New York, N. Y. Artificial line. 1,471,636; Oct. 23.
Vennes, Harald J., assignor to Western Electric Company, Incorporated, New York, N. Y. Artificial line. 1,472,507; Oct. 30.
Vennewitz, E. J. (See Unruh, Albert A., assignor.)
Venon, Jules H., New York, N. Y. Dish. Des. 62,626; July 3.
Venon, Jules H., New York, N. Y. Cup. Des. 62,627; July 3.
Venon, Jules H., New York, N. Y. Dish. Des. 62,654; July 10.
Venon, Jules H., New York, N. Y. Dish. Des. 62,655; July 10.
Venon, Jules H., New York, N. Y. Dish. Des. 62,656; July 10.
Venon, Jules H., New York, N. Y. Dish. Des. 62,657; July 10.
Venon, Jules H., New York, N. Y. Dish. Des. 62,658; July 10.
Venuto, Louis J. (See Hiller, J. J., and Strenger, assignors.)
Venzlaff, Richard, Berlin, Germany. Hand motor plow. 1,473,129; Nov. 6.
Veraguth, Hans. (See Studinger, H., Veraguth, and Tobler.)
Verdone, Frank S., Joliet, Ill. Adjustable window screen. 1,476,661; Dec. 4.
Verdoorn, Neal, assignor of one-half to J. Zylstra, Sheldon, Iowa. Clutch-spring remover. 1,451,852; Apr. 17.
Verdy, Louis, Bicknell, Ind. Lock. 1,465,200; Aug. 21.
Vereinigte Chininfabriken Zimmer & Co. G. m. b. H. (See Thron, Heinrich, assignor.)
Veres, Joe, Lloydell, Pa. Dog muzzle. 1,474,303; Nov. 13.
Vergano, Lui C., Berkeley, Calif. Windmill governor. 1,458,865; June 12.
Vergeer, Albert W. P., New York, N. Y. Display stand. 1,476,860; Dec. 11.
Vergote, Gustave, Marshall, Minn. Can lifter and ice tongs. 1,457,238; May 29.
Verhulst, George F., et al. (See Cryan, William H., assignor.)
Verlinden, Edmond, Milwaukee, Wis. Adjustable combination stop action for organs. 1,462,429; July 17.
Vermaes, Stefanus J., Delft, assignor to Syndicaat "Electro-Staal." The Hague, Netherlands. Manufacture of iron from iron ores. 1,472,860; Nov. 6.
Ver Mehr, John, London, England. Building brick, block, and the like. 1,468,892; Sept. 25.
Ver Mehr, John, and J. S. Owens, London, England. Metallic sheet piling. 1,460,263; June 26.
Vermeire, Isidore F., Brussels, Belgium. Production of creosote mixture for impregnating wood. 1,469,466; Oct. 2.
Vermont Marble Company. (See Johnson, Oscar L., assignor.)
Vernaz, Marcel, Lyon, France. Chuck. 1,442,107; Jan. 16.
Vernet, Sergius, Syracuse, N. Y. Mechanical movement. 1,464,856; Aug. 14.
Verniaud, Clotilde J., administratrix. (See Verniaud, Claudius.)
Verniaud, Claudius, deceased, by C. J. Verniaud, administratrix, assignor, by mesne assignments, to G. M. C. Metallic Grease Co., Quincy, Ill. Lubricant. 1,454,002; May 1.
Vernier, George B., jr. (See Poole, A. F., and Vernier.)
Vernon, Emma L. (See Lockhart, Howard, assignor.)
Vernon, Percy V., Keresley, England. Saw for cutting metals. 1,446,108; Feb. 20.
Verona Tool Works. (See Burgess, Newton A., assignor.)
Verona Tool Works. (See Knell, Charles H., assignor.)
Verona Tool Works. (See Woodings, Emanuel, assignor.)
Ver Planck, William E., Schenectady, N. Y., assignor to General Electric Company. Regulating means for mixed-pressure turbines. 1,444,437; Feb. 6.
Ver Planck, William E., Schenectady, N. Y., assignor to General Electric Company. Valve gear. 1,471,076; Oct. 16.
Verville, Alfred V., Dayton, Ohio. Ambulance aircraft fuselage. 1,446,528; Feb. 27.
Verville, Archie J., Hancock, Mich. Thermos ice-cream cabinet. 1,443,934; Jan. 30.
Vesco Bait Co. (See Gaess, Helmuth J., assignor.)
Vescovi, Pietro P., Arma, Kans. Fire escape. 1,444,015; Feb. 6.
Vescuso, Frank, Providence, R. I. Receptacle for holding milk bottles. 1,450,997; Apr. 10.
Vesely, Stanley J., Cedar Rapids, Iowa. Shock absorber. 1,474,125; Nov. 13.

Vesely, Stanley J., Cedar Rapids, Iowa. Shock absorber. 1,474,126; Nov. 13.
Vest, Clarence D., Stockton, Calif. Sign support. 1,459,866; June 26.
Vesta Battery Corporation. (See Angell, Chester M., assignor.)
Vested, Harry B., Chicago, Ill. Charge heater for internal-combustion engines. 1,444,816; Feb. 13.
Vester, Alfred, & Sons, Inc. (See Ainsworth, George, assignor.)
Vester, Alfred, Sons, Inc. (See Gerth, Ruth L., assignor.)
Vester, Alfred Sons, Inc. (See Howell, Hamilton T., assignor.)
Vester, Alfred, Sons, Inc. (See McFadden, Glenn E., assignor.)
Vester, Alfred, Sons, Inc. (See Schulze, John W., assignor.)
Vester, Alfred, Sons, Inc. (See Wagner, Charles, assignor.)
Vester, Alfred, Sons, Inc. (See Warman, Percy S., assignor.)
Vestine, Andrew O., assignor to Watertown Pressed Steel Company, Watertown, Mass. Gripping device or clasp. 1,464,374; Aug. 7.
Vettel, Willis, Hornbrook, Calif. Helicopter. 1,468,847; Sept. 25.
Vetter, Friedrich, Amsterdam, Netherlands. Motor-cycle saddle or seat. 1,469,742; Oct. 2.
Vetter, Joseph, Toledo, Ohio. Automobile top. 1,447,191; Mar. 6.
Via, Lemuel R. (See Lykens, James T., assignor.)
Viale, Spirito M., assignor to Armstrong Siddeley Motors Limited, Coventry, England. Engine cylinder. 1,459,039; June 19.
Vibber, Wheeler H., assignor of one-half to The Gillette-Vibber Company, New London, Conn. Conduit cap for electric installation. 1,442,988; Jan. 23.
Viberg, Ernest R., Montreal, Quebec, Canada. Nonfreezing waste outlet. 1,451,242; Apr. 10.
Viberg, Ernest R., Montreal, Quebec, Canada. Truck construction. 1,451,243; Apr. 10.
Viberg, Ernest R., Montreal, Quebec, Canada. Forged brake-beam fulcrum and making same. 1,460,773; July 3.
Viberg, Ernest R., Montreal, Quebec, Canada, assignor to S. H. Campbell, St. Louis, Mo. Car-uncoupling device. 1,450,341; Apr. 3.
Vibro-Dental Products. (See Jones, Howard R., assignor.)
Vicars, Edward L. (See Vicars, Thomas and E. L.)
Vicars, Thomas and E. L., Earlestown, England. Biscuit or like embossing and cutting machine. 1,457,760; June 5.
Vicary, Arthur C. (See Armstrong, Edwin J., assignor.)
Vick, Hazel, et al. (See Swartwood, Horatio R., assignor.)
Vickers, Harry F. (See Eaton, A. L., and Vickers.)
Vickers, Harry H., Corona, assignor to Underwood Computing Machine Company, New York, N. Y. Combined typewriting and computing machine. 1,455,280; May 15.
Vickers, Harry H., Corona, assignor to Underwood Computing Machine Company, New York, N. Y. Computing machine. 1,456,660; May 29.
Vickers, Harry H., Corona, assignor to Underwood Computing Machine Company, New York, N. Y. Computing machine. 1,457,476; June 5.
Vickers, Hiram E., East Durham, N. C. Silkwinder attachment. 1,443,398; Jan. 30.
Vickers Limited. (See Challenger, George H., assignor.)
Vickers Limited. (See Davis, Albert L., assignor.)
Vickers Limited. (See Dawson, A. T., and Buckham, assignors.)
Vickers Limited. (See Dawson, A. T., Buckham, and Haskell, assignors.)
Vickers Limited. (See Dawson, A. T., Buckham, and Larsson, assignors.)
Vickers Limited. (See Dawson, A. T., and Horne, assignors.)
Vickers Limited. (See Dawson, A. G., Watt, and Perham, assignors.)
Vickers Limited. (See Elia, Giovanni E., assignor.)
Vickers Limited. (See Gray, Percy W., assignor.)
Vickers Limited. (See Hazelton, George, assignor.)
Vickers Limited. (See Lucas, O. D., and Johnson, assignors.)
Vickers Limited. (See McKechnie, James, assignor.)
Vickers Limited. (See McKechnie, J., and Rabbidge, assignors.)
Vickers Limited. (See Perham, Arthur L., assignor.)
Vickers Limited. (See Pierson, R. K., and Duncan, assignors.)
Vickers Limited. (See Pool, William, assignor.)
Vickers Limited. (See Smith, R. L., and Sandland, assignors.)
Vickery, Benjamin P., Bradley, assignor of one-half to E. E. Perkins, Chicago, Ill. Target trap. 1,445,371; Feb. 13.
Vickery, Henry M., Los Angeles, Calif. Bumper. 1,472,700; Oct. 30.
Victor, Alexander F., New York, N. Y. Delivering illustrated lectures or songs. 1,478,806; Dec. 25.
Victor, Arthur, Minneapolis, Minn. Toy. 1,478,191; Dec. 18.
Victor Manufacturing & Gasket Co. (See Oven, Frank J., assignor.)
Victor Piston Ring Co. (See Butler, Jay E., assignor.)
Victor Rubber Company, The. (See Bosworth, Percy B., assignor.)
Victor Shoe Machinery Co. (See Johnson, L. E., Peterson, and Popp, assignors.)
Victor Shoe Machinery Co. of 1919. (See Johnson, Lawrence E., assignor.)
Victor Shoe Machinery Company. (See Peterson, O. T., and Leach, assignors.)
Victor Talking Machine Company. (See Burton, Isaac F., assignor.)
Victor Talking Machine Company. (See Squibb, Lloyd Y., assignor.)
Victor Tool Company, The. (See Koontz, Victor R., assignor.)
Victorsohn, Morris, Brooklyn, N. Y. Speed regulator for phonographs. 1,477,399; Dec. 11.
Victory Automobile Accessories Limited. (See Coo, Thomas J., assignor.)
Victory Sparkler & Specialty Co. (See Kohn, Koby, assignor.)
Victory Sparkler & Specialty Company. (See Schwarzkopf, Oscar, assignor.)
Videon, Calvin S., Tottenville, N. Y., assignor to The S. S. White Dental Manufacturing Company. Alloy. 1,449,154; Mar. 20.
Vidinghoff, Charles A., Rochester, N. Y. Work holder and clamp. 1,464,375; Aug. 7.
Viehmann, Albert. (See Wiegandt, Carl, assignor.)
Viehmann, Nikolas, Newark, N. J. Radiator cap. 1,449,204; Mar. 20.
Viehweger, August F. W., Secaucus, assignor of one-half to P. Kronstein, Jersey City, N. J. Lock. 1,464,456; Aug. 7.
Viénot, Léon E. E., Paris, France, assignor to E. B. Meyrowitz, Inc. Shell spectacle frame. 1,445,249; Feb. 13.
Vierling, Jacob A., Jersey City, N. J. Combined infant crib and gocart. 1,460,929; July 3.
Vierling, Marie G. (See O'Brien, E., and Vierling.)
Vierow, Thomas S., Jersey City, N. J. Depositing machine. 1,477,857; Dec. 18.
Viertels, Ephraim, New York, N. Y. Protector for shoes. 1,450,396; Apr. 3.
Vieth, Albert B., jr., Philadelphia, Pa. Box opener. 1,473,892; Nov. 13.
Vietor, William A., Eureka, Calif. Grate bar. 1,452,130; Apr. 17.
Viggars, Charles H. (See Vanderlip, W. B., and Viggars.)
Vigliano, Joseph, New York, N. Y. Rotary engine. 1,457,951; June 5.
Vigueron, Jean B. J. A., Marseille, France. Trawling gear for deep-sea fishing. 1,440,854; Jan. 2.
Vignon, Louis E., Tarare, assignor to Les Successeurs d'Albert Godde, Bedin & Co., Lyon, France. Apparatus for humidifying air. 1,461,840; July 17.
Vigurs, Bernard G., Staten Island, N. Y. Pin clip. 1,475,211; Nov. 27.
Viking Products Corporation, The. (See Van Bloem, Paul S., assignor.)
Vilain, Edouard. (See Gremaud, Auguste, and Vilain.)
Vilar y Pazos, José, Trinidad, Cuba. Machine for cutting cane and similar plants. 1,459,247; June 19.
Vilinsky, Max, Sherbrooke, Quebec, Canada. Safety garment pocket. 1,445,117; Feb. 13.
Villani, John, Brooklyn, N. Y. Wrench. 1,446,529; Feb. 27.
Villard, Joseph R., Rochester, N. Y. Automobile signal. 1,460,625; July 3.
Villaret, Gustave E., New York, N. Y. Lighting fixture. Des. 62,348; May 8.
Villaret, Gustave E., New York, assignor to J. H. White Manufacturing Company, Brooklyn, N. Y. Bracket back. Des. 62,753; July 24.
Villaret, Gustave E., New York, assignor to J. H. White Manufacturing Company, Brooklyn, N. Y. Arm for lighting fixtures. Des. 62,754; July 24.
Villaret, Gustave E., New York, assignor to J. H. White Manufacturing Company, Brooklyn, N. Y. Bracket back. Des. 62,755; July 24.
Villaret, Gustave E., New York, assignor to J. H. White Manufacturing Company, Brooklyn, N. Y. Bracket back. Des. 62,756; July 24.
Villaret, Gustave E., New York, assignor to J. H. White Manufacturing Company, Brooklyn, N. Y. Bracket back. Des. 62,757; July 24.
Villaret, Gustave E., New York, assignor to J. H. White Manufacturing Company, Brooklyn, N. Y. Bracket back. Des. 62,758; July 24.
Villaret, Gustave E., New York, assignor to J. H. White Manufacturing Company, Brooklyn, N. Y. Arm for lighting fixtures. Des. 62,759; July 24.
Villaret, Gustave E., New York, assignor to J. H. White Manufacturing Company, Brooklyn, N. Y. Arm for lighting fixtures. Des. 62,760; July 24.
Villaret, Gustave E., New York, assignor to J. H. White Manufacturing Company, Brooklyn, N. Y. Arm for lighting fixtures. Des. 62,761; July 24.
Villaret, Gustave E., New York, assignor to J. H. White Manufacturing Company, Brooklyn, N. Y. Arm for lighting fixtures. Des. 62,762; July 24.

Villaret, Gustave E., New York, assignor to J. H. White Manufacturing Company, Brooklyn, N. Y. Body shell. Des. 62,763; July 24.
Villavicencio, Miguel A., Caracas, Venezuela. Coffee-drying machine. 1,470,703; Oct. 16.
Villeneuve, Archille, assignor to Levis Tool Factory, Ltd., Levis, Quebec, Canada. Split pulley. 1,472,145; Oct. 30.
Villiger, Walter, and R. Mechau, assignors to the Firm of Carl Zeiss, Jena, Germany. Arrangement for the examination of collective optical systems. 1,457,918; June 5.
Vincent, Edward H. (See Pegelsen, Edward N., assignor.)
Vincent, Edward H., Detroit, Mich. Lockable and tiltable steering wheel. 1,445,053; Feb. 13.
Vincent, Edward H., Detroit, Mich. Tilting locking steering wheel. 1,449,563; Mar. 27.
Vincent, Edward H., Detroit, Mich. Steering wheel. 1,459,040; June 19.
Vincent, Edward H., Detroit, Mich. Tilting and locking steering wheel. 1,476,742; Dec. 11.
Vincent, Elbert S., assignor to The Deming Company, Salem, Ohio. Pressure regulator. 1,451,481; Apr. 10.
Vincent, Ernest P., New York, N. Y. Kitchen utensil. 1,470,783; Oct. 16.
Vincent, Franz, Bridgeport, Conn. Pocketknife. 1,453,897; May 1.
Vincent, George, Darlinghurst, Sydney, New South Wales, Australia. Evaporator. 1,450,157; Mar. 27.
Vincent, Jesse G., assignor to Packard Motor Car Company, Detroit, Mich. Hydrocarbon motor. 1,442,108; Jan. 16.
Vincent, Jesse G., assignor to Packard Motor Car Company, Detroit, Mich. Hydrocarbon motor. 1,448,682; Mar. 13.
Vincent, Jesse G., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,451,034; Apr. 10.
Vincent, Jesse G., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,453,646; May 1.
Vincent, Jesse G., assignor to Packard Motor Car Company, Detroit, Mich. Hydrocarbon motor. 1,461,990; July 17.
Vincent, Jesse G., assignor to Packard Motor Car Company, Detroit, Mich. Hydrocarbon motor. 1,467,963; Sept. 11.
Vincent, Jesse G., assignor to Packard Motor Car Company, Detroit, Mich. Pumping mechanism. 1,476,781; Dec. 11.
Vincent, Jesse G., Detroit, Mich., assignor, by mesne assignments, to Kellogg Manufacturing Company, Rochester, N. Y. Auxiliary pump for motor vehicles. 1,456,201; May 22.
Vincent, John A., Springfield, Ill. Metal cleaning and polishing device. 1,446,998; Feb. 27.
Vincent, Laurence A., Pleasantville, Pa., assignor to American Dressler Tunnel Kilns, Inc., Cleveland, Ohio. Continuous tunnel kiln. 1,477,675; Dec. 18.
Vincent, Louis N., Seattle, Wash. Flange oiler or lubricator. 1,448,241; Mar. 13.
Vincent, Louis N., Seattle, Wash. Flange lubricator or oiler. 1,448,242; Mar. 13.
Vincent, Sidney C., et al. (See Wisch, Edward W. and W. J., assignors.)
Vincent, Sidney C., Baltimore, Md. Toy watch. 1,441,389; Jan. 9.
Vincent, Sidney C., Baltimore, Md. Umbrella. 1,457,679; June 5.
Vincina, Luigi. (See Muzzi, A., Bibolini, and Vincina.)
Vinçon, Gustavo, Turin, Italy. Automatic firearms. 1,464,276; Aug. 7.
Vinding, Povl, and R. J. Jensen, Copenhagen, Denmark. Wing for windmills and wind motors. 1,467,699; Sept. 11.
Vineyard, Pleas E., Windom, Tex. Accelerator. 1,466,608; Aug. 28.
Vinnedge, George E., Portland, Oreg. Resilient wheel. 1,462,891; July 24.
Vinson, Arthur T., Jacksonville, Fla. Shipping receptacle. 1,474,455; Nov. 20.
Vinson, John F., et al. (See Brown, London, assignor.)
Vinson, William A., Baltimore, Md. Device for manufacturing radially-corrugated sheet-metal disks. 1,440,709; Jan. 2.
Viola, Victor, New York, N. Y. Window cleaner. 1,471,871; Oct. 23.
Violante, Pasquale, Naples, Italy. Device for cutting out women's garments. 1,447,229; Mar. 6.
Viozzi, Joseph, Hamilton, Ontario, Canada. Mechanical horse. 1,444,486; Feb. 6.
Viquesney, Ernest M., Spencer, Ind. Statuette, incense burner, or similar article. Des. 62,349; May 8.
Viruette, Joseph D. (See Dauley, I. S., and Viruette.)
Vische, Cipriano, Geneoa, Italy. Cinematographic apparatus for the performance of musical films. 1,461,298; July 10.
Vischer, Alfred, jr., New York, N. Y. Governor. 1,443,664; Jan. 30.
Vischer, Alfred, jr., Floral Park, assignor to Western Electric Company, Incorporated, New York, N. Y. Calling device. 1,454,496; May 8.
Viscoloid Company. (See Loomis, Evarts G., assignor.)
Viscoloid Company. (See Person, Earl R., assignor.)
Viscose Company, The. (See Clayton (James, Assignor.)
Viser, William M., Louisville, Ky. Public trash receptacle. Des. 62,313; May 1.
Visger, Robert H., assignor of three-fourths to O. H. Wallen, Chicago, Ill. Measuring device. 1,454,354; May 8.
Visitacion, Aniceto, Brooklyn, N. Y. Multiple-writing instrument. 1,463,983; Aug. 7.
Visitacion, Aniceto, Brooklyn, N. Y. Combination check pen protector. 1,474,744; Nov. 20.
Vissering, Harry, and Company. (See Anderson, Harry T., assignor.)
Vistine, John, Cicero, Ill. Vegetable cutter. 1,466,519; Aug. 28.
Vitaliano, Salvatore, Hazleton, Pa. Tire filler. 1,462,837; July 24.
Vitanola Talking Machine Company. (See Schiff, Henry T., assignor.)
Vit-O-Net Mfg. Co. (See Craddick, W. F., and Uhlig, assignors.)
Vitrolite Company, The. (See Beebe, Daniel S., assignor.)
Vittlea Development Corporation. (See Dieter, William, assignor.)
Vivarttas, William O., Weehawken, N. J. Compressed-air-pipe coupling. 1,446,489; Feb. 27.
Vivarttas, William O., Weehawken, N. J. Wrench. 1,468,529; Sept. 18.
Vivian, Archibald C., Barnes, London, England. Flotation process for concentrating ores and the like. 1,449,797; Mar. 27.
Vlas, Meyer, Paterson, N. J. Carpenter's implement. 1,441,613; Jan. 9.
Vliet, Frank H. (See Leager, S. F., and Vliet.)
Vobach, Herman E., Madison, Wis. Spring wheel. 1,465,747; Aug. 21.
Voegeli, Johann, Zurich, Switzerland. Apparatus for the combustion of poisonous gases in blast furnaces. 1,447,581; Mar. 6.
Voegtle, Charles J., West Hoboken, N. J. Carburetor. 1,478,152; Dec. 18.
Voelker, Alfred T., Glassboro, N. J. Torpedo. 1,449,564; Mar. 27.
Voelker, Edward, St. Louis, Mo. Direction signal and parking light for vehicles. 1,450,876; Apr. 3.
Voelker, George W., Woonsocket, R. I. Attachment for suction-applying members of vacuum cloth hydro-extractors. 1,471,671; Oct. 23.
Voelker, George W., Woonsocket, R. I. Tension truss for presser beds. 1,473,364; Nov. 6.
Voellmecke, Carl H., Cincinnati, Ohio. Pipe hanger. 1,474,059; Nov. 13.
Voge, Edward, West Alexandria, Ohio. Propeller. 1,461,054; July 10.
Vogel, Carl H., Buffalo, N. Y. Vehicle step. 1,464,735; Aug. 14.
Vogel, Charles. (See Watts, V., and Vogel.)
Vogel, Eugene W., Oak Park, assignor to Chicago Railway Signal and Supply Company, Carpentersville, Ill. Highway-crossing signal. 1,450,998; Apr. 10.
Vogel, Frank W., Dulce, N. Mex. Clothespin. 1,446,362; Feb. 20.
Vogel, Hans E. R. (See Eichwald, E., and Vogel.)
Vogel, Hans E. R., assignor to the Firm Oelwerke Stern-Sonneborn A. G., Hamburg, Germany. Capillary viscosimeter. 1,467,461; Sept. 11.
Vogel, Harry, Irvington, N. J. Game. 1,449,565; Mar. 27.
Vogel, Joseph P., assignor to Heyl & Patterson, Inc., Pittsburgh, Pa. Picking table. 1,473,365; Nov. 6.
Vogel, Joshua F., assignor to The Gendron Wheel Co., Toledo, Ohio. Hood for toy automobiles. 1,442,454; Jan. 16.
Vogel, Joshua F., and F. A. Nauts, assignors to The Gendron Wheel Company, Toledo, Ohio. Spindle mounting. 1,468,768; Sept. 25.
Vogel, Otto, Dusseldorf-Oberkassel, Germany. Pickling bath and pickling iron and steel. 1,460,395; July 3.
Vogel, P. F., et al. (See Wentz, John, assignor.)
Vogel, Paul H., New Britain, Conn. Spirit level. 1,462,430; July 17.
Vogelaar, Anthony W., Bulyea, Saskatchewan, Canada. Tool box. 1,472,701; Oct. 30.
Voges, Edwin, Riesel, Tex. Insect trap. 1,471,986; Oct. 23.
Voges, Ernest, San Antonio, Tex. Razor-blade sharpener. 1,470,514; Oct. 9.
Vogt, Alfred R. G., Chemnitz, assignor to the Firm: Wanderer Werke- vorm. Winklhofer & Jaenicke A. G., Schonau, near Chemnitz, Germany. Typewriter. 1,446,951; Feb. 27.
Vogt, Bert R. (See Younger, Charles D., assignor.)
Vogt Bros. & Squier Company. (See Vogt, Clarence, assignor.)
Vogt, Carl, Denver, Colo. Ash bucket. 1,470,205; Oct. 9.
Vogt, Charles, Chicago, Ill. Locking device. 1,471,077; Oct. 16.
Vogt, Clarence, Wenonah, N. J., assignor to Vogt Bros. & Squier Company, Philadelphia, Pa. Cut-out for vehicle motors. 1,471,078; Oct. 16.

Vogt, Clarence C., assignor of three-fourths to G. F. Bowman, Oakmont, and one-fourth to C. F. C. Arensberg, Pittsburgh, Pa. Mucin-dissolving agent. 1,471,987; Oct. 23.
Vogt, Frank P. (See Vogt, Philip A. and F. P.)
Vogt, John H., assignor to The Nolde & Horst Co., Reading, Pa. Cop cover. 1,465,536; Aug. 21.
Vogt, Otto F., Washington, D. C. Educational appliance. 1,465,699; Aug. 21.
Vogt, Philip A. and F. P., Chicago, Ill. Building. 1,474,864; Nov. 20.
Voight, George F., San Francisco, Calif., assignor to W. S. Burgess, Oak Park, Ill. Lever shock absorber. 1,445,250; Feb. 13.
Voight, George F., San Francisco, Calif., assignor to W. S. Burgess, Oak Park, Ill. Shock absorber. 1,445,251; Feb. 13.
Voight, Henry G., assignor to Sargent & Company, New Haven, Conn. Lever lock. 1,441,313; Jan. 9.
Voight, Henry G., New Britain, assignor to Sargent & Company, New Haven, Conn. Lock for filler caps. 1,456,161; May 22.
Voight, Henry G., New Britain, assignor to Sargent & Company, New Haven, Conn. Lock. 1,456,838; May 29.
Voigt Company. (See Meixner, William J., assignor.)
Voigt & Haeffner Actien Gesellschaft. (See Van der Sterr, Petrus K., assignor.)
Voigt, Joseph C., Los Angeles, Calif. Water-circulating machine run by the fan belt for gasoline engines on automobiles. 1,456,684; May 29.
Voigt, Max T., Reading, Pa., assignor to L. Frankel, New York, N. Y. Transmission apparatus. 1,444,573; Feb. 6.
Voigt, William L. (See Löffler, Raimund J., assignor.)
Voinov, Rudy, Cleveland, Ohio. Wrench. 1,455,822; May 22.
Voirol, Jules A., Hartford, Conn. Tire tool. 1,459,867; June 26.
Vokal, Paul F., Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Lathe-tool holder. 1,458,633; June 12.
Volkers, Emil, Berlin-Lankwitz, Germany. Oscillating pendulum. 1,445,465; Feb. 13.
Volkman, Frederick C., et al. (See Wisch, Edward W. and W. J., assignors.)
Volkman, Stanley, Minneapolis, Minn. Attachment for woodworking machines. 1,452,008; Apr. 17.
Vollendorf, Benjamin O., Iron Mountain, Mich. Motor truck. 1,456,747; May 29.
Vollmann, Carl W., Montreal, Quebec, Canada. Compressor. 1,451,723; Apr. 17.
Vollmer, Wilhelm, Brooklyn, N. Y. Machine for bending metal. 1,441,047; Jan. 2.
Vollmer, William F., Akron, and J. N. De Muth, Pembroke, N. Y. Honey extractor. 1,474,865; Nov. 20.
Vollmuth, Louis, Chicago, Ill. Trolley harp. 1,448,474; Mar. 13.
Volman, Ani, Bridgeton, N. J. Securing element. 1,475,907; Nov. 27.
Volpian, Alexander S., Savannah, Ga. Lamp filament and support. 1,457,239; May 29.
Volters, Edward, St. Louis, Mo. Collapsible bathtub. 1,444,487; Feb. 6.
Voltz, Albert G., Tulsa, Okla. Hack saw. 1,470,897; Oct. 16.
Voltz, Arthur G., Cleveland, Ohio. Lubricating rubber molds. 1,462,563; July 24.
Volwiler, Ernest H. (See Adams, R., and Volwiler.)
Volwiler, Ernest H., assignor to The Abbott Laboratories, Chicago, Ill. Hypnotic and analgesic compound. 1,478,463; Dec. 25.
Volwiler, Ernest H., Chicago, and R. Adams, Urbana, assignors to The Abbott Laboratories, Chicago, Ill. Anæsthetic compound. 1,476,934; Dec. 11.
Volz, Chris L., Detroit, Mich. Electric switch. 1,459,520; June 19.
Von Allmen, Christian, Louisville, Ky. Jar closure. 1,463,856; Aug. 7.
Von Arx, Adolf, Niederuzwil, Switzerland. Chain lock. 1,477,858; Dec. 18.
Von Auw, Alwin, assignor to Boorum & Pease Company, Brooklyn, N. Y. Plug hinge for loose-leaf binders. 1,474,866; Nov. 20.
Von Bauer, Theodor, Burgel, Turingen, Germany, and B. Zwillinger, New York, N. Y.; said von Bauer assignor to said Zwillinger, K. Zwillinger administratrix of said B. Zwillinger, deceased. Sole-heated coke oven. 1,478,410; Dec. 25.
Von Bernewitz, Richard F. A., Cincinnati, Ohio. Direction indicator. 1,454,355; May 8.
Von Bibra, Carl J. (See Prutzman, P. W., and von Bibra.)
Von Bichowsky, Foord, Glendale, Calif. Synthetic production of alkali-metal cyanides. 1,472,403; Oct. 30.
Von Bültzingslöwen, Bruno, New York, N. Y. Advertising sign. 1,445,808; Feb. 20.
Von Bültzingslöwen, Bruno, New York, N. Y. Advertising sign. 1,445,809; Feb. 20.
Von Bültzingslöwen, Bruno, New York, N. Y. Advertising sign. 1,445,861; Feb. 20.
Von Canon, James B., West End, N. C. Self-loading mechanism for vehicles. 1,441,314; Jan. 9.
Von Codelli, Anton F., Moste, Yugoslavia. Refrigerator. 1,467,462; Sept 11.
Von Codelli, Anton F., Moste, near Laibach, Yugoslavia. Miniature cooling apparatus. 1,468,876; Sept. 25.
Vonderharr, Frank J., Granville, Iowa. End gate. 1,454,003; May 1.
Vonderheid, Carl A., and H. L. Eddy, Oil Hill, Kans. Boiler-flue cleaner or scaler. 1,466,317; Aug. 28.
Von der Heydt, Harry K., Butte, Mont. Dental appliance. 1,477,091; Dec. 11.
Von der Schmalz, Carl, Philadelphia, Pa. Weighting and dyeing silks. 1,457,607; June 5.
Vondersloot, Arthur J., San Francisco, Calif. Game apparatus. 1,468,336; Sept. 18.
Vonde Veld, Edwin A., El Paso, Tex. Dispensing apparatus. 1,464,893; Aug. 14.
Von Ditmar, Peter, Hamburg, Germany. Treating hydrocarbons, and particularly crude petroleum. 1,448,643; Mar. 13.
Vondracek, George J., Verdigre, Nebr. Ventilated automobile windshield. 1,445,732; Feb .20.
Von Egerházy, Ludwig. (See Radó, A., Mayer, and von Egerházy.)
Von Endt, August. (See Bastian, George, assignor.)
Von Engeln, Harry F., Ludell, Kans. Wheat stacker. 1,459,271; June 19.
Von Glahn, George J., Brooklyn, N. Y. Pipe fitting. 1,476,861; Dec. 11.
Von Groeling, Albrecht, assignor to National Refining Corporation, Inc., New York, N. Y. Separation of natural gas and distillation gases into gasoline and other constituents. 1,456,953; May 29.
Von Halle, Millard, Palisades Park, N. J., assignor to The Standard Corset Company, New York, N. Y. Corset. 1,465,104; Aug. 14.
Von Halle, Millard, Palisades Park, N. J., assignor to The Standard Corset Company, New York, N. Y. Corset. 1,465,105; Aug. 14.
Von Hambach, Ernest, Chicago, Ill., assignor to H. D. Lafferty, Oakland, Calif. Timer. 1,462,309; July 17.
Von Herrlich, Mathilde. (See Wassilieff, Alexander, assignor.)
Von Hornbostel, Erich M., Steglitz, near Berlin, and M. Wertheimer, Berlin, Germany. Method and means for determining the direction of sounds. 1,467,545; Sept. 11.
Von Horst, Louis, Coberg, Germany. Flavoring agent for beverages. 1,464,520; Aug. 14.
Von Kersburg, Harry E., assignor to R. H. Macy & Co., Inc., New York, N. Y. Safety attachment for stop watches. 1,459,006; June 19.
Von Kothen, William, Kansas City, Mo. Solid truck tire. 1,464,786; Aug. 14.
Von Krenski, Roman, Berlin-Friedenau, Germany. Vehicle tire. 1,453,033; Apr. 24.
Von Leesen, Emil, Berlin, Germany. Pneumatic hammer. 1,464,787; Aug. 14.
Von Lücken, Gottfried, Berlin, Germany. Photographically reproducing pictures represented on curved surfaces. 1,456,954; May 29.
Von Pein, Edward J., assignor to The National Cash Register Company, Dayton, Ohio. Change-making ticket register. 1,446,675; Feb. 27.
Von Porat, Karl H. V., Stockholm, assignor to Motala Verkstads Nya Aktiebolag, Motala Verkstad, Sweden. Furnace for pulverous fuel. 1,462,310; July 17.
Von Post, Gustaf, New York, N. Y. Automatic balance weighing apparatus. 1,459,272; June 19.
Von Recklinghausen, Max. (See Henri, V., Helbronner, and von Recklinghausen.)
Von Segebaden, Ernst S. D., Djursholm, assignor to Aktiebolaget Gerh, Arehns Mekaniska Verkstad, Stockholm, Sweden. Feed device for veneer-cutting machines, lathes, cutting machines, and the like. 1,449,798; Mar. 27.
Von Serkey, Joseph, San Francisco, Calif. Spirit level. 1,459,381; June 19.
Von Soden-Fraunhofen, Graf Alfred, Friedrichshafen, Germany. Change-speed gear. 1,453,032; Apr. 24.
Von Stein, Henry A., Jenera, Ohio. Corn harvester and shocker. 1,441,897; Jan. 9.
Von Tell, Edward E., Gottenborg, Sweden. Ship's hatch. 1,455,513; May 15.
Vons, John, Lakewood, Ohio. Steering wheel. 1,470,784; Oct. 16.
Voorhies, Felix E., Dallas, Tex. Cotton-seed-linting machine. 1,449,847; Mar. 27.
Voorhies, Felix E., Dallas, Tex. Cottonseed-linting machine. 1,457,329; June 5.
Voorhies, Frederick E., Tulsa, Okla. Gas condenser. 1,451,190; Apr. 10.
Voorhis, William H., New York, N. Y., assignor to American Bank Note Company. Wiping mechanism for rotary plate-printing machines. 1,468,530; Sept. 18.
Voorst, J Clarence, New York, N. Y. Division plate for egg cases. 1,461,235; July 10.
Voracek, Frank B., Portland, Oreg. Airplane. 1,451,352; Apr. 10.
Vorbroker, Edmund, Cincinnati, Ohio. Casing for an electric way and stop signal device for automobiles and other vehicles. Des. 63,011; Sept. 4.
Vorderwinkler, William, Roselle, N. J. Winding and reeling device. 1,463,181; July 31.

Voreaux, Paul, and R. Babel, Paris, France. Rotary apparatus operating as pump or motor. 1,451,284; Apr. 10.
Vorel, Frank, Hanover, Mont. Floor-cleaning apparatus. 1,467,629; Sept. 11.
Voress, Clyde L., New York, N. Y., and V. C. Canter, Bradford, Pa., assignors to Gasoline Recovery Corporation. Volatilizing, distilling, or separating absorbed vapors. 1,453,215; Apr. 24.
Vortex Mfg. Co., The. (See Barbieri, Cesare, assignor.)
Vortex Mfg. Co., The. (See Curtin, David F., assignor.)
Vos, Calvin, New York, N. Y. Treating molten metals. 1,469,706; Oct. 2.
Vosburg, Alan E., and R. B. Whitney, Detroit, Mich., assignors to A. V. Hannifin, Chicago, Ill. Boring bar and the like. 1,461,202; July 10.
Vosburgh, Eugene, Longmont, Colo. Knife-setting appliance. 1,478,539; Dec. 25.
Vosburgh, John R., Johnstown, N. Y. Repair plug for inner tubes. 1,453,485; May 1.
Vosburgh, Loren F., Mount Vernon, N. Y. Railway-ticket structure. 1,442,915; Jan. 23.
Vosburgh, William W., Troy, N. Y. Rim mounting. 1,447,108; Feb. 27.
Vosler, Kenneth D., South Amboy, N. J. Drawing implement. 1,461,335; July 10.
Vosper, William W., assignor to The Toledo Pipe Threading Machine Company, Toledo, Ohio. Pipe-cutting machine. 1,468,935; Sept. 25.
Vosper, William W., assignor to The Toledo Pipe Threading Machine Company, Toledo, Ohio. Pipe-cutting apparatus. 1,471,872; Oct. 23.
Voss, Charles H. (See Britzwein, Christian F., assignor.)
Voss, Henry W., and C. A. Balzer, assignors to The Monarch Carriage Goods Company, Cincinnati, Ohio. Glare shield for automobiles. 1,462,726; July 24.
Voss, John P. (See Forsyth, William M., assignor.)
Voss, Joseph, Manitowoc, Wis. Safety deposit box. 1,463,182; July 31.
Voss, Wilhelm, assignor to Schott & Gen, Jena, Germany. Obtaining sodium dekaborate from boronatrocalcite. 1,444,989; Feb. 13.
Voss, William H., Davenport, Iowa. Wringer. 1,472,620; Oct. 30.
Voss, William H., Davenport, Iowa. Washing machine. 1,473,130; Nov. 6.
Voss, William H., Davenport, Iowa. Door. 1,473,131; Nov. 6.
Votaw, Homer S., Chopaka, Wash. Safety apparatus for railway rolling stock. 1,462,254; July 17.
Vowell, Asbury C. and W. O., sr., Little Rock, Ark. Press. 1,448,779; Mar. 20.
Vowell, William O., sr. (See Vowell, Asbury C. and W. O.)
Vowles, Ernest H., Fitchburg, Mass., assignor to Fitchburg Bobbin Cleaning Machine Company. Bobbin-cleaning machine. 1,473,265; Nov. 6.
Vrba, John, Chicago, Ill. Pipe or cable clamp. 1,462,671; July 24.
Vreeland, George W., Steubenville, Ohio. Screen for dust catchers. 1,474,921; Nov. 20.
Vreeland, George W., and G. E. Wisener, Steubenville, Ohio. Remotion of blast-furnace salamanders. 1,455,313; May 15.
Vsetecka, William J. (See Tillman, J. T., and Vsetecka.)
Vuilleumier, Rudolph, New Rochelle, N. Y., assignor to The Safety Car Heating & Lighting Company. Method of and apparatus for heat differentiation. 1,459,270; June 19.
Vuilleumier, Rudolph, New Rochelle, N. Y., assignor to The Safety Car Heating & Lighting Company. Apparatus for applying heat and using such apparatus. 1,460,046; June 26.
Vulcan Foundry Limited, The. (See Richards, Rupert P., assignor.)
Vulcan Iron Works. (See Damon, George B., assignor.)
Vulcan Iron Works. (See Moore, Roscoe, assignor.)
Vulcan Last Company, The. (See Searl, Clinton M., assignor.)
W-M-P Manufacturing Co. (See Parks, Robert D., assignor.)
W. & T. Avery, Limited. (See Timson, William, assignor.)
Waage, Alvin H., Rosedale, N. Y. Transformer cooler and electric heater. 1,458,634; June 12.
Waaler, George R., Chicago, Ill. Store display stand or similar article. Des. 63,668; Dec. 25.
Wable, John H., et al. (See Snyder, Samuel W., assignor.)
Wachtel, Louis. (See David, Ernest, assignor.)
Wack, Charles H., Baltimore, Md. Cleat for electric conduits. 1,452,993; Apr. 24.
Wacker, Frederick G., Chicago, Ill. Closure for receptacles. 1,471,079; Oct. 16.
Wacker, Frederick G., Chicago, Ill. Bung structure for metal barrels and the like. 1,473,411; Nov. 6.
Wackman, Louis B., St. Louis, Mo. Barrel-sealing device. 1,476,935. Dec. 11.
Waclaw, Martin J., Bethlehem, Pa. Reduction gear. 1,441,136; Jan. 2.
Waddell, Harvey H., Cary, N. C. Reserve oil tank for automobiles. 1,442,502; Jan. 16.
Waddell, William J. (See Smith, J. H., and Waddell.)
Waddicor, Richard. (See McCavitt, John P., assignor.)
Wade, Charles N., Paterson, N. J. Ticket printing and delivering machine. 1,443,771; Jan. 30.
Wade, Charles N., Paterson, N. J. Transfer-printing machine. 1,471,369; Oct. 23.
Wade, Edward J., St. John's Wood, London, and G. W. Jacobs, Purley, England. Variable-speed gearing for motor road and other vehicles. 1,450,999; Apr. 10.
Wade, Edwin A. (See Jago, A. C., and Wade.)
Wade, Henry N., Shorewood, assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Controller for electric motors. 1,454,527; May 8.
Wade, Henry N., assignor to The Cutler-Hammer M'f'g Co., Milwaukee, Wis. Rheostat. 1,464,857; Aug. 14.
Wade, James M. (See Wells, A. Z., and Wade.)
Wade, Jem R., assignor of one-half to The New England Electric Company, Denver, Colo. Automatically-operating fabric clamping and gripping buckle. 1,451,191; Apr. 10.
Wade, Joseph. (See Ordung, Henry H., assignor.)
Wade, Joseph, et al. (See Ordung, Henry H., assignor.)
Wade, Reginald N. (See Osborn, W. M., and Wade.)
Wade, Robert C., Chicago, Ill., assignor to The Tonofone Company. Phonographic stylus. 1,478,192; Dec. 18.
Wadell, Albert H., assignor to Abso-Seal Joint Piston Ring Corporation, Newark, N. J. Piston ring. 1,444,046; Feb. 6.
Waderlow, Alexander W., Detroit, Mich. Collapsible stool. 1,448,171; Mar. 13.
Wadleigh, Roy L., Luverne, Iowa. Staple-pulling implement. 1,474,569; Nov. 20.
Wadleigh, Rufus D., Old Town, Me. Baffle block and combustion-chamber top. 1,461,566; July 10.
Wadsworth, Arthur W., Fort Thomas, Ky. Watchcase crystal. 1,446,952; Feb. 27.
Wadsworth, Arthur W., and A. P. Conant, Fort Thomas, assignors to The Wadsworth Watch Case Company, Dayton, Ky. Watchcase. Des. 63,669; Dec 25.
Wadsworth, Arthur W., and A. P. Conant, Fort Thomas, assignors to The Wadsworth Watch Case Company, Dayton, Ky. Watchcase. Des. 63,670; Dec. 25.
Wadsworth, Arthur W., and A. P. Conant, Fort Thomas, assignors to The Wadsworth Watch Case Company, Dayton, Ky. Watchcase. Des. 63,671; Dec. 25.
Wadsworth Core Machine and Equipment Company, The. (See Wadsworth, George H., assignor.)
Wadsworth Electric Manufacturing Company, The. (See Wadsworth, George B., assignor.)
Wadsworth, Frank L. O., assignor to A. Kingsbury, Pittsburgh, Pa. Bearing. 1,441,614; Jan. 9.
Wadsworth, Frank L. O., assignor to A. Kingsbury, Pittsburgh, Pa. Bearing. 1,445,188; Feb. 13.
Wadsworth, George B., assignor to The Wadsworth Electric Manufacturing Company, Covington, Ky. Switch box. 1,444,858; Feb. 13.
Wadsworth, George B., assignor to The Wadsworth Electric Manufacturing Company, Covington, Ky. Safety box for electric installation. Re15,718; Nov. 6.
Wadsworth, George H., assignor to The Wadsworth Core Machine and Equipment Company, Akron, Ohio. Core-making machine. 1,441,048; Jan. 2.
Wadsworth, Howard L. (See Bryson, Charles W., assignor.)
Wadsworth, Howard L., Cleveland, Ohio. Sand-cutting machine. 1,443,772; Jan. 30.
Wadsworth, Howard L., Cleveland, Ohio. Sand-cutting machine. 1,443,773; Jan. 30.
Wadsworth, Howard L., Cleveland, Ohio. Sand-cutting machine. 1,466,863; Sept. 4.
Wadsworth, Howard L., Cleveland, Ohio. Sand cutting and screening machine. 1,475,729; Nov. 27.
Wadsworth, Lawrence H., London, England. Electrically-operated switch and the like. 1,471,080; Oct. 16.
Wadsworth, Philip. (See Whiting, J., and Wadsworth.)
Wadsworth, Philip C., assignor to Cotona Corporation, New York, N. Y. Cleaning and conditioning cotton for spinning. 1,460,519; July 3.
Wadsworth Watch Case Company, The. (See Conant, Arthur P., assignor.)
Wadsworth Watch Case Company, The. (See Wadsworth, A. W., and Conant, assignors.)
Waechter, Ferdinand F., and W. S. Campbell, Philadelphia, Pa., assignors to Link-Belt Company, Chicago, Ill. Pier structure. 1,443,297; Jan. 23.
Waffenfabrik Mauser, A. G. (See Kissendorfer, Karl, assignor.)
Wagandt, Charles L., Baltimore, Md. Window frame for oil-stove openings. Des. 62,038; Mar. 6.
Wagar, Duane H., Ocean Park, Calif. Savings bank. 1,459,424; June 19.
Wagemaker, Isaac, Grand Rapids, Mich. Index-card guide. 1,444,404; Feb. 6.
Wagemaker, Isaac, Grand Rapids, Mich. Pad or covering for desks, tables, and the like. 1,444,405; Feb. 6.
Wagemans, Joseph E., and G. Ledewyn, Brussels, Belgium. Stop mechanism for rotary box looms. 1,460,003; June 26.
Wagenbach, Anton, Elberfeld, Germany. Shears for iron and similar materials. 1,469,467; Oct. 2.
Wagenhals, William G., Saginaw, Mich. Drum for washing machines. 1,469,975; Oct. 9.

Alphabetical list of patentees—Continued.

Wagenhorst, James H., Jackson, Mich. Making spokes. 1,459,169; June 19.
Wagenhorst, James H., Jackson, Mich. Rotary internal-combustion engine. 1,473,656; Nov. 13.
Wagenhorst, James H., Akron, Ohio. Metal wheel. 1,474,183; Nov. 13.
Wagenhorst, James H., Akron, Ohio. Metal wheel. 1,475,161; Nov. 20.
Wagenlander, George, Washington, D. C. Internal-combustion engine. 1,474,217; Nov. 13.
Wager, Robert H., Jersey City, N. J. Air-supply wall for furnaces. 1,440,753; Jan. 2.
Waggoner, Albert E., assignor of one-half to Geo. W. Diener Mfg. Co., Chicago, Ill. Fire extinguisher. 1,445,733; Feb. 20.
Waggoner, Oron, Alton, Ill. Beehive opener. 1,448,609; Mar. 13.
Waggoner, Zack H., Gastonia, N. C. Window holder. 1,442,016; Jan. 9.
Wagner, Albert, assignor to Wagner Research Society, Cincinnati, Ohio. Auxiliary air valve for internal-combustion engines. 1,453,296; May 1.
Wagner, Albert, assignor, by mesne assignments, to The Wemb Company, Cincinnati, Ohio. Carburetor. 1,462,219; July 17.
Wagner, Albert, assignor to The Wemb Company, Cincinnati, Ohio. Auxiliary air valve for internal-combustion engines. 1,470,785; Oct. 16.
Wagner, Albert G., Norwood, assignor of two-eighths to H. A. Meyer, two-eighths to F. Elsbach, and two-eighths to J. Bloch, Cincinnati, Ohio. Transmission-gear-shifting mechanism. 1,457,199; May 29.
Wagner, Andrew, West Hoboken, assignor to Ferguson Brothers Mfg. Co., Hoboken, N. J. Table. 1,453,736; May 1.
Wagner, Arthur J., Rochester, N. Y. Lingerie clasp. 1,459,382; June 19.
Wagner, Charles, New York, N. Y., assignor to Alfred Vester Sons, Inc., Providence, R. I. Spindle for lighting fixtures. Des. 62,039; Mar. 6.
Wagner, Charles, New York, N. Y., assignor to Alfred Vester Sons, Inc., Providence, R. I. Spindle for lighting fixtures. Des. 62,040; Mar. 6.
Wagner, Charles, New York, N. Y., assignor to Alfred Vester Sons, Inc., Providence, R. I. Sconce for lighting fixtures. Des. 62,041; Mar. 6.
Wagner, Charles, Grantwood, and A. Hormel, Jersey City, N. J. Drying apparatus for plates of metal and other material. 1,443,104; Jan. 23.
Wagner, Charles, Grantwood, and A. Hormel, Jersey City, N. J. Conveyer chain for drying apparatus and the like. 1,452,943; Apr. 24.
Wagner, Charles, Grantwood, N. J., and A. Hormel, New York, N. Y. Drying apparatus for plates of metal and other material. 1,467,211; Sept. 4.
Wagner, Charles, Grantwood, and A. Hormel, Jersey City, N. J. Drying apparatus for plates of metal and other material. 1,468,181; Sept. 18.
Wagner, Charles F., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electropercussive welding system. 1,451,558; Apr. 10.
Wagner, Charles F., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Means for obtaining high momentary current. 1,456,955; May 29.
Wagner, Charles N. (See Turner, Henry R., assignor.)
Wagner, Edward A., Fort Wayne, Ind., assignor to General Electric Company. Electrically-heated tool. 1,462,431; July 17.
Wagner Electric Corporation. (See Fynn, Valère A., assignor.)
Wagner, Ezra B., San Jose, Calif. Direction indicator. 1,440,804; Jan. 2.
Wagner, Francis M., Pittsburgh, Pa. Safety pin. 1,474,127; Nov. 13.
Wagner, Fred W., Pittsburgh, Pa. Purification of waste liquors. 1,473,750; Nov. 13.
Wagner, Fritz, Berlin-Lichterfelde, Germany. Water-purifying system for locomotives. 1,474,218; Nov. 13.
Wagner, George E.; R. R. and R. M. Downie assignors to Keystone Driller Company, Beaver Falls, Pa. Excavating scoop. 1,476,121; Dec. 4.
Wagner, H. I., Co. (See Pedersen, Thomas W., assignor.)
Wagner, Hans, and W. Strube, Magdeburg, Germany, assignors to Nathan Manufacturing Company, New York, N. Y. Valve. 1,476,862; Dec. 11.
Wagner, Hugo G., Point Pleasant Beach, N. J. Apparatus for making electric-battery elements. 1,476,782; Dec. 11.
Wagner, Isaac, Walla Walla, Wash. Trap. 1,474,805; Nov. 20.
Wagner, Jene W., Cross Plains, Tex. Hook. 1,445,372; Feb. 13.
Wagner, Jesse W., Silverdale, Kans. Wall board. 1,473,981; Nov. 13.
Wagner, Joseph F., assignor to The Dunham Company, Berea, Ohio. Agricultural implement wheel. 1,444,224; Feb. 6.
Wagner, Martin, Argusville, N. Dak. Washing machine. 1,459,607; June 19.
Wagner, Ole C., Seattle, Wash. Wire spiller and lifting net. 1,463,857; Aug. 7.
Wagner, Orville. (See Kobey, Maurice D., assignor.)
Wagner, Paul A., Jersey City, N. J. Dyeing machine. 1,441,898; Jan. 9.
Wagner, Paul A., Jersey City, N. J. Pile-cutting device. 1,450,011; Mar. 27.
Wagner, Paul A., Jersey City, N. J. Pile-cutting device. 1,452,285; Apr. 17.
Wagner, Paul A., Jersey City, N. J. Reed for looms. 1,461,547; July 10.
Wagner, Ray C., Metamora, Ill. Lock for tire chains. 1,463,604; July 31.
Wagner Research Society. (See Wagner, Albert, assignor.)
Wagner, Robert E., Pittsfield, Mass., assignor to General Electric Company. Casing for electrical apparatus. 1,477,792; Dec. 18.
Wagner, Rudolf, Hamburg, Germany, assignor to Star Contrapropeller Ltd. A./S., Christiania, Norway. Screw propeller. 1,461,841; July 17.
Wagner, Walter A. (See Ariens, F. A. and Wagner.)
Wagner, William F., Washington, D. C. Masonry structure. 1,453,557; May 1.
Wagner, William F., Washington, D. C. Suit hanger. Re15,628; June 19.
Wagner Woodruff Co. (See Van Daren, Frank J., assignor.)
Wagnon, William P., Portland Oreg., and H. J. Bomar, Tacoma, Wash. File-sharpening machine. 1,470,206; Oct. 9.
Wagoner, Charles B., Rochester, N. Y. Chimney cap. 1,470,305; Oct. 9.
Wagoner, George A. (See Boring, J. W., and Wagoner.)
Wagstaff, Andrew L., Kansas City, Mo. Collapsible ironing board. 1,456,661; May 29.
Wagstaff, Andrew L., assignor, by mesne assignments, to Wagstaff Box Mfg. Co., Kansas City, Mo. Hinge. 1,467,344; Sept. 11.
Wagstaff Box Mfg. Co. (See Wagstaff, Andrew L., assignor.)
Wagstaff, Richard A. (See Call, B. G., and Wagstaff.)
Wahl, André, Enghien, and R. Lantz, Paris, France, assignors of nine-tenths to Societe Anonyme Des Matières Colorantes & Produits Chimiques De Saint-Denis, Paris, France. Manufacture of 2-oxy-1-aryl naphthylamines. 1,460,774; July 3.
Wahl Company, The. (See Poole, A. F., and Vernier, assignors.)
Wahl Company, The. (See Tefft, Ivan D., assignor.)
Wahl Company, The. (See Wahl, John C., assignor.)
Wahl Company, The. (See Welch, Horace H., assignor.)
Wahl, Frank S., North Tonawanda, N. Y. Internal-combustion engine. 1,460,458; July 3.
Wahl, Frederick G. (See Straub, O. I., and Wahl.)
Wahl, George L., Minneapolis, Minn. Force-feed oiling system. 1,459,484; June 19.
Wahl, John, assignor to A. Schrader's Son, Incorporated, Brooklyn, N. Y. Wrench. 1,457,719; June 5.
Wahl, John C., assignor to The Wahl Company, Chicago, Ill. Clip for mechanical pencils. 1,465,957; Aug. 28.
Wahl, John C., Chicago, Ill., assignor to The Wahl Company, Wilmington, Del. Magazine pencil. 1,473,412; Nov. 6.
Wahl, Henry R., Chicago, Ill. Hydraulic separator. 1,442,199; Jan. 16.
Wahl, Leo J., Sterling, Ill. Clipper. 1,471,536; Oct. 23.
Wahl, Leo J., Sterling, Ill. Electric clipper. 1,474,128; Nov. 13.
Wahl, Robert, Preetz, assignor to Deutsche Werke Aktiengesellschaft, Berlin, Germany. Ship's motor. 1,446,775; Feb. 27.
Wahl, William H., Des Moines, Iowa. Radiator structure for furnaces. 1,463,410; July 31.
Wahlberg, Nils A., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Section insulator. 1,451,559; Apr. 10.
Wahlberg, Nils J. A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Section-break device. 1,440,511; Jan. 2.
Wahlen, Gustavus A. N., Louisville, Ky. Attachment for rakes. 1,450,877; Apr. 3.
Wahlen, Henry A. (See Friis, P., and Wahlen.)
Wahlstrom, Verner J., Brooklyn, assignor to International Cigar Machinery Company, New York, N. Y. Cigar-bunch machine. 1,442,200; Jan. 16.
Wahnöe, Hermann A. T., Copenhagen, Denmark. Cryptograph. 1,472,775; Oct. 30.
Waida, Frank, assignor to M. A. Waida, Chicago, Ill. Candy-making machine. 1,447,914; Mar. 6.
Waida, Mary A. (See Waida, Frank, assignor.)
Wailes, Leonard A., New Orleans, La. Self-registering scale for fishing rods. 1,458,014; June 5.
Wainwright, Frank R., Jersey City, N. J. Scale attachment. 1,458,089; June 5.
Wainwright, George, Boston, Mass. Bag-filling machine. 1,477,198; Dec. 11.
Wainwright, Joseph E., Brooklyn, N. Y. Valve-lifting device. 1,447,447; Mar. 6.
Wainwright, William W., Tacoma, Wash. Combination valve and dust cap. 1,464,376; Aug. 7.
Wais, Albert C., Hamilton, Ohio, assignor to Niles-Bement-Pond Company, New York, N. Y. Counterweight for boring mills. 1,440,512; Jan. 2.

Wait, Henry H., Anderson., assignor, by mesne assignments, to Midwest Engine Corporation, Indianapolis, Ind. Multistage turbine. 1,469,707; Oct. 2.
Wait, Henry H., Chicago, Ill., assignor to The Westinghouse Electric and Manufacturing Company. Dynamo-electric machine. 1,470,786; Oct. 16.
Wait, John C., administrator. (See Lowenstein, Fritz.)
Wait, Justin F., New York, N. Y. Utilization of ammonia. 1,452,009; Apr. 17.
Wait, Thaddeus S. (See Henry, J. A., and Wait.)
Waite, Bertram, Galt, Ontario, Canada. Dirigible headlight for automobiles. 1,454,608; May 8.
Waite, Carlton K., Minneapolis, assignor to New Liberty Washing Machine Company, St. Paul, Minn. Reversing mechanism for washing machines. 1,471,873; Oct. 23.
Waite, Charles M., New York, N. Y. Race-course implement. 1,441,647; Jan. 9.
Waite, Evans Company. (See Evans, Edwin B.)
Waite, Frank H., Long Island City, N. Y. Baffle brick. 1,473,132; Nov. 6.
Waite, Frank H., Long Island City, N. Y. Baffle brick. 1,478,309; Dec. 18.
Waite, Harry F., New York, N. Y. Filter indicator for X-ray systems. 1,449,357; Mar. 20.
Waite, Harry F., New York, N. Y. Vibrating buckey diaphragm for scattered X-ray radiation. 1,471,081; Oct. 16.
Waite, Henry J., Peckham, England. Lamp-shade carrier. 1,477,734; Dec. 18.
Waite, Jackson L., assignor of one-fourth to A. S. Fenzel, nine-fortieths to C. Fenzel, and one-twentieth to J. M. Jenefsky, Middletown, Ohio. Oscillating machine. 1,464,051; Aug. 7.
Waite Land and Livestock Company et al. (See Grooves, Earl C., assignor.)
Waitz, Charles A., Rouseville, Pa. Pump. 1,452,579; Apr. 24.
Waitz, Charles A., Rouseville, Pa. Pump. 1,452,580; Apr. 24.
Wajdic, Petar, Pleasant Unity, Pa. Tire pump. 1,462,432; July 17.
Wakefield, Arthur J., Miami, Fla. Piston ring remover. 1,475,665; Nov. 27.
Wakefield, F. W., Brass Company, The. (See Wakefield, Frederick W., assignor.)
Wakefield, Frank T., Pittsburgh, Pa. Outdoor gaming apparatus. 1,452,350; Apr. 17.
Wakefield, Frederick W., assignor to The F. W. Wakefield Brass Company, Vermilion, Ohio. Carburetor. 1,446,600; Feb. 27.
Wakefield, Frederick W., assignor to The F. W. Wakefield Brass Company, Vermilion, Ohio. Lamp for automobiles and the like. 1,453,534; May 1.
Wakefield, Thomas, sr., Miami, Ariz. Automatic light-circuit control. 1,464,788; Aug. 14.
Wakeford, William T. (See Arnold, E. H., and Wakeford.)
Wakelee, William W., Stratford, and A. C. Griscom, Sandy Hook, Conn. Hydraulic governor for hydrocarbon engines. 1,464,960; Aug. 14.
Walat, Gregor. (See Picklo, Valentine, assignor.)
Walatkevicius, Peter. (See Kapickas, Paul K., assignor.)
Walbrecker, Ernest, Wyomissing, assignor to The Narrow Fabric Co., West Reading, Pa. Trimming braid for garments. Des. 62,594; June 19.
Walbrecker, Ernest, Wyomissing, assignor to The Narrow Fabric Co., West Reading, Pa. Trimming braid for garments. Des. 62,595; June 19.
Walbrecker, Ernest, Wyomissing, assignor to The Narrow Fabric Co., West Reading, Pa. Trimming braid for garments. Des. 62,596; June 19.
Walbrecker, Ernest, Wyomissing, assignor to The Narrow Fabric Co., West Reading, Pa. Trimming braid for garments. Des. 62,597; June 19.
Walbrecker, Ernest, Wyomissing, assignor to The Narrow Fabric Co., West Reading, Pa. Trimming braid for garments and similar articles. Des. 63,672; Dec. 25.
Walbridge, Harvey. (See Parker, Harry J., assignor.)
Walbridge, Henry L., New York, N. Y. Cake of soap. 1,441,315; Jan. 9.
Walch, William J., Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Female gauge. 1,447,448; Mar. 6.
Walchli, George H., assignor to Kant-Break Ladders, Inc., St. Louis, Mo. Extension ladder. 1,461,952; July 17.
Wald, Samuel. (See Klein, B. M., and Wald.)
Walden, Andrew J., Griffin, Ga. Pump. 1,460,295; June 26.
Walden, Cecil J., Los Angeles, Calif. Pimiento coring and skin-loosening machine. 1,476,937; Dec. 11.
Walden, Cecil J., assignor to Royal Packing Company, Los Angeles, Calif. Conveyer. 1,476,936; Dec. 11.
Walden, Dan, Scalp Level, Pa. Combined automobile and aeroplane. 1,458,787; June 12.
Walden, Frederick E., deceased, Worcester, Mass.; G. E. Walden, executrix. Auto jack. 1,452,131; Apr. 17.
Walden, Frederick E., Worcester, Mass., assignor, by mesne assignments, to Walden-Stax Manufacturing Co., Stoneham, Mass. Wrench. 1,453,898; May 1.
Walden, Grace E., executrix. (See Walden, Frederick E.)
Walden Knife Company. (See Henry, Ferdinand G., assignor.)
Walden-Stax Manufacturing Co. (See Walden, Frederick E., assignor.)
Walden, Wallace E., Domingo, N. Mex. Feed fuel for explosion engines. 1,464,592; Aug. 14.
Walden-Worcester, Inc. (See Bellows, Warren S., assignor.)
Walder & Co. (See Peyer, Emil, assignor.)
Waldes & Co. Inc. (See Bail, Emil A., assignor.)
Waldheim, John, Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,441,049; Jan. 2.
Waldheim, John, Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,451,482; Apr. 10.
Waldheim, John, Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,464,122; Aug. 7.
Waldman, Herman C., St. Louis, Mo. Fire door. 1,451,353; Apr. 10.
Waldo, Algermont H., St. Paul, Minn. Carpet. Des. 62,074; Mar. 13.
Waldo, Algermont H., St. Paul, Minn. Carpet. Des. 62,075; Mar. 13.
Waldo, Algermont H., St. Paul, Minn. Rug. Des. 62,116; Mar. 27.
Waldo, Algermont H., St. Paul, Minn. Rug. Des. 62,117; Mar. 27.
Waldo, Algermont H., St. Paul, Minn. Rug. Des. 62,118; Mar. 27.
Waldo, Algermont H., St. Paul, Minn. Rug. Des. 62,119; Mar. 27.
Waldo, Algermont H., St. Paul, Minn. Rug. Des. 62,120; Mar. 27.
Waldo, Algermont H., St. Paul, Minn. Rug. Des. 62,121; Mar. 27.
Waldo, Algermont H., St. Paul, Minn. Rug. Des. 62,122; Mar. 27.
Waldo, Algermont H., St. Paul, Minn. Rug. Des. 62,123; Mar. 27.
Waldo, Algermont H., St. Paul, Minn. Rug. Des. 62,124; Mar. 27.
Waldo, Algermont H., St. Paul, Minn. Rug. Des. 62,125; Mar. 27.
Waldo, Algermont H., St. Paul, Minn. Rug. Des. 62,126; Mar. 27.
Waldo, Algermont H., St. Paul, Minn. Rug. Des. 62,127; Mar. 27.
Waldo, Algermont H., St. Paul, Minn. Rug. Des. 62,128; Mar. 27.
Waldo, William E., et al. (See Haas, Victor E., assignor.)
Waldo, Willis G. (See Peacock, Samuel, assignor.)
Waldon, Sidney D. (See Sherbondy, Earl H., assignor.)
Waldorf, Charles E. (See Sibley, J. T., and Waldorf.)
Waldorf Paper Products Company. (See Gamm, Charles C., assignor.)
Waldron, Fred D., Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Helmet. 1,456,524; May 29.
Waldron, Harold E., Highland Park, Mich. Water-heating apparatus. 1,458,090; June 5.
Waldron, William H., Washington, D. C. Military stock. 1,477,402; Dec. 11.
Wales Adding Machine Company. (See Coffee, Joseph C., assignor.)
Wales Adding Machine Company. (See Moeller, William, assignor.)
Wales Adding Machine Company. (See Shappelle, Harold A., assignor.)
Wales, Claude A., Brooklyn, N. Y., assignor to The Passenger Lorry Company. Vehicle frame. 1,475,328; Nov. 27.
Wales, Claude A., Brooklyn, N. Y., assignor to The Passenger Lorry Company. Vehicle body. 1,475,329; Nov. 27.
Wales, Claude A., Brooklyn, N. Y., assignor to The Passenger Lorry Company. Vehicle frame. 1,475,330; Nov. 27.
Wales, Claude A., Brooklyn, N. Y., assignor to The Passenger Lorry Company. One step dirigible vehicle. 1,475,331; Nov. 27.
Wales, Claude A., Brooklyn, N. Y., assignor to The Passenger Lorry Company. Vehicle frame. 1,475,332; Nov. 27.
Wales, Nathaniel B., New York, N. Y. Method of and structure for utilizing superheated liquid fuels. 1,464,253; Aug. 7.
Walford, Harry N. (See Johnston, C. F., and Walford.)
Walkenhorst, Hermann, Milton, Ky. Hatpin fastener. 1,453,422; May 1.
Walker, Alexander J., Owen Sound, Ontario, Canada, assignor to H. P. Walker, Hepworth, Ontario, Canada. Apparatus for the manufacture of ice-cream cones. 1,476,122; Dec. 4.
Walker, Alvin M. (See Withrow, F. G., and Walker.)
Walker, Ario, administrator. (See Walker, Charles W. and A. C.)
Walker, Ario C. (See Walker, Charles W. and A. C.)
Walker, Arthur D., Minneapolis, Minn. Card-game scorer. 1,455,416; May 15.
Walker, Arthur W., Malden, Mass. Electric range. 1,442,109; Jan. 16.
Walker, Benjamin F., Bridgeport, Conn. Vehicle wheel. 1,463,640; July 31.
Walker, Benjaman J., Lynnville, Tenn. Lawn mower. 1,468,425; Sept. 18.

Walker Body Company. (See Wells, George W., assignor.)
Walker, Charles D. (See McLaughlin, James P., assignor.)
Walker, Charles J., Gary, Ind. Riveter. 1,454,777; May 8.
Walker, Charles J., Gary, Ind. Adjustable high chair. 1,465,291; Aug. 21.
Walker, Charles P., Columbus, Ga. Mail distributor. 1,471,370; Oct. 23.
Walker, Charles W., Apollo, Pa. Game. 1,456,162; May 22.
Walker, Charles W., deceased, Stratford, and A. C. Walker, Bridgeport, Conn.; A. Walker, administrator. Typewriting machine. 1,478,591; Dec. 25.
Walker, Chester E. (See Cloyd, Oliver H., assignor.)
Walker, Chester E., Peoria, Ill. Devotional bench. 1,441,548; Jan. 9.
Walker, Chester E., Peoria, Ill. Prie dieu. Des. 62,314; May 1.
Walker, Cyril T., Secunderabad, Deccan, India. Apparatus for sharpening the blades of safety razors. 1,452,401; Apr. 17.
Walker, David, New York, N. Y. Fishing hook. 1,452,630; Apr. 24.
Walker, Earl C., assignor to W. P. Ingersoll, Canton, Ill. Hydrocarbon burner. 1,474,867; Nov. 20.
Walker, Edward M., Detroit, Mich. Toy shooter, 1,450,342; Apr. 3.
Walker, Edwin L., Onaway, Mich. Propeller. 1,454,356; May 8.
Walker, Frank A., Normal, Ill. Railway crossing. 1,440,754; Jan. 2.
Walker, Fred, Neepawa, Manitoba, Canada. Siding tightener. 1,461,991; July 17.
Walker, Frederick G., Chicago, Ill. Foldable closure. 1,463,346; July 31.
Walker, Frederick G., Chicago, Ill. Foldable closure. 1,463,347; July 31.
Walker, George H., Worcester, assignor to Heenan & Froude, Limited, Manchester and Worcester, England. Dynamometer. 1,462,778; July 24.
Walker, George K., Glens Falls, N. Y., assignor to Great Northern Paper Company, Millinocket, Me. Cleaning felts of paper machines. 1,468,057; Sept. 18.
Walker, George L., Moorhead, Minn. Check-protecting means. 1,461,055; July 10.
Walker, George R., Clarenden Hills, assignor, by mesne assignments, to Walker Vehicle Company, Chicago, Ill. Driving wheel for motor vehicles and the like. 1,455,943; May 22.
Walker, George W., Oakland, Calif. Garment pocket. 1,460,993; July 3.
Walker, Glenn J., assignor to Midwestern Tractor Wheel Co., Detroit, Mich. Tractor wheel. 1,459,190; June 19.
Walker, Grover C., Chicago, Ill. Ventilator. 1,462,924; July 24.
Walker, Harry H., Grantwood, N. J. Bookkeeping form. 1,446,229; Feb. 20.
Walker, Harry H., and F. Enos, jr., assignors to The Norwich Automatic Feeder Company, New London, Conn. Poultry feeder. 1,466,864; Sept. 4.
Walker, Harry M., Grayburg, Tex. Check-controlled mechanism. 1,463,521; July 31.
Walker, Henry, assignor of one-half to F. F. Slocomb, Wilmington, Del. Sound box. 1,469,058; Sept. 25.
Walker, Henry B. (See Brown, C. O., and Walker.)
Walker, Henry P. (See Walker, Alexander J., assignor.)
Walker, Henry V., Newark, N. J. Nitration apparatus. 1,454,870; May 15.
Walker, Henry V., Newark, N. J. Nitrating cellulose. 1,454,871; May 15.
Walker, James, Nettleton, Pa. Road-cleaning means. 1,449,075; Mar. 20.
Walker, James, Columbus, Ohio, assignor to Solar-Sturges Mfg. Co. Wastecan. 1,470,207; Oct. 9.
Walker, James A., Los Angeles, Calif. Knockdown interlocking frame. 1,458,563; June 12.
Walker, James J., Youngstown, Ohio. Lock for water meters. 1,473,751; Nov. 13.
Walker, James L., Sandy, Utah. Water motor. 1,441,955; Jan. 9.
Walker, John, Honolulu, Hawaii. Multiple tile mold. 1,448,884; Mar. 20.
Walker, John, Honolulu, Hawaii. Core lifter. 1,448,885; Mar. 20.
Walker, John, Honolulu, Hawaii. Mortar gauge. 1,478,776; Dec. 25.
Walker, John B., Brooklyn, N. Y., and A. R. Bond, Plainfield, N. J. Director firing system. 1,474,745; Nov. 20.
Walker, John W., Batley, assignor of one-half to Platt Brothers and Company Limited, Oldham, England. Automatic feeder for carding engines. 1,476,476; Dec. 4.
Walker, John W., Batley, assignor of one-half to Platt Brothers and Company Limited, Oldham, Lancaster, England. Movable back for apron feeders. 1,476,477; Dec. 4.
Walker, Joseph L., Baton Rouge, La. Sawing machine. 1,450,657; Apr. 3.
Walker, Joseph L., assignor to The K-D Barrel & Hamper Co., Baton Rouge, La. Machine for making barrel heads. 1,452,010; Apr. 17.
Walker, Joseph L., assignor to The K-D Barrel & Hamper Co., Baton Rouge, La. Barrel-making machine. 1,460,459; July 3.
Walker, Joseph L., assignor to The K-D Barrel & Hamper Co., Baton Rouge, La. Machine for making barrels. 1,460,460; July 3.
Walker, Joseph L., assignor to K-D Barrel & Hamper Co., Baton Rouge, La. Tubular saw. 1,467,406; Sept. 11.
Walker, Lenard, et al. (See James, William E., assignor.)
Walker, Lewis M., Cranston, R. I. Machine for making or operating upon elliptical objects. 1,474,868; Nov. 20.
Walker, Lewis M., Cranston, R. I. Turning head for lathes. 1,474,869; Nov. 20.
Walker Manufacturing Company. (See Walker, Willard F., assignor.)
Walker, Mathew. (See Harrison, J. H., and Walker.)
Walker, Neil, Madison, Ind. Hose clamp. 1,473,133; Nov. 6.
Walker, O. S., Co. (See Walker, Oakley S., assignor.)
Walker, Oakley S., assignor to O. S. Walker Co., Worcester, Mass. Magnetic chuck. 1,442,545; Jan. 16.
Walker, Pat J. (See Day, H. J., and Walker.)
Walker, Percy H. D., Meriden, and L. L. Turner, South Meriden, Conn., assignors to The Charles Parker Company, Meriden, Conn. Quick-action vise. 1,451,724; Apr. 17.
Walker, Philip J. (See Walker, Thomas S. and P. J.)
Walker, Samuel G. (See Griffiths, H. R., and Walker.)
Walker, Sanders. (See Miller, Frank J., assignor.)
Walker Signal and Equipment Corporation. (See Walker, William L., assignor.)
Walker, Stephen M., Oak Park, Ill. Container. 1,477,400; Dec. 11.
Walker, Thomas, et al. (See Mallory, Marion, assignor.)
Walker, Thomas E., assignor to Crittall Casement Window Co., Detroit, Mich. Tension device for casement windows. 1,464,229; Aug. 7.
Walker, Thomas S. and P. J., Birmingham, England. Ship's log. 1,451,602; Apr. 10.
Walker Vehicle Company. (See Walker, George R., assignor.)
Walker, Viola K., administratrix. (See McGahan, Frederick L.)
Walker, W. J., et al. (See McElrath, James R., assignor.)
Walker, Wilbur L., La Grange, Ill. Adjustable tie bar for switches. 1,463,984; Aug. 7.
Walker, Willard T., assignor to Walker Manufacturing Company, Racine, Wis. Display stand. Des. 63,151; Oct. 16.
Walker, William C., Monroe Township, Madison County, Ind. Glass-polishing machine. 1,444,225; Feb. 6.
Walker, William H., Chicago, Ill. Phone index and guide. 1,476,743; Dec. 11.
Walker, William H., and H. Goff, Parsons, Tenn. Dirigible headlight. 1,450,194; Apr. 3.
Walker, William L., New York, N. Y. Vault light. 1,463,452; July 31.
Walker, William L., assignor to Walker Signal and Equipment Corporation, New York, N. Y. Signaling apparatus. 1,461,056; July 10.
Walker, William P., Spartanburg, S. C. Store cabinet. 1,447,364; Mar. 6.
Walkley, Frank H. (See Walther, G., and Walkley.)
Walkley, Frank H., assignor to The Dayton Steel Foundry Company, Dayton, Ohio. Wheel. 1,478,493; Dec. 25.
Walkowe, John J., Detroit, Mich. Swage or dolly block. 1,441,316; Jan. 9.
Walkup, Samuel T., New York, N. Y. Power press. 1,454,497; May 8.
Walkup, Samuel T., New York, N. Y. Car door. 1,473,328; Nov. 6.
Wall, Charles M., Curwensville, Pa. Self-adjusting elevator-boot control. 1,441,137; Jan. 2.
Wall, Joseph F., Westfield, N. J. Window screen. 1,470,658; Oct. 16.
Wall, Myron S., Berkeley, assignor to Standard Oil Company, San Francisco, Calif. Sign. Des. 62,463; June 5.
Wall, Ormond E., Honolulu, Hawaii. Expression device for player pianos. 1,463,234; July 31.
Wall, Ormond E., Honolulu, Hawaii. Pneumatic control device for player pianos. 1,463,275; July 31.
Wall, Porter G., Ararat, N. C. Furnace door. 1,459,808; June 26.
Wall, William A., Carrollton, and A. N. Mitchell, Rockbridge, Ill. Curtain and quilting frame. 1,455,944; May 22.
Wallace, Albert S., Chicago, Ill. Tire tool. 1,444,226; Feb. 6.
Wallace, Albert S., Chicago, Ill. Tire tool. 1,449,466; Mar. 27.
Wallace, Anthony, New York, N. Y. Drip-pan alarm. 1,458,898; June 12.
Wallace, David A., assignor of two-thirds to A. Schoel, Waterloo, Iowa. Meat press. 1,473,590; Nov. 6.
Wallace, Donald M., Maplewood, N. J., assignor to The Lord Baltimore Press, Inc., Baltimore, Md. Automobile lamp kit. 1,449,961; Mar. 27.
Wallace, Edward W. (See Barili, Arthur E. H., assignor.)
Wallace, Edwin C., West Roxbury, Mass. Manufacture of fuel. 1,443,105; Jan. 23.
Wallace, Emmett E. (See Grady, Claude D., assignor.)

Wallace, Frank C. (See McNeill, Dennis, assignor.)
Wallace, Frank W., Chattanooga, Tenn. Coaster. 1,468,682; Sept. 25.
Wallace, Fred S., Cleveland, Ohio. Method of and means for handling and hacking bricks. 1,469,200; Sept. 25.
Wallace, Halbert C., Kansas City, Mo. Straw spreader. 1,448,644; Mar. 13.
Wallace, Halbert C., assignor of three-fourths to J. I. Wallace, Kansas City, Mo. Pneumatic fan. 1,477,469; Dec. 11.
Wallace, Harry, Newark, N. J. Wheel hub and axle construction. 1,451,244; Apr. 10.
Wallace, Harry B., St. Louis, Mo. Vulcanizing tires. 1,453,034; Apr. 24.
Wallace, Harvey R., Brooklyn, assignor to Loft Incorporated, New York, N. Y. Candy-coating machine. 1,471,429; Oct. 23.
Wallace, Herbert A., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Sectional instrument case. 1,467,345; Sept. 11.
Wallace, James F., Brooklyn, N. Y. Collapsible core. 1,455,686; May 15.
Wallace, Jesse I. (See Wallace, Halbert C., assignor.)
Wallace, Joseph. (See Malewig, P., and Wallace.)
Wallace, Joseph, New York, N. Y. Pencil. 1,443,399; Jan. 30.
Wallace, M. A. (See Karns, Walter E., assignor.)
Wallace, Philip B., and F. H. Fox, San Francisco, Calif.; said Fox assignor to said Wallace. Bending machine. 1,473,893; Nov. 13.
Wallace, R., & Sons Mfg. Co. (See Chelee, Harry I., assignor.)
Wallace, R., & Sons Mfg. Co. (See Hillborn, Henrik, assignor.)
Wallace, R., & Sons Mfg. Co. (See Leete, Murray B., assignor.)
Wallace, Thomas P., Memphis, Tenn. Treating cotton-seed in handling, cleaning, and delinting. 1,470,339; Oct. 9.
Wallace, William W., Bucyrus, Ohio. Brick-handling fork. 1,474,806; Nov. 20.
Wallach, Roger N., New York, N. Y., assignor to The Grasselli Chemical Company. Making 2-3 oxy-naphthoic acid. 1,470,039; Oct. 9.
Wallbillich, Anthony F., Newark, N. J. Recording apparatus for vehicles. 1,458,451; June 12.
Wallbillich, Anthony F., Newark, assignor to S. T. D. Recording Instrument Corp., Roselle, N. J. Speed, time, and distance recorder. 1,468,426; Sept. 18.
Walldow, Carl, San Jose, Calif. Sack holder. 1,453,961; May 1.
Walle, Ludwig S., Scotia, N. Y., assignor to General Electric Company. Automatic reclosing circuit-breaker system. 1,477,401; Dec. 11.
Wallen, Oscar H. (See Visger, Robert H., assignor.)
Wallentine, Axel V. (Tappen, A. G., and Wallentine.)
Waller, Alfred E., Bronxville, N. Y., assignor to Ward Leonard Electric Company. Rheostat. 1,474,060; Nov. 13.
Waller, Charles E., Allentown, Pa., assignor to Trojan Powder Company, New York, N. Y. Detonator composition. 1,462,093; July 17.
Waller, George J. (See Woodhull, S. T., and Waller.)
Waller, Lee R., Westmount, Quebec, Canada, assignor to Western Electric Company, Incorporated, New York, N. Y. Brush-tripping device. 1,472,818; Nov. 6.
Waller, Robert H. (See Ball, P. V., and Waller.)
Waller, Robert H., assignor to Quicksafe Manufacturing Company, Nashville, Tenn. Can opener. 1,451,192; Apr. 10.
Waller, William. (See Greenfield, J. W., and Waller.)
Wallerstein, Leo, New York, N. Y. Absorptive material and producing the same. 1,442,372; Jan. 16.
Wallgren, Gunnar A. F. (See Uggla, W. R., and Wallgren.)
Wallgren, John O., Worcester, Mass. Bobbin-head ring. 1,468,427; Sept. 18.
Walling, Frederick J., Lomax, Ill. Hot-water heater. 1,441,899; Jan. 9.
Wallingford, James S., Paris, Ky. Garment supporter. 1,463,380; July 31.
Wallis, John E., Richmansworth, England. Building block. 1,460,084; June 26.
Wallis, Louise A., Los Angeles, Calif. Doll. Des. 63,344; Nov. 20.
Wallis, Norman V., San Antonio, Tex. Trap. 1,462,399; July 17.
Walliser, Carl O., assignor to H. F. Walliser Company, Chicago, Ill. Edging. Des. 63,275; Nov. 13.
Walliser, H. F., Company. (See Walliser, Carl O., assignor.)
Wallman, Herman G., St. Cloud, West Orange, N. J. Float device. 1,466,494; Aug. 28.
Walls, George A. (See Baird, M. B., and Walls.)
Walls, Harold H., Jackson, Mich. Artificial bait. 1,462,949; July 24.
Walls, R. W., et al. (See Thompson, Reid W., assignor.)
Walper, Curry O., assignor of one-third to F. A. Maslen and one-third to B. E. Clark, Detroit, Mich. Building construction. 1,448,886; Mar. 20.
Walper, Curry O., assignor of one-third to F. A. Maslen and one-third to B. E. Clark, Detroit, Mich. Wall construction. 1,459,170; June 19.
Walper, Curry O., assignor of one-third to F. A. Maslen and one-third to B. E. Clark, Detroit, Mich. Wall construction. 1,461,590; July 10.
Walper, Curry O., assignor of one-third to F. A. Maslen and one-third to B. E. Clark, Detroit, Mich. Building structure. 1,467,127; Sept. 4.
Walper, Curry O., assignor of one-third to F. A. Maslen and one-third to B. E. Clark, Detroit, Mich. Work-holding stand. 1,469,860; Oct. 9.
Walper, Curry O., assignor of one-third to F. A. Maslen and one-third to B. E. Clark, Detroit, Mich. Plaster board. 1,474,657; Nov. 20.
Walper, Curry O., assignor to Standard Plastering System, Detroit, Mich. Means and method for preparing plastic compositions. 1,476,938; Dec. 11.
Walpole, Benjamin M., assignor to National Gas Furnace Company, Providence, R. I. Annealing apparatus. 1,472,702; Oct. 30.
Walrad, Harry J., Moran, Kans. Stovepipe fastener. 1,447,109; Feb. 27.
Walrath, Willard, assignor to F. J. Randall, Johnstown, N. Y. Jug. 1,442,709; Jan. 16.
Walraven, Albert T., Dallas, Tex. Gumming machine. 1,462,838; July 24.
Walrow, Hans T., New York, N. Y. Folding cross. 1,473,530; Nov. 6.
Walser, Henry J. (See Haynes, Harold L., assignor.)
Walser, Joseph J., Ann Arbor, Mich., and H. Fankboner, Chicago, Ill., assignors to Goss Printing Press Company. Inking mechanism. 1,450,269; Apr. 3.
Walser, Joseph J., Ann Arbor, Mich., and H. Fankboner, Chicago, Ill., assignors to Goss Printing Press Company. Inking mechanism. 1,450,270; Apr. 3.
Walser, Robert, Union Hill, N. J. Automatic control for window shades. 1,472,703; Oct. 30.
Walsh, Edward F., assignor to Superior Boiler Works, Marion, Ind. Hydraulic hoist for motor vehicles. 1,465,658; Aug. 21.
Walsh, Frank J., and R. L. Watts, Tacoma, Wash. Composite lumber. 1,465,383; Aug. 21.
Walsh, Harry C. H., Chicago, Ill., assignor to Continental Can Company, Inc., Syracuse, N. Y. Gang die press. 1,462,094; July 17.
Walsh, James A., Toledo, Ohio. Comb cleaner. 1,467,128; Sept. 4.
Walsh, John J., Syracuse, N. Y. Usher's signal. 1,443,106; Jan. 23.
Walsh, John R., and J. J. Ostermann, Covington, Ky. Intake-manifold lock. 1,441,317; Jan. 9.
Walsh, Joseph H., Boston, Mass., assignor to Johns-Manville Incorporated, New York, N. Y. Drier. 1,448,887; Mar. 20.
Walsh, Joseph H., Reading, Mass., assignor to Johns-Manville Incorporated, New York, N. Y. Art of and apparatus for drying materials. 1,470,306; Oct. 9
Walsh, Joseph P., Vancouver, British Columbia, Canada. Dry kiln. 1,469,976; Oct. 9.
Walsh, Michael J., Langhorne, Pa. Rake. 1,467,212; Sept. 4.
Walsh, Patrick J., Worcester, Mass. Conveyer. 1,474,393; Nov. 20.
Walsh, Philip R., et al. (See Hachmann, Frederick, assignor.)
Walsh, Richard, Mobile, Ala. Marine boiler. 1,463,933; Aug. 7.
Walsh, Robert A., Carbondale, Pa. Car replacer. 1,478,625; Dec. 25.
Walsh, Thomas F., Alexandria, Nebr. Stock-car partition. 1,444,287; Feb. 6.
Walsh, William A., Avoca, Pa. Tire structure. 1,460,775; July 3.
Walsh, William D. (See Tenney, D., and Walsh.)
Walsh, William J., Hamilton, Ontario, Canada. Book-rest. 1,454,197; May 8.
Walsh, William P., Chicago, Ill. Lock bottle and cap. 1,475,908; Nov. 27.
Walston, Benjaman B., Dallas, Tex. Door holder. 1,460,047; June 26.
Walstrom, Charles W., assignor to Minneapolis Bedding Company, Minneapolis, Minn. Crib. 1,478,411; Dec. 25.
Walten, Max, Washington, D. C. Coupling device. 1,450,826; Apr. 3.
Walter, A. G., et al. (See Jaeger, Carl, assignor.)
Walter, Abraham, New York, N. Y. Clasp for wristbands, etc. 1,444,574; Feb. 6.
Walter, Albert U., assignor to C. A. B. Shreve, Baltimore, Md. Liquid-level indicator. 1,477,403; Dec. 11.
Walter, Harrison B., assignor to Chicago Mill and Lumber Company, Chicago, Ill. Making boxes and boxes made of fiber or paper board. 1,449,467; Mar. 27.
Walter, Harrison B., assignor to Chicago Mill and Lumber Company, Chicago, Ill. Box. 1,449,468; Mar. 27.
Walter, Harrison B., Philadelphia, Pa., assignor to Fibre Container Company. Multiple-stapling machine. 1,449,641; Mar. 27.
Walter, Harrison B., Philadelphia, Pa., assignor to Fibre Container Company. Multiple stapling machine. 1,458,161; June 12.
Walter, Harvey F., and G. R. McNeely, Kinston, N. C. Soda fountain. 1,440,425; Jan. 2.

Alphabetical list of patentees—Continued.

Walter, Hugo J., assignor to Interstate Window Glass Company, Bradford, Pa. Drawing glass. 1,475,527; Nov. 27.
Walter, John E., Waukegan, Ill. Direction signal for vehicles. 1,450,930; Apr. 10.
Walter, John H., Brooklyn, N. Y. Vending machine. 1,475,730; Nov. 27.
Walter, Richard, Dusseldorf, Germany. Making acid-proof alloys. 1,444,891; Feb. 13.
Walters, Arthur B., Kansas City, Mo. Liquid measuring and dispensing device. 1,454,572; May 8.
Walters, Charles, Chicago, Ill., assignor of one-half to W. P. Owens. Water heater. 1,441,648; Jan. 9.
Walters, Charles A., Marion, Iowa. Carpenter's square. 1,463,605; July 31.
Walters, Charles T., St. Paul, Minn. Rod packing. 1,473,451; Nov. 6.
Walters, Charles W. (See Nolan, E., and Walters.)
Walters, George. (See Forse, W. T. Jones, and Walters.)
Walters, George A. (See Bireley, J. W., and Walters.)
Walters, George M., Pleasantville, assignor of one-half to H. H. Postell, Atlantic City, N. J. Ignition lock. 1,448,888; Mar. 20.
Walters, Gustav, Middletown, Conn. Fountain brush. 1,469,708; Oct. 2.
Walters, John H. (See Hilsdorf, William G., assignor.)
Walters, Le Roy A., Miami, Fla. Key ring. 1,466,572; Aug. 28.
Walters, Odin B., Council Bluffs, Iowa. Road maintaining and resurfacing machine. 1,460,930; July 3.
Walther, Adolph F., assignor to L. H. Heister, jr., Cleveland, Ohio. Hoist tower for building operations. 1,459,123; June 19.
Walther, Fritz, Zella-Mehlis, Germany. Automatic pistol. 1,449,566; Mar. 27.
Walther, Fritz and G., Zella-Mehlis, Germany. Automatic firearm. 1,457,477; June 5.
Walther, Fritz and G., Zelle-Mehlis, Germany. Self-loading firearm. 1,460,807; July 3.
Walther, Georg. (See Walther, Fritz and G.)
Walther, George, Dayton, Ohio. Wheel. 1,444,048; Feb. 6.
Walther, George, Dayton, Ohio. Cushion wheel. 1,447,365; Mar. 6.
Walther, George, Dayton, Ohio. Pattern for casting steel wheels. 1,463,348; July 31.
Walther, George, Dayton, Ohio. Brake drum. 1,473,366; Nov. 6.
Walther, George, assignor to The Dayton Steel Foundry Company, Dayton, Ohio. Apparatus for casting steel wheels. 1,444,047; Feb. 6.
Walther, George, assignor to The Dayton Steel Foundry Company, Dayton, Ohio. Producing of cast-metal wheels. 1,457,128; May 29.
Walther, George, assignor to The Dayton Steel Foundry Company, Dayton, Ohio. Wheel. 1,460,293; June 26.
Walther, George, assignor to The Dayton Steel Foundry Company, Dayton, Ohio. Wheel. 1,469,288; Oct. 2.
Walther, George, assignor to The Dayton Steel Foundry Company, Dayton, Ohio. Casting steel wheels. 1,478,494; Dec. 25.
Walther, George, assignor to The Dayton Steel Foundry Company, Dayton, Ohio. Wheel. 1,478,496; Dec. 25.
Walther, George, and F. H. Walkley, assignors to The Dayton Steel Foundry Company, Dayton, Ohio. Wheel. 1,463,349; July 31.
Walther, George, and J. A. Winters, assignors to The Dayton Steel Foundry Company, Dayton, Ohio. Bottom board. 1,478,495; Dec. 25.
Walton, Cecil E., Cincinnati, Ohio, assignor to American Telephone and Telegraph Company. Telegraph apparatus. 1,478,412; Dec. 25.
Walton, Charles F., jr. (See Paine, H. S., and Walton.)
Walton, Charles F., jr., Washington, D. C., dedicated, by mesne assignments, to the People of the United States. Preparing sirup. 1,465,459; Aug. 21.
Walton, Charles F., jr., and H. S. Paine, Washington, D. C., dedicated, by mesne assignments, to the people of the United States. Food sirup and preparing same. 1,467,022; Sept. 4.
Walton, Charles W., Fruitvale, Calif. Automobile hat-rack. 1,472,258; Oct. 30.
Walton, Clifford J., Collingswood, N. J., assignor to American Telephone and Telegraph Company. Wire grip. 1,466,007; Aug. 28.
Walton, Edward L., et al. (See Brumfield, Thomas R., assignor.)
Walton, Elbert J., Union City, Ind. Automobile construction or the like. 1,447,161; Feb. 27.
Walton, Ernest, Sheffield, England. Ingot and like mold. 1,472,200; Oct. 30.
Walton, George W., Mission, Tex. Stropping device. 1,469,468; Oct. 2.
Walton, Hugh B., Deer Park, Wash. Tire. 1,456,163; May 22.
Walton, John, Milwaukee, Wis. Power setworks. 1,440,650; Jan. 2.
Walton, John J., Dante, Va. Tub. 1,455,945; May 22.
Walton, Joseph S., Los Angeles, Calif. Tire. 1,471,580; Oct. 23.
Walton, Oscar J., and J. L. Beard, assignors to The Murray Company, Dallas, Tex. Cotton gin. 1,445,373; Feb. 13.
Walton, Robert W., Philadelphia, Pa. Circular-knitting machine. 1,455,370; May 15.
Walton, Stokely D., Imperial, Calif. Gang disk plow. 1,455,687; May 15.
Walton, Thomas, London, England. Apparatus for printing or copying music and the like. 1,443,107; Jan. 23.
Walton, Thomas, London, England. Apparatus for printing and copying music and the like. 1,443,108; Jan. 23.
Waltz, Foster V. (See Hapgood, Clarence H., assignor.)
Walworth Manufacturing Company. (See Stenwall, Alfred, assignor.)
Wamback, Frederic, Greenwich, Conn. Spark-plug cleaner. 1,463,350; July 31.
Wambsgans, William H., Peoria, Ill. Joint for artificial limbs. 1,458,788; June 12.
Wanamaker, Edmund E., New Hartford, N. Y. Extension bed. 1,457,129; May 29.
Wanamaker, John, Philadelphia, Pa. (See Rehfuss, Martin O., assignor.)
Wandel, Kurt, assignor, by mesne assignments, to Arkell Safety Bag Company, New York, N. Y. Paper-crinkling mechanism. 1,447,699; Mar. 6.
Wander, Joseph E., Washington, D. C. Demountable rim. 1,465,196; Aug. 14.
Wanderer Werke- vorm. Winklhofer & Jaenicke A. G. (See Vogt, Alfred R. G., assignor.)
Wanderer-Werke vorm. Winklhofer & Jaenicke Aktiengesellschaft. (See Buschmann, Theodor E, assignor.)
Wanderley, Manoel V., New York, N. Y. Fire escape. 1,472,446; Oct. 30.
Wandersleb, Ernst, assignor to the Firm of Carl Zeiss, Jena, Germany. Exposure meter. 1,457,802; June 5.
Wandve, John H., Ketchikan, Alaska. Trolling spoon. 1,463,858; Aug. 7.
Wanerman, Hyman, New York, N. Y. Bowl or similar article. Des. 62,679; July 17.
Wanerman, Hyman, New York, N. Y. Bowl or similar article. Des. 62,680; July 17.
Wangenheim, Adolph V., assignor to Detroit Lubricator Company, Detroit, Mich. Valve. 1,459,809; June 26.
Wangersheim, Edgar A., assignor to General Lighting Fixture Co., Chicago, Ill. Lighting fixture. Des. 63,158; Oct. 23.
Wangersheim, Edgar A., assignor to General Lighting Fixture Co., Chicago, Ill. Lighting fixture. Des. 63,159; Oct. 23.
Wangersheim, Edgar A., assignor to General Lighting Fixture Co., Chicago, Ill. Lighting fixture. Des. 63,160; Oct. 23.
Wangersheim, Edgar A., assignor to General Lighting Fixture Co., Chicago, Ill. Lighting fixture. Des. 63,161; Oct. 23.
Wangersheim, Edgar A., assignor to General Lighting Fixture Co., Chicago, Ill. Lighting fixture. Des. 63,162; Oct. 23.
Wanklyn, Frederic L., Montreal, Quebec, Canada. Railway-track signal. 1,478,592; Dec. 25.
Wannenmacher, Rudolf. (See Etrich, I., and Wannenmacher.)
Wanner, Ephraim P., et al. (See Rothenberger, Daniel M., assignor.)
Wansing, John, Meta, Mo. Plow hitch. 1,471,297; Oct. 16.
Wansor, Claudius, Hempstead, assignor to W. B. Wansor, Locust Valley, Long Island, N. Y. Broom. 1,477,468; Dec. 11.
Wansor, William B. (See Wansor, Claudius, assignor.)
Wante, Vincent, Woonsocket, R. I. Stop motion. 1,450,931; Apr. 10.
Wantland, Edward F. (See Street, J. A., and Wantland.)
Wappat, Fred W. (See Hibbard, R. L., and Wappat.)
Wappler Electric Co. (See Bucky, Gustav, assignor.)
Wappler Electric Co. (See Fayer, Charles, assignor.)
Wappler Electric Company. (See Fayer, Charles, assignor.)
Wappler, Reinhold H., Yonkers, N. Y., assignor to American Cystoscope Makers, Inc. Lamp mounting for certain optical instruments. 1,453,297; May 1.
Warbey, Harold F. (See Brooks, Herbert C., assignor.)
Warburg, James P., Washington, D. C., assignor to Government of the United States. Magnetic compass. 1,474,394; Nov. 20.
Ward, Albert E., assignor of one-half to J. Chestnut, Walnut Ridge, Ark. Railway crossing. 1,448,645; Mar. 13.
Ward, Albert F., San Francisco, Calif. Advertising device. 1,455,179; May 15.
Ward, Albert F., assignor to The Edgerton Manufacturing Co., Plymouth, Ind. Basket liner. 1,464,671; Aug. 14.
Ward, Alfred, Norfolk, Va. Percolator and electric heating attachment for the same. 1,472,704; Oct. 30.
Ward, Alger L. (See Essex, H., and Ward.)
Ward, Artemas. (See Giles, Harvey, assignor.)
Ward, Charles E., Charleston, W. Va. Liquid heater and vaporizer. 1,456,016; May 22.
Ward, De Witt C., Rochester, N. Y. Foldable nursery table. 1,451,285; Apr. 10.
Ward, Edward C., Valley Falls, assignor to A. Lapovsky, New York, N. Y. Knitted fabric. 1,475,333; Nov. 27.
Ward, George S., New York, N. Y. Manufacture of leavened bread. 1,474,746; Nov. 20.
Ward, Henry A. W., Lower Hutt, Wellington, New Zealand. Holder for bottles. 1,464,789; Aug. 14.

Ward, Henry A. W., Lower Hutt, Wellington, New Zealand. Bottle holder. 1,464,790; Aug. 14.
Ward, Henry C., Canon City, Colo. Snowplow for automobiles. 1,446,363; Feb. 20.
Ward, Jerome. (See Barwell, J. W., Ward, Nelson, Hingher, Booth, and Blows.)
Ward, John E., Nashua, N. H. Locker for milk bottles. 1,465,537; Aug. 21.
Ward, John F., Dunsmuir, Calif. Hinge for sand spouts. 1,448,646; Mar. 13.
Ward Leonard Electric Company. (See Bullinger, Frederic H., assignor.)
Ward Leonard Electric Company. (See Camp, George W., assignor.)
Ward Leonard Electric Company. (See Kebler, Leonard, assignor.)
Ward Leonard Electric Company. (See Tomlinson, Edward J., assignor.)
Ward Leonard Electric Company. (See Waller, Alfred E., assignor.)
Ward, Neven E., Northome, Minn. Log-barking machine. 1,478,193; Dec. 18.
Ward, Paul S., assignor to The Triumph Manufacturing Company, Cincinnati, Ohio. Whip for mixing machines. 1,463,736; July 31.
Ward, Wallace E., New York, assignor to A. H. Ingle, Rochester, N. Y. Lathe headstock and feed mechanism with rapid traverse. 1,457,095; May 29.
Ward, Wallace E., assignor to A. H. Ingle, Rochester, N. Y. Vertical lathe. 1,472,105; Oct. 30.
Ward, William, sr., Brooks, Wis. Railway tie and antispreading device. 1,477,470; Dec. 11.
Ward, William E., and M. J. Barre, Birmingham, England. Wood and other pulley. 1,463,641; July 31.
Ward, William H., Swarthmore, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Desensitized explosive. 1,462,753; July 24.
Wardell, Daniel. (See Beardsley, G. A., and Wardell.)
Wardell, Henry R., New York, N. Y., assignor to Central Commercial Company, Chicago, Ill. Apparatus for treatment of asphalt. 1,448,370; Mar. 13.
Wardell, Henry R., New York, N. Y., assignor to Johns-Manville Incorporated. Roof covering. 1,466,077; Aug. 28.
Wardell, Robert D., Detroit, Mich. Holder for lightning units. 1,470,208; Oct. 9.
Wardhaugh, Ralph, New York, N. Y. Clothesline bracket. 1,472,705; Oct. 30.
Wardin, Halford B. (See Uhl, William, assignor.)
Wardle, Ralph, Tonopah, Nev. Stool. 1,449,023; Mar. 20.
Ware, Charles B., Philadelphia, Pa. Automatic valve-rod-adjusting device. 1,445,118; Feb. 13.
Ware, Elva, et al. (See Ware, Thomas E., assignor.)
Ware, Henry E., assignor of one-half to A. R. McGrew, Moorcroft, Wyo. Gate-opening mechanism. 1,477,987; Dec. 18.
Ware, Raymond, Ithaca, N. Y. Mechanical movement. 1,453,815; May 1.
Ware, Thomas E., assignor of one-sixth to J. K. Riffel, one-sixth to F. H. Dodge, one-sixth to J. M. Stewart, and one-half to E. Ware, Little Rock, Ark. Tire. 1,456,202; May 22.
Ware, Walter, Chicago, Ill. Roller. 1,469,344; Oct. 2.
Waream, Charles E., Cincinnati, and D. H. Benjamin, Cleveland Heights, assignors to The American Laundry Machinery Company, Norwood, Ohio. Ironing machine. 1,455,155; May 15.
Waream, Charles E., Cincinnati, and D. H. Benjamin, Cleveland Heights, assignors to The American Laundry Machinery Company, Cincinnati, Ohio. Shirt board for ironing machines. 1,460,184; June 26.
Waream, Charles E., Cincinnati, and D. H. Benjamin, Cleveland Heights, assignors to The American Laundry Machinery Company, Cincinnati, Ohio. Neckband former. 1,463,606; July 31.
Waream, Charles E., Cincinnati, and D. H. Benjamin, Cleveland Heights, assignors to The American Laundry Machinery Company, Cincinnati, Ohio. Shirt-ironing board. 1,469,743; Oct. 2.
Warenskjold, Axel, assignor to Atlas Imperial Engine Company, Oakland, Calif. Valve control for Diesel engines. 1,476,312; Dec. 4.
Warenskjold, Axel, and J. W. Lorimer, assignors to Atlas Imperial Engine Company, Oakland, Calif. Fuel-oil pressure regulator. 1,449,642; Mar. 27.
Wares, Clyde, Hanford, Calif. Sliding pad. 1,478,626; Dec. 25.
Warhurst, George T. (See Barr, Edward B., assignor.)
Waring, Edward J., et al. (See Bullock, Charles A. H., assignor.)
Wark, William J., Columbus, Ohio. Sign and its support. 1,460,520; July 3.
Warman, Percy S., Roselle, N. J., assignor to Alfred Vester Sons, Inc., Providence, R. I. Plate for lighting fixtures. Des. 62,681; July 17.
Warman, Percy S., Roselle, N. J., assignor to Beverly Lights Corporation, Providence, R. I. Ceiling plate for lighting fixtures. Des. 63,520; Dec. 11.
Warman, Percy S., Roselle, N. J., assignor to Beverly Lights Corporation, Providence, R. I. Bracket for lighting fixtures. Des. 63,521; Dec. 11.
Warman, Percy S., Roselle, N. J., assignor to Beverly Lights Corporation, Providence, R. I. Bracket for lighting fixtures. Des. 63,522; Dec. 11.
Warman, Percy S., Roselle, N. J., assignor to Beverly Lights Corporation, Providence, R. I. Lighting fixture. Des. 63,523; Dec. 11.
Warman, Percy S., Roselle, N. J., assignor to Beverly Lights Corporation, Providence, R. I. Bracket for lighting fixtures. Des. 63,524; Dec. 11.
Warman, Percy S., Roselle, N. J., assignor to Beverly Lights Corporation, Providence, R. I. Lighting fixture. Des. 63,525; Dec. 11.
Warman, Percy S., Roselle, N. J., assignor to Beverly Lights Corporation, Providence, R. I. Candlestick for lighting fixtures. Des. 63,526; Dec. 11.
Warman, Percy S., Roselle, N. J., assignor to Beverly Lights Corporation, Providence, R. I. Lighting fixture. Des. 63,527; Dec. 11.
Warman, Percy S., Roselle, N. J., assignor to Beverly Lights Corporation, Providence, R. I. Lighting fixture. Des. 63,528; Dec. 11.
Warman, Percy S., Roselle, N. J., assignor to Beverly Lights Corporation, Providence, R. I. Bracket for lighting fixtures. Des. 63,529; Dec. 11.
Warman, Percy S., Roselle, N. J., assignor to Beverly Lights Corporation, Providence, R. I. Bracket for lighting fixtures. Des. 63,530; Dec. 11.
Warman, Percy S., Roselle, N. J., assignor to Beverly Lights Corporation, Providence, R. I. Bracket for lighting fixtures. Des. 63,531; Dec. 11.
Warman, Percy S., Roselle, N. J., assignor to Beverly Lights Corporation, Providence, R. I. Lighting fixture. Des. 63,532; Dec. 11.
Warman, Percy S., Roselle, N. J., assignor to Beverly Lights Corporation, Providence, R. I. Lighting fixture. Des. 63,533; Dec. 11.
Warman, Percy S., Roselle, N. J., assignor to Beverly Lights Corporation, Providence, R. I. Lighting fixture. Des. 63,534; Dec. 11.
Warman, Percy S., Roselle, N. J., assignor to Beverly Lights Corporation, Providence, R. I. Lighting fixture. Des. 63,535; Dec. 11.
Warman, Percy S., Roselle, N. J., assignor to Beverly Lights Corporation, Providence, R. I. Lighting fixture. Des. 63,536; Dec. 11.
Warman, Percy S., Roselle, N. J., assignor to Beverly Lights Corporation, Providence, R. I. Lighting fixture. Des. 63,537; Dec. 11.
Warman, Percy S., Roselle, N. J., assignor to Beverly Lights Corporation, Providence, R. I. Lighting fixture. Des. 63,538; Dec. 11.
Warman, Percy S., Roselle, N. J., assignor to Beverly Lights Corporation, Providence, R. I. Lighting fixture. Des. 63,539; Dec. 11.
Warman, Percy S., Roselle, N. J., assignor to Beverly Lights Corporation, Providence, R. I. Lighting fixture. Des. 63,540; Dec. 11.
Warman, Percy S., Roselle, N. J., assignor to Beverly Lights Corporation, Providence, R. I. Lighting fixture. Des. 63,541; Dec. 11.
Warman, Percy S., Roselle, N. J., assignor to Beverly Lights Corporation, Providence, R. I. Lighting fixture. Des. 63,542; Dec. 11.
Warman, Percy S., Roselle, N. J., assignor to Beverly Lights Corporation, Providence, R. I. Bracket for lighting fixtures. Des. 63,543; Dec. 11.
Warman, Percy S., Roselle, N. J., assignor to Beverly Lights Corporation, Providence, R. I. Bracket for lighting fixtures. Des. 63,544; Dec. 11.
Warmund, Heinrich H., Berlin-Charlottenburg, Germany. Composition for coating, sealing, and the like. 1,442,752; Jan. 16.
Warmund, Heinrich H., Berlin-Charlottenburg, Germany. Sealing fluid for pneumatic tires and the like. 1,444,288; Feb. 6.
Warn, Frederick R., and P. C. Jackson, Houston, Tex. Shutter-locking attachment for cameras. 1,442,373; Jan. 16.
Warne, Frederick C., assignor to Roderick Lean Manufacturing Company, Mansfield, Ohio. Disk harrow. 1,457,277; May 29.
Warnelo, Victor, Grand Rapids, Mich. Lock. 1,449,923; Mar. 27.
Warner, Alonzo A., assignor to Landers, Frary & Clark, New Britain, Conn. Vacuum cleaner. 1,461,809; July 17.
Warner, Alonzo A., assignor to Landers, Frary & Clark, New Britain, Conn. Lock faucet. 1,472,573; Oct. 30.
Warner Brothers Company, The. (See Lovejoy, Louis B., assignor.)
Warner Brothers Company, The. (See McCabe, John J., assignor.)
Warner Brothers Company, The. (See Warner, De Ver H., assignor.)
Warner Brothers Company, The. (See Warner, De Ver H., and D. C., assignors.)
Warner, De Ver C. (See Warner, De Ver H. and D. C.)
Warner, De Ver H., assignor to The Warner Brothers Company, Bridgeport, Conn. Woman's fitted undergarment. 1,454,417; May 8.
Warner, De Ver H., and D. C., assignors to The Warner Brothers Company, Bridgeport, Conn. Woman's fitted undergarment. 1,472,447; Oct. 30.

Warner, Eleanor A., St. Paul, Minn. Vanity box. 1,464,552; Aug. 14.
Warner Elevator Manufacturing Company, The. (See Cook, Howard B., assignor.)
Warner, Frank E., assignor to Scovill Manufacturing Company, Waterbury, Conn. Button for soft collars and other articles. 1,467,279; Sept. 4.
Warner, Frank E., assignor to Scovill Manufacturing Company, Waterbury, Conn. Flexible button for soft collars and other articles. 1,467,280; Sept. 4.
Warner, Fred R., Minneapolis, Minn., assignor to Theo. Hamm Brewing Company. Making bread. 1,447,054; Feb. 27.
Warner Gear Company. (See Garceau, Harry J., assignor.)
Warner Gear Company. (See White, Samuel O., assignor.)
Warner Gear Company. (See White, S. O., and Sturdivant, assignors.)
Warner, George F., Ennis, Tex. Vehicle signal. 1,460,626; July 3.
Warner, Ida F. (See Oakley, Sterling A., assignor.)
Warner, Irving. (See Appelgate, Herlin M., assignor.)
Warner, Joseph, Nashville, Tenn. Making ferrophosphorus. 1,475,976; Dec. 4.
Warner, Loring V., Fostoria, Ohio. Lapper. 1,452,769; Apr. 24.
Warner Manufacturing Company. (See Cadman, Addi B., assignor.)
Warner, Maurice L., assignor to Manning, Bowman & Company, Meriden, Conn. Percolator. 1,475,334; Nov. 27.
Warner, Paul D., Chicago, Ill. Wall construction. 1,447,827; Mar. 6.
Warner, Selden G., assignor to New Jersey Patent Company, West Orange, N. J. Lamp. 1,463,183; July 31.
Warner, Selden G., assignor to New Jersey Patent Company, West Orange, N. J. Lantern. 1,467,346; Sept. 11.
Warner, Sotorious D., Kokomo, Ind. Resilient wheel. 1,455,180; May 15.
Warner, Sterling W., Cranford, N. J., assignor to The Aeolian Company. Perforated-music-duplicating machine. 1,443,400; Jan. 30.
Warner and Swasey Company, The. (See Birhanzl, Otto W., assignor.)
Warner and Swasey Company, The. (See Burrell, E. P., and Drake, assignors.)
Warner and Swasey Company, The. (See Van Hamersveld, John J. N., assignor.)
Warner and Swasey Company, The. (See Van Hamersveld, J. J. N., and Drake, assignors.)
Warner, William Deshler. (See Fairchild, Horatio J., assignor.)
Warner, William E., Linden, N. J. Cooking and wash utensil. 1,452,261; Apr. 17.
Warner, William W., Nowata, Okla. Working barrel. 1,466,685; Sept. 4.
Warnick Oil Heater Syndicate. (See Warnick, Michael, assignor.)
Warnick, Michael, assignor to Warnick Oil Heater Syndicate, Los Angeles, Calif. Oil-well heater. 1,450,658; Apr. 3.
Warnock, Wesley W. (See Telleson, A., and Warnock.)
Warp Compressing Machine Company. (See Remington, A. L., and Kiessling, assignors.)
Warr, Harold G., Park Ridge, assignor to The P & M Company, Chicago, Ill. Rail anchor. 1,462,157; July 17.
Warr, Harold G., Park Ridge, assignor to The P & M Company, Chicago, Ill. Guard-rail brace. 1,467,129; Sept. 4.
Warr, William, Buckton Vale, England. Production of patterns or ornamental effects upon fabrics. 1,445,734; Feb. 20.
Warren, Alice N., Reno, Nev. Comb and brush. 1,462,400; July 17.
Warren, Charles H., Atlanta, Ga., assignor to Draper Corporation, Hopedale, Mass. Feeler for looms. 1,474,985; Nov. 20.
Warren, Christopher P. R. (See Morey, H. A., and Warren, assignors.)
Warren Clock Company. (See Warren, Henry E., assignor.)
Warren, Dale, Sweetwater, Tex. Road sign. 1,463,276; July 31.
Warren, Elmer P. (See Thompson, William R., assignor.)
Warren Featherbone Company. (See Johnston, James G., jr., assignor.)
Warren, Frank H., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Tack-pulling device. 1,461,057; July 10.
Warren, Frank S., Oakland, Calif., assignor to Eastman Kodak Company, Rochester, N. Y. Camera. 1,454,198; May 8.
Warren, Glenn B., and H. L. Wirt, Schenectady, N. Y., assignors to General Electric Company. Elastic-fluid turbine. 1,475,212; Nov. 27.
Warren, Governor D., Denver, Colo. Hydraulic air compressor. 1,441,900; Jan. 9.
Warren, Hall, Galveston, Tex. Method and apparatus for decorticating nuts. 1,460,004; June 26.
Warren, Harry R., Wabuska, Nev. Spring for automobiles, 1,456,410; May 22.
Warren, Henry E., assignor to Warren Clock Company, Ashland, Mass. System for regulating frequency. 1,450,620; Apr. 3.
Warren, Henry E., assignor to Warren Clock Company, Ashland, Mass. System of electrically transmitting signals. 1,454,092; May 8.
Warren, Henry E., Ashland, Mass., assignor to Warren Clock Company. Motor drive. 1,456,082; May 22.
Warren, Henry E., Ashland, Mass., assignor to General Electric Company. Magnetic suspension. 1,462,433; July 17.
Warren, Henry E., Ashland, Mass., assignor to General Electric Company. Time switch. 1,471,082; Oct. 16.
Warren, James A., Denver, Colo. Crushing and grinding machine. 1,448,013; Mar. 13.
Warren, John J., Brownville, N. Y. Apparatus for grinding wood pulp. 1,465,069; Aug. 14.
Warren, John R., et al, trustees. (See Warren, John R., assignor.)
Warren, John R., Grand Rapids, assignor to The Piston Ring Company, Muskegon, Mich. Piston. 1,446,601; Feb. 27.
Warren, John R., Grand Rapids, assignor to said John R. Warren, D. J. Campbell, Muskegon Heights, C. E. Johnson, P. R. Beardsley, and C. P. Damm, Muskegon, Mich., trustees. Engine. 1,449,469; Mar. 27.
Warren, John W., Elizabethton, Tenn. Multiple-stave mold. 1,456,411; May 22.
Warren, Mildred L., Springfield, Mass. Educational game apparatus. 1,455,098; May 15.
Warren, Nelson J., and W. C. Smith, Sioux City, Iowa. Oil burner. 1,457,096; May 29.
Warren, Nelson J., and W. C. Smith, Sioux City, Iowa. Oil-vapor burner. 1,470,787; Oct. 16.
Warren, Paskle, Peoria, Ill. Locomotive stake. 1,474,658; Nov. 20.
Warren Soap Manufacturing Company. (See Howe, C. C., and Libby, assignors.)
Warren, W. Goulding, et al. (See Johnson, Alvin L., assignor.)
Warren Webster & Company. (See Rohlin, Karl W., assignor.)
Warren, William C., Philadelphia, Pa., assignor to S. L. Allen & Co., Inc. Seed drill. 1,474,184; Nov. 13.
Warth, Frederick E., assignor or one-half to M. Deutsch, Savannah, Ga. Automatic stopping and starting attachment for phonographs. 1,446,602; Feb. 27.
Warth, Nathaniel G. (See Longshore, Herman A., assignor.)
Warth, Nathaniel G., Gallipolis, Ohio. Pneumatic tire. 1,467,665; Sept. 11.
Warthen, Henry J., and L. Budwell, Richmond, Va. Combined water column and water glass. 1,444,016; Feb. 6.
Warrick, Charles F., Detroit, Mich. Headlight lens. 1,457,565; June 5.
Waschek, Frank, Hamtramck, Mich. Parachute. 1,444,017; Feb. 6.
Waser, Carl R., assignor to Precision Thermometer & Instrument Company, Philadelphia, Pa. Method and apparatus for coordinating the pressure columns of liquid-pressure gauges. 1,464,254; Aug. 7.
Washburn, Bert E., Peoria, Ill. Window lock. 1,468,058; Sept. 18.
Washburn, Chester A., Springfield, Mass. Leg rest. 1,478,777; Dec. 25.
Washburn Company, The. (See Andrews, Charles, jr., assignor.)
Washburn Company, The. (See Douglas, Hammond B., assignor.)
Washburn Company, The. (See O'Rourke, Thomas J., assignor.)
Washburn-Crosby Company. (See Harding, Henry O., assignor.)
Washburn, Edwin C., Englewood, N. J. Brake beam. 1,443,808; Jan. 30.
Washburn, Edwin C., Englewood, N. J. Truck bolster. 1,454,357; May 8.
Washburn, Edwin C., Englewood, N. J. Friction draft gear. 1,462,892; July 24.
Washburn, Elijah E., Casper, Wyo. Saw-setting device. No. 1,456,164; May 22.
Washburn, Frederick C., New Bedford, Mass. Pin board. 1,469,550; Oct. 2.
Washburn, George P., Los Angeles, Calif. Gas and air mixer. 1,448,320; Mar. 13.
Washburn, Harvey B. (See Bird, C. K., and Washburn.)
Washburn, Herbert I., Magnolia, N. J. Agricultural tractor. 1,454,093; May 8.
Washburn, Howard L. (See Stowell, B. F., and Washburn.)
Washburn, Lillian E., Blue Stores, N. Y. Lacing device. 1,466,078; Aug. 28.
Washburn, Walter A. (See Cushman, Horace M. and C. M., Washburn, and Kimball.)
Washburne, Alva C., et al. (See Hammond, Grant, assignor.)
Washburne, James V., Fulton, N. Y. Fastening device. 1,466,347; Aug. 28.
Washington, George. (See Reed, J., and Washington.)
Washington Manufacturing Company. (See Knott, H. H., Jungbluth, and Hammer, assignors.)
Washington Mfg. Co. (See Knott, H. H., Jungbluth, and Hammer, assignors.)

Washington Rubber Co. (See Schroeder, Simon E., assignor.)
Washington Steel Form Company. (See Wells, Hewitt L., assignor.)
Wasilieff, Ivan A., Bridgeport, Conn. Clothesline bracket. 1,457,720; June 5.
Waskins, Louis R. E., Edgewater, Colo. Automobile door lock. 1,475,526; Nov. 27.
Wasleff, Alex. (See Kigas, John, assignor.)
Wasmuth-Endicott Company. (See Hughes, Earl V., assignor.)
Wason, Robert M., assignor to American Optical Company, Southbridge, Mass. Lens-mounting machine. 1,473,367; Nov. 6.
Wassel, Albert, San Francisco, Calif. Windshield wing. 1,468,182; Sept. 18.
Wasser, Charles, and R. W. Wirshing, assignors to The Miami Manufacturing Company, Dayton, Ohio. Soap cutter. 1,447,608; Mar. 6.
Wasserfallen, Charles F., assignor to Detroit Tire Carrier Co., Detroit, Mich. Spare-wheel bracket. 1,441,189; Jan. 2.
Wasserman, Jacob, Brooklyn, N. Y. Motor vehicle clutch control. 1,475,909; Nov. 27.
Wasseth, Michael, New Haven, Conn. Combination tool. 1,465,009; Aug. 14.
Wassilieff, Alexander, assignor to M. Von Herrlich, New York, N. Y. Camera. 1,466,774; Sept. 4.
Wastian, Hedwig. (See Ducatt, Dennis C., assignor.)
Watch Protector Corporation. (See Geto, Max M., assignor.)
Waterbor, Elmer F., assignor to Michigan Malleable Iron Company, Detroit, Mich. Vehicle wheel. 1,453,371; May 1.
Waterbury Battery Co., The. (See Becker, Edmund H., assignor.)
Waterbury Battery Co., The. (See Martus, M. L., Ross, and Becker, assignors.)
Waterbury Brass Goods Corporation, The. (See Babcock, Wilbert L., assignor.)
Waterbury Buckle Co. (See Maltby, Julius, assignor.)
Waterbury Buckle Co. (See Moore, Roswell A., assignor.)
Waterbury Clock Co. (See Wehinger, Frederick, assignor.)
Waterbury Farrel Foundry and Machine Company, The. (See Burton, Jesse B., assignor.)
Waterbury Farrel Foundry and Machine Company, The. (See Candee, Z. P., and Olcott, assignors.)
Waterbury Farrel Foundry and Machine Company, The. (See Petitjean, Clifford O., assignor.)
Waterbury Farrel Foundry and Machine Company. (See Pierson, William D., assignor.)
Waterbury Farrel Foundry and Machine Company. (See Wilcox, Richard L., assignor.)
Waterbury Farrel Foundry and Machine Company, The. (See Wilcox, R. L., and Petitjean, assignors.)
Waterhouse, David. (See Prince-Smith, P., and Waterhouse.)
Waterman, Clarence F. and T. C., Indianapolis, Ind. Clutch mechanism. 1,445,462; Feb. 13.
Waterman, Ellen, administratrix. (See Waterman, Fay L.)
Waterman, Fay L., deceased, Endicott, N. Y.; E. Waterman, administratrix. Screen. 1,469,490; Oct. 2.
Waterman, Harry S., San Francisco, Calif. Piston ring. 1,446,076; Feb. 20.
Waterman, Howard L. (See Waterman, L. E., Traphagen, and Waterman.)
Waterman, Lewis E., assignor to Emerson-Brantingham Company, Rockford, Ill. Potato digger. 1,477,676; Dec. 18.
Waterman, Lewis E., H. R. Traphagen, and H. L. Waterman, assignors to Emerson-Brantingham Company, Rockford, Ill. Tractor. 1,451,796; Apr. 17.
Waterman, Theodore C. (See Waterman, Clarence F. and T. C.)
Waterman, William A., Exeter, Calif. Distributing-gate machine. 1,453,647; May 1.
Watermann, Henry L., Elwood, Mo. Swinging farm gate. 1,443,446; Jan. 30.
Waterous Fire Engine Co. (See Storey, Leonidas P., assignor.)
Waterproofing, Incorporated. (See Endrea, Edward S. A., assignor.)
Waters, Abraham L., and S. Plawker, Walla Walla, Wash. Turret attachment for edge and shank trimmers. 1,440,513; Jan. 2.
Waters, Bernard, Winnipeg, Manitoba, Canada. Picture or advertising exhibitor. 1,455,461; May 15.
Waters, Charles B., Montclair, N. J. Electric welding apparatus. 1,464,145; Aug. 7.
Waters, Charles P., et al. (See Welton, William A., assignor.)
Waters, Edward T., Omaha, Nebr. Automatic sheet separating and feeding mechanism. 1,478,464; Dec. 25.
Waters, Harry F., assignor to K. C. Schuyler, trustee, Denver, Colo. Means for curing tires. 1,466,318; Aug. 28.
Waters, John W., Montgomery, W. Va. Car brake. 1,446,676; Feb. 27.
Waters, R. S., et al. (See Miller, Harry A., assignor.)
Waters, Reginald H., Cumberland, Md., assignor to Kelly-Springfield Tire Company, New York, N. Y. Tread for a vehicle tire. Des. 63,382; Nov. 27.
Waters, Reginald H., Cumberland, Md., assignor to Kelly-Springfield Tire Company, New York, N. Y. Tread for a vehicle tire. Des. 63,383; Nov. 27.
Waters, Samuel B., Johnstown, Pa. Combustion device. 1,456,748; May 29.
Watertown Bag Machine Co., The. (See Coty, Alfred C., assignor.)
Watertown Pressed Steel Company. (See Vestine, Andrew O., assignor.)
Waterworth, Albert. (See Framjee, George F., assignor.)
Watford Engineering Works, Limited, The. (See Paramor, John, assignor.)
Watkeys, Thomas L., Port Arthur, Tex., assignor to Gulf Refining Company, Pittsburgh, Pa. Cooling still. 1,476,744; Dec. 11.
Watkins, Albert B., Alhambra, Calif. Combined fishing and swaging tool. 1,455,314; May 15.
Watkins Appliance Company. (See Watkins, William F., assignor.)
Watkins, Frederick B., Los Angeles, Calif. Signaling device. 1,470,406; Oct. 9.
Watkins, James A., assignor to American Blower Company, Detroit, Mich. Centrifugal fan. 1,447,915; Mar. 6.
Watkins, James A., assignor to American Blower Company, Detroit, Mich. Centrifugal fan. 1,447,916; Mar. 6.
Watkins, Joseph B., assignor of one-half to R. D. Rosier, Willow Springs, Mo. Oil burner. 1,450,530; Apr. 3.
Watkins, William F., assignor to Watkins Appliance Company, Inc., Seattle, Wash. Window-sash-holding device. 1,454,989; May 15.
Watkinson, Arthur, London, England. Window or the like. 1,468,983; Sept. 25.
Watrous, Agnes B., executrix. (See Watrous, Edward L.)
Watrous, Charles A., Des Moines, Iowa. Liquid-fuel burner for heaters. 1,477,793; Dec. 18.
Watrous, Earl G., Chicago, Ill. Waste or outlet valve. 1,467,965; Sept. 11.
Watrous, Earl G., Chicago, Ill. Closet. 1,472,259; Oct. 30.
Watrous, Earl G., Chicago, Ill. Lavatory waste. 1,474,986; Nov. 20.
Watrous, Edward L., deceased, El Paso, Tex., by A. B. Watrous, executrix, Evanston, Ill. Apparatus for metal-coating wire, chain, woven-wire fencing, and the like. 1,462,589; July 24.
Watry, Mathias, Milwaukee, Wis. Combined handle and cover for cans. 1,442,017; Jan. 9.
Watson, Arthur R. (See McLaughlin, Patrick, assignor.)
Watson, Charles, New York, N. Y. Rope coupling. 1,466,495; Aug. 28.
Watson, Charles B. (See Meyer, H. J., and Watson.)
Watson, Charles N., assignor of one-half to W. H. Clark, St. Joseph, Mo. Underwear. 1,475,097; Nov. 20.
Watson, Charles P., New York, N. Y. Method and moving-picture film for analyzing motion. 1,470,407; Oct. 9.
Watson, Chester R., Columbus, Ohio. Internal-combustion engine. 1,445,653; Feb. 20.
Watson, Cornelius B., Columbus, Ohio. Petroleum-refining apparatus. 1,474,395; Nov. 20.
Watson, David M., McKinley, Pa. Lid support. 1,477,613; Dec. 18.
Watson, Edmond P., sr., Bentonville, Ark. Egg case. 1,450,124; Mar. 27.
Watson, Ernest J. (See Howard, W., and Watson.)
Watson, Frank, Lynn, Mass. Mechanical dancing figure. 1,475,666; Nov. 27.
Watson, George W., London, England. Apparatus for measuring products of two variable quantities. 1,459,644; June 19.
Watson, Grover C., Sabinal, Tex. Combination of buffer and bed. 1,449,711; Mar. 27.
Watson, Guy E. (See Bohannon, Charles R., assignor.)
Watson, Harold L., Lancaster, Pa. Brooder. 1,447,330; Mar. 6.
Watson, Harry C., Canton, Ohio. Apparatus for shaking out castings. 1,460,085; June 26.
Watson, Henry, Newport, Wales. Device adapted for sharpening the blades of safety razors. 1,443,401; Jan. 30.
Watson, Isaac J., et al. (See Sawicki, John, assignor.)
Watson, James H., assignor of one-half to F. Chatterton, Riverton, Wyo. Variable-speed transmission gear. 1,462,528; July 24.
Watson, John, Northport, N. Y. Clamp. 1,441,464; Jan. 9.
Watson, John A., assignor of one-half to J. H. Sheick, Cincinnati, Ohio. Chimney. 1,469,030; Sept. 25.
Watson, John D., Appleton, Wis. Shuttle-throwing device. 1,472,260; Oct. 30.
Watson, John E., Philadelphia, Pa. Attachment device for electric fixtures. 1,453,860; May 1.
Watson, John W., Wayne, Pa. Glove. 1,450,155; Mar. 27.
Watson Manufacturing Company. (See Reese, Frank, assignor.)
Watson, Oscar H., Brentwood, N. Y. Grease gun and carton. 1,475,417; Nov. 27.
Watson, Robert, Silver Spring, Md. Means for preventing needless idling of internal-combustion motors. 1,442,311; Jan. 16.

Alphabetical list of patentees—Continued.

Watson, Robert, Silver Spring, Md. Means for controlling the ignition circuits of automobile engines. 1,442,312; Jan. 16.
Watson, Robert, Silver Spring, Md. Means for controlling the ignition circuits of automobile engines. 1,442,313; Jan. 16.
Watson, Rolla B. (See Denny, J. J., and Watson.)
Watson, Rufus M., Norfolk, Va. Priming attachment for internal-combustion engines. 1,474,219; Nov. 13.
Watson, Shelly L., assignor of one-half to J. L. Binkley, Springfield, Tenn. Screw driver. 1,441,956; Jan. 9.
Watson, Theodore W., Phoenix, Ariz. Garbage-receptacle stand. 1,477,404; Dec. 11.
Watson, Thomas, Ray, Minn. Endless-track lug. 1,474,456; Nov. 20.
Watson, Thomas R., Monterey, Calif. Gas saver and coaster brake. 1,474,570; Nov. 20.
Watson, Thomas S., Milwaukee, Wis. Running gear. 1,441,190; Jan. 2.
Watson, Timothy J. (See Porter, James V., assignor.)
Watson, Wesley W., Fairfax, Mo. Sectional-pressure-tank and pipe-line coupling. 1,447,192; Mar. 6.
Watson, William, New York, N. Y. Luggage carrier for automobiles. 1,444,817; Feb. 13.
Watson, William F., assignor to Union Cutlery Company, Inc., Olean, N. Y. Lock and guard for knives. 1,476,123; Dec. 4.
Watson, William P., Phillipsburg, N. J. Spindle protector. 1,448,647; Mar. 13.
Watson, William V., assignor of one-half to San Diego Consolidated Gas and Electric Company, San Diego, Calif. Plastic composition and making the same. 1,472,951; Nov. 6.
Watson, William W., Jamestown, N. Y. Sheet-metal window screen for railway cars. 1,473,982; Nov. 13.
Watt, George E. (See Dawson, A. T., Watt, and Perham.)
Watt, James A., Brooklyn, N. Y. Water-closet valve. 1,447,193; Mar. 6.
Watt, James A. D., London, England, assignor to Super Razors Incorporated, New York, N. Y. Safety razor. 1,461,168; July 10.
Watt, Robert S., Brooklyn, N. Y. Alarm clock. 1,457,919; June 5.
Watt, William H., jr., West Newton, Pa. Chain holder. 1,456,412; May 22.
Wattel, Achille L. F., Sevres, France. Brake mechanism for automobiles. 1,452,402; Apr. 17.
Wattellier, René C., Samois-sur-Seine, France. Fuel economizer for explosion engines. 1,469,861; Oct. 9.
Wattells, Frank, Chicago, Ill. Counter guard for banks. 1,466,217; Aug. 28.
Watters, Daniel M., assignor to Killefer Manufacturing Company, Los Angeles, Calif. Power lift for ground-working implements. 1,452,716; Apr. 24.
Watters, John O. (See Feller, A. J., and Watters.)
Watters Laboratories, Consolidated, et al. (See Graupe, William, assignor.)
Wattie, William M., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Vibrator lever for looms. 1,451,797; Apr. 17.
Watton, Harold E., Birmingham, England, assignor to Dunford & Elliott (Sheffield) Limited, Attercliffe, Sheffield, England. Internal-combustion engine. 1,452,011; Apr. 17.
Watts, Edward J., assignor to The Foxboro Company, Foxboro, Mass. Pen for recording instruments. 1,447,582; Mar. 6.
Watts, George W., Hot Springs, Ark. Spring wheel. 1,461,408; July 10.
Watts, Henry T., Youngstown, Ohio. Gas burner. 1,460,086; June 26.
Watts, John B., Concordia, Kans. Road construction. 1,473,134; Nov. 6.
Watts, John T., Los Angeles, Calif. Pair of suspenders. 1,442,374; Jan. 16.
Watts, Robert L. (See Walsh, F. J., and Watts.)
Watts, Rufley E., assignor of one-half to Geo. H. Hubbell, Trenton, Mo. Floor jack. 1,470,515; Oct. 9.
Watts, Verner, and C. Vogel, Massillon, Ohio. Grapefruit bowl. 1,467,888; Sept. 11.
Watzman, Harry, Washington, D. C. Means for replenishing storage batteries with water. 1,467,966; Sept. 11.
Waugh, Edward H., assignor to Smith Cannery Machines Co., Seattle, Wash. Fish slitting and cleaning machine. 1,459,273; June 19.
Waukesha Motor Co. (See Le Van Horning, Harry, assignor.)
Waukesha Motor Company. (See Ricardo, Harry R., assignor.)
Wauthier, Oscar, Brussels, Belgium. Centrifugal crushing or grinding machine. 1,444,990; Feb. 13.
Wauthier, Oscar, Brussels, Belgium. Crushing and grinding mill. 1,444,991; Feb. 13.
Wauthier, Oscar, Brussels, Belgium. Crushing, breaking, or grinding machine for the pulverization of minerals. 1,449,567; Mar. 27.
Way, Edward J., assignor to Bioscope Improvements Limited, Johannesburg, Transvaal, South Africa. Reel for cinematograph film and the like. 1,462,401; July 17.
Way, John H., Philadelphia, Pa. Riveting apparatus. 1,469,864; Oct. 9.
Way, Roy W. (See Cunningham, I., and Way.)
Way, William H., Ankeny, Iowa. Hen's nest. 1,453,558; May 1.
Wayne, Herbert N., Los Angeles, Calif. Embedding cords in rubber. 1,464,632; Aug. 14.
Wayne, Jacob L., 3d, Woodruff Place Town, Ind. Lubricator. Re15,526; Jan. 9.
Wayne Oil Tank and Pump Company. (See Baker, Linnaeus E., assignor.)
Wayne Oil Tank and Pump Company. (See Geyer, Benjamin F., assignor.)
Wayne Oil Tank and Pump Company. (See Wood, Carver, assignor.)
Wayne Tank & Pump Company. (See Baker, Linnaeus E., assignor.)
Wayne Tool Manufacturing Company. (See Bellringer, Sidney M., assignor.)
Wayrynen, Eino H., East Lake, Minn. Gate lock. 1,461,591; July 10.
Weagant, Roy A., Douglas Manor, N. Y., assignor, by mesne assignments, to Radio Corporation of America. Method and apparatus for radiosignaling. 1,468,059; Sept. 18.
Weagant, Roy A., Roselle, N. J., assignor, by mesne assignments, to Radio Corporation of America. Process and apparatus for receiving radiosignals. 1,468,060; Sept. 18.
Weagant, Roy A., Douglas Manor, N. Y., assignor, by mesne assignments, to Radio Corporation of America. Method and apparatus for radiosignaling. 1,468,061; Sept. 18.
Weagant, Roy A., Douglas Manor, N. Y., assignor, by mesne assignments, to Radio Corporation of America. Radiosignaling apparatus. 1,468,062; Sept. 18.
Weager, George, and R. White, Malvern Link, England. Golf club. 1,458,564; June 12.
Wear, Frank F., Los Angeles, Calif. Market-bag holder. 1,468,848; Sept. 25.
Weare, Neal L., Milwaukee, Wis. Safety pin. 1,477,199; Dec. 11.
Wearite Children's Underwear Manufacturing Corporation. (See Bastiansen, Otto, assignor.)
Weaser, William H., Pittsfield, Mass. Merry-go-round. 1,447,110; Feb. 27.
Weaser, William H., Pittsfield, Mass. Merry-go-round. 1,463,351; July 31.
Weatherby, Calvin S., South Westville, N. J. Shipping box for carboys. 1,462,672; July 24.
Weatherby, Calvin S., Westville, N. J. Shipping box for carboys. 1,476,559; Dec. 4.
Weatherby, George W., et al. (See Myers, Wilson R., assignor.)
Weatherby, Horace F., Seattle, Wash. Lumber-pile vehicle. 1,473,894; Nov. 13.
Weatherhead, Albert J., jr. (See Smith, O. A., and Weatherhead, jr.)
Weatherlow, J. H., and F. W. Seymour, Flushing, N. Y. Graduated plug and socket. 1,468,183; Sept. 18.
Weathersby, Hardaman B., and J. F. Bozeman, West Columbia, Tex. Drill-rod tool. 1,466,319; Aug. 28.
Weatherwax, James L., Wilkinsburg, Pa., assignor to Westinghouse Lamp Company. Thermocell. 1,451,283; Apr. 10.
Weatherwax, Wayne L., Oshkosh, Wis. Toothbrush. 1,473,000; Nov. 6.
Weaver, A. T., et al. (See Harter, Noah S., assignor.)
Weaver, Alice H. (See Weaver, Charles W., and A. H.)
Weaver, Amandus, Philadelphia, Pa. Fruit picker. 1,463,859; Aug. 7.
Weaver, Charles W. and A. H., Denver, Colo.; said Charles W. Weaver assignor to said A. H. Weaver. Attachment for slop jars and the like. 1,456,017; May 22.
Weaver, Clayton B., deceased; P. Weaver, executrix, Philadelphia, Pa. Rivet. 1,469,977; Oct. 9.
Weaver Company. (See Low, Frank S., assignor.)
Weaver, Edgar J., Columbus, Ohio. Locking device for switch boxes. 1,478,930; Dec. 25.
Weaver, Elverton W., Cleveland, Ohio. Brake-operating mechanism. 1,440,514; Jan. 2.
Weaver, Elverton W., Cleveland Heights, Ohio. Wheel structure. 1,468,093; Sept. 18.
Weaver, Floyd C., Washington, D. C. Grinding and lapping machine. 1,451,089; Apr. 10.
Weaver, Floyd C., Washington, D. C. Grinding machine. 1,471,430; Oct. 23.
Weaver, Floyd C., Washington, D. C. Grinding machine. 1,471,431; Oct. 23.
Weaver, Floyd C., Washington, D. C. Machine for making true plane surfaces. 1,476,863; Dec. 11.
Weaver, Frank R. (See Marshall, C. J., and Weaver.)
Weaver, Harry A., assignor to The Oaks Company, Indianapolis, Ind. Tire carrier. 1,441,050; Jan. 2.
Weaver, Harry W., Allentown, Pa. Air-feeding attachment for furnaces. 1,465,502; Aug. 21.
Weaver, Ira A., Springfield, Ill. Precision instrument for airplanes, etc. 1,460,627; July 3.
Weaver, Ira A., assignor to The Weaver Manufacturing Company, Springfield, Ill. Spark plug. 1,442,916; Jan. 23.
Weaver, Ira A., assignor to Weaver Manufacturing Company, Springfield, Ill. Antiskid-wheel-chain construction. 1,472,448; Oct. 30.
Weaver, John R., Baltimore, Md. Rope guide. 1,453,576; May 1.

Weaver, John W., Toledo, Ohio. Amusement device. 1,468,984; Sept. 25.
Weaver, Joseph W., Lebanon, Pa. Rubber ball. 1,466,609; Aug. 28.
Weaver, Lucius E., assignor to Summit Thread Company, East Hampton, Conn. Sewing-machine shuttle. 1,440,569; Jan. 2.
Weaver Manufacturing Company. (See Davies, David A., assignor.)
Weaver Manufacturing Company. (See Duby, John F., assignor.)
Weaver Manufacturing Company, The. (See Weaver, Ira A., assignor.)
Weaver, Phebe, executrix. (See Weaver, Clayton B.)
Weaver, Ralph J. (See Tham, H. A., and Weaver.)
Weaver, Robert R., assignor to General American Tank Car Corporation, Chicago, Ill. Under-frame for cars. 1,456,203; May 22.
Weaver, William I., Camden, N. J. Padding for the covering of flatwork ironers. 1,471,224; Oct. 16.
Webb, Archie R., Pensacola, Fla. Food and water trough for poultry. 1,473,266; Nov. 6.
Webb, Aubrey B., Cunningham, assignor of one-half to R. O. Willingham, jr., Bardwell, and J. W. Webb, Cunningham, Ky. Foldable egg crate. 1,470,898; Oct. 16.
Webb, Benjamin F. (See Karl, A. J., and Webb.)
Webb, Benjamin F., Sistersville, W. Va., assignor of nine-twentieth to A. J. Karl, one-eighth to F. Appel, Sistersville, W. Va., and one-tenth to P. Engle and W. H. Carter, Middlebourne, W. Va. Power-transmitting mechanism. 1,452,770; Apr. 24.
Webb, Benjamin F., assignor to Webb Multispeed Winch Manufacturing Company, Sistersville, W. Va. Winch. 1,453,559; May 1.
Webb, Edward, Reading, assignor of one-half to Julian d'Este Company, Charlestown, Mass. Pressure-reducing valve. 1,457,049; May 29.
Webb, Edwin W. (See Barber, L. W., and Webb.)
Webb, Ellen R., Denver, Colo. Toy. Des. 62,176; Apr. 3.
Webb, Frank I., and C. S. Harrison, McKeesport, Pa. Wave motor. 1,454,801; May 8.
Webb, George W., Kent, assignor of one-half to S. C. Smith, Luton, Bedfordshire, England. Reduction gear. 1,444,717; Feb. 6.
Webb, Hartwell W., Cresskill, N. J. Recording sound. 1,458,603; June 12.
Webb, Henry F. (See Johnson, O. H., and Webb.)
Webb, Horace D., Rochester, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Pulling-over machine. 1,477,859; Dec. 18.
Webb, Irving F., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Shaft hanger. 1,461,236; July 10.
Webb, Jean F., jr., New York, N. Y., assignor to The International Signal Co. Plunger shoe. 1,463,105; July 24.
Webb, John W., et al. (See Webb, Aubrey B., assignor.)
Webb, John W., Chicago, Ill. Device for testing fiber board. 1,452,944; Apr. 24.
Webb, John W., Chicago, Ill. Signaling device. 1,464,894; Aug. 14.
Webb, John W., assignor to The Container Club, Chicago, Ill. Paper-testing machine. 1,451,932; Apr. 17.
Webb, Maurice L., Blackwell, Okla. Automatic heat control. 1,450,125; Mar. 27.
Webb-Multispeed Winch Manufacturing Company. (See Karl, A. J., and Webb, assignors.)
Webb Multispeed Winch Manufacturing Company. (See Webb, Benjamin F., assignor.)
Webb, Quintus L., and W. R. Polson, Bruneau, Idaho. Ice crusher. 1,478,931; Dec. 25.
Webb, Robert L., Baltimore, Md. Paper and letter receiver. 1,467,078; Sept. 4.
Webb, Thomas H., St. John's, Wakefield, England. Belt utilized for the transmission of power. 1,443,061; Jan. 23.
Webb, William R., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether composition. 1,444,406; Feb. 6.
Webb, William R., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether composition. 1,460,690; July 3.
Webb, William R., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether solvent and composition. 1,469,862; Oct. 9.
Webb, William R., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-ether solvent and composition. 1,469,863; Oct. 9.
Webb, Zaida B., New Haven, Conn. Card cut-out. 1,473,800; Nov. 13.
Webber, Arthur H., Boston, Mass. Carburetor. 1,452,451; Apr. 17.
Webber, Charles R. (See Bradley, R. E., and Webber.)
Webber, Edwin M. (See Falzer, L., and Webber.)
Webber, Elwin C., Salt Lake City, Utah. Egg-case filler. 1,444,992; Feb. 13.
Webber, Lyle K. (See Hey, E. A., Le Pere., and Webber.)
Webber, William. (See Benjamin, B. R., Webber, and Pearson.)
Webber, William, La Grange, assignor to International Harvester Company, Chicago, Ill. Driving mechanism. 1,464,736; Aug. 14.
Webber, William, Brooklyn, N. Y. Cloth-marking device. 1,468,184; Sept. 18.
Webel, Carl W., Oakland, Kans. Light reflector. Des. 62,926; Aug. 21.
Weber, Albert. (See Erdbrügger, Gustav, assignor.)
Weber, Alexander, Los Angeles, Calif. Crank-pin-turning tool. 1,448,321; Mar. 13.
Weber, Arthur, assignor to Ackerman-Quigley Printing Company, Chicago, Ill. Folding box. 1,442,837; Jan. 23.
Weber, Arthur J., and C. Butterfield, Middletown, Ohio. Recording punch. 1,442,201; Jan. 16.
Weber, Arthur O., Euclid Heights, Ohio. Combined reserve-fuel control and lock for automobiles. 1,478,807; Dec. 25.
Weber, Bernard F., Chicago, Ill. Method of and means for making bricks. 1,454,826; May 8.
Weber, Carl, assignor to Weber Engineering Corporation, New York, N. Y. Machine for injecting plastic materials. 1,478,865; Dec. 25.
Weber, Charles. (See Weber, Kenneth L., assignor.)
Weber, Charles A., assignor to The Thew Shovel Company, Lorain, Ohio. Means for mounting apparatus on a hoisting boom. 1,458,739; June 12.
Weber, Charles H., Columbus, Ohio. Tool for applying putty. 1,444,227; Feb. 6.
Weber, Charles H., Columbus, Ohio. Steering mechanism for portable trucks. 1,446,140; Feb. 20.
Weber, Christopher J. M., and A. Olson, St. Paul, Minn. Mail-pouch catching and delivering device. 1,475,418; Nov. 27.
Weber, Clifford A. M., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Commutator repulsion induction motor. 1,454,872; May 15.
Weber Costello Company. (See Busch, Edward H., assignor.)
Weber, David, et al. (See Elfelt, Clifford S., assignor.)
Weber, Edmund, Chicago, Ill. Tool for handling incandescent bulbs. 1,449,358; Mar. 20.
Weber, Edwin P., Chicago, Ill. Tire tread. Des. 62,682; July 17.
Weber, Ella M., et al. (See Todd, Charles H., assignor.)
Weber Engineering Corporation. (See Weber, Carl, assignor.)
Weber, Ernest W. (See Krausch, W. T., and Weber.)
Weber, Frank P. (See McClure, E. M., and McMurphy, assignors.)
Weber, Georg, Egelsbach, assignor to the Firm C. & W. Bohnert, Frankfort-on-the-Main, Germany. Electric table lamp with brake-controlled supporting arms for incandescent lamps. 1,474,304; Nov. 13.
Weber, Guillaume, Hayange, France, assignor to Societe les Petits Fils de Francois de Wendel et Cie., Paris, France. Blasting cartridge. 1,441,957; Jan. 9.
Weber, Guillaume, Hayange, Lorraine, assignor to Societe les Petits Fils de Francois de Wendel et Cie., Paris, France. Liquid-air blast cartridge. 1,450,621; Apr. 3.
Weber, Henry, Chicago, Ill. Adjustable reel. 1,451,131; Apr. 10.
Weber, Henry C. P., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Still. 1,451,603; Apr. 10.
Weber, Henry C. P., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Fractionating column. 1,454,874; May 15.
Weber, Henry C. P., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Handling gases and product containing dissolved gas. 1,454,873; May 15.
Weber, Henry E., Canton, Ohio. Dental tray. 1,461,765; July 17.
Weber, Henry L., Louisville, Ky. Dispensing apparatus. 1,461,992; July 17.
Weber, Jacob H., New York, N. Y. Amplifying device. 1,477,614; Dec. 18.
Weber, Johann M., Frankfort-on-the-Main, assignor to E. G. Bek, Pforzheim, Germany. Making articles having connected links. 1,478,720; Dec. 25.
Weber, Johann M., Frankfort-on-the-Main, assignor to E. G. Bek, Pforzheim, Germany. Ring mesh and chain machine. 1,478,808; Dec. 25.
Weber, Johann M., and K. Betz, Frankfort-on-the-Main, assignors to E. G. Bek, Pforzheim, Germany. Manufacture of chains and chain meshwork. 1,478,809; Dec. 25.
Weber, Joseph, Lone Rock, Wis. Flytrap. 1,475,357; Nov. 27.
Weber, Joseph F., Seattle, Wash. Roofing shingle. 1,443,774; Jan. 30.
Weber, Joseph F., Lansing, Mich. Sod-cutting plow. 1,463,106; July 24.
Weber, Kenneth L., Augusta, Ga., assignor of one-third to C. Weber, Cincinnati, Ohio. Making flexible, nonbreakable, transparent, and waterproof windowpanes. 1,442,917; Jan. 23.
Weber, Leona M., now by degree of divorce L. M. Case, Portland, Oreg. Child's vehicle. 1,450,397; Apr. 3.
Weber, Louis. (See London, S., and Weber.)
Weber, Louis J., Scotia, N. Y., and E. C. Gooch, Estes Park, Colo., assignors to General Electric Company. Automatic motor starter. 1,477,405; Dec. 11.

Weber, Mathias J., assignor to Continental Scale Works, Chicago, Ill. Automatic scale. 1,460,087; June 26.
Weber, Max G., Newark, N. J., assignor to Charles Hardy and Ruperti, Inc., New York, N. Y. Pneumatic composition. 1,443,602; Jan. 30.
Weber, Oskar H. (See Beck, A., Gersbach, and Weber.)
Weber, Robert, Dresden, Germany. Shutting or fastening contrivance. 1,451,518; Apr. 10.
Weber, Rudolph H., New York, N. Y. Jacquard mechanism for weaving machines or the like. 1,452,771; Apr. 24.
Weber, Walter S., and M. L. Yergey, assignors to Wm. H. Luden, Inc., Reading, Pa. Counting and packaging machine. 1,476,274; Dec. 4.
Weber, Wilhelm, assignor to the Firm Gewerkschaft Hausbach II, Wiesbaden, Germany. Depositing method for the masses of sand and gravel obtained in brown-coal open workings. 1,452,994; Apr. 24.
Webster, Arvin C. (See Gardham, George A., assignor.)
Webster, Bester R., assignor to C. A. Macomic, Chicago, Ill. Typesetting machine. 1,452,942; Apr. 24.
Webster, Charles E., Winthrop, Minn. Railway-freight-car door. 1,462,402; July 17.
Webster Electric Company. (See Hawkins, William W., assignor.)
Webster, Howard J., Philadelphia, Pa. Furnace grate bar. 1,464,190; Aug. 7.
Webster, Hyleman A., Columbia, Tenn. Continuous process of making superphosphate. 1,459,124; June 19.
Webster, Hyleman A., Columbia, Tenn. Making superphosphates. 1,461,077; July 10.
Webster, James C., Topeka, Kans. Hotel key check. 1,450,878; Apr. 3.
Webster, James F., Colfax, Ind. Flytrap. 1,456,413; May 22.
Webster, Lewis E., assignor to The Wyoming Shovel Works, Wyoming, Pa. Reenforcement for shovel handles. 1,473,267; Nov. 6.
Webster, Lewis E., assignor to The Wyoming Shovel Works, Wyoming, Pa. Shovel handle. 1,476,783; Dec. 11.
Webster, Melvin L., assignor to M. P. Webster, Independence, Iowa. Contractible display and shipping case. 1,460,185; June 26.
Webster Mfg. Co. (See Jacobsen, Richard S., assignor.)
Webster Mfg. Company. (See Perkins, Augustus T., assignor.)
Webster, Minerva P. (See Webster, Melvin L., assignor.)
Webster, Norman, Moortown, Leeds, assignor to Philipson and Company Limited, Bolton, Lancaster, England. Variable gear. 1,478,075; Dec. 18.
Webster, Paul W. (See Perry, R. S., and Webster.)
Webster, Paul W. (See Perry, R. S., Webster, and Boynton.)
Webster, Paul W., Pelham Manor, N. Y., assignor to Perry & Webster Incorporated, Elizabeth, N. J. Oxidizable oil. 1,447,954; Mar. 6.
Webster, Paul W., Pelham Manor, N. Y., assignor to Perry & Webster Incorporated, New York, N. Y. Process of and apparatus for drying and treating materials. 1,472,314; Oct. 30.
Webster, Ralph C., Haverhill, Mass. Cushioned toe reenforce for lasts. 1,461,469; July 10.
Webster, Sumner E., Chicago, Ill. Drawing board. 1,442,710; Jan. 16.
Webster, Thomas F., Philadelphia, Pa. Pulley-block carrier. 1,456,346; May 22.
Webster, William S., Brighton, Mass. Rheostat. 1,475,667; Nov. 27.
Wechsler-Barber Silk Company. (See Wechsler, Daniel A., assignor.)
Weckbaugh, Joseph V., New York, N. Y. Accounting machine. 1,468,185; Sept. 18.
Weddle, Ethelbert S., Dinuba, Calif. Vine trellis. 1,440,946; Jan. 2.
Wedemeyer, William F., Sheboygan, Wis. Automobile signal. 1,457,200; May 29.
Wedmore, Edmund B., Golder's Green, England, assignor to General Electric Company. Protective device. 1,469,127; Sept. 25.
Wednbine, William A., E. Lustenader, and F. Lustenader, New York, N. Y. Oil burner. 1,443,063; Jan. 23.
Weeber, Otto, Berlin, Germany, assignor, by mesne assignments, to The Chemical Foundation, Inc. Electric resistance. 1,455,462; May 15.
Weed Differential-Rotary Motor Company. (See Weed, Howard L., assignor.)
Weed, Edward L., assignor to Potter & Buffinton Company, Providence, R. I. Badge. 1,458,091; June 5.
Weed, Howard L., assignor to Weed Differential-Rotary Motor Company, Detroit, Mich. Rotary internal-combustion engine. 1,476,784; Dec. 11.
Weed, James M., Schenectady, N. Y., assignor to General Electric Company. Method of and apparatus for heavy spot welding. 1,449,206; Mar. 20.
Weeks, Carl, Des Moines, Iowa. Talcum-powder box. Des. 62,683; July 17.
Weeks, Carl, Des Moines, Iowa. Perfume bottle. Des. 62,684; July 17.
Weeks, Carl, Des Moines, Iowa. Perfume bottle. Des. 62,858; Aug. 7.
Weeks, Carl, Des Moines, Iowa. Perfume bottle. Des. 63,209; Oct. 30.
Weeks, Edmund G. (See Michie, A. C., and Weeks.)
Weeks, Elling O., Milwaukee, Wis. Radiator attachment. 1,448,889; Mar. 20.
Weeks, Elling O., assignor of one-half to J. A. Stransky, Chicago, Ill. Radiator. Re15,676; Aug. 14.
Weeks, Hugh A., Whitakers, N. C. Piston for internal-combustion engines. 1,468,586; Sept. 18.
Weeks, John W., Secretary of War of the United States of America. (See Holmes, Bradford B., assignor.)
Weeks, John A., Secretary of War of the United States of America. (See McNary, James E., assignor.)
Weeks, John B., assignor to Long Furniture Company, Hanover, Pa. Phonograph cabinet. 1,452,132; Apr. 17.
Weeks, Leroy, Nevada, Iowa. System of kilns. 1,454,358; May 8.
Weeks, Paul T., Caldwell, N. J., assignor to Westinghouse Lamp Company. Ballast tube. 1,470,788; Oct. 16.
Wefing, Charles A., Edgewater, Colo. Oil seal and piston ring for internal-combustion engines. 1,444,407; Feb. 6.
"Wege" Motor Limited, The. (See Wegé, William J. F., assignor.)
Wegé, William J. F., St. Peters, assignor to The "Wege" Motor Limited, Adelaide, South Australia, Australia. Two-stroke internal-combustion engine. 1,465,885; Aug. 21.
Wegenaar, Louis A., Brooklyn, N. Y. Sifter top for containers. 1,471,298; Oct. 16.
Wegener, T. (See Turner, Claude A. P., assignor.)
Wegman, Jules G., Rochester, N. Y. Pin-forming and button-pinning machine. 1,463,565; July 31.
Wegner, Alfred E. (See Wegner, Julius and A. E.)
Wegner, Charles M. (See Merrill, C., and Wegner.)
Wegner, Fred, Fairport, N. Y., assignor, by mesne assignments, to United Last Company, Auburn, Me. Last for making footwear. 1,469,289; Oct. 2.
Wegner, Gustave A., Rochester, N. Y. Temperature-controlling means for ice-cream freezers. 1,473,065; Nov. 6.
Wegner, Julius, assignor, by mesne assignments, to Spadone Machine Company, Inc., New York, N. Y. Cutting machine. 1,472,895; Nov. 6.
Wegner, Julius and A. E., assignors to Spadone Machine Co., New York, N. Y. Cutting device. 1,472,261; Oct. 30.
Wegner, Lewis E., Hagerstown, Md. Tongs. 1,454,778; May 8.
Wegner, Lewis E., Hagerstown, Md. Wrench. 1,460,294; June 26.
Weguelin, George C. L., Chertsey, England. Bureau. 1,451,973; Apr. 17.
Wehinger, Frederick, assignor to Waterbury Clock Co., Waterbury, Conn. Pivotal guard for clock springs. 1,440,426; Jan. 2.
Wehinger, Frederick, assignor to Waterbury Clock Co., Waterbury, Conn. Chime clock. 1,466,008; Aug. 28.
Wehn, Charles E., assignor to Listo Pencil Corporation, Alameda, Calif. Shaping pyroxylin, celluloid, and like materials. 1,461,299; July 10.
Wehner, Georg M., Dresden, Germany. Disk spooling machine. 1,461,953; July 17.
Wehnes, Emil H., Akron, Ohio. Focusing device. 1,444,289; Feb. 6.
Wehr, Henry, Morris Park, and J. G. Pineau, Woodhaven, N. Y. Air-mixing device. 1,477,988; Dec. 18.
Wehrle Company, The. (See Pickup, George E., assignor.)
Wehrli, Bruno, Kilchberg, Switzerland. Photographic-printing device. 1,471,672; Oct. 23.
Wehrung, Joseph. (See Helmer, C. H., and Wehrung.)
Weibezahn, Carl T., St. Peter, Minn., assignor to Fort Dearborn Watch Clock Company, Chicago, Ill. Book-display stand. Des. 63,246; Nov. 6.
Weibull, Ernst H. W., assignor, by mesne assignments, to Nya Nordiska Kullager Aktiebolaget, Gottenborg, Sweden. Manufacturing ball or roller cages for antifriction thrust bearings. 1,465,700; Aug. 21.
Weibull, Ernst H. W., assignor, by mesne assignments, to Nya Nordiska Kullager Aktiebolaget, Gottenborg, Sweden. Chuck. 1,476,434; Dec. 4.
Weichman, Edward J., Youngstown, Ohio. Antiskid devices for tires. 1,445,810; Feb. 20.
Weichold, Charles, jr., Cincinnati, Ohio. Lock nut. 1,464,591; Aug. 14.
Weickman, Albert, Harrison, N. Y. Shovel. 1,455,688; May 15.
Weida, Harry, Highland Park, N. J., assignor to India Rubber Company. Making battery vents. 1,475,463; Nov. 27.
Weidaw, Harry A., Akron, Ohio. Tire-tubing machine. 1,466,009; Aug. 28.
Weide, Hans, Brooklyn, assignor to Lorenz & Weide, New York, N. Y. Holder or cabinet for carrying talking-machine records. 1,461,336; July 10.
Weidemann, Henry J. (See Quickenden, J., and Weidemann.)
Weidenbach, Herman A., Buffalo, N. Y. Rotary pump. 1,471,761; Oct. 23.
Weidenhamer, J. H., et al. (See Squires, Chester J., assignor.)
Weidhorn, Isidore A. (See Weiss, Morris, assignor.)

Weidig, Eugene C., New Orleans, La. Plant receptacle. 1,453,216; Apr. 24.
Weidinger, George, Mount Sterling, Ohio. Excavating and loading apparatus. 1,455,689; May 15.
Weidlich, Arthur, Vienna, Austria. Apparatus for grinding twist drills. 1,463,985; Aug. 7.
Weidlich Bros. Mfg. Co., The. (See Flauder, Alfred J., assignor.)
Weidlich, Kunz, assignor to the Firm Bing-Werke, vorm, Gebr. Bing A.-G., Nuremberg, Germany. Agitator. 1,454,199; May 8.
Weidner, Frank E., Maryville, Mo. Apparatus for controlling the water level in boilers. 1,473,714; Nov. 13.
Weierman, Herbert P., Philadelphia, Pa. Caster. 1,456,414; May 22.
Weiford, George W., jr., Philadelphia, Pa. Device for testing electric circuits. 1,471,432; Oct. 23.
Weig, Herman, Chicago, Ill. Eraser holder. 1,451,933; Apr. 17.
Weig, Herman, Chicago, Ill. Eraser holder. 1,451,934; Apr. 17.
Weigand, John J. M., assignor of one-half to M. J. Maloney, Bellevue, Ky. Carton for music-reels. 1,445,426; Feb. 13.
Weigel, Daniel M., London, England. Internal-combustion engine. 1,453,423; May 1.
Weigel, Daniel M., Chicago, Ill. Internal-combustion engine. 1,462,182; July 17.
Weigel, Daniel M., Chicago, Ill., assignor to The Wire Cord Company, Akron, Ohio. Pneumatic tire. 1,453,217; Apr. 24.
Weigel, John, Kansas City, Mo. Scraper. 1,448,890; Mar. 20.
Weigel, Philip A., Riverton, N. J. Flexible bumper means for automobiles. 1,472,345; Oct. 30.
Weigele, Edmund. (See Dinsfel, W. H., and Weigele.)
Weigele, William A. (See Miller, J. J. A., and Weigele.)
Weigert, Peter A., assignor to Western Maryland Railway Company, Baltimore, Md. Steam thawing apparatus. 1,443,329; Jan. 23.
Weightman, William A. (See Nitsch, C. H., and Weightman.)
Weightman, William A. (See Nitsch, C. H., Weightman, and Streeper.)
Weikert, Charles H. and H., Vesta, Minn. Haystacker. 1,450,271; Apr. 3.
Weikert, Henry. (See Weikert, Charles H. and H.)
Weil, Charles L., deceased, Port Huron, Mich.; E. S. Weil, special administratrix. Salt manufacture. 1,478,990; Dec. 25.
Weil, Ella S., special administratrix. (See Weil, Charles L.)
Weil, Maximilian, assignor to Sphinx Gramophone Motors, Inc., New York, N. Y. Turntable-braking means. 1,475,464; Nov. 27.
Weiland, Charles, New York, N. Y. Belt or collar. 1,469,345; Oct. 2.
Weimann Brothers Manufacturing Company, The. (See Runk, William B., assignor.)
Weinacht, Rudolf J., New York, N. Y. Index file. 1,476,662; Dec. 4.
Weinbach, Mendel P., Columbia, Mo. Electric-fuse igniter. 1,477,735; Dec. 18.
Weinberg, Fritz, Sannieshof, Transvaal, South Africa. Garter or sock suspender. 1,474,220; Nov. 13.
Weinberg, Isaac H., and C. F. Bisbing, New York, N. Y. Umbrella parasol. 1,442,753; Jan. 16.
Weinberg, Isaac J., Chicago, Ill. Means for moth-proofing furniture. 1,455,463; May 15.
Weinberg, Lowell C., and H. E. Brannon, Dayton, Ohio. Intraairplane mail transfer. 1,474,457; Nov. 20.
Weinberg, Max. (See Shapiro, S., and Weinberg.)
Weinberger, Benjamin. (See Rivett, A. W., and Weinberger.)
Weinberger, Benjamin M., Milwaukee, Wis. Indicating means. 1,448,610; Mar. 13.
Weinberger, Harry, New York, N. Y. Shoe heel. 1,464,737; Aug. 14.
Weinberger, Joseph. (See Davis, Louis, assignor.)
Weineck, Fred, St. Paul, Minn. Hot-air furnace or heater. 1,472,706; Oct. 30.
Weinel, Karl, assignor to Freyn, Bassert & Company, Chicago, Ill. Overflow drain and water seal for gas washers. 1,466,348; Aug. 28.
Weiner, Harry. (See Kroll, Maurice J., assignor.)
Weiner, William, Philadelphia, Pa. Drawers bloomers for women. 1,462,564; July 24.
Weingarten, Harry. (See Burchess, Herman, assignor.)
Weingarten, Morris, New York, N. Y. Store front. Des. 62,011; Feb. 27.
Weingarten, Oscar, New York, N. Y. Flexible supporting device. 1,446,729; Feb. 27.
Weinhardt, Robert A., Chicago, Ill., assignor to Continental Motors Corporation, Detroit, Mich. Bracket suspension or motor-supporting means. 1,466,610; Aug. 28.
Weinhart, Howard W., Elizabeth, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electron-discharge device. 1,478,076; Dec. 18.
Weinheim, Emil, New York, N. Y. Substitute leather for shoe vamps. 1,441,318; Jan. 9.
Weinle, George. (See Rowe, Reuel S., and Weinle.)
Weinman, Arnold. (See Kuhn-Frei, Emil, assignor.)
Weinman Pump Manufacturing Co., The. (See Bachman, Harry L., assignor.)
Weinstein, Albert L., et al. (See Auble, James H. and J. L., assignors.)
Weinstein, Louis J., New York, N. Y. Artificial denture. 1,450,012; Mar. 27.
Weinstein, Louis J., New York, N. Y. Dental instrument. 1,468,063; Sept. 18.
Weinstein, Maurice N., East Cleveland, Ohio. Cleaner and gauge for winding machines. 1,478,153; Dec. 18.
Weinstein, Morris, assignor to Star Suspender and Garter Co., New York, N. Y. Man's garter. 1,478,077; Dec. 18.
Weinstein, William, assignor of one-half to A. Malsin and one-half to Rite Form Corset Co., Inc., New York, N. Y. Corset clasp. 1,459,316; June 19.
Weintz, William L., assignor to J. E. Porter Corporation, Ottawa, Ill. Farrowing rail. 1,464,302; Aug. 7.
Weir, Bernard R., Muskegon, assignor to Quality Aluminum Casting Company, Muskegon Heights, Mich. Grave marker. Des. 62,049; Mar. 13.
Weir, Bernard R., Muskegon, assignor to Quality Aluminum Casting Company, Muskegon Heights, Mich. Grave marker. Des. 62,050; Mar. 13.
Weir, James W. (See Black, John C., assignor.)
Weir, Nelson J., Seattle, Wash. Spotlight bracket. 1,478,154; Dec. 18.
Weir, Roderick, Mobridge, S. Dak. Siphon apparatus. 1,442,314; Jan. 16.
Weir, Roy W., assignor to Marvel Company, Hammond, Ind. Suction sweeper. 1,446,776; Feb. 27.
Weir, William D., Cathcart, assignor to G. & J. Weir, Limited, Glasgow, Scotland. Withdrawal of air and water of condensation from steam condensers. 1,476,663; Dec. 4.
Weis, Andrew L., assignor to The Weis Fibre Container Corporation, Monroe, Mich. Making paper or other articles. 1,471,225; Oct. 16.
Weis, Carl J. (See Grimshaw, R., and Weis.)
Weis Fibre Container Corporation, The. (See Weis, Andrew L., assignor.)
Weis, Henry T., Fairmont, W. Va. Convertible rake. 1,471,989; Oct. 23
Weis, John P., Nyack, N. Y., assignor of one-half to Metropolitan Sewing Machine Corporation, Dover, Del. Automatic cutting and sewing machine. 1,443,513; Jan. 30.
Weis, John P., Nyack, N. Y., assignor of one-half to Metropolitan Sewing Machine Corporation, Dover, Del. Thread-breaking mechanism. 1,450,531; Apr. 3.
Weis, John P., assignor to Metropolitan Sewing Machine Corporation, Nyack, N. Y. Sewing machine. 1,464,377; Aug. 7.
Weisberg, Louis, Grantwood, N. J. Recovery of silver used in photographic work. 1,448,475; Mar. 13.
Weisberg, Louis, Grantwood, N. J., assignor to The Barrett Company. Resinous product. 1,443,935; Jan. 30.
Weisberg, Louis, Grantwood, N. J., assignor to The Barrett Company. Making a molding composition. 1,443,936; Jan. 30.
Weisel, Oscar W. (See Fisher, Raymond, assignor.)
Weisenberger, Earl O., assignor to The Quick Change Chuck Mfg. Co., Arcanum, Ohio. Quick-change chuck. 1,468,186; Sept. 18.
Weiser, Walter W., Chicago, and G. A. Forsberg, Circero, Ill. Motor for player pianos. 1,445,983; Feb. 20.
Weisglass, Samuel, Brooklyn, N. Y. Crib corner lock. 1,469,745; Oct. 2.
Weishäupl, Joseph, assignor to the Firm Aktiengesellschaft der Maschinenfabriken Escher Wyss & Cie, Zurich, Switzerland. Manufacturing turbine rotors. 1,469,566; Oct. 2.
Weisinger, Abraham, Newark, N. J. Taximeter. 1,470,949; Oct. 16.
Weisinger, Heimi, New York, N. Y. Lady's felt slipper. Des. 62,874; Aug. 14.
Weiske, William C., and H. A. Dorman, Detroit, Mich. Visor frame for automobile windshields. 1,460,739; July 3.
Weiskopf, Charles H., Santa Monica, assignor to International Precipitation Company, Los Angeles, Calif. Apparatus for electrical precipitation of suspended particles from gases. 1,454,255; May 8.
Weiskopf, Charles H., Santa Monica, assignor to International Precipitation Company, Los Angeles, Calif. Apparatus for the electrical precipitation of suspended particles from gases. 1,463,352; July 31.
Weiss, A., et al. (See Lemoigne, William, assignor.)
Weiss, Adele, Pasadena, Calif. Heat indicator for electric irons. 1,478,271; Dec. 18.
Weiss, Alfred H., Wilmette, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Ignition and lighting switch. 1,443,404; Jan. 30.
Weiss, Benjamin, New York, N. Y. Signal device. 1,441,191; Jan. 2.
Weiss, Carl E., Nuremberg, Germany. Gun, pistol, and the like. 1,464,895; Aug. 14.
Weiss, Carl W., Brooklyn, N. Y. Transmission device. 1,452,946; Apr. 24.
Weiss, Carl W., New York, N. Y. Transmission device. 1,469,059; Sept. 25.
Weiss, Carl W., Brooklyn, N. Y. Transmission device. 1,469,060; Sept. 25.

Alphabetical list of patentees—Continued.

Weiss, Carl W., Brooklyn, N. Y. Transmission device. 1,469,061; Sept. 25.
Weiss, George, Chicago, Ill. Cutting machine. 1,440,805; Jan. 2.
Weiss, George, Chicago, Ill. Compressor. 1,445,252; Feb. 13.
Weiss, Howard F., assignor to C. F. Burgess Laboratories, Madison, Wis. Insulating material and making the same. 1,456,083; May 22.
Weiss, Howard F., assignor to C. F. Burgess Laboratories, Madison, Wis. Wall board. 1,461,337; July 10.
Weiss, Howard F., assignor to C. F. Burgess Laboratories, Madison, Wis. Roofing material. 1,467,594; Sept. 11.
Weiss, Joseph, Chicago, Ill. Lunch heater and carrier. 1,463,411; July 31.
Weiss, Julius. (See Uran, Andrew, assignor.)
Weiss, Leopold, Vienna, Austria. Manufacture of modified starch. 1,474,129; Nov. 13.
Weiss, Louise A. (See Kratz, Edwin E., assignor.)
Weiss, Morris, New York, assignor of one-half to I. A. Weidhorn, Lynbrook, N. Y. Pivot button. 1,454,004; May 1.
Weiss, Roger. (See Ericson, E., and Weiss.)
Weiss, Virginia, assignor to Susquehanna Silk Mills, New York, N. Y. Textile fabric. Des. 62,464; June 5.
Weiss, Virginia, assignor to Susquehanna Silk Mills, New York, N. Y. Textile fabric. Des. 62,465; June 5.
Weisz, Thomas, New York, N. Y. Sanitary waste receptacle. 1,472,707; Oct. 30.
Weitershausen, Robert H., Pittsburgh, Pa. Tone-arm stop. 1,463,107; July 24.
Weitling, William W., College Point, N. Y. Battery jar. Des. 62,295; May 1.
Weittenhiller, Merton, and G. Edge, Platteville, Wis. Lifting device. 1,449,024; Mar. 20.
Weitzman, Louis, Milwaukee, Wis. Signal for refrigerator pans. 1,443,402; Jan. 30.
Weitzman, Louis, Milwaukee, Wis. Automobile lock. 1,465,926; Aug. 21.
Wekerle, Karl, West Hoboken, N. J. Lock for motor vehicles. 1,448,983; Mar. 20.
Welch, Charles K., Wheeling, W. Va. Holder for razor blades. 1,465,774; Aug. 21.
Welch, Clarence R., Denver, Colo. Rock drill. 1,452,581; Apr. 24.
Welch, Frank M., and T. Prescott, Pillager, Minn. Hot-air furnace. 1,449,712; Mar. 27.
Welch, George A., Seattle, Wash. Ash-dust remover. 1,443,109; Jan. 23.
Welch, Harry V., Los Angeles, and W. A. Sheek, Long Beach, assignors to International Precipitation Company, Los Angeles, Calif. Recovery of tin and iron products from tinned-iron waste. 1,446,953; Feb. 27.
Welch, Horace H., Chicago, Ill., assignor to The Wahl Company, Wilmington, Del. Pencil. 1,457,011; May 29.
Welch, Howard C. (See Stipes, R. B., Goodwin, and Welch.)
Welch, Jack T., assignor to James Heddon's Sons, Dowagiac, Mich. Fishing reel. 1,467,407; Sept. 11.
Welch, John M., Des Moines, Iowa. Pneumatic swimming belt and making same. 1,467,463; Sept. 11.
Welch, John M., Brooklyn, assignor, by mesne assignments, to R. T. Parker and C. L. Moreau, New York, N. Y. Razor-blade sharpener. 1,448,014; Mar. 13.
Welch, John R., deceased; V. M. Welch, executrix., assignor to V. M. Welch, Muncie, Ind. Metallic vehicle wheel. 1,469,746; Oct. 2.
Welch, John T., assignor to James Heddon's Sons, Dowagiac, Mich. Fishing reel. 1,460,994; July 3.
Welch, John T., assignor to James Heddon's Sons, Dowagiac, Mich. Fishing reel. 1,463,642; July 31.
Welch, Roy W., Kelso, Wash. Belt. 1,478,497; Dec. 25.
Welch, Russell E., San Jose, Calif. Cutter for sliced potatoes. 1,472,315; Oct. 30.
Welch, Thomas F., and F. A. Reynolds, Geneva, N. Y., assignors, by mesne assignments, to Nonak Stropper Company, Inc. Sharpening mechanism. 1,449,470; Mar. 27.
Welch, Thomas H., Hawthorne, assignor of one-third to H. K. Curtis and one-third to J. I. D. Bristol, Chappaqua, N. Y. Radiator protector. 1,456,749; May 29.
Welch, Viola M. (See Welch, John R., assignor.)
Welch, Viola M., executrix. (See Welch, John R.)
Welcker, Paul H., assignor to Brown & Bigelow, St. Paul, Minn. Calendar. 1,469,062; Sept. 25.
Welcker, Paul H., assignor to Brown & Bigelow, St. Paul, Minn. System file. 1,473,452; Nov. 6.
Weld, Chester H., Glencoe, Ill., assignor of one-third to R. B. Weld, Bowdon, N. Dak. Attachment for nursing nipples. 1,465,748; Aug. 21.
Weld, Roy B. (See Weld, Chester H., assignor.)
Weldon, John J., Pittsfield, Mass., assignor to General Electric Company. Combined coating and winding machine. 1,469,128; Sept. 25.
Weleski, Vince, Tarentum, Pa. Rail fastener. 1,475,910; Nov. 27.
Welffens, Emile J., Manchester, England. Means for starting, stopping, and driving machinery. 1,459,759; June 26.
Welffens, Emile J., Withington, Manchester, England. Planetary gearing. 1,462,950; July 24.
Welffens, Emile J., Manchester, England. Planetary gearing. 1,462,951; July 24.
Welham, Alfred L., Benton Harbor, Mich. Follower support for use in filing trays. 1,441,465; Jan. 9.
Welin, Axel, London, England, assignor to American Balsa Company, Inc. Mechanism for turning ships' davits. 1,478,994; Dec. 25.
Welker, Henry C., Minneapolis, Minn., assignor to Deere & Company, Moline, Ill. Plowbrace. 1,451,560; Apr. 10.
Welker, Louis, jr., Williamsport, Pa. Window-operating device. 1,455,464; May 15.
Welker, Louis, jr., Williamsport, Pa., assignor to The New Home Sewing Machine Company, Orange, Mass. Sewing-machine driving mechanism. 1,461,058; July 10.
Welle, Albert F., assignor to American Bakery Company, St. Louis, Mo. Sheet of wrapping paper. Des. 63,247; Nov. 6.
Wellensiek, Louis H., Houston, Tex. Rotary drilling apparatus. 1,448,172; Mar. 13.
Weller, Denver B., Washington, D. C. Safety appliance for drill chucks. 1,463,412; July 31.
Weller, Frederick H., Cincinnati, Ohio. Line fastener. 1,470,408; Oct. 9.
Weller, George L., Elyria, Ohio. Meter. 1,471,814; Oct. 23.
Weller, John L., and F. E. Winchester, Richmond, Ind. Retainer and lock for spare wheels. 1,442,315; Jan. 16.
Weller, Randolph V., Rochester, N. Y. Ironing machine. 1,440,855; Jan. 2.
Wellesley, Richard, Goodmayes, England. Production of photographic films in natural colors. 1,441,615; Jan. 9.
Wellington, Arthur W., assignor to Chase Companies Inc., Waterbury, Conn. Furniture-knob mount. 1,476,384; Dec. 4.
Wellington, Leonard A., Keene, N. H. Stylus adapter for phonograph sound boxes. 1,443,298; Jan. 23.
Wellman, Emily A., New York, N. Y. Method of and apparatus for presenting plays and the like. 1,449,076; Mar. 20.
Wellman, Frank E., assignor to The Kansas City Gasoline Company, Kansas City, Kans. Apparatus for and method of cracking hydrocarbons. 1,478,413; Dec. 25.
Wellman, Harvey P., Oakland, Calif. Automobile elevator. 1,477,471; Dec. 11.
Wellman, Holley G., and C. D. Gilpin, Cleveland, Ohio. Melting furnace. 1,440,515; Jan. 2.
Wellman, Lester R., assignor to Friedley Voshardt Co., Chicago, Ill. Arm for lighting-fixture plate. Des. 62,156; Mar. 27.
Wellman, Lester R., assignor to Friedley Voshardt Co., Chicago, Ill. Plate for lighting fixtures. Des. 62,157; Mar. 27.
Wellman, Samuel K. (See Pennington, G. R., and Wellman.)
Wellman-Seaver-Morgan Company. (See Benjamin, Chester W., assignor.)
Wellman-Seaver-Morgan Company, The. (See Case, Arthur F., assignor.)
Wellman Seaver-Morgan Company, The. (See Kelly, Loomis L., assignor.)
Wellman-Seaver-Morgan Company, The. (See Newcomb, Melvin B., assignor.)
Wellman-Seaver-Morgan Company, The. (See Reese, Arthur G., assignor.)
Wellman-Seaver-Morgan Company, The. (See Slattery, Donald W., assignor.)
Wellman-Seaver-Morgan Company, The. (See Thomas, Ivor D., assignor.)
Wellman-Seaver-Morgan Company, The. (See Thomas, I. D., and Douglas, assignors.)
Wellman-Seaver-Morgan Company, The. (See Windett, Victor, assignor.)
Wells, Alfred A. (See Ellis, C., and Wells.)
Wells, Alfred A., Montclair, N. J., assignor to National Carbon Company, Inc., New York, N. Y. High-power dry battery. 1,452,230; Apr. 17.
Wells, Alfred Z., and J. M. Wade, Wenatchee, Wash. Fruit-picking bucket. 1,454,779; May 8.
Wells, Alfred Z., and J. M. Wade, Wenatchee, Wash. Fruit elevator. 1,461,638; July 10.
Wells, Amos S., and L. A. Harker, Minneapolis, Minn. Dental molding apparatus. 1,468,428; Sept. 18.
Wells, Benjamin N., Raleigh, N. C., assignor to The Seamless Can & Bucket Co., Baltimore, Md. Sheet-metal can. 1,454,802; May 8.
Wells, Benjamin N., Raleigh, N. C., assignor to The Seamless Can & Bucket Co., Baltimore, Md. Dispensing vessel. 1,454,803; May 8.
Wells, Burling D. (See Blair, R. S., and Wells.)
Wells, Earl W., South Brownsville, Pa. Electric iron and stand. 1,478,310; Dec. 18.
Wells, Emery M., Naperville, Ill. Valve-locking device. 1,440,710; Jan. 2.
Wells, Frank, Kingston, England. Connecting device for fuses and blasting cartridges, etc. 1,458,740; June 12.
Wells, Frank O., Greenfield, Mass. Tap for cutting threads. 1,447,700; Mar. 6.
Wells, Frank O., Greenfield, Mass. Stay-bolt tap. 1,478,414; Dec. 25.
Wells, George F., San Francisco, Calif. Electrical waffle iron. 1,470,899; Oct. 16.

Wells, George W., assignor to Walker Body Company, Amesbury, Mass. Hinge. 1,455,690; May 15.
Wells, Henry M. (See Southcombe, J. E., and Wells.)
Wells, Herbert J. C., New York, N. Y. Thermostatic regulator. 1,449,155; Mar. 20.
Wells, Herbert J. C., New York, N. Y., assignor to Monitor Controller Company, Baltimore, Md. Thermostatic controlling device. 1,441,549; Jan. 9.
Wells, Hewitt L., assignor to Washington Steel Form Company, Washington, D. C. Apparatus for constructing concrete floors. 1,445,374; Feb. 13.
Wells, Jacob L., Minneapolis, Minn. Air-washing attachment for carburetors. 1,452,231; Apr. 17.
Wells, Joel C., Southbridge, Mass. Making composite rims for ophthalmic mountings. 1,449,962; Mar. 27.
Wells, Joel C., and E. D. Tillyer, Southbridge, Mass., said Tillyer assignor to said Wells. Antæus glass. 1,454,200; May 8.
Wells, Merritt R., Cleveland, Ohio. Fan for automobile radiators or the like. 1,473,066; Nov. 6.
Wells, Nelson D., Dayton, Ohio. Burglar alarm. 1,448,780; Mar. 20.
Wells, Newton C., and H. J. Meyer, Los Angeles, Calif.; said Meyer assignor to said Wells. Butt gauge. 1,450,676; Apr. 3.
Wells, Paul L., Kouts, Ind. Vacuum release for shells. 1,462,500; July 24.
Wells, Robert L., Chicago, Ill. Pipe thimble. 1,472,819; Nov. 6.
Wells, Wesley B., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Light signal. 1,453,535; May 1.
Wells, William A. (See Lawrence, Walter H., assignor.)
Welpley, Walter W., Detroit, Mich. Toothbrush holder. 1,453,816; May 1.
Welpley, Walter W., assignor of one-half to W. T. McNamara, Detroit, Mich. Toothbrush holder. 1,458,566; June 12.
Welpley, Walter W., assignor of one-half to G. L. Cook, Detroit, Mich. Toothbrush holder. 1,460,995; July 3.
Welsbach Company. (See Fehrenbach, Reinhold, assignor.)
Welser, Brinton. (See Montague, W. L., and Welser.)
Welser, George B., jr. (See Montague, W. L., and Welser.)
Welsh, Alfred L., assignor of one-half to C. E. Johns and B. F. Miller, Kokomo, Ind. Bottle holder. 1,448,015; Mar. 13.
Welsh, Chester J., Conneaut, Ohio. Reenforced split D handle. 1,477,092; Dec. 11.
Welsh, John G., Youngstown, Ohio. Waterproof cigarette case. 1,460,296; June 26.
Welsh, John T., Schenectady, N. Y. Trolley. 1,478,311; Dec. 18.
Welsh, Monte, San Antonio, Tex. Photographic-printing machine. 1,443,403; Jan. 30.
Welsh, Sidney F. (See Moore, E., and Welsh.)
Welsh, Ulysses S. G., Brooklyn, N. Y. Dishwashing machine. 1,457,240; May 29.
Welsh, William, Kincardine, Ontario, Canada. Aeroplane. 1,442,110; Jan. 16.
Welshausen, William, Allenhurst, N. J. Windshield attachment. 1,448,016; Mar. 13.
Welte, Edwin, Freiburg, Germany, assignor, by mesne assignments, to Welte-Mignon Corporation, New York, N. Y. Pneumatically-controlled regulator for musical instruments. 1,467,889; Sept. 11.
Welte, Joseph J., St. Paul, assignor to H. Schoener, St. Cloud, Minn. Roll writing tablet. 1,471,673; Oct. 23.
Welte-Mignon Corporation. (See Bockisch, Heinrich, assignor.)
Welte-Mignon Corporation. (See Welte, Edwin, assignor.)
Welter, Johannes F., Utrecht, Netherlands. Walking apparatus for the lame. 1,446,230; Feb. 20.
Weltmer, Joseph, Grover Hill, Ohio. Resilient tire and wheel. 1,449,471; Mar. 27.
Weltner, Akos, Youngstown, Ohio. Abbreviating machine. 1,471,637; Oct. 23.
Welton, William A., assignor of one-third to F. E. Farley and one-third to C. P. Waters, Little Rock, Ark. Signal lantern. 1,477,923; Dec. 18.
Welton, William H. H., Dallas, Tex. Metal railway tie and rail fastener. 1,473,067; Nov. 6.
Welty, Rufus W., San Francisco, Calif. Automobile rim. 1,475,098; Nov. 20.
Wemb Co., The. (See Wagner, Albert, assignor.)
Wemb Company, The. (See Wagner, Albert, assignor.)
Wemhoener, William F., St. Louis, Mo. Letter chute. 1,477,615; Dec. 18.
Wenclaski, Robert F., Detroit, Mich. Case for automobile signals. Des. 63,345; Nov. 20.
Wendel, Ada B., Smithland, Iowa. Magazine rack. 1,462,434; July 17.
Wendel, Elof W., Hinsdale, Ill. Ladder rest or support. 1,467,597; Sept. 11.
Wendel, Frans B., Brooklyn, N. Y. Double-seaming tool. 1,442,754; Jan. 16.
Wendel, Frans B., Brooklyn, N. Y. Container. 1,464,457; Aug. 7.
Wendell, Evert J., Wayne, Pa. Rotor for rotary pumps. 1,442,018; Jan. 9.
Wenderhold, William, assignor, by mesne assignments, to E. J. Banzhaf, New York, N. Y. Velocipede. 1,449,643; Mar. 27.
Wenderhold, William, assignor, by mesne assignments, to E. J. Banzhaf, New York, N. Y. Combination lamphouse support. 1,452,582; Apr. 24.
Wendling, Alexander, Detroit, Mich. Cycle handle. 1,451,411; Apr. 10.
Wendling, George X. (See Tucker, William E., assignor.)
Wendling, George X., San Francisco, Calif. Foldable shipping box. 1,453,611; May 1.
Wendling, George X., San Francisco, Calif. Pole-base construction. 1,460,186; June 26.
Wendling, George X., San Francisco, Calif. Box. 1,472,346; Oct. 30.
Wendling, George X., San Francisco, Calif. Compartment end closure for boxes. 1,472,347; Oct. 30.
Wendling, George X., San Francisco, Calif. Separable compartment container. 1,478,194; Dec. 18.
Wendt, Charles A., Milwaukee, Wis. Attachment for bowling alleys. 1,446,954; Feb. 27.
Wendt, Charles A., Milwaukee, Wis. Billiard table. Des. 62,685; July 17.
Wendt, Gustave A., Spokane, Wash. Casket. Des. 62,369; May 15.
Wendt, Henry W., Buffalo, N. Y. Rotary engine. 1,448,476; Mar. 13.
Wenger, Aaron, Bayonne, N. J. Ventilator. 1,478,312; Dec. 18.
Wenger, Arthur W. (See Rodgers, C. M., and Wenger.)
Wenger, David M., Leola, Pa. Washing machine. 1,444,993, Feb. 13.
Wenham, George H., Bromley, England. Folding hood for motor vehicles and the like. 1,473,895; Nov. 13.
Wenham, George H., Bromley, assignor to G. Beaton & Son (1919) Limited, London, England. Folding hood for motor road vehicles and other vehicles. 1,476,313; Dec. 4.
Wenholz, William H., Hutchinson, Kans. Truck and wagon dump. 1,473,531; Nov. 6.
Weningman, Carl B., Lowell, Mass., assignor to American Emblem Company, Inc. Ash tray. Des. 63,061; Sept. 25.
Wenke, Charles W., St. Louis, Mo., and C. A. Ketterer, East St. Louis, Ill., assignors to St. Louis Butchers' and Hotel Supply Company, St. Louis, Mo. Container support for refrigerators. 1,472,106; Oct. 30.
Wenneborg, Henry, assignor of one-half to E. S. Spindel, Springfield, Ill. Lock for vending machines. 1,446,602; Feb. 27.
Wenneborg, Henry, assignor of one-half to E. S. Spindel, Springfield, Ill. Trailer. 1,459,521; June 19.
Wennen, Charles E., Virginia, Minn. Drill bit. 1,446,677; Feb. 27.
Wennerby, Arthur O. L., Halmstad, Sweden. Two or multi cylinder combustion engine. 1,477,736; Dec. 18.
Wennerstrom, Carl G., Chicago, assignor to Davis-Watkins Dairymen's Manufacturing Company, North Chicago, Ill. Ice-cream freezer. 1,447,497; Mar. 6.
Wennerstrom, Ernest J. T., assignor to Aktiebolaget Bofors, Bofors, Sweden. Fuse. 1,455,741; May 15.
Wensley, Roy J., Edgewood Park, Pa., assignor to Westinghouse Electric and Manufacturing Company. Electrical system. 1,442,202; Jan. 16.
Wensley, Roy J., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrical protective device. 1,466,260; Aug. 28.
Wente, Edward C., Port Washington, assignor to Western Electric Company, Incorporated, New York, N. Y. Equalizing network. 1,478,078; Dec. 18.
Wentling, Lester M., Foxburg, assignor of one-eighth to G. V. Gibson, West Monterey, one-eighth to R. H. Downing, sr., one-eighth to R. H. Downing, jr., one-eighth to A. J. Downing, Foxburg, one-eighth to D. G. Jordan, St. Petersburg, Pa., and one-eighth to A. L. Nevel, Emlenton, Pa. Safety switch point. 1,472,708; Oct. 30.
Wentworth, Frank R., Russell, Kan. Watch charm, pendant, or similar article. Des. 62,628; July 3.
Wentworth, Hartley A., Deer Island, New Brunswick, Canada. Extracting oil. 1,456,019; May 22.
Wentworth, Jesse S., Norwood, Ohio, assignor to United Shoe Machinery Corporation, Paterson, N. J. Starting and stopping mechanism. 1,453,298; May 1.
Wentworth, Philip C., Providence, R. I. Ring traveler. 1,461,059; July 10.
Wentworth, Samuel J., Newport, Ky., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-lift-assembling machine. 1,468,683; Sept. 25.
Wentworth, Thomas C., Cornish, Me. Combination reenforcement and fastener. 1,455,315; May 15.
Wentworth, Thomas C., Cornish, Me. Cover fastener. 1,455,316; May 15.
Wentworth, Thomas L., Milwaukee, Wis. Hat die. 1,446,604; Feb. 27.
Wentz, Jere L., Passaic, N. J. Conveyer. 1,455,977; May 22.
Wentz, Jere L., Passaic, N. J. Stopper. 1,455,978; May 22.
Wentz, Jere L., Passaic, N. J. Truck. 1,471,762; Oct. 23.
Wentz, Jere L., Passaic, N. J. Elevating and positioning machine. 1,471,763; Oct. 23.
Wentz, John, assignor of one-half to M. J. Gans and one-fourth to P. F. Vogel, Perham, Minn. Demountable wheel rim. 1,466,812; Sept. 4.

Wentzel, Clifford E., assignor to International Clay Machinery Company, Dayton, Ohio. Furnace gas producer. 1,455,181; May 15.
Wenz, Joseph H., Long Island City, N. Y. Collar button. 1,477,093; Dec. 11.
Wenzel, Edwin H., Milwaukee, Wis. Game of chance. 1,464,019; Aug. 7.
Wenzel, Jacob B., Bloom, Colo. Method of and machine for making packing rings. 1,444,575; Feb. 6.
Wenzel, Jacob B., Bloom, Colo. Packing ring and making the same. 1,450,568; Apr. 3.
Wenzel, Nicolas, Twin Falls, Idaho. Regulating transformer. 1,454,005; May 1.
Wepplo, Isaac W., Chicago, Ill. Collapsible-tube-closing machine. 1,476,124; Dec. 4.
Werbeck, Walter G., deceased, by C. W. Hagemann, administrator, assignor to S. S. P. Manufacturing Co., Chicago, Ill. Fluid gauge. 1,460,873; July 3.
Werbeck, Walter G., deceased, Chicago, Ill.; C. W. Hagemann, administrator. Pipe union. 1,468,187; Sept. 18.
Werenskiold, Carl H., Brooklyn, N. Y. Terminal for electrical appliances. 1,454,359; May 8.
Werk, F. C., et al. (See Cowin, Irving R., assignor.)
Werle, Ludwig, Sturgeon Bay, Wis. Steering locking device. 1,452,901; Apr. 24.
Werle, Philip. (See Bye, K., and Werle.)
Werner, Albert, assignor to Werner Bros., New York, N. Y. Finger ring. Des. 62,158; Mar. 27.
Werner, Albert, assignor to Werner Bros., New York, N. Y. Finger ring. Des. 62,513; June 12.
Werner Bros. (See Werner, Albert, assignor.)
Werner, Charles A. (See White, J. H., and Werner.)
Werner, Edward H., Chicago Ill. Insulator. 1,477,406; Dec. 11.
Werner, Ernest E., St. Louis, Mo. Producing emulsions. 1,445,427; Feb. 13.
Werner, Eugene, Highland Park, Mich. Needle and needle holder. 1,450,879; Apr. 3.
Werner, Frank, Grand Rapids, Mich. Cooky. Des. 63,600; Dec. 18.
Werner, George C., Brooklyn, N. Y. Switch. 1,455,763; May 15.
Werner, Henry E., Houston, Tex. Cotton gin. 1,452,667; Apr. 24.
Werner, John A., Altoona, Pa. Hanger for porch swings. 1,466,813; Sept. 4.
Werner, Leo J., Arlington, assignor to Splitdorf Electrical Company, Newark, N. J. Distributor block and making the same. 1,463,453; July 31.
Werner, Max F., assignor of one-half to E. L. Foss, Madison, Wis. Water-elevating device. 1,445,463; Feb. 13.
Werner, Paul W., Niota, Ill. Pencil. 1,451,193; Apr. 10.
Wernert, Joseph. (See Kerr, John M., assignor.)
Wernicke-Hatcher Pump Company. (See Hatcher, William A., assignor.)
Wernicke, Otto H. L., Gull Point, Fla. Wall block or member. 1,460,005; June 26.
Wernicke, Otto H. L., Grand Rapids, assignor of one-half to M. H. Lane, Kalamazoo, Mich. Culvert. 1,441,466; Jan. 9.
Wernig, Frederick A., Brooklyn, N. Y. Automobile bumper. 1,446,490; Feb. 27.
Wernig, Frederick A., Brooklyn, N. Y. Automobile bumper. 1,454,360; May 8.
Wernimont, Frank T., assignor to The Hall Manufacturing Company, Cedar Rapids, Iowa. Metal-basket-corrugating machine. 1,462,457; July 17.
Werolin, Edwin S., assignor to American Piano Company, New York, N. Y. Mounting for operating parts of player pianos. 1,443,665; Jan. 30.
Werry, L. E. (See Strawbridge, William C., assignor.)
Werry, William, London, England. Internal-combustion engine. 1,478,778; Dec. 25.
Wert, Cyrus S., Kendallville, Ind. Concrete-brick machine. 1,443,299; Jan. 23.
Wert, Cyrus S., Kendallville, Ind. Forming faced concrete blocks. 1,471,990; Oct. 23.
Wert, Cyrus S., Kendallville, Ind. Apparatus for forming faced concrete blocks. 1,475,911; Nov. 27.
Wertheimer, Leo, Buffalo, N. Y. Coffee urn. 1,471,933; Oct. 23.
Wertheimer, Max. (See Hornbostel, E. M., and Wertheimer.)
Wertheimer, Oscar C. (See Gratt, Emil, assignor.)
Wertz, Duff H., assignor to V. M. Wertz, St. Louis, Mo. Expansible window screen. 1,445,375; Feb. 13.
Wertz, E. S. (See Collver, Harold E., assignor.)
Wertz, Harvey C., Homestead, Pa. Scaffold jack. 1,452,717; Apr. 24.
Wertz, Peter, Pittsburgh, Pa. Safety locomotive-cab valve. 1,460,628; July 3.
Wertz, Viola M. (See Wertz, Duff H., assignor.)
Weschler, Daniel A., assignor to Weschler-Barber Silk Company, Inc., New York, N. Y. Statuette. Des. 63,012; Sept. 4.
Wescoat, Lewis C., Elmhurst, assignor to Western Electric Company, Incorporated, New York, N. Y. Interlocking knife switches. 1,462,055; July 17.
Wescoat, Lewis C., Elmhurst, assignor to Western Electric Company, Incorporated, New York, N. Y. Interlocking switch. 1,465,384; Aug. 21.
Wescoat, Lewis C., Corona, assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical distribution system. 1,478,079; Dec. 18.
Wescott, William B., Wellesley, assignor, by mesne assignments, to Technicolor Motion Picture Corporation, Boston, Mass. Apparatus for treating cinematographic films. 1,444,818; Feb. 13.
Wescott, William B., Wellesley, assignor, by mesne assignments, to Technicolor Motion Picture Corporation, Boston, Mass. Cinematographic-film-feeding mechanism. 1,450,343; Apr. 3.
Wescott, William B., Wellesley, assignor, by mesne assignments, to Technicolor Motion Picture Corporation, Boston, Mass. Transparency and making the same. 1,454,418; May 8.
Wescott, William B., Wellesley, assignor to Kalmus Comstock & Wescott Incorporated, Boston, Mass. Apparatus for supporting cinematographic machines or the like. 1,451,382; Apr. 10.
Wescott, William B., Wellesley, assignor by mesne assignments, to American Protein Corporation, Boston, Mass. Trocar. 1,472,377; Oct. 30.
Wescott, William B., Wellesley, assignor, by mesne assignments, to American Protein Corporation, Boston, Mass. Trocar. 1,472,378; Oct. 30.
Wesenberg, Charles. (See Heil, J. P., and Wesenberg.)
Weske, George J., A. F. Gensler, and O. H. Prange, Cleveland, Ohio. Safety nonstop lathe chuck. 1,468,587; Sept. 18.
Wesley, James R., Chicago, Ill. Truck and push pole for switching cars. 1,453,218; Apr. 24.
Wesley, John W., Chicago, Ill. Automatic weighing mechanism. 1,450,932; Apr. 10.
Wesnigk, Erwin, Berlin, Germany. Adjustable propeller nave. 1,459,941; June 26.
Wesnigk, Erwin, Berlin, Germany. Three-wheeled automobile. 1,450,622; Apr. 3.
Wesolik, Joseph, assignor of one-quarter to Σ. Luetscher, Belleville, Ill., and one-half to L. Kribben, Clinton, Mass. Rail-fastening plate. 1,454,090; May 8.
Wesolowski, Jerry E., Buffalo, N. Y. Automatic signal for railway crossings. 1,470,338; Oct. 9.
Wessale, Edward, Waconia, Minn. Process of and apparatus for preparing cane for extraction. 1,469,744; Oct. 2.
Wessale, Edward, Waconia, Minn. Apparatus for preparing cane for extraction. 1,474,870; Nov. 20.
Wessale, Edward, Waconia, Minn. Apparatus for preparing cane for extraction. 1,474,871; Nov. 20.
Wessel, Harry G., Lakewood, Ohio. Hose clamp. 1,473,715; Nov. 13.
Wessel, Karl, St. Paul, Minn. Machine for treating flax straw. 1,447,449; Mar. 6.
Wessel, Karl, St. Paul, Minn. Hemp machine. 1,447,450; Mar. 6.
Wessely, Emil, and J. Schier; said Schier assignor of his entire interest to the Firm Oesterr.-Ung. Optische Anstalt C. P. Goerz Gesellschaft m. b. H., Vienna, Austria. Optical binocular instrument. 1,467,213; Sept. 4.
Wessig, August, Chicago, Ill. Window-clearing apparatus. 1,465,292; Aug. 21.
Wesson, Harold, and E. S. Pomeroy, assignors, by mesne assignments, to Smith and Wesson, Inc., Springfield, Mass. Target pistol. 1,476,125; Dec. 4.
Wesson, Maurice T. G., Richmond, Melbourne, Victoria, Australia. Spring suspension for motor cycles. 1,458,506; June 12.
Wesson, Paul B., assignor to Hampden Brass Company, Springfield, Mass. Safety faucet. 1,449,472; Mar. 27.
Wesson, Paul B., assignor to Hampden Brass Company, Springfield, Mass. Safety faucet. 1,467,464; Sept. 11.
West, Agnes E., Watertown, Wis. Device for bowel treatment. 1,454,302; May 8.
West, Andrew J., Andrews, S. C. Tire-rim expanding and contracting implement. 1,443,300; Jan. 23.
West, Andrew L., Knoxville, Tenn. Safe and vault door. 1,454,460; May 8.
West, Augustus A., Philadelphia, Pa. Hair curler. 1,447,742; Mar. 6.
West, Augustus A., assignor to West Electric Hair Curler Company, Philadelphia, Pa. Display frame for advertising matter. Des. 62,094; Mar. 13.
West, Birney A., Clarksburg, W. Va. Catcher for tinning machines. 1,442,838; Jan. 23.
West, Caroline S., Peru, Vt. Support. 1,446,231; Feb. 20.
West, Charles, Chicago, Ill. Illuminated sign. 1,475,977; Dec. 4.
West, Charles L., Franklin, N. C. Pile lifter. 1,462,435; July 17.
West, Claude A., Detroit, Mich. Metal-working tool. 1,461,548; July 10.
West, Clifton, London, England. Packing and delivering gramophone and like needle. 1,462,056; July 17.
West, Clifton, London, England. Temperature-alarm apparatus. 1,476,864; Dec. 11.
West Disinfecting Company. (See Dreyfus, William, assignor.)
West Electric Hair Curler Company. (See West, Augustus A., assignor.)
West End Chemical Company. (See Morse, Harry W., assignor.)

West, Francis E., Alma, Mich. Camping outfit. 1,471,433; Oct. 23.
West, Frank, East San Diego, Calif. Repairman's brake attachment for air brakes. 1,450,272; Apr. 3.
West Gravitiser Corporation, The. (See Anderson, Gideon, assignor.)
West, Harry H., Montreal, Quebec, Canada. Hosiery. Des. 62,764; July 24.
West, James G., Pittsburgh, Pa. Producing coke. 1,445,735; Feb. 20.
West, James M., Raleigh, N. C. Differential gearing. 1,466,320; Aug. 28.
West, John B., Syracuse, N. Y. Automatic auxiliary air valve for internal-combustion engines. 1,465,723; Aug. 21.
West, John W., Camberwell, London, England. Binding case for holding sheet music and the like. 1,452,452; Apr. 17.
West, Joseph W., Bearden, Ark. Perpetual calendar. 1,464,191; Aug. 7.
West, Jullan, and E. C. Campbell, Norfolk, Va. Refrigerator. 1,445,464; Feb. 13.
West, Leon P., Buffalo, N. Y. Lifting hoist. 1,440,570; Jan. 2.
West, Leonidas D., Denver, Colo. Automatic door closer. 1,455,691; May 15.
West Manufacturing Company. (See West, Merle J., assignor.)
West, Merle J., Milwaukee, assignor, by mesne assignments, to H. W. Le Mahieu, Oostburg, Wis. Switch. 1,460,629; July 3.
West, Merle J., assignor to West Manufacturing Company, Milwaukee, Wis. Display and dispensing device. 1,470,900; Oct. 16.
West, Oscar M., St. Paul, Minn. Direction signal for automobiles. 1,456,347; May 22.
West, P. C., Mfg. Co. (See West, Preston C., assignor.)
West, Peter, S. L., Brooklyn, N. Y. Fuel economizer. 1,460,297; June 26.
West, Preston C., Hamilton, Mont., assignor to P. C. West Mfg. Co. Inc., Chicago, Ill. Machine for opening cans. 1,456,525; May 29.
West, Ralph H., Bay City, Mich. Safety windshield. 1,461,237; July 10.
West Surrey Central Dairy Company, The. (See Selby-Fayers, W., and Gates, assignors.)
West, Victor E., McKeesport, Pa. Identification device. 1,463,755; July 31.
West Virginia Rail Company, The. (See Diehl, Herman H., assignor.)
West, Walter A., Elkhorn, Wis. Sanitary and temperature-insulating jacket for milk cans. 1,460,461; July 3.
West, William T., Denmark, Tenn. Seed-saving means. 1,468,849; Sept. 25.
Westacott, Charles H. (See Lawrence, J. L., and Westacott.)
Westall, John, Fall River, Mass. Overflow-controlled safety device for oil burners. 1,469,346; Oct. 2.
Westbrook, Morris J., et al. (See Westbrook, Moses A., assignor.)
Westbrook, Moses A., assignor of one-third to G. C. Hopkins and one-third to M. J. Westbrook, Winnsboro, Tex. Chair. 1,449,473; Mar. 27.
Westbrook, William L. (See Getz, V. C., and Westbrook.)
Westbury, Alfred J. G., London, and H. Hiscock, Coulsden, England. Envelope and the like. 1,454,361; May 8.
Westbury, William, Caney, Kans. Cylinder-capping device. 1,447,828; Mar. 6.
Westbury, William, Caney, Kans. Cylinder-capping device. 1,458,452; June 12.
Westby, Cornelius O., Renville, Minn. Implement for placing and clinching split rivets. 1,444,290; Feb. 6.
Westcott, Henry P., Erie, Pa. Differential-pressure gauge. 1,457,201; May 29.
Westcott, Valorus S., assignor to J. & P. Coats (R. I.) Inc., Pawtucket, R. I. Labeling machine. 1,440,856; Jan. 2.
Westendorf, Frederick J., Hammond, Minn. Loader. 1,449,359; Mar. 20.
Wester, Theodore C., Wilmington, Del. Apparatus for forming articles of cork. 1,455,946; May 22.
Westerbeck, Frederick, St. Louis, Mo. Sheet-metal can. 1,455,182; May 15.
Westerberg, Carl A. A. (See Bore, J., and Skoglund, assignors.)
Westerby, John. (See Martin, D. B., and Westerby.)
Westerfield, Everett C., Tyrone, Okla. Wheel construction. 1,472,404; Oct. 30.
Westerfield, Granville G., Indianapolis, Ind. Multifluid carburetor. 1,470,659; Oct. 16.
Westergaard, Carl J., Minneapolis, Minn. Adjustable starter can. 1,444,090; Feb. 6.
Westergaard, Carl J., Minneapolis, Minn. Churn-driving mechanism. 1,449,474; Mar. 27.
Westergaard, Carl J., Minneapolis, Minn. Milk and cream pasteurizer. 1,451,132; Apr. 10.
Westergaard, Carl J., Minneapolis, Minn. Cream ripener and pasteurizer. 1,455,012; May 15.
Westergard, Christ, Denbigh, N. Dak. Vehicle spring. 1,460,298; June 26.
Westerman, Claude C., assignor of one-half to G. L. Westerman, Bremen, Ohio. Self feeder for stock. 1,469,129; Sept. 25.
Westerman, Frederick, Chicago, Ill. Depositing machine. 1,465,749; Aug. 21.
Westerman, Frederick, Chicago, Ill. Beater. 1,475,978; Dec. 4.
Westerman, G. L. (See Westerman, Claude C., assignor.)
Westerman, William. (See Sundh, A., and Westerman.)
Western Auto Supply Company, The. (See Pharis, Carl, assignor.)
Western Bottle Manufacturing Company. (See Levis, Albert C., assignor.)
Western Brick Company. (See Butterworth, Frank W., assignor.)
Western Cartridge Company. (See O'Neil, Arthur S., assignor.)
Western Cartridge Company. (See O'Neil, A. S., and Evans, assignors.)
Western Casket Hardware Company, The. (See Leland, Wesley F., assignor.)
Western Casket Hardware Company, The. (See Stewart, E. B., and Leland, assignors.)
Western Cedar Pole Preservers. (See Rawson, Myron R., assignor.)
Western Cooperage Company. (See Eastman, Watson, assignor.)
Western Electric Company. (See Adams, Arthur H., assignor.)
Western Electric Company. (See Akers, Milton K., assignor.)
Western Electric Company. (See Albert, Walter P., assignor.)
Western Electric Company. (See Allen, Louis M., assignor.)
Western Electric Company. (See Anderegg, Gustavus A., assignor.)
Western Electric Company. (See Arnold, Harold D., assignor.)
Western Electric Company. (See Beatty, William E., assignor.)
Western Electric Company. (See Bell, John H., assignor.)
Western Electric Company. (See Bellamy, Harry T., assignor.)
Western Electric Company. (See Bendernagel, William H., assignor.)
Western Electric Company. (See Blattner, David G., assignor.)
Western Electric Company. (See Boardman, Albert, assignor.)
Western Electric Company. (See Boe, H. J., and Egert, assignors.)
Western Electric Company. (See Booth, Wilfred E., assignor.)
Western Electric Company. (See Booth, William T., assignor.)
Western Electric Company. (See Booth, W. T., and Boyd, assignors.)
Western Electric Company. (See Bowman, Herman N., assignor.)
Western Electric Company. (See Burgess, Harry A., assignor.)
Western Electric Company. (See Cameron, James S., assignor.)
Western Electric Company. (See Carpenter, Warren W., assignor.)
Western Electric Company. (See Carpenter, W. W., and Hovland, assignors.)
Western Electric Company. (See Clark, Edgar H., assignor.)
Western Electric Company. (See Clausen, Henry P., assignor.)
Western Electric Company. (See Clausen, H. P., and Goodrum, assignors.)
Western Electric Company. (See Clement, L. M., and Kishpaugh, assignors.)
Western Electric Company. (See Colpitts, Edwin H., assignor.)
Western Electric Company. (See Conway, Roy D., assignor.)
Western Electric Company. (See Crandall, Irving B., assignor.)
Western Electric Company. (See Cummings, George C., assignor.)
Western Electric Company (See Curtis, Austen M., assignor.)
Western Electric Company. (See Deakin, Gerald, assignor.)
Western Electric Company. (See Dean, Reginald S., assignor.)
Western Electric Company. (See Dobbin, Henry F., assignor.)
Western Electric Company. (See Dobson, George G., assignor.)
Western Electric Company. (See Dodge, William L., assignor.)
Western Electric Company. (See Dunham, Bert G., assignor.)
Western Electric Company. (See Eaves, Augustus J., assignor.)
Western Electric Company. (See Edwards, George D., assignor.)

Alphabetical list of patentees—Continued.

Western Electric Company. (See Egerton, Henry C., assignor.)
Western Electric Company. (See Elmen, Gustaf W., assignor.)
Western Electric Company. (See Farrington, John F., assignor.)
Western Electric Company. (See Field, Joseph C., assignor.)
Western Electric Company. (See Field, J. C., and McCarthy, assignors.)
Western Electric Company. (See Fischer, Frederick C., assignor.)
Western Electric Company. (See Fletcher, Harvey, assignor.)
Western Electric Company. (See Fondiller, William, assignor.)
Western Electric Company. (See Ford, William H. D., assignor.)
Western Electric Company. (See Forsberg, Oscar F., assignor.)
Western Electric Company. (See Forsberg, O. F., and de Vignier, assignors.)
Western Electric Company. (See Gent, Edgar W., assignor.)
Western Electric Company. (See Gilson, Albert F. F., assignor.)
Western Electric Company. (See Glunt, Omer M., assignor.)
Western Electric Company. (See Goddard, Frederick M., assignor.)
Western Electric Company. (See Goodrum, Charles L., assignor.)
Western Electric Company. (See Hampton, Leon N., assignor.)
Western Electric Company. (See Hancock, Edmund W., assignor.)
Western Electric Company. (See Harlow, John B., assignor.)
Western Electric Company. (See Harris, Jonathan W., assignor.)
Western Electric Company. (See Harrison, William H., assignor.)
Western Electric Company. (See Hartley, Ralph V. L., assignor.)
Western Electric Company. (See Hearn, John F., assignor.)
Western Electric Company. (See Heck, Carl W., assignor.)
Western Electric Company. (See Heising, Raymond A., assignor.)
Western Electric Company. (See Hendrickson, Charles J., assignor.)
Western Electric Company. (See Herrmann, Raymond R., assignor.)
Western Electric Company. (See Hillhouse, John T. E., assignor.)
Western Electric Company. (See Hinrichsen, Edward E., assignor.)
Western Electric Company. (See Hocker, Carl D., assignor.)
Western Electric Company. (See Hosford, William F., assignor.)
Western Electric Company. (See Houskeeper, William G., assignor.)
Western Electric Company. (See Irvine, Frank S., assignor.)
Western Electric Company. (See Ives, Herbert E., assignor.)
Western Electric Company. (See Jackson, Bennett H., assignor.)
Western Electric Company. (See Jammer, Jacob S., assignor.)
Western Electric Company. (See Johnson, Edgar D., assignor.)
Western Electric Company. (See Johnson, Kenneth S., assignor.)
Western Electric Company. (See Juley, Joseph P., assignor.)
Western Electric Company. (See Keckler, Charles W., assignor.)
Western Electric Company. (See Keckler, C. W., and Strickler, assignors.)
Western Electric Company. (See Kelsall, George A., assignor.)
Western Electric Company. (See Kendall, Burton W., assignor.)
Western Electric Company. (See Kerr, Mark B., assignor.)
Western Electric Company. (See King, Robert W., assignor.)
Western Electric Company. (See Kishpaugh, Arthur W., assignor.)
Western Electric Company. (See Knoop, W. A., and Cioffi, assignors.)
Western Electric Company. (See Kopp, Ottmar H., assignor.)
Western Electric Company. (See Leveridge, Walter J., assignor.)
Western Electric Company. (See Loewe, Siegmund, assignor.)
Western Electric Company. (See Lucas, Francis F., assignor.)
Western Electric Company. (See Lum, George R., assignor.)
Western Electric Company. (See Lundell, Alben E., assignor.)
Western Electric Company. (See Lundell, A. E., and Clark, assignors.)
Western Electric Company. (See Lundell, A. E., and Thompson, assignors.)
Western Electric Company. (See Lundell, A.E., and Van Amstel, assignors.)
Western Electric Company (See Lundell, George A. E., assignor.)
Western Electric Company. (See MacPherson, Hugh D., assignor.)
Western Electric Company. (See Magrath, Arthur C., assignor.)
Western Electric Company. (See Martin, Harold T., assignor.)
Western Electric Company. (See Mathes, Robert C., assignor.)
Western Electric Company. (See Maxfield, Joseph P., assignor.)
Western Electric Company. (See May, David T., assignor.)
Western Electric Company. (See McBerty, Frank R., assignor.)
Western Electric Company. (See Mead, Edward D., assignor.)
Western Electric Company. (See Miller, Daniel D., assignor.)
Western Electric Company. (See Miller, Ewell B., assignor.)
Western Electric Company. (See Mills, John, assignor.)
Western Electric Company. (See Minton, John P., assignor.)
Western Electric Company. (See Moore, Charles R., assignor.)
Western Electric Company. (See Morrill, Joseph B., assignor.)
Western Electric Company. (See Mortimer, Louis A., assignor.)
Western Electric Company. (See Muller, Otto jr., assignor.)
Western Electric Company. (See Muller, O., jr., and Burchett, assignors.)
Western Electric Company. (See Muller, O., and Fischer, assignors.)
Western Electric Company. (See Murphy, Paul B., assignor.)
Western Electric Company. (See Nelson, Edward L., assignor.)
Western Electric Company. (See Nichols, Harold W., assignor.)
Western Electric Company. (See Nicolson, Alexander M., assignor.)
Western Electric Company. (See O'Neill, Henry W., assignor.)
Western Electric Company. (See Otto, Henry M., assignor.)
Western Electric Company. (See Plotner, Loyd D., assignor.)
Western Electric Company. (See Polinkowsky, Lipa, assignor.)
Western Electric Company. (See Price, Charles S, assignor.)
Western Electric Company. (See Pugh, Harry W., assignor.)
Western Electric Company. (See Radford, John B., assignor.)
Western Electric Company. (See Read, Harry S., assignor.)
Western Electric Company. (See Reddig, Charles E., assignor.)
Western Electric Company. (See Reeve, Howard T., assignor.)
Western Electric Company. (See Reynolds, John N., assignor.)
Western Electric Company. (See Riecken, William E., assignor.)
Western Electric Company. (See Robbins, Charles W., assignor.)
Western Electric Company. (See Scheuch, William A., assignor.)
Western Electric Company. (See Schumacher, Earle E., assignor.)
Western Electric Company. (See Schwerin, Paul, assignor.)
Western Electric Company. (See Scriven, Edward O., assignor.)
Western Electric Company. (See Scudder, Frederick J., assignor.)
Western Electric Company. (See Selvig, John N., assignor.)
Western Electric Company. (See Shackelton, William J., assignor.)
Western Electric Company. (See Shreeve, Herbert E., assignor.)
Western Electric Company. (See Smith, Percy C., assignor.)
Western Electric Company. (See Snook, Homer C., assignor.)

Western Electric Company. (See Speed, James B., assignor.)
Western Electric Company. (See Sprague, Clarence A., assignor.)
Western Electric Company. (See Stevenson, George H., assignor.)
Western Electric Company. (See Stokely, Ray, assignor.)
Western Electric Company. (See Stokely, Ray L., assignor.)
Western Electric Company. (See Stoller, Hugh M., assignor.)
Western Electric Company. (See Stoller, H. M., and Matthews, assignors.)
Western Electric Company. (See Strickler, Walter B., assignor.)
Western Electric Company. (See Stull, John S., assignor.)
Western Electric Company. (See Swoboda, Adolph R., assignor.)
Western Electric Company. (See Taylor, Herbert B., assignor.)
Western Electric Company. (See Thronsen, Sigurd, assignor.)
Western Electric Company. (See Thronsen, S., and Sager, assignors.)
Western Electric Company. (See Trimble, Russell F., assignor.)
Western Electric Company. (See Ulrich, Horace W., assignor.)
Western Electric Company. (See Van der Bijl, Hendrik J., assignor.)
Western Electric Company. (See Van der Vort, Charles O., assignor.)
Western Electric Company. (See Van Inwagen, Charles L., assignor.)
Western Electric Company. (See Van Rutten, Leon, assignor.)
Western Electric Company. (See Vennes, Harald J., assignor.)
Western Electric Company. (See Vischer, Alfred, jr., assignor.)
Western Electric Company. (See Waldron, Fred D., assignor.)
Western Electric Company. (See Waller, Lee R., assignor.)
Western Electric Company. (See Weinhart, Howard W., assignor.)
Western Electric Company. (See Wente, Edward C., assignor.)
Western Electric Company. (See Wescoat, Lewis C., assignor.)
Western Electric Company. (See Wheeler, Clyde H., assignor.)
Western Electric Company. (See White, Charles, assignor.)
Western Electric Company. (See White, John H., assignor.)
Western Electric Company. (See Whiting, Donald F., assignor.)
Western Electric Company. (See Williams, Samuel B., jr., assignor.)
Western Electric Company. (See Williams, S. B., jr., and Bostater, assignors.)
Western Electric Company. (See Wilson, William, assignor.)
Western Electric Company. (See Wold, Peter I., assignor.)
Western Electric Company, Incorporated. (See Beatty, William E., assignor.)
Western Electric Company Incorporated. (See Ford, William H. D., assignor.)
Western Electric Company, Incorporated. (See Heising, Raymond A., assignor.)
Western Electric Company Incorporated. (See Kern, Philip E., assignor.)
Western Electric Company Incorporated. (See Loewe, Siegmund, assignor.)
Western Electric Company Incorporated. (See Nichols, Harold W., assignor.)
Western Electric Company Incorporated. (See Wold, Peter I., assignor.)
Western Electric & Manufacturing Company. (See Bastian, Arthur J., assignor.)
Western Electric & Manufacturing Company. (See Holy, George H. F., assignor.)
Western Electrical Instrument Company. (See Goodwin, William N., jr., assignor.)
Western Envelope Corporation. (See Perry, George R., assignor.)
Western Gas Construction Company, The. (See Hayes, Fred B., assignor.)
Western Manufacturing Company. (See McMullin, Joseph B., assignor.)
Western Maryland Railway Company. (See Wieseckel, George F., assignor.)
Western Maryland Railway Company. (See Welgert, Peter A., assignor.)
Western Precipitation Company. (See Anderson, Evald, assignor.)
Western Precipitation Company. (See Cheesman, R. D., and Haff, assignors.)
Western Precipitation Company. (See Huber, Frederick W., assignor.)
Western Specialty Manufacturing Company. (See Lafever, G., and Hawley, assignors.)
Western States Machine Company, The. (See Roberts, Eugene, assignor.)
Western Tire Company. (See Carnal, William D., assignor.)
Western Tool & Manufacturing Company, The. (See Morris, Henry, assignor.)
Western Union Telegraph Company. (See Houghtaling, Walter A., assignor.)
Western Union Telegraph Company, The. (See Benjamin, George R., assignor.)
Western Union Telegraph Company, The. (See Janson, G. W., and Rovere, assignors.)
Western Union Telegraph Company The. (See Leedom, Randolph, assignor.)
Western Wheeled Scraper Company. (See Benbow, James D., assignor.)
Western Wheeled Scraper Company. (See Rhodes, Jay B., assignor.)
Westervelt, Bart, Brooklyn, N. Y. Adapter for acetylene tanks. 1,441,138; Jan. 2.
Westfield Manufacturing Company. (See Clark, George W., assignor.)
Westgard, Anna H. (See Westgard, Anton, assignor.)
Westgard, Anton, assignor of one-half to A. H. Westgard, Chicago, Ill. Saw construction. 1,458,671; June 12.
Westgate, Harry G. and L. B., Union, N. Y. Tire filler. 1,444,892; Feb. 13.
Westgate, Lizzie B. (See Westgate, Harry G. and L. B.)
Westin, Alvin E., Seattle, Wash. Expansive file tray. 1,469,347; Oct. 2.
Westinghouse Air Brake Company. (See Bartholomew, John R., assignor.)
Westinghouse Air Brake Company. (See Cloud, John W., assignor.)
Westinghouse Air Brake Company. (See Farmer, Clyde C., assignor.)
Westinghouse Air Brake Company, The. (See Fitch, Ellery R., assignor.)
Westinghouse Air Brake Company, The. (See Lane, George S., assignor.)
Westinghouse Air Brake Company, The. (See McCune, Joseph C., assignor.)
Westinghouse Air Brake Company, The. (See McWhirter, William C., assignor.)
Westinghouse Air Brake Company, The. (See Thomas, Thomas H., assignor.)
Westinghouse Air Brake Company. (See Thompson, Howard A., assignor.)
Westinghouse Air Brake Company. (See Turner, Walter V., assignor.)
Westinghouse Air Brake Company, The. (See Westinghouse, Henry H., assignor.)
Westinghouse Air Spring Company, The. (See Liebau, Richard, assignor.)
Westinghouse Electric & Manufacturing Company. (See Aalborg, Christian, assignor.)
Westinghouse Electric & Manufacturing Company. (See Alben, F. L., and Houston, assignors.)
Westinghouse Electric and Manufacturing Company. (See Alden, Bern E., assignor.)
Westinghouse Electric and Manufacturing Company. (See Allcutt, Chester T., assignor.)
Westinghouse Electric & Manufacturing Company. (See Allen, Robert C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Andersen, Niels K., assignor.)
Westinghouse Electric & Manufacturing Company. (See Austin, Bascum O., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bakken, Andrew H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Banan, Horace F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Baumann, Karl, assignor.)
Westinghouse Electric & Manufacturing Company. (See Baxter, Harold G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bennitt, William B., assignor.)
Westinghouse Electric and Manufacturing Company. (See Bethel, C., and Scott, assignors.)
Westinghouse Electric & Manufacturing Company. (See Bierman, Harry C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Boddie, Clarence A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Boddie, C. A., and Cullings, assignors.)
Westinghouse Electric & Manufacturing Company. (See Bouton, Edgar M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bouton, E. M., and Pruger, assignors.)
Westinghouse Electric & Manufacturing Company. (See Brace, Porter H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Brackett, Quincy A., assignor.)
Westinghouse Electric and Manufacturing Company. (See Bradshaw, W. M., and Boddie, assignors.)
Westinghouse Electric & Manufacturing Company. (See Breisch, Edgar H., assignor.)

Alphabetical list of patentees—Continued.

Westinghouse Electric & Manufacturing Company. (See Brown, Arthur L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Brown, James M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Burns, James A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Burr, G. A., McClain, and Frost, assignors.)
Westinghouse Electric & Manufacturing Company. (See Candee, Andrew H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Candy, Albert M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Carpenter, Cranston H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Cheetham, George A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Chubb, Lewis W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Clay, Noble S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Colby, Ora A., assignor.)
Westinghouse Electric and Manufacturing Company. (See Colby, O. A., and Reed, assignors.)
Westinghouse Electric & Manufacturing Company. (See Conrad, Frank, assignor.)
Westinghouse Electric and Manufacturing Company. (See Conrad, F., and Kinney, assignors.)
Westinghouse Electric & Manufacturing Company. (See Cook, Charles S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Cowin, Stuart H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Crouse, John L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Dann, Walter M., assignor.)
Westinghouse Electric and Manufacturing Company. (See Dann, W. M., and Fortescue, assignors.)
Westinghouse Electric & Manufacturing Company. (See Dean, John S., assignor.)
Westinghouse Electric & Manufacturing Company. (See De Camp, Ray E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Demmler, Paul E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Dickey, Daniel A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Dill, George C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Douglass, William E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Eccles, William, assignor.)
Westinghouse Electric & Manufacturing Company. (See Ehrhart, Raymond N., assignor.)
Westinghouse Electric and Manufacturing Company. (See Eschholz, Otto H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Evans, Robert D., assignor.)
Westinghouse Electric and Manufacturing Company. (See Fix, Frank, assignor.)
Westinghouse Electric and Manufacturing Company. (See Flanders, Warren B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Fortescue, Charles L., assignor.)
Westinghouse Electric and Manufacturing Company. (See Fortescue, C. L., and Hibbard, assignors.)
Westinghouse Electric & Manufacturing Company. (See Foresman, Robert A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Frederick, Louis T., assignor.)
Westinghouse Electric and Manufacturing Company. (See Gilson, Christian, assignor.)
Westinghouse Electric & Manufacturing Company. (See Golladay, Lawrence R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Gowan, S., and Miller, assignors.)
Westinghouse Electric and Manufacturing Company. (See Gysel, Max E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hall, A. J., and Mardis, assignors.)
Westinghouse Electric and Manufacturing Company. (See Hague, Floyd T., assignor.)
Westinghouse Electric and Manufacturing Company. (See Hague, F. T., and Needham, assignors.)
Westinghouse Electric & Manufacturing Company. (See Hands, Howard A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hanker, Frederick C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hansen, Klaus L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Harvey, Albert L., assignor.)
Westinghouse Electric and Manufacturing Company. (See Harvey, A. L., and Bouton, assignors.)
Westinghouse Electric & Manufacturing Company. (See Haverstick, Earl J., assignor.)
Westinghouse Electric and Manufacturing Company. (See Hayes, Stephen Q., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hellmund, Rudolf E., assignor.)
Westinghouse Electric and Manufacturing Company. (See Herr, Herbert T., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hodgkins, Charles H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hoey, Samuel C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Holy, George H. F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Houston, Harold A., assignor.)
Westinghouse Electric and Manufacturing Company. (See Huey, George W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hurtt, George W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Jablow, Charles, assignor.)
Westinghouse Electric & Manufacturing Company. (See James, Henry D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Jennings, Oliver S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Johnson, C. C., and Abtmeyer, assignors.)
Westinghouse Electric & Manufacturing Company. (See Johnson, Josiah F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Johnston, H. H., and Peabody, assignors.)
Westinghouse Electric & Manufacturing Company. (See Jolley, John E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Jones, Carl G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Jungk, Herbert G., assignor.)
Westinghouse Electric and Manufacturing Company. (See Kasley, Alexander T., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kemp, Robert, assignor.)
Westinghouse Electric & Manufacturing Company. (See Kempton, William H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kempton, Willard H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kilgour, David, assignor.)
Westinghouse Electric & Manufacturing Company. (See Kindl, Carl H., assignor.)
Westinghouse Electric & Manufacturing Company. (See King, Harvey, assignor.)
Westinghouse Electric & Manufacturing Company. (See Kinnard, Isaac F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kinney, J. Stanley, assignor.)
Westinghouse Electric & Manufacturing Company. (See Kintzing, Reese T., assignor.)
Westinghouse Electric & Manufacturing Company. (See Labberton, John M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Legg, Joseph W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Lehr, Edwin, assignor.)
Westinghouse Electric & Manufacturing Company. (See Little, George M., assignor.)
Westinghouse Electric and Manufacturing Company. (See Loudon, Warren P., assignor.)
Westinghouse Electric & Manufacturing Company. (See MacFarland, Allis M., assignor.)
Westinghouse Electric & Manufacturing Company. (See MacGahan, Paul, assignor.)
Westinghouse Electric & Manufacturing Company. (See MacMurcly, John A., assignor.)
Westinghouse Electric & Manufacturing Company. (See MacNeill, John B., assignor.)
Westinghouse Electric & Manufacturing Company. (See McGivern, James P. L., assignor.)
Westinghouse Electric & Manufacturing Company. (See McWhirter, John S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Marbury, Ralph E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Marshall, Charles H., jr., assignor.)
Westinghouse Electric & Manufacturing Company. (See Meyer, Harry R., assignor.)
Westinghouse Electric and Manufacturing Company. (See Mills, Chester B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Miner, Douglas F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Moore, Benjamin S., assignor.)
Westinghouse Electric and Manufacturing Company. (See Morgan, David W. R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Murdock, Henry D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Mylius, Walter G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Newell, George T., jr., assignor.)
Westinghouse Electric & Manufacturing Company. (See Nichols, Harold W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Nyman, Alexander, assignor.)
Westinghouse Electric & Manufacturing Company. (See Parks, Fred M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Patten, Francis H., assignor.)

Westinghouse Electric & Manufacturing Company. (See Perkins, Laurence M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Pharo, Harry A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Pilling, N. B., and Bedworth, assignors.)
Westinghouse Electric and Manufacturing Company. (See Pupin, Michael I., assignor.)
Westinghouse Electric & Manufacturing Company. (See Read, Ernest K., assignor.)
Westinghouse Electric & Manufacturing Company. (See Reid, Thomas A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Sacchi, Gustavo A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Schaacke, W., and Miller, assignors.)
Westinghouse Electric & Manufacturing Company. (See Schaake, William, assignor.)
Westinghouse Electric & Manufacturing Company. (See Scheer, George B., assignor.)
Westinghouse Electric and Manufacturing Company. (See Schmidt, Henry F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Schneeberger, Alfred, assignor.)
Westinghouse Electric & Manufacturing Company. (See Scott, Charles F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Scott, Thomas S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Seigfried, Robert, assignor.)
Westinghouse Electric & Manufacturing Company. (See Simmon, Karl A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Simmon, K. A., and Meyer, assignors.)
Westinghouse Electric & Manufacturing Company. (See Skinner, Merrill E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Slepian, Joseph, assignor.)
Westinghouse Electric & Manufacturing Company. (See Smillie, James, assignor.)
Westinghouse Electric & Manufacturing Company. (See Smith, Gerald F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Smith, Marvin W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Snyder, John E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Starker, Charles W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Stone, Earll R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Storer, Norman W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Sparks, Harry P., assignor.)
Westinghouse Electric & Manufacturing Company. (See Summers, Harry D., assignor.)
Westinghouse Electric and Manufacturing Company. (See Taliaferro, William R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Talley, Randal E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Taylor, Harold B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Thompson, Edwin B., assignor.)
Westinghouse Electric and Manufacturing Company. (See Thompson, Louis N., assignor.)
Westinghouse Electric & Manufacturing Company. (See Thornton, Frank, jr., assignor.)
Westinghouse Electric & Manufacturing Company. (See Tirrill, Allen A., assignor.)
Westinghouse Electric and Manufacturing Company. (See Trotter, Henry R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wagner, Charles F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wahlberg, Nils A., assignor.)
Westinghouse Electric and Manufacturing Company. (See Wait, Henry H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Weber, Clifford A. M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Weber, Henry C. P., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wensley, Roy J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Williams, Seldon T., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wilson, Arthur L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wortman, Otto, assignor.)
Westinghouse Electric & Manufacturing Company. (See Yensen, Trygve D., assignor.)
Westinghouse Electric Products Company. (See Fay, Carl J., assignor.)
Westinghouse Electric Products Company. (See Forshee, Frank F., assignor.)
Westinghouse Electric Products Company. (See Griffin, George B., assignor.)
Westinghouse Electric Products Company. (See Forshee, Frank F., assignor.)
Westinghouse Electric Products Company. (See Haynsworth, Julius D., assignor.)
Westinghouse Electric Products Company. (See Kreisheld, Henry, assignor.)
Westinghouse Products Company. (See Sutherland, Ernest E., assignor.)
Westinghouse Electric Products Company. (See Woodson, James C., assignor.)
Westinghouse Gear and Dynamometer Company. (See Davis, David C., assignor.)
Westinghouse Gear & Dynamometer Company, The. (See Macalpine, John H., assignor.)
Westinghouse, Henry H., New York, N. Y., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electric coupling for cars. 1,453,817; May 1.
Westinghouse Lamp Company. (See Hall, Roy D., assignor.)
Westinghouse Lamp Company. (See Hall, R. D., and Smith, assignors.)
Westinghouse Lamp Company. (See Hageman, A. M., and Kovachy, assignors.)
Westinghouse Lamp Company. (See Ingold, Frederick C., assignor.)
Westinghouse Lamp Company. (See Jones, Roy G., assignor.)
Westinghouse Lamp Company. (See Lederer, Anton, assignor.)
Westinghouse Lamp Company. (See Madden, H. D., and Higgins, assignors.)
Westinghouse Lamp Company. (See Ramage, John H., assignor.)
Westinghouse Lamp Company. (See Rentschler, Harvey C., assignor.)
Westinghouse Lamp Company. (See Shackelford, Benjamin E., assignor.)
Westinghouse Lamp Company. (See Smith, Harry H., assignor.)
Westinghouse Lamp Company. (See Snyder, Augustus E., assignor.)
Westinghouse Lamp Company. (See Weatherwax, James L., assignor.)
Westinghouse Lamp Company. (See Weeks, Paul T., assignor.)
Westinghouse Lamp Company. (See Whitmore, J. B., and Ferguson, assignors.)
Westinghouse Union Battery Company. (See Cook, Thomas R., assignor.)
Westinghouse Union Battery Company. (See Gasche, Karl W., assignor.)
Westlake, Charles T., assignor to Commonwealth Steel Company, St. Louis, Mo. Railway car brake. 1,444,018; Feb. 6.
Westlake, Charles T., assignor to Commonwealth Steel Company, St. Louis, Mo. Pilot beam. 1,452,538; Apr. 24.
Westlake, Charles T., assignor to Commonwealth Steel Company, St. Louis, Mo. Articulated car. 1,456,839; May 29.
Westland, Algot F., Brownlee, Saskatchewan, Canada. Gasoline engine. 1,442,503; Jan. 16.
Westling, Arvid M., Boston, Mass. Process and apparatus for applying transfers to convex, concave, and other articles. 1,467,595; Sept. 11.
Westman, Adolf J., Montreal, Quebec, Canada. Map-display device. 1,461,842; July 17.
Westman, Alfred D. (See Richards, J. N., and Westman.)
Westman, Almar E., assignor of one-fourth to C. H. Lea, one-fourth to G. A. Olofson, and one-fourth to C. Olofson, Fenton, Mich. Grinding machine. 1,477,158; Dec. 11.
Westman, Emil F., Tonka Bay, Minn. Piston-ring tool. 1,477,677; Dec. 18.
Westman, William H. (See Richards, J. N., and Westman.)
Westmore, Halward G., assignor to A. O. Smith Corporation, Milwaukee, Wis. Method of and apparatus for uniting the parts of vehicle frames. 1,459,456; June 19.
Westmoreland, Arvel, Truscott, Tex. Spring wheel. 1,449,077; Mar. 20.
Westmoreland Specialty Company. (See Becker, Fred C., assignor.)
Weston, A. L. (See Petersen, Frank H., assignor.)
Weston, Alfred S. (See Petersen, F. H., and Weston.)
Weston, Alonzo H., Yonkers, N. Y., assignor to American Chain Company, Inc. Guard rail. 1,451,245; Apr. 10.
Weston, Arthur H., assignor to The T. H. Symington Company, New York, N. Y. Draft rigging. 1,474,987; Nov. 20.
Weston, Arthur H., assignor to The T. H. Symington Company, New York, N. Y. Cheek plate. 1,474,988; Nov. 20.
Weston, Edward B., Dayton, Ohio. Display-rack attachment. 1,462,877; July 24.
Weston, Eugene W., Allandale, Ontario, Canada. Toy. 1,454,094; May 8.
Weston, Frederick H., Schenectady, N. Y., assignor to General Electric Company. Fuse link. 1,441,550; Jan. 9.
Weston, Leroy A., Adams, Mass. Apparatus for forming pipe joints. 1,462,077; July 17.
Weston, Milton T., New York, N. Y. Resilient wheel. 1,441,958; Jan. 9.
Weston, William S., Dallas, Tex. Anticreeper for railway rails. 1,451,637; Apr. 10.

Alphabetical list of patentees—Continued.

Weston, William S., Dallas, Tex. Anticreeper for railway rails. 1,451,638; Apr. 10.
Weston, William S., Dallas, Tex. Anti-creeper for railway rails. 1,451,898; Apr. 17.
Weston, William S., Dallas, Tex. Hydraulic clutch. 1,458,565; June 12.
Weston, William S., Columbia, S. C. Device for removing pulleys from shafts. 1,476,128; Dec. 4.
Westphal, Hans, Berlin, Germany, assignor to General Electric Company. Support for overhead wires of electric railways. 1,456,084; May 22.
Westphal, William, Los Angeles, Calif. Combined davenport and bed. 1,460,006; June 26.
Wests Gas Improvement Company, Limited. (See Wild, William, assignor.)
Westwell, Herbert R., Methuen, Mass. Adjustable bearing cap. 1,453,962; May 1.
Wethern, Charles, Eau Claire, Wis. Automobile tire-chain tightener. 1,464,553; Aug. 14.
Wetmore, Miner P., Newark, N. J., assignor to Hygrade Engineering Co. Inc. Apparatus for exhausting incan descent electric lamps and similar articles. 1,445,811; Feb. 20.
Wetmore, Miner P., Newark, N. J., assignor to Hygrade Engineering Co. Inc. Glass-blowing machine. 1,446,026; Feb. 20.
Wetmore, Miner P., Newark, N. J., assignor to Hygrade Engineering Co., Inc. Welded joint. 1,477,618; Dec. 18.
Wetmore Reamer Company. (See Johnson, E. D., and Zempel, assignors.)
Wetter, William M., assignor of one-half to L. G. Huling, Williamsport, Pa. Renewable fuse. 1,463,756; July 31.
Wettling, William F., et al. (See Heltman, Curg W., assignor.)
Wettwer, Arthur H., Rice Lake, Wis. Wrench. 1,452,668; Apr. 24.
Wetwore, Miner P., Newark, N. J. Machine for stripping insulation from electric wires. 1,477,678; Dec. 18.
Wetz, Tony H., Hazelton, Kans., and A. A. Evans, Eldorado, Okla. Staple. 1,478.932; Dec. 25.
Wetzel, Charles E. (See La Wall, H. J., and Wetzel.)
Wetzel, Charles H., Wayne, Pa. Portable structure. 1,458,866; June 12.
Wetzel, Emma A., Jamaica, N. Y. Sectional stove. 1,451,246; Apr. 10.
Wetzel, Eugene, Appleton, Wis. Fluid-tight container and closure therefor. 1,453,299; May 1.
Wetzel, Fred H., assignor to Willys Corporation, Toledo, Ohio. Focusing-lamp socket. 1,459,700; June 19.
Wetzel, Harry E. (See Lowe, Edward L., assignor.)
Wetzel Maurice S.. Spring Lake, Mich. Bomb. 1,448,891; Mar. 20.
Wetzell, Clare A., Sterling, Ill. Brush. 1,442,755; Jan. 16.
Wetzer, Rudolf, Pfronten, B., and C. Nube, Offenbach-on-the-Main, Germany. Engraving machine. 1,452,858; Apr. 24.
Wetzig, Alfred, New Effington, S. Dak. Fish-dressing tool. 1,459,007; June 19.
Weva Company Incorporated, The. (See Thum, Rudolf, assignor.)
Wexler, Benjamin, assignor to The Peelle Company, Brooklyn, N. Y. Elevator door. 1,457,566; June 5
Wexler, Benjamin, assignor to The Peelle Company, Brooklyn, N. Y. Locking mechanism for elevator doors. 1,477,737; Dec. 18.
Weyandt, Carl S., assignor to Central Electric Tool Company, Pittsburgh, Pa. Electric drive mechanism. 1,473,167; Nov. 6.
Weyandt, David H., Sidman, Pa. Automobile radiator. 1,457.202; May 29.
Weyandt, Jennie M., and M. Tafarella, Cleveland, Ohio. Artificial plant. 1,470,516; Oct. 9.
Weyel, August W., deceased, Baltimore, Md.; E. M. Weyel, administratrix. Meat hook. 1,464,160; Aug. 7.
Weyel, Eleanor M., administratrix. (See Weyel, August W.)
Weyerman, Johannes J., Rotterdam, Netherlands. Removable elevator. 1,443,405; Jan. 30.
Weyhing Bros. Manufacturing Co. (See Weyhing, Robert L., assignor.)
Weyhing, Robert L., assignor to Weyhing Bros. Manufacturing Co., Detroit, Mich. Badge or emblem. Des. 63,248; Nov. 6.
Weyland, Hermann, Elberfeld, assignor to Farbenfabriken vorm. Friedr. Bayer and Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Silicate cement. 1,450,467; Apr. 3.
Weymann, H. A., & Son, Inc. (See Weymann, Harry W., assignor.)
Weymann, Harry W., assignor to H. A. Weymann & Sons, Inc., Philadelphia, Pa. Banjo. 1,442,756; Jan. 16.
Weymer, Benjamin F., Cedar Rapids, Iowa. Gate. 1,451,247; Apr. 10.
Weymouth, Charles A. (See Shaw, J. T., Weymouth, and Pearson.)
Weymouth, Harry G., assignor to The Standard Parts Company, Cleveland, Ohio. Brake. 1,443,775; Jan. 30.
Weyrauch, Ewald W., Rochester. N. Y. Expansible coupling member. 1,461,767; July 17.
Weyrauch, Ewald W., Rochester, N. Y. Rack for talking-machine records. 1,476,865; Dec. 11.
Whalen, Edward J. (See Conley, E. J., and Whalen.)
Whalen, James W., Richmond, Ind. Automatic stop record. 1,463,235; July 31.
Whalen, Maurice D. (See Cunningham, J. L., and Whalen.)
Whaler, Herbert T., and W. A. Bryant, Miami, Fla. Laundry recorder. 1,462,952; July 24.
Whaley and Miller Company. (See Miller, Walter J. B., assignor.)
Whaley, Earl E., Tacoma, Wash. Door hanger. 1,458,015; June 5.
Whaley, William, Knoxville, Tenn. Railway art. 1,444,146; Feb. 6.
Whaley, William B. S., Malden, assignor to American Whaley Engine Company, Boston, Mass. Engine-controlling apparatus. 1,446,109; Feb. 20.
Whall, Richard A., and E. R. Bishop, Athol, Mass. Light screen for windshields. 1,454.498; May 8.
Whalley, Enoch, Willimansett, Mass. Jack. 1,472,538; Oct. 30.
Whartenby, Claude C., Upper Sandusky, Ohio. Burial-vault handle. 1,465,701; Aug. 21.
Whartenby, Frank L., Upper Sandusky, Ohio. Lock for closures of burial vaults. 1,464,458; Aug. 7.
Wharton, Astley W., Churchville, Pa. Automobile buffer. 1,457,330; June 5.
Wharton, Astley W., Churchville, Pa. Automobile buffer. 1,457,331; June 5.
Wharton, Astley W., Churchville, Pa. Automobile buffer. 1,457,332; June 5.
Wharton, Astley W., Churchville, Pa. Automobile buffer. 1,476,478; Dec. 4.
Wharton, William, Jr., & Company. (See Psilander, Charles A., assignor.)
Wharton, William, Jr., & Company. (See Angerer, Victor, assignor.)
Wharton, William H., Toronto, Ontario, Canada. Reversing valve for open-hearth and other types of regenerative furnaces. 1,466,775; Sept. 4.
Whatcom Falls Mill Company. (See Schenk, Arthur, assignor.)
Whatley, De Witt C., Lihue, Hawaii. Oil burner. 1,478,721; Dec. 25.
Whatmough, Wilfred A. (See Keith, G., and Whatmough.)
Wheat, Edwin B. (See Kreutz, Vernon C., assignor.)
Wheaton, Ezra A., Sparrows Point, Md., assignor to Bethlehem Steel Company, Bethlehem, Pa. Open-hearth furnace. 1,446,077; Feb. 20.
Wheeler, Arthur S., New York, N. Y. Variable carriage-feed mechanism for typewriters. 1,462,183; July 17.
Wheeler, Benjamin F. (See Earl, C. M., and Wheeler.)
Wheeler, Charles F., assignor to B. M. Kuhn, Bloomington, Ill. Oil burner. 1,477,794; Dec. 18.
Wheeler, Charles H., East Palestine, Ohio. Rubber tire. Des. 62,659; July 10.
Wheeler, C. H., Manufacturing Company. (See Suczek, Robert, assignor.)
Wheeler, Clyde H., Midland Park Borough, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Armature backstop. 1,459,425; June 19.
Wheeler, De Van, Roca, Nebr. Extension grate for thrashing machines. 1,466,218; Aug. 28.
Wheeler, Earl H., Windsor, Vt., assignor to The National Acme Company, Cleveland, Ohio. Recessing-tool holder. 1,449,475; Mar. 27.
Wheeler, Fannie G., Bloomington, Ill. Clothes hanger. 1,465,659; Aug. 21.
Wheeler, Frank T., assignor to The Trumbull Electric Manufacturing Co., Plainville, Conn. Electric switch. 1,466,349; Aug. 28.
Wheeler, Harriett V., Chicago, Ill. Flour sifter. 1,461,567; July 10.
Wheeler, Harvey L., Fremont, Ohio. Washing machine. 1,451,604; Apr. 10.
Wheeler, Ira R., Brockton, Mass. Anatomical articulator. 1,478,722; Dec. 25.
Wheeler, Irving, New York, N. Y. Convertible garment. 1,444,291; Feb. 6.
Wheeler, John, Chicago, Ill. Wheel-hub construction. 1,465,958; Aug. 28.
Wheeler, John L., assignor to The Measuregraph Company, St. Louis, Mo. Mounting for measuring machines and the like. 1,453,300; May 1.
Wheeler, John L., assignor to The Measuregraph Company, St. Louis, Mo. Reduction-gear drive for measuring machines. 1,458,606; June 12.
Wheeler, John L., assignor to The Measuregraph Company, St. Louis, Mo. Resetting mechanism. 1,471,434; Oct. 23.
Wheeler, John L., assignor to The Measuregraph Company, St. Louis, Mo. Fabric measuring and cost computing machine. 1.478.155; Dec. 18.
Wheeler, John S., Dunsmuir, Calif. Bending machine. 1,462,673; July 24.
Wheeler, Leonard H., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Variable venturi for suction-feed systems. 1,459,961; June 26.
Wheeler, Leonard H., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Exhaust-pressure governor for suction-feed systems. 1,459,962; June 26.

Wheeler, Leonard H., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Vacuum feed device. 1,470,704; Oct. 16.
Wheeler, Leonard H., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Vacuum feed device. 1,471,371; Oct. 23.
Wheeler, Ren, Aberdeen, S. Dak. Window-screen fastener. 1,446,364; Feb. 20.
Wheeler-Schebler Carburetor Co. (See Bessom, Earl A., assignor.)
Wheeler, Seth, Castleton, N. Y. Dispensing cabinet. 1,457,333; June 5.
Wheeler, Wellington B., assignor of one-half to F. E. Gaines, Los Angeles, Calif. Dirigible-balloon drive and control. 1,471,764; Oct. 23.
Wheeler, William I., Scottville, Ill. Power-transmission mechanism. 1,459,125; June 19.
Wheeling Mold & Foundry Co. (See Rauschenberg, Emil C., assignor.)
Wheeling Stamping Company. (See Davis, Walter T., assignor.)
Wheeling Stamping Company. (See Edwards, A. L., and McGinnis, assignors.)
Wheeling Stamping Company. (See McGinnis, John A., assignor.)
Wheeling Stamping Company. (See Paull, Archibald W., assignor.)
Wheeling Stamping Company. (See Paull, A. W., and Edwards, assignors.)
Wheeling Steel Corporation. (See Peacock, Samuel, assignor.)
Wheeling Steel & Iron Company. (See Peacock, Samuel, assignor.)
Wheelock, Edwin M., Winona, Minn. Power-operated road-grading machine. 1,453,231; Apr. 24.
Wheelock, John H., Fitzwilliam, N. H., assignor to Signal Engineering and Manufacturing Company, New York, N. Y. Sign flasher. Re15,613; May 22.
Wheelock, Warren, New York, N. Y. Figure wheeled toy. 1,447,451; Mar. 6.
Wheelwright, George W., Bloomfield, N. J., assignor to American Can Company, New York, N. Y. Moisture-proof fiber container. 1,455,979; May 22.
Wheildon, William M. (See Angier, E. H., and Wheildon.)
Wheildon, William M., Ashland, assignor to E. H. Angier, Framingham, Mass. Package. 1,452,100; Apr. 17.
Wheildon, William M., Ashland, assignor to E. H. Angier, Framingham, Mass. Delivering material from rolls. 1,456,291; May 22.
Wheildon, William M., Ashland, assignor to E. H. Angier, Framingham, Mass. Securing the ends of rolls. 1,465,786; Aug. 21.
Whelan, Michael J. (See Davenport, H. F., and Whelan.)
Wherland, Herbert L., Lamberton, Minn. Apparatus for maintaining a substantially constant level of water in tanks. 1,463,986; Aug. 7.
Wherry, John A., New Orleans, La. Record sheet or card. 1,460,776; July 3.
Wherry, John A., New Orleans, La. Collated work sheet. 1,468,094; Sept. 18.
Wherry, John A., New Orleans, La. Collated worksheets. 1,474,747; Nov. 20.
Wherry, John A., New Orleans, La., assignor to Underwood Typewriter Company, New York, N. Y. Typewriter. Re. 15,537; Feb. 13.
Wherry, John A., New Orleans, La., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,465,242; Aug. 14.
Wherry, Samuel A., Portland, Oreg. Oscillating-tooth saw. 1,445,376; Feb. 13.
Whetstine, Walter W., Portland, Oreg. Attachment for internal-combustion engines. 1,453,560; May 1.
Whewell, James, and H. I. Yoder, Holsopple, Pa. Self-coupling for mine cars. 1,454,201; May 8.
Whidden, Austin C., Los Angeles, Calif. Multiple supply valve. 1,478,688; Dec. 25.
Whidden, William L., Spreckels, Calif. Calling device. 1,468,095; Sept. 18.
Whiffen, Charles F., Randwick, near Sydney, New South Wales, Australia. Interlocking reenforcing and fastening element for concrete and like structures. 1,441,616; Jan. 9.
Whipkey, Erle. (See Ingraham, Leo L., assignor.)
Whipple, Leland B., Rochester, N. Y., assignor to Fitz-Empire Double Pivot Last Company, Auburn, Me. Dynamic balancing machine. 1,442,316; Jan. 16.
Whipple, Raymond L., D. P. Rockwell, and C. C. Featherstone, Lehi, Utah. Automatic tire-pressure gauge. 1,474,099; Nov. 13.
Whipps, Solomon S., Minneapolis, Minn. Airplane. 1,449,476; Mar. 27.
Whisler, John, Gibson, Iowa. Clutch. 1,471,226; Oct. 16.
Whisler, Ralph H., Halfway, and S. G. Baits, assignors to Essex Motors, Detroit, Mich. Starting and lighting device for internal-combustion engines. 1,468,430; Sept. 18.
Whitaker, Frank P., Rugby, England, assignor to General Electric Company. Dynamo-electric machine. 1,464,123; Aug. 7.
Whitaker-Glessner Company. (See Daut, James F., assignor.)
Whitaker-Glessner Company. (See Gibbons, Nathan A., assignor.)
Whitaker-Glessner Company. (See Holloway, W. W., and Kielberg, assignors.)
Whitaker-Glessner Company. (See Kielberg, Henry, assignor.)
Whitaker-Glessner Company. (See Ritter, Joseph, assignor.)
Whitaker, James, assignor of one-half to S. L. Assner, Boston, Mass. Fender for vehicles. 1,442,546; Jan. 16.
Whitaker, Louis P., et al. (See Kreipe, Theodore, assignor.)
Whitaker, Omar B., assignor to The Sperry Gyroscope Company, Brooklyn, N. Y. Wind-velocity and ground-speed indicator. 1,466,416; Aug. 28.
Whitaker, Richard, Bradley Beach, assignor, by mesne assignments, to Brunswick-Kroeschell Company, New Brunswick, N. J. Expansion valve. 1,462,466; July 17.
Whitaker, Richard, jr., and W. H. Snyder, assignors to Bryden-Neverslip Company, New Brunswick, N. J. Feeding mechanism. 1,462,629; July 24.
Whitaker, William A., New York, N. Y. Flotation process. 1,457,680; June 5.
Whitaker, William T., Elkins Park, Pa. Mop holder. 1,441,253; Jan. 9.
Whitall, Charles P., Longmeadow, Mass. Dial knob. 1,445,812; Feb. 20.
Whitall, James, Hillside, N. J. Building structure and tile therefor. 1,442,589; Jan. 16.
Whitall-Tatum Company. (See Howell, Wesley E., assignor.)
Whitcomb, Bryan J., St. Louis, Mo. Solid-tread pneumatic tire. 1,478,156; Dec. 18.
Whitcomb, Daniel F., and K. R. Coolidge, Los Angeles, Calif. Figure toy. 1,452,820; Apr. 24
Whitcomb, Frank, W. Lavender, and R. A. Calvert, assignors to The Frost & Wood Company, Limited, Smiths Falls, Ontario, Canada. Cultivator. 1,444,292; Feb. 6.
Whitcomb, James, Grand Island, Nebr., assignor of one-sixteenth to H. A. Hudson, one-sixteenth to R. Milo-Hudson, one-sixteenth to J. H. Hughes, one-sixteenth to O. W. Hart, one-sixteenth to H. C. Bryner, Kewanee, Ill., one-eighth to T. Upton, Anaconda, Mont., and one-sixteenth to H. H. Bobenhouse, and two-eighths to V. A. Quadar, Denver, Colo. Gas engine for airplanes. 1,466,321; Aug. 28.
Whitcomb, Russell, New York, N. Y., and F. Goertz, Newark, N. J., assignors to August Goertz & Co. Handle for detachable knife blades. 1,477,407; Dec. 11.
Whitcraft, Arthur, Bucyrus, Ohio. Dipper. 1,444,760; Feb. 6.
White, Albert E., Eau Claire, Wis. Bushing for automobile grinders. 1,456,477; May 22.
White, Almon J., San Antonio, Tex. Apparatus for separating solids from liquids. 1,457,803; June 5.
White, Alphonzo, assignor to Baxter D. Whitney & Son, Inc., Winchendon, Mass. Woodcutting machine. 1,460,874; July 3.
White, Alphonzo, assignor to Baxter D. Whitney & Son, Inc., Winchendon, Mass. Rotary gear pump. 1,460,875; July 3.
White, Alphonzo, assignor to Baxter D. Whitney & Son, Inc., Winchendon, Mass. Indicator. 1,476,385; Dec. 4.
White American Locomotive Sander Company. (See Frantz, James, assignor.)
White, Arthur J. (See Mitchell, L. E., and White.)
White, Benjamin B., assignor to Armstrong & White, Pittsburgh, Pa. Lock for switch safety boxes. 1,473,001; Nov. 6.
White, Birdora H., Chicago, Ill. Buckle or clamp. 1,444,893; Feb. 13.
White, Birdora H., Detroit, Mich. Fastener. 1,476,193; Dec. 4.
White Brass Castings Company. (See Morse, Errett L., assignor.)
White, Bruce C., New York, N. Y., assignor to Federal Electric Company, Chicago, Ill. Gearing for washing machines. 1,444,091; Feb. 6.
White, Bruce C., New York, N. Y., assignor to Federal Electric Company, Chicago, Ill. Gearing for washing machines. 1,467,214; Sept. 4.
White, Bruce C., assignor to R. Hoe & Co., New York, N. Y. Pump. 1,455,035; May 15.
White, Calvin N., Maricopa, Calif. Radiator-cap lock. 1,447,366; Mar. 6.
White, Cassius M., and A. K. Small, jr., Denton, Md. Sun curtain for autos. 1,448,683; Mar. 13.
White, Charles, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,449,644; Mar. 27.
White, Charles A., administrator. (See Ohman, John L.)
White, Charles C., Chicago, Ill. Built-in cabinet. 1,463,607; July 31.
White, Charles C., Chicago, Ill. Built-in wardrobe. 1,476,785; Dec. 11.
White, Charles C., Ocean Springs, assignor of one-third to L. Braun, Biloxi, Miss. Clamp for roofs. 1,451,639; Apr. 10.
White, Charles D., Norwich, Conn. Carrier-roll stand for spinning frames. 1,448,984; Mar. 20.
White, Charles D., Norwich, Conn. Protector for spinning rings. 1,471,934; Oct. 23.

White, Charles E., Moline, Ill. Motor-propelled vehicle. 1,446,605; Feb. 27.
White, Charles E., assignor to Deere & Company, Moline, Ill. Beet puller. 1,451,725; Apr. 17.
White, Charles E., assignor to Deere & Company, Moline, Ill. Disk cultivator. 1,456,581; May 29.
White, Charles H., assignor to Deere & Company, Moline, Ill. Tool holder for cultivators. 1,441,717; Jan. 9.
White, Charles H., assignor to Deere & Company, Moline, Ill. Marker device for planters. 1,451,669; Apr. 10.
White, Charles H., assignor to Deere & Company, Moline, Ill. Tool holder. 1,463,353; July 31.
White, Charles L., Medina, N. Y. Electric heater for shoe machinery. 1,454,875; May 15.
White, Charles S., Coupeville, Wash. Filter. 1,467,663; Sept. 11.
White, Clark C., Delhi, Iowa. Chicken-brooder coop. 1,464,459; Aug. 7.
White, Clarence J., Morris, Ill. Auxiliary foot-accelerator pedal. 1,441,765; Jan. 9.
White, Clayton O., assignor to White-Way Co., Seattle, Wash. Headlight. 1,449,568; Mar. 27.
White, Damon A., South Attleboro, assignor to Freeman-Daughaday Company, Chartley, Mass. Button. 1,445,119; Feb. 13.
White, Donald H. (See Williams, R. R., and White.)
White, Edward J., Chester, Pa. Fire-extinguishing means. 1,449,713; Mar. 27.
White, Edward N., et al., trustees. (See Eidmann, Frank L., assignor.)
White, Edward N., et al, trustees. (See Gifford, Richard T., assignor.)
White, Edward N., et al., trustees. (See Tomlinson, E., and Gifford, assignors.)
White, Elwood S., Glen Cove, N. Y. Gas-burner indicator and control. 1,443,447;; Jan. 30.
White, Everett H., St. Paul, Minn. Damper-operating device. 1,440,806; Jan. 2.
White, Florence A., administratrix. (See White, Thomas H.)
White, Francis R. (See Plehaty, Carl W., assignor.)
White, Frank C., assignor to The Wilcox & White Co., Meriden, Conn. Player piano. 1,447,498; Mar. 6.
White, Frank E., New Haven, Conn. Comb for straightening hair. 1,442,757; Jan. 16.
White, Frank M., et al. (See Brown, Henry A., assignor.)
White, Frank M., Huntington, W. Va., assignor to P. Lorillard Company. Feeder for cigar machines. 1,466,322; Aug. 28.
White, Frank M., Huntington, W. Va., assignor to P. Lorillard Company. Cigar machine. 1,466,323; Aug. 28.
White, Franklin R., assignor to The Patent Button Company, Waterbury, Conn. Button. 1,452,539; Apr. 24.
White, Franklin R., assignor to The Patent Button Company, Waterbury, Conn. Button. 1,452,540; Apr. 24.
White, Franklin R., assignor to The Patent Button Company, Waterbury, Conn. Button. 1,463,236; July 31.
White, Fred E., assignor to Central Oil & Gas Stove Company, Gardner, Mass. Heat deflector. 1,455,417; May 15.
White, Fred G., assignor to L. R. Long, Kansas City, Mo. Signboard. 1,453,536; May 1.
White, Fred G., assignor to L. R. Long, Kansas City, Mo. Signboard. 1,466,776; Sept. 4.
White, Fred R. (See Howe, W. G., and White.)
White Fuel Oil Engineering Corporation. (See Holifield, Joseph A., assignor.)
White, George D., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Producer furnace. 1,440,857; Jan. 2.
White, George E., Johannesburg, Transvaal, South Africa. Pump or pumping apparatus. 1,449,569; Mar. 27.
White, George S., Washington, D. C., assignor to G. P. Sacks, Bradley Hills, Md. Flush valve for milk-agitating tanks. 1,471,991; Oct. 23.
White, Gerald E., Lansing, Mich. Flash-light case. 1,462,674; July 24.
White, H. C., Company. (See Bried, Julien A., assignor.)
White, Harry T., Highland Park, Mich. Threading tool for automatic machines. 1,460,740; July 3.
White, Harvey T. and P. H., Brooklyn, assignors to H. Tyson White's Sons, New York, N. Y. Display box. 1,442,547; Jan. 16.
White, Henry P., Benzonia, Mich. Ladder scaffold bracket. 1,477,738; Dec. 18.
White, Herbert E., assignor to Trucson Steel Company, Youngstown, Ohio. Steel form for concrete construction. 1,461,409; July 10.
White, Herbert E., assignor to Truscon Steel Company, Youngstown, Ohio. Sand-retaining bar or plate for foundry flasks. 1,467,347; Sept. 11.
White, Howard W. and W. Lininger, Kent, Iowa. End gate. 1,453,219; Apr. 24.
White, J. H., Manufacturing Company. (See Kahns, Walter R., assignor.)
White, J. H., Manufacturing Company. (See Kahns, W. R., and Keller, assignors.)
White, J. H., Manufacturing Company. (See Villaret, Gustave E., assignor.)
White, Jess H. (See Hazlewood, William A., assignor.)
White, Jessie B., Providence, R. I. Fastener device. 1,447,636; Mar. 6.
White, John, Houston, Tex. Rail joint and splice. 1,478,081; Dec. 18.
White, John C., San Francisco, Calif. Machine for marking nuts. 1,454,661; May 8.
White, John C., Bowling Green, Ohio. Antifriction insert for leaf springs. 1,465,197; Aug. 14.
White, John F., Oakland, Calif. Protector strip. 1,444,994; Feb. 13.
White, John F., assignor to White Products Co., Chicago, Ill. Hood latch. 1,455,371; May 15.
White, John F., assignor to White Products Company, Chicago, Ill. Automobile radiator attachment. 1,462,403; July 17.
White, John F., assignor to White Products Company, Chicago, Ill. Theft-preventing device. 1,462,404; July 17.
White, John F., assignor to White Products Company, Chicago, Ill. Theft-preventing device. 1,462,405; July 17.
White, John F., assignor, by mesne assignments, to White Products Company, Chicago, Ill. Lock. 1,468,654; Sept. 25.
White, John H., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Resistance alloy. 1,445,253; Feb. 13.
White, John H., and C. A. Werner, Berkeley, Calif. Towel rack. 1,457,644; June 5.
White, John W., Buffalo, N. Y. Disk wheel. 1,473,368; Nov. 6.
White, John W., assignor to General Motors Corporation, Detroit, Mich. Pinion mounting. 1,444,293; Feb. 6.
White, John W., assignor to General Motors Corporation, Detroit, Mich. Drag link and making same. 1,462,467; July 17.
White, John W., jr., assignor to General Motors Corporation, Detroit, Mich. Motor vehicle. 1,461,715; July 10.
White, Joseph. (See Clemmens, W., and White.)
White, Joseph, deceased, Piscataway Township; M. E. White, administratrix, assignor to Hall Printing Press Company, Dunellen, N. J. Sheet-delivery mechanism. 1,465,385; Aug. 21.
White, Joseph, deceased, Middlesex; M. E. White, administratrix, assignor to Hall Printing Press Company, Dunellen, N. J. Sheet-smoothing device. 1,465,386; Aug. 21.
White, Joseph, deceased, Middlesex; M. E. White, administratrix, assignor to The Riegel Sack Company, Jersey City, N. J. Web-handling mechanism. 1,474,748; Nov. 20.
White, Joseph A., Berkeley, Calif. Concrete structure. 1,451,000; Apr. 10.
White, Joseph J. (See Trost, Adolph, assignor.)
White, Joseph R., Washington, D. C. Thermal controller for electric motors and the like. 1,447,194; Mar. 6.
White, Lester M., Perth Amboy, N. J., assignor to Perth Amboy Chemical Works, New York, N. Y. Shipping container for liquids and making same. 1,477,795; Dec. 18.
White, Lester M., and J. A. Fish, Perth Amboy, N. J., assignors to Perth Amboy Chemical Works, New York, N. Y. Package for formaldehyde solution and making same. 1,440,571; Jan. 2.
White, Lettie M., assignor to C. M. Crane, Canton, Ohio. Lunch hamper. 1,448,424; Mar. 13.
White Metal Manufacturing Company. (See Notheis, Magnus, assignor.)
White, Minnie E., administratrix. (See White, Joseph.)
White Motor Company, The. (See Goode, Gilbert C., assignor.)
White Mountain Freezer Co., The. (See Sargent, Eaton D., assignor.)
White, Nelson, Ithaca, N. Y. Money-paying device. 1,454,303; May 8.
White, Noah R., Delta, Colo. Pump coupling. 1,470,209; Oct. 9.
White, Norman H., Brookline, Mass., assignor to Auto Vacuum Freezer Company, Inc., New York, N. Y. Cover attachment. 1,470,210; Oct. 9.
White, Oliver C., Gardena, Calif. Poultry drinking fountain. 1,465,503; Aug. 21.
White, Percy H. (See White, Harvey T. and P. H.)
White, Percy H., assignor to R. Tyson White's Sons, Brooklyn, N. Y. Display device. 1,472,820; Nov. 6.
White, Phillip A., Long Island City, N. Y. Demountable split rim. 1,465,070; Aug. 14.
White Products Company. (See Covi, John B., assignor.)
White Products Company. (See White, John F., assignor.)
White, Richard W., et al. (See Ayers, Webb W., assignor.)
White, Rollin H., Cleveland Heights, assignor to The Cleveland Tractor Company, Euclid, Ohio. Track belt and unit therefor. 1,452,176; Apr. 17.
White, Rollin H., Cleveland Heights, assignor to The Cleveland Tractor Company, Euclid, Ohio. Track-belt calk. 1,456,348; May 22.
White, Rollin H., Cleveland Heights, assignor to The Cleveland Tractor Company, Euclid, Ohio. Direction-changing transmission mechanism. 1,456,349; May 22.

White, Roy. (See Weager, G., and White.)
White, S. S., Dental Manufacturing Company. (See Farnum, Leon M., assignor.)
White, S. S., Dental Manufacturing Company, The. (See Heck, George D., assignor.)
White, S. S., Dental Manufacturing Company, The. (See Porter, Will R., assignor.)
White S. S. Dental Manufacturing Company, The. (See Videon, Calvin S., assignor.)
White, Samuel, Brooklyn, N. Y. Collapsible structure. 1,456,478; May 22.
White, Samuel O., assignor to Warner Gear Company, Muncie, Ind. Clutch. 1,464,489; Aug. 7.
White, Samuel O., and A. E. Sturdivant, assignors to Warner Gear Company, Muncie, Ind. Clutch-actuating thrust bearing. 1,473,801; Nov. 13.
White Sewing Machine Company. (See Colegrove, Charles E., assignor.)
White Sewing Machine Company. (See Hillix, Foster F., assignor.)
White, Thomas H., deceased, by F. A. White, administratrix, Thornton Heath, England, assignor of one-fourth to C. G. Trosien, Pontiac, and one-fourth to E. J. Stoddard, Highland Park, Mich. Device for setting calipers. 1,465,106; Aug. 14.
White, Union B., and H. N. Lawrie, Washington, D. C. Margin indicator. 1,469,978; Oct. 9.
White, Virgil D., assignor of one-half to W. A. Woodward, Cottage Grove, Oreg. Safety butt hook. 1,473,983; Nov. 13.
White, Wade H. (See Matthews, James F., assignor.)
White Wagon Works. (See Rietz, William, assignor.)
White-Way Co. (See White, Clayton O., assignor.)
White, Wilfrid O., Waban, Mass. Compass-deviation corrector. 1,478,080; Dec. 18.
White, William C., Schenectady, N. Y., assignor to General Electric Company. Electrode structure. 1,444,438; Feb. 6.
White, William E. Chicago, Ill. Insert holder. 1,445,254; Feb. 13.
White, William E., Chicago, Ill. Form-supporting device. 1,445,255; Feb. 13.
White, William E., Chicago, Ill Support for forms. 1,445,256; Feb. 13.
White, William E., Chicago, Ill. Form support. 1,445,257; Feb. 13.
White, William E., Citronelle, Ala. Automobile fender attachment. 1,450,532; Apr. 3.
White, William E., Chicago, Ill. Insert for hangers. 1,455,036; May 15.
White, William E., Chicago, Ill. Concrete spacer. 1,457,610; June 5.
White, William E., Chicago, Ill. Hanger insert. 1,457,611; June 5.
White, William E., Chicago, Ill. Bar spacer. 1,458,960; June 19.
White, William E., Chicago, Ill. Collapsible chair for concrete bars. 1,472,107; Oct. 30.
White, William E., Chicago, Ill. Holder for concrete inserts. 1,473,268; Nov. 6.
White, William E., Chicago, Ill. Concrete form and support. 1,474,659; Nov. 20.
White, William E., Chicago, Ill. Form support. 1,474,660; Nov. 20.
White, William E., Chicago, Ill. Bar chair. 1,476,939; Dec. 11.
White, William M., Milwaukee, Wis. Oiling device. 1,455,947; May 22.
White, William P., assignor to Anchor Cap & Closure Corporation, Brooklyn, N. Y. Apparatus for indicating pressure conditions in sealed containers. 1,447,701; Mar. 6.
White, William S., Denver, Colo. Flushing valve. 1,460,996; July 3.
Whiteacre, Joseph G., Vancouver, British Columbia, Canada. Tie fastener. 1,453,648; May 1.
Whited, Samuel J. B., Shreveport, La. Signboard. 1,444,488; Feb. 6.
Whitefield, Charles, Victoria, British Columbia, Canada. Phonograph - reproducer diaphragm. 1,462,839; July 24.
Whiteford, Alexander W., et al., trustees. (See Ducas, Charles, assignor.)
Whitehair, Pleasant P., Chapman, Kans. Indoor-golf game. 1,469,130; Sept. 25.
Whitehead, Archibald C., Ipswich, England. Lamp for road vehicles and like purposes. 1,463,643; July 31.
Whitehead, Carle. (See Sanders, John, assignor.)
Whitehead & Hoag Co., The. (See Hall, Charles S., assignor.)
Whitehead & Hoag Company, The. (See Draper, Harold W., assignor.)
Whitehead & Hoag Company, The. (See Mercier, Charles W., assignor.)
Whitehead, Howard R. (See Gove, Henry H., assignor.)
Whitehead and Kales Co. (See Mainzinger, Harry O., assignor.)
Whitehead & Kales Company. (See Pitcole, Frank L, assignor.)
Whitehead, Leo S., Akron, Ohio. Attachable grip handle. 1,470,040; Oct. 9.
Whitehead, Matthew, assignor of one-half to E. Scott, Kingston-upon-Hull, England. Process and apparatus for extraction of oils from vegetable matter. 1,446,606; Feb. 27.
Whitehead, Richard, Los Angeles, Calif., assignor to Lineatime Mfg. Co., Inc., Rochester, N. Y. Projection apparatus. 1,446,999; Feb. 27.
Whitehead, Richard H., assignor to New Haven Clock Co., New Haven, Conn. Clock case. Des. 62,629; July 3.
Whitehead, Richard H., assignor to New Haven Clock Co., New Haven, Conn. Clock case. Des. 63,013; Sept. 4.
Whitehead, Richard H., assignor to New Haven Clock Co., New Haven, Conn. Clock case. Des. 63,014; Sept. 4.
Whitehead, Richard H., assignor to New Haven Clock Co., New Haven, Conn. Clock case. Des. 63,673; Dec. 25.
Whitehead, Richard H., assignor to New Haven Clock Co., New Haven, Conn. Clock case. Des. 63,674; Dec. 25.
Whitehead, Thomas, Queensbury, England. Driving apparatus for ring spinning, doubling, and twisting machinery. 1,471,674; Oct. 23.
Whitehead, Thomas C., Detroit, Mich. Tractor wheel. 1,470,901; Oct. 16.
Whitehead, Will G., Gibson City, Ill. Cleaning device for corn. 1,466,496; Aug. 28.
Whitehorn, Arthur R., Downers Grove, Ill. Direct-current-relay compensating coil. 1,469,400; Oct. 2.
Whitehouse, Arthur E., Montreal, Quebec, Canada. Machine for the manufacture of building blocks and the like. 1,460,299; June 26.
Whitehurst, William E., Midville, Ga. Window shade. 1,453,775; May 1.
Whitelaw, George P., 2d, St. Louis, Mo. Valve. 1,464,303; Aug. 7.
Whiteman, Charles E. (See Penney, H. D., Whiteman, and Russ.)
Whitenack, Daniel C., Selah, Wash. Fruit-picking receptacles. 1,458,162; June 12.
White's, H. Tyson, Sons, Brooklyn, N. Y. (See White, Percy H., assignor.)
White's, H. Tyson, Sons. (See White, Harvey T. and P. H., assignors.)
Whitesell, K. C., et al. (See Matter, Gustave O., assignor.)
Whiteside, Albert E., Guelph Township, Ontario, Canada. Combined huller, scarifier, and cleaner for clover and other such like seeds. 1,445,189; Feb. 13.
Whiteside, John W., New York, N. Y. Luggage carrier. 1,461,373; July 10.
Whiteside, Robert H., Oakland, Calif. Nut lock. 1,469,131; Sept. 25.
Whitesides, Walter L., Long Beach, Calif. Table. 1,442,019; Jan. 9.
Whitfield, Arthur J., Boston, assignor to Trimont Manufacturing Company, Roxbury, Mass. Wrench. 1,442,548; Jan. 16.
Whit-Field Map Company. (See Bloomfield, A. E., and French, assignors.)
Whitfield, Mark M., Memphis, Tenn. Compressing apparatus. 1,460,300; June 26.
Whitfield, William A., Asheville, N. C. Concrete-block machine. 1,455,317; May 15.
Whitin Machine Works. (See Helland, Sigurd H., assignor.)
Whitin Machine Works. (See Jolly, James, assignor.)
Whiting Chain Company. (See Killion, John F.)
Whiting Corporation. (See Coffey, Oscar L., assignor.)
Whiting Corporation. (See Davis, Elmer A., assignor.)
Whiting Corporation. (See Gregg, Alfred W., assignor.)
Whiting Corporation. (See Townsend, John S., assignor.)
Whiting & Davis Company. (See Berkley, Richard H., assignor.)
Whiting & Davis Company. (See Lynds, Fred H., assignor.)
Whiting & Davis Company. (See Rammel, Thomas H., assignor.)
Whiting & Davis Company. (See Rowan, Harry B., assignor.)
Whiting & Davis Company. (See Soderstrom, Oscar, assignor.)
Whiting, Donald F., assignor to Western Electric Company, Incorporated, New York, N. Y. Transmission measuring circuits and method, 1,442,455; Jan. 16.
Whiting, Donald F., assignor to Western Electric Company, Incorporated, New York, N. Y. Mounting and protecting electrical apparatus. 1,442,456; Jan. 16.
Whiting, Donald F., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,471,638; Oct. 23.
Whiting, Donald F., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,471,639; Oct. 23.
Whiting, Ernest C., Allston, Mass. Automobile seat. 1,473,945; Nov. 13.
Whiting, Jasper, Boston, Mass. Bread slicer. 1,452,474; Apr. 17.
Whiting, Jasper, Boston, and P. Wadsworth, Milton, Mass. Container. 1,469,567; Oct. 2.
Whiting, Robert R., Darien, Conn. Boat propeller. 1,477,200; Dec. 11.

Whiting, Saville, Melbourne, Victoria, Australia. Resilient suspension device for the front wheels of motor cycles. 1,455,948; May 22.
Whitlatch, Jacob G., and O. R. Williamson, Iowa Falls, Iowa. Mud drum. 1,463,277; July 31.
Whitlock, Cleveland, Brooklyn, N. Y. Warping process. 1,478,082; Dec. 18.
Whitlock Cordage Company. (See Whitlock, Herbert V., assignor.)
Whitlock, E. D., et al. (See Whitlock, Ralph G., assignor.)
Whitlock, M. H., et al. (See Whitlock, Ralph G., assignor.)
Whitlock, Herbert V., Elizabeth, assignor to Whitlock Cordage Company, Jersey City, N. J. Rope structure. 1,442,790; Jan. 16.
Whitlock, M. H., et al. (See Whitlock, Ralph G., assignor.)
Whitlock, Ralph G., Los Angeles, assignor to E. D. Whitlock and M. H. Whitlock, Los Angeles, Calif. Loose-leaf book. 1,451,451; Apr. 10.
Whitlock, Ralph G., assignor to E. D. Whitlock and M. H. Whitlock, Los Angeles, Calif. Loose-leaf book. 1,464,791; Aug. 14.
Whitman, Ralph M., New Bedford, Mass. Clasp. 1,443,156; Jan. 23.
Whitman, Robert B., Boston, Mass. Wheel tire. 1,460,187; June 26.
Whitman, Warren C., Medford Hillside, and G. E. Goodridge, Reading, assignors to Atlas Products Co. Inc., Boston, Mass. Fruit-pitting machine. 1,458,163; June 12.
Whitmarsh, Robert B., Los Angeles, Calif., assignor to The B. F. Goodrich Company, New York, N. Y. Wire-wound hose. 1,478,083; Dec. 18.
Whitmore, Alfred E., Norfolk, Va. Advertising device. 1,455,949; May 22.
Whitmore, Charles M., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Pattern chain roll for looms. 1,471,715; Oct. 23.
Whitmore, Edson G., Point Place, assignor to The Pictures Development Co., Toledo, Ohio. Motion-picture apparatus. 1,457,012; May 29.
Whitmore, Edward E., assignor to The Curtain Supply Company, Chicago, Ill. Metal shade roller. 1,470,789; Oct. 16.
Whitmore, Eugene R., U. S. Army. Vaccine and preparing same. 1,457,097; May 29.
Whitmore, James B., and J. E. Ferguson, Bloomfield, N. J., assignors to Westinghouse Lamp Company. Filament clamper. 1,464,304; Aug. 7.
Whitmore, William A., Nelsonville, Ohio. Water feed for steam boilers. 1,477,472; Dec. 11.
Whitmoyer, Walter R. (See Snodgrass, C. W., and Whitmoyer.)
Whitmoyer, Walter R., et al., trustees. (See Snodgrass, C. W., and Whitmoyer, assignors.)
Whitney, Baxter D., & Son, Inc. (See White, Alphonzo, assignor.)
Whitney, F. A., Carriage Company. (See Ambler, George B., assignor.)
Whitney, F. A., Carriage Company. (See Shaw, Harold F., assignor.)
Whitney, Gary M., Greybull, Wyo. Emptying device or emptier. 1,459,485; June 19.
Whitney, Gary M., and J. F. Fletcher, Greybull, Wyo. Automatic float valve for the separation of two immiscible liquids. 1,459,486; June 19.
Whitney, Herbert C. (See Eastman, William H., assignor.)
Whitney, Leslie D., San Francisco, Calif. Hydraulic press. 1,467,130; Sept. 4.
Whitney, Loren L., Hammond, Ind., assignor to American Steel Foundries, Chicago, Ill. Reversible fulcrum. 1,457,334; June 5.
Whitney, Lyman F., assignor to Kalmus, Comstock & Wescott, Inc., Boston, Mass. Headlight screen. 1,458,635; June 12.
Whitney Manufacturing Company, The. (See Chapman, John C., assignor.)
Whitney Metal Tool Company. (See Jensen, John, assignor.)
Whitney, Robert B. (See Vosburg, A. E., and Whitney.)
Whitney, Stephen H., assignor of one-fourth to A. A. Eddie, San Francisco, Calif. Ore separator. 1,456,165; May 22.
Whitney, Wallace P., Springfield, Ill. Spacer for paving blocks. 1,461,060; July 10.
Whitney, William A., assignor to F. Vander Bogart and H. A. Merlien, Rockford, Ill. Punch. Re15,719; Nov. 6.
Whiton, D. E., Machine Company, The. (See Lee, Henry B., asignor.)
Whitsel, William, Oskaloosa, Iowa. Ice-cream tub. 1,443,062; Jan. 23.
Whitsett, Cameron A., Chicago, Ill. Spotlamp. 1,460,777; July 3.
Whitson, Delmar A., Los Angeles, Calif. Producing sound records. 1,474,695; Nov. 20.
Whitson, Ora P., Newark, Ill. Lug shield. 1,467,215; Sept. 4.
Whitstock, Otto M., New York, N. Y. Changeable-picture device. 1,474,572; Nov. 20.
Whittaker, John, Wilpshire, R. Bradshaw and J. Briggs, deceased, Rishton, near Blackburn, M. Briggs, administratrix; said administratrix and said Bradshaw assignors to Whittaker Loom Company Limited, Preston, Lancaster County, England. Weft-replenishing mechanism for looms. 1,450,623; Apr. 3.
Whittaker, John A. (See Massoli, Curtis A., assignor.)
Whittaker Loom Company Limited. (See Whittaker J., Bradshaw, and Briggs, assignors.)
Whittaker, William, Brandon, Manitoba, Canada. Combination dumb-bell and adjustable spring grip. 1,444,819; Feb. 13.
Whittall, Albert R., Montreal, Quebec, Canada. Can-soldering machine. 1,448,099; Mar. 13.
Whittall, M. J., Associates. (See Haas, Frank A., assignor.)
Whittall, Matthew J., et al. (See Le Boeuf, Arthur W., assignor.)
Whittam, Benjamin B., Elizabeth, assignor to Babcock & Wilcox Company, Bayonne, N. J. Gauge cock. 1,473,068; Nov. 6.
Whitted, Howard F., and F. G. Schulze, Santa Paula, Calif. Automatic inflating device. 1,469,201; Sept. 25.
Whittemore, Bennie, assignor of one-half to A. C. Erickson, Albert Lea, Minn. Road drag and grader. 1,464,672; Aug. 14.
Whittemore, James, Detroit, Mich., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Method and apparatus for drawing sheet glass. 1,447,702; Mar. 6.
Whittemore, James, Detroit, Mich., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Method and apparatus for drawing and flattening sheet glass. 1,466,460; Aug. 28.
Whittemore, Wallace R., Binghamton, N. Y. Rotating server. 1,472,348; Oct. 30.
Whitten, Frank A., assignor to General Motors Corporation, Detroit, Mich. Motor vehicle. 1,441,467; Jan. 9.
Whittet, Arthur B., Washington, D. C. Equalizing device. 1,476,435; Dec. 4.
Whittier, Charles T., Jersey City, N. J., assignor to Royal Baking Powder Company, New York, N. Y. Recovery of valuable constituents from certain waste liquors. 1,442,317; Jan. 16.
Whittier, Charles T., Jersey City, N. J., assignor to Royal Baking Powder Company, New York, N. Y. Preparing dry granular calcium-acid phosphate. 1,442,318; Jan. 16.
Whittier, Earle O. (See Sherman, J. M., and Whittier.)
Whittier, John K., and R. S. Curley, assignors to Saco-Lowell Shops, Lowell, Mass. Vertical opener for cleaning cotton. 1,471,435; Oct. 23.
Whittier, Nelson P., Beverly Hills, Calif. Gasoline tank and feed-line lock. 1,461,507; July 10.
Whittimore, C. R., et al. (See Squires, Chester J., assignor.)
Whittingham, George H., trustee. (See Bohart, George S., assignor.)
Whittingham, George H., assignor to Monitor Controller Company, Baltimore, Md. Thermally-controlled switch. 1,454,022; May 1.
Whittingham, Richard A., Newark, assignor to Atlas Axle Company, Wilmington, Del. Motor-truck axle. 1,457,681; June 5.
Whittingham, Richard A., Newark, assignor to Atlas Axle Company, Wilmington, Del. Motor-truck axle. 1,457,682; June 5.
Whittingham, Richard A., Newark, assignor to Atlas Axle Company, Wilmington, Del. Truck wheel. 1,457,683; June 5.
Whittingham, Richard A., Newark, assignor to Atlas Axle Company, Wilmington, Del. Vehicle brake. 1,476,314; Dec. 4.
Whittington, Frederik G., Evanston, Ill., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Adjustable bumper. 1,441,254; Jan. 9.
Whittington, Frederik G., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Instrument mount for automobile instrument boards. Re15,534; Jan. 30.
Whittington, Frederik G., Evanston, assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Automobile bumper. 1,447,703; Mar. 6.
Whittington, Frederik G., Evanston, assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Transmission drive for motor-vehicle instruments. 1,460,521; July 3.
Whittington, Frederik G., Evanston, assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Transmission drive for speedometers. 1,460,522; July 3.
Whittington, Frederik G., Evanston, assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Transmission drive for speedometers and the like. 1,460,523; July 3.
Whittington, Frederik G., Evanston, assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Angle gear-housing adapter for flexible shafts. 1,460,524; July 3.
Whittington, Frederik G., Evanston, assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Speed-adapter joint for power-transmitting shafts. 1,462,675; July 24.

Whittington, Frederik G., Evanston, assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Steering-wheel drive for speedometers. 1,466,865; Sept. 4.
Whittington, Frederik G., Evanston, assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Power-transmitting connection and adapter. 1,466,979; Sept. 4.
Whittington, Frederik G., Evanston, assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Electric switch. 1,468,985; Sept. 25.
Whittington, Frederik G., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Thermostatic signal-operating device. 1,478,084; Dec. 18.
Whittle, Oscar L., Warrington, England. Link belting. 1,446,730; Feb. 27.
Whittle, Walter. (See Turner, John, jr., assignor.)
Whittles, George C., Lyndhurst, assignor of one-half to G. Soderstrom, Newark, N. J. Line connector and adjuster. 1,472,621; Oct. 30.
Whittlesey, Edward B., New York, N. Y., assignor to The F. W. Dodge Company. Card-sorting machine. 1,449,078; Mar. 20.
Whitton, William W., Oakland, Calif. Automobile attachment. 1,440,516; Jan. 2.
Whitton, William W., Oakland, Calif. Control mechanism for automobiles. 1,458,258; June 12.
Whitworth, Bevill W., Omaha, Nebr. Adjustable shade bracket. 1,478,779; Dec. 25.
Whyte, John, Chicago, Ill. Solenoid-controlled fuel injection and ignition valve. 1,451,384; Apr. 10.
Wiberg, Charles A., Duluth, assignor of one-fourth to J. Ekholm, West Duluth, Minn. Shutter-carrying shield. 1,445,572; Feb. 13.
Wiberg, Harold A., New York, N. Y. Record cabinet. 1,448,892; Mar. 20.
Wichita Scraper Drag Company, The. (See Winters, Edward B., assignor.)
Wichman, Frank S. (See Otis S. and Wichman.)
Wichner, Alfred G., Winner, S. Dak. Cap for fuel tanks of automobiles. 1,441,139; Jan. 2.
Wichser, Bernhard, Brooklyn, N. Y. Valve-operating device. 1,452,859; Apr. 24.
Wick, Robert, Woodridge, N. J. Brake-band-control mechanism. 1,455,372; May 15.
Wick, Sarah J., Lonerock, Oreg. Mattress. 1,457,203; May 29.
Wickberg, Godfrey, Seattle, Wash. Toothbrush. 1,469,348; Oct. 2.
Wickel, Katharina, geb. Holocek, Feucht, near Nuremberg, Germany. Manufacture of metal-coated paper. 1,465,107; Aug. 14.
Wickenden, Leonard, Flushing, N. Y. Colloidal decolorizing material and producing the same. 1,447,452; Mar. 6.
Wickersham, Elmer E., assignor to The Holt Manufacturing Company, Stockton, Calif. Chain-track support. 1,442,549; Jan. 16.
Wickersham, Elmer E., assignor to The Holt Manufacturing Company, Stockton, Calif. Tractor frame suspension. 1,442,550; Jan. 16.
Wickersham, Elmer E., assignor to The Holt Manufacturing Company, Stockton, Calif. Tractor frame suspension. 1,442,551; Jan. 16.
Wickersham, Elmer E., assignor to The Holt Manufacturing Company, Stockton, Calif. Main-frame suspension for tractors. 1,442,552; Jan. 16.
Wickersham, Elmer E., assignor to The Holt Manufacturing Company, Stockton, Calif. Tractor frame suspension. 1,450,468; Apr. 3.
Wickersham, Elmer E., assignor to The Holt Manufacturing Company, Stockton, Calif. Tractor construction. 1,450,469; Apr. 3.
Wickersham, Elmer E., assignor to The Holt Manufacturing Company, Stockton, Calif. Single-point frame suspension. 1,450,470; Apr. 3.
Wickersham, Elmer E., assignor to The Holt Manufacturing Company, Stockton, Calif. Tractor tread link. 1,450,471; Apr. 3.
Wickersham, Elmer E., assignor to The Holt Manufacturing Company, Stockton, Calif. Suspension for tractors. 1,450,472; Apr. 3.
Wickersham, Elmer E., assignor to The Holt Manufacturing Company, Stockton, Calif. Frame suspension for traction engines. 1,455,465; May 15.
Wickersham, Elmer E., assignor to The Holt Manufacturing Company, Stockton, Calif. Tractor. 1,455,466; May 15.
Wickersham, Elmer E., assignor to The Holt Manufacturing Company, Stockton, Calif. Tractor-frame suspension. 1,474,749; Nov. 20.
Wickert, Elmer H., St. Paul, Minn. Pneumatic tire. 1,451,640; Apr. 10.
Wickes Boiler Company, The. (See Baker, John F. L., assignor.)
Wickey, Andrew, East Chicago, Ind. Small hot-water tank electrically heated. 1,477,473; Dec. 11.
Wickizer, Jennie B., et al. (See Harris, Romaine R., assignor.)
Wickland, Algot A., Chicago, Ill., assignor to Campbell, Wyant & Cannon Foundry Co., Muskegon, Mich. Circular-milling machine. 1,460,525; July 3.
Wicks, John, assignor to Automatic Electric Company, Chicago, Ill. Measured-service telephone system. 1,475,612; Nov. 27.
Wicks, John, assignor to Automatic Electric Company, Chicago, Ill. Measured-service telephone system. 1,475,613; Nov. 27.
Wicks, Samuel G., Bobo, Miss. Cotton-blocking machine. 1,446,530; Feb. 27.
Wicksteed, Ralph, Kettering, England. Hack-saw machine. 1,462,779; July 24.
Wickstrom, Hans, and P. J. Shea, assignors to Norton Company, Worcester, Mass. Grinding machine for forming rolls. 1,465,538; Aug. 21.
Wickwire, James W., Wollaston, and C. E. Burns, Malden, assignors, by mesne assignments, to Edson Manufacturing Corporation, Boston, Mass. Pumping unit. 1,465,032; Aug. 14.
Wico Electric Company. (See Brown, P., and Hendrickson, assignors.)
Widas, Frank S. (See Widas, Joseph P., and F. S.)
Widas, Joseph P. and F. S., Caspian, Mich. Miner's knife. 1,458,789; June 12.
Widdowson, Tom, Nottingham, England. Circular-knitting machine. 1,464,052; Aug. 7.
Widell, Magnus E., Maywood, and A. A. Jahr, Forest Park, Ill., assignors to American Can Company, New York, N. Y. Horizontal stationary double seamer for cans. 1,452,947; Apr. 24.
Widell, Magnus E., Maywood, and A. A. Jahr, Forest Park, Ill., assignors to American Can Company, New York, N. Y. End feed for double seamers. 1,453,818; May 1.
Widell, Magnus E., Maywood, Ill., assignor to American Can Company, New York, N. Y. Safety stop for double seamers. 1,454,876; May 15.
Widell, Magnus E., Maywood, and W. A. Smith, Geneva, Ill., assignors to American Can Company, New York, N. Y. Gasket-lining machine. 1,463,915; Aug. 7.
Widerstand Aktiengesellschaft für Elektro-Wärme-Tecknik. (See Penzold, Wilhelm, assignor.)
Widescope Camera Co. (See Bingham, George W., assignor.)
Widescope Camera Co. (See Elms, John D., assignor.)
Widger, Frank V., Chicago, Ill. Continuous reversing drive. 1,471,509; Oct. 23.
Widiger, Emanuel, Hammond, Ind. Pipe-flange protector. 1,459,126; June 19.
Widmann, Eugene A., Brooklyn, N. Y., and F. D. Lewis, West Orange, N. J., assignors to Pathe Freres Phonograph Company, New York, N. Y. Combined phonograph and sound-character-exhibiting device. 1,459,426; June 19.
Widmer, Charles A. (See Mason, Arthur C., assignor.)
Widmer, Frederick A., Corsicana, Tex. Collapsible rotary well drill. 1,456,350; May 22.
Widmer, Howard G., Brooklyn, assignor to Arkell Safety Bag Company, New York, N. Y. Machine for operating on paper. 1,459,041; June 19.
Widmeyer, Charles E. (See Serrell, W. C., and Widmeyer.)
Widney Company, The. (See Conrad, Frederick A., assignor.)
Widstrand, Carl H., Lakeside, Mich. Hock for tire chains. 1,462,590; July 24.
Wiebe, Sigurd J. A., assignor to American Toyland Creators, Inc., Newark, N. J. Figure toy roundabout. 1,467,216; Sept. 4.
Wiedeman, Henry E. (See Murphy, P. W., and Wiedeman.)
Wiedemann, Carl, Breslau, Germany, assignor, by mesne assignments, to The Chemical Foundation, Inc. Acetylene producer. 1,447,195; Mar. 6.
Wiederhold, Edward C. (See Kemp, I. M., and Wiederhold.)
Wiederhold, Hermann, and C. Ehrenberg, Furstenwalde-on-the-Oder, Germany, assignor to Industrial Research Limited, London, England. Recovery of ammonia from gases containing the same. 1,459,703; June 19.
Wiederhold, Oscar, Philadelphia, Pa. Heater. 1,446,365; Feb. 20.
Wiederwax, Robert W., assignor to Geist Manufacturing Company, Atlantic City, N. J. Oil burner. 1,460,630; July 3.
Wiederwax, Robert W., assignor to Geist Manufacturing Company, Atlantic City, N. J. Burner. 1,460,631; July 3.
Wiederwax, Robert W., assignor to Geist Manufacturing Company, Atlantic City, N. J. Preheater. 1,465,797; Aug. 21.
Wiederwax, Robert W., assignor to Geist Manuufacturing Company, Atlantic City, N. J. Fuel-oil burner. 1,473,657; Nov. 13.
Wiedlich Bros. Mfg. Co., The. (See Flauder, Alfred J., assignor.)
Wiedmann, Martin H., Newark, N. J. Separable fastener and lock. 1,467,465; Sept. 11.
Wiegand, Andrew J., Baltimore, Md. Tire. 1,461,766; July 17.
Wiegand, Edwin L., Pittsburgh, Pa. Internal-combustion engine. 1,456,018; May 22.
Wiegand, Edwin L., Pittsburgh, Pa. Emplacing apparatus. 1,476,126; Dec. 4.

Wiegand, Edwin L., Pittsburgh, Pa. Heater for internal-combustion engines. 1,478,415; Dec. 25.
Wiegand, Edwin L., Pittsburgh, Pa. Electrical-heating-element winding apparatus. 1,478,465; Dec. 25.
Wiegand, William B., Montreal, Canada. Rubber footwear. 1,465,504; Aug. 21.
Wiegandt, Carl, assignor of one-half to A. Viehmann, Barmen, Germany. Label. 1,462,220; July 17.
Wiehr, John C., Marine City, Mich. Automobile signal. 1,464,460; Aug. 7.
Wiel, Eli H., assignor to Buckingham & Hecht, San Francisco, Calif. Shoe or boot. 1,462,095; July 17.
Wieland, George E. M., assignor of one-half to F. Boehmer, Baltimore, Md. Lock. 1,463,768; July 31.
Wielgolaski, Frans H. A., Christiania, Norway. Reaction turbine for water, wind, steam, etc. 1,474,571; Nov. 20.
Wiemann Company, The. (See Wiemann, William P., assignor.)
Wiemann, William P., assignor to The Wiemann Company, Pittsburgh, Pa. Magneto-electric shocking machine. 1,454,528; May 8.
Wiemer, Charles D., Los Angeles, Calif. Direction signal. Des. 62,686; July 17.
Wiener, Herman. (See Myers, Hubert A., assignor.)
Wiener, Milton M. (See Benson, M. P., and Wiener.)
Wiens, Herman P., York, Nebr. Tire tightener. 1,470,791; Oct. 16.
Wier, Harry A. and S. A., Dallas, Tex. Means for cracking hydrocarbons. 1,454,142; May 8.
Wier, Stuart A. (See Wier, Harry A. and S. A.)
Wiero, Walter S., Ravensdale, Wash. Collapsible boat. 1,448,905; Mar. 20.
Wierth, Frederick O. (See Bauer, W. J. Wierth, and Meadoff.)
Wierth, Harold C., Brooklyn, N. Y. Baking pan. 1,464,792; Aug. 14.
Wiertz, Peter H., New York, N. Y. Machine for removing and crushing rock. 1,462,096; July 17.
Wiese, Franz, Berlin, Germany. Safety razor. 1,440,924; Mar. 27.
Wieseckel, George F., Hagerstown, Md., assignor to Western Maryland Railway Company. Coal trimmer. 1,452,012; Apr. 17.
Wiesenfeld, Moses, Baltimore, Md. Artificial tree. 1,472,709; Oct. 30.
Wiesner, Joseph F., Ellis, Kans. Measuring and cutting machine. 1,476,664; Dec. 4.
Wiest, Jonas H., Elyria, Ohio. General-utility traction machine. 1,467,822; Sept. 11.
Wiford, Elza E., Sidney, Ohio. Automatic stop for phonographs. 1,477,739; Dec. 18.
Wig, Rudolph J. (See Burrows, Charles W., assignor.)
Wigand, Albert, assignor to the Firm of Carl Zeiss, Halle, Germany. Contact bowl. 1,457,804; June 5.
Wigelius, Sven G., assignor to Aktiebolaget Wigelius Motorer, Gottenborg, Sweden. Controlling means for hydraulic generators. 1,440,428; Jan. 2.
Wigelius, Sven G., and N. W. Uhr, assignors to Aktiebolaget Wigelius Motorer, Gottenborg, Sweden. Device for regulating the lift of valves. 1,440,427; Jan. 2.
Wiggin, Joseph N., East Orange, assignor to H. B. Wiggin's Sons Company, Bloomfield, N. J. Plaster and controlling the setting of plaster, an accelerator therefor, and making such accelerator. 1,460,396; July 3.
Wiggins, Clarence E., Delhi, La. Resilient wheel. 1,464,461; Aug. 7.
Wiggin's, H. B., Sons Company. (See Wiggins, Joseph N., assignor.)
Wigginton, George P., assignor to Kalamazoo Loose Leaf Binder Co., Kalamazoo, Mich. Temporary binder. 1,443,406; Jan. 30.
Wigginton, George P., assignor to Kalamazoo Loose Leaf Binder Co., Kalamazoo, Mich. Temporary binder or loose-sheet holder. 1,461,954; July 17.
Wiggler Corporation, The. (See Zeis, George J., assignor.)
Wight, Sedgwick N., Rochester, assignor to General Railway Signal Company, Gates, N. Y. Switch protection for block-signal systems. 1,476,866; Dec. 11.
Wightman, Andrew R., Malden, Mass. Combined radiator cap and relief valve for automobiles. 1,464,230; Aug. 7.
Wightman, Gordon E. (See Richter, G. A., and Wightman.)
Wightman & Hough Company. (See Hough, Herbert D., assignor.)
Wightman, Merle J., Seattle, Wash. Underfeed furnace. 1,454,697; May 8.
Wightman, Sherburne H., Birmingham, Mich., assignor, by mesne assignments, to International Concrete Corporation, Wilmington, Del. Concrete mixer. 1,455,898; May 22.
Wigle, Wilson B., Fullerton, Calif. Elevator. 1,448,100; Mar. 13.
Wigle, Wilson B., and W. Hughes, Long Beach, Calif. Centering cementing shoe. 1,460,632; July 3.
Wignall, Harry. (See Baddiley, J., Payman, and Wignall.)
Wigner, Sirenaus W., assignor of one-half to E. E. Pascoe, Phoenix, Ariz. Signal for automobiles. 1,468,684; Sept. 25.
Wigness, Cornelius R., and H. W. Sahl, Harlan, Iowa. Motor stand. 1,471,992; Oct. 23.
Wigton, George H., Eureka, and S. M. Seddon, Salt Lake City, Utah. Treating silicious ores. 1,458,016; June 5.
Wikander, Oscar R., Glen Ridge, N. J., assignor to The Skayef Ball Bearing Company, Hartford, Conn. Roller bearing. 1,447,453; Mar. 6.
Wikander, Oscar R., Glen Ridge, N. J., assignor to The Skayef Ball Bearing Company, Hartford, Conn. Roller bearing. 1,447,704; Mar. 6.
Wikander, Oscar R., Glen Ridge, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Valve. 1,464,837; Aug. 14.
Wike, Reginald E., Springfield, Ohio. Bottle-disk extractor. 1,451,853; Apr. 17.
Wikel, Henry S., and M. F. Thatcher, York, Pa. Machine for reducing stock-feed materials. 1,467,131; Sept. 4.
Wiki, Edward, Lucerne, Switzerland. Pelton-wheel turbine. 1,448,893; Mar. 20.
Wilberding, Alfred, Jacksonville, Fla. Plant protector. 1,453,963; May 1.
Wilborn, J. C., et al. (See Neil, Joseph B., assignor.)
Wilbur, Peter L., Tuckahoe, assignor to Ampyr Manufacturing Company, Inc., New York, N. Y. Supporting bracket. 1,454,662; May 8.
Wilbur, Truman D., Brocton, N. Y. Toy animal. Des. 62,159; Mar 27.
Wilburger, William, Brooklyn, N. Y. Album for disk records. 1,442,375; Jan. 16.
Wilburger, William, Brooklyn, N. Y. Envelope for disk records. 1,46,232; Feb. 20.
Wilburger, William, Brooklyn, N. Y. Binding post for loose-leaf books. 1,452,860; Apr. 24.
Wilburger, William, Brooklyn, N. Y. Album for disk records. 1,452,861; Apr. 24.
Wilburger, William, Brooklyn, N. Y. Album for disk records. 1,459,457; June 19.
Wilburger, William, Brooklyn, N. Y. Spring binder post. 1,462,925; July 24.
Wilburger, William, Brooklyn, N. Y. Envelope for disk records. 1,463,413; July 31.
Wilburger, William, Brooklyn, N. Y. Envelope for disk records. 1,464,378; Aug. 7.
Wilburn, Sylvestor. (See Allen, F. X., and Wilburn.)
Wilbuschewitsch, Mose, Zurich, Switzerland. Apparatus for continuous extraction, particularly of oil. 1,454,419; May 8.
Wilcke, Oscar, assignor to the Firm: Luftschiffbau Zeppelin Gesellschaft mit beschrankter Haftung, Friedrichshafen, Germany. Bomb-throwing device for aircraft. 1,454,990; May 15.
Wilcke, Otto C. F., and J. Kirby, jr., assignors to The Dayton Manufacturing Company, Dayton, Ohio. Shade holder. 1,470,790; Oct. 16.
Wilco Machine Company, The. (See Wilms, Hermann, assignor.)
Wilcox, Allen C., Bridgeport, Ohio. Gathering and delivering apparatus for molten glass. 1,465,886; Aug. 21.
Wilcox, Charles E., Anaheim, Calif. Oil-well pump. 1,456,166; May 22.
Wilcox, Crittenden and Company. (See Hanson, Henry, assignor.)
Wilcox, Frederick E., and J. W. Funk, Hanover, Pa. Dirigible-headlight mechanism for automobiles. 1,464,673; Aug. 14.
Wilcox, George, Riverside, assignor to California Canning Machinery Co., Los Angeles, Calif. Cooking apparatus. 1,446,955; Feb. 27.
Wilcox, George L., Escalon, Calif. Earth scraper. 1,451,062; Apr. 10.
Wilcox, Harry E., et al. (See Will, Carl H., assignor.)
Wilcox, James G., Bradley, Wis. Spindle-bolt protector. 1,471,227; Oct. 16.
Wilcox, Joseph, jr., Athol, Mass. Clock casing. 1,442,758; Jan. 16.
Wilcox, Josiah T., Westfield, N. J., assignor to The Tin Decorating Company of Baltimore, Baltimore, Md. Sifter-top-receptacle closure. 1,445,736; Feb. 20.
Wilcox, Merrill M., Saginaw, Mich. Tappet. 1,470,409; Oct. 9.
Wilcox, Merrill M., Saginaw, Mich. Tappet. 1,470,410; Oct. 9.
Wilcox, Merrill M., Saginaw, Mich. Tappet. 1,470,412; Oct. 9.
Wilcox, Merrill M., Saginaw, Mich. Making valves. 1,470,413; Oct. 9.
Wilcox, Merrill M., assignor to Wilcox Motor Parts & Manufacturing Co., Saginaw, Mich. Making poppet valves. 1,470,041; Oct. 9.
Wilcox, Merrill M., assignor to Wilcox Motor Parts & Manufacturing Co., Saginaw, Mich. Tappet. 1,470,411; Oct. 9.
Wilcox, Oliver W., Houston, Tex. Operating table. 1,442,418; Jan. 16.
Wilcox Motor & Manufacturing Co. (See Schupp, Arthur A., assignor.)
Wilcox Motor Parts & Manufacturing Co. (See Wilcox, Merrill M., assignor.)
Wilcox, Ralph D., et al. (See Will, Carl H., assignor.)
Wilcox, Richard L., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Compensating mechanism. 1,441,255; Jan. 9.

Wilcox, Richard L., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Compensating mechanism. 1,441,256; Jan. 9.
Wilcox, Richard L., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Shaving machine. 1,478,313; Dec. 18.
Wilcox, Richard L., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Trimming mechanism. 1,478,314; Dec. 18.
Wilcox, Richard L., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Header mechanism. 1,478,315; Dec. 18.
Wilcox, Richard L., and C. O. Petitjean, assignors to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Connection mechanism. 1,457,098; May 29.
Wilcox, W. W., Co. (See Klatt, Joseph, assignor.)
Wilcox & White Co., The. (See White, Frank C., assignor.)
Wilcox, William A., Tacoma, Wash. Shipping box. 1,450,273; Apr. 3.
Wild, Charles H., Baltimore, Md., assignor to Burt Machine Company, Incorporated. Case-filling machine. 1,443,157; Jan. 23.
Wild, Charles H., Baltimore, Md., assignor to Burt Machine Company, Incorporated. Can-labeling machine. 1,475,358; Nov. 27.
Wild, William, Blackpool, assignor of one-half to West's Gas Improvement Company, Limited, Manchester, England. Retort for the distillation of carbonaceous materials. 1,448,017; Mar. 13.
Wilde, Eben F., assignor to The Baer & Wilde Company, Attleboro, Mass. Cuff button. 1,450,344; Apr. 3.
Wilde, Jerome G. (See Zurborg, John H., assignor.)
Wilden, Charles M. (See Allen, C. J., and Wilden.)
Wilden, Commodore P. (See Allen, C. J., and Wilden.)
Wilder, Gardner H., assignor to The A. I. Root Company, Medina, Ohio. Wax-sheeting machine. 1,440,858; Jan. 2.
Wilder, George C., Harlan, Iowa. Testing stand for dynamo-electric machines. 1,445,923; Feb. 20.
Wilder-Pike Thermometer Co. (See Pike, Seneca M., assignor.)
Wilder, Harry E., El Paso, Tex. Tourist map and operating mechanism therefor. 1,456,662; May 29.
Wilder, Ida D., Lake City, Fla. Sanitary seat cover. 1,456,685; May 29.
Wilder, Ralph E., Bethlehem, Pa., assignor, by mesne assignments, to Bethlehem Steel Company. Truck frame. Re15,696; Oct. 9.
Wilderson, Clinton, G., assignor to The Crescent Machine Company, Leetonia, Ohio. Mortising and boring machine. 1,471,993; Oct. 23.
Wildhaber, Ernest. (See Müller, F., and Wildhaber.)
Wilding, James A. (See Hey, G., and Wilding.)
Wildman Mfg. Co. (See Howie, Kenneth, assignor.)
Wildman Mfg. Co. (See Howie, K., and Taylor, assignors.)
Wildman Rubber Company. (See Reichard, Harold D., assignor.)
Wildman Rubber Company, The. (See Wildman, William W., assignor.)
Wildman, William W., assignor to The Wildman Rubber Company, Bay City, Mich. Mode of manufacturing inner tubes. 1,463,987; Aug. 7.
Wildmer, Franz, Buschullersdorf, near Reichenberg, in Bohemia, Czechoslovakia. Silencer for firearms. 1,462,158; July 17.
Wile, Raymond S., and S. H. Gobay, New York, N. Y. Vacuum-walled container. 1,463,027; July 24.
Wile, Solomon, Rochester, N. Y. Slicing machine. 1,444,859; Feb. 13.
Wile, Solomon, Rochester, N. Y. Slicing machine. 1,444,860; Feb. 13.
Wile, Solomon, Rochester, N. Y. Slicing machine. 1,464,053; Aug. 7.
Wile, Solomon, Rochester, N. Y. Slicing machine. 1,465,702; Aug. 21.
Wile, Solomon, Rochester, N. Y. Slicing machine. 1,465,703; Aug. 21.
Wiles, Carl W. (See Brandt, F. W., and Wiles.)
Wiley, Clarence F., Taunton, assignor to Magee Furnace Company, Inc., Boston, Mass. Air-inlet control for combination coal and gas ranges. 1,459,383; June 19.
Wiley, Frank A. (See Howland, H. P., and Wiley.)
Wiley, William R., Ypsilanti, Mich. Vehicle door latch. 1,449,477; Mar. 27.
Wilford, Mearle A., River Falls, Wis. Ladder. 1,445,573; Feb. 13.
Wilh. Schaumans Tarso Aktiebolag. (See Terlinden, Richard W., assignor.)
Wilharm, Adolph J., Ashland, Wis. Dust collector. 1,459,008; June 19.
Wilhelm, Henry, Brooklyn, N. Y. Primary battery and making the same. 1,464,838; Aug. 14.
Wilhelm, Henry, Company. (See Maussner, F., and Ritter, assignor.)
Wilke, Herman P., Brawley, Calif. Piston ring. 1,467,408; Sept. 11.
Wilke, Richard H., Wisconsin Rapids, Wis. Tie plate. 1,465,324; Aug. 21.
Wilkens, Edward T. (See Bollheimer, R., and Wilkens.)
Wilkens, Gesine, administratrix. (See Wilkens, Herman L.)
Wilkens, Herman L., deceased, Ridgewood, N. J.; A. G. Wilkens, administratrix. Portable lavatory. 1,450,474; Apr. 3.
Wilkens, Jacob K., Muscatine, Iowa. Demountable rim. 1,461,592; July 10.
Wilkes, Clarence H., assignor to Lock-Edge Machine Corporation, Gloversville, N. Y. Glove. 1,474,573; Nov. 20.
Wilkes, Frederick C. D. (See Luce, G. D., and Wilkes, assignors.)
Wilkes, Frederick W., Sparkhill, Birmingham, England. Emergency handle for domestic receptacles. 1,474,696; Nov. 20.
Wilkes, Wade M., Charlotte, N. C. Compensating spring hanger and shock absorber. 1,441,766; Jan. 9.
Wilkey, Constantine A., Perth Amboy, N. J. Portable fence. 1,464,305; Aug. 7.
Wilkie, A. H. (See Marotz, Max, assignor.)
Wilkie, James B., Liverpool, and H. Neville, Purley, England. Mounting of electrodes or electric discharge points in the hulls of ships and submerged structures. 1,467,890; Sept. 11.
Wilkie, Julius C., Winona, Minn. Connecting-rod and piston aligning machine. 1,462,926; July 24.
Wilkie, Warren, assignor to Parke, Davis & Company, Detroit, Mich. Capsule-counting machine. 1,460,778; July 3.
Wilkie, William, Glasgow, Scotland. Seam-pressing machine. 1,455,692; May 15.
Wilkin, Arthur J., Los Angeles, Calif. Drip cup. 1,456,045; May 22.
Wilkins, Henry, Melville, Johannesburg, Transvaal, South Africa. Concrete block and the like. 1,448,648; Mar. 13.
Wilkins, James M., assignor to A. Mueller, trustee, Decatur, Ill. Fluid-pressure regulator. 1,460,301; June 26.
Wilkins, Jay Y., Kew Gardens, N. Y., assignor to M. Ascher Silk Corporation. Textile fabric. Des. 61,923; Feb. 6.
Wilkins, Jay Y., Kew Gardens, N. Y., assignor to M. Ascher Silk Corporation. Textile fabric. Des. 61,924; Feb. 6.
Wilkins, Jay Y., Kew Gardens, N. Y., assignor to M. Ascher Silk Corporation. Textile fabric. Des. 61,925; Feb. 6.
Wilkins, Peter O., Bliss, Okla. Stovepipe anchor and lock. 1,447,829; Mar. 6.
Wilkins, Walter, Finchley, England. Means for producing or reproducing designs, letterpress, etc. 1,441,469; Jan. 9.
Wilkinson, Albert D., Methuen, Mass. Headlight. 1,445,862; Feb. 20.
Wilkinson, Edwin H., Omaha, Nebr. Ironing table. 1,453,649; May 1.
Wilkinson, Elmer E., and S. Aronson, assignors, by mesne assignments, to The Silent Motor Corporation, Brooklyn, N. Y. Adjustable bearing for spring motors. 1,461,858; July 17.
Wilkinson, George D., Oak Park, assignor to Cribben & Sexton Company, Chicago, Ill. Gas range. 1,445,984; Feb. 20.
Wilkinson, George D., Oak Park, assignor to Cribben & Sexton Company, Chicago, Ill. Oven thermometer. 1,457,335; June 5.
Wilkinson, George D., Oak Park, assignor to Cribben & Sexton Company, Chicago, Ill. Gas burner. 1,475,465; Nov. 27.
Wilkinson, George D., Oak Park, assignor to Cribben & Sexton Company, Chicago, Ill. Gas cooking top. 1,475,466; Nov. 27.
Wilkinson, George D., and A. F. Harter, Oak Park, assignors to Cribben & Sexton Company, Chicago, Ill. Gas range. 1,445,985; Feb. 20.
Wilkinson, Henry, assignor of one-half to Platt Brothers and Company Limited, Oldham, England. Machine for opening and cleaning cotton and other fibrous materials. 1,452,133; Apr. 17.
Wilkinson, Herbert, Empress, Alberta, Canada. Whip holder. 1,461,993; July 17.
Wilkinson, James, Schenectady, N. Y., assignor to General Electric Company. Flexible coupling. 1,444,439; Feb. 6.
Wilkinson, James, Schenectady, N. Y., assignor to General Electric Company. Elastic-fluid turbine. 1,456,085; May 22.
Wilkinson, James, Lynn, Mass., assignor to General Electric Company. Elastic fluid turbine. 1,466,324; Aug. 28.
Wilkinson, James F., Savannah, Ga. Determining free-phosphoric-acid content. 1,462,840; July 24.
Wilkinson, Robert H., Ponca City, Okla. Flushing attachment for automobile radiators. 1,459,384; June 19.
Wilkinson, Leroy A., assignor to Lyon Metallic Manufacturing Company, Aurora, Ill. Locker fitting. 1,444,820; Feb. 13.
Wilkinson, Louis H., assignor to Manning, Bowman & Company, Meriden, Conn. Electric toaster. 1,476,129; Dec. 4.
Wilkinson, Nathan, Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Commutator-cooling apparatus. 1,476,940; Dec. 11.

Wilkinson, Stanley W., Waukegan, assignor, by mesne assignments, to The Creamery Package Mfg. Company, Chicago, Ill. Automatic case feeder for bottle washers, etc. 1,467,409; Sept. 11.
Wilkinson, Thomas, assignor to F. W. Van Name, Incorporated, New York, N. Y. Advertising and display device. 1,448,549; Mar. 13.
Wilkinson, Walter, Jersey City, N. J., assignor to Air Reduction Company, Inc. Compression of gases. 1,443,550; Jan. 30.
Wilkinson, Wilford W., Cleveland, Ohio. Deposit and collection receptacle. 1,447,583; Mar. 6.
Wilkison, William W., Avalon, Mo. Anchor. 1,474,458; Nov. 20.
Wilkisson, Edward L., Brooklyn, N. Y. Auto-radiator tank whistle. Des. 61,793; Jan. 9.
Wilkisson, Edward L., Brooklyn, N .Y. Audible alarm for coolers for internal-combustion motors. 1,442,457; Jan. 16.
Wilkisson, Edward L., Brooklyn, assignor of one-half to E. E. Steiniger, Long Island City, N. Y. Audible alarm for coolers for internal-combustion motors. 1,443,158; Jan. 23.
Wilks, Charles T., Clinton, Mo. Making castings of composite metals. 1,446,678; Feb. 27.
Wilks, Geoffrey L., Surbiton, London, England. Leather-finishing machine. 1,450,933; Apr. 10.
Wilkymacky, George S. (See Schnitker, Alfred, assignor.)
Will & Baumer Candle Co. (See Flannery, Martin A., assignor.)
Will & Baumer Candle Co. (See Hawley, Agnes M., assignor.)
Will, Carl H., assignor of one-third to H. E. Wilcox and one-third to R. D. Wilcox, Minneapolis, Minn. Tire adapter. 1,468,221; Sept. 18.
Will, G. A. (See McCoy, Marion M., assignor.)
Will, George B. M. (See Goodin, Edward L., assignor.)
Will, John W., San Jose, Calif. Portable pressure oiler. 1,473,269; Nov. 6.
Will, Matthew P., Richmond, Va. Attachment for motor vehicles. 1,476,665; Dec. 4.
Will, Victor R. (See Normandi, Norman L., assignor.)
Will, Victor R., Lodi, Calif. Safety device for automobiles. 1,471,016; Oct. 16.
Will, William G., Fairview, Ill. System of control for the carbureting and igniting devices of internal-combustion engines. 1,460,462; July 3.
Willamette Iron & Steel Works. (See Barnes, Brown E., assignor.)
Willamette Iron and Steel Works. (See Claypoole, Albert, assignor.)
Willard, Charles F., New York, assignor, by mesne assignments to L-W-F Engineering Company, Inc., College Point, Long Island, N. Y. Wing connection for aeroplanes. 1,441,319; Jan. 9.
Willard, Frederick A. and M. D., Jackson, Mich. Apparatus for removing abrasive disks from grinding wheels. 1,459,171; June 19.
Willard, Jay L. (See Gardner, E. L., and Willard.)
Willard, Mathew D. (See Willard, Frederick A. and M. D.)
Willard, Roscoe G., San Bernardino, Calif. Ice-making apparatus. 1,448,584; Mar. 13.
Willard Storage Battery Company. (See Norris, Paul E., assignor.)
Willard, Theodore A., East Cleveland, Ohio. Photographing apparatus. 1,467,466; Sept. 11.
Willcox, Frederick H. (See Eaton, W., and Willcox.)
Willcox, Frederick H., assignor to Freyn, Brassert & Company, Chicago, Ill. Gas bleeder. 1,473,716; Nov. 13.
Willcox & Gibbs Sewing Machine Co. (See Merritt, Arthur A., assignor.)
Willcuts, Dee B. (See Hole, Morris C., assignor.)
Wille, Frederick, assignor to The Trumbull Steel Company, Warren, Ohio. Testing machine. 1,458,259; June 12.
Wille, Fredrik, assignor to The Trumbull Steel Company, Warren, Ohio. Rolling mill. 1,477,616; Dec. 18.
Willems, Enrique G., Santiago, Chile. Concentrator. 1,464,793; Aug. 14.
Willen, Joseph, Chicago, Ill. Belt. 1,469,865; Oct. 9.
Willerton, William, Hillyard, Wash. Rotary engine. 1,463,988; Aug. 7.
Willers, George E., Lawrenceburg, Ind., assignor to A. D. Cook, Inc., Lawrenceburg, Ind. Deep well pump. 1,448,018; Mar. 13.
Willett, Alfred H., West New York, N. J., assignor to American Arch Company. Fire-box-arch construction. 1,452,948; Apr. 24.
Willett, Alfred H., West New York, N. J., assignor to American Arch Company, New York, N. Y. Fire-brick arch. 1,463,184; July 31.
Willett, Alfred H., West New York, and H. S. Martin, Ridgewood, N. J., assignors to American Arch Company, New York, N. Y. Baffle-wall brick. 1,460,188; June 26.
Willett, Benedict E., Dayton, Ohio. Display device. 1,446,233; Feb. 20.
Willett, Leon E., Detroit, Mich. Automobile steering-gear lock. 1,469,401; Oct. 2.
Willett, Lloyd F., Evansville, Ind. Tongue fastener. 1,478,416; Dec. 25.
Willett, Walter E., Syracuse, N. Y., assignor to Con-O-Lite Corporation, Cortland, N. Y. Water, fire, and germ proof composition. 1,454,780; May 8.
Willette, Charles W., Seattle, Wash. Automatic lumber trimmer. 1,454,992; May 15.
Willetts Company, The. (See Willetts, Harry G., assignor.)
Willetts, Harry G., Grafton, assignor to The Willetts Company, Pittsburgh, Pa. Glass-melting tank. 1,462,993; July 24.
Willey Company, Incorporated, The. (See Stahl, Harry E., assignor.)
Willey, Frank O., Indianapolis, Ind. Permutation lock for ignition systems. 1,449,360; Mar. 20.
Willey, Joseph L. (See Ewing, S. E. T., and Willey.)
Williams, Albert H., assignor to Ionite Storage Battery Co., Worcester, Mass. Storage battery and producing the same. 1,450,533; Apr. 3.
Williams, Albert P. (See Risser, G. P., and Williams.)
Williams, Alfred. (See Williams, Leo D. and A.)
Williams, Alfred and L. D., London, England. Thermo-telephonic receiver. 1,446,234; Feb. 20.
Williams, Allie M., Fort Smith, Ark. Stirring paddle. 1,460,007; June 26.
Williams, Alva J., assignor to Williams Oil Control Transmission Company, Tacoma, Wash. Fluid-controlled transmission. 1,456,956; May 29.
Williams, Arthur, Dorchester, Mass. Necktie and making same. 1,454,304; May 8.
Williams, Arthur, assignor to Wilmarth & Morman Company, Grand Rapids, Mich. Head adjustment for grinding machines. 1,475,614; Nov. 27.
Williams, Arthur F., assignor to Williams Patent Crusher and Pulverizer Company, St. Louis, Mo. Breaker plate for crushers. 1,440,429; Jan. 2.
Williams, Bert C., Ocean Park, Calif. Savings bank. 1,462,184; July 17.
Williams, Brice, Kokomo, Ind. Vending machine. 1,453,424; May 1.
Williams, Brice, Kokomo, Ind. Controlling means for vending machines. 1,453,425; May 1.
Williams, Celia M., Hammon, Okla. Mop. 1,469,568; Oct. 2.
Williams, Charles G. (See Phillips, Darius T., assignor.)
Williams, Charles J., and T. Skinner, Thermopolis, Wyo. Spring-forming device. 1,465,152; Aug. 14.
Williams, Charles J., jr. (See Creighton, F. M., and Williams.)
Williams, Charles R., Omaha, Nebr. Envelope. 1,473,329; Nov. 6.
Williams, Charles S., North Billerica, assignor to C. A. Persons, Worcester, Mass. Motor-cycle attachment. 1,457,241; May 29.
Williams, Clarence B., St. Petersburg, Fla. Bottle carrier. 1,474,305; Nov. 13.
Williams, Cora B., and S. F. Barker, Buffalo, N. Y. Sanitary-napkin supporter. 1,447,367; Mar. 6.
Williams, David L., Bessemer, Ala. Pipe-forming plant. 1,462,311; July 17.
Williams, Dwight O., Galion, Ohio. Shoehorn. 1,477,408; Dec. 11.
Williams, E. D., Jackson, Tenn. Cotton chopper. 1,478,933; Dec. 25.
Williams, Earl V., Kokomo, and E. C. Williams, Galveston, Ind. Oil burner. 1,442,759; Jan. 16.
Williams, Edgar R., Addington, Christchurch, New Zealand. Change-speed gear. 1,471,228; Oct. 16.
Williams, Edward H., Eureka, Calif. Combined stop and handle for bore-cleaning rods. 1,471,300; Oct. 16.
Williams, Edward J., River Edge, N. J. Method and means for laying shingles. 1,476,745; Dec. 11.
Williams, Edward J., River Edge, N. J. Assembling of shingles. 1,476,746; Dec. 11.
Williams, Edward M., Elyria, Ohio. Piston ring. 1,477,617; Dec. 18.
Williams Engineering Company Limited. (See Williams, Victor S., assignor.)
Williams, Evert C. (See Williams, Earl V., and E. C.)
Williams, Francis H. (See Benson, Elof, assignor.)
Williams, Frank, Hot Springs, S. Dak. Combined key chain and tag holder. 1,443,889; Jan. 30.
Williams, Frank, Hot Springs, S. Dak. Combined pencil sharpener and guard. 1,452,013; Apr. 17.
Williams, Frank C., assignor of one-half to E. Giles, Salt Lake City, Utah. Attachment for safety razors. 1,468,064; Sept. 18.
Williams, Frank D., Los Angeles, Calif. Printing motion pictures. 1,464,054; Aug. 7.
Williams, Frank E., assignor of one-third to A. L. Kelly and one-third to F. S. Kelly, Hayward, Calif. Garment supporter. 1,457,952; June 5.
Williams, Frank W., Chicago, Ill. Stop for the controlling levers of automobiles. 1,456,750; May 29.
Williams, Fred O., Brookline, Mass. Liquid container. 1,459,191; June 19.
Williams, Frederic S. (See Smith, W. S., and Williams.)
Williams, Frederick J., Buffalo, N. Y. Refillable fuse. 1,441,959; Jan. 9.
Williams, French B., Lufkin, Tex. Spider for cotton cleaners. 1,463,522; July 31.

Williams, George, Santa Ana, Calif. Timer. 1,470,230; Oct. 9.
Williams, George G., assignor to Fowler-Williams Company, Dallas, Tex. Blow-out boot. 1,445,465; Feb. 13.
Williams, George H., Peoria, Ill., assignor, by mesne assignments to Simmons Company, Kenosha, Wis. Bed-corner fastening. Re15,563; Mar. 13.
Williams Gold Refining Co. (See Williams, Reginald V., assignor.)
Williams, Hannah T., Seattle, Wash. Tiller lock. 1,451,452; Apr. 10.
Williams, Harry C., Fulton, Ky. Motion-picture apparatus. 1,452,101; Apr. 17.
Williams, Harry M., and J. W. Dean, deceased, Little Rock, Ark., by R. L. Dean, administratrix. Superheat locomotive. 1,443,970; Feb. 6.
Williams, Harry S., assignor to Novel Wheel Association, San Antonio, Tex. Steering wheel. 1,444,294; Feb. 6.
Williams, Harry S., Detroit, Mich. Fastener for automobile hoods. 1,462,727; July 24.
Williams, Harry W., assignor to C. F. Gardner, Dayton, Ohio. Dispensing machine. Re15,527; Jan. 9.
Williams, Harry W., assignor to C. F. Gardner, Dayton, Ohio. Dispensing apparatus for semisolid or plastic materials. 1,455,980; May 22.
Williams, Harvey D., Wallingford, Conn., assignor, by mesne assignments, to Security Trust Company, Detroit, Mich. Toothed gear. 1,469,290; Oct. 2.
Williams, Henry C., Altoona, Pa. Door stop. 1,471,299; Oct. 16.
Williams, Herbert E., Auckland, New Zealand. Concrete-block-molding machine. 1,468,065; Sept. 18.
Williams, J. B., Company, The. (See Williams, Philip K., assignor.)
Williams, J. H., & Co. (See Bufford, George W., assignor.)
Williams, James H., assignor to Remington & Sherman Company, Philadelphia, Pa. Valut-closure structure. 1,478,085; Dec. 18.
Williams, James L., New York, N. Y., assignor to The Dentists' Supply Company. Artificial denture and tooth therefor. 1,441,257; Jan. 9.
Williams, James L., New York, N. Y., assignor to The Dentists' Supply Company. Artificial tooth. 1,460,691; July 3.
Williams, Jesse A., Baltimore, Md. Ironing board. 1,450,766; Apr. 3.
Williams, Jesse J., Utica, N. Y. Wire frame. Re15,635; June 26.
Williams, Jesse M. (See Bubb, Lewis W., assignor.)
Williams, Joe C., Ferda, Ark. Breast drill. 1,476,386; Dec. 4.
Williams, John D., J. R. Bolton, Sulphur Springs, and F. L. Struve, Greenville, Tex. Lemon and lime squeezer. 1,457,478; June 5.
Williams, John H. (See Rudall, R. J., Brown, and Williams.)
Williams, John M., Henryetta, Okla. Electrolytic cell. 1,467,217; Sept. 4.
Williams, John M., jr., Greenwich, Conn. Aircraft-wheel housing. 1,446,531; Feb. 27.
Williams, John R., Miami, Ariz. Automobile seat warmer and cooler. 1,475,912; Nov. 27.
Williams, John T., Los Angeles, Calif. Stile-horning machine. 1,476,666; Dec. 4.
Williams, Joseph A., Cleveland, Ohio. Making iron, steel, or steel alloys. 1,453,057; Apr. 24.
Williams, Joseph C., Cleveland, Ohio. Ripsaw sticker head. 1,450,659; Apr. 3.
Williams, Joseph G., New York, N. Y., assignor of one-fourth to G. T. Keen and one-fourth to C. Burton, both of New York, N. Y. Double-faced changeable-letter sign. 1,460,302; June 26.
Williams, Keith, Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Gauge. 1,447,454; Mar. 6.
Williams, Keith, Chicago, Ill., assignor to W. H. Miner, Chazy, N. Y. Jig for grinding purposes. 1,453,737; May 1.
Williams, Leo D. (See Williams, Alfred and L. D.)
Williams, Leo D. and A., London, England. Determining the composition of gases. 1,459,127; June 19.
Williams, Leslie E., Wichita Falls, assignor of one-half to C. Allday, Petrolia, Tex. Changeable-letter sign. 1,465,198; Aug. 14.
Williams, Lewis G., Corsyrhelig, Godrergraig, Wales. Pneumatic tire for vehicles. 1,457,412; June 5.
Williams, Lois M., Fort Thomas, Ky., assignor to Elgin National Watch Company, Elgin, Ill. Timepiece hand. Des. 63,210; Oct. 30.
Williams, Lois M., Fort Thomas, Ky., assignor to Elgin National Watch Company, Elgin, Ill. Timepiece hand. Des. 63,211; Oct. 30.
Williams, Lucas B., Hattiesburg, Miss. Fireplace construction. 1,470,793; Oct. 16.
Williams, Lynn A., et al., trustees. (See Chandler, Milford G., assignor.)
Williams, Lynn A., et al., trustees. (See Stephenson, Leigh J., assignor.)
Williams Manufacturing Company. (See Williams, Ralph E., assignor.)
Williams Mfg. Co., The. (See Williams, William G., assignor.)
Williams, Michael G. and A. Robechaud, Milwaukee, Wis Clutch and brake lock. 1,442,203; Jan. 16.
Williams, Milton F., assignor of forty-nine one-hundredths to H. M. Plaisted, St. Louis, Mo. Cross-grooved pulley. 1,,443,514; Jan. 30.
Williams, Miriam S. F., and J. K. E. Diffenderffer, Baltimore, Md.; said Diffenderffer assignor to said Williams. Parking device for automobiles. 1,473,369; Nov. 6.
Williams, Morgan, Ogmore Vale, near Bridgend, Wales. Pit-cage arrester. 1,475,668; Nov. 27.
Williams Motors Inc. (See Shaw, Louis E., assignor.)
Williams Oil Control Transmission Company. (See Williams, Alva J., assignor.)
Williams, Ora W., Minneapolis, Minn. Grain separator. 1,455,693; May 15.
Williams, Ora W., Minneapolis, Minn. Grain separator. 1,460,463; July 3.
Williams, Oscar, Kansas City, Mo. Combination bag turner and counter. 1,465,199; Aug. 14.
Williams Patent Crusher & Pulverizer Company. (See Davidson, William M., assignor.)
Williams Patent Crusher & Pulverizer Company. (See Plaisted, Harold M., assignor.)
Williams Patent Crusher and Pulverizer Company. (See Williams, Arthur F., assignor.)
Williams, Patrick J. (See Richmond, Everett B., assignor.)
Williams, Paul G., et al. (See Marsh, Gerald, assignor.)
Williams, Percy J., San Francisco, Calif. Accelerator. 1,464,858; Aug. 14.
Williams, Percy Q., Cincinnati, and L. D. Soubier, assignors to The Owens Bottle Company, Toledo, Ohio. Ware-distributing mechanism. 1,462,078; July 17.
Williams, Peter K., Columbus, Ohio. Belt buckle. 1,468,769; Sept. 25.
Williams, Philip K., assignor to The J. B. Williams Company, Glastonbury, Conn. Toilet-powder receptacle. Des. 63,015; Sept. 4.
Williams, Phillip H., Fresno, Calif. Bladder-neck inserter. 1,442,376; Jan. 16.
Williams, Phillip H., Fresno, Calif. Ball compressor. 1,457,866; June 5.
Williams, Ralph E., Los Angeles, Calif. Spotlamp. 1,457,645; June 5.
Williams, Ralph E., Santa Ana, Calif., assignor to Williams Manufacturing Company. Spotlight bracket. 1,461,955; July 17.
Williams, Ralph E., and H. H. Moreton, Los Angeles, Calif. Electrical connector. 1,445,924; Feb. 20.
Williams, Reginald V., assignor to Williams Gold Refining Co., Buffalo, N. Y. Lingual bar. 1,457,867; June 5.
Williams, Remsen T., Great Neck, N. Y. Putty. 1,476,127; Dec. 4.
Williams, Robert L. (See Fessenden, R. A., Williams, and Wood.)
Williams, Robert L., Newton, Mass., assignor to Submarine Signal Company, Portland, Me. Selective receiver. 1,453,612; May 1.
Williams, Robert R., Chicago, Ill., and H. L. J. Haller, Cincinnati, Ohio, assignors, by mesne assignments, to S. B. Hunt, trustee, Mount Kisco, N. Y. Apparatus for producing ketones. 1,450,569; Apr. 3.
Williams, Robert R., Chicago, Ill., and D. H. White, Berlin, N. H., assignors, by mesne assignments, to S. B. Hunt, trustee, Mount Kisco, N. Y. Manufacture of ketones. 1,460,876; July 3.
Williams, Roy O., Columbus, Ohio. Cable connector. 1,466,735; Sept. 4.
Williams, Samuel, Elk City, Okla. Fruit-drying apparatus. 1,449,714; Mar. 27.
Williams, Samuel B., jr., Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,466,155; Aug. 28.
Williams, Samuel B., jr., Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,471,017; Oct. 16.
Williams, Samuel B., jr., Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,471,018; Oct. 16.
Williams, Samuel B., jr., Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,478,086; Dec. 18.
Williams, Samuel B., jr., Brooklyn, N. Y., and H. L. Bostater, West New York, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Testing system. 1,445,258; Feb. 13.
Williams Sealing Corporation, The. (See Hey, E. A., Le Pere, and Webber, assignors.)
Williams, Seldon T., Philadelphia, Pa. Model or toy airplane. 1,446,110; Feb. 20.
Williams, Seldon T., Philadelphia, Pa. Tool. 1,458,961; June 19.
Williams, Seldon T., Philadelphia, Pa., assignor to Westinghouse Electric & Manufacturing Company. Fairlead or guide for the control cables of aircraft. 1,453,426; May 1.
Williams, Spencer B., Petersburg, Va. Dumping basket. 1,447,196; Mar. 6.
Williams, Spencer B., Petersburg, Va. Plow. 1,449,963; Mar. 27.
Williams, Thomas. (See Sutton, M., and Williams.)

Alphabetical list of patentees—Continued.

Williams, Thomas H., assignor to The Adamson Machine Company, Akron, Ohio. Rimming press. 1,466,079; Aug. 28.
Williams, Victor S., assignor of one-half to Williams Engineering Company Limited, London, England. Type-casting machine. 1,468,850; Sept. 25.
Williams, Walter C. (See Kashmere, J. C., and Roberts, assignors.)
Williams, Walter J., Binghamton, N. Y. Interlocking fire brick for arches. 1,452,583; Apr. 24.
Williams, Walter W., Bloomington, Ill. Liquid-fuel-atomizing device. 1,451,798; Apr. 17.
Williams, White & Co. (See Eynon, Thomas, assignor.)
Williams, William A., Columbus, Ohio. Elevator-door latch. 1,454,095; May 8.
Williams, William A., assignor to The North British Rubber Company Limited, Edinburgh, Scotland. Rubber paving and flooring block or slab. 1,465,033; Aug. 14.
Williams, William C., Locust Grove, Ga. Advertising device. 1,449,207; Mar. 20.
Williams, William E., Chicago, Ill. Fixed and demountable rim construction for automobile wheels. 1,441,768; Jan. 9.
Williams, William E., Chicago, Ill. Disk vehicle wheel. 1,441,769; Jan. 9.
Williams, William E., Chicago, Ill. Poppet-valve head. 1,449,876; Mar. 27.
Williams, William E., Chicago, Ill. Corrugated-plate wheel. 1,451,354; Apr. 10.
Williams, William E., Chicago, Ill. Steel wheel for automobiles. 1,452,772; Apr. 24.
Williams, William E., Chicago, Ill. Demountable-rim fastening. 1,467,410; Sept. 11.
Williams, William E., Wilmette, Ill. Concave disk wheel. 1,441,770; Jan. 9.
Williams, William E., Wilmette, Ill. Disk demountable wheel for automobiles. 1,441,771; Jan. 9.
Williams, William E., Wilmette, Ill. Running-board-supporting bracket or saddle for the roofs of box cars. 1,467,743; Sept. 11.
Williams, William E., Wilmette, Ill. Automobile bumper. 1,473,689; Nov. 13.
Williams, William E., Holywell, Wales. Mold for casting brake blocks and the like. 1,470,307; Oct. 9.
Williams, William E., Chicago, Ill., assignor to The Firestone Tire and Rubber Company, Akron, Ohio. Machine for making automobile tire-casing carcasses. 1,441,767; Jan. 9.
Williams, William E., Wilmette, assignor to American Foundries, Chicago, Ill. Metal disc wheel. 1,476,130; Dec. 4.
Williams, William G., assignor to The Williams Mfg. Co., Inc., Elgin, Ill. Chiropractic table. 1,448,477; Mar. 13.
Williams, Winfield, assignor to Patterson-Williams Mfg. Co., San Jose, Calif. Exercising apparatus. 1,453,035; Apr. 24.
Williams, Winfield, assignor to Patterson-Williams Mfg. Co., San Jose, Calif. Amusement device. 1,454,991; May 15.
Williamson, Bartlett R., San Francisco, Calif. Knockdown basket. 1,470,792; Oct. 16.
Williamson, Charles W., North Grafton, Mass. Fountain pen. 1,449,799; Mar. 27.
Williamson, Clarence H., Altoona, Pa. Truck side frame. 1,474,306; Nov. 13.
Williamson, Clarence H., Bellwood, Pa. Truck side frame. 1,474,307; Nov. 13.
Williamson Deburring Co. Limited. (See Perks, W., Turner, and Williamson, assignors.)
Williamson, Felix D. (See Williamson, James C., and F. D.)
Williamson, George W., Indianapolis, Ind. Jack. 1,462,878; July 24.
Williamson, Harley J. (See Carithers, J. V., and Williamson.)
Williamson Heater Company, The. (See De Camp, Ellis O., assignor.)
Williamson, Herbert E., San Francisco, Calif. Driving mechanism for washing machines. 1,475,913; Nov. 27.
Williamson, J. H., et al. (See Kirkpatrick, Monroe C., assignor.)
Williamson, James, assignor to R. Williamson & Company, Chicago, Ill. Lighting fixture. Des. 62,512; June 12.
Williamson, James, assignor to R. Williamson & Company, Chicago, Ill. Lighting fixture. Des. 62,514; June 12.
Williamson, James, assignor to R. Williamson & Company, Chicago, Ill. Lighting fixture. Des. 62,765; July 24.
Williamson, James C., and F. D., Cordele, Ga. Cable take-up. 1,443,666; Jan. 30.
Williamson, John. (See Perks, W., Turner, and Williamson.)
Williamson, John W. R., Westerton, Scotland, Sluice or gate valve. 1,444,576; Feb. 6.
Williamson, Oscar G. (See Whitlatch, J. G., and Williamson.)
Williamson, R., & Company. (See Ludwig, George, assignor.)
Williamson, R., & Company. (See Williamson, James, assignor.)
Willison, Ralph A., and C. N. Esberg, Portland, Oreg. Change-sign device. 1,463,108; July 24.
Williamson, Robert B., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Magnet and dynamo-electric-machine structure. 1,458,120; June 5.
Williamson, Robert B., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Lubricating apparatus. 1,460,353; June 26.
Williamson, Robert L., Erwin, Tenn. Tumbler padlock. 1,442,378; Jan. 16.
Williamson, Romeo L., Columbus, Ohio. Lubricating attachment for vehicle springs. 1,464,688; Aug. 14.
Williamson, Roy H., Spooner, Wis. Toy gun. 1,452,902; Apr. 24.
Williamson, Samson, Seattle, Wash. Sign-exhibiting apparatus. 1,446,731; Feb. 27.
Williamson, Samuel J. (See Challis, H. D., and Williamson.)
Williamson, Sydney W., and E. Disher, Cincinnati, Ohio. Desk. Des. 63,346; Nov. 20.
Williamson, William R., Thayer, Mo. Electric stove. 1,459,868; June 26.
Willie, Walter O. (See Dearholt, John H., assignor.)
Williford, James D., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Tire-retreading device. 1,445,428; Feb. 13.
Willing, Isidor, Milwaukee, Wis. Combination display stand. 1,475,669; Nov. 27.
Willingham, Charles F., Dallas, Tex. Automatic overflow alarm. 1,470,902; Oct. 16.
Willingham, Robert O., jr., et al. (See Webb, Aubrey B., assignor.)
Willink, Alexander H. J. T. (See Heylman, F. C., and Willink.)
Willink, Alexander H. J. T., Martinez, Calif. Filing system. 1,468,613; Sept. 18.
Williome, Eugene, St. Louis, Mo. Square. 1,446,679; Feb. 27.
Willis, Bernard D. (See Martin, T. G., and Willis.)
Willis, Bernard D., assignor to Automatic Electric Company, Chicago, Ill. Semiautomatic telephone system. 1,455,951; May 22.
Willis, Carl S., Bellingham, Wash. Rock pulverizer. 1,460,008; June 26.
Willis, Charles L., Richmond, Ind. Automatic weather and carpet strip. 1,445,986; Feb. 20.
Willis, George H., Detroit, Mich. Conveyer. 1,475,099; Nov. 20.
Willis, George M., assignor to Pines Manufacturing Company, Chicago, Ill. Radiator shutter control. 1,471,510; Oct. 23.
Willis, Grover C., assignor to Willis-Warner Manufacturing Company, Kansas City, Mo. Motor protector. 1,456,663; May 29.
Willis, Leland, and O. F. Woodworth, Grenloch, N. J., assignors to Bateman and Companies Incorporated, Wilmington, Del. Dusting machine. 1,444,648; Feb. 6.
Willis, Leland, and O. F. Woodworth, Grenloch, N. J., assignors to Bateman and Companies, Incorporated, Wilmington, Del. Spray bar. 1,470,246; Oct. 9.
Willis, Oscar D., Huntington, W. Va. Door latch. 1,459,701; June 19.
Willis, Richard G., Marion, Ala. Door latch. 1,446,078; Feb. 20.
Willis, Richard M. (See Mathews, P. L., and Willis.)
Willis-Warner Manufacturing Company. (See Willis, Grover C., assignor.)
Willis, Warren E., assignor to E. I. Franklin & Co., North Attleboro, Mass. Box-link chain. 1,452,058; Apr. 17.
Willison, Walter W., Brooklyn, assignor to Thermokept Products Corporation, New York, N. Y. Preparing and preserving coconut meats and product obtained thereby. 1,444,408; Feb. 6.
Williston, Belvin T., Somerville, Mass., assignor to Manning, Maxwell & Moore, Inc., New York, N. Y. Check valve. 1,471,229; Oct. 16.
Willkie, Herman F., Baltimore, Md., assignor to U. S. Industrial Alcohol Co. Solvent composition. 1,449,156; Mar. 20.
Willkie, Herman F., Baltimore, Md., assignor to U. S. Industrial Alcohol Co. Enameling composition. 1,449,157; Mar. 20.
Willkie, Herman F., Baltimore, Md., assignor to U. S. Industrial Alcohol Co. Recovering glycerin. 1,474,750; Nov. 20.
Willkie, Herman F., Baltimore, Md., assignor to U. S. Industrial Alcohol Co. Manufacturing alkyl esters. 1,478,498; Dec. 25.
Willman, Allie, assignor of one-half to P. J. Torello, New Haven, Conn. Intake lock. 1,458,373; June 12.
Willman, Irvin F., Muleshoe, Tex. Windmill. 1,455,950; May 22.
Willmott, Charles, Woburn Sands, England. Golf club. 1,444,409; Feb. 6.
Willmott, Herbert J., assignor to Peter Gray & Sons Inc., Cambridge, Mass. Cooler for liquids. 1,466,388; Aug. 28.
Willoughby, Victor, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Draft and buffing mechanism. 1,452,541; Apr. 24.
Willoughby, Victor R., Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Cam sheave for brakes. 1,470,414; Oct. 9.

Willoughby, Victor R., Ridgewood, N. J., assignor to American and Foundry Company, New York, N. Y. Car construction. 1,470,415; Oct. 9.
Willringhaus, Gustav, Newark, N. J., assignor to The R. Neumann Hardware Co. Trunk catch or fastener. 1,478,499; Dec. 25.
Willringhaus, Gustav, Newark, N. J., assignor to The R. Neumann Hardware Co. Trunk catch or fastener. 1,478,500; Dec. 25.
Wills, Charles M., Atlantic City, N. J. Golf club. 1,459,810; June 26.
Wills, Child H., Detroit, Mich. Composite metal structure for internal-combustion engines and forming the same. 1,441,468; Jan. 9.
Wills, Childe H., Marysville, Mich. Oil-feeding means. 1,469,063; Sept. 25.
Wills, Clifford, Salt Lick, Ky. Railway switch. 1,451,435; Apr. 10.
Wills, Ernest C. and E. S., Clinton, Iowa. Dump body. 1,459,385; June 19.
Wills, Ernest S. (See Wills, Ernest C. and E. S.)
Wills, Ernest W., Great Kills, N. Y. Container. 1,470,248; Oct. 9.
Wills, Marion C., Platte City, and J. S. Daniel, Kansas City, Mo. Chain connector. 1,471,537; Oct. 23.
Wills, Walter B., Baltimore, Md. Culinary implement. 1,447,499; Mar. 6.
Willshaw, Harry. (See Macbeth, C., and Willshaw.)
Willshaw, William, Des Moines, Iowa. Steam pump. 1,453,561; May 1.
Willsie, Henry E., Darien, Conn. Ice machine. 1,455,823; May 22.
Willson, Charles E. (See Jackson, F. W., and Willson.)
Willson, Howard C., Worcester, Mass. Base for stools and other furniture. 1,453,650; May 1.
Willson, Mendal W., Mount Carmel, Ill. Ozonizer. 1,461,238; July 10.
Willson, Oscar, assignor of one-third to E. E. Ericson and one-third to C. Rask, Springfield, Mass. Grinding machine. 1,467,023; Sept. 4.
Willson, Russell A., Spokane, Wash. Antiaircraft shell. 1,464,192; Aug. 7.
Willson, Russell A., assignor of one-half to F. N. Martin, Spokane, Wash. Apparatus for refrigeration. 1,455,156; May 15.
Willson, Thomas C., Philadelphia, Pa. Phonographic printing device. 1,445,987; Feb. 20.
Willson, William C. (See Hudson, A. E., and Willson.)
Willys Corporation. (See Wetzel, Fred H., assignor.)
Willys-Morrow Company, The. (See Jordan, Benjamin H., assignor.)
Willys-Morrow Company, The. (See Knowles, Harford C., assignor.)
Willys-Morrow Company, The. (See Lutz, Hans, assignor.)
Willys-Overland Co., The. (See Green, Charles F., assignor.)
Willys-Overland Company, The. (See Belden, Edward H., assignor.)
Willys-Overland Company, The. (See Belden, E. H., and Rhoads, assignors.)
Willys-Overland Company, The. (See Bonel, Spiro S., assignor.)
Willys-Overland Company, The. (See Clements, Everett G., assignor.)
Willys-Overland Company, The. (See Edwards, Henry J., assignor.)
Willys-Overland Company, The. (See Eyster, James P., assignor.)
Willys-Overland Company, The. (See Graebner, Otto F., assignor.)
Willys-Overland Company, The. (See Gravel, Abundius, assignor.)
Willys-Overland Company, The. (See Grimm, George E., assignor.)
Willys-Overland Company, The. (See Harrington, William F., assignor.)
Willys-Overland Company, The. (See Harrington, W. F., and Speke, assignors.)
Willys-Overland Company, The. (See Jerdone, Francis, jr., assignor.)
Willys-Overland Company, The. (See King, Fred B., assignor.)
Willys-Overland Company, The. (See Koelker, Oscar H., assignor.)
Willys-Overland Company, The. (See Lichter, Adolph H., assignor.)
Willys-Overland Company, The. (See Lightner, A. D. and Holmes, assignors.)
Willys-Overland Company, The. (See Loomis, Allen, assignor.)
Willys-Overland Company, The. (See McKinley, Charles W., assignor.)
Willys-Overland Company, The. (See Miller, John C., assignor.)
Willys-Overland Company, The. (See Mullin, Frank, assignor.)
Willys-Overland Company, The. (See Nicholson, Samuel W., assignor.)
Willys-Overland Company, The. (See Rhoads, Harry E., assignor.)
Willys-Overland Company, The. (See Rollins, Grant W., assignor.)
Willys-Overland Company, The. (See Snell, Lyle K., assignor.)
Willys-Overland Company, The. (See Snell, L. K., and McKinley, assignors.)
Wilmans, Lloyd I., Dallas, Tex. Liner for typographical casting machines. 1,467,967; Sept. 11.
Wilmarth & Morman Company. (See Williams, Arthur, assignor.)
Wilmort Manufacturing Company. (See Aisenstein, William, assignor.)
Wilmort Manufacturing Company. (See Obermaier, John A., assignor.)
Wilmot Engineering Company. (See Meier, Charles F., assignor.)
Wilmot Engineering Company. (See Wilmot, George W., assignor.)
Wilmot Engineering Company. (See Wilmot, G. W., and Blatch, assignors.)
Wilmot, George W., assignor to Wilmot Engineering Company, Hazleton, Pa. Drive chain. 1,451,286; Apr. 10.
Wilmot, George W., assignor to Wilmot Engineering Company, Hazleton, Pa. Coal jig. 1,466,866; Sept. 4.
Wilmot, George W., and F. H. Blatch, assignors to Wilmot Engineering Company, Hazleton, Pa. Coal jig. 1,451,287; Apr. 10.
Wilmoth, John V., Elsternwick, Victoria, Australia. Air-inlet valve. 1,467,218; Sept. 4.
Wilms, Gustav O., assignor to The Reliance Company, Milwaukee, Wis. Dashpot-controlled switch. 1,449,025; Mar. 20.
Wilms, Hermann, assignor to The Wilco Machine Company, St. Louis, Mo. Nut-cracking machine. 1,470,247; Oct. 9.
Wilms, Lee W. V., Chicago, Ill. Shiftable closing means for automobiles. 1,470,308; Oct. 9.
Wilner, Ragnar A. W., Long Island City, N. Y. Carpet-sweeper attachment. 1,475,100; Nov. 20.
Wilsey Incorporated. (See Wilsey, Irven H., assignor.)
Wilsey, Irven H., Chicago, Ill., assignor, by mesne assignments, to Wilsey Incorporated. Internal-combustion engine. 1,474,697; Nov. 20.
Wilsey, Irven H., Chicago, Ill., assignor, by mesne assignments, to Wilsey Incorporated. Method and apparatus for controlling internal-combustion engines. 1,476,315; Dec. 4.
Wilsey, Irven H., Chicago, Ill., assignor, by mesne assignments, to Wilsey Incorporated. Method and apparatus for controlling internal-combustion engines. 1,476,316; Dec. 4.
Wilsman, Edwin W., Green Bay, Wis. Blotter holder. 1,468,770; Sept. 25.
Wilson, Alexander H., Chicago, Ill. Clutch. 1,472,710; Oct. 30.
Wilson, Alfred C., Webster Groves, Mo. Flytrap. 1,442,918; Jan. 23.
Wilson, Alfred R. (See Thompson, W. D., and Wilson.)
Wilson, Allen P., assignor to Boston Pencil Pointer Company, Waltham, Mass. Cutter for pencil sharpener. 1,470,416; Oct. 9.
Wilson, Arnett, Youngstown, Ohio. Aviation harness. 1,448,101; Mar. 13.
Wilson, Arthur L., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Radio control system. 1,469,349; Oct. 2.
Wilson, Ben T., Nacogdoches, Tex. Attachment for tractor plows. 1,442,504; Jan. 16.
Wilson, Ben T., Nacogdoches, Tex. Brace for tractor plows. 1,442,505; Jan. 16.
Wilson Bohannan, Inc. (See Sheinman, Morris, assignor.)
Wilson Brothers. (See Heaton, Clarence E., assignor.)
Wilson, Byron E., assignor to The Eymon Crossing Company, Marion, Ohio. Railway crossing. 1,456,751; May 29.
Wilson, C. R., Body Company. (See Rhein, Lloyd R., assignor.)
Wilson, Clarence C., Bridgeport, Conn. Box for flat metal tableware. 1,451,383; Apr. 10.
Wilson, Claude, Oil Hill, Kans. Oil saver. 1,448,243; Mar. 13.
Wilson, Cyril L. (See Foord, Richard B., assignor.)
Wilson, David H., deceased, Wortendyke, N. J., and J. E. Fuller, Fredonia, N. Y.; E. P. Wilson, administratrix. Superheater pipe connection and making the same. 1,442,458; Jan. 16.
Wilson, E. Pauline, administratrix. (See Wilson, D. H., and Fuller.)
Wilson, Edgar H., Chartiers Township, Allegheny County, assignor to Taylor-Wilson Manufacturing Company, McKees Rocks, Pa. Gas producer. 1,450,767; Apr. 3.
Wilson, Edgar H., Chartiers Township, Allegheny County, assignor to Taylor-Wilson Manufacturing Company, McKees Rocks, Pa. Pipe cutting, rounding, and threading machine. 1,460,088; June 26.
Wilson, Edgar M., Davenport, Iowa. Bed canopy. 1,443,301; Jan. 23.
Wilson, Edw. F., trustee. (See Strong, William J. H., assignor.)
Wilson, Edward, assignor to Wilson Engineering Company, St. Louis, Mo. Compressor. 1,442,319; Jan. 16.
Wilson, Edward, assignor to Wilson Engineering Company, St. Louis, Mo. Compressor. 1,444,577; Feb. 6

Alphabetical list of patentees—Continued.

Wilson, Edward, assignor to Wilson Engineering Company, St. Louis, Mo. Compressor. 1,444,578; Feb. 6.
Wilson, Edward, assignor to Wilson Engineering Company, St. Louis, Mo. Compressor. 1,452,718; Apr. 24.
Wilson, Edward, assignor to Wilson Engineering Company, St. Louis, Mo. Compressor. 1,463,989; Aug. 7.
Wilson, Edward, assignor to Wilson Engineering Company, St. Louis, Mo. Oil separator. 1,463,990; Aug. 7.
Wilson, Edward, assignor of one-half to W. G. Morgan, St. Louis, Mo. Rotary compressor. 1,444,440; Feb. 6.
Wilson, Edwin. (See Maple, Harry C., assignor.)
Wilson, Elbert A., Arlington, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of buttons. 1,477,094; Dec. 11.
Wilson, Elihu C., et al. (See Deakins, G. C., and Hamer, assignors.)
Wilson, Emery J., Cleveland, Ohio. Rotary speed indicator. 1,466,156; Aug. 28.
Wilson, Emma M., executrix. (See Wilson, James S.)
Wilson Engineering Company. (See Wilson, Edward, assignor.)
Wilson, Ernest M., Sandpoint, Idaho. Electric switch. 1,447,917; Mar. 6.
Wilson, Eugene B. (See Tresemer, W. L., and Wilson.)
Wilson, Fastener Company, The. (See Clark, Emma E., assignor.)
Wilson, Francis F., Hollister, Calif. Pulling jack. 1,441,617; Jan. 9.
Wilson, Frank, Sellers, La. Washing machine. 1,468,588; Sept. 18.
Wilson, Frank H., Kalamazoo, Mich. Punch. 1,447,000; Feb. 27.
Wilson, Frank N., St. Louis, Mo. Loader. 1,467,700; Sept. 11.
Wilson, Frederick D., assignor to Deere and Company, Moline, Ill. Corn harvester. 1,440,517; Jan. 2.
Wilson, Frederick D., assignor to Deere & Company, Moline, Ill. Corrugated roller. 1,454,305; May 8.
Wilson, George A. (See Wilson, George A., jr., assignor.)
Wilson, George A., jr., assignor of one-half to G. A. Wilson, Boston, Mass. Valve. 1,441,772; Jan. 9.
Wilson, George F., Elmwood, Nebr. Antifreeze attachment for radiators. 1,448,102; Mar. 13.
Wilson, George H., Coleman, Alberta, Canada. Hog pincers. 1,451,133; Apr. 10.
Wilson, George M., Calgary, Alberta, Canada. Wire stretcher and puller. 1,443,064; Jan. 23.
Wilson, George W., Hopkinsville, Ky. Fence structure. 1,458,260; June 12.
Wilson, Harry H., et al. (See Hockman, Russel, assignor.)
Wilson, Henry W., Duluth, Minn. Rolling-mill coupling and spindle. 1,451,519; Apr. 10.
Wilson, James F., Kensington, Md. Shift bar for typewriting machines. 1,474,751; Nov. 20.
Wilson, James M. (See Bowe, Charles F., assignor.)
Wilson, James M., assignor to Crane Company, Chicago, Ill. Indexed handle structure. 1,448,019. Mar. 13.
Wilson, James O., Jersey City, N. J. Permutation lock. 1,456,957; May 29.
Wilson, James S., deceased, Chelsea, Mass.; E. M. Wilson, executrix. Circular loom. 1,472,029; Oct. 23.
Wilson, Jesse, Jeffersonville, Ind. Sash mounting. 1,445,863; Feb. 20.
Wilson, Jesse E., Oxford Junction, Iowa. Air confining and releasing valve. 1,450,934; Apr. 10.
Wilson, John A., Beaumont, Tex. Walking-beam system for pumping water. 1,459,645; June 19.
Wilson, John A., Elizabeth, assignor to Duratex Corporation, Newark, N. J. Machine for treating or processing fabrics and other goods. 1,457,413; June 5.
Wilson, John B. (See Lamb, John, assignor.)
Wilson, John D., Jacksonville, Fla., assignor of one-half to F. H. Garner, Union, S. C. Timber-felling apparatus. 1,457,761; June 5.
Wilson, John E., Northumberland, Pa. Knockdown building. 1,448,244; Mar. 13.
Wilson, John J., Columbia, Tenn. Cotton harvester. 1,451,090; Apr. 10.
Wilson, John M., San Diego, Calif. Dental appliance. 1,467,079; Sept. 4.
Wilson-Jones Loose Leaf Company. (See Dom, Alexander, assignor.)
Wilson-Jones Loose Leaf Company. (See Fargo, Charles R., assignor.)
Wilson Jones Loose Leaf Company. (See Newman, George W., assignor.)
Wilson, Joseph R. (See Gilman, F. L., and Wilson.)
Wilson, Joseph R., Salt Lake City, Utah. Animal trap. 1,456,415; May 22.
Wilson, Lyman A., New York, N. Y. Water-cooled lamp. 1,457,646; June 5.
Wilson, Mamie C., et al. (See Wingo, Sara H., assignor.)
Wilson, Mary F. F., New Rochelle, N. Y. Hose supporter. 1,449,925; Mar. 27.
Wilson, Otto E., Peru, Ind. Wheel. 1,470,517; Oct. 9.
Wilson, Paul B. (See Barksdale, G. R., and Wilson.)
Wilson, Ralph W., New York, N. Y. Vanity box. 1,460,509; July 3.
Wilson, Ralph W., New York, N. Y., assignor to Theo. W. Foster & Bro Co., Providence, R. I. Container. Re15,564; Mar. 20.
Wilson, Ralph W., New York, N. Y., assignor to Theodore W. Foster & Bro. Co., Providence, R. I. Container. 1,463,354; July 31.
Wilson, Ralph W., New York, N. Y., assignor to Theodore W. Foster & Bro. Co., Providence, R. I. Powder and rouge container. 1,463,355; July 31.
Wilson, Raymond, Waltham, Mass. Starting strip for use with asphalt shingles. 1,444,821; Feb. 13.
Wilson, Raymond S., Philadelphia, Pa. Boot and shoe jack. 1,442,459; Jan. 16.
Wilson, Robert E. (See Hutchinson, Richard A., assignor.)
Wilson, Robert E. (See Wilson, Robert E. and R. E.)
Wilson, Robert E., Cambridge, Mass. Evaporating process and apparatus. 1,471,765; Oct. 23.
Wilson, Robert E. and R. E., Belleville, assignors to S. R. Gross, Newark, N. J. Dropping machine. 1,462,185; July 17.
Wilson, Robert E., L. W. Parsons, and S. L. Chisholm, Washington, D. C. Production of alkali-earth-metal permanganates. 1,453,562; May 1.
Wilson, Robert J., Seattle, Wash. Furnace. 1,443,776; Jan. 30.
Wilson, Roger E. (See McCullough, E. W., and Wilson.)
Wilson, Roland A., Tampa, Fla. Touring and camping car. 1,460,464; July 3.
Wilson, Samuel H., Glasgow, Scotland. Anatomical articulator for dental use. 1,471,019; Oct. 16.
Wilson, Stephen N., et al. (See Wingo, Sara H., assignor.)
Wilson, Sydney. (See Wilson, Walter A. and S.)
Wilson, Thomas, Indio, Calif. Vehicle frame suspension. 1,458,092; June 5.
Wilson, Thomas, & Co. (See Giebel, Henry, assignor.)
Wilson, Thomas K., Kerry, Oreg. Pulley block and bearing. 1,466,980; Sept. 4.
Wilson, Thomas M., Greensburg, Pa. Combination apparatus for drying, burning, and cooling brick. 1,453,819; May 1.
Wilson, Thomas W., Halls, Mo. Vault protector. 1,445,377; Feb. 13.
Wilson, Tom, Johnstown, Pa. Rolling-mill appliance. 1,459,811; June 26.
Wilson, Van L., Boise, Idaho. Cushion tire. 1,473,270; Nov. 6.
Wilson, Verney A., Atalla, Ala. Compressed-air ice machine. 1,452,403; Apr. 17.
Wilson, W. L., et al. (See Prosser, William J., assignor.)
Wilson, Walter A. and S., Vancouver, British Columbia, Canada. Street indicator. 1,455,467; May 15.
Wilson, Walter C., Montello, Nev. Insect catcher. 1,461,169; July 10.
Wilson, Walter J., Sewickley, Pa. Cutting apparatus for mining machines. 1,469,132; Sept. 25.
Wilson, William, Selma, Ala. Machine for steaming hats. 1,441,258; Jan. 9.
Wilson, William, Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electron-discharge device. 1,463,860; Aug. 7.
Wilson, William, Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Vacuum tube. 1,478,087; Dec. 18.
Wilson, William, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Thermionically-active substance and making the same. 1,464,124; Aug. 7.
Wilson, William D., and A. Cullander, assignors of one-third to E. Haga, Belzoni, Miss. Cotton tramper. 1,461,639; July 10.
Wilson, William E., Akron, Ohio. Putty clip. 1,471,675; Oct. 23.
Wilson, William G., West New Brighton, N. Y. Hose coupling. 1,450,126; Mar. 27.
Wilson, William G., Bridgeport, Conn. Vehicle wheel. 1,457,013; May 29.
Wilson, William G., Bridgeport, Conn. Catch for doors and the like. 1,469,979; Oct. 9.
Wilson, William W. (See Hamer, Leland S., assignor.)
Wilson, William W., Los Angeles, Calif. Elevator. 1,468,589; Sept. 18.
Wilson, Winifred. (See McGowan, Owen J., assignor.)
Wilson, Wylie G., New York, N. Y., assignor to Sliding Valves Incorporated. Slide valve. 1,442,204; Jan. 16.
Wilson, Wylie G., New York, N. Y., assignor to Sliding Valves Incorporated. Rotary cup valve. 1,448,585; Mar. 13.
Wilson, Wylie G., Jersey City, N. J., assignor to Sliding Valves Incorporated. Valve. 1,449,478; Mar. 27.
Wilt, Roy E., Arcanum, Ohio. Excavating machine. 1,454,781; May 8.
Wilthil, Bernhard, Flushing, N. Y. Saw setting and sharpening machine. 1,468,986; Sept. 25.
Wilton, Thomas O., London, England. Furnace grate. 1,462,994; July 24.
Wiltrout, Alton J., Warsaw, Ind. Oar. 1,451,749; Apr. 17.
Wimberly, Oscar N., Jacksonville, Fla. Pocket safety device. 1,458,867; June 12.
Wimberly, Oscar N., Jacksonville, Fla. Fastening for loss-preventing devices. 1,474,308; Nov. 13.
Wimmer, Edith A., Salt Lake City, Utah. Tool. 1,454,782; May 8.

Wimmer, John G., Lockport, Ill. Furnace. 1,470,309; Oct. 9.
Wimmers, August A., assignor to The Egry Register Company, Dayton, Ohio. Autographic register. 1,452,453; Apr. 17.
Wimmers, August A., assignor to The Egry Register Company, Dayton, Ohio. Autographic register. 1,452,454; Apr. 17.
Wimp, Jet, Chicago, Ill. Bed for automobiles. 1,444,532; Feb. 6.
Winans, Daniel M., assignor to The Brewer-Titchener Corporation, Binghamton, N. Y. Door curtain for vehicles. 1,464,379; Aug. 7.
Winans, Daniel M., assignor to The Brewer-Titchener Corporation, Binghamton, N. Y. Adjustable mirror for windshields. 1,478,689; Dec. 25.
Winans, Earl W., Detroit, Mich. Antifreezing plug. 1,466,219; Aug. 28.
Winans, Earl W., assignor to Federal Motor Truck Company, Detroit, Mich. Dumping wagon. 1,466,919; Sept. 4.
Winans, Harold J., Nashville, Tenn. Cigarette-salvage case. 1,459,077; June 19.
Winans, Wesley G., Detroit, Mich., assignor to O. C. Castleof, Akron, Ohio. Door holder. 1,446,866; Feb. 27.
Winberg, Charles U., Seattle, Wash. Brooder. 1,440,755; Jan. 2.
Winberg, Charles U., Seattle, Wash. Poultry brooder. 1,440,756; Jan. 2.
Winca, Emery, Cleveland, Ohio. Spark intensifier. 1,463,608; July 31.
Winchell, Ernest E., Seattle, Wash. Wheel and gear remover. 1,470,310; Oct. 9.
Winchell, Freeman J., et al., trustees. (See Josephson, Helmer G., assignor.)
Winchell, Freeman J., et al., trustees. (See Winchell, Freeman J., assignor.)
Winchell, Freeman J., Lynn, assignor to said F. J. Winchell, Nahant, J. L. Stevenell, Haverhill, and H. G. Josephson, Lynn, Mass., trustees. Shank reenforce. 1,447,001; Feb. 27.
Winchenbaugh, Lester P., Company. (See Gentile, Lawrence, assignor.)
Winchenbaugh, Lester P., Company. (See Winchenbaugh, L. P., and Gentile, assignors.)
Winchenbaugh, Lester P., Hyde Park, and L. Gentile, Melrose, assignors to Lester P. Winchenbaugh Company, Boston, Mass. Paper-treating machine. 1,454,362; May 8.
Winchenbaugh, Lester P., Hyde Park, and L. Gentile, Melrose, assignors to Lester P. Winchenbaugh Company, Boston, Mass. Applying coloring liquid to paper. 1,454,363; May 8.
Winchenbaugh, Lester P., Hyde Park, and L. Gentile, Melrose, assignors to Lester P. Winchenbaugh Company, Boston, Mass. Applying coloring liquid to paper. 1,454,364; May 8.
Winchester, Franklin E. (See Weller, J. L., and Winchester.)
Winchester, George, Roselle, and F. A. Howard, Elizabeth, N. J., assignors to Standard Development Company. Spark plug. 1,461,300; July 10.
Winchester Repeating Arms Co. (See Burton, F. F., and Rowley, assignors.)
Winchester Repeating Arms Co. (See Gravely, Julian S., assignor.)
Winchester Repeating Arms Co. (See Miller, Louis A., assignor.)
Winchester Repeating Arms Co. (See Tredwell, Charles A., assignor.)
Winchester Repeating Arms Company. (See Arnold, Arthur A., assignor.)
Winchester Repeating Arms Company. (See Davis, Elwood R., assignor.)
Winchester Repeating Arms Company. (See de Olaneta, Harold, assignor.)
Winchester Repeating Arms Company. (See Gallagher, George D., assignor.)
Winchester Repeating Arms Company. (See Humeston, Frederick L., assignor.)
Winchester Repeating Arms Company. (See Jewett, Arthur C., assignor.)
Winchester Repeating Arms Company. (See Paine, Arthur P., assignor.)
Winchester Repeating Arms Company. (See Staples, Arthur L., assignor.)
Winchester Repeating Arms Company. (See Stevenson, Charles H., assignor.)
Winchester Repeating Arms Company. (See Stimson, Frank G., assignor.)
Winchler, William H., St. Joseph, Mo. Pin extracting and replacing tool. 1,472,349; Oct. 30.
Windecker, Martin, Ponchatoula, La. Toilet cabinet. 1,443,858; Jan. 30.
Winder, Samuel E., Chicago, Ill. Glass-molding machine. 1,466,867; Sept. 4.
Windes, Thomas G., jr. (See Ladd, C., and Windes.)
Windett, Victor, assignor to The Wellman-Seaver-Morgan Company, Cleveland, Ohio. Door and door-operating mechanism for furnaces and the like. 1,475,731; Nov. 27.
Windmaiser, Adolph, Spokane, Wash. Two-piece rim. 1,478,934; Dec. 25.
Windmiller, Louis D., Sacramento, Calif. Direction signal for motor vehicles. 1,446,732; Feb. 27.
Window Glass Machine Company. (See Clark, Henry F., assignor.)
Windsor Manufacturing Company, The. (See Cope, Joseph H., assignor.)
Wine Railway Appliance Co., The. (See Sweeley, Edward A., assignor.)
Wine, William E., Toledo, Ohio. Car door. 1,451,001; Apr. 10.
Wine, William E., Toledo, Ohio. Car door. 1,451,002; Apr. 10.
Wine, William E., Toledo, Ohio. Car-door-locking device. 1,455,694; May 15.
Wine, William E., Toledo, Ohio. Railway car. 1,460,009; June 26.
Wine, William E., Toledo, Ohio. Car-door-locking device. 1,472,539; Oct. 30.
Wine, William E., Toledo, Ohio. Car-door lock. 1,472,540; Oct. 30.
Winell, Karl O., assignor to Pressed Steel Car Company, Pittsburgh, Pa. Brake mechanism. 1,457,868; June 5.
Wineman, Wade H., Chicago, Ill., assignor to Sullivan Machinery Company. Forging machine. 1,440,807; Jan. 2.
Wineman, Wade H., Chicago, Ill., assignor to Sullivan Machinery Company. Separator. 1,440,808; Jan. 2.
Winestock, Otto C., Perkinsville, Vt. Washing pulp. 1,468,337; Sept. 18.
Winfield, Walter E., et al. (See Mayberry, Thomas A., assignor.)
Wing Corporation. (See Wing, Russell T., assignor.)
Wing, Paul. (See Dumars, Gerald, assignor.)
Wing, Russell T., St. Cloud, assignor to Wing Corporation, Minneapolis, Minn. Lens for headlights. 1,446,607; Feb. 27.
Wingard, Andrew R. and G., Tacoma, Wash. Refrigerated display case. 1,471,083; Oct. 16.
Wingard, Gunnar. (See Wingard, Andrew R. and G.)
Wingard, Oscar. (See Osher, Julius C., assignor.)
Wingert, Martha S., Whittier, Calif. Doll. Des. 52,296; May 1.
Wingo, Sara H., San Diego, Calif., assignor of one-sixth to W. R. Humphreys, one-sixth to J. K. Taubman, one-sixth to M. C. Wilson, and one-sixth to S. N. Wilson, Lexington, Mo. Reversible cuff. 1,454,365; May 8.
Wingqvist, Erik H., Utbynas Villastad, near Gottenborg, assignor to Aktiebolaget Svenska Kullagerfabriken, Gottenborg, Sweden. Manufacturing gear wheels. 1,474,500; Nov. 20.
Wingquist, Sven G., assignor to Aktiebolaget Svenska Kullagerfabriken, Gottenborg, Sweden. Machine for manufacturing toothed wheels, screw wheels, or the like. 1,446,777; Feb. 27.
Wingquist, Sven G., assignor to Aktiebolaget Svenska Kullagerfabriken, Gottenborg, Sweden. Machine for manufacturing toothed wheels, screw wheels, or the like. 1,463,414; July 31.
Wingquist, Sven G., assignor to Aktiebolaget Svenska Kullagerfabriken, Gottenborg, Sweden. Cage for roller bearings. 1,473,168; Nov. 6.
Wingrove, William, Edgewater, Colo. Vegetable feeder for poultry. 1,462,893; July 24.
Wink, William M., Owensboro, assignor of one-half to F. Horlander, Rome, Ky. Portable boring machine. 1,449,361; Mar. 20.
Winkel, Christopher, assignor to The Theodor Kundtz Company, Cleveland, Ohio. Seat desk. 1,454,143; May 8.
Winkel, Herbert. (See Tanberg, A. P., and Winkel.)
Winkelman, Gustave A., Detroit, Mich. Railway tie. 1,449,715; Mar. 27.
Winkelmann, Charles, North Bergen, assignor to the Singer Manufacturing Company, Elizabeth, N. J. Stripfolder for sewing machines. 1,444,894; Feb. 13.
Winkelmann, Charles, North Bergen, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Hat lining. 1,475,615; Nov. 27.
Winkelmann, Herbert A., and H. Gray, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Vulcanizing rubber. 1,478,088; Dec. 18.
Winkelmann, Louis, Hoboken, N. J. Radioactive vacuum tube. 1,466,777; Sept. 4.
Winkelmüller, Karl, Leipzig-Lindenau, Germany. Manufacturing ribbed pipes. 1,472,146; Oct. 30.
Winkle, Frederick C. (See Mount, R. S., and Winkle.)
Winkle, Solomon A. (See Winklepleck, Solomon A.)
Winklepleck, Solomon A., (now by judicial change of name Solomon A. Winkle), Santa Ana, Calif. Razor-strop container. 1,457,612; June 5.
Winkler, Alfred, and M. Dünnebier, Neuwied, Germany. Drawing-in device for adhesive-applying machines for use in the manufacture of envelopes. 1,465,887; Aug. 21.
Winkler, Carl, Berne, Switzerland. Melting pot particularly for stereotyping metal. 1,447,111; Feb. 27.
Winkler, Carl, Berne, Switzerland. Machine for casting stereotype plates. 1,478,935; Dec. 25
Winkler, Edmund, assignor of one-half to S. Hajdu, Brooklyn, N. Y. Child's vehicle. 1,447,743; Mar. 6.
Winkler, Henry O., Los Angeles, Calif., assignor to Koehring Company, Milwaukee, Wis. Batch mixer and meter. 1,451,483; Apr. 10.

Alphabetical list of patentees—Continued.

Winkler, Joseph, and P. König, Pforzheim-Dillweissenstein, Germany, assignors, by mesne assignments, to Ernst Gideon Bek Manufacturing Company, Hilton, N. J. Manufacture of annular plait or netting in the form of tubes. 1,440,572; Jan. 2.
Winkler, Joseph F., Philadelphia, Pa. Refrigerating system. 1,467,968; Sept. 11.
Winkler, Joseph S., Chanute, Kans. Wrist pin. 1,466,325; Aug. 28.
Winkler, Ned, St. Albans, W. Va. Advertising device. 1,446,680; Feb. 27.
Winkler, Oscar S., Baltimore, Md. Long-reach tongs. 1,453,301; May 1.
Winkler, William, and A. H. Miller, Brooklyn, N. Y. Caster. 1,467,744; Sept. 11.
Winkley, Erastus E., Lynn, Mass. Automatic steering apparatus. 1,478,195; Dec. 18.
Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-compressing machine. 1,440,573; Jan. 2.
Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Stripping machine. 1,442,205; Jan. 16.
Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Press for use in the manufacture of boots and shoes. 1,442,829; Jan. 23.
Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-building machine. 1,447,368; Mar. 6.
Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-building machine. 1,447,369; Mar. 6.
Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Stop mechanism. 1,448,649; Mar. 13.
Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-building machine. 1,452,669; Apr. 24.
Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel press. 1,452,670; Apr. 24.
Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel press. 1,452,671; Apr. 24.
Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel press. 1,452,672; Apr. 24.
Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Stock-cutting machine. 1,454,877; May 15.
Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole-laying machine. 1,455,952; May 22.
Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Stock-cutting machine. 1,471,372; Oct. 23.
Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Stock-cutting machine. 1,472,108; Oct. 30.
Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making shoe bottoms. 1,472,109; Oct. 30.
Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating on shoes. 1,473,660; Nov. 13.
Winkley, Frank D., Madison, Wis., assignor, by mesne assignments, to The Bassick Manufacturing Company. Lubricating apparatus. 1,463,861; Aug. 7.
Winks, John O., assignor of one-half to B. L. Benson, San Francisco, Calif. Hair curler. 1,457,099; May 29.
Winks, John O., San Francisco, and E. O. Bennett, Gilroy, assignors to B. L. Benson, San Francisco, Calif. Lock. 1,454,202; May 8.
Winn, Albert F. (See Hubbard, J. C., and Winn.)
Winn, Chester B., Buffalo, N. Y. Artificial leg. 1,447,230; Mar. 6.
Winn, Wesley E., Los Angeles, Calif. Can opener. 1,447,370; Mar. 6.
Winn, Willard A., et al., trustees. (See Hill, Ernst V., assignor.)
Winne, Harry A. (See Merrill, W. L., and Winne.)
Winner, William E., and C. C. Patterson, Lowell, Mass. Spirit level. 1,453,888; May 1.
Winning, Robert K., assignor to Clum Mfg. Co., Milwaukee, Wis. Combination switch. 1,441,618; Jan. 9.
Winship, Albert W., Utica, N. Y. Wardrobe trunk. 1,444,718; Feb. 6.
Winship, Emory. (See Sumner, James W., assignor.)
Winship, Ernest O., and F. J. Bacon, New London, Conn. Banjo tailpiece. 1,462,359; July 17.
Winship, Ross, Chicago, Ill. Discharge for containers. 1,448,894; Mar. 20.
Winslow Boiler & Engineering Company. (See Tedman, Hudson A., assignor.)
Winslow, Edward W., Belle Plaine, Iowa. Phonograph cabinet. 1,453,329; May 1.
Winslow, Marion H., Terre Haute, Ind. Platform scale. 1,469,402; Oct. 2.
Winslow Safety High Pressure Boiler Company. (See Brown, Kenneth C., assignor.)
Winsor, James G., Detroit, Mich. Dump body. 1,463,185; July 31.
Winsper, I. R., administrator. (See Mayer, Mathew.)
Winston, William J. (See Mitts, P. S., and Winston.)
Wintemute, Willson E., Vancouver, British Columbia, Canada. Oar sleeve and collar. 1,450,475; Apr. 3.
Winter, Arthur, Jersey City, N. J. Fountain pen. 1,443,515; Jan. 30.
Winter, Arthur, Jersey City, N. J., assignor of one-half to F. H. La Pierre. Pen. 1,450,398; Apr. 3.
Winter, Arthur A. (See Kutsche, A. C., and Winter.)
Winter, Courtney P., New Brunswick, N. J. Method of and apparatus for severing sheets from a web. 1,477,021; Dec. 11.
Winter, Edwin M., Brooklyn, N. Y. Hot die for plastic molding. 1,469,747; Oct. 2.
Winter, Ernest, Cannstatt, near Stuttgart, Germany. Picture and pattern behind which a light-reflecting metallic sheet is laid. 1,474,698; Nov. 20.
Winter, Ernest J., Baltimore, Md., assignor to U. S. Industrial Alcohol Co. Apparatus for use in the manufacture of aldehydes. 1,454,609; May 8.
Winter, John R., Lansing, Mich. Means for securing removable rims. 1,462,529; July 24.
Winter, John R., Lansing, assignor to Kelsey Wheel Company, Detroit, Mich. Wheel hub. 1,451,248; Apr. 10.
Winter, Julius. (See de Lukacsevics, C., and Wittal, assignors.)
Winter, Oscar, Woodbury, N. J., assignor to Andale Engineering Company, Philadelphia, Pa. Indicator for forced-lubrication systems. 1,468,548; Sept. 18.
Winter, Robert, jr. (See Hoover, A. W., and Winter.)
Winter, Robert R., Leland, Miss. Fan attachment. 1,468,851; Sept. 25.
Winter, William A. (See Greenberg, G., and Winter.)
Winter, William A., New York, N. Y. Fur-treating machine. 1,465,959; Aug. 28.
Winter, William A., New York, N. Y. Fur-treating machine. 1,465,960; Aug. 28.
Winterhalder, Grace E., Kamloops, British Columbia, Canada. Suspender connection to stockings. 1,471,301; Oct. 16.
Wintermute, Harry A., Branchville, N. J., assignor to Research Corporation, New York, N. Y. Rotary means for cleaning electrodes. 1,454,256; May 8.
Winters, Edward B., Coffeyville, Kans. Earth loader. 1,452,330; Apr. 17.
Winters, Edward B., Coffeyville, assignor, by mesne assignments, to The Wichita Scraper Drag Company, Sedgwick County, Kans. Road drag and scraper. 1,450,195; Apr. 3.
Winters, John A. (See Walther, G., and Winters.)
Winters, John H. (See Winters, Ralph L. and J. H.)
Winters, Ralph L. and J. H., Clarksville, Tenn. Treating garlicky wheat. 1,476,131; Dec. 4.
Winters, Robert E., Coraopolis, Pa., assignor of one-half to A. C. Dean, Pittsburgh, Pa. Adjustable crank pin. 1,460,692; July 3.
Winters, Robert E., Coraopolis, assignor of one-half to A. C. Dean, Pittsburgh, Pa. Speed-change mechanism. 1,474,752; Nov. 20.
Winters, William, Chicago, Ill. Roach trap. 1,473,069; Nov. 6.
Wintersteen, Edward D., Schenectady, N. Y. Fountain pen. 1,478,157; Dec. 18.
Winther, Christian W., Fresno, Calif. Punching machine. 1,464,961; Aug. 14.
Wintle, Henry, Jackman, Me. Shears or scissors. 1,470,417; Oct. 9.
Winton, Alexander, Lakewood, Ohio. Piston for internal-combustion engines. 1,463,644; July 31.
Wiora, Joseph A., Wild Rose, Wis. Gearless differential. 1,443,448; Jan. 30.
Wipf, Herman J. D., assignor to John Wyeth & Bro. Inc., Philadelphia, Pa. Bottle. Des. 62,160; Mar. 27.
Wipp, Henry C. A., Port Elgin, Ontario, Canada. Fish-hook. 1,457,762; June 5.
Wiprud, Sven T. (See Cooney, E. H., Eklund, and Wiprud.)
Wire, Charles E., Washington, D. C. Forming foundation walls. 1,446,681; Feb. 27.
Wire Cord Company, The. (See Weigel, Daniel M., assignor.)
Wire Products Corporation. (See Barnes, John S., assignor.)
Wire, Wesley M., Newberg, Oreg. Egg carrier. 1,466,326; Aug. 28.
Wire Wheel Corporation of America. (See Davison, Walter W., assignor.)
Wire Wheel Corporation of America. (See Gruber, Frank A., assignor.)
Wire Wheel Corporation of America. (See House, Henry A., jr., assignor.)
Wirebounds Patents Company. (See Bauwens, Seraphine F., assignor.)
Wirebounds Patents Company. (See Bombardie, Charles H., assignor.)
Wirebounds Patents Company. (See Davidson, Bruce J., assignor.)
Wirebounds Patents Company. (See Koch, Henry J., assignor.)
Wirebounds Patents Company. (See Landers, David A., assignor.)
Wirebounds Patents Company. (See Thompson, Osceola C., assignor.)

Wireless Specialty Apparatus Company. (See Macpherson, Byron, assignor.)
Wireless Specialty Apparatus Company. (See Pickard, Greenleaf W., assignor.)
Wireless Specialty Apparatus Company. (See Priess, William H., assignor.)
Wireless Specialty Apparatus Company. (See Richard, G. W., and Barth, assignors.)
Wirkkala, Oscar A., Kent, Wash. Logging bull hook. 1,460,808; July 3.
Wirkkala, Oscar A., Kent, Wash. Choker hook. 1,464,162; Aug. 7.
Wirkkala, Oscar A., Rome Township, Whatcom County, Wash. Logging engine. 1,461,338; July 10.
Wirkkala, Oscar A., Rome Township, Whatcom County, Wash. Logging choker rigging. 1,464,161; Aug. 7.
Wirls, Glenn B., Shaker Heights, Ohio. Dust collector for portable vacuum cleaners. 1,448,322; Mar. 13.
Wirrer, Gottfried. (See Josephs, L. C., jr., and Wirrer.)
Wirrer, Gottfried, Plainfield, N. J., assignor, by mesne assignments, to Connecticut Telephone and Electric Co., Inc., Meriden, Conn. Ignition regulator for internal-combustion engines. 1,461,339; July 10.
Wirrer, Gottfried, Plainfield, N. J., and A. C. Moyer, Allentown, Pa., assignors to International Motor Company, New York, N. Y. Scleroscope. 1,444,228; Feb. 6.
Wirshing, Russell W. (See Wasser, C., and Wirshing.)
Wirt, Harrison L. (See Warren, G. B., and Wirt.)
Wirt, Harrison L., Schenectady, N. Y., assignor to General Electric Company. Elastic-fluid turbine. 1,475,213; Nov. 27.
Wirt, Harrison L., Schenectady, N. Y., assignor to General Electric Company. Elastic-fluid turbine. 1,475,214; Nov. 27.
Wirt, Van A., Chicago, Ill. Loose-leaf binder. 1,441,140; Jan. 2.
Wirtanen, Kalle W., New York, N. Y. Wrench. 1,445,190; Feb. 13.
Wirth, Carl, assignor to Autoquip Mfg. Co., Inc., Rochester, N. Y. Pump. 1,449,926; Mar. 27.
Wirth-Frey, Elias, Aarau, Switzerland. Evaporation and apparatus therefor. 1,469,475; Oct. 2.
Wirth-Frey, Elias, assignor to the Firm Aktiengesellschaft Kummler & Matter, Aarau, Switzerland. Process and apparatus for exaporating liquids. 1,461,640; July 10.
Wirth, John, New York, N. Y. Shampooing and hair-washing apparatus. 1,470,311; Oct. 9.
Wirth, Philip W., et al. (See Latta, William W., assignor.)
Wirtz, William, Cristobal, Canal Zone, Panama. Driving attachment for ice-cream freezers and the like. 1,454,203; May 8.
Wirum, Peter, Ophir, Alaska. Animal trap. 1,443,244; Jan. 23.
Wisander, Hugo A. (See Asplin, W. E., and Wisander.)
Wisbrock, Chris, West Chicago, Ill. Reenforced board. 1,474,699; Nov. 20.
Wisch, Edward W. and W. J., assignors to themselves, S. C. Vincent, and F. C. Volkman, Baltimore, Md. Hand-operated toilet fan. 1,461,768; July 17.
Wisch, Walter J. (See Wisch, Edward W. and W. J.)
Wisch, Walter J., assignor to The Bull Dog Lock Washer Co., Baltimore, Md. Nut lock. 1,441,619; Jan. 9.
Wischmann, Harry G. (See Young, Albert J., assignor.)
Wisconsin Electric Company. (See Beach, Chester H., assignor.)
Wisconsin Iron & Wire Works. (See Norris, G. H., and Ernest, assignors.)
Wisconsin Parts Company. (See Cook, Everett J., assignor.)
Wise, J. B., Incorporated. (See De Wallace, Harry, assignor.)
Wise, J. B., Incorporated. (See Vallier, Orvis W., assignor.)
Wise, Joseph C., Los Angeles, Calif. Inner tube. 1,459,172; June 19.
Wise, Joseph C., Redwood City, assignor of one-fourth to E. Meyers, Oakland, Calif. Bookmark. 1,468,685; Sept. 25.
Wise-McClung Manufacturing Company, The. (See Adams, Thomas O., assignor.)
Wise-McClung Manufacturing Company, The. (See Wise, W. J., and Adams, assignors.)
Wise, Nathan, New York, N. Y. Multiple incandescent electric lamp. 1,445,120; Feb. 13.
Wise, William J. and T. O. Adams, assignors to The Wise-McClung Manufacturing Company, New Philadelphia, Ohio. Dust-bag connector. 1,443,449; Jan. 30.
Wiseley, George W., Holdenville, Okla. Boll-weevil destroyer. 1,475,467; Nov. 27.
Wiselogel, James J., assignor to Peerless Wire Goods Company, La Fayette, Ind. Woven-wire receptacle. 1,445,259; Feb. 13.
Wiseman, Thomas A., Tullahoma, Tenn. Lock. 1,459,128; June 19.
Wiseman, Vane, et al. (See Kirkpatrick, Monroe C., assignor.)
Wisener, George E. (See Vreeland, G. W., and Wisener.)
Wishart, John O. (See Wishart, William and J. O.)
Wishart, William and J. O., assignors to Clinton Refrigerating Company, Clinton, Iowa. Removable crosshead for compressors. 1,448,020; Mar. 13.
Wishart, William and J. O., assignors to Clinton Refrigerating Company, Clinton, Iowa. Refrigerating machine. 1,449,848; Mar. 27.
Wishart, William, and A. H. Morrell, assignors to Clinton Refrigerating Company, Clinton, Iowa. Self-adjusting oil-seal pressure packing. 1,448,021; Mar. 13.
Wishon, Ralph, San Francisco, Calif. Internal-combustion engine. 1,476,275; Dec. 4.
Wiskott, Max, Breslau, Germany. Producing reflectors. 1,461,301; July 10.
Wisner, Charles E. (See Bogusch, Emil G., assignor.)
Wisner, Charles E. (See Cooper, Lyman M., assignor.)
Wisniewski, Vincent, Berlin, Germany. Advertising signboard with movable reflecting and translucent inscriptions. 1,451,520; Apr. 10.
Wisniowski, Joseph J., Chicopee, Mass. Spark plug. 1,458,636; June 12.
Wisniowski, Joseph J., Chicopee, Mass. Tire tread. Des. 63,545; Dec. 11.
Wisroth, Ernst, assignor of one-half to R. D. Raphael, Los Angeles, Calif. Ice-cream-vending cabinet. 1,451,134; Apr. 10.
Wiss, Ernst, Griesheim-on-the-Main, assignor to the Firm Chemische Fabrik Griesheim-Elektron, Frankfort-on-the-Main, Germany. Method of and apparatus for preventing the burning of gas-pressure-reducing valves. 1,457,869; June 5.
Wissinger, Walter. (See Conklin, W., and Wissinger.)
Wissman, Joseph H., East Cleveland, Ohio. Hot-water boiler. 1,474,989; Nov. 20.
Wissner, Arthur, Burlington, Iowa. Dirigible headlight for motor vehicles. 1,449,479; Mar. 27.
Wistoft, Sören, Copenhagen, Denmark. Dial for scales. 1,458,093; June 5.
Wiswell, George T., Evanston, assignor to The Wiswell Improved Railroad Crossing Company, Chicago, Ill. Railway crossing. 1,453,776; May 1.
Wiswell Improved Railroad Crossing Company, The. (See Wiswell, George T., assignor.)
Wiswell, Ozro N., and S. E. Allen, assignors to Swing-spout Measure Co., Los Angeles, Calif. Emergency unit. 1,456,167; May 22.
Wiswell, Percy W., Westwood, Mass. Razor-blade holder. 1,445,737; Feb. 20.
Witherell, Earl M., Duluth, Minn. Device for shaping and pressing fabrics. 1,466,868; Sept. 4.
Witherspoon, Charles O., Minerva, Ohio. Flush-tank valve. 1,442,206; Jan. 16.
Withrow, Floyd G., and A. M. Walker, Grand Rapids, Mich. Detachable engine crank. 1,464,794; Aug. 14.
Withrow, Floyd G., and H. O. Van Antwerp, Grand Rapids, Mich.; said Van Antwerp assignor to said Withrow. Antirattler. 1,641,549; July 10.
Withrow, Paul C., and W. W. Lemen, Denver, Colo. Valve. 1,457,613; June 5.
Withycombe, Robert M., Sydney, New South Wales, Australia. Brush for shaving, massaging, or other toilet purposes. 1,475,101; Nov. 20.
Withycombe, Robert M., Sydney, New South Wales, Australia. Toothbrush. 1,475,102; Nov. 20.
Witman, Ephraim, Sinking Spring, Pa. Air pump. 1,463,109; July 24.
Witmer, Charles C., and B. Havens, assignors to "Airships Incorporated," Hammondsport, N. Y. Pneumatic life raft. 1,456,168; May 22.
Witmer, Charles C., and B. Havens, assignors to Airships Incorporated, Hammondsport, N. Y. Ball. 1,458,672; June 12.
Witmer, Fred, Woodville, Ohio. Valve-bag closure. 1,476,560; Dec. 4.
Witsaman, George H., Dayton, assignor of one-half to A. Bernstein, Cincinnati, Ohio. Pneumatic tire. 1,444,533; Feb. 6.
Witt, Clarence W., Wheeling, W. Va. Laundry tub. 1,474,872; Nov. 20.
Witt, John J., Winchendon, Mass., assignor to Goodspeed Machine Company. Lathe-carriage attachment. 1,460,121; June 26.
Wittal, Julius J. (See de Lukacsevics, C., and Wittal.)
Witte, Elizabeth, administratrix. (See Witte, Louis A.)
Witte, Gertrud, Berne, Switzerland. Hand loom with device for reading weaving drawings. 1,451,641; Apr. 10.
Witte, Gustav A., Philadelphia, Pa., assignor to International Precipitation Company, Los Angeles, Calif. Method and apparatus for rectifying high-tension alternating current. 1,445,988; Feb. 20.
Witte, Gustav A., Philadelphia, Pa., assignor to International Precipitation Company, Los Angeles, Calif. Electrical precipitation of suspended particles from gases. 1,446,778; Feb. 27.
Witte, John, Ferguson, Mo. Gear-shift lock. 1,464,859; Aug. 14.
Witte, Louis A., deceased, Metuchen Borough, N. J.; E. Witte, administratrix. Tunnel kiln. 1,471,875; Oct. 23.
Witte, Meinhard, St. Paul, Minn. Radiator. 1,450,399; Apr. 3.
Witte, Meinhard, Minneapolis, Minn. Upper hose connection for radiators. 1,477,924; Dec. 18.
Witten, Arthur P., Akron, Ohio. Toy balloon. 1,467,411; Sept. 11.
Witten, William A., Duncan, Okla. Resilient wheel. 1,473,918; Nov. 13.
Witten, William S., Chicago, Ill. Lock. 1,444,410; Feb. 6.

Witten, William S., Chicago, Ill. Latch. 1,456,169; May 22.
Witten, William S., Chicago, Ill. Gate latch. 1,470,249; Oct. 9.
Witten, William S., Chicago, Ill. Lock and latch. 1,470,250; Oct. 9.
Wittenberg, Alexander, New York, N. Y., assignor to Autosales Corporation. Coin-controlled machine. 1,454,420; May 8.
Wittenberg, Carl. (See Schodder, Ludwig, assignor.)
Witter, Ezra E., assignor of one-third to J. Post, Zion City, Ill. Wagon. 1,446,682; Feb. 27.
Witter, Joseph S., Wellsville, N. Y. Tractor plow. 1,441,773; Jan. 9.
Witter, Willis D., Roselle Park, N. J., assignor to Foamite Firefoam Company, New York, N. Y. Fire-extinguishing apparatus for oil tanks. 1,454,839; May 8.
Wittig, Alfred E., Rochester, N. Y. Attachment for jars. 1,459,129; June 19.
Wittig, Harry F., assignor of one-half to A. O. Brummel, Baltimore, Md. Illuminated license-tag holder. 1,445,121; Feb. 13.
Wittler, Joseph F., Chatsworth, Ill. Granary and elevator construction. 1,466,010; Aug. 28.
Wittmann, Frank, Philadelphia, Pa., assignor, by mesne assignments, to W. C. McFarnahan and N. Stevenson, Boston, Mass. Pan greasing machine. 1,443,407; Jan. 30.
Wittmann, Joseph H., Kansas City, Mo. Luggage carrier for motor vehicles. 1,463,991; Aug. 7.
Wittstein, Charles T., Newark, N. J., assignor to Arch Crown Mfg. Co. Gem setting. 1,449,158; Mar. 20.
Wittstein, Francis H., Newark, N. J. Finger ring. Des. 63,384; Nov. 27.
Wittum, George F., Vallejo, Calif., assignor, by mesne assignments, of one-half to Mechanical Efficiency Company and one-half to The Auto Mail Distributor, Inc., Syracuse, N. Y. Mail-assorting machine. 1,465,773; Aug. 21.
Witz, Henri E., Rheinland Baden, Germany, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Furnace. 1,450,127; Mar. 27.
Witz, Henry, Oberhausen, Germany, assignor to Babcock & Wilcox Company, New York, N. Y. Sealing device for traveling-grate furnaces. 1,476,276; Dec. 4.
Witzberger, Etienne, Carnegie, Pa. Burner. 1,443,907; Jan. 30.
Witzberger, Etienne, assignor to Witzberger Heating Appliances Company, Carnegie, Pa. Heater. 1,443,908; Jan. 30.
Witzberger, Etienne, assignor to Witzberger Heating Appliances Company, Carnegie, Pa. Burner construction. 1,443,909; Jan. 30.
Witzberger Heating Appliances Company. (See Witzberger, Etienne, assignor.)
Witzel, Charles J., Brooklyn, N. Y. Wrench. 1,461,810; July 17.
Witzenmann, Emil, Pforzheim, Germany. Double-walled tube for heating and cooling purposes. 1,453,220; Apr. 24.
Witzenmann, Emil, Pforzheim, Germany. Flexible metal hose. 1,459,487; June 19.
Wiuff, Jesse W., Milroy, Minn. Automobile brake equalizer. 1,442,377; Jan. 16.
Wiwi, Thomas R., assignor of forty-five per cent to W. H. Dean, Chicago, Ill. Advertising device. 1,466,327; Aug. 28.
Wixson, Albion F., Minneapolis, Minn. Window weight. 1,468,429; Sept. 18.
Wixted, John F. (See Tillyer, E. D., and Wixted.)
Wloszek, John, Donora, Pa. Double window shade and curtain support. 1,459,173; June 19.
Wobst, Lula M., Milwaukee, Wis. Sifter. 1,446,235; Feb. 20.
Wodiska, Julius, New York, N. Y. Finger ring, pin, brooch, or similar article. Des. 62,226; Apr. 17.
Wodonos, Stephen, assignor of one-half to R. Karajem, Philadelphia, Pa. Cleaning device. 1,468,431; Sept. 18.
Woelfel, Ernest A., Peabody, Mass. Leather. Des. 61,989; Feb. 20.
Woelfel, George F., Lakewood, assignor of one-half to W. H. Abbott, East Cleveland, Ohio. Driving apparatus. 1,472,110; Oct. 30.
Woelz, Richard, and S. Reiter, Manchester, N. H. Mechanical direction pointer. 1,442,760; Jan. 16.
Woerth, Emil, Hamilton Beach, N. Y. Ice box for refrigerators. 1,462,436; July 17.
Wofford, George M., and J. A. Bristow, Athens, Tex. Hook. 1,459,488; June 19.
Wofford, Henry, Casper, Wyo. Combined faucet and container. 1,446,817; Feb. 27.
Woglom, Frank W., Arlington, N. J. Statistical record and filing device. 1,468,590; Sept. 18.
Wohl, Alfred, Danzig-Langfuhr, Free City of Danzig, assignor to The Fleischmann Company, New York, N. Y. Treating molasses. 1,449,134; Mar. 20.
Wohl, Alfred, Danzig-Langfuhr, Free City of Danzig, assignor to The Fleischmann Company, New York, N. Y. Washing compressed yeast. 1,449,135; Mar. 20.
Wohl, Alfred, Danzig-Langfuhr, assignor to The Fleischmann Company, New York, N. Y. Manufacture of yeast. 1,475,215; Nov. 27.
Wohl, Jerome I. (See Reagen, George M., assignor.)
Wohl, Maurice J., et al., trustees. (See Rosenberg, Arthur, assignor.)
Wohlauer, Alfred A., New York, N. Y. Electric-lighting globe. Des. 62,350; May 8.
Woina, Benjamin A., South River, N. J., assignor of one-half to A. L. Johnson, New York, N. Y. Self-adjusting door latch. 1,450,624; Apr. 3.
Wojan, Richard, Elmont, N. Y. Apparatus for repairing shoes. 1,459,458; June 19.
Wolbert, Everett D., assignor of one-half to E. J. Perigo, San Francisco, Calif. Crank-case support. 1,453,964; May 1.
Wolcott, Bernard, Buffalo, N. Y., and C. L. Jennison, Washington, D. C. Protecting fabric against rot. 1,474,574; Nov. 20.
Wolcott, Darwin S., trustee. (See Hagan, George J., assignor.)
Wolcott, Edson R., Los Angeles, Calif. Increasing the yield of oil wells. 1,457,479; June 5.
Wolcott, Frank E., Hartford, Conn. Waffle iron. 1,446,532; Feb. 27.
Wolcott, Robeson B., Cleveland Heights, Ohio, assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Attachment plug. 1,440,651; Jan. 2.
Wolcott, Robeson B., Cleveland, assignor of one-half to J. N. Barrett, Cleveland Heights, Ohio. Fuse plug. 1,441,259; Jan. 9.
Wold, Peter I., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Thermionic regulator. 1,459,427; June 19.
Wold, Peter I., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Thermionic regulator. 1,459,428; June 19.
Wold, Peter I., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Switching mechanism for vacuum tubes and the like. 1,462,057; July 17.
Wold, Peter I., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. High-frequency modulation device. 1,467,596; Sept. 11.
Wold, Roscoe G., Amorita, Okla. Windmill. 1,447,455; Mar. 6.
Wolever, Franklin H., Chicago, Ill. Pulverizing mill. 1,468,893; Sept. 25.
Wolever, Franklin H., Chicago, Ill. Method of and apparatus for renewing oil wells. 1,476,747; Dec. 11.
Wolf, Arthur A., Phoenix, Ariz. Feed hopper. 1,463,862; Aug. 7.
Wolf, Austin M., Plainfield, N. J. Liquid-feeding system. 1,457,721; June 5.
Wolf, Charles S., sr., Houston, Tex. Shoe-lace tip. 1,458,017; June 5.
Wolf, Elmer E. (See Osgood, L. A., and Wolf.)
Wolf, Elmer E., Springfield, assignor to International Scale Company, Dayton, Ohio. Disk bearing for scales and other mechanisms. 1,470,042; Oct. 9.
Wolf, Ernest A. P., New York, N. Y. Loose-leaf binder and filler therefor. 1,469,748; Oct. 2.
Wolf, Ferd, St. Louis, Mo. Feed-water-level regulator. 1,470,660; Oct. 16.
Wolf, Frank F., assignor to Rice & Adams Corporation, Buffalo, N. Y. Machine for washing cans and the like. 1,453,738; May 1.
Wolf, Henry. (See Trinca, F., and Wolf.)
Wolf, John, Cicero, and M. Burger, assignors, by mesne assignments, to Ideal Stitcher & Mfg. Co., Chicago, Ill. Wire stitcher. 1,460,526; July 3.
Wolf Netter and Jacobi. (See Schwarze, Bruno, assignor.)
Wolf, Robert B., New York, N. Y. Bleaching pulp and apparatus therefor. 1,454,610; May 8.
Wolfe, Arthur P., Philadelphia, Pa. Radiator for motor vehicles. 1,468,686; Sept. 25.
Wolfe, Charles G., Mount Vernon, Ohio. Pharmaceutical preparation. 1,463,539; July 31.
Wolfe, Clinton L., Brooklyn, and J. A. Faurot, New York, N. Y. Electric lock and door-control device. 1,452,014; Apr. 17.
Wolfe, Clinton M., Coeburn, assignor of one-eighth to A. L. P. Cordor, Norton, one-eighth to J. G. Richardson and one-eighth to C. D. Elkins, Herald, one-eighth to W. C. Franks, Toms Creek, one-eighth to J. S. King and one-eighth to C. W. Shaffer, Coeburn, Va. Hoe. 1,444,719; Feb. 6.
Wolfe, Harry W., Philadelphia, Pa. Refrigerating apparatus. 1,458,899; June 12.
Wolfe, Henry. (See Gower, J., and Wolfe.)
Wolfe, Henry K., assignor to Rotary Rod Weeder & Mfg. Co., Incorporated, Cheney, Wash. Rotary-rod weeder. 1,443,245; Jan. 23.
Wolfe, Jacob J., assignor to The Peabody School Furniture Company, North Manchester, Ind. Combined chair and desk. 1,455,824; May 22.
Wolfe, James H., Calgary, Alberta, Canada. Stand for use in combination with a golf bag or the like. 1,471,766; Oct. 23.
Wolfe, Jay A., assignor to The Columbus Heating and Ventilating Company, Columbus, Ohio. Heating and ventilating equipment. 1,473,896; Nov. 13.
Wolfe, Jesse F., San Antonio, Tex. Fastening shade-operating cords. 1,469,133; Sept. 25.
Wolfe, John A., et al. (See Haubert, Leo, assignor.)

Wolfe, John G., Chicago, Ill. Automobile tire. Des. 62,931; Aug. 21.
Wolfe, Lester, New York, N. Y. Flying top. 1,462,221; July 17.
Wolfe, Merrill P., assignor to Fulton Iron Works, St. Louis, Mo. Engine-stopping device. 1,449,026; Mar. 20.
Wolfe, Walter G. (See Bell, L., and Wolfe.)
Wolfe, William S. (See Kilborn, K. B., and Wolfe.)
Wolfe, William S., Akron, Ohio. Tire. Des. 62,972; Aug. 28.
Wolff, Aaron H., New York, N. Y. Gas heater. Des. 61,794; Jan. 9.
Wolff, Alfred, Berlin, Germany. Breech for firing devices of all kinds, particularly adapted for shell mortars. 1,446,683; Feb. 27.
Wolff, August, New York, N. Y. Frame for supporting transparent plates. 1,455,373; May 15.
Wolff, August L., Chicago, Ill. Internal-combustion engine. 1,450,400; Apr. 3.
Wolff, Edward L. (See Goss, J. H., and Wolff.)
Wolff, Ernest O., Gillette, N. J. Vaporizer and primer. 1,467,259; Sept. 4.
Wolff, Franklyn J., Trenton, N. J. Blank-transfer mechanism for sagger-making machines. 1,452,331; Apr. 17.
Wolff, Jesse, Spokane, Wash. Testing eyes. 1,478,089; Dec. 18.
Wolff, John. (See Jacobus, D. S., and Wolff.)
Wolff, Joseph, Brooklyn, N. Y., assignor to Sonora, Inc. Phonograph cabinet. Des. 63,546; Dec. 11.
Wolff, Karl G. (See Greco, G., and Wolff.)
Wolff, Lorenz R., Los Angeles, Calif. Tone-arm support. 1,453,613; May 1.
Wolff, Louis, assignor to Crane Company, Chicago, Ill. Bathtub. 1,449,877; Mar. 27.
Wolff, Oscar M., assignor to B. B. Hanak Company, Chicago, Ill. Meat mold. 1,456,958; May 29.
Wolff, Wallace B., Chicago, Ill. Slicing machine. 1,473,658; Nov. 13.
Wolff, Wallace B., Chicago, Ill. Slicing machine. 1,473,659; Nov. 13.
Wolfson, William I. (See James, T., jr., and Wolfson.)
Wolhaupter, Benjamin, New Rochelle, assignor to The Rail Joint Company, New York, N. Y. Lattice rail joint. 1,446,684; Feb. 27.
Wolhaupter, Benjamin, New Rochelle, assignor to The Rail Joint Company, New York, N. Y. Abrasion unit for rail joints. 1,446,685; Feb. 27.
Wolhaupter, Benjamin, New Rochelle, assignor to The Rail Joint Company, New York, N. Y. Insulating end post. 1,474,459; Nov. 20.
Wolk, Joseph, Bridgeport, Conn. Piston for internal-combustion engines. 1,459,664; June 19.
Wolkenhauer, Frederick H., Bensenville, Ill. Furnace. 1,478,810; Dec. 25.
Woll, John M., Kittanning, Pa. Automobile hood. 1,451,642; Apr. 10.
Woll, Joseph, McKeesport, Pa. Rail joint. 1,455,695; May 15.
Wollams, Kenneth. (See Rhodes, W. J., and Wallams.)
Wollbrinck, Louis, St. Louis, Mo. Spark plug. 1,444,822; Feb. 13.
Wollbrinck, Louise G., et al. (See McKernan, Joseph M., assignor.)
Wollheim, Walter E., New York, assignor to The Anthony Company, Long Island City, N. Y. Heel rest. Des. 61,883; Feb. 6.
Wollmann, Jacob, Freeman, S. Dak. Wheel. 1,458,868; June 12.
Wollner, Emil, Schwanheim-on-the-Main, and F. Thomas, assignors to the Firm: Chemische Fabrik Griesheim-Elektron, Frankfort-on-the-Main, Germany. Treating magnesium and alloys comprising the same. 1,477,922; Dec. 18.
Wollnik, Alfred H. (See Gasser, Anton A., assignor.)
Wolner, Oscar H., Elcor, Minn. Serial-flow turbine. 1,473,690; Nov. 13.
Wolter, Antone E., Everett, Wash. Automobile signal. 1,471,084; Oct. 16.
Wolter, Herman H., assignor to Edward Miller & Company, Meriden, Conn. Lamp. Des. 63,016; Sept. 4.
Wolter, Herman H., assignor to Edward Miller & Company, Meriden, Conn. Lamp. Des. 63,017; Sept. 4.
Wolter, Herman H., assignor to Edward Miller & Company, Meriden, Conn. Lamp. Des. 63,018; Sept. 4.
Wolter, Herman H., assignor to Edward Miller & Company, Meriden, Conn. Lantern. Des. 63,547; Dec. 11.
Wolters, Carl F. (See Dick, R. H., and Wolters.)
Woltmann, Ernst, New York, N. Y. Operator's outfit for electric welding. Re15,652; July 10.
Woltz, Albert M., assignor, by mesne assignments, to M. L. Himmel & Son, Baltimore, Md. Dust-excluding device for shelving. 1,460,089; June 26.
Wolverine Brass Works. (See Plank, J. Raymond, assignor.)
Wolverine Brass Works. (See Vandervoort, Milford T., assignor.)
Womack, Daniel H., Montgomery, Tex. Animal dip and insect trap. 1,473,532; Nov. 6.
Woman's Institute of Domestic Arts & Sciences, Inc. (See Jankus, Jack C., assignor.)
Womelsdorf, George H., Philadelphia, Pa. Machine for making paper tubes. 1,441,260; Jan. 9.
Wonder Portable Dish Washer Company. (See Cavanaugh, H. F., Hall, and Oliver, assignors.)
Wonder Trap Co. (See Baker, William E., assignor.)
Wonderling, Louis R. (See Nelson, A., and Wonderling.)
Wong, Gatt H., Chicago, Ill. Convertible automobile body. 1,453,372; May 1.
Wonn, William. (See Bradburn, C. E., and Finke, assignors.)
Wonnacott, Edward J. (See Glair, H. F., and Wonnacott.)
Wonsowicz, George, assignor of one-half to H. J. Ralicki, Forks, N. Y. Bracket for supporting shade rollers and curtain poles. 1,446,533; Feb. 27.
Woock, Eric M. (See Woock, Walter R., H. J., and E. M.)
Woock, Herbert J. (See Woock, Walter R., H. J., and E. M.)
Woock, Walter R., H. J., and E. M., assignors to Superior Manufacturing Company, Lodi, Calif. Centrifugal pump with self-centering runner. 1,473,802; Nov. 13.
Wood, A. J., Greenville, assignor to Bennett Injector Company, Muskegon, Mich. Barrel-attaching device for grease guns or the like. 1,471,085; Oct. 16.
Wood, Aaron F. and W. R., Van Wert, Ohio. Spotlight control. 1,441,192; Jan. 2.
Wood, Albert, Dearborn, assignor to Henry Ford Hospital, Detroit, Mich. Indirect-lighting fixture. 1,466,497; Aug. 28.
Wood, Allen L., Beardstown, Ill. Grain door for freight cars. 1,442,553; Jan. 16.
Wood, Andrew C., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Odometer-train-resetting device. 1,461,956; July 17.
Wood, Andrew C., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Electric signal for internal-combustion engines. 1,478,090; Dec. 18.
Wood, Arthur C., Mansfield, Ohio. Means for controlling the light rays of reflector lamps. 1,476,132; Dec. 4.
Wood, Arthur C., assignor to The Ohio Brass Company, Mansfield, Ohio. Conductor support. 1,461,811; July 17.
Wood, Arthur C., assignor to The Ohio Brass Company, Mansfield, Ohio. Conductor support. 1,461,812; July 17.
Wood, Arthur C., assignor to The Ohio Brass Company, Mansfield, Ohio. Safety support for current collectors. 1,461,813; July 17.
Wood, Arthur C., assignor to The Ohio Brass Company, Mansfield, Ohio. Conductor support. 1,469,134; Sept. 25.
Wood, Augustus, Fitchburg, Mass., assignor to Manning, Maxwell & Moore, Inc., New York, N. Y. Driving dog for lathes. 1,475,616; Nov. 27.
Wood, Benjamin G., London, England. Side-car body. 1,478,316; Dec. 18.
Wood, Callie, Reno, Nev. Flower doll. Des. 62,808; July 31.
Wood, Carver, assignor to Wayne Oil Tank and Pump Company, Fort Wayne, Ind. Oil filter. 1,471,994; Oct. 23.
Wood, Charles B. D., Wilkes-Barre, Pa. Conveyer flight or blade and making the same. 1,449,208; Mar. 20.
Wood, Charles C., Wichita, Kans. Rim for pneumatic or solid tires. 1,445,466; Feb. 13.
Wood, Charles D., and E. R. De Long, Boston, Mass. Safety device for elevator wells. 1,474,185; Nov. 13.
Wood, Charles F., Chicago, Ill. Code table. 1,455,157; May 15.
Wood, Charles L. (See Crowder, Riley M., assignor.)
Wood, Charles R., Fargo, N. Dak. Pocket for wearing apparel. Re15,646; July 10.
Wood, Charles R., Fargo, N. Dak. Rule pocket. Re15,647; July 10.
Wood, Charles R., Fargo, N. Dak. Overalls. 1,477,925; Dec. 18.
Wood, Charles R., assignor of one-fourth to B. C. Goodrich and one-fourth to W. E. Moss, Memphis, Tenn. Cotton gin. 1,448,022; Mar. 13.
Wood, Charles R., assignor of one-fourth to W. E. Moss and one-fourth to B. C. Goodrich, Memphis, Tenn. Pneumatic elevator for elevating seed cotton for gins. 1,455,764; May 15.
Wood, Charles R., assignor of one-fourth to W. E. Moss and one-fourth to B. C. Goodrich, Memphis, Tenn. Cotton cleaner and boll crusher. 1,455,765; May 15.
Wood, Christopher E., Roxborough, Philadelphia, Pa. Door for grain cars. 1,469,350; Oct. 2.
Wood, Clarence G., Muncie, Ind. Clutch-clamping lever. 1,465,704; Aug. 21.
Wood, Clarence G., assignor to Hoosier Clutch Company, Muncie, Ind. Clutch-operating mechanism. 1,475,979; Dec. 4.
Wood, Clarence P., Philadelphia, Pa. Fluid separator. 1,463,769; July 31.
Wood, David W., Brazil, Ind. Clutch. 1,460,303; June 26.
Wood, Earl W., Long Beach, Calif. Ice-cream cone. Des. 62,515; June 12.
Wood, Edward C. (See Fessenden, R. A., Williams, and Wood.)
Wood, Edwin W., Lockridge, Okla. Animal poke for restraining stock. 1,450,401; Apr. 3.
Wood Equipment Company. (See Simpson, George N., assignor.)

Alphabetical list of patentees—Continued.

Wood, Franz J., Des Moines, Iowa. Molding machine. 1,451,249; Apr. 10.
Wood, Frederick H., assignor to L. B. Wood, Chicago, Ill. Warm-air furnace. 1,445,122; Feb. 13.
Wood, Frederick P., assignor to American Can Company, New York, N. Y. Moistureproof container. 1,442,775; Jan. 16.
Wood, Frederick P., assignor to American Can Company, New York, N. Y. Moistureproof container body. 1,450,476; Apr. 3.
Wood, Frederick P., Oak Park, Ill., assignor to American Can Company, New York, N. Y. Can. 1,459,523; June 19.
Wood, Frederick P., assignor to American Can Company, New York, N. Y. Moistureproof fiber container. 1,467,969; Sept. 11.
Wood, Garfield A., Algonac, Mich. Hydraulic-hoist heater. 1,476,748; Dec. 11.
Wood, George, Seattle, Wash., assignor to A. J. Gerrard, Chicago, Ill. Box-strapping bench. 1,450,315; Apr. 3.
Wood, George B., W. C. Bird, and E. B. Packard, Rockland, Me. Gate. 1,473,135; Nov. 6.
Wood, George H., and F. L. Capen, Boston, Mass. Sole-assorting mechanism for block-sole-cutting machines. 1,443,159; Jan. 23.
Wood, George H., and F. L. Capen, Boston, Mass. Safety means for cutting machines. 1,460,465; July 3.
Wood, Harold G., Dexter, Me. Clothes drier. 1,476,667; Dec. 4.
Wood, Harry H., assignor of one-half to D. H. Palmer, Seattle, Wash. Bag-holding device. 1,458,216; June 12.
Wood, Harry L., Lakewood, Ohio. Battery-post clamp. 1,475,914; Nov. 27.
Wood, Harry M., Morden, England. Rim brake for cycles and the like vehicles. 1,469,202; Sept. 25.
Wood, Harry S., London, England. Pocket lock. 1,442,020; Jan. 9.
Wood, Harvey, West Paterson, N. J. Fishing apparatus. 1,449,570; Mar. 27.
Wood, Helen, Cleveland, Ohio. Primary educational appliance. 1,471,437; Oct. 23.
Wood, Henry A. W., assignor to The Wood Newspaper Machinery Corporation, New York, N. Y. Tail-cutting device for tubular plates. 1,454,006; May 1.
Wood, Henry A. W., assignor to The Wood Newspaper Machinery Corporation, New York, N. Y. Finishing and cooling apparatus for tubular stereotype printing plates. 1,454,007; May 1.
Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Cooling device for curved stereotype printing plates. 1,457,480; June 5.
Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Sheet-throw-out mechanism. 1,464,462; Aug. 7.
Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Paper-roll-changing apparatus. 1,464,463; Aug. 7.
Wood, Henry A. W., assignor to The Wood Newspaper Machinery Corporation, New York, N. Y. Tubular stereotype printing plate. 1,477,619; Dec. 18.
Wood, Henry A. W., assignor to The Wood Newspaper Machinery Corporation, New York, N. Y. Steretoype printing plate. 1,477,620; Dec. 18.
Wood, Herbert O., Saltaire, England. Wheel fork. 1,451,521; Apr. 10.
Wood, Hiram D., Alexandria, Mo. Dump end gate. 1,475,915; Nov. 27.
Wood, Ira C., South Pasadena, assignor of forty-nine one-hundredths to F. M. Renfro, San Bernardino, Calif. Colored-lighting device. 1,440,518; Jan. 2.
Wood, James J., Fort Wayne, Ind., assignor to General Electric Company. Tub for washing machines. 1,443,197; Jan. 23.
Wood, Joe H., Wadesboro, La. Ventilating blind. 1,475,103; Nov. 20.
Wood, John, Manufacturing Company. (See Mauck, Victor, assignor.)
Wood, John C., Quay, N. Mex. Stop for talking machines. 1,459,646; June 19.
Wood, John C., Alexandria, Mo. Plow. 1,477,022; Dec. 11.
Wood, Joseph C., Jackson, Tenn. Station indicator. 1,473,752; Nov. 13.
Wood, Joseph C., assignor of one-fourth to W. M. Lane and one-eighth to W. B. Barger, Jackson, Tenn. Station indicator. 1,453,330; May 1.
Wood, Leonard C., Alden, Iowa. Bellyband connection. 1,454,306; May 8.
Wood, Lettie B. (See Wood, Frederick H., assignor.)
Wood, Myron W., assignor, by mesne assignments, to Liberty Oil Burner Company, Omaha, Nebr. Oil burner. 1,475,528; Nov. 27.
Wood Newspaper Machinery Corporation, The. (See Wood, Henry A. W., assignor.)
Wood Products Company, The. (See Mahncke, Hans, assignor.)
Wood, Robert. (See Anderson, C. S., and Wood.)
Wood, Robert, and C. Garrett, Vancouver, British Columbia, Canada. Packing case. 1,456,582; May 29.
Wood, Robert W., Baltimore, Md., assignor to Pratt & Whitney Company, New York, N. Y. Optical method of obtaining linear dimensions. 1,455,825; May 22.
Wood, Rodney J., Dayton, Ohio. Filing system. 1,448,323; Mar. 13.
Wood, Sidney C., assignor to Chautauqua Hygienic Institute, Inc., Jamestown, N. Y. Bath tray. 1,450,827; Apr. 3.
Wood, Stanley. (See Graham, L. S., Roberts, and Wood.)
Wood, Stanley, Victoria, British Columbia, Canada. Log raft. 1,460,779; July 3.
Wood, Theron L., Huddleston, Va. Mudhook for motor-vehicle wheels. 1,444,895; Feb. 13.
Wood, Thomas E., assignor of one-half to S. S. Ford, Great Falls, Mont. Rotary engine. 1,446,079; Feb. 20.
Wood, Walter A., Mowing & Reaping Machine Company. (See Allen, G. N., and Benway, assignors.)
Wood, Walter H., Forest, Idaho. Saw set. 1,447,112; Feb. 27.
Wood, Walter H., Forest, Idaho. Gauge. 1,478,317; Dec. 18.
Wood, Walter S., Charleston, W. Va. Display cover. 1,459,647; June 19.
Wood, Wilfred R., London, England. Mechanical stoker. 1,460,997; July 3.
Wood, Wilfred R., and E. W. Robey, assignors to Underfeed Stoker Company Limited, London, England. Ash-removal device for furnaces. 1,440,757; Jan. 2.
Wood, William D., assignor to Specialty Manufacturing Company, Seattle, Wash. Light-controlling device for photographic-printing machines. 1,452,719; Apr. 24.
Wood, William H., South Euclid, Ohio. Storage battery. 1,451,003; Apr. 10.
Wood, William H., Cleveland, Ohio. Headlight for vehicles. 1,471,767; Oct. 23.
Wood, William M. (See Smith, A., and Wood.)
Wood, William R. (See Wood, Aaron F. and W. R.)
Wood, William T., Nashville, Tenn. Coasting vehicle. 1,462,312; July 17.
Woodaman, Clinton B., Worcester, assignor to Everready Mfg. Company of Boston, Boston, Mass. Staple making and driving machine. 1,444,489; Feb. 6.
Woodard, William E., Forest Hills, N. Y. Locomotive. 1,478,593; Dec. 25.
Woodberry, Charles C., Cincinnati, Ohio. Radiator curtain. 1,456,170; May 22.
Woodberry, John H., U. S. Army. Base fuse. 1,456,204; May 22.
Woodberry, John H., U. S. Army. Detonating fuse. 1,462,313; July 17.
Woodberry, John H., U. S. Army. Fuse. 1,462,314; July 17.
Woodbury, Clifford A., Media, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ammonia dynamite. 1,445,378; Feb. 13.
Woodbury, John B., South Portland, and G. C. Soule, Portland, Me. Rope clamp. 1,460,633; July 3.
Woodcock, Willard J., Brooklyn, N. Y. Adjustable timing of oil engines. 1,443,777; Jan. 30.
Woodford, Bronson C., assignor to The Murray Company, Dallas, Tex. Chute for cotton and the like. 1,445,379; Feb. 13.
Woodford, Bronson C., assignor to The Murray Company, Dallas, Tex. Cleaning feeder for cotton gins. 1,449,362; Mar. 20.
Woodford, Bronson C., assignor to The Murray Company, Dallas, Tex. Tramper for cotton presses. 1,463,186; July 31.
Woodford, Bronson C., assignor to The Murray Company, Dallas, Tex. Cleaner feeder for cotton gins. 1,478,594; Dec. 25.
Woodford, Robert S. (See Reese, C. C., Buzzo, and Woodford.)
Woodhall, Louis W., Stamford, Conn. Tie-loosening device. 1,447,113; Feb. 27.
Woodhead, Peter. (See McGhee, T., and Woodhead.)
Woodhead, Richard T., St. Paul, Minn. Combined Ford primer and carburetor control. 1,455,318; May 15.
Woodhull, Daniel E., New York, N. Y., assignor to American Bank Note Company. Safety tint paper. 1,457,805; June 5.
Woodhull, Daniel E., New York, N. Y., assignor to American Bank Note Company. Making plates for printing safety tints. 1,457,806; June 5.
Woodhull, Samuel T., Medford, and G. J. Waller, Somerville, assignors to American Radio & Research Corporation, Medford, Mass. Gap. 1,473,070; Nov. 6.
Woodin, Norman C., Prairie du Sac, Wis. Excavator and loader. 1,449,716; Mar. 27.
Woodin, Norman C., Milwaukee, Wis. Reversible drive mechanism for hoist drums and the like. 1,449,717; Mar. 27.
Woodin, Norman C., Oshkosh, Wis., assignor, by mesne assignments, to F. C. Austin Machinery Company. Tractor. 1,443,778; Jan. 30.
Woodin, Norman C., Oshkosh, Wis., assignor, by mesne assignments, to F. C. Austin Machinery Company. Steering gear. 1,443,779; Jan. 30.
Woodin, William A., Albany, Ga. Knife guide. 1,478,501; Dec. 25.
Woodings, Emanuel, Verona, assignor to Verona Tool Works, Pittsburgh, Pa. Making rail springs. 1,443,160; Jan. 23.

Woodington, Joseph H. (See Young, C. A., and Woodington.)
Woodman, James M., Waukegan, Ill. Display carton. 1,441,470; Jan. 9.
Woodman, James M., Waukegan, Ill. Display carton. 1,444,049; Feb. 6.
Woodman, William E. (See Crompton, R., and Woodman.)
Woodrow, Irvin F., West Philadelphia, Pa., assignor, by mesne assignments, to Standard Steel and Bearings Incorporated, Wilmington, Del. Workholder. 1,452,949; Apr. 24.
Woodrow, Oliver B, Newton, Iowa. Releasing device for wringers. 1,470,312; Oct. 9.
Woodruff, Alonzo, Auburn, N. Y. Combination of bottle cap and brush holder. 1,455,158; May 15.
Woodruff, Alvie C., Portland, Oreg. Headlight. 1,446,236; Feb. 20.
Woodruff, Alvie C., Portland, Oreg. Dirigible headlight. 1,469,203; Sept. 25.
Woodruff, Russell J., Cleveland, Ohio. Piston. 1,475,359; Nov. 27.
Woodrug, Albert N., New York, N. Y. Copyholder. 1,469,749; Oct. 2.
Woods, Benjamin F., Houston, Tex. Barrel plug. 1,466,981; Sept. 4.
Woods, Charles H., Decatur, Ill. Fare box. 1,454,096; May 8.
Woods, Charles S., Indianapolis, Ind. Window guard. 1,459,522; June 19.
Woods, Clinton E., assignor to Scovill Manufacturing Company, Waterbury, Conn. Phonograph. 1,471,436; Oct. 23.
Woods, George H., Somerville, Mass. Collar. 1,478,091; Dec. 18.
Woods, Herbert A., St. Louis, Mo. Locking means for differential gears. 1,466,778; Sept. 4.
Woods, Jacob, Griswold, Iowa. Combined wagon box and end gate. 1,475,732; Nov. 27.
Woods, James A., Wichita, Kans. Collar burster and expander. 1,458,567; June 12.
Woods, Robert M., Wheeling, W. Va. Ice-cream freezer. 1,455,418; May 15.
Woods, S. A., Machine Company. (See Blood, C. W. H., and Osteman, assignors.)
Woods, Sophie L. (See Jenks, C. D., and Perry, assignors.)
Woods, Walter R., Lansing, Mich., assignor, by mesne assignments, to William Mutschler, trustee, Goshen, Ind. Universal joint. 1,441,390; Jan. 9.
Woods, Walter R., Chicago, Ill., assignor, by mesne assignments, to W. Mutschler, trustee, Goshen, Ind. Universal joint. 1,468,188; Sept. 18.
Woods, Walter R., Chicago, Ill., assignor, by mesne assignments, to W. Mutschler, trustee, Goshen, Ind. Universal joint. 1,468,189; Sept. 18.
Woodson, Allen B., and W. Ferril, Clarksville, Tenn.; said Woodson assignor to said Ferril. Hand car. 1,461,593; July 10.
Woodson, James C., Mansfield, Ohio, assignor to Westinghouse Electric Products Company. Electric Bake oven. 1,440,519; Jan. 2.
Woodson, James C., Mansfield, Ohio, assignor to Westinghouse Electric Products Company. Electrical heater for coffee urns. 1,472,201; Oct. 30.
Woodstock Typewriter Company. (See Hokanson, Otto A., assignor.)
Woodstock Typewriter Company. (See Meckstroth, Louis W., assignor.)
Woodward Automatic Control Corporation. (See Woodward, Garrett W., assignor.)
Woodward, Christopher H. R. (See McCrary, Pierce R., assignor.)
Woodward, Garrett W., assignor, by mesne assignments, to Woodward Automatic Control Corporation, Chicago, Ill. Automatic control mechanism. 1,464,962; Aug. 14.
Woodward, George, Newark, N. J., assignor to Igoe Bros. Reel carrier. 1,474,873; Nov. 20.
Woodward, Herbert S. (See Miller, John P., assignor.)
Woodward, Irving C., Syracuse, N. Y. Screw thread. 1,451,484; Apr. 10.
Woodward, Irving C., Syracuse, N. Y. Clutch for differential-gear-control mechanism. 1,462,879; July 24.
Woodward, Irving C., Syracuse, N. Y. Differential-gear control mechanism. 1,464,795; Aug. 14.
Woodward, Jesse W., and F. E. Lewis, Shreveport, La. Bottle cooler. 1,469,866; Oct. 9.
Woodward, John H., assignor to The J. H. & F. A. Sells Company, Columbus, Ohio. Horse collar. 1,451,750; Apr. 17.
Woodward, Millard F., Alexandria, La. Internal-combustion engine. 1,456,171; May 22.
Woodward, Walter A. (See White, Virgil D., assignor.)
Woodward, William E., Forest Hills, assignor to Franklin Railway Supply Company, New York, N. Y. Lateral-motion device for driving boxes. 1,452,862; Apr. 24.
Woodward, William L., Lakewood, Ohio. Making zinc tubing. 1,458,604; June 12.
Woodward, William L., Lakewood, Ohio. Making seamless tubes rich in zinc. 1,458,605; June 12.
Woodward, William L., Lakewood, Ohio. Making seamless tubes rich in zinc. 1,471,373; Oct. 23.
Woodworth, Charles W., Berkeley, Calif. Fly swatter. 1,440,809; Jan. 2.
Woodworth, Chauncey C. (See Woodworth, Edward M., assignor.)
Woodworth, Edward M., Rochester, assignor of one-fourth to C. C. Woodworth, New York, N. Y. Indicator for cameras. 1,478,318; Dec. 18.
Woodworth, George K. (See Gile, William A., assignor.)
Woodworth Incorporated. (See Ross, Edwin, assignor.)
Woodworth, Olin F. (See Willis, L., and Woodworth.)
Woodworth, William W., South Berkeley, Calif. Foldable and collapsible container. 1,459,459; June 19.
Woody, Regina J., Chestnut Hill, Mass. Diaper, catamenial bandage, and the like. 1,451,643; Apr. 10.
Wooldridge, Oscar M., Evansville, Ind. Bottle-cooling device. 1,460,304; June 26.
Wooldridge, Powhatan J., Pewee Valley, Ky. Safety apparatus for elevators. 1,443,603; Jan. 30.
Wooldridge, Powhatan J., Oldham County, Ky. Envelope-filling machine. 1,454,008; May 1.
Wooldridge, Powhatan J., Pewee Valley, Ky. Safety apparatus for elevators. 1,458,790; June 12.
Wooldridge, Powhatan J., Pewee Valley, Ky. Safety apparatus for elevators. 1,458,791; June 12.
Wooldridge, William J., Pittsfield, Mass. assignor to General Electric Company. Tank. 1,448,023; Mar. 13.
Woolen, Alfred, assignor of one-half to L. M. Tryer, Okmulgee, Okla. Piston-ring squeezer. 1,470,313; Oct. 9.
Wooley, Frederick E., Central Valley, N. Y. Fixture support. 1,478,595; Dec. 25.
Wooley, Horace M., jr., et al. (See Greenwood, George E., assignor.)
Woolf, Frank H., Chicago, Ill. Coating machine. 1,460,189; June 26.
Woolf, Philip, Newark, N. J. Finger ring. Des. 61,884; Feb. 6.
Woolhether, Paul H., Truax, Saskatchewan, Canada. Roller-door latch. 1,478,502; Dec. 25.
Woolley, Edward, Toronto, Ontario, Canada. Dredging bucket. 1,477,679; Dec. 18.
Woolley, Orson A., Magrath, Alberta, Canada. Wire-gripping device. 1,477,740; Dec. 18.
Woolman, N. E., et al. (See McKee, Joseph E., assignor.)
Woolman, Roy C., assignor of one-half to J. W. Studebaker, Des Moines, Iowa. Artwork desk. 1,477,409; Dec. 11.
Woolson, Lionel M., assignor to Packard Motor Car Co., Detroit, Mich. Internal-combustion engines. 1,445,054; Feb. 13.
Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Hydrocarbon motor. 1,448,650; Mar. 13.
Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Hydrocarbon motor. 1,448,651; Mar. 13.
Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Hydrocarbon motor. 1,451,035; Apr. 10.
Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Hydrocarbon motor. 1,467,970; Sept. 11.
Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Hydrocarbon motor. 1,473,136; Nov. 6.
Woolson, Lionel M., Dayton, Ohio, assignor, by mesne assignments, to Bijur Motor Appliance Company. Electrical apparatus for motor vehicles. 1,449,800; Mar. 27.
Woolson, Lionel M., Dayton, Ohio, assignor, by mesne assignments, to Eclipse Machine Company, New York, N. Y. Engine-starting apparatus. 1,467,823; Sept. 11.
Woolstencroft, Alexander S., Fulda, Minn. Flour sifter. 1,465,325; Aug. 21.
Woolums, William H., South Bend, Ind. Automobile signaling device. Des. 62,430; May 22.
Woolums, William H., South Bend, Ind. Automobile signaling device. Des. 62,431; May 22.
Woolwine, George. (See Rose, B. E., and Woolwine.)
Woonsocket Machine & Press Co. (See Albrecht, George F., assignor.)
Woonsocket Machine & Press Co. (See Moss, Joseph, assignor.)
Wootten, Charles T., deceased, Philadelphia, Pa., by D. Bowers, executor, Laurel Springs, N. J., assignor to Manufacturing Company of America, Philadelphia, Pa. Die. 1,468,549; Sept. 18.
Wootton, Herbert D., London, England. Cameras more particularly for use in aerial photography. 1,469,569; Oct. 2.
Wootton, William L., Brooklyn, N. Y. Composition for fireproofing and other purposes and preparing same. 1,451,485; Apr. 10.
Wooyenaka, Keizo, Tokyo, Japan, assignor to J. Takamine, New York, N. Y. Recovery of the active principle of the suprarenal glands. 1,460,832; July 3.
Wopeco Machine Company, The. (See Perry, William S., assignor.)
Worcester, Albert, Los Angeles, Calif. Box-covering machine. 1,452,720; Apr. 24.
Worcester, Samuel A., J. L. Bruce, and L. S. Farnham, Butte, Mont. Mine car. 1,448,103; Mar. 13.

Alphabetical list of patentees—Continued.

Worcester, William W., Baltimore, Md. Rat trap. 1,457,953; June 5.
Worcester Wire Works, Inc. (See Johnson, Charles O., C. D., and B. A., assignors.)
Worden, Clifford W. (See Cross, Homer V., assignor.)
Work-Organizer Specialties Company. (See Casey, Charles C., assignor.)
Workland, Dan E. (See Schoonover, William L., assignor.)
Workman, Harold, Glasgow, Scotland. Cinematograph projector and intermittent mechanism therefor. 1,442,021; Jan. 9.
Workman, John D., Elliottsville, Pa. Automatic vehicle brake. 1,456,416; May 22.
Workman, Ross A., Tulsa, Okla. Washing machine. 1,446,534; Feb. 27.
Workman, Ross A., Tulsa, Okla. Sheet-metal roof. 1,454,097; May 8.
Worledge, Albert G., Westcliff-on-Sea, and L. Sebright, Wimbledon, England. Printer's mechanical quoin. 1,441,320; Jan. 9.
Wormser, Arthur, Offenbach-on-the-Main, Germany. Lathe. 1,455,558; May 15.
Woronzoff, Dionysie, New York, N. Y. Advance-order device. 1,459,351; June 19.
Worosila, Joseph, Fort Hancock, N. J. Oiling device. 1,453,221; Apr. 24.
Worrell, Benjamin F., Chicago, Ill. Automobile tire. Des. 62,432; May 22.
Worsham, James A., Maroa, Ill. Loading and unloading apparatus. 1,460,466; July 3.
Worstall, George G., Toms River, N. J. Cultivator. 1,461,508; July 10.
Worth, George E., assignor to F. Keiper, Rochester, N. Y. Press guard. Re15,559; Mar. 6.
Worth, Paul, Akron, assignor to The India Tire and Rubber Company, Mogadore, Ohio. Tire tread. Des. 63,347; Nov. 20.
Worth, Paul, Akron, assignor to The India Tire and Rubber Company, Mogadore, Ohio. Tire tread. Des. 63,348; Nov. 20.
Worth, Thomas B., & Sons Limited. (See Davis, Arthur, assignor.)
Worthen, Albert J., San Francisco, Calif. Rotary fluid-pressure-producing apparatus. 1,463,110; July 24.
Worthington, Bayard G., Los Angeles, Calif. Can opener. 1,447,197; Mar. 6.
Worthington, James B. (See Bartley, V., and Worthington.)
Worthington Pump and Machinery Corporation. (See Benson, Harry F., assignor.)
Worthington Pump and Machinery Corporation. (See Bond, John S., assignor.)
Worthington Pump and Machinery Corporation. (See Carpenter, John S., assignor.)
Worthington Pump and Machinery Corporation. (See Dow, Alex, assignor.)
Worthington Pump and Machinery Corporation. (See Eads, Harry B., assignor.)
Worthington Pump and Machinery Corporation. (See Feldbush, Harry, assignor.)
Worthington Pump and Machinery Corporation. (See Fleming, Wills M., assignor.)
Worthington Pump and Machinery Corporation. (See Grace, John F., assignor.)
Worthington Pump and Machinery Corporation. (See Haeberlein, Max, assignor.)
Worthington Pump and Machinery Corporation. (See Jorgensen, Olav E., assignor.)
Worthington Pump and Machinery Corporation. (See Potter, B. U., and Fleming, assignors.)
Worthington Pump and Machinery Corporation. (See Newcomb, Robert E., assignor.)
Worthington Pump and Machinery Corporation. (See Phillips, Will H., assignor.)
Worthington Pump and Machinery Corporation. (See Wikander, Oscar R., assignor).
Worthington, Roland B., Jacksonville, assignor to Miami Manufacturing Company, Miami, Fla. Casement-window-operating device. 1,440,758; Jan. 2.
Worthington, Warren, assignor to Donner Steel Company, Buffalo, N. Y. Cooling bed. 1,448,425; Mar. 13.
Wortman, Otto, Audubon, N. J., assignor to Westinghouse Electric & Manufacturing Company. System of control. 1,460,190; June 26.
Wortmann, Edward, New York, N. Y. Paper-folding machine. 1,471,874; Oct. 23.
Worton, Samuel G., Duquesne, Pa. Furnace-doorway construction. 1,456,205; May 22.
Woss, Paul, Chicago, Ill. Combined ironing board and stepladder. 1,476,561; Dec. 4.
Wotier, Charles J., Springfield, Tenn. Valve for powder distributors. 1,477,741; Dec. 18.
Wottle, Hans, Vienna, Austria. Split belt pulley. 1,450,880; Apr. 3.
Wotton, Edward, Edgewater, N. J. Display sign for passenger vehicles. 1,452,332; Apr. 17.
Wottring, Le Roy. (See Wottring, Sylvanus L. and L.)
Wottring, Sylvanus L. and L., assignors to The Prospect Manufacturing Company, Prospect, Ohio. Pump. 1,478,417; Dec. 25.
Woyton, Thomas M., Brooklyn, N. Y. Clip. 1,443,246; Jan. 23.
Wozny, Adam, Detroit, Mich. Safety envelope. 1,465,888; Aug. 21.
Wragg, Charles A., Melbourne, Victoria, Australia. Aeroplane. Re15,555; Mar. 6.
Wraith, Charles R. (See Jones, L. E., and Wraith.)
Wray, Charles F., assignor to The National Brass Manufacturing Company, Rochester, N. Y. Lubricator cup. 1,451,854; Apr. 17.
Wray, James L., Rock Island, Ill. Pneumatic pump. 1,462,222; July 17.
Wrege, Jay L., Stearns, Ky. Artificial bait. 1,459,042; June 19.
Wrenn, Henry B. P., and A. S. O'Donoghue, Cleveland, Ohio. Overhead electrical conductor system. 1,459,174; June 19.
Wren, Hugh C., Louisville, Ky. Tie form. 1,451,355; Apr. 10.
Wrentmore, Ernest L., deceased, West Farmington, Ohio; (Mrs.) M. V. Wrentmore, administratrix. Motor using oil, gasoline, or gas as a fuel. 1,454,499; May 8.
Wrentmore, (Mrs.) Maude V., administratrix. (See Wrentmore, Ernest L.)
Wressell, Fisher, Alden, Iowa. Holder for safety-razor blades. 1,454,461; May 8.
Wright, Albert F. J., assignor to D. Gilson & Company, Limited, Walthamstow, Essex, England. Automatic turning machine, screw-making machine, and the like. 1,442,774; Jan. 16.
Wright, Albert W. and E. H., San Francisco, Calif. Food product and production. 1,451,135; Apr. 10.
Wright, Alfred G., Bywood, Pa. Dental amalgam machine. 1,456,526; May 29.
Wright, Alice M., Detroit, Mich. Electric oven for hair. 1,455,696; May 15.
Wright, Allyn L. (See Hopkins, James E., assignor.)
Wright, Alva O., North Salem, Ind. Emergency attachment for automobile wheels. 1,464,055; Aug. 7.
Wright, Archibald F., and W. A. Stone, St. Clair, Mich. Rubbing block. 1,455,559; May 15.
Wright, Arthur, Upper Montclair, and F. W. Young, Verona, N. J. Filtration. 1,472,574; Oct. 30.
Wright, Arthur W., and B. F. Ibach, Pottsville, Pa. Metal pole construction. 1,461,994; July 17.
Wright, Charles D., assignor of one-half to C. G. Trefz, San Francisco, Calif. Spark arrester. 1,462,728; July 24.
Wright, Clarence A. (See Balch, A. T., and Wright.)
Wright, Clarence E., Louisville, Ky. Motion-picture machine. 1,447,002; Feb. 27.
Wright, Clifton C. (See Brockett, F. G., and Wright.)
Wright, Clyde S., assignor to The National Supply Company, Toledo, Ohio. Machine pipe wrench. 1,447,744; Mar. 6.
Wright, David Z., Childress, Tex. Cotton-cleaning machine. 1,470,314; Oct. 9.
Wright, Edward, Dayton, Ohio. Expansible metallic core for curing pneumatic tires. 1,441,649; Jan. 9.
Wright, Edward, assignor of one-half to A. MacMillan, Hamilton, Ontario, Canada. Wedge. 1,451,855; Apr. 17.
Wright, Edward E., Detroit, Mich. Cable equalizer. 1,465,705; Aug. 21.
Wright, Elisabeth H. (See Wright, Albert W. and E. H.)
Wright, Elton A., Chicago, Ill. Valve arrangement. 1,453,302; May 1.
Wright, Ernest B., Upper Montclair, N. J., assignor to Hanlon & Goodman Company, New York, N. Y. Brush. 1,450,534; Apr. 3.
Wright, Frank. (See Moore, W. E., Alter, Hauff, Eckley, and Wright.)
Wright, Frank A., Hutchinson, Kans. Cleaning fluid for impregnating dust cloths and the like. 1,461,170; July 10.
Wright, Frank G., San Diego, Calif. Fuel-preparing apparatus for gas engines. 1,455,183; May 15.
Wright, Franklin J., Oakland, and J. L. Baker, Bakersfield, Calif. Standing-valve attachment for oil pumps. 1,464,796; Aug. 14.
Wright, Fred, Waukegan, Ill., assignor, by mesne assignments, to Standard Conveyor Company, North St. Paul, Minn. Conveying machine. 1,459,524; June 19.
Wright, Fred L. (See Wright, Leslie E., assignor.)
Wright, George, South Orange, N. J. Boat-launching mechanism. 1,455,159; May 15.
Wright, George D. Corporation. (See Leonardo, Bartholomew C., assignor.)
Wright, George H., Spokane, Wash. Seed-dispensing mechanism for planters. 1,464,464; Aug. 7.
Wright, Herbert C. and W. J., Oak Lake, Manitoba, Canada. Manure remover and spreader. 1,471,302; Oct. 16.
Wright, Ira O., Baltimore, Md., assignor to The T. H. Symington Company, New York, N. Y. Draft rigging. 1,457,278; May 29.
Wright, Ira O., Baltimore, Md., assignor to The T. H. Symington Company, New York, N. Y. Draft rigging. 1,458,792; June 12.
Wright, Ira O., Baltimore, Md., assignor to The T. H. Symington Company, New York, N. Y. Draft rigging. 1,474,309; Nov. 13.
Wright, James O., Atlantic City, N. J. Cotter-pin-extracting pliers. 1,463,645; July 31.
Wright, John E. (See Hill, S. C., Gibson, and Wright.)

Wright, John M., Birmingham, Ala. Frostproof flush drain and supply valve. 1,445,380; Feb. 13.
Wright, Leslie E., assignor to F. L. Wright, Los Angeles, Calif. Temper-screw clamp. 1,447,456; Mar. 6.
Wright, M. S., Company. (See Wright, Morris S., assignor.)
Wright, Malcolm, and H. Becker, Baltimore, Md. Safety and signal device. 1,446,237; Feb. 20.
Wright Manufacturing Company. (See Gunn, Walter A., assignor.)
Wright, Maurice J., Boise, Idaho. Ash tray. Des. 63,094; Oct. 2.
Wright, Morris S., assignor to M. S. Wright Company, Worcester, Mass. Vacuum cleaner. 1,440,759; Jan. 2.
Wright, Morris S., assignor to M. S. Wright Company, Worcester, Mass. Vacuum cleaning device. 1,462,223; July 17.
Wright, Norman R., Easton, Pa. Let-off mechanism for looms. 1,471,438; Oct. 23.
Wright, Oliver S., Philadelphia, Pa. Stop mechanism for phonographs and the like. 1,474,501; Nov. 20.
Wright, Parvin. (See Gerrard, A. J., and Wright.)
Wright, Parvin, Chicago, Ill. Machine for tying bundles of wires. 1,453,820; May 1.
Wright, Parvin, Chicago, Ill. Machine for capping bundles of tie wires. 1,455,953; May 22.
Wright, Paul D., Edgewood Park, Pa. Car-dumping apparatus. 1,478,723; Dec. 25.
Wright, Ray, Jackson, Miss. Seed pan. 1,471,581; Oct. 23.
Wright, Rea P., Washington, D. C., assignor to John F. Hemenway, New York, N. Y. Pressure release for clothes wringers. 1,471,640; Oct. 23.
Wright, Richard E., Toledo, Ohio, and O. E. Barthel, Detroit, Mich., assignors to Art Mosaic and Tile Company, Toledo, Ohio. Floor-surfacing machine. 1,468,432; Sept. 18.
Wright, Richard M. (See Dawer, Antonio, assignor.)
Wright, Robert, Cleveland, Ohio. Divided casing with detachable treads. 1,465,889; Aug. 21.
Wright, Robert E., Lincoln, Nebr. Attachment for cylinder printing presses. 1,465,750; Aug. 21.
Wright, Robert L., Los Angeles, Calif. Machine gun. 1,444,768; Feb. 6.
Wright, Robert L., Los Angeles, Calif. Superfired cannon. 1,447,198; Mar. 6.
Wright, Robert L., Salem, Ohio. Knife. 1,465,751; Aug. 21.
Wright, Robert W., William Penn, Pa. Gear puller. 1,447,30; Mar. 6.
Wright Roller Bearing Company. (See Hagenlocher, Christian P., assignor.)
Wright Rubber Products Company. (See Healy, Leon J. D., assignor.)
Wright, Stanley R., Rawdon, near Leeds, assignor to Igranic Electric Company Limited, London, England. Electrical coil. 1,440,760; Jan. 2.
Wright, Stanley R., Rawdon, near Leeds, assignor to Igranic Electric Company Limited, London, England. Method of and means for applying the insulation of high-tension coils. 1,469,469; Oct. 2.
Wright, Stanley R., Rawdon, near Leeds, assignor to Igranic Electric Company Limited, London, England. Variable reciprocating transverse mechanism. 1,469,470; Oct. 2.
Wright, Thomas B., Cincinnati, Ohio, assignor of one-half to C. C. Diboll, New Orleans, La. Receptacle and holding and locking means therefor. 1,478,365; Dec. 18.
Wright, Thomas E., Jersey City, N. J. Elevating mechanism for dumping trucks. 1,443,890; Jan. 30.
Wright, Thomas H. (See Hutchinson, George, assignor.)
Wright, Thomas H., Los Angeles, Calif. Monorail structure. 1,454,804; May 8.
Wright, Thomas H., Los Angeles, Calif. Turntable. 1,454,805; May 8.
Wright, Thomas H., Los Angeles, Calif. Switch device. 1,454,806; May 8.
Wright, Thomas H., Los Angeles, Calif. Swivel truck for monorails. 1,454,807; May 8.
Wright, Thomas H., Los Angeles, Calif. Monorail car. 1,459,386; June 19.
Wright, Thomas W., Anderson, Ind. Handle. 1,477,742; Dec. 18.
Wright, Wallace C., Brookfield, N. H., and F. W. Merrick, Boston, Mass., assignors, by mesne assignments, to American Shoe Machinery Company. Automatic delivery and stacking apparatus. 1,448,173; Mar. 13.
Wright, Walter, San Francisco, Calif., assignor, by mesne assignments, to Underwood Computing Machine Company. Billing and computing attachment to typewriters. 1,474,425; Nov. 20.
Wright, Walter, assignor to Underwood Computing Machine Company, New York, N. Y. Combined typewriting and computing machine. 1,474,990; Nov. 20.
Wright, Walter, assignor to Underwood Computing Machine Company, New York, N. Y. Combined typewriting and computing machine. 1,475,152; Nov. 20.
Wright, Walter A., Scotts Bluff, Nebr. Tightening and fastening device. 1,440,859; Jan. 2.
Wright, Walter D., Catoosa, Okla. Screw driver. 1,448,324; Mar. 13.
Wright, Wilbur L., Fulton, N. Y. Rendering paper material greaseproof. 1,449,718; Mar. 27.
Wright, Wilbur L., Fulton, N. Y. Greaseproofing composition and fibrous material treated thereby. 1,454,421; May 8.
Wright, Wilbur L., Fulton, N. Y. Rendering paper and other fibrous material impervious to grease. 1,474,502; Nov. 20.
Wright, Wilbur L., Fulton, N. Y. Coating composition and paper material coated therewith. 1,474,503; Nov. 20.
Wright, Wilbur L., Fulton, N. Y. Rendering paper material and the like grease and water proof. 1,476,562; Dec. 4.
Wright, Wilbur L., assignor to Sealright Co., Inc., Fulton, N. Y. Packaging brick ice cream. 1,444,050; Feb. 6.
Wright, Wilbur L., assignor, by mesne assignments, to Oswego Falls Corporation, Fulton, N. Y. Closure disk. 1,462,995; July 24.
Wright, Wilbur L., assignor, by mesne assignments, to Oswego Falls Corporation, Fulton, N. Y. Brick-ice-cream box. 1,476,563; Dec. 4.
Wright, William, Lake Preston, S. Dak. Latching hinge. 1,475,335; Nov. 27.
Wright, William A., Lompoc, Calif. Hair-trimming gauge. 1,471,768; Oct. 23.
Wright, William D., Lynchburg, Va. Advertising device. 1,471,303; Oct. 16.
Wright, William D., assignor of one-half to A. B. Bowman, San Diego, Calif. Aeroplane. 1,442,506; Jan. 16.
Wright, William F., Chester, Pa. Hot-metal dispatcher. 1,445,574; Feb. 13.
Wright, William J. (See Wright, Herbert C. and W. J.)
Wrightman, Charles H., Dallas, Tex. Signpost. 1,443,247; Jan. 23.
Wrighton, William J., assignor to American Optical Company, Southbridge, Mass. Ophthalmic frame. 1,440,430; Jan. 2.
Wright's Automatic Tobacco Packing Machine Company. (See Feasler, George J., assignor.)
Wrigley, Henry I., Chicago, Ill., assignor to Universal Draft Gear Attachment Co. Draft gear for railway cars. 1,462,676; July 24.
Wrigley, John H., Manchester, assignor to Bradford Dyers' Association Limited, Bradford, England. Finishing fabric. 1,442,840; Jan. 23.
Wrigley, Wm., Jr., Company. (See Ranney, Willet B., assignor.)
Wroughton, George T., Los Angeles, Calif. Traffic-signal-operating mechanism. 1,454,808; May 8.
Wruck, Henry F. (See Donnell, A. I., and Wruck.)
Wuestefeld, Steve A. (See Ritter, Elmer R., assignor.)
Wulf, Charles A., Indianapolis, Ind. Vaporizer for hydrocarbon engines. 1,478,092; Dec. 18.
Wulf, Oliver R. (See Daniels, F., and Wulf.)
Wulff, Henry, assignor to S. M. Ford, St. Paul, Minn. Machine and method for making fiber shingles. Re15,565; Mar. 27.
Wulff, Henry, assignor to S. M. Ford, St. Paul, Minn. Machine and method for making shingles. Re15,566; Mar. 27.
Wulff, John P., Chicago, Ill. Safety valve for water gauges. 1,477,743; Dec. 18.
Wulle, William A., St. Louis, Mo. Paper-baling machine. 1,474,874; Nov. 20.
Wunderlich, Albert W., Arlington, Mass. Liquid container. 1,473,453; Nov. 6.
Wunderlich, Christian J., Mitchell, S. Dak. Horseshoe. 1,476,867; Dec. 11.
Wundur Cabinet Ledger Company. (See MacDonald, Robert W., assignor.)
Wunder, Frank F., Valley Falls, Kans. Clutch holder. 1,450,316; Apr. 3.
Wurl, Fred G., Milwaukee, Wis. Torch. 1,477,410; Dec. 11.
Wurldsbest Rainshield Ventilator Company. (See Respess, Heard, assignor.)
Wurm, Henry G., Yonkers, N. Y. Leather, wall paper, or similar article of manufacture. Des. 61,795; Jan 9.
Wuyts, Henri, Brussels, Belgium. Preparation of artificial resins and oleoresins. 1,469,709; Oct. 2.
Wyandott-Mor-Powr Truck Company, The. (See Kocher, Charles E., assignor.)
Wyatt, Alden H., Knoxville, Iowa. Photoprint drier. 1,463,757; July 31.
Wyatt, De Witt H., assignor to B. Driskell, olumbus, Ohio. Tub bench. 1,473,271; Nov. 6.
Wyatt, Frank A. (See Barrett, John F. and J. E., and Wyatt.)
Wyatt, Frank A., Indiana, Pa. Lamp stand. Des. 63,116; Oct. 2.
Wyatt, George E. (See Wyatt, Luther N. and G. E.)
Wyatt, James R. (See Clamer, G. H., and Wyatt.)
Wyatt, Kinchen A., Dallas, Tex. Lightning protection apparatus for oil tanks. 1,463,523; July 31.
Wyatt, Luther N. and G. E., Detroit, Mich. Belt-tension adjuster. 1,441,321; Jan. 9.
Wyche, George W., South Pasadena, assignor of one-half to A. C. McRoberts, Pasadena, Calif. Traction and supporting chain for trucks. 1,442,590; Jan. 16.
Wyckoff, Andrew D., Oak Park, assignor to Oil Products Appliance Co., Maywood, Ill. Sign-plate support. 1,445,925; Feb. 20.

Wyckoff, Andrew D., Oak Park, assignor to Oil Products Appliance Co., Maywood, Ill. Liquid-dispensing device. 1,471,230; Oct. 16.
Wyckoff, Andrew D., Maywood, and H. P. de Correvont, Chicago, assignors to Oil Products Appliance Co., Maywood, Ill. Liquid measuring and dispensing apparatus. 1,455,184; May 15.
Wyckoff, J. Lewis, et al., trustees. (See Eidmann, Frank L., assignor.)
Wyckoff, J. Lewis, et al., trustees. (See Gifford, Richard T., assignor.)
Wyckoff, J. Lewis, et al, trustees. (See Tomlinson, E., and Gifford, assignors.)
Wyckoff, Richard D., New York, N. Y. Exhibiting device. 1,456,086; May 22.
Wye, Tom, Inc. (See Tucker, Henry L., assignor.)
Wyeth, John, & Bro. Inc. (See Wipf, Herman J. D., assignor.)
Wygant, Frederick A. (See Hand, E. E., and Wygant.)
Wykes, Ernest, Humboldt, Iowa. Radiator. 1,469,135; Sept. 25.
Wyler, Max, assignor to British Dyestuffs Corporation,
Wylie, Hamilton N. (See Thurston, A. P., and Wylie.) Limited, Blackley, Manchester, England. Manufacture of phenyl glycine compounds. 1,467,598; Sept. 11.
Wylie, Thomas B. (See Armstrong, J. R., and Wylie.)
Wylie, William H., Jennings, Kans. Portable leveling apparatus for mounted machinery. 1,450,196; Apr. 3.
Wylie, William J., Columbia, Miss., and C. W. Cooper, Oxford, Ala.; said Cooper assignor to G. W. Green, Columbia, Miss. Extension frame for Fordson tractors. 1,461,598; July 10.
Wyman, Charles O., Anoka, Minn. Differential. 1,468,338; Sept. 18.
Wyman, Charles W., Claremont, N. H., assignor to Sullivan Machinery Company. Electric-circuit making and breaking device. 1,441,193; Jan. 2.
Wyman, Charles W., Claremont, N. H., assignor to Sullivan Machinery Company. Electric control system. 1,474,310; Nov. 13.
Wyman, Charles W., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 1,474,311; Nov. 13.
Wyman, Charles W., Claremont, N. H., assignor to Sullivan Machinery Company. Electric control mechanism. 1,474,312; Nov. 13.
Wyman-Gordan Company. (See Damerell, Mark H., assignor.)
Wyman-Gordon Company. (See Gilman, Charles W., assignor.)
Wyman-Gordon Company. (See Ingalls, Frederick A., assignor.)
Wyman, Harold. (See Armstrong, Henry W., assignor.)
Wyman, Roy G., Brooklyn, N. Y. Device for use in mending films. 1,467,971; Sept. 11.
Wynne, Walter W., Eau Claire, Wis. Convertible coaster and scooter. 1,444,295; Feb. 6.
Wyoming Shovel Works, The. (See Webster, Lewis E., assignor.)
Wyoming Tool Company, Inc. (See Matheson, Andrew A., assignor.)
Wyrick, Solomon A., assignor of one-half to P. Blanchard & Sons. Palestine, Tex. Pilot for locomotives. 1,446,406; Feb. 20.
Wysong, Bedford C., Indianapolis, Ind. Gas mixer for internal-combustion engines. 1,446,283; Feb. 20.
Xlent Company. (See Fetters, Charles A., assignor.)
XXth Century Heating & Ventilating Co., The. (See Ellison, Earl J., assignor.)
Yaghubian, Hagop J., New York, N. Y. Reversible coat. 1,477,744; Dec. 18.
Yagi, Chusuke. (See Motoki, M., and Yagi.)
Yale and Hopewell Company. (See Yale, Rodney H., assignor.)
Yale, Rodney H., assignor to Yale and Hopewell Company, Lincoln, Nebr. Lubricator. 1,468,550; Sept. 18.
Yale & Towne Manufacturing Company, The. (See Epstein, Eli, assignor.)
Yale & Towne Manufacturing Company, The. (See Ledin, Charles, assignor.)
Yale & Towne Manufacturing Company, The. (See Lucke, Charles E., assignor.)
Yale & Towne Manufacturing Company, The. (See Maxwell, Maxwell C., assignor.)
Yale & Towne Manufacturing Company, The. (See Morgan, J. C. and Schroeder, assignors.)
Yale & Towne Manufacturing Company, The. (See Potter, Robert S., assignor.)
Yale & Towne Manufacturing Company. (See Richter, Paul C., assignor.)
Yale & Towne Manufacturing Company, The. (See Schroeder, Charles S., assignor.)
Yale, Warren W., assignor of one-half to A. B. Hickman, Chickasha, Okla. Pulley. 1,457,130; May 29.
Yamada, Kinsaku, Tokyo, Japan. Therapeutical apparatus. 1,459,489; June 19.
Yamada, Shigetaro, Honolulu, Hawaii. Twine-cutting device. 1,462,097; July 17.
Yamamoto, Takejiro, Nishinari-gun, Osaka, Japan. Interlocking splice for threads of two strands. 1,452,102; Apr. 17.
Yancey, Samuel H., New York, N. Y. Seal for metal cans and like containers. 1,476,564; Dec. 4.
Yanchik, John G., Wilkes-Barre, Pa. Lock. 1,462,780; July 24.
Yankauer, Sidney, Flushing, N. Y. Resilient wheel. 1,459,565; June 19.
Yankoff, Peter D., Fort Smith, Ark. Comb. 1,460,305; June 26.
Yanochowski, George A., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system. 1,453,821; May 1.
Yanochowski, George A., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system. 1,455,954; May 22.
Yanochowski, George A., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system. 1,456,172; May 22.
Yanochowski, George A., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system. 1,475,216; Nov. 27.
Yard, Emma, executrix. (See Yard, William T.)
Yard, William T., deceased, Trenton, N. J.; E. Yard, executrix. Corn husker. 1,441,960; Jan. 9.
Yarder, Stanley W., Toledo, Ohio. Tool box. Des. 62,042; Mar. 6.
Yardley, Charles F., Larchmont, N. Y. Rail anchor. 1,454,366; May 8.
Yardley, Charles F., Larchmont, N. Y. Rail anchor. 1,454,368; May 8.
Yardley, Farnham, assignor to Jenkins Bros., New York, N. Y. Valve-operating mechanism. 1,454,367; May 8.
Yardley, Farnham, assignor to Jenkins Brothers, New York, N. Y. Valve. 1,459,460; June 19.
Yardley, Ralph O., San Francisco, Calif. Headlight lens. 1,442,207; Jan. 16.
Yarian, James L., assignor to H. H. Franklin Mfg. Company, Syracuse, N. Y. Intake manifold for internal-combustion engines. 1,472,449; Oct. 30.
Yarnell, Harold A., Escondido, Calif. Battery separator. 1,470,518; Oct. 9.
Yarnell, Oran, Salt Lake City, Utah. Railway tie. 1,460,467; July 3.
Yarrow, Harold E., Scotstoun, Scotland. Circulation of water in water-tube boilers. 1,453,965; May 1.
Yaryan, Homer T., St. Petersburg, Fla. Manufacturing plates for artificial dentures. 1,453,303; May 1.
Yassenovsky, Joseph, New York, N. Y. Weather stripping. 1,458,094; June 5.
Yasuda, Zenichi, Santo Barbara, Calif. Headlight shield. 1,464,860; Aug. 14.
Yates, Arthur E., Flintstone, Ga. Sack turning and measuring machine. 1,465,200; Aug. 14.
Yates, Charles E. (See Bowman, C. R., and Yates.)
Yates, Charles M., Jackson, Tenn. Condenser. 1,442,591; Jan. 16.
Yates, Frederick C., Waterbury, Conn. Punching tool. 1,449,136; Mar. 20.
Yates, George F. (See Sainsbury, James T., assignor.)
Yates, John, San Francisco, Calif. Draft motor. 1,462,927; July 24.
Yates, Nathaniel, jr., assignor to The F. A. Neider Company, Augusta, Ky. Turnbutton fastener. 1,442,208; Jan. 16.
Yates, P. B., Machine Company, The. (See Henderson, Edward J., assignor.)
Yates, P. B., Machine Company. (See Marshall, C. J., and Weaver, assignors.)
Yates, Richard C., Buffalo, N. Y. Internal-combustion engine. 1,443,302; Jan. 23.
Yates, Robert, Passaic, N. J. Manufacture of gasoline. 1,465,752; Aug. 21.
Yates, William G., Cleveland, and G. C. Fatscher, Lakewood, assignors to B. R. Deming, Cleveland, Ohio. Ironing machine. 1,450,402; Apr. 3.
Yauch, Martin, administrator. (See Stroud, Chester H.)
Yawman & Erbe Manufacturing Co. (See Clark, James R., assignor.)
Yawman & Erbe Mfg. Co. (See Dietrich, Paul, assignor.)
Yawman & Erbe Mfg. Co. (See Stevens, Isaac G., assignor.)
Yaxley, Ernest E., assignor of one-half to Yaxley Manufacturing Company, and one-half to Carter Radio Company, Chicago, Ill. Jack switch. 1,443,604; Jan. 30.
Yaxley Manufacturing Company, et al. (See Yaxley, Ernest E., assignor.)
Ybarzabal, Edward J. (See Landlumé, G., and Ybarzabal.)
Yeager, Anton J. (See Taylor, T. A., and Yeager.)
Yeager, Anton J., assignor to Prentiss-Wabers Stove Company, Wisconsin Rapids, Wis. Folding oven. 1,450,056; Mar. 27.
Yeager, Earnest C. (See Jones, M. A., Krollage, and Yeager.)
Yeager, John D., Philadelphia, Pa. Shoe. 1,463,278; July 31.
Yeager, Lee A., Akron, Ohio. Window screen. 1,476,565; Dec. 4.
Yeager, Leo R., and W. M. Holmes, Columbus, Ohio, assignors, by mesne assignments, to said Yeager. Vehicle light. 1,468,655; Sept. 25.
Yeakley, Melvin A., Canton, Ohio. Valve-operating connection. 1,452,995; Apr. 24.
Yeaton, George A., Portland, Oreg. Guide pulley. 1,443,605; Jan. 30.

Yeaton, Harry L., Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of molded-counter turned shoes. 1,470,661; Oct. 16.
Yeats, John A., Richmond, and A. S. Swan, Coburg, Victoria, Australia. Side car of motor cycles. 1,459,387; June 19.
Yegen, John, Bismarck, N. Dak. Removing stumps. 1,463,916; Aug. 7.
Yeich, Luther C., and R. H. G. Parker, Reading, Pa. Metal weather strip. 1,456,664; May 29.
Yeiser, Henry C. (See Ringler, William A., assignor.)
Yeiser, Leon B., Cleveland, Ohio. Faucet or bath cock. 1,447,457; Mar. 6.
Yeiser, Leon B., and F. C. Lehmann, Cleveland, Ohio. Combined hot and cold water valve. 1,460,931; July 3.
Yelf, Henry H., Southsea, England. Instructional dummy practice-keyboard apparatus. 1,469,750; Oct. 2.
Yellow Cab Company. (See Stouffer, Ralph E., assignor.)
Yemniker, Rudolph M., assignor to The Langenau Manufacturing Company, Cleveland, Ohio. Fastening device. 1,451,356; Apr. 10.
Yenetis, James P. (See Peterson, G. W., and Yenetis.)
Yensen, Douglas, Roseberry, Idaho. Securing calks to horseshoes. 1,453,899; May 1.
Yensen, Trygve D., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Magnetizable meter vane. 1,454,878; May 15.
Yent, Albert G., Jeffersonville, Ind., assignor to American Car and Foundry Company, New York, N. Y. Hydrocarbon burner. 1,470,418; Oct. 9
Yeomans, Lucien I., assignor to Pioneer Production Company, Chicago, Ill. Time-study watch. 1,476,749; Dec. 11.
Yerger, Charles W., Washington, D. C., assignor to The Cutler-Hammer M'f'g Co., Milwaukee, Wis. Motor controller. 1,452,542; Apr. 24.
Yerger, Charles W., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Motor controller. 1,460,562; July 3.
Yerger, Charles W., Boston, Mass., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Circuit controller. 1,474,991; Nov. 20.
Yergey, Merlin L. (See Weber, W. S., and Yergey.)
Yerkes, Hulbert A., Forest Hills, N. Y., assignor to Columbia Graphophone Manufacturing Company, Bridgeport, Conn. Phonograph cabinet. Des. 63,095; Oct. 2.
Yerkes, Hulbert A., Forest Hills, N. Y., assignor to Columbia Graphophone Manufacturing Company, Bridgeport, Conn. Phonograph cabinet. Des. 63,096; Oct. 2.
Yerrick Manufacturing Co. (See Harburg, James E., assignor.)
Yerxa, Winslow, Delburne, Alberta, Canada. Reaming tool. 1,452,103; Apr. 17.
Yetman, Oscar B., and J. Leisure, Coffeyville, Kans. Oil tester. 1,474,807; Nov. 20.
Yetter, Frank J., Greenfield, Mass. Clip or staple. 1,454,783; May 8.
Yetter, John C., Chicago, Ill. Means and methods for drying printed paper. 1,472,450; Oct. 30.
Yewell, James M., Louisville, Ky., assignor to International Heating Company, Los Angeles, Calif. Air-heating apparatus. 1,448,985; Mar. 20.
Yezek Frank A., Plymouth, Iowa. Posthole digger. 1,464,231; Aug. 7.
Yingling, Frank B., assignor to Columbia Machine Tool Co., Hamilton, Ohio. Shaper. 1,449,719; Mar. 27.
Yirikian, John, New York, N. Y. Vertically-split attachment for removable dental bridgework. 1,449,079; Mar. 20.
Yockey, Arthur M. (See Leatherman, R. L., and Yockey.)
Yocom, Alvin M., Pottstown, Pa. Tank closure. 1,476,566; Dec. 4.
Yoder, Guldin G., Boyertown, Pa. Hat holder. 1,450,535; Apr. 3.
Yoder, Harley I. (See Whewell, J., and Yoder.)
Yoders, Irvin G., and J. C. Filby, Washington, Pa. Hose clamp. 1,442,209; Jan. 16.
Yoders, Irvin G., and J. C. Filby, Washington, Pa. Connector link for tire chains. 1,451,856; Apr. 17.
Yokel, Frank, Avalon, Pa. Lamp shade. Des. 62,113; Mar. 20.
Yokel, Frank, Pittsburgh, Pa. Building construction. 1,462,841; July 24.
Yokel, Frank, assignor to Wm. B. Young Co., Philadelphia, Pa. Lamp shade. Des. 61,933; Feb. 13.
Yokel, Frank, assignor to Wm. B. Young Co., Philadelphia, Pa. Lamp column. Des. 61,940; Feb. 13.
Yokel, Frank, assignor to Wm. B. Young Co., Philadelphia, Pa. Lamp base. Des. 61,941; Feb. 13.
Yokel, Frank, Hartford, Conn., assignor to Dallas Brass & Copper Co., Chicago, Ill. Lighting fixture. Des. 63,249; Nov. 6.
Yokel, Frank, Avalon, assignor to Wm. B. Young Co., Philadelphia, Pa. Lamp standard. Des. 62,370; May 15.
Yokel, Frank, Avalon, assignor to Pittsburgh Lamp, Brass & Glass Company, Pittsburgh, Pa. Lamp standard Des. 63,274; Nov. 13.
Yokel, Frank, Avalon, assignor to Pittsburgh Lamp, Brass & Glass Company, Pittsburgh, Pa. Lamp standard. Des. 63,349; Nov. 20.
Yokel, Frank, Avalon, assignor to Pittsburgh Lamp, Brass & Glass Company, Pittsburgh, Pa. Lamp standard. Des. 63,350; Nov. 20.
Yokosawa, Katsuichi, and K. Miyazaki, Los Angeles, Calif; said Yokosawa assignor to said Miyazaki. Flytrap. 1,471,086; Oct. 16.
Yokoyama, Fukutaro, Tokyo, Japan. Electric pocket lamp with signal pane and compass. 1,459,274; June 19.
Yonge, Laurie W., Jacksonville, Fla. Locking device for automobile starters. 1,455,697; May 15.
Yonge, Laurie W., Jacksonville, Fla. Locking device for automobile starters. 1,467,664; Sept. 11.
Yont, Charles A., assignor to The Flint Electric and Manufacturing Company, Denver, Colo. Oil-circuit closer. 1,450,403; Apr. 3.
Yorgensen, Paul L. L., assignor of one-half to A. J. Gengras, Hartford, Conn. Swimming appliance. 1,455,826; May 22.
York, Curt, Memphis, Tenn. Cutting device for pneumatic tires. 1,443,303; Jan. 23.
York, Edgar L., assignor to Oasis Manufacturing Co., Peoria, Ill. Ironing machine. 1,444,823; Feb. 13.
York, James H., Etowah, Tenn. Combination tool. 1,475,104; Nov. 20.
York, Margaret A., New York, N. Y. Child's costumer. Des. 62,076; Mar. 13.
York, Victor, Los Angeles, Calif. Key adjuster for connecting-rod bearings. 1,460,877; July 3.
York, William X., Clinton, Ind. Adjustable window shade and curtain support. 1,451,453; Apr. 10.
Yorks, Julius, Boston, Mass. Tank valve. 1,475,670; Nov. 27.
Yoshida, Ichitaro, and K. Matsubayashi, Osaka, Japan. Horseshoe. 1,458,869; June 12.
Yoshinaga, Bunzuchi, Vancouver, Wash. Marker. 1,455,160; May 15.
Yost, Joseph, New York, N. Y. Toy whistle. Des. 62,541; June 19.
Yotta, Hannibal A., Elizabeth, N. J. Tool. 1,448,895; Mar. 20.
Youkin, Galvin S. (See Franklin, S. B., and Youkin.)
Youlen, Elsie A., Los Angeles, Calif. Shopping bag. Des. 63,127; Oct. 9.
Youlten, William, Hove, assignor to H. S. Foster, Westminster, and L. N. Schoenfeld, Hove, England. Machine for opening and cleaning cotton, wool, and other fibers. 1,462,458; July 17.
Youlten, William, Hove, assignor to H. S. Foster, Westminster, and L. N. Schoenfeld, Hove, England. Machine for opening and cleaning fibrous material. 1,462,459; July 17.
Youmans, William R., assignor to The Ironton Engine Company, Ironton, Ohio. Electric locomotive. 1,466,011; Aug. 28.
Young, Adam F., San Jose, Calif. Gear puller. 1,462,437; July 17.
Young, Albert F., Brooklyn, N. Y. Suspenders, clasp, and connection therefor. 1,446,867; Feb. 27.
Young, Albert J., Baltimore, Md., assignor of one-half to H. G. Wischmann, Brooklyn, N. Y. Port-plug wrench 1,478,503; Dec. 25.
Young, August, New York, N. Y. Pumping device for player pianos. 1,442,507; Jan. 16.
Young, Bengt J., Minneapolis, Minn. Tire tool. 1,459,490; June 19.
Young, Carl, Chicago, Ill. Wheel. 1,469,867; Oct. 9.
Young, Carl L. (See Faubert, V. T., Anekee, Young.)
Young, Charles A., Bristol, and J. H. Woodington, Clevedon, England. Machine for fixing heels to boots and shoes. 1,443,780; Jan. 30.
Young, Charles D., Philadelphia, Pa. Joint bar. 1,473,753; Nov. 13.
Young, Charles D., Philadelphia, Pa. Rail-joint insulation. 1,474,700; Nov. 20.
Young, Charles H., jr., Wayne, Pa., assignor to Hale Fire Pump Co., Inc., Conshohocken, Pa. Pump romotor. 1,446,366; Feb. 20.
Young, Charles O. (See Curme, G. O., jr., and Young.)
Young, Charles O., Elmhurst, N. Y., assignor to Carbide & Carbon Chemicals Corporation. Making chlorhydrins. 1,456,959; May 29.
Young, Clifford C., Des Moines, Iowa. Valve-spring lifter. 1,458,374; June 12.
Young, Clifford H., St. Louis, Mo. Steering mechanism for vehicles. 1,473,691; Nov. 13.
Young, Daniel J., assignor to Young-Whitwell Gas Process Company, Tacoma, Wash. Making illuminating gas. 1,468,190; Sept. 18.
Young, Donald H., Chicago Heights, assignor to American Manganese Steel Company, Chicago, Ill. Centrifugal pump for dredging and conveying solids. 1,448,174; Mar. 13.
Young, Edward C., Detroit, Mich. Dirigible spotlight. 1,444,896; Feb. 13.
Young, Edward W. (See Young, J. S., Young, and Schecher.)
Young, Edward W., administrator. (See Young, John S.)
Young, Ernest, New York, N. Y. Electric soldering iron. 1,478,319; Dec. 18.
Young, Ferdinand H., assignor to The Abbott Laboratories, Chicago, Ill. Solution of di-chloramine-T. 1,451,857; Apr. 17.

Young, Frank A., assignor of one-half to K. S. Startup, Sultan, Wash. Safety hook. 1,458,453; June 12.
Young, Frank W. (See Wright, A., and Young.)
Young, George A., Detroit, Mich. Emergency fuel supply for tanks. 1,440,520; Jan. 2.
Young, George R., Huntington, N. Y., assignor, by mesne assignments, to Young Sand and Gravel Corporation, New York, N. Y. Separating. 1,465,010; Aug. 14.
Young, George R., Huntington, assignor, by mesne assignments, to Young Sand and Gravel Corporation, New York, N. Y. Apparatus for separating sand. 1,467,348; Sept. 11.
Young, Harry W., assignor of one-half to W. Fischer, Milwaukee, Wis. Plumb and level. 1,460,741; July 3.
Young, Harvey L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Winder-balancing mechanism. 1,455,185; May 15.
Young, Henry R., Muskegon, Mich. Boring and milling machine. 1,442,210; Jan. 16.
Young Iron Works, Inc. (See Hansen, Arthur E., assignor.)
Young, Jacob, and M. L. Frakes, Hennessey, Okla. Transmission release. 1,463,237; July 31.
Young, Jackson B., Oakland, Calif. Automobile signal device. 1,466,220; Aug. 28.
Young, James B., Cumberland, Ind. Automobile bed. 1,473,413; Nov. 6.
Young, James M., Anderson, Ind., assignor to Obear-Nester Glass Company, St. Louis, Mo. Glass-blowing machine. 1,458,454; June 12.
Young, James M., East St. Louis, Ill., assignor to Obear-Nester Glass Company, St. Louis, Mo. Take-out and delivery device for glass-blowing machines. 1,458,455; June 12.
Young, James M., assignor to Obear-Nester Glass Company, St. Louis, Mo. Take-out and steadying device for glass-blowing machines. 1,458,456; June 12.
Young, John, Caldwell, N. J., and E. G. Croakman, Buffalo, assignors to National Aniline & Chemical Company, Inc., New York, N. Y. Production of diarylguanidines. 1,446,818; Feb. 27.
Young, John S., deceased, by E. W. Young, administrator, E. W. Young, and J. L. Schecher, assignors to J. L. Schecher, Los Angeles, Calif. Caster. Re15,570; Apr. 3.
Young, Joseph F., Morristown, N. J. Safety portable scaffold. 1,471,304; Oct. 16.
Young, L. A., Industries, Inc. (See Backus, Hubert V., assignor.)
Young, L. A., Industries, Inc. (See Falls, William A., assignor.)
Young, L. A., Industries, Incorporated. (See Holtfoth, Joachim T., assignor.)
Young, L. A., Industries, Inc. (See Reidenbach, Herman O., assignor.)
Young, Leonard A., Highland Park, Mich. Spring-seat construction. 1,451,935; Apr. 17.
Young, Leonard A., Detroit, Mich. Forming compound springs. 1,451,936; Apr. 17.
Young, Le Roy S., assignor to Barbee Wire and Iron Works, La Fayette, Ind. Fan guard. 1,448,896; Mar. 20.
Young, Ralph I., Odell, Nebr. Lubricating device. 1,469,760; Oct. 2.
Young, Robert S. (See Purnell, W. J., Chase, and Young.)
Young, Rowland L., East Orange, N. J., assignor to American Telephone and Telegraph Company. Storage-battery circuit. 1,468,096; Sept. 18.
Young Sand and Gravel Corporation. (See Young, George R., assignor.)
Young, Sanford C., Erie, Pa., assignor to American Time Lock Company; W. C. Kramer, trustee. Fraudless ballot-marking machine. 1,476,567; Dec. 4.
Young, Walter E., Syracuse, N. Y. Belt buckle. 1,448,897; Mar. 20.
Young, Walter H., Detroit, Mich. Screw-cutting machine. 1,472,622; Oct. 30.
Young, Walter W., Parker, S. Dak. Battery carrier. 1,461,995; July 17.
Young-Whitwell Gas Process Company. (See Young, Daniel J., assignor.)
Young, William A., and F. Brill, Milwaukee, assignors to Pawling and Harnischfeger Company, West Milwaukee, Wis. Electric-cable-winding mechanism. 1,476,941; Dec. 11.
Young, William R., assignor to himself and S. K. Greene, Brooklyn, N. Y. Rock crusher. 1,459,130; June 19.
Young, William T., Oil City, Pa. Power plant. 1,445,381; Feb. 13.
Young, Willis B., Olympia, Wash. Attachment for internal-combustion motors. 1,456,527; May 29.
Young, Wm. B., Co. (See Yokel, Frank, assignor.)
Youngberg, Carl E., Seattle, Wash. Lever and locking device. 1,442,592; Jan. 16.
Youngblood, James A., Dallas, Tex. Method of and means for reenforcing wall foundations. 1,451,799; Apr. 17.
Youngblood, Joseph C., Atwood, Kans. Fuelizer and preheater. 1,476,942; Dec. 11.
Younger, Charles D., assignor of one-half to B. R. Vogt, Edgeley, N. Dak. Fly swatter. 1,444,720; Feb. 6.
Younger, Frank, Wallace, Calif. Sanitary dispensing apparatus. 1,463,415; July 31.
Younger, Frank J., assignor of twenty-six one-hundredths to M. H. Roeber and fifteen one-hundredths to J. Calcaterra, Wallace, Calif. Sanitary dispensing apparatus. 1,449,571; Mar. 27.
Younger, Frank J., assignor of twenty-six one-hundredths to M. H. Roeber and fifteen one-hundredths to J. Calcaterra, Wallace, Calif. Standard or base for dispensing apparatus. Des. 62,129; Mar. 27.
Younger, Orville A., Denver, Colo. Milling tool for bearings. 1,444,649; Feb. 6.
Youngson, James, assignor of one-half to M. D. Gantt, Winston-Salem, N. C. Boat propulsion means. 1,451,412; Apr. 10.
Youngstown Pressed Steel Company, The. (See Curtis, Lewis E., assignor.)
Youngstown Sheet and Tube Company, The. (See James, Edward, assignor.)
Yount, Frank H. (See Yount, Thomas J., assignor.)
Yount, Thomas J., assignor to F. H. Yount, Indianapolis, Ind. Steak and chop cutter. 1,465,923; Aug. 21.
Yu Chen Lai, New York, N. Y. Sesame flour and making the same. 1,470,929; Oct. 16.
Yumura, Gentaro, Tokyo-Fu, Japan. Brick. 1,446,238; Feb. 20.
Yumura, Gentaro, Tokyo-Fu, Japan. Electric pole. 1,446,239; Feb. 20.
Yunck, John A., South Orange, N. J. Ingot of refractory metals and making same. 1,469,761; Oct. 2.
Yungstrom, Knut E., White Plains, N. Y. Repeating mechanism for phonographs. 1,453,966; May 1.
Yurcich, Fred, Farrell, Pa. Wire reel. 1,443,450; Jan. 30.
Yurow, Andrew, New York, assignor to S. M. Elowsky, Brooklyn, N. Y. Lock. 1,461,692; July 10.
Yuskiewicz, Wilem, Brockton, Pa. Ash sifter. 1,468,339; Sept. 18.
Zaayer, William S., Columbus, Ohio. Stylus. 1,444,147; Feb. 6.
Zabel, Bruno. (See Zabel, Charles, assignor.)
Zabel, Charles, Coraopolis, assignor to B. Zabel, Pittsburgh, Pa. Mechanical toy. 1,469,710; Oct. 2.
Zach, John. (See Karpal, Sam, assignor.)
Zachariadis, Theophilus, London, England. Spinning mill. 1,474,130; Nov. 13.
Zachariadis, Theophilos, London, England. Apparatus for drawing and twisting slivers and the like. 1,474,131; Nov. 13.
Zacharias, August, Minneapolis, Minn. Auxiliary heater. 1,440,810; Jan. 2.
Zacharias, Christian, et al. (See Barr, Harry R., assignor.)
Zacharias, Robert M., assignor to The Standard Parts Company, Cleveland, Ohio. Rim. 1,447,199; Mar. 6.
Zachary, Charles E., Atlanta, Ga. Air-brake test valve. 1,451,644; Apr. 10.
Zachary, James W., et al. (See Pearce, Charles E., assignor.)
Zachary, Wyatt W., Pine Bluff, Ark. Invalid bed. 1,443,667; Jan. 30.
Zacher, Warner F., Fargo, N. Dak. Changeable sign. 1,447,918; Mar. 6.
Zachow, Otto, Clintonville, Wis. Device for grinding water meters. 1,454,009; May 1.
Zachry, Walter H., Atlanta, Ga. Detachable handle for brooms. 1,464,896; Aug. 14.
Zachry, Walter H., Atlanta, Ga. Mop. 1,476,317; Dec. 4.
Zachry, Walter H., Atlanta, Ga. Mop. 1,476,318; Dec. 4.
Zackow, Frank H., Tacoma, Wash. Curtain. 1,468,433; Sept. 18.
Zadig, Ernest A., Chicago, Ill. Rectifier or converter. 1,454,144; May 8.
Zahn, Charles A., Merrill, Wis. Vehicle curtain. 1,454,098; May 8.
Zahn, Edith L. (See Zahn, Oswald F., assignor.)
Zahn, Oswald F., assignor to E. L. Zahn, Los Angeles, Calif. Airship. 1,447,584; Mar. 6.
Zahner, Edward J., Laporte, Ind. Metallic-door seam. 1,444,229; Feb. 6.
Zahner, Edward J., Laporte, Ind. Metallic door. 1,471,020; Oct. 16.
Zaiden, David, East Orange, N. J. Mechanical doll. 1,452,134; Apr. 17.
Zaiser, Carl J., assignor to American Metal Products Company, Milwaukee, Wis. Alloy. 1,452,232; Apr. 17.
Zajic, Joseph, Jersey City, N. J. Coupling. 1,462,406; July 17.
Zajicek, Joseph, jr., New York, N. Y. Ear and nail cleaner. 1,468,894; Sept. 25.
Zakman, Michael. (See Hampel, Karl, assignor.)
Zalkind, Philip, New York, N. Y. Container. 1,470,705; Oct. 16.
Zaloom, Salim F., New York, N. Y., assignor to Royal Nut Company. Preserving compound for pistachio nuts. 1,460,510; July 3.
Zamora, Ernesto, Eva, Tex. Windmill governor. 1,453,427; May 1.
Zander, Alex L., St. Paul, Minn. Top. 1,461,843; July 17.
Zander, John, Chicago, Ill. Valve device. 1,468,434; Sept. 18.
Zander, John, Chicago, Ill. Distillation apparatus. 1,468,435; Sept. 18.

Zander, John, Chicago, assignor to Geo. D. Roper Corporation, Rockford, Ill. Gas mixer. 1,476,232; Dec. 4.
Zanella, Apollony, Helena, Mont. Buffer. 1,475,916; Nov. 27.
Zangrilli, Joseph, New York, N. Y. Pin clasp. 1,460,998; July 3.
Zanolini, Italo, Berkeley, Calif. Automatic feeder for roll-film cameras. 1,468,191; Sept. 18.
Zanone, Richard J., New Albany, Ind. Scale. 1,444,019; Feb. 6.
Zapis, William, Jersey City, N. J. Shoe lacing. 1,474,396; Nov. 20.
Zappia, Domenic, Cleveland, Ohio, assignor to Paramount Rubber Consolidated, Inc., Little Falls, N. J. Doll. Des. 62,809; July 31.
Zardinoni, Faust, assignor of one-half to V. L. Monaco, Chicago, Ill. Dumping truck. 1,447,003; Feb. 27.
Zarrelli, Gaspero, Vancouver, British Columbia, Canada. Boot-polishing machine. 1,475,671; Nov. 27.
Zaugg, Albert. (See Kaiserman, A., and Zaugg.)
Zbinden, Herman O. (See Marquis, J. A., and Graves, assignors.)
Zdanowich, Joe O., London, England. Manufacture of acetose. 1,445,382; Feb. 13.
Zdanowich, Joe O., London, England. Cellulose acetate. 1,457,131; May 29.
Zdunek, Walenty. (See Niemiec, J., and Zdunek.)
Zdzieblo, John, Irvington, N. J. Feed bag for horses. 1,474,922; Nov. 20.
Zearing, Robert M., jr., and C. J. Ottenthal, Philadelphia, Pa., assignors to said Zearing. Fountain shaving brush. 1,443,910; Jan. 30.
Zebra, Willy, New York, N. Y. Match box. 1,454,529; May 8.
Zeck, Charles, Detroit, Mich. Match safe. Des. 63,385; Nov. 27.
Zederbohm, Willy, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Gesellschaft mit beschränkter Haftung, Berlin, Germany. Starting electric motors. 1,467,745; Sept. 11.
Zeh, Edmund W., Newark, N. J. Power press. 1,449,849; Mar. 27.
Zeh, Edmund W., Newark, N. J. Power tile press. 1,456,752; May 29.
Zeh, Ludwig. (See Kramer, E., and Zeh.)
Zehrer, John G., Browns Valley, Minn. Pipe grapple. 1,460,397; July 3.
Zehringer, John W., Winthrop, Mass. Combined backwater valve and flushing system. 1,448,898; Mar. 20.
Zehrlaut, Dr. H., & Co. (See Dickescheid, Josef, assignor.)
Zeigg, Firm of Carl. (See Mackensen, Otto, assignor.)
Zeigler, Benjamin F., Fort Worth, Tex. Crane attachment for handling well-drilling bits and the like. 1,477,095; Dec. 11.
Zeigler, Charles W. (See Harris, Everett, assignor.)
Zeis, George J., assignor to The Wiggler Corporation, Buffalo, N. Y. Vehicle signal. 1,449,480; Mar. 27.
Zeiss, Carl. (See Bauersfeld, Walther, assignor.)
Zeiss, Carl. (See Merté, Willy, assignor.)
Zeiss, Firm Carl. (See Henker, Otto, assignor.)
Zeiss, Firm Carl. (See König, Albert, assignor.)
Zeiss, Firm of Carl. (See Bauersfeld, Walther, assignor.)
Zeiss, Firm of Carl. (See Eppenstein, Otto, assignor.)
Zeiss, Firm of Carl. (See Erfle, Heinrich, assignor.)
Zeiss, Firm of Carl. (See Meyer, Franz, assignor.)
Zeiss, firm of Carl. (See Pulfrich, Carl, assignor.)
Zeiss, Firm of Carl. (See Rockstroh, Otto, assignor.)
Zeiss, Firm of Carl. (See Sander, Willy, assignor.)
Zeiss, Firm of Carl. (See Siedentopf, Henry, assignor.)
Zeiss, Firm of Carl. (See Villiger, W., and Mechau, assignors.)
Zeiss, Firm of Carl. (See Wandersleb, Ernst, assignor.)
Zeiss, Firm of Carl. (See Wigand, Albert, assignor.)
Zeissler, Johannes K., Altona, Germany, assignor, by mesne assignments, to The Chemical Foundation, Inc. Solution of albumin containing medicinal and immunizing substances. 1,472,316; Oct. 30.
Zelan, Anthon, Turners Falls, Mass. Extensible picture frame. 1,446,367; Feb. 20.
Zelko Frank, Joliet, Ill. Wall slab. 1,473,533; Nov. 6.
Zell, Carl A., and W. F. Straub, Chicago, Ill., assignors to Zell-Straub Laboratories, Incorporated. Biological product. 1,476,233; Dec. 4.
Zell, David H., Incorporated. (See Sundin, Oscar T., assignor.)
Zell-Straub Laboratories, Incorporated. (See Zell, C. A., and Straub, assignors.)
Zellers, Mahlon M., Belleville, Ill. Attachment for ironing boards. 1,450,274; Apr. 3.
Zelnicker, Walter A. (See McLeod, Nelson W., assignor.)
Zelnicker, Walter A. (See Taylor, Edward N., assignor.)
Zeman, Frank, Little Falls, Minn. Car lock. 1,459,812; June 26.
Zeman, Mathew, Cleveland, Ohio. Steel sash connection. 1,453,822; May 1.
Zempel, Edward A. (See Johnson, E. D., and Zempel.)
Zengerle, Walter C., assignor to Franzengerle Company, Cleveland, Ohio. Cradle or creeper for automobile work. 1,451,858; Apr. 17.
Zenite Metal Company. (See Brown, Fred E., assignor.)
Zenke, Henry C., Richmond Hill, N. Y. Metal-molding apparatus. 1,453,861; May 1.
Zenke, Henry C., Richmond Hill, N. Y. Metal-molding apparatus. 1,462,186; July 17.
Zenker, Fredrick. (See Ball, A. P., and Zenker.)
Zent, Wayne P., Troy, N. Y. Linotype matrix. 1,443,781; Jan. 30.
Zents, Raymond P., Omaha, Nebr. Concrete insert. 1,463,863; Aug. 7.
Zepka, Ludwig R., Cleveland, Ohio. Theft signal. 1,449,964; Mar. 27.
Zepka, Ludwig R., Cleveland, Ohio. Theft signal. 1,449,965; Mar. 27.
Zepka, Ludwig R., Cleveland, Ohio. Theft signal. 1,469,570; Oct. 2.
Zepka, Ludwig R., Cleveland, Ohio. Theft signal. 1,473,272; Nov. 6.
Zeppelinwerke Lindau, Gesellschaft mit beschrankter Haftung. (See Dornier, Claudius, assignor.)
Zerbe, Lewis E., Moneta, assignor to Union Tool Company, Torrance, Calif. Bushing retainer for rotary-drill tables. 1,475,360; Nov. 27.
Zerby, Rayborn L. (See Kollmorgen, W. J., and Zerby.)
Zerk, Oscar, assignor to The Allyne-Zerk Company, Cleveland, Ohio. Lubricating apparatus. 1,475,980; Dec. 4.
Zerrman, Otto H. (See Ellis, T., and Zerrmann.)
Zetlin, Benjamin, assignor to A & Z Chain Company, Providence, R. I. Belt clasp. 1,477,680; Dec. 18.
Zettel, Herbert A., St. Paul, Minn. Airplane. 1,463,917; Aug. 7.
Zetterbaum, Sol, New York, N. Y. Route indicator. 1,471,439; Oct. 23.
Zetterlund, Carl, Chicago, Ill. Clutch. 1,447,585; Mar. 6.
Zeunges, William. (See Fuci, F. A., and Zeunges.)
Zickler, William W., Mullan, Idaho. Miner's lamp. 1,455,130; May 15.
Ziebold, Henry, sr., Woodlawn, Ohio. Burner. 1,451,751; Apr. 17.
Ziebold, Henry, sr., Lockland, Ohio. Burner. 1,451,752; Apr. 17.
Zieg, F. B., Manufacturing Company. (See Gould, John N., assignor.)
Ziegler, Charles E., Pittsburgh, Pa. Umbilical-cord clamp. 1,440,574; Jan. 2.
Ziegler, Edward E., Philadelphia, Pa. Hand vibrator. 1,446,491; Feb. 27.
Ziegler, Everett J., Hartford City, Ind. Gearless differential transmission mechanism. 1,463,356; July 31.
Ziegler, George J., Los Angeles, Calif. Tractor transmission. 1,459,491; June 19.
Ziegler, William F., Salina, Kans. Corn harvester. 1,456,206; May 22.
Zierick, Ambrose E., New York, N. Y. Automobile lock. 1,454,099; May 8.
Zierten, Nicholas, Albany, Calif. Rivet. 1,473,137; Nov. 6.
Ziesel, William, Philadelphia, Pa. Dental lancet for surgical treatment of pyorrhea. 1,455,374; May 15.
Ziffer, Fritz. (See Leiser, R., and Ziffer.)
Zifferer, Lothar R., Lancaster, Pa. Adjustable flange. 1,462,187; July 17.
Zifferer, Lothar R., Lancaster, Pa. Pipe hanger. 1,477,621; Dec. 18.
Ziganek, Ferdinand. (See Copony, A., and Ziganek.)
Zilbersher, Abraham, New York, N. Y. Road and street cutter. 1,446,368; Feb. 20.
Zilen, Victor W. (See Harris, H. M., and Zilen.)
Zilliox, John, Orchard Park, N. Y. Making key bolts. 1,446,080; Feb. 20.
Zilliox, John, Orchard Park, N. Y. Luggage carrier for automobiles. 1,449,481; Mar. 27.
Zilocki, Giordano, Granton, assignor of thirty per cent to N. Partenope, West New York, N. J. Reversing mechanism for drive shafts. 1,450,536; Apr. 3.
Zilocki, Giordano, Granton, assignor of 30 per cent to M. A. Monzione, North Bergen, N. J. Drilling machine. 1,460,219; June 26.
Zimansky, Curt F. (See Price, G. W., and Zimansky.)
Zimansky, Curt F., assignor to G. W. Price Pump and Engine Company, San Francisco, Calif. Pump shaft-centering device. 1,443,516; Jan. 30.
Zimmer, Albert E. (See Campbell, A., and Zimmer.)
Zimmer, Frank, Middleburgh, N. Y. Motor-sled unit. 1,441,620; Jan. 9.
Zimmer, Henry C. F., St. Paul, Minn. Box cover. 1,468,852; Sept. 25.
Zimmer, Paul, Wurzburg, Germany. Machine for the manufacturing of sweetmeats. 1,465,326; Aug. 21.
Zimmerer, William, administrator. (See Cain, J. E., and Falkenbach.)
Zimmerman, Albert L., Valparaiso, Ind. Engine-testing pump. 1,477,796; Dec. 18.
Zimmerman, Alonzo, Amsted, W. Va. Trolley switch. 1,450,057; Mar. 27.
Zimmerman, Arthur, Brooklyn, N. Y. Household utensil. 1,453,777; May 1.
Zimmerman, Frank W., Amarillo, Tex. Drill. 1,461,791; July 17
Zimmerman, George R., Brooklyn, N. Y. Doll. Des. 62,766; July 24.
Zimmerman, Gustav B. A., Bellmore, N. Y. Automobile signal. 1,467,349; Sept. 11.
Zimmerman, Levi, West Newton, Pa. Door closer. 1,446,407; Feb. 20.

Zimmerman, Lewis L., Miami, Okla. Display rack. 1,445,123; Feb. 13.
Zimmerman, Robert M., assignor of one-half to G. Z. Daniels, Milwaukee, Wis. Pneumatic ball valve. 1,449,209; Mar. 20.
Zimmerman, Thomas, Cleveland, Ohio, assignor to The Standard Parts Company. Axle. 1,446,240; Feb. 20.
Zimmermann, Alois, Yakima, Wash. Combination rear light and signal for automobiles. Des. 62,516; June 12.
Zimmermann, Alois, Yakima, Wash.; H. C. Kohls, guardian of the person and estate of said Alois Zimmermann, incompetent. Automobile signal. 1,442,593; Jan. 16.
Zimmermann, Edward, jr., Hudson Heights, N. J. Reflector. Des. 62,077; Mar. 13.
Zimmermann, Friedrich, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Car register. 1,446,369; Feb. 20.
Zimmermann, G. (See Seitz, Adam, assignor.)
Zimmermann, Otto, Ludwigshafen-on-the-Rhine, Germany. Drying apparatus. 1,467,219; Sept. 4.
Zimmermann, Paul G., Keyport, N. J., assignor to J. V. Martin, Elyria, Ohio. Driving mechanism for airships. Re15,550; Feb. 27.
Zimmermann, Raul F., Buenos Aires, Argentina. Electrical heating device. 1,464,255; Aug. 7.
Zimmermann, William F., Maplewood, N. J., assignor to Gould & Eberhardt, Newark, N. J. Simplified spur-hobbing machine. 1,472,767; Oct. 30.
Zimmers, Joseph B., Chicago, Ill. Upholstery finish. 1,448,986; Mar. 20.
Zindel, Ernst, assignor to the Firm Scharer-Nussbaumer & Co., Erlenbach, Switzerland. Winding machine. 1,461,641; July 10.
Zingman, Samuel J., New York, N. Y. Combination lock. 1,460,932; July 3.
Ziniker, Edward, Eugene, Oreg. Garden fountain. Des. 63,165; Oct. 30.
Zink, Fred W., assignor to Kales Stamping Company, Detroit, Mich. Mirror support. 1,473,273; Nov. 6.
Zink, George J., San Francisco, Calif. Spiral rope and cable grip. 1,458,261; June 12.
Zink, H. J., et al. (See Dungan, John E., assignor.)
Zinke, Alois, Gratz, Austria. Manufacturing dioxyperylene. 1,454,205; May 8.
Zinke, Alois, Gratz, assignor to H. Pereira, Vienna, Austria. Manufacturing dioxyperylene and perylene. 1,454,204; May 8.
Zinser, Henry, New York, N. Y. Window shade. 1,477,159; Dec. 11.
Zint, Frank W., Springfield, assignor to Montgomery Ward & Co., Inc., Chicago, Ill. Feed mechanism for manure spreaders. 1,471,087; Oct. 16.
Zint, George, Wapakoneta, Ohio. Amusement device. 1,447,458; Mar. 6.
Ziola, Edward L., Ashton, Nebr. Animal trap. 1,455,131; May 15.
Zirion y Saravia, Antonio, Mexico, Mexico, and R. M. Rodriguez, assignors to Dermophile Products Company, Inc., New York, N. Y. Box for talcum powders and the like. Des. 62,419; May 22.
Zirsen, Aage N. J., Montreal, Quebec, Canada. Compound for the sharpening of tools. 1,454,369; May 8.
Ziska, Adam, jr., assignor to Harley-Davidson Motor Co., Milwaukee, Wis. Seat. 1,469,136; Sept. 25.
Zitlin, Isadore S., assignor of one-half to M. Zitlin, Chicago, Ill. Radiator. 1,446,819; Feb. 27.
Zitlin, Meyer. (See Zitlin, Isadore S., assignor.)
Zitscher, Arthur. (See Laska, A. L., and Zitscher.)
Zobanaky, George W. (See Neilan, T. J., and Zobanaky.)
Zoeller, August, Sacred Heart, Okla. Cotton cleaner. 1,458,870; June 12.
Zoepke, Fred W. T., Great Falls, Mont. Cutting machine. 1,475,336; Nov. 27.
Zoergiebel, Louis, assignor to The Cleveland Electric Machine and Manufacturing Company, Cleveland, Ohio. Driving mechanism for combined coffee grinders and meat choppers. 1,465,505; Aug. 21.
Zoll, Lowis. (See Pilson, J. R., and Zoll.)
Zöllin, Adolf, Badenweiler, and E. Schreiber, Gundelfingen, Germany. Machine for printing railway tickets and the like. 1,449,801; Mar. 27.
Zöllner, Rudolph, Dresden, Germany. Connection or binding terminal. 1,454,879; May 15.
Zolman, William E., and A. W. Bradshaw, Farmington, Mo. Bold-faced-slug-casting attachment for linotype machines. 1,467,412; Sept. 11.
Zommer, William P., and G. F. Magdziarz, Chicago, assignors to Illinois Gasket Co., Des Plaines, Ill. Gasket-making machine. 1,455,560; May 15.
Zouri Drawn Metals Company. (See Murnane, Daniel J., assignor.)
Zrebiec, Rose, Beaver Falls, Pa. Flower-display holder. 1,474,753; Nov. 20.
Zsarnay, Bela, Belleville, assignor of one-half to A. Lewis, Newark, N. J. Mechanical movement. 1,446,370; Feb. 20.
Zsikay, Stephen, Philadelphia, Pa. Foldable stool. 1,456,840; May 29.
Zsuffa, Louis, New York, N. Y. Combined molding-setting device for circular saws. 1,452,233; Apr. 17.
Zuber, John G., Chicago, Ill. Gauge. 1,474,992; Nov. 20
Zublin, Juan A., Los Angeles, Calif. Means for bailing detritus from a well bore. 1,445,575; Feb. 13.
Zucco, Pierre, San Francisco, Calif. Concrete piling of indefinite length. 1,447,609; Mar. 6.
Zucco, Pierre, San Francisco, Calif. Tunnel construction. 1,474,808; Nov. 20.
Zuck, Nicholas, Rochester, N. Y. Fabric for garments. 1,445,055; Feb. 13.
Zuck, Oral C., Okmulgee, Okla. Cable clamp for well-drilling rigs. 1,467,666; Sept. 11.
Zucker, George L., East Orange, N. J. Elastic hinge for rubber overshoes. 1,447,586; Mar. 6.
Zucker, George W., Atlantic Township, Monmouth County, N. J. Weighing scale. 1,449,254; Mar. 20.
Zucker, Gottlieb F., Chicago, Ill. Combustion-engine-lubricating mechanism. 1,462,894; July 24.
Zucker, Gottlieb F., Chicago, Ill. Windmill. 1,469,064; Sept. 25.
Zucker, Henry Y., Matawan, N. J., assignor to A. P. Munning & Co., New York, N. Y. Buffing wheel. 1,457,807; June 5.
Zuckerman, Adolph M., assignor to R. Hoe and Co., New York, N. Y. Bearing and fountain adjustment for intaglio machines. 1,451,726; Apr. 17.
Zuhars, Benjamin C., Columbus, Ohio, and H. D. Clarke, Los Angeles, Calif., assignors to The Ohio Tractor Company, Columbus, Ohio. Transmission. 1,449,482; Mar. 27.
Zuhars, Benjamin C., and H. D. Clarke, Grand View Heights, Columbus, assignors to The Ohio Tractor Company, Columbus, Ohio. Power take-off. 1,449,572; Mar. 27.
Zukerberg, David, Newark, N. J. Bag. 1,450,570; Apr. 3.
Zukor, Arnold, New York, N. Y. Burglar alarm. 1,453,058; Apr. 24
Zukoski, Edmund L., St. Louis, Mo. Detachable lifter. 1,469,868; Oct. 9.
Zukoski, Edmund L., St. Louis, Mo. Concrete and making same. 1,471,876; Oct. 23.
Zukowski, Stefan, assignor of forty-five per cent to L. Okoniewski, Pascoag, R. I. Sled. 1,453,232; Apr. 24
Zukowski, Stefan, assignor of forty-five per cent to L. Okoniewski, Pascoag, R. I. Sled. 1,472,711; Oct. 30.
Zulich, John, Cleveland, assignor of forty-nine one-hundredths to C. W. Schaefer, Lakewood, Ohio. Casing for laminated springs. 1,476,568; Dec. 4.
Zulver, Cornelis. (See Smith, L. E., Zulver, and Thompson.)
Zu Lynar Passy de Chimang, R. M., New York, N. Y. Airship. 1,478,382; Dec. 25.
Zumdahl, Frederick C., assignor to C. Cotta, Rockford, Ill. Gear chuck. 1,444,721; Feb. 6.
Zumft, Oscar, Kinderhook, N. Y. Gas lighter. 1,478,158; Dec. 18.
Zündfidibuspatentverwertungsgesellschaft m. b. H. (See Bernstein, Johann E., assignor.)
Zunino, Lorenzo, Berkeley, Calif. Pedestal. Des. 62,558; June 19.
Zunino, Lorenzo, Berkeley, Calif. Pedestal. Des. 62,810; July 31.
Zupnik, Joel V., Cleveland, Ohio. Lubricating system for roller bearings. 1,455,981; May 22.
Zurborg, John H., assignor of one-half to J. G. Wilde, Covington, Ky. Gas-saving and carbon-eliminating attachment for automobile gas engines. 1,457,870;
Zur Kammer, August, Hagen, Germany. Tile for walls, floors, ceilings, and the like. 1,474,779; Nov. 20.
Zweig, Henry, and I. Schneiderman, assignors of one-half to F. Ross and one-half to B. Bretan, Brooklyn, N. Y. Watch ring. 1,457,014; May 29.
Zweigbergk, Thorsten, London, England. Electric-motor-control system. 1,457,920; June 5.
Zweigbergk, Thorsten, London, England. Electric-motor-control system. 1,476,569; Dec. 4.
Zweiman, James M., Brooklyn, N. Y. Ticket printing and distributing machine. 1,478,159; Dec. 18.
Zwickey, Clifford J., North St. Paul, Minn. Sport car. 1,450,197; Apr. 3.
Zwilling, Wilhelm, Osnabruck, Germany. Stay bolt. 1,466,686; Sept. 4.
Zwillinger, Bernhard. (See Von Bauer, T., and Zwillinger.)
Zwillinger, Klara, administratrix. (See Von Bauer, T., and Zwillinger.)
Zwisler, Arthur L., Kalamazoo, Mich. Heating stove and radiator therefor. 1,477,681; Dec. 18.
Zwisler, Irvin. (See Evans, B. A., and Zwisler.)
Zyh, Felix, Chicago, Ill. Chafing iron. 1,458,900; June 12.
Zylstra, Joseph. (See Verdoorn, Neal, assignor.)
Zynda, Erick O. (See Andrews, Richard, assignor.)

ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

A. Gazzoni & C., Bologna, Italy. Preparation for coughs. 174,827; Oct. 23; Serial No. 175,600; published Aug. 7, 1923.

A-1 Manufacturing Company, Philadelphia, Pa. Metal polish. 175,119; Oct. 30; Serial No. 176,318; published Aug. 7, 1923.

A-B Stove Company, Battle Creek, Mich. Gas ranges. 169,260; June 12; Serial No. 172,073; published Mar. 13, 1923.

A. and G. Co., St. Louis, Mo. Applicators for the lips. 170,485; July 17; Serial No. 172,409; published Apr. 17, 1923.

A. & H. Auto Products Company. (See Hagel, Albert.)

A. & H. Ross Co., The, Hudson, N. Y. Metal polish, hand soap, and washing cream. 163,531; Jan. 16.

A-I Manufacturing Co., Bradford, England. Electric welding machines and parts thereof and electric tools for welding purposes and parts thereof. 172,808; Sept. 11; Serial No. 125,101; published June 5, 1923.

A. & P. Products Corporation, The, Jersey City, N. J. Canned salmon. 174,657–8; Oct. 23; Serial Nos. 179,696–7; published July 31, 1923.

A/S Blyantfabrikken Viking, Copenhagen, Denmark. Pencils. 177,700; Dec. 25; Serial No. 183,131; published Oct. 9, 1923.

A/S Ferrosan, Copenhagen, Denmark. Medicinal iron preparation. 169,686; June 26; Serial No. 166,430; published Mar. 27, 1923.

A/S Ferrosan, Copenhagen, Denmark. Neutral constant iron preparation for use as blood generation, etc. 170,074; July 10; Serial No. 166,216; published Mar. 20, 1923.

A. & S. Levy Co., New York, N. Y. Dresses, women's robes and gowns, suits, coats, and waists. 177,647; Dec. 25; Serial No. 172,001; published July 3, 1923.

A. & Z. (See Zes, James.)

A-B-C Auto Radiator Works. (See Shapiro, Charles H.)

A. L. T. Rustic Company, Belvedere, Ill. Ornamental stonework articles. 174,258; Oct. 9; Serial No. 177,518; published July 10, 1923.

Abbott, Donald B., Auburn, Me. Shoes made of leather and leather and rubber combined. 164,084; Feb. 13.

Abbott, Frederick J., doing business as Crystal Petroleum Products Corporation, Los Angeles, Calif. Motor fuel oil. 164,702; Feb. 27.

Abbott, Frederick J., doing business as Crystal Petroleum Products Corporation, Los Angeles, Calif. Motor fuels. 174,418; Oct. 16; Serial No. 180,406; published July 17, 1923.

Abbott, Hall & Co., also doing business as John Braadland, Ltd., and Venus Packing Co., Boston, Mass. Canned fish. 173,753; Oct. 2; Serial No. 177,580; published July 3, 1923.

Abbott Laboratories, Chicago, Ill. Preparation for the prevention and treatment of sunburn. 174,510; Oct. 16; Serial No. 179,914; published July 24, 1923.

Abbott Laboratories, Chicago, Ill. Butyl aminobenzoate. 175,095; Oct. 30; Serial No. 179,913; published Aug. 7, 1923.

Abbott Laboratories, Chicago, Ill. N-butyl-ethyl-barbituric acid. 175,580; Nov. 6; Serial No. 181,233; published Aug. 21, 1923.

Abbey Effervescent Salt Company, Inc., New York, N. Y. Dry chemical mixture or effervescent salt. 167,597; May 1; Serial No. 169,695; published Feb. 6, 1923.

Abbreviated Kansas City Macaroni Co., The. (See Kansas City Macaroni & Importing Co.)

Abeco Beverage Company, Boston, Mass. Beverages and ginger ale sold as soft drinks and extracts, flavors, sirups, etc., used in preparation of same. 168,258; May 15; Serial No. 171,605; published Feb. 27, 1923.

Abeeco Mill, Inc., New York, N. Y. Artificial-silk waste partly prepared. 175,547; Nov. 6; Serial No. 179,912; published Aug. 21, 1923.

Abel-Jensen Laboratories, Chicago, Ill. Alkaline salts. 170,815; July 24; Serial No. 171,884; published Apr. 24, 1923.

Abele Bottling Works. (See Abele, Henry G.)

Abele, Henry G., doing business as Abele Bottling Works, Peekskill, N. Y. Beverages sold as soft drinks and sirup for making same. 164,428; Feb. 20.

Abels, Sophie, Plainfield, N. J. Healing salve for all swelling and cancer. 167,596; May 1; Serial No. 169,696; published Jan. 9, 1923.

Abelson, L., & Son, New York, N. Y. Boys' suits and coats. 175,213; Oct. 30.

Aberdeen Creamery Company, Aberdeen, Miss. Butter. 167,384; May 1; Serial No. 164,793; published Jan. 30, 1923.

Aberfoyle Mfg. Co., Chester, Pa. Cotton piece goods. 167,887; May 8; Serial No. 167,968; published Feb. 13, 1923.

Abilene Flour Mills Co., The, Abilene, Kans. Wheat flour. 172,596; Sept. 11; Serial No. 171,780; published June 5, 1923.

Abner-Drury Company, Washington, D. C. Ginger ale. 164,817; Feb. 27.

Abner-Drury Company, Washington, D. C. Ginger ale. 165,691; Mar. 20; Serial No. 170,173; published Dec. 19, 1922.

Abraham & Co. (See Abraham, Edward.)

Abraham, Edward, doing business as Abraham & Co., New York, N. Y. Buckles and resilient belt links for personal wear. 167,149; Apr. 24; Serial No. 145,542; published Dec. 12, 1922.

Abraham, Edward, doing business as Abraham & Co., New York, N. Y. Buckles and belt links for personal wear. 172,321; Aug. 28; Serial No. 176,589; published May 8, 1923.

Abraham & Straus, Inc., New York, N. Y. Lotions for external application to the body. 170,009; July 10; Serial No. 172,813; published Apr. 3, 1923.

Abraham & Straus, Inc., New York, N. Y. Cotton voiles and dress goods in the piece. 175,657; Nov. 6; Serial No. 181,579; published Aug. 21, 1923.

Abraham & Straus, Inc., New York, N. Y. Men's underwear. 175,945; Nov. 13; Serial No. 172,815; published Aug. 28, 1923.

Abraham & Straus, Inc., New York, N. Y. Toy automobiles. 176,138; Nov. 20; Serial No. 183,016; published Sept. 11, 1923.

Abraham & Straus, Inc., New York, N. Y. Sheets and pillowcases. 177,154; Dec. 11; Serial No. 182,279; published Sept. 18, 1923.

Abraham & Straus, Inc., New York, N. Y. Coffee. 177,155; Dec. 11; Serial No. 182,281; published Sept. 25, 1923.

Abrahamson, Jacob, Bradley Beach, N. J. Handballs. 164,901; Feb. 27.

Abrams, Dr. Albert, San Francisco, Calif. Electrical medical instrument. 167,541; May 1; Serial No. 170,744½; published Feb. 27, 1923.

Abrams, Joseph, San Francisco, Calif. Shampoo. 177,760; Dec. 25; Serial No. 178,368; published Oct. 9, 1923.

Absorbent Cotton Company of America, The, Valley Park, Mo. Absorbent cotton. 163,016; Jan. 2.

Absorene Manufacturing Company, The, St. Louis, Mo. Wall-paper and fresco cleaner. 165,384; Mar. 6; Serial No. 159,678; published Nov. 14, 1922.

Ac Spark Plug Company, Flint, Mich. Speedometers. 176,630; Nov. 27; Serial No. 163,493; published Sept. 25, 1923.

Accas Brothers, New York, N. Y. Wheat flour. 170,936; July 24; Serial No. 169,470; published Feb. 27, 1923.

Accas Brothers, New York, N. Y. Wheat flour. 170,964; July 24.

Accurate Metal Weather Strip Company. (See Kammerer, Fred W.)

Ace Hardware Manufacturing Corporation, Philadelphia, Pa. Knife and edge-tool sharpening machines. 173,207; Sept. 18; Serial No. 172,314; published June 12, 1923.

Ace Manufacturing Company, Portland, Me. Porcelain-cleaning compound. 163,970; Feb. 6.

Ace Motor Corporation, Philadelphia, Pa. Motor cycles. 169,234; June 12; Serial No. 175,908; published Mar. 13, 1923.

Acfield, Claude R., New York, N. Y. Arch supporters. 164,542; Feb. 20.

Acheson Harden Co., The, New York, N. Y. Children's handkerchiefs. 174,949; Oct. 30; Serial No. 167,216; published Aug. 14, 1923.

Acheson Manufacturing Company, Rankin, Pa. Pipe and vent fittings, traps, etc. 174,550; Oct. 23; Serial No. 163,211; published July 24, 1923.

Achilles Guard Company, Grand Rapids, Mich. Heel guards made of fabric for shoes. 169,373; June 12; Serial No. 169,698; published Mar. 6, 1923.

Achilles Rubber and Tire Company, Inc., The, Binghamton, N. Y. Rubber heels. 164,219; Feb. 13.

Acme Brick Company, Danville, Ill. Brick and tile except metal and porcelain. 168,050; May 15; Serial No. 169,666; published Feb. 20, 1923.

Acme Can Company, Philadelphia, Pa. Tin, metal, and paper packages. 176,044; Nov. 13; Serial No. 180,203; published Sept. 4, 1923.

Acme Cone Co., Philadelphia, Pa. Cake cones. 175,869; Nov. 13; Serial No. 175,177; published Aug. 28, 1923.

Acme Flavoring Co., Portland, Oreg. Food-flavoring extracts. 166,477; Apr. 3; Serial No. 166,969; published Jan. 16, 1923.

Acme Grocery Co., The, Chicago, Ill. Canned fruit and vegetables. 166,443; Apr. 3; Serial No. 166,625; published Jan. 16, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Acme Orchard Co., Inc., White Salmon, Wash. Fresh apples. 171,521; Aug. 7; Serial No. 176,149; published May 15, 1923.
Acme Shear Company, The, Bridgeport, Conn. Shears and scissors. 171,683; Aug. 7.
Acme Wire Goods Co. (See Vaughan, George E.)
Acorn Refining Company, The, Cleveland, Ohio. Waterproofing compound for building roofs. 169,931; July 3.
Acorn Watch Case Co. (See Gottlieb, Joseph.)
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Preparations for protecting animal substances against the noxious effects of chemicals. 169,799; July 3; Serial No. 170,232; published Mar. 27, 1923.
Actived Sign Service. (See Dawson, Harry C.)
Acunto, Paul, doing business as Atlantic Bottling Works, Port Chester, N. Y. Beverage sold as a soft drink. 164,268; Feb. 13.
Adam, Frank, Electric Co., St. Louis, Mo. Electrical switches, switchboards, switch boxes, etc. 166,559; Apr. 10; Serial No. 169,269; published Jan. 2, 1923.
Adamite Filtration Co. Inc., Brooklyn, N. Y. Filtration materials. 176,400; Nov. 27; Serial No. 182,326; published Sept. 11, 1923.
Adams, Alfred B., New York, N. Y. Biotherapeutic and opotherapeutic products. 172,813–14; Sept. 11; Serial Nos. 176,004–5; published June 5, 1923.
Adams, Alfred B., New York, N. Y. Biotherapeutic and opotherapeutic products. 173,036–7; Sept. 11; Serial Nos. 176,004–7; published June 5, 1923.
Adams, Alfred B., New York, N. Y. Biotherapeutic and opotherapeutic products. 173,038–9; Sept. 11; Serial Nos. 176,009–10; published June 5, 1923.
Adams, Alfred B., New York, N. Y. Biotherapeutic and opotherapeutic products. 174,002; Oct. 2; Serial No. 176,008; published July 17, 1923.
Adams, Alonzo H., doing business as Exhaust Lock Company, Indianapolis, Ind. Steering-post control and exhaust lock. 171,800; Aug. 14; Serial No. 176,435; published May 15, 1923.
Adams & Clark, Findlay, Ohio. Cigars. 163,853; Jan. 30.
Adams, D. E., Co., Inc., Athol, Mass., and New York, N. Y. Silk and artificial-silk thread and yarn. 166,894; Apr. 17; Serial No. 165,849; published Jan. 30, 1923.
Adams, Harry E., Haverhill, Mass. Women's sandals of leather and textile material. 170,762–5; July 24; Serial Nos. 176,705–8; published Apr. 24, 1923.
Adams, Thomas H., doing business as Cushman Drug Co., Vincennes, Ind. Tablets for the treatment of indigestion. 165,662; Mar. 20; Serial No. 166,971; published Dec. 12, 1922.
Adams, Thomas H., doing business as Cushman Drug Co., Vincennes, Ind. Salve or skin balm which is an antiseptic dressing. 167,471; May 1; Serial No. 166,970; published Jan. 23, 1923.
Adams, William C., doing business as Adams Drug Company, Panama City, Fla. Insecticide. 169,018; May 29.
Adams, William C., Co., Boston, Mass. Arc and electric welding goggles. 172,429; Aug. 28; Serial No. 176,436; published May 29, 1923.
Adamson, Charles E., doing business as Safetygas & Appliance Company, Wabash, Ind. Denatured alcohol. 177,200; Dec. 11; Serial No. 179,124; published Sept. 18, 1923.
Adamson, Charles E., Wabash, Ind. Stoves, baking and annealing ovens, heaters, etc. 174,615; Oct. 23; Serial No. 179,125; published July 24, 1923.
Adduci, Angelo, Pittsburgh, Pa. Hair invigorator and softener. 164,102; Feb. 13.
Adelson, Isaac J., doing business as Roberts Jewelry Co., Kansas City, Mo. Imitation white diamonds. 176,919; Dec. 4.
Adensite Co., Inc., New York, N. Y. Liquid integral used in mixing of building materials. 175,086; Oct. 30; Serial No. 180,317; published Aug. 7, 1923.
Adix Manufacturing Company, Boone, Iowa. Self-feeders, individual hog houses, and chicken coops. 167,675; May 8; Serial No. 139,705; published Dec. 26, 1922.
Adjusto Shoe Lace Company, Incorporated, New York, N. Y., assignor to Anawan Braid Company, Providence, R. I. Corset and shoe lace tips. 168,670; May 29; Serial No. 152,303; published Jan. 9, 1923.
Adler, Elias J., Brooklyn, N. Y. Crackers. 170,906; July 24; Serial No. 156,345; published Mar. 27, 1923.
Adolph Coors Company, The, Golden, Colo. Bakers' sirup used in making bread and similar articles of food made from malt and corn. 173,604; Oct. 2; Serial No. 166,591; published July 3, 1923.
Ad-Packed Hair Net Co., Inc., New York, N. Y. Hair nets. 170,173–4; July 10; Serial Nos. 176,242–3; published Apr. 10, 1923.
Ad-Packed Hair Net Co., Inc., New York, N. Y. Hair nets. 170,176–7; July 10; Serial Nos. 176,240–1; published Apr. 10, 1923.
Ad-Pep Printing and Publishing Co. (See International Association of Machinists.)
Advance Automobile Accessories Corp., Chicago, Ill. Linings for transmissions and brakes. 177,836; Dec. 25.
Advance Battery Manufacturing Company, Louisville, Ky. Storage batteries. 169,405; June 12; Serial No. 154,633; published Mar. 27, 1923.
Advance Candy M'f'g Corp., New York, N. Y. Chocolate candy. 170,124; July 10; Serial No. 164,356; published Apr. 3, 1923.
Advance Chemical Company, Inc., New York, N. Y. Concentrated maltless extract as a material for making ginger ale and other beverages. 175,512; Nov. 6; Serial No. 177,721; published Aug. 28, 1923.
Advance Knitting Mills. (See Block, Felix.)
Advance Manufacturing Co., St. Louis, Mo. Two-wheeled children's coaster vehicles. 169,871; July 3; Serial No. 174,684; published Apr. 3, 1923.
Advance Wood Turning Co., Chicago, Ill. Electric floor and table lamps. 177,708–9; Dec. 25; Serial Nos. 164,150–1; published Oct. 9, 1923.
Advanced Metal Stamping Company. (See Hardy, Charles.)
Advertiser Co., The, Montgomery, Ala. Newspapers. 165,266; Mar. 6; Serial No. 166,867; published Nov. 14, 1922.
Advertising Auto Speedway Co., The, Columbus, Ohio. Miniature automobile race track and cars for use thereon. 175,050; Oct. 30; Serial No. 179,506; published Aug. 7, 1923.
Aeolian Company, The, New York, N. Y. Assembled radio transmitting and receiving sets. 175,751; Nov. 13; Serial No. 166,124; published Aug. 21, 1923.
Aeroil Burner Company, Inc., Union Hill, N. J. Oil-burning appliances. 174,659; Oct. 23; Serial No. 169,840; published July 17, 1923.
Aero-Kord Co. (See Berdon, Albert E.)
Aeromarine Plane & Motor Company, New York, N. Y. Hydrocarbon motors. 164,557; Feb. 20.
Aero Oil Products Company, Cheyenne, Wyo. Lubricating oils and greases. 164,374; Feb. 20.
Aeroshade Company, The, Waukesha, Wis. Porch and window shades. 173,675; Oct. 2; Serial No. 178,016; published June 12, 1923.
Aërozon-Fabrik G. & B., Sternberg, Berlin, Germany. Electrical apparatus for burning incense or disinfecting and air-purifying substances. 164,307–8; Feb. 20.
Aetna Carpet Co., New York, N. Y. Textile carpets. 170,539; July 17; Serial No. 174,504; published Apr. 17, 1923.
Aetna Life Insurance Company, Hartford, Conn. Monthly periodical. 174,870; Oct. 23; Serial No. 180,318; published July 31, 1923.
Aetna Life Insurance Company, Hartford, Conn. Monthly periodical. 175,145; Oct. 30; Serial No. 180,319; published Aug. 7, 1923.
Aetna Products Company, Boston, Mass. Preparations for the prevention and treatment of unsanitary and diseased conditions of the feet. 166,228; Mar. 27; Serial No. 165,052; published Oct. 10, 1922.
Affleck & Luckett, Washington, D. C. Wheeled toys. 163,364; Jan. 9.
African & Eastern Trading Co., Inc., New York, N. Y. Cotton piece goods. 174,005; Oct. 2; Serial No. 175,230; published July 17, 1923.
Agasote Millboard Co., The, Trenton, N. J. Fiber board sold in sheets. 163,003; Jan. 2.
Aggeler & Musser Seed Co., Los Angeles, Calif. Field, garden, and farm seeds. 171,454; Aug. 7; Serial No. 168,743; published May 1, 1923.
Agra Company, Detroit, Mich. Perfumes. 170,783; July 24; Serial No. 174,762; published Apr. 24, 1923.
Agra Shirt Co., New York, N. Y. Dress, negligee, and work shirts. 175,597; Nov. 6; Serial No. 179,126; published Aug. 14, 1923.
Agrilin Chemical Company, The, Wilmington, Del., and New York, N. Y. Laxative. 176,323; Nov. 20; Serial No. 181,970; published Sept. 11, 1923.
Agripa Company, The. (See Mitchell, Robert G.)
Ahearn, John M., Marblehead, Mass. Shoes. 176,333; Nov. 20.
Aiello, Frank C., Corporation, New York, N. Y. Shirts, coats, trousers, caps, etc. 164,799; Feb. 27.
Ainsa, F. S., Company, Inc., El Paso, Tex. Coffee. 177,678; Dec. 25; Serial No. 156,672; published Sept. 11, 1923.
Ainsa, M., & Sons, Inc., El Paso, Tex., assignors to Bowen-Oglesby Milling Company, Independence, Kans. Wheat flour. 173,642; Oct. 2; Serial No. 157,908; published Oct. 10, 1922.
Ainsley, J. C., Packing Co., Campbell, Calif. Canned fruits. 166,930; Apr. 17; Serial No. 167,911; published Feb. 6, 1923.
Aird-Don Co., Troy, N. Y. Boilers for heating purposes. 175,725; Nov. 13; Serial No. 179,254; published Sept. 4, 1923.
Air Way Company, assignor to Air Way Electric Appliance Corporation, Toledo, Ohio. Electric vacuum cleaners. 169,281; June 12; Serial No. 126,441; published May 11, 1920.
Air-Way Electric Appliance Corporation. (See Air Way Company, assignor.)
Air-Way Electric Appliance Corporation, The, Toledo, Ohio. Washing machines and parts thereof. 165,872; Mar. 20.
Air-Way Electric Appliance Corporation, The, Toledo, Ohio. Radio outfits and parts thereof. 166,428; Apr. 3; Serial No. 164,483; published Dec. 26, 1922.
Ajax Auto Parts Company, Racine, Wis. Lifting jacks. 164,933; Feb. 27.

Ajax Iron Works, Corry, Pa. Drilling engines, engine pumps, and parts used in the oil industry. 166,251; Mar. 27; Serial No. 163,730; published Dec. 19, 1922.

Akin & Akin, Fort Worth, Tex. Playing cards. 170,371; July 17; Serial No. 174,056; published Apr. 10, 1923.

Akin Manufacturing Company, Charlotte, N. C. Shoe polish. 170,603; July 17; Serial No. 174,809; published Apr. 24, 1923.

Akron Barrow Company, The, Akron and Cleveland, Ohio. Tubular wheelbarrows, contractors' wheelbarrows, and concrete carts. 169,136; June 12; Serial No. 154,909; published Mar. 13, 1923.

Akron-Selle Company, The, Akron, Ohio. Liquid gauges. 173,256; Sept. 18; Serial No. 157,016; published June 12, 1923.

Aktiebolaget Atmos, Stockholm, Sweden. High-pressure boilers and parts thereof. 171,492; Aug. 7; Serial No. 172,140; published May 22, 1923.

Aktiebolaget Galco, Stockholm, Sweden. Office supplies. 167,088; Apr. 24; Serial No. 147,149; published Feb. 6, 1923.

Aktiebolaget Lidköpings Sågbladsfabrik, Lidkoping, Sweden. Saw blades. 163,909; Feb. 6.

Aktiebolaget Mölnbacka-Trysil, Forshaga, Sweden. Craft paper. 169,364; June 12; Serial No. 175,178; published Mar. 27, 1923.

Aktiebolaget Vaporackumulator, Stockholm, Sweden. Steam accumulators. 163,670; Jan. 23.

Aktiengesellschaft für Chemische Produkte vormals H. Scheidemandel, Berlin, Germany. Pharmaceutical preparations for promoting the growth of hair. 173,111; Sept. 18; Serial No. 171,565; published June 12, 1923.

Aktiengesellschaft für Chemische Produkte vormals H. Scheidemandel, Berlin, Germany. Pharmaceutical preparations for promoting the growth of human hair. 174,404; Oct. 16; Serial No. 171,566; published July 17, 1923.

Aktiengesellschaft für Tiefbohrtechnik und Maschinenbau vormals Trauzl & Co., Vienna, Austria. Diesel motors and internal-combustion engines. 175,039; Oct. 30; Serial No. 178,422; published Aug. 14, 1923.

Alabama By-Products Corporation, Birmingham and Tarrant, Ala. Ammonia and benzol. 163,004; Jan. 2.

Alabama By-Products Corporation, Birmingham and Tarrant, Ala. Crude coal tar and coke. 168,562; May 29; Serial No. 166,626; published Jan. 9, 1923.

Alabama-Georgia Syrup Company, Montgomery, Ala. Cane and corn sirup. 164,548; Feb. 20.

Alabama Overall Company, Scottsboro, Ala. 166,688; Apr. 10; Serial No. 167,504; published Jan. 2, 1923.

Aladdin Mystic Beauty Company, Grand Rapids, Mich. Clay for facial treatment. 170,459; July 17; Serial No. 172,572; published Apr. 10, 1923.

Aladdin Tire Corporation, Rutherford, N. J. Casings and tubes of pneumatic tires. 168,819; May 29; Serial No. 170,109; published Feb. 13, 1923.

Alaga & Forencich Co., Watsonville, Calif. Fresh apples. 171,104; July 31; Serial No. 174,422; published May 8, 1923.

Alaska Packers Association, San Francisco, Calif. Canned salmon. 167,094; Apr. 24; Serial No. 166,804; published Jan. 30, 1923.

Alaskan Fur Company. (See Gould, F. L.)

Albany Perforated Wrapping Paper Co., Albany, N. Y. Toilet paper and paper towels. 170,308; July 10; Serial No. 176,437; published Apr. 10, 1923.

Albany Perforated Wrapping Paper Co., Albany, N. Y. Toilet paper and paper towels. 175,284; Nov. 6; Serial No. 182,529; published Aug. 21, 1923.

Alb. & E. Henkels, Inc., New York, N. Y. Laces and upholstery goods. 177,062; Dec. 11; Serial No. 169,211; published Sept. 11, 1923.

Alb. & E. Henkels, Inc., New York, N. Y. Laces and upholstery goods. 177,261; Dec. 11; Serial No. 169,210; published Sept. 11, 1923.

Albaugh, James A., doing business as Eldon Manor Kennels, Baltimore, Md. Thoroughbred dogs. 163,215; Jan. 2.

Albeco Company, San Francisco, Calif. Foot-relief powder, massage cream, vanishing cream, hair pomade, etc. 176,221; Nov. 20; Serial No. 176,309; published Aug. 14, 1923.

Albemarle Mills Company, Inc., Charlottesville, Va. Wood flooring. 169,338; June 12; Serial No. 173,312; published Mar. 27, 1923.

Albemarle Paper Mfg. Co., The, Richmond, Va. Matrix paper, stereotype and kraft wrapping paper. 174,250; Oct. 9; Serial No. 162,280; published Aug. 8, 1922.

Albers Bros. Milling Co., Seattle, Wash. Wheat flour. 167,100; Apr. 24; Serial No. 168,744; published Jan. 23, 1923.

Albers Bros. Milling Co., Seattle, Wash. Wheat flour. 167,118; Apr. 24; Serial No. 164,853; published Dec. 19, 1922.

Albers Bros. Milling Co., Seattle, Wash. Breakfast cereal food. 171,265; July 31; Serial No. 169,270; published Apr. 3, 1923.

Albers Bros. Milling Co., Seattle, Wash. Rolled oats, split peas, hominy, hominy grits, etc. 177,227; Dec. 11; Serial No. 175,753; published Sept. 25, 1923.

Albers Company, Incorporated, Richmond, Va. Cough sirup. 177,079; Dec. 11; Serial No. 184,048; published Sept. 18, 1923.

Albert, J., and Son. (See Albert, Michael F.)

Albert Lea Foundry Company, Albert Lea, Minn. Camp stoves. 165,371; Mar. 6; Serial No. 160,985; published Dec. 5, 1922.

Albert, Michael F., doing business as J. Albert and Son, Sydney, New South Wales, Australia. Mouth organs, accordions, flutes, and flageolets. 169,176; June 12; Serial No. 169,488; published Mar. 6, 1923.

Albert Neckwear Manufacturing Company, Dallas, Tex. Neckties, cravats, and neckscarfs. 166,603; Apr. 10; Serial No. 149,792; published June 6, 1922.

Alberta Candy Company, Inc., San Francisco, Calif. Candy. 163,267; Jan. 9.

Alberts, Jacob L., New York, N. Y. Corsets. 168,160; May 15; Serial No. 165,516; published Feb. 20, 1923.

Alberts, Jacob L., New York, N. Y. Corsets. 171,469; Aug. 7; Serial No. 165,517; published May 8, 1923.

Albrecht, Fred W., Grocery Company, The, Akron, Ohio. Crackers. 167,216; Apr. 24. Serial No. 163,662; published Jan. 30, 1923.

Albrecht, Fred W., Grocery Company, The, Akron, Ohio. Crackers. 167,478; May 1; Serial No. 163,663; published Jan. 30, 1923.

Alcone Knitting Mills, San Francisco, Calif. Men's knitted coats for outer wear. 166,600; Apr. 10; Serial No. 150,427; published Jan. 16, 1923.

Alden, Clarence J., doing business as The Painesville Metallic Binding Co., Painesville, Ohio. Metallic flat curtain rods. 176,020; Nov. 13; Serial No. 176,867; published Sept. 4, 1923.

Alden Manufacturing Company, Springfield, Mass. Parts for radio apparatus. 175,843; Nov. 13; Serial No. 180,953; published Sept. 4, 1923.

Alden Speare's Sons Co., The, Chicago, Ill. Laundry nets or bags. 177,745; Dec. 25; Serial No. 180,306; published Oct. 9, 1923.

Alderman, Fairchild Co., Rochester, N. Y. Golf game, auto race game, baseball game, and checkerboards. 164,819; Feb. 27.

Alderman, Fairchild Co., Rochester, N. Y. Paper and pasteboard boxes. 166,004; Mar. 27; Serial No. 168,664; published Dec. 5, 1922.

Alderman, Fairchild Co., Rochester, N. Y. Game. 172,331–2; Aug. 28; Serial Nos. 177,206–7; published May 29, 1923.

Alderman, Fairchild Company, Rochester, N. Y. Game. 174,187; Oct. 9; Serial No. 181,050; published July 17, 1923.

Alderman, Fairchild Co., Rochester, N. Y. Game. 174,940; Oct. 30; Serial No. 178,423; published July 17, 1923.

Aldrich, Anthony B., Washington, D. C. License-tag fasteners for automobiles and the like. 176,470; Nov. 27; Serial No. 181,371; published Sept. 18, 1923.

Alert Manufacturing Company. (See Haeseler, Charles H.)

Alexander, Armstead M., Independence, Mo. Ice cream. 166,445; Apr. 3; Serial No. 166,494; published Jan. 16, 1923.

Alexander, Henry W., jr., doing business as H. W. Alexander Co., Philadelphia, Pa. Mints. 168,565; May 29; Serial No. 166,802; published Mar. 6, 1923.

Alexander, Lenna T., Tulsa, Okla. Hair tonic. 168,195; May 15; Serial No. 168,745; published Feb. 13, 1923.

Alexander, Max, doing business as Panaterra Remedy and Manufacturing Company, Denver, Colo. Cough sirup, toothache relief, antiseptic concentrate, stomach, liver, and bowel pills, etc. 164,318; Feb. 20.

Alexander, Robert E., Tulsa, Okla. Jack frames for pumping jacks. 172,433; Aug. 28; Serial No. 176,813; published May 29, 1923.

Alexander, Samuel, Philadelphia, Pa. Boots and shoes made of leather. 170,486; July 17; Serial No. 172,410; published Apr. 17, 1923.

Alexandria Coffee Company. (See Yates, Claude R.)

Alexandria Potato Curing Company, Inc., Alexandria, La. Sweet potatoes in their natural state. 167,015; Apr. 24; Serial No. 162,475; published Jan. 30, 1923.

Alfocorn Milling Company, doing business as Consolidated Mills Company, St. Louis, Mo. Stock feed. 176,582; Nov. 27; Serial 177,811; published Aug. 21, 1923.

Alger & Mowry Manufacturing Company, Stockton, Calif. Dressing for motor-vehicle tops and leather and rubber goods. 169,508; June 19; Serial No. 171,606; published Mar. 20, 1923.

Algin Company, Limited, The, Penzance, England. Foods for cattle, horses, sheep, pigs, and poultry. 170,854; July 24; Serial No. 163,661; published Mar. 20, 1923.

Alice-Louise Co. (See Lynch, Alice L.)

Alitak Packing Co., Seattle, Wash. Canned salmon. 165,440; Mar. 13; Serial No. 165,656; published Jan. 2, 1923.

All Saints Cigar Co., Tampa, Fla. Cigars. 174,875; Oct. 23; Serial No. 180,165; published July 31, 1923.

All Star Hosiery Co. (See Robison, Frank.)

Allan-Diffenbaugh Wrench & Tool Co., Baraboo, Wis. Pliers and wrenches. 174,308; Oct. 9.

Allan & Gray, New York, N. Y. Cardboard and fine correspondence paper and envelopes. 163,268–9; Jan. 9.

Alphabetical list of registrants of trade-marks—Continued.

Allan & Gray, New York, N. Y. Cardboard and correspondence paper and envelopes. 167,997; May 8.
Allan & Gray, New York, N. Y. Cardboard and fine correspondence paper and envelopes. 177,589; Dec. 18.
Allandale Knitting Mills, Inc., New York, N. Y. Knitted outer garments. 169,712; June 26.
Allbestos Corporation, Philadelphia, Pa. Brake linings. 167,890; May 8; Serial No. 168,092; published Feb. 6, 1923.
Allbestos Corporation, Philadelphia, Pa. Brake linings. 168,270; May 15; Serial No. 168,091; published Jan. 30, 1923.
Allcock S., & Co. Ltd., Redditch, England. Fishhooks. 166,780; Apr. 10.
Allegheny Steel Company, Brackenridge, Pa. Steel billets, sheets, forgings, round bars, and rounds. 175,559; Nov. 6; Serial No. 179,698; published Aug. 21, 1923.
Allegretti Chocolate Cream Co., Chicago, Ill. One, two, three, and five pound boxes of assorted chocolates. 169,137; June 12; Serial No. 155,469; published Aug. 1, 1922.
Allen Auto Specialty Co. Inc., The, New York, N. Y. Shutter for automobile radiators. 167,986; Apr. 24.
Allen, Bona, Inc., Buford, Ga. Horse collars, harness, and harness parts. 176,671; Nov. 27; Serial No. 182,327; published Sept. 18, 1923.
Allen Bottling Co. (See Gitterman, Robert S.)
Allen-Bradley Company, Milwaukee, Wis. Electrical controlling devices. 172,135; Aug. 21; Serial No. 176,438; published May 8, 1923.
Allen, Chester S., Warren, Pa. Tool chests. 167,331; Apr. 24.
Allen, Edward E., Mfg. Co., Chicago, Ill. Enamel for general use. 172,342; Aug. 28; Serial No. 179,079; published May 29, 1923.
Allen, Edward E., Mfg. Co., Chicago, Ill. Floor paint. 172,343–4; Aug. 28; Serial Nos. 179,080–1; published May 29, 1923.
Allen, Edward E., Mfg. Co., Chicago, Ill. Wood paste filler, oil colors, enamel, etc. 174,279; Oct. 9; Serial No. 179,078; published July 10, 1923.
Allen Engineering & Manufacturing Co., Savannah, Ga. Dust-collecting, shaving exhaust, pneumatic conveying, and vacuum cleaning systems. 164,841; Feb. 27.
Allen Gravel Company, Memphis, Tenn. Paving gravel. 170,112; July 10; Serial 159,676; published Apr. 3, 1923.
Allen, Horace L., Mfg. Co., Nashville, Tenn. Overalls, pants, and working shirts. 175,190; Oct. 30; Serial No. 175,591; published Aug. 7, 1923.
Allen Hosiery Company, Philadelphia, Pa. Hosiery. 175,214; Oct. 30.
Allen Hydrostatic Pump Syndicate Ltd., Westminster, London, England. Pumping apparatus utilizing hydrostatic pressure for raising liquids. 171,869; Aug. 14; Serial No. 174,191; published May 15, 1923.
Allen & Lewis, Portland, Oreg. Canned fruits and vegetables. 173,848; Oct. 2; Serial No. 174,379; published July 3, 1923.
Allen Paint & Putty Works, Chicago, Ill. Putty. 166,320; Mar. 27.
Allen Paint & Putty Works, Chicago, Ill. Putty. 168,463–4; May 22; Serial Nos. 172,968–9; published Feb. 20, 1923.
Allen Paint & Putty Works, Chicago, Ill. Putty. 172,197; Aug. 21.
Allen Remedy Company, Sheffield, Iowa. Goiter medicine. 169,586; June 26; Serial No. 158,209; published Mar. 6, 1923.
Allen-Spiegel Shoe Mfg. Co., Belgium, Wis. Shoes, insoles, and outer soles. 170,399; July 17; Serial No. 171,519; published Apr. 10, 1923.
Aller Brothers, Chicago, Ill. Paper tablets, composition and blank books, pads, papeteries, etc. 170,638; July 17; Serial No. 175,539; published Apr. 17, 1923.
Aller Brothers, Chicago, Ill. Pins, hairpins, safety pins, elastics, and hair nets. 172,354; Aug. 28; Serial No. 173,390; published May 15, 1923.
Alley, Charles G., doing business as Alley Medicine Co., Birmingham, Ala. Laxative tablets. 168,694; May 29; Serial No. 169,796; published Feb. 13, 1923.
Alley, James P., Memphis, Tenn. Series of cartoons. 163,703; Jan. 23.
Allfeed Milling Company, Nashville, Tenn. Horse, hog, fowl, and dairy feeds. 165,424; Mar. 6; Serial No. 156,043; published Nov. 7, 1922.
Allied Belting Company, The, Greenville, Ohio. News bags, aprons, and coal bags. 175,872; Nov. 13; Serial No. 179,128; published Sept. 4, 1923.
Allied Factories Corporation, Kansas City, Mo. Household electrical devices. 174,441; Oct. 16; Serial No. 177,118; published June 19, 1923.
Allied Golf Company, Chicago, Ill. Golf clubs. 173,955; Oct. 2; Serial No. 169,272; published July 10, 1923.
Allied Packers, Incorporated, Chicago, Ill. Meats, lard, mincemeat, butter, eggs, etc. 176,087; Nov. 13.
Alligator Oil Clothing Company, St. Louis, Mo. Waterproof clothing. 169,729; June 26.
Alling & Cory Co., The, Rochester, N. Y. Wrapping paper. 171,001; July 31; Serial No. 177,158; published Apr. 24, 1923.
Alling, Johan, Stockholm, Sweden. Steel pens. 166,361; Apr. 3; Serial No. 170,601; published Dec. 5, 1922.
Allingham Candy Manufacturing Company, The, Colorado Springs, Colo. Confection. 177,742; Dec. 25; Serial No. 158,912; published Oct. 2, 1923.
Allingham, E. F., Mfg. Co., Colorado Springs, Colo. Puffed-wheat confection. 171,337; Aug. 7; Serial No. 172,714; published Apr. 17, 1923.
Allison, Charles W., Charlotte, N. C. Pipe linings and coverings formed of heat-insulating material. 163,005; Jan. 2.
Allman Gas Engine and Machine Co., The, New York, N. Y. Ice-cream machines, combination ice-cream machines, and icebreakers, and brine machines. 163,457; Jan. 16.
Allmans Co., Milwaukee, Wis. Lotion applied to the face after shaving, hair tonic, tooth paste, etc. 172,690; Sept. 11; Serial No. 155,471; published May 29, 1923.
Al-Lon Manufacturing Company Inc., Baltimore, Md. Ironing-board pads and covers, washable mattress covers. 175,129; Oct. 30; Serial No. 180,646; published Aug. 14, 1923.
Al-Lon Manufacturing Company, Inc., Baltimore, Md. Shoe bags, clothes protectors, clothespin aprons. 175,887; Nov. 13; Serial No. 180,647; published Sept. 4, 1923.
Alloy steel. C. Rinaldo. 166,180; Mar. 27; Serial No. 166,570; published Dec. 5, 1922.
Allsilk Hosiery Mills. (See Alperson & Son.)
Allwood Sales Company, Manitowoc, Wis. Lime produce used for neutralization of acids, more especially adapted for dairy purposes. 163,216; Jan. 2.
Almar Stores Co. (See Almar Tea Co., assignor.)
Almar Tea Co., assignor to Almar Stores Co., Philadelphia, Pa. Bread crumbs, canned pork and beans, butter, canned vegetables, etc. 165,140; Mar. 6; Serial No. 149,791; published Nov. 7, 1922.
Almo Co., The, New York, N. Y. Novelty perfumery containers. 166,016; Mar. 27; Serial No. 163,128; published Dec. 19, 1922.
Alonso Bros., Brunswick, Ga. Cigars. 167,163; Apr. 24; Serial No. 171,245; published Jan. 9, 1923.
Alouf Bros., Roanoke, Va. Coffee. 166,450; Apr. 3; Serial No. 166,217; published Jan. 16, 1923.
Alpen Company, The, St. Louis, Mo. Counterirritant and rubefacient. 176,309; Nov. 20; Serial No. 179,129; published Aug. 7, 1923.
Alperowitz, M., & Son, Chicago, Ill. Hats and caps. 168,232; May 15; Serial No. 171,246; published Feb. 20, 1923.
Alperson & Son, doing business as Allsilk Hosiery Mills, Omaha, Nebr. Hosiery. 168,068; May 15; Serial No. 164,018; published Jan. 9, 1923.
Alpha Chemical Company, The, Springfield, Ohio. Tonic and laxative tablet. 168,341; May 22; Serial No. 154,468; published Feb. 20, 1923.
Alpha Game & Toy Company, Inc., New York, N. Y. Educational puzzle game. 173,219; Sept. 18; Serial No. 174,275; published June 19, 1923.
Alphen, Inc., New York, N. Y. Hats, caps, shoes, hose, belts, etc. 168,679; May 29; Serial No. 169,233; published Jan. 9, 1923.
Alphen, Inc., New York, N. Y. Baseballs, bats, masks, heel and toe plates, etc. 172,389; Aug. 28; Serial No. 169,232; published May 29, 1923.
Alpina Cheese Co., Burgdorf, Switzerland. Cheese and preserved cheese. 167,136; Apr. 24; Serial No. 157,127; published Jan. 30, 1923.
Alpina Cheese Co., Burgdorf, Switzerland. Swiss cheese. 170,822; July 24; Serial No. 170,113; published Mar. 20, 1923.
Alpina Cheese Co., Burgdorf, Switzerland. Swiss cheese. 170,834; July 24; Serial No. 170,110; published Mar. 20, 1923.
Alpina Cheese Co., Burgdorf, Switzerland. Swiss cheese. 172,465; Aug. 28; Serial No. 170,111; published May 8, 1923.
Alpina Cheese Co., Burgdorf, Switzerland. Swiss cheese. 172,555; Sept. 11; Serial No. 170,112; published May 8, 1923.
Alpina Cheese Co., Burgdorf, Switzerland. Swiss cheese. 172,573; Sept. 11; Serial No. 170,114; published May 8, 1923.
Alpine Chocolate Company, Boston, Mass. Candy. 166,359; Apr. 3; Serial No. 152,666; published Jan. 16, 1923.
Alps Manufacturing Co., Boston, Mass. Sweaters, sport coats, bathing suits, and jerseys. 164,872; Feb. 27.
Alsdorf, A. J., Corporation, The, Chicago, Ill. Oil heaters. 175,539; Nov. 6; Serial No. 180,678; published Aug. 21, 1923.
Alta Clothing Company, Boston, Mass. Men's and youths' overcoats, raincoats, suit coats, suits, vests, and trousers. 174,644; Oct. 23; Serial No. 181,234; published Aug. 7, 1923.
Altfeld, Lazarus, doing business as Altfeld Drug Co., South Bend, Ind. Liver pills, headache tablets, eye balm, uterine tonic, cold and grip tablets. 172,519; Sept. 4. Serial No. 172,855; published Apr. 17, 1923.
Altman, B., & Co., New York, N. Y. Hair nets. 171,792; Aug. 14; Serial No. 178,540; published May 22, 1923.
Altman, B., & Co., New York, N. Y. Children's dresses. 177,536; Dec. 18; Serial No. 184,051; published Oct. 9, 1923.
Altmark, Z. Harry, New York, N. Y. Hosiery, underwear, and sweaters. 163,833; Jan. 30.

Alphabetical list of registrants of trade-marks—Continued.

Altoona Packing Company, Astoria, Oreg. Canned fish. 173,924; Oct. 2; Serial No. 178,542; published July 17; 1923.

Altoona Packing Company, Astoria, Oreg. Canned fish. 175,273; Oct. 30.

Altwein, Oscar R., doing business as O. R. Altwein & Co., Asheville, N. C. Hair-straightening combs. 169,660; June 26; Serial No. 166,733; published Mar. 27, 1923.

Aluminum Company of America, Pittsburgh and New Kensington, Pa. Aluminum household, kitchen and cooking utensils. 166,413; Apr. 3; Serial No. 167,115; published Jan. 2, 1923.

Aluminum-Industrie-Aktien-Gesellschaft, Neuhausen, Switzerland. Crude and prepared aluminum and aluminum alloys. 167,243; Apr. 24; Serial No. 173,023; published Feb. 6, 1923.

Aluminium - Industrie - Aktien - Gesellschaft, Neuhausen, Switzerland. Calcium carbide, nitric acid, and nitrates. 169,682; June 26; Serial No. 173,022; published Mar. 27, 1923.

Aluminium - Industrie - Aktien - Gesellschaft, Neuhausen, Switzerland. Crude and prepared aluminum and aluminum alloys. 171,707; Aug. 14; Serial No. 174,875; published May 1, 1923.

Aluminium - Industrie - Aktien - Gesellschaft, Neuhausen, Switzerland. Aluminum and aluminum alloys. 171,819; Aug. 14; Serial No. 175,291; published May 1, 1923.

Aluminium - Industrie - Aktien - Gesellschaft, Neuhausen, Switzerland. Calcium carbide. 172,715; Sept. 11; Serial No. 175,290; published May 22, 1923.

Alumino-Thermic Corporation, Roselle Park, N. J. Metallic compounds for use in welding metals. 171,884; Aug. 14; Serial No. 172,660; published May 22, 1923.

Alvah Bushnell Company, Philadelphia, Pa. Filing and mailing containers of paper, such as envelopes. 166,275; Mar. 27; Serial No. 170,424; published Dec. 26, 1922.

Alvord Reamer & Tool Company, Millersburg, Pa. Tools—namely, reamers, taps, dies, twist drills, etc. 165,509; Mar. 13; Serial No. 165,108; published Dec. 19, 1922.

Alys. (See Wildes, Alice S.)

Ambassador Tire Corporation, New York, N. Y. Printed periodical. 163,733; Jan. 23.

Ambridge Knitting Company, Ambridge and Pittsburgh, Pa. Hosiery. 176,484; Nov. 27; Serial No. 180,680; published Sept. 18, 1923.

Ambrosia Chocolate Co., Milwaukee, Wis. Candy. 176,686; Nov. 27; Serial No. 168,094; published Aug. 21, 1923.

Amend, Fred W., Co., Chicago, Ill. Candy. 166,096; Mar. 27; Serial No. 164,687; published Dec. 19, 1922.

Amend, Fred W., Co., Chicago, Ill. Candy. 166,889; Apr. 17; Serial No. 167,286; published Feb. 6, 1923.

American Abrasive Metals Company, New York, N. Y. Cast metal used for agitating or stirring mineral, etc. 171,808; Aug. 14; Serial No. 177,464; published May 15, 1923.

American Agricultural Chemical Company, The, New York, N. Y. Fertilizer. 163,734; Jan. 23.

American Agricultural Chemical Company, The, New York, N. Y. Fertilizer. 164,855; Feb. 27.

American Agricultural Chemical Company, The, New York, N. Y. Guano. 166,054; Mar. 27; Serial No. 168,347; published Nov. 7, 1922.

American Agricultural Chemical Company, The, New York, N. Y. Fertilizer. 166,380; Apr. 3; Serial No. 169,739; published Nov. 7, 1922.

American Agricultural Chemical Company, The, New York, N. Y. Fertilizer. 170,622; July 17; Serial No. 176,868; published Apr. 17, 1923.

American Agriculturist, Inc., New York, N. Y. Periodical publications. 173,680; Oct. 2; Serial No. 178,204; published July 10, 1923.

American Ammone Company, New York, N. Y. Soluble washing compounds. 172,177; Aug. 21.

American Arch Company, New York, N. Y. Fire and other brick. 174,558; Oct. 23; Serial No. 158,967; published July 17, 1923.

American Asphalt Association, St. Louis, Mo. Asphaltum. 176,902; Dec. 4.

American Asphalt Paint Co., Chicago, Ill. Ready-mixed paint. 174,494; Oct. 16; Serial No. 178,017; published July 17, 1923.

American Auto Lamp Co. Inc., New York, N. Y. Electric automobile lamps. 172,399; Aug. 28; Serial No. 165,600; published May 29, 1923.

American Automobile Accessories Company, The, Cincinnati, Ohio. Tire reenforcements made of fabric and cement. 166,109; Mar. 27; Serial No. 149,948; published Oct. 10, 1922.

American Automobile Accessories Company, The, doing business as Crosley Manufacturing Company, Cincinnati, Ohio. Radioreceivers, radiodetectors, radioamplifiers, electrical condensers, etc. 167,760; May 8; Serial No. 170,476; published Jan. 30, 1923.

American Automobile Accessories Company, The, Cincinnati, Ohio. Inner armor or reliner for automobile tires. 171,490; Aug. 7; Serial No. 120,271; published May 22, 1923.

American Axe and Tool Company, The, Pittsburgh, Pa., and Charleston, W. Va. Axes, scythes, hatchets, adzes, bush hooks, mattocks, etc. 164,880; Feb. 27.

American Bakeries Co., Atlanta, Ga. Bread. 177,287; Dec. 11, 1923.

American Banking Machine Corporation, The, Saginaw, Mich. Advertising cards and educational posters. 170,608; July 17; Serial No. 173,948; published Apr. 24, 1923.

American Billiard Supply Company, Gadsden, Ala. Billiard cloth in the piece. 163,899; Feb. 6.

American Biscuit Company, San Francisco, Calif. Chocolate cake with cream sandwich between. 172,479; Aug. 28.

American Bleached Goods Company, Inc., New York, N. Y.; Chicago, Ill.; and St. Louis, Mo. Cotton goods in the piece. 165,002; Feb. 27.

American Bleached Goods Company, Inc., New York, N. Y. Cotton piece goods. 168,033–4; May 8.

American Bleached Goods Company, Inc., New York, N. Y. Cotton poplins in the piece. 173,722; Oct. 2; Serial No. 179,255; published July 10, 1923.

American Bleached Goods Company, Inc., New York, N. Y. Cotton goods in the piece. 174,132; Oct. 2.

American Bleached Goods Company, Inc., New York, N. Y. Cotton piece goods. 175,452; Nov. 6; Serial No. 182,896; published Aug. 28, 1923.

American Bleached Goods Company, Incorporated, New York, N. Y. Cotton piece goods. 171,404; Aug. 7; Serial No. 176,522; published May 1, 1923.

American Boron Products Co., Inc., Reading, Pa. Babbitt metal. 168,649; May 29; Serial No. 165,742; published Feb. 20, 1923.

American Bosch Magneto Corporation, Springfield, Mass. Ignition and starting apparatus for internal-combustion engines and electric-lighting systems for moving vehicles. 176,933; Dec. 4.

American Bottle Cap Co., Seattle, Wash. Bottle caps. 169,996; July 10; Serial No. 151,777; published Apr. 3, 1923.

American Bread Wrapper Company, Chicago, Ill. Paper wrappers. 168,154; May 15; Serial No. 173,160; published Feb. 13, 1923.

American Briar Pipe Company, Chicago, Ill. Cigar and cigarette holders. 177,783; Dec. 25; Serial No. 183,685; published Oct. 2, 1923.

American Burtonizing Company and Wallerstein Laboratories, New York, N. Y. Invertase used in making sugar sirups. 169,298; June 12; Serial No. 166,340; published Mar. 27, 1923.

American Burtonizing Company and Wallerstein Laboratories, New York, N. Y. Dextrinous sirup used in making beverages. 171,140; July 31; Serial No. 160,178; published May 1, 1923.

American Butter Company, Kansas City, Mo. Creamery butter. 166,122; Mar. 27; Serial No. 152,827; published Nov. 7, 1922.

American Cash Register Co., Saginaw, Mich. Cash registers. 171,831; Aug. 14; Serial No. 175,909; published May 15, 1923.

American Cellulose & Chemical Manufacturing Company, Ltd., New York, N. Y. Composition used in the manufacture of moldings, castings, etc. 167,512; May 1; Serial No. 166,212; published Jan. 9. 1923.

American Chain Company Inc., New York, N. Y. Antiskid chains for vehicle wheels. 166,334; Mar. 27.

American Chain Company, Inc., New York, N. Y., and Bridgeport, Conn. Antiskid chains for vehicle wheels. 174,342; Oct. 16; Serial No. 155,005; published June 6, 1922.

American Character Doll Co., Inc. New York, N. Y. Dolls. 173,314; Sept. 18; Serial No. 179,130; published June 19, 1923.

American Chemical & Drug Co., Olyphant, Pa. Proprietary medicinal preparation for use as an aid to nature in lung affections, coughs, etc. 170,431; July 17; Serial No. 171,889; published Apr. 10, 1923.

American Chemical Laboratories. (See Feinson, David.)

American Chemical Manufacturing Co., The, Denver, Colo. Uric-acid solvent and blood purifier. 177,705; Dec. 25; Serial No. 164,996; published Oct. 9, 1923.

American Chemical & Manufacturing Corporation, Dover, Del., and Kenilworth, N. J. Rustproofing oils. 175,378; Nov. 6; Serial No. 169,432; published Aug. 28, 1923.

American Chemical Paint Company, Philadelphia, Pa. Preparation of acid reaction for preventing rust. 170,006; July 10; Serial No. 156,955; published Apr. 3, 1923.

American Chicle Company, Long Island City, N. Y. Chewing gum. 173,489; Sept. 25; Serial No. 175,834; published June 19, 1923.

American Chocolate Almond Co., The. (See Panoulias, Panayiotis D.)

Ambrosia Chocolate Co., Milwaukee, Wis. Candy. 170,430; July 17; Serial No. 171,887; published Apr. 10, 1923.

American Company for International Commerce, New York, N. Y. Cotton sheeting. 166,784; Apr. 17; Serial No. 161,102; published July 25, 1922.

American Cone & Pretzel Co., Philadelphia, Pa. Cake. 165,373; Mar. 6; Serial No. 160,458; published Nov. 14, 1922.

Alphabetical list of registrants of trade-marks—Continued.

American Cone & Pretzel Company, Philadelphia, Pa. Cone cake. 165,798; Mar. 20; Serial No. 162,659; published Jan. 2, 1923.

American Cone and Pretzel Company, doing business as Continental Packing Corporation, Philadelphia, Pa. Canned peaches, tomatoes, and sweet potatoes. 171,170; July 31; Serial No. 171,397; published May 1, 1923.

American Cone and Pretzel Company, doing business as Continental Packing Corporation, Philadelphia, Pa. Canned beans, tomatoes, sweet potatoes, peaches, chili sauce, and catchup put up in containers. 171,171; July 31; Serial No. 171,398; published May 1, 1923.

American Cone and Pretzel Company, doing business as Continental Packing Corporation, Philadelphia, Pa. Canned peaches, canned Lima beans, beans, tomatoes, and sweet potatoes. 171,172; July 31; Serial No. 171,400; published May 8, 1923.

American Copper Products Corporation, Elizabeth Port, N. J Bare and insulated wire, cable, and cordage for electrical purposes. 171,030; July 31; Serial No. 160,685; published Apr. 24, 1923.

American Cotton Oil Company, New York, N. Y. Cotton-seed oils for mechanical and food purposes; 23,776; renewed Oct. 31, 1923.

American Cotton Oil Company, The. (See Fairbank, N. K., Company, assignor.)

American Cotton Oil Company, The. (See Wilcox, W. J., Lard and Refining Company, assignor.)

American Cotton Oil Company, The, Union Township, near Guttenberg, N. J., and New York, N. Y. Vegetable oil for salad and cooking. 168,644; May 29; Serial No. 165,575; published Feb. 20, 1923.

American Cotton Oil Company, The, Union Township, near Guttenberg, N. J., and New York, N. Y. Oil for salads and cooking. 170,400; July 17; Serial No. 171,520; published Apr. 10, 1923.

American Cotton Oil Company, The, Union Township, near Guttenberg, N. J., and New York, N. Y. Edible oils and fats. 175,734; Nov. 13; Serial No. 178,944; published Sept. 4, 1923.

American Cotton Oil Company, The, Union Township, near Guttenberg, N. J., and New York, N. Y. Edible oils and fats and combinations thereof. 175,852; Nov. 13; Serial No. 176,709; published Aug. 28, 1923.

American Cotton Oil Company, The, New York, N. Y. Edible cottonseed and vegetable oils. 173,090; Sept. 18; Serial No. 177,812; published June 12, 1923.

American Crayon Company, The, Sandusky, Ohio. Ready-mixed paint. 164,589; Feb. 20.

American Crayon Company, The, Sandusky, Ohio. Paint pigment. 165,850; Mar. 20; Serial No. 169,391; published Jan. 2, 1923.

American Crayon Company, The, Sandusky, Ohio. Crayons, chalks, and pencils. 170,248; July 10; Serial No. 171,440; published Apr. 3, 1923.

American Crayon Company, The, Sandusky, Ohio. Crayons and pencils. 171,221; July 31; Serial No. 177,347; published May 8, 1923.

American Cutlery Company, Chicago, Ill. Table, kitchen, and industrial knives and cleavers. 164,062; Feb. 13.

American Cutlery Company, Chicago, Ill. Table knives of base metal. 174,102; Oct. 2; Serial No. 149,621; published July 3, 1923.

American Dealers Trading Corporation, Huntington, Pa. Wheat flour. 172,986; Sept. 11; Serial No. 173,990; published June 5, 1923.

American Diamond & Jewelry Co. (See Shapiro, Esther C.)

American Dishwashing Machine Company. (See Simpson, Tracy W.)

American Display Company, The, Dayton, Ohio. Toy electric railway. 169,961; July 10; Serial No. 174,718; published Apr. 10, 1923.

American Education Press, Inc., Columbus, Ohio. Name of a publication. 173,881; Oct. 2; Serial No. 176,246; published June 12, 1923.

American Electric Equipment Co., Inc., New York, N. Y. Portable electric lamps and parts thereof, brackets, etc. 174,410; Oct. 16; Serial No. 175,754; published July 10, 1923.

American Electric Equipment Co., Inc., New York, N. Y. Portable electric lamps and parts thereof, etc. 174,698; Oct. 23; Serial No. 175,755; published July 10, 1923.

American Electric Equipment Co., Inc., New York, N. Y. Portable electric lamps and parts thereof, etc. 174,699; Oct. 23; Serial No. 175,758; published July 10, 1923.

American Envelope Company, The, West Carrollton, Ohio. Mailing envelopes. 163,487; Jan. 16.

American European Service Bureau, New York, N. Y. Preparation for the treatment of syphilis. 176,095; Nov. 13.

American Excelsior Trading Company, New York, N. Y. Face powder. 167,342; May 1; Serial No. 163,024; published Dec. 26, 1922.

American Fibre Chair Seat Corp., Long Island City, N. Y. Fiber chair seats. 173,769; Oct. 2; Serial No. 177,028; published June 12, 1923.

American Fork & Hoe Company, The, Cleveland, Ohio. Agricultural hand implements for hoeing and digging. 176,589; Nov. 27; Serial No. 179,509; published Sept. 11, 1923.

American Fork & Hoe Company, The, Cleveland, Ohio. Reels for hose and the like. 177,387; Dec. 18; Serial No. 181,714; published Oct. 2, 1923.

American Gear Company, Jackson, Mich. Gears and shafts. 175,850; Nov. 13; Serial No. 180,461; published Aug. 28, 1923.

American Gilsonite Products Co., The, Toledo, Ohio. Mixed and paste paints. 166,050; Mar. 27; Serial No. 168,704; published Dec. 5, 1922.

American Glue Company, Boston, Mass. Flint paper and cloth, garnet paper and cloth, and emery paper and cloth. 169,485; June 19; Serial No. 174,648; published Mar. 20, 1923.

American Hair Felt Co., Chicago, Ill. Felt. 169,084; June 5; Serial No. 173,067; published Feb. 27, 1923.

American Hair Felt Company, Chicago, Ill. Felt insulating material. 169,332; June 12; Serial No. 174,354; published Mar. 7, 1923.

American Hair Felt Co., Chicago, Ill. Hair carpet cushions and hair seat cushions. 172,349; Aug. 28; Serial No. 173,066; published May 1, 1923.

American Hard Rubber Company, Hempstead and New York, N. Y. Dials made of hard rubber for radio apparatus. 166,617; Apr. 10; Serial No. 168,093; published Jan. 30, 1923.

American Hard Rubber Company, Hempstead and New York, N. Y. Battery jars, panels, covers, and vents, plate separators, etc. 166,855; Apr. 17; Serial No. 164,214; published Aug. 29, 1922.

American Hard Rubber Company, Hempstead and New York, N. Y. Hard-rubber rods, sheets, and tubes. 167,813; May 8; Serial No. 165,655; published Feb. 20, 1923.

American Hard Rubber Company, Hempstead and New York, N. Y. Combs for dressing, ornamenting, and cleaning the hair. 169,623; June 26; Serial No. 173,025; published Mar. 27, 1923.

American Hard Rubber Company, Hempstead and New York, N. Y. Dials made of hard rubber for radio apparatus. 172,011; Aug. 21; Serial No. 175,694; published May 8, 1923.

American Hard Rubber Company, Hempstead and New York, N. Y. Aerial insulators and radio panels. 172,142; Aug. 21; Serial No. 176,778; published May 8, 1923.

American Hard Rubber Company, Hempstead and New York, N. Y. Combs. 172,348; Aug. 28; Serial No. 173,024; published May 15, 1923.

American Hominy Company, Indianapolis, Ind. Rolled oats, corn meal and flakes, wheat flour, etc. 163,547; Jan. 23.

American Hominy Company, Chicago, Ill. Core oils. 172,413; Aug. 28; Serial No. 178,655; published May 29, 1923.

American Hominy Company, Chicago, Ill. Self-rising flour. 172,435; Aug. 28; Serial No. 173,391; published May 8, 1923.

American Hominy Company, Chicago, Ill. Hominy. 176,574; Nov. 27; Serial No. 178,156; published Aug. 21, 1923.

American Hominy Company, Chicago, Ill. Poultry feeds and mash. 177,195; Dec. 11; Serial No. 178,489; published Sept. 18, 1923.

American Insecticide Co., The, Lima, Ohio. Insecticide. 174,320; Oct. 16; Serial No. 177,758; published July 10, 1923.

American Journal of Nursing Company, New York and Rochester, N. Y. Title of its educational and scientific monthly magazine. 163,683; Jan. 23.

American Kreuger & Toll Corporation, New York, N. Y. Pharmaceutical preparation used for the treatment of foot and mouth diseases, etc., and disinfectant. 174,825; Oct. 23; Serial No. 174,719; published Aug. 7, 1923.

American La France Fire Engine Company, Inc., Elmira, N. Y. Hand fire extinguisher. 166,680; Apr. 10; Serial No. 169,965; published Jan. 9, 1923.

American Lace Paper Company, Milwaukee, Wis. Paper wadding. 176,435; Nov. 27; Serial No. 182,784; published Sept. 11, 1923.

American Lady Corset Company. (See Schilling Corset Co., assignor.)

American Lady Corset Co., Detroit, Mich. Corsets, corset waists, brassières, bandeaux, girdles, belts, etc. 163,994; Feb. 6.

American Lady Corset Co., Detroit, Mich. Corsets, corset waists, brassières, belts, hose, etc. 164,002; Feb. 6.

American Lady Corset Co., Detroit, Mich. Corsets, brassières, belts for personal wear, etc. 164,769; Feb. 27.

American Lady Corset Company, Detroit, Mich. Corsets, corset waists, brassières, bandaux, girdles, etc. 165,904; Mar. 20.

American Lady Corset Co., Detroit, Mich. Corsets, brassières, girdles, etc. 166,028; Mar. 27; Serial No. 167,067; published Jan. 2, 1923.

American Lady Corset Company, Detroit, Mich. Corsets, corset waists, brassières, bandeaux, girdles, etc. 166,038; Mar. 27; Serial No. 167,752; published Jan. 2, 1923.

American Lady Corset Co., Detroit, Mich. Corsets, corset waists, underwear, etc. 173,557; Sept. 25.

American Lady Corset Company, Detroit, Mich. Corsets, corset waists, brassières, hose supporters, etc. 174,170; Oct. 9; Serial No. 179,916; published July 17, 1923.

American Lady Corset Company, Detroit, Mich. Cotton, silk, woolen, etc., piece goods, and ribbons. 175,548; Nov. 6; Serial No. 179,917; published Aug. 28, 1923.

American Lady Corset Co., Detroit, Mich. Textile-fabric underwear for women and children. 176,885; Dec. 4; Serial No. 151,999; published Apr. 11, 1922.

American Larson Ventilating Co., Pittsburgh, Pa. Industrial ventilators for buildings, manufacturing and industrial plants, etc. 173,142; Sept. 18; Serial No. 178,157; published June 12, 1923.

American Lead Pencil Company, New York, N. Y. Erasers, lead pencils, refill leads, rubber bands, and copying pencils. 168,708; May 29; Serial No. 154,425; published Mar. 13, 1923.

American Lead Pencil Company, New York, N. Y. Lead pencils. 172,128; Aug. 21; Serial No. 174,683; published May 22, 1923.

American Lead Pencil Company, New York, N. Y. Pencil clips. 177,535; Dec. 18; Serial No. 182,462; published Oct. 2, 1923.

American Linseed Company, New York, N. Y. Stock and poultry feeds comprising linseed-oil meal, dairy and scratch feeds, etc. 165,099; Mar. 6; Serial No. 161,477; published Nov. 28, 1922.

American Lock Manufacturing Co., assignor, by mesne assignments, to J. Junkung, Chicago, Ill. Locks. 172,779; Sept. 11; Serial No. 155,292; published June 5, 1923.

American Machine and Foundry Co., Brooklyn, N. Y. Cigar and cigarette machinery and parts thereof, sickle bars and sickle-bar blades for agricultural machines, etc. 168,740; May 29; Serial No. 171,197; published Feb. 27, 1923.

American Machine Products Co., Detroit, Mich. Twist drills, milling, cutters, and reamers. 166,786; Apr. 17; Serial No. 160,106; published Sept. 12, 1922.

American Manufacturers Foreign Credit Underwriters, Inc., New York, N. Y. Periodical published monthly. 177,295; Dec. 18; Serial No. 175,120; published Oct. 2, 1923.

American Manufacturing Company, Boston, Mass., and Brooklyn, N. Y. Rope, cord, and twine manufactured from vegetable fiber. 168,701; May 29; Serial No. 166,547; published Mar. 13, 1923.

American Manufacturing Company, Boston, Mass., and Brooklyn, N. Y. Rope, cord, and twine. 177,600; Dec. 18.

American Marine and Fisheries Journal, Boston, Mass. Periodical published monthly. 165,253; Mar. 6; Serial No. 168,190; published Dec. 19, 1922.

American Marine Paint Company, Inc., New York, N. Y. Paints. 170,784; July 24; Serial No. 174,987; published Apr. 24, 1923.

American Mayonnaise Company, Inc., Ithaca, N. Y. Salad dressing. 169,369; June 12; Serial No. 169,433; published Mar. 27, 1923.

American Mechanical Works, Los Angeles, Calif. Automobile accessories, particularly foot throttles. 176,672; Nov. 27; Serial No. 182,393; published Sept. 11, 1923.

American Milk Products Corporation, New York, N. Y. Canned sweetened milk. 167,815; May 8; Serial No. 164,019; published Feb. 20, 1923.

American Milling Company, Peoria, Ill. Dairy feed. 170,851; July 24; Serial No. 163,848; published Apr. 3, 1923.

American Milling Company, Peoria, Ill. Chick mash. 173,021; Sept. 11; Serial No. 172,926; published June 5, 1923.

American Milling Company, Peoria, Ill. Egg mash. 173,022; Sept. 11; Serial No. 172,925; published June 5, 1923.

American Mineral Production Company, Chicago, Ill. Plastic calcined magnesite. 167,634; May 1; Serial No. 166,620; published Dec. 19, 1922.

American Mint Company, Philadelphia, Pa. Display device. 168,060; May 15; Serial No. 170,858; published Feb. 20, 1923.

American Motorsign Company, Cincinnati, Ohio. Moving-advertisement-projection machines. 172,866; Sept. 11; Serial No. 172,971; published June 5, 1923.

American Mutual Liability Insurance Company of Boston, Boston, Mass. Monthly publication. 174,840; Oct. 23; Serial No. 178,019; published July 31, 1923.

American Narrow Fabric Company, Worcester, Mass. Hose supporters. 163,845; Jan. 30.

American Narrow Fabric Company, Worcester, Mass. Hose supporters. 164,135; Feb. 13.

American Nickel Corporation, Clearfield, Pa. Nickel sheets, rods, wire, etc. 168,968; May 29; Serial No. 170,802; published Mar. 6, 1923.

American Nicotine Company, Henderson, Ky. Fumigating, spraying, and dipping preparations. 163,006; Jan. 2.

American Nicotine Company, Henderson, Ky. Nicotine sulphate, free nicotine, and tobacco extracts. 176,235; Nov. 20; Serial No. 162,096; published Aug. 14, 1923.

American Oil Company, The, Baltimore, Md. Gasoline motor fuels and lubricating oils. 167,769; May 8; Serial No. 173,222; published Feb. 13, 1923.

American Oil Company, The, Baltimore, Md. Crank-case-flushing oil. 170,245; July 10; Serial No. 171,719; published Apr. 3, 1923.

American Oil Corporation, Jackson, Mich. Lubricating oils. 170,531; July 17; Serial No. 174,277; published Mar. 27, 1923.

American Oil Corporation, Jackson, Mich. Gasoline. 171,918; Aug. 14.

American Optical Company, Southbridge, Mass. Blanks for ophthalmic lenses. 164,814; Feb. 27.

American Optical Company, Southbridge, Mass. Spectacles, eyeglasses, and ophthalmic lenses. 173,257; Sept. 18; Serial No. 140,766; published June 12, 1923.

American Oriental Candy Mfg. Co., Richmond, Va. Candy. 172,049; Aug. 21; Serial No. 153,793; published May 22, 1923.

American Pickle & Canning Co. Hattiesburg, Miss. Canned vegetables and sweet mixed pickles. 169,976; July 10; Serial No. 166,622; published Apr. 10, 1923.

American Pickle & Canning Co., Hattiesburg, Miss. Pickles and canned vegetables. 171,311; Aug. 7; Serial No. 166,621; published May 15, 1923.

American Pickle & Canning Company, Hattiesburg, Miss. Pickles. 170,518; July 17; Serial No. 172,716; published Apr. 17, 1923.

American Pickle & Canning Company, Hattiesburg, Miss. Pickles. 171,413; Aug. 7; Serial No. 172,717; published May 8, 1923.

American Pickle & Canning Company, Hattiesburg, Miss. Pickles and canned vegetables. 174,997; Oct. 30; Serial No. 172,715; published Aug. 14, 1923.

American Pictograph Company, Manchester, N. H. Toy moving-picture machines. 165,731; Mar. 20; Serial No. 169,197; published Dec. 19, 1922.

American Pile Fabric Company, Philadelphia, Pa. Velours in piece goods, curtains, table scarfs, and pillow slips. 167,324; Apr. 24.

American Pin Company, The, Waterbury, Conn. Safety pins. 172,327; Aug. 28; Serial No. 177,061; published May 8, 1923.

American Plant Company. (See Head, Broadus J.)

American Platinum Works, Newark, N. J. Gold, platinum, and silver metals and solder, and rolled sheets and plates. 166,020; Mar. 27; Serial No. 163,370; published Dec. 5, 1922.

American Platinum Works, Newark, N. J. Gold, platinum, palladium, and silver metals, and solder and rolled sheets and plates. 170,197; July 10; Serial No. 173,392; published Apr. 3, 1923.

American Powder Mills, Boston, Mass. Sporting gunpowder. 23,458; renewed Aug. 8, 1923.

American Printing Ink Company, The, Cincinnati, Ohio. Printing inks. 168,302; May 15.

American Products Company, The. (See Mills Brothers Company.)

American Products Company, The. (See Mills Brothers Company, The.)

American Rack Company, Inc., Washington, D. C. Holders or cabinets for holding paper bags and dispensing them. 168,840; May 29; Serial No. 170,747; published Feb. 27, 1923.

American Radiator Company, East Orange, N. J., and Chicago, Ill. Combined boiler and heater. 170,704; July 24; Serial No. 154,073; published Apr. 24, 1923.

American Radio & Electric Co., New York, N. Y. Radio sets and parts thereof. 167,581; May 1; Serial No. 169,572; published Jan. 23, 1923.

American Radio Relay League, Inc., The, Hartford, Conn. Booklets or pamphlets. 175,771; Nov. 13; Serial No. 177,159; published Aug. 21, 1923.

American Radio and Research Corporation, Medford, Mass. Electric motors. 166,547; Apr. 10; Serial No. 138,207; published Dec. 26, 1922.

American Radium Appliance Company, New York, N. Y. Medicinal preparation indicated in chronic inflammations of the mucous membranes. 175,102; Oct. 30; Serial No. 179,699; published Aug. 7, 1923.

American Range & Foundry Company, Minneapolis, Minn. Thermostatic heat regulators for ovens, ranges, and furnaces. 164,356; Feb. 20.

American Range & Foundry Company, Minneapolis, Minn. Refrigerators. 168,857; May 29; Serial No. 173,549; published Mar. 6, 1923.

American Range & Foundry Company, Minneapolis, Minn. Clothes-washing machines. 171,081; July 31; Serial No. 173,552; published Apr. 24, 1923.

American Range & Foundry Company, Minneapolis, Minn. Metal tops for kitchen and other tables. 171,771; Aug. 14; Serial No. 173,550; published May 1, 1923.

American Range & Foundry Company, also doing business as Minnesota Stove Company, Minneapolis, Minn. Electric stoves and ranges. 174,718; Oct. 23; Serial No. 173,551; published July 24, 1923.

American Refining and Manufacturing Company, Los Angeles, Calif. Lubricating oils and greases and gasoline. 172,333; Aug. 28; Serial No. 177,261; published May 29, 1923.

American Refractories Company, Pittsburgh, Pa. Refractory bricks and special shapes of clay, tile, and brick. 169,200–1; June 12; Serial Nos. 169,046–7; published Feb. 27, 1923.

American Rubber & Tire Co., The, Akron, Ohio Tires, tubes, patches, plasters. 165,242; Mar. 6.

Alphabetical list of registrants of trade-marks—Continued.

American Rubber & Tire Co., The, Akron, Ohio. Belts, shoes, and slippers. 168,338; May 22; Serial No. 156,208; published Feb. 20, 1923.

American Sack Co., Chicago, Ill. Cloth mailing bags. 168,454; May 22; Serial No. 173,991; published Feb. 27, 1923.

American Safety Razor Corporation, Brooklyn, N. Y. Razor sets. 176,673; Nov. 27; Serial No. 182,493; published Sept. 11, 1923.

American Safety Razor Corporation, Brooklyn, N. Y. Razors, razor blades. 177,377; Dec. 18; Serial No. 181,101; published Oct. 2, 1923.

American Sales Agencies Company. (See Dallam, F. B.)

American Scientific Laboratories, Inc., Chicago, Ill. Preparation for the prevention and treatment of intestinal disorders of fowls. 173,516; Sept. 25.

American Screw Company, The, Providence, R. I. Screws, bolts, nuts, rivets, burrs, washers, wire nails, and kindred articles. 22,709; renewed Mar. 28, 1923.

American Seeding Machine Company, The, Springfield, Ohio. Seeding implements, particularly grain drills and broadcast seeders. 175,035; Oct. 30; Serial No. 178,654; published Aug. 7, 1923.

American Shoe Machinery Company, East Boston, Mass. Chemically-prepared compound for treating leather. 164,477; Feb. 20.

American Shoe Machinery and Tool Company, St. Louis, Mo. Shoe-repairing machines and tire or vulcanizing machinery. 167,967; May 8.

American Soap Company. (See Milleman, William H.)

American Social Hygiene Association, New York and Albany, N. Y. Title of its educational and scientific quarterly magazine. 167,657; May 8; Serial No. 167,860; published Jan. 30, 1923.

American Soldier Co., The, Glendale, Brooklyn, and New York, N. Y. Games and toys. 175,649; Nov. 6; Serial No. 180,648; published Aug. 21, 1923.

American Sport Shop, Inc., New York, N. Y. Sporting goods—namely, ice skates. 171,120; July 31; Serial No. 175,453; published Apr. 24, 1923.

American Steam Gauge & Valve Manufacturing Company, Boston, Mass. Gauges, thermometers, etc. 173,417; Sept. 25; Serial No. 154,346; published June 26, 1923.

American Steel Chase Co., New York, N. Y. Washers for cleaning type, halftone cuts, wood type, etc. 168,474; May 22; Serial No. 167,969; published Feb. 20, 1923.

American Steel Foundries, Chicago, Ill. Draft arms. 167,430; May 1; Serial No. 164,216; published Jan. 23, 1923.

American Steel and Wire Company of New Jersey, The, Cleveland, Ohio; Chicago, Ill.; Pittsburgh, Pa.; New York, N. Y., and Worcester, Mass. Nails. 167,893; May 8; Serial No. 168,595; published Feb. 13, 1923.

American Steel and Wire Company of New Jersey, The, Cleveland Ohio; Chicago, Ill.; Pittsburgh Pa.; New York, N. Y.; and Worcester, Mass. Nails. 170,153; July 10; Serial No. 168,594; published Apr. 3, 1923.

American Stock Food Co., The, Blanchester, Ohio. Hog tonic and food. 177,211; Dec. 11; Serial No. 177,759; published Sept. 18, 1923.

American Stove Company, St. Louis, Mo. Gas, coal, oil, and gasoline stoves. 167,529; May 1; Serial No. 166,163; published Jan. 2, 1923.

American Stove Company, St. Louis, Mo. Ovens for gas, gasoline, and oil stoves. 175,627; Nov. 6; Serial No. 174,720; published Aug. 14, 1923.

American Summer Clo Co., New York, N. Y. Men's mohair suits. 172,605; Sept. 11; Serial No. 170,553; published June 5, 1923.

American-Swiss Watch Co. Inc., Peekskill, N. Y. Watches, watch movements, watchcases, and parts thereof. 164,407; Feb. 20.

American Syrup Co., Boston, Mass. Flavoring sirups, fruit acids, and quintescences for making soft drinks, and the soft drinks made from same and distilled water. 168,040; May 15; Serial No. 172,856; published Feb. 20, 1923.

American Syrup Company, Inc., Boston, Mass. Jams, jellies, and icing. 166,634; Apr. 20. Serial No. 168,192; published Feb. 6, 1923.

American System Company. (See Hawks, P. L.)

American Tablet Co., Green Bay, Wis. Tablets. 166,366; Apr. 3; Serial No. 170,175; published Nov. 14, 1922.

American Tea & Coffee Co., Inc., Nashville, Tenn. Spices. 171,194; July 31; Serial No. 141,447; published May 15, 1923.

American Textile Art Printing & Dyeing Company, Fort Wayne, Ind. Bedspreads, tablecloths, table covers, luncheon cloths, etc. 167,689; May 8; Serial No. 159,134; published Feb. 13, 1923.

American Thermos Bottle Company, Norwich, Conn. Temperature-retaining vessels. 176,064; Nov. 13; Serial No. 181,102; published Sept. 4, 1923.

American Thermostat Co., Newark, N. J. Thermostatic temperature-control apparatus. 166,491; Apr. 3; Serial No. 171,115; published Jan. 2, 1923.

American Thread Company, The, New York, N. Y. Spool and sewing cotton, cotton thread for manufacturing purposes, cotton yarn, etc. 163,007; Jan. 2.

American Thread Company, The, Jersey City, N. J., and New York, N. Y. Spool and sewing cotton, cotton thread, cotton yarn, knitting cotton, etc. 170,056; July 10; Serial No. 175,910; published Apr. 10, 1923.

American Thread Company, The, Jersey City, N. J., and New York, N. Y. Cotton thread and yarn. 177,691; Dec. 25; Serial No. 183,640; published Oct. 2, 1923.

American Tobacco Company, The, New York, N. Y. Smoking and chewing tobacco and cigarettes. 165,231; Mar. 6.

American Toilet Goods Company, Boston, Mass. Face powder, sachet, talcum, and perfumery powders, lip sticks, etc. 164,672; Feb. 27.

American Toilet Goods Company, Boston, Mass. Face, talcum, sachet, toilet powders, compacts, lip sticks, etc. 167,504; May 1; Serial No. 166,429; published Jan. 2, 1923.

American Transformer Company, Newark, N. J. Transformers used in radio apparatus and parts therefor. 172,013; Aug. 21; Serial No. 175,289; published May 1, 1923.

American Tripoli Company, Seneca, Mo. Tripoli flour. 167,792; May 8; Serial No. 165,109; published Feb. 6, 1923.

American Trouser Co., Pittsburgh, Pa. Men's and boys' trousers. 164,863; Feb. 27.

American Type Founders Co., Jersey City, N. J. Printing presses and sheet feeders. 166,331; Mar. 27.

American Uniform Company, Inc., Wales, Mass. Woolen fabrics in the piece. 170,651; July 17; Serial No. 170,115; published Apr. 24, 1923.

American Varnish Co., The, Chicago, Ill. Paint enamels. 173,708; Oct. 2; Serial No. 177,982; published June 26, 1923.

American Varnish Co., The, Chicago, Ill. Paint enamels. 173,709; Oct. 2; Serial No. 177,891; published June 26, 1923.

American Waltham Watch Co., assignor to Waltham Watch Company, Boston and Waltham, Mass., and New York, N. Y. Watches and parts thereof. 22,859; renewed Apr. 25, 1923.

American Watch & Diamond Company, New York, N. Y. Imitation-pearl necklaces. 166,553; Apr. 10; Serial No. 171,007; published Jan. 16, 1923.

American Webbing Company, Providence, R. I. Braid for use in making rugs. 172,390; Aug. 28; Serial No. 168,703; published May 8, 1923.

American Wholesale Corporation (Baltimore Bargain House), Baltimore and Cumberland, Md. Watches. 164,352; Feb. 20.

American Wholesale Corporation (Baltimore Bargain House). Baltimore and Cumberland, Md. Automobile rubber tires. 165,420; Mar. 6; Serial No. 153,170; published Oct. 17, 1922.

American Wholesale Corporation (Baltimore Bargain House), Baltimore, Md. Clocks. 166,767; Apr. 10.

American Wholesale Corporation (Baltimore Bargain House), Baltimore, Md. Hosiery. 168,166; May 15; Serial No. 172,819; published Feb. 20, 1923.

American Wholesale Corporation (Baltimore Bargain House), Baltimore, Md. Clocks. 168,413; May 22; Serial No. 166,213; published Nov. 14, 1922.

American Wholesale Corporation (Baltimore Bargain House), Baltimore and Cumberland, Md. Dress shirts. 169,103–4; June 5.

American Wholesale Corporation (Baltimore Bargain House), Baltimore, Md. Hosiery. 169,126; June 5.

American Wholesale Corporation (Baltimore Bargain House), Baltimore, Md. Hosiery. 169,423; June 12.

American Wholesale Corporation (Baltimore Bargain House), Baltimore and Cumberland, Md. Suspenders and belts. 169,731; June 26.

American Wholesale Corporation (Baltimore Bargain House), Baltimore, Md. Hosiery. 171,728; Aug. 14; Serial No. 170,613; published May 15, 1923.

American Wholesale Corporation (Baltimore Bargain House), Baltimore and Cumberland, Md. Soft collars and silk ties. 172,162; Aug. 21.

American Wholesale Corporation, (Baltimore Bargain House), Baltimore, Md. Knitted underwear, sweaters, and bathing suits. 173,023; Sept. 11; Serial No. 172,817; published June 5, 1923.

American Wholesale Corporation (Baltimore Bargain House), Baltimore, Md. Mouth harmonicas. 174,389; Oct. 16; Serial No. 172,816; published June 19, 1923.

American Wholesale Corporation (Baltimore Bargain House), Baltimore, Md. Catalogue issued monthly. 175,057; Oct. 30; Serial No. 179,256; published Aug. 7, 1923.

American Wholesale Corporation (Baltimore Bargain House), Baltimore and Cumberland, Md. Men's garters. 176,350; Nov. 20.

American Wholesale Corporation (Baltimore Bargain House), Baltimore, Md. Arm bands. 176,360; Nov. 20.

American Wholesale Corporation (Baltimore Bargain House), Baltimore, Md. Suspenders and belts. 176,941; Dec. 4.

American Wiremold Company, Hartford, Conn. Braiding and weaving machines. 175,101; Oct. 30; Serial No. 179,703; published Aug. 7, 1923.

American Witch Hazel Supply Co., New York, N. Y. Perfume extract, talcum powder, cold cream, face lotion, etc. 176,286; Nov. 20; Serial No. 178,701; published Aug. 14, 1923.

American Woodworking Machinery Company, Rochester, N. Y. Woodworking machines. 171,661; Aug. 7.

American Wringer Company, The. (See Bissell Carpet Sweeper Company, assignor.)

American Wringer Company, The, Providence, R. I., New York and Auburn, N. Y. Wringers. 23,011; renewed May 9, 1923.

American Wringer Company, The, Providence, R. I. Clothes wringers. 23,635; renewed Sept. 19, 1923.

American Wringer Company, The, Providence, R. I. Clothes wringers and driers. 23,636; renewed Sept. 19, 1923.

American Writing Paper Company, Holyoke, Mass. Writing and printing paper. 165,836; Mar. 20; Serial No. 171,116; published Dec. 26, 1922.

American Writing Paper Company, Holyoke, Mass. Writing and printing paper, and mailing envelopes. 171,051; July 31; Serial No. 175,540; published May 15, 1923.

American Writing Paper Company, Holyoke, Mass. Writing and printing paper and mailing envelopes. 173,464; Sept. 25; Serial No. 179,701; published June 19, 1923.

American Writing Paper Company, Holyoke, Mass. Writing and printing paper. 176,084; Nov. 13.

American Writing Paper Company, Holyoke, Mass. Index bristol. 176,104; Nov. 13.

American Writing Paper Company, Holyoke, Mass. Bristol paper. 176,404; Nov. 27; Serial No. 182,037; published Sept. 11, 1923.

American Writing Paper Company, Holyoke, Mass. Offset paper. 177,591–2; Dec. 18.

American Wringer Company, The, Providence, R. I., and New York and Auburn, N. Y., assignor to American Wringer Company Inc., Woonsocket, R. I. Clothes wringers. 24,111; renewed Jan. 23, 1924.

American Wringer Company, The, Providence, R. I., and New York and Auburn, N. Y., assignor to American Wringer Company Inc., Woonsocket, R. I. Clothes wringers. 24,114–16; renewed Jan. 23, 1924.

American Woolen Company, Rochdale, Mass. Woolen piece goods. 175,174; Oct. 30; Serial No. 181,372; published Aug. 7, 1923.

Ames, F. A., Company, The, Owensboro, Ky. Buggies and carriages and bodies and tops of the same and automobile bodies and tops, etc. 167,488; May 1; Serial No. 153,426; published Jan. 23, 1923.

Ames Shovel & Tool Company. (See Terre Haute Shovel & Tool Co., assignor.)

Ames Shovel & Tool Company, Jersey City, N. J., and Boston, Mass. Shovels, spades, and scoops. 166,833; Apr. 17; Serial No. 170,348; published Jan. 9, 1923.

Ames Shovel & Tool Company, Jersey City, N. J., and Boston, Mass. Shovels, spades, and scoops. 170,042; July 10; Serial No. 174,986; published Apr. 17, 1923.

Amherst Knitting Mills, Inc., New York, N. Y. Ladies' and children's suits, dresses, coats, and men's coats, sweaters, etc. 171,909–10; Aug. 14.

Aminoff, Sam M., Chicago, Ill. Brassières and bloomers. and a union garment. 176,089; Nov. 13.

Amore Drug & Chemical Company, New York, N. Y. External remedies for skin diseases. 172,875; Sept. 11; Serial No. 175,977; published May 29, 1923.

Amory, Browne & Co., Boston, Mass. Textile cotton fabrics. 174,192; Oct. 9; Serial No. 181,103; published July 17, 1923.

Amos-James Grocer Company, The, St. Louis, Mo. Canned foodstuffs. 164,046; Feb. 13.

Amos-James Grocer Co., The, St. Louis, Mo. Coffee, canned vegetables, fruits, and fish, and evaporated milk. 168,877; May 29; Serial No. 169,997; published Mar. 13, 1923.

Amoskeag Manufacturing Company, Manchester, N. H. Cotton piece goods. 163,458; Jan. 16.

Amsco Products Inc. (See Hardy, Charles, assignor.)

Amsterdam, Borgos & Adams, New York, N. Y. Ladies' hats and hat frames. 172,381; Aug. 28; Serial No. 142,459; published May 17, 1921.

Amsterdam, Peter, doing business as The Amsterrose Co., Philadelphia, Pa., and New York, N. Y. Shaving cream. 173,814; Oct. 2; Serial No. 171,720; published June 5, 1923.

Amsterdam & Sachs, Inc., New York, N. Y. Ladies' cloaks and wraps. 168,284; May 15.

Amsterose Co., The. (See Amsterdam, Peter.)

Amtexco Trading Company, Inc., New York, N. Y. Cotton piece goods and cotton and silk piece goods. 165,470; Mar. 13; Serial No. 167,668; published Dec. 26, 1922.

Anaconda Copper Mining Company, New York, N. Y. Cast, drawn, rolled, extruded, pressed, and machined nonferrous metals and alloys and ingots, castings, sheets, etc. 170,147; July 10; Serial No. 164,291; published Apr. 3, 1923.

Anaconda Copper Mining Company, New York, N. Y. Tubes. 173,938; Oct. 2; Serial No. 177,062; published July 10, 1923.

Anaconda Copper Mining Company, New York, N. Y. Brass, copper, etc., tubes. 175,024; Oct. 30; Serial No. 177,210; published Aug. 7, 1923.

Anaconda Copper Mining Company, New York, N. Y. Finished commutator copper bars and strips. 175,025; Oct. 30; Serial No. 177,209; published June 5, 1923.

Anaconda Copper Mining Company, New York, N. Y. Finished commutator copper bars and strips. 175,109; Oct. 30; Serial No. 177,063; published June 5, 1923.

Anaconda Copper Mining Company, New York, N. Y. Cast, drawn, rolled, extruded, pressed, and machined nonferrous metals and alloys and ingots, castings, etc. 176,956; Dec. 11; Serial No. 177,208; published Sept. 25, 1923.

Anaconda Lead Products Company, New York, N. Y. Liquid white lead or white-lead paint. 166,237; Mar. 27; Serial No. 165,474; published Nov. 14, 1922.

Anaconda Lead Products Company, New York, N. Y. White lead, both dry and in oil. 166,434; Apr. 3; Serial No. 164,094; published Jan. 9, 1923.

Anaconda Lead Products Company, New York, N. Y. White lead in oil. 165,989; Mar. 27; Serial No. 165,473; published Nov. 14, 1922.

Anaheim Valencia Growers Ass'n., Anaheim, Calif. Fresh citrous fruits. 175,041; Oct. 30; Serial No. 178,370; published Aug. 7, 1923.

Anathan & Company, New York, N. Y. Knitted sweaters, scrafs, and cravats. 163,824; Jan. 30.

Anawan Braid Company. (See Adjusto Shoe Lace Company, assignor.)

Anchor Cap & Closure Corporation, Long Island City, N. Y. Fruit-jar rings. 171,563; Aug. 7; Serial No. 174,353; published May 22, 1923.

Anchor Sales Service. (See Mason, Robert L.)

Anchor Paper Company, The, Cincinnati, Ohio. Wrapping paper. 163,704; Jan. 23.

Anchor Stove & Range Co., New Albany, Ind. Stoves, ranges, and heaters. 167,493; May 1; Serial No. 150,425; published Jan. 9, 1923.

Anchorage Packing Co., Seattle, Wash. Canned salmon. 174,687; Oct. 23; Serial No. 179,918; published July 31, 1923.

Andersen Specialty Co. (See Andersen, Charles M.)

Andersen, Charles M., doing business as Andersen Specialty Co., Chicago, Ill. Liquid wood cleaners and the like for preparing wooden surfaces. 167,577; May 1; Serial No. 166,546; published Jan. 23, 1923.

Anderson, A. & J. M., assignor to Albert & J. M. Anderson Manufacturing Company, Boston, Mass. Electric insulators. 22,148; renewed Dec. 6, 1922.

Anderson, A. W., Corporation, New York, N. Y. Cedar wood used in lining closets. 163,008; Jan. 2.

Anderson, A. W., Corporation, New York, N. Y. Furniture—namely, wardrobes, chests, lockers, bureaus, drawers, and cabinets. 168,751; May 29; Serial No. 171,401; published Feb. 20, 1923.

Anderson, Albert & J. M. Manufacturing Company. (See Anderson, A. & J. M., assignor.)

Anderson, Arthur A., doing business as Arthur Anderson Fish Co., Astoria, Oreg. Canned salmon. 170,515; July 17; Serial No. 172,821; published Apr. 17, 1923.

Anderson, Arthur A., doing business as Arthur Anderson Fish Co., Astoria, Oreg. Canned salmon. 171,412; Aug. 7; Serial No. 172,822; published May 8, 1923.

Anderson Box Company, Anderson, Ind. Shipping and packing boxes for eggs. 166,166; Mar. 27; Serial No. 165,778; published Dec. 19, 1922.

Anderson, Chas., Wasco, Calif. Fresh grapes. 177,148; Dec. 11; Serial No. 182,898; published Sept. 25, 1923.

Anderson, Clayton & Co., Houston, Tex. Raw cotton. 175,472; Nov. 6; Serial No. 181,804; published Aug. 21, 1923.

Anderson, Cleon E., doing business as D. W. Anderson Drug Co., Moroni and Ephraim, Utah. Preparation for canker and sore throat. 176,185; Nov. 20; Serial No. 175,292; published July 31, 1923.

Anderson, David & John, Limited, Bridgeton, Glasgow, Scotland. Woolen cloth and cloth being a mixture of wool and cotton, the wool predominating. 163,978; Feb. 6.

Anderson, Herbert C., Richmond, Ind. Candy. 164,140; Feb. 13.

Anderson, Maurice K., Seattle, Wash. Candy. 166,887; Apr. 17; Serial No. 167,446; published Feb. 6, 1923.

Anderson-Owens Shoe Company, Lynn, Mass. Women's and children's leather shoes with rubber composition heels. 171,698; Aug. 7.

Anderson Supply Co., Seattle, Wash. Photographic prints. 163,684; Jan. 23.

Anderson, Tom D., San Jose, Calif. Collapsible camping outfits. 165,164; Mar. 6; Serial No. 143,375; published Dec. 5, 1922.

Andis, O. M., Manufacturing Co., Racine, Wis. Hair clippers. 166,116; Mar. 27; Serial No. 151,696; published Dec. 5, 1922.

Andrew Jergens Company, The, Cincinnati, Ohio. Soap. 176,193; Nov. 20; Serial No. 148,150; published Oct. 3, 1922.

Andrews Brothers Company, Inc., Pittsburgh, Pa. Fresh citrous fruits, dried and evaporated fruits, canned and fresh vegetables. 169,748; June 26.

Andrews Brothers Company, Inc., Pittsburgh, Pa. Fresh citrous fruits and fresh vegetables. 173,478; Sept. 25; Serial No. 176,152; published May 15, 1923.

Andrews, H. P., Paper Company, New York, N. Y. Bond paper. 173,529; Sept. 25.

Alphabetical list of registrants of trade-marks—Continued.

Andrews, H. P., Paper Company, New York, N. Y. Thin soft paper. 175,342; Nov. 6; Serial No. 171,407; published Aug. 21, 1923.
Andrews, H. P., Paper Company, New York, N. Y. Index bristol paper. 175,343; Nov. 6; Serial No. 171,405; published Aug. 21, 1923.
Andrews, H. P., Paper Company, New York, N. Y. Ledger paper. 175,350; Nov. 6; Serial No. 167,757; published Aug. 21, 1923.
Andrews, H. P., Paper Company, New York, N. Y. Bond paper. 175,351; Nov. 6; Serial No. 167,754; published Aug. 21, 1923.
Andrews, H. P., Paper Company, New York, N. Y. Index bristol paper. 175,352; Nov. 6; Serial No. 167,753; published Aug. 21, 1923.
Andrews, H. P., Paper Company, New York, N. Y. Ledger paper. 175,989; Nov. 13; Serial No. 167,760; published Aug. 28, 1923.
Andrews, H. P., Paper Company, New York, N. Y. Tough manila paper. 176,349; Nov. 20.
Andrews, H. P., Paper Company, New York, N. Y. Bond paper. 177,601–2; Dec. 18.
Andrews, H. P., Paper Company, New York, N. Y. Paper suitable for making copies from stencil impressions. 177,637; Dec. 25; Serial No. 171,402; published Oct. 9, 1923.
Andrews, H. P., Paper Company, New York, N. Y. Paper suitable for making copies from stencil impressions. 177,638; Dec. 25; Serial No. 171,406; published Oct. 9, 1923.
Angel, H. Reeve, & Co., Inc., New York, N. Y. Bond and correspondence paper. 172,917; Sept. 11; Serial No. 178,020; published June 5, 1923.
Angeles Packing Company. (See Conniff, Harry.)
Angier Chemical Co., Boston, Mass. Refined petroleum for internal and external remedies for diseases. 24,051; renewed Jan. 16, 1924.
Angle, Charles O., doing business as Angle Mfg. Co., Racine, Wis. Negligee, dress, and sport shirts. 175,216; Oct. 30.
Anglo-American Mill Company. (See Sandefur, Charles O., assignor.)
Anglo-American Provision Company, Chicago, Ill. Lard. 24,555; renewed Apr. 17, 1924.
Anglo-Indian Drug & Chemical Co., The, doing business as Kaminia Perfumery Co., Bombay, India. Perfumery and hair oil. 175,410; Nov. 6; Serial No. 166,869; published Aug. 14, 1923.
Anhydrous Food Products Co., The, Chicago, Ill. Dehydrated soup mixture, vegetables, fruits, fish, and meats. 172,384; Aug. 28; Serial No. 136,346; published Apr. 10, 1923.
Aniceto Visitacion, New York, N. Y. Fountain pens. 165,927; Mar. 20.
Aniline Sales Corporation, New York, N. Y. Aniline dyes, dyestuffs, and Turkey-red oil. 164,671; Feb. 27.
Animated Advertising Corporation, Lancaster, Pa., and New York, N. Y. Colored transparencies of the type of stereopticon slides. 167,316; Apr. 24.
Aniseptol Chemical Co. (See Barab, Jacob.)
Anita Company, The. (See Rostow, Anna D.)
Anna Creamery Company, Anna, Ohio. Butter. 176,616; Nov. 27; Serial No. 174,685; published July 31, 1923.
Ansco Company, Binghamton, N. Y. Photographic films. 166,463; Apr. 3; Serial No. 169,274; published Jan. 2, 1923.
Ansco Company, Binghamton, N. Y. Combination camera and film kits. 170,162; July 10; Serial No. 169,798; published Apr. 3, 1923.
Ansco Company, Binghamton, N. Y. Photographic films. 173,990–7; Oct. 2; Serial No 178,797–804; published July 10, 1923.
Ansco Company, Binghamton, N. Y. Photographic films. 174,183–4; Oct. 9; Serial No. 178,806–7; published July 10, 1923.
Ansco Company, Binghamton, N. Y. Photographic films. 174,186; Oct. 9; Serial No. 178,805; published July 10, 1923.
Ansonia O & C Co., The, Ansonia, Conn. Clasps for arm bands. 172,401; Aug. 28; Serial No. 165,053; published May 1, 1923.
Ansted & Burk Co., The, Springfield, Ohio. Poultry feed. 172,471; Aug. 28; Serial No. 171,783; published May 8, 1923.
Anthony Company, Streator, Ill. Vehicle bodies and parts. 169,915; July 3.
Anthony, James A., Girard, Ala. Beverages sold as soft drinks. 169,021; May 29.
Anthracite Supply Company. (See Israel, Ralph.)
Anti-Darn Hosiery Mills. (See May Hosiery Mills.)
Anti-Hydro Waterproofing Company, Newark, N. J. Liquid hardener for cement masonry. 163,009; Jan. 2.
Anti-Hydro Waterproofing Company, Newark, N. J. Liquid for use with concrete and cement mixtures. 169,330; June 12; Serial No. 174,423; published Mar. 27, 1923.
Anti-Itis Company. (See Standard Crayon Manufacturing Company.)
Anti-Poison Medicine Co., Springfield, Mo. Antidote for poison, and remedies for blood and liver diseases. 22,994; renewed May 9, 1923.
Ant-I-Wet Corporation, New York, N. Y. Boys' clothes and caps. 164,940; Feb. 27.
Antoine Chiris Company, New York, N. Y. Phenylacetaldehyde, phenyl ethyl alcohol and acetate, etc. 176,365; Nov. 20.
Anuzis and Yuknis Co., Chicago, Ill. Hand lotion. 163,010; Jan. 2.
Anzani, Alessandro, Courbevoie, France. Internal-combustion engines and parts thereof, gasoline motors, and parts thereof. 163,648; Jan. 23.
Apaca Knitting Mills. (See Forstadt, Jacob.)
Apco Asphalt Roofing Co., Inc., New York, N. Y. Asphalt roofing. 168,526; May 22.
Apco Manufacturing Company, Providence, R. I. Anti-rattlers, brake-rod supports, axle braces, license brackets, steering-column braces, etc. 163,011; Jan. 2.
Apel-Schneider Co., Philadelphia, Pa. Shoes, boots, and slippers. 169,372; June 12; Serial No. 169,667; published Mar. 6, 1923.
Apex Electrical Manufacturing Co., The, Cleveland, Ohio. Clothes washing and wringing machines, washing machines, clothes wringers, and ironing machines. 164,962; Feb. 27.
Apex Electrical Manufacturing Company, The, Cleveland, Ohio. Electrical cooking apparatus. 177,612–14; Dec. 25; Serial Nos. 182,639–41; published Sept. 18, 1923.
Apex Motor Fuel and Lubricant Co., Chicago, Ill. Lubricating oils. 164,023; Feb. 6.
Apex Motor Fuel and Lubricant Co., Chicago, Ill. Lubricating oils and gasoline. 172,398; Aug. 28; Serial No. 167,156; published May 29, 1923.
Apfelbaum, Frederick A., New York, N. Y. Lantern slides. 172,782; Sept. 11; Serial No. 158,280; published June 5, 1923.
Apollo Shirt Company, New York, N. Y. Dress and top shirts. 176,454; Nov. 27; Serial No. 176,869; published Sept. 18, 1923.
Appel-Hall, Philadelphia, Pa. Sweaters, cardigan jackets, bathing suits. 177,576; Dec. 18; Serial No. 184,054; published Oct. 9, 1923.
Apple Gum Company, Inc., New York, N. Y. Chewing gum. 171,514; Aug. 7; Serial No. 173,161; published May 8, 1923.
Applegate, Howard T., Montclair, N. J. Flexible shoulder straps. 176,511; Nov. 27; Serial No. 165,054; published Sept. 11, 1923.
Appleman, Leon, doing business as Nufur Manufacturing Company, Pittsburgh, Pa. Composition for cleaning furs and the like. 164,001; Feb. 6.
Appleton Electric Company, Chicago, Ill. Lock nuts, bushings, connectors, swivel fixture joints, etc. 165,305; Mar. 6; Serial No. 163,129; published Nov. 28, 1922.
Appleton Rubber Company, Franklin and Boston, Mass. Rubber-compound splicing tape and gray friction adhesive tape. 164,619; Feb. 20.
Appleton Toy & Furniture Co., Appleton, Wis. Porch furniture. 174,959; Oct. 30; Serial No. 161,403; published Aug. 7, 1923.
Aquascutum Limited, London, England. Overcoats for men and children and coats for women. 164,058; Feb. 13.
Aqua-Sulphur Company. (See Sassetti, Joseph.)
Arabol Manufacturing Co., The, New York, N. Y. Powdered vegetable glues. 174,208–9; Oct. 9; Serial No. 179,641–2; published July 10, 1923.
Arango y Arango, Tampa, Fla. Cigars. 167,041; Apr. 24; Serial No. 170,676; published Jan. 16, 1923.
Arata, John B., Jr., Inc., Philadelphia, Pa. Candies. 177,352; Dec. 18; Serial No. 180,515; published Sept. 11, 1923.
Arbuckle Brothers, New York, N. Y., and Chicago, Ill., and also doing business as Arbuckles & Company, Pittsburgh, Pa. Coffee. 169,297; June 12; Serial No. 166,162; published Mar. 27, 1923.
Arbuckle Brothers, New York, N. Y. Coffee. 172,069; Aug. 21; Serial No. 177,348; published May 29, 1923.
Arbuckles & Company. (See Arbuckle Brothers.)
Arbuthnot-Stephenson Co., Pittsburgh, Pa. Hosiery. 163,548; Jan. 23.
Arcadia, The. (See Dilas, Harry.)
Arcady Farms Milling Company, Chicago, Ill. Prepared feed for animals, comprising feed for poultry and live stock. 171,029; July 31; Serial No. 160,847; published Mar. 27, 1923.
Arcady Farms Milling Company, Chicago, Ill. Prepared stock feed. 176,844; Dec. 4; Serial No. 178,205; published Aug. 21, 1923.
Arch Aid Shoe Co. (See Menihan Company, The.)
Arch Crown Mfg. Co., Newark, N. J. Finger rings and jewel mountings and settings. 163,671; Jan. 23.
Arch Narrow Fabric Company, Auburn, R. I. Braid, braided tapes, elastic laces, etc. 177,396; Dec. 18; Serial No. 181,470; published Oct. 2, 1923.
Archambault, B. Aurelia, St. Louis, Mo. Hair elixir. 165,848; Mar. 20; Serial No. 168,627; published Jan. 2, 1923.
Archer, Lenah B., Navarre, Ohio. Alloy made from nickel ore for forging steel. 174,762; Oct. 23; Serial No. 168,288; published July 31, 1923.
Archer Strauss Rubber Company, Framingham, Mass. Waterproof fabrics. 169,247; June 12; Serial No. 170,705; published Mar. 13, 1923.

Archibald & Lewis Company, New York, N. Y. Chlorite, lime, insect powder, borax, dye, etc. 164,484; Feb. 20.
Archibald & Lewis Company, New York, N. Y. Spices, birdseed, bird food, seasoning herbs, tapioca. 172,932; Sept. 11; Serial No. 165,475; published June 5, 1923.
Ardath Tobacco Company, Limited, London, England. Cigarettes. 164,832; Feb. 27.
Ardath Tobacco Company, Limited, London, England. Smoking tobacco. 167,174; Apr. 24; Serial No. 171,981; published Jan. 9, 1923.
Ardath Tobacco Company, Limited, London, England. Cigarettes. 168,255–6; May 15; Serial Nos. 171,978–9; published Feb. 27, 1923.
Ardath Tobacco Company, Limited, London, England. Cigarettes. 168,432; May 22; Serial No. 171,982; published Feb. 20, 1923.
Arden, Elizabeth. (See Lewis, Florence N.)
Argo Fabrics Corporation, The, Philadelphia, Pa. Knitted fabrics. 165,574; Mar. 13; Serial No. 162,094; published July 25, 1922.
Argus Manufacturing Company, The, Cleveland, Ohio. Roofing cement, joint cement, and concrete hardener. 163,012; Jan. 2.
Argyle Chemical Works, Brooklyn, N. Y. Stove polish. 163,423; Jan. 9.
Aridor Company, The, Chicago, Ill. Jars, cases, and other receptacles. 172,242; Aug. 28; Serial No. 163,850; published May 29, 1923.
Ariel Works Ltd., Birmingham, England. Cycles, motor cycles, automobiles, aeroplanes, and carriages. 174,982; Oct. 30; Serial No. 137,252; published Aug. 14, 1923.
Arion Shirt Company. (See Trachtenberg, Harry.)
Arium Co., The. (See Kerr, Geo. F.)
Arizona Citrus Growers' Co., Phoenix, Ariz. Fresh citrous fruits. 170,516; July 17; Serial No. 172,857; published Apr. 17, 1923.
Arizona Gypsum Plaster Co., Douglas, Ariz. Ground and calcined plaster and gypsum tile. 169,013; May 29.
Arkansas Brick and Tile Co., Little Rock, Ark. Fire brick. 177,808; Dec. 25.
Arkelian, Ben H., & Co., Fresno, Calif. Fresh grapes and cantaloupes. 172,788; Sept. 11; Serial No. 164,482; published June 5, 1923.
Arkell & Smiths, Canajoharie, N. Y. Paper bags or sakcs. 163,649; Jan. 23.
Arlington Chemical Company, The, Yonkers, N. Y. Proteins, pollens, urease, etc. 172,546; Sept. 4; Serial No. 173,587; published May 8, 1923.
Arlt, Anna H., Brooklyn, N. Y. Rouge. 177,747; Dec. 25; Serial No. 179,512; published Oct. 9, 1923.
Armand Company, The, Des Moines, Iowa. Cold-cream powder. 172,968; Sept. 11; Serial No. 174,994; published June 5, 1923.
Armand Company, The, Des Moines, Iowa. Face and talcum powders, rouge, cold cream, etc. 175,671; Nov. 6.
Armand Company, The, Des Moines, Iowa. Face and talcum powders, rouge, vanishing cream, etc. 177,798; Dec. 25.
Armiger Chemical Co., Chicago, Ill. Friction compound in wafer form for application to brake linings, etc. 169,467; June 19; Serial No. 173,618; published Mar. 20, 1923.
Armour & Co., assignor to Armour and Company, Chicago, Ill. Substitute for lard and butter. 23,291; renewed July 4, 1923.
Armour and Company, Chicago, Ill. Beverage sold as a soft drink. 164,130; Feb. 13.
Armour and Company, Chicago, Ill. Medicinal preparation used in the treatment of diabetes. 173,987; Oct. 2; Serial No. 178,702; published July 17, 1923.
Armour Fertilizer Works, Chicago, Ill., and Louisville, Ky. Commercial fertilizer. 169,633; June 26; Serial No. 174,952; published Mar. 27, 1923.
Armstrong Cork Company, Pittsburgh, Pa. Crown seals and closures for bottles, cork and cork-composition closures and seals for bottles. 167,850; May 8; Serial No. 164,293; published Feb. 20, 1923.
Armstrong Cork Company, Pittsburgh, Pa. Gaskets, washers, packing, and friction surfaces. 168,204; May 15; Serial No. 162,526; published Jan. 30, 1923.
Armstrong Cork Company, Pittsburgh, Pa. Crown seals and closures for bottles, etc. 169,153; June 12; Serial No. 164,292; published Mar. 27, 1923.
Armstrong Cork Company, Pittsburgh, Pa. Crown seals and closures for bottles, cork and cork-composition closures, etc. 169,154; June 12; Serial No. 164,294; published Mar. 13, 1923.
Armstrong Cork Company, Pittsburgh and Lancaster, Pa. Rubber heels. 170,115; July 10; Serial No. 159,828; published Apr. 3, 1923.
Armstrong Golf Grip Corporation, The, Baltimore, Md. Golf grips. 175,668; Nov. 6.
Army and Navy Register Publishing Co., assignor to Army and Navy Publishing Co., Inc., Washington, D. C. Newspapers. 22,896; renewed May 2, 1923.
Arnesto Paint Co. Inc., New York, N. Y. Lead, oil, and zinc paint for outside and inside use. 164,644; Feb. 27.
Arnica Cream Company, Inc. (See Shirey & Brown, assignors.)
Arnold, F. R., & Co., New York, N. Y. Toilet preparation for refreshing and rejuvenating the skin and for removing wrinkles. 167,738; May 8; Serial No. 168,868; published Jan. 2, 1923.
Arnold-Madaus Milling Co., The, Sterling, Kans. Hard-wheat flour. 166,144; Mar. 27; Serial No. 157,245; published Nov. 7, 1922.
Arobin Drug Company, Milwaukee, Wis. Preparation for neuralgia, neuritis, headaches, and colds. 167,612; May 1; Serial No. 152,668; published Jan. 2, 1923.
Aroma Incense Company, Los Angeles, Calif. Incense. 176,335; Nov. 20.
Aronovich, L., Havre, Mont. Medicine for rheumatism. 163,013; Jan. 2.
Arrow Film Corporation, New York, N. Y. Motion-picture films. 165,011; Feb. 27.
Arrow Knitting Company. (See Cohen, Jacob H.)
Arrow Neckwear Co., Boston, Mass. Bows, neckties, and cravats. 163,549; Jan. 23.
Arrow Paint & Wall Paper Company, Denver, Colo. Wall paper. 177,527; Dec. 18; Serial No. 182,643; published Sept. 11, 1923.
Arrowhead Trading Corporation, New York, N. Y. Razors. 168,892; May 29; Serial No. 169,471; published Mar. 6, 1923.
Art Industries, Inc. (See Waldmeyer, Francis J., assignor.)
Art Label Company, The. (See Lasher, Charles W., jr.)
Art Metal Works, The, Newark, N. J. Combination pocket pencils, and pocket lighters. 166,124; Mar. 27; Serial No. 153,279; published Dec. 13, 1921.
Art Needle Mfg. Co., Inc., New York, N. Y. Hand embroidery needles. 174,928; Oct. 23.
Art Ornament Co., The, New York, N. Y. Manicure sets. 176,034; Nov. 13; Serial No. 179,450; published Sept. 4, 1923.
Artcraft Silk Hosiery Mills, Inc., Philadelphia, Pa. Knit goods—viz, hosiery. 163,550; Jan. 23.
Artemesia. (See Lequy, Jules.)
Arthur Company. (See Arthur, Philip S.)
Arthur, Philip S., doing business as Arthur Company, New York, N. Y. Lard. 165,867; Mar. 20; Serial No. 165,113; published Jan. 2, 1923.
Artists Brush and Color Corporation, New York, N. Y. Artists' materials. 174,266; Oct. 9; Serial No. 175,454; published July 10, 1923.
Artsilk Knitting Mills, New York, N. Y. Woven and knitted silk and cotton goods in the piece. 165,943; Mar. 20.
Artsilk Knitting Mills, New York, N. Y. Broad silk in the piece. 173,181; Sept. 18; Serial No. 169,743; published June 19, 1923.
Artsilk Knitting Mills, West New York, N. J. Silk and silk and cotton goods in piece. 173,189; Sept. 18; Serial No. 168,348; published June 12, 1923.
Arundel Clarence E., San Francisco, Calif. Navigational appliances. 170,361; July 10.
Arwe, Carl H., Manufacturing Company, Brooklyn, N. Y. Coffee, chocolate, water and other urns, sugar bowls, fruit bowls, and steam tables. 167,255; Apr. 24; Serial No. 169,742; published Feb. 6, 1923.
Arzen Laboratories. (See Charlton & Matzen.)
Asbestos and Allied Products Co., New York, N. Y. Asbestos brake lining and clutch-disk facing. 170,227; July 10; Serial No. 174,813; published Apr. 3, 1923.
Asbestos, Limited, New York, N. Y. Plastic roofing compounds. 173,095; Sept. 18; Serial No. 177,263; published June 12, 1923.
Asbestos, Limited, New York, N. Y. Ready-mixed paints. 174,853; Oct. 23; Serial No. 177,262; published June 19, 1923.
Asbestos Roofing Company, Boston, Mass. Ready-mixed paints. 164,332; Feb. 20.
Asch, J. T., & Sons, New York, N. Y. Men's, ladies', and boys' hats. 165,674; Mar. 20; Serial No. 166,520; published Dec. 12, 1922.
Ash, Edward, doing business as Maid-Well Garment Company, Forrest City, Ark. Ladies' misses', and children's dresses and aprons. 164,866; Feb. 27.
Ashaway Line & Twine Manufacturing Company, Ashaway, R. I. Fishing line. 169,935; July 3.
Asher, Helen, doing business as Francis Lee & Company, San Francisco, Calif. Furniture polish. 167,925; May 8; Serial No. 170,603; published Feb. 13, 1923.
Ashkar, Michael A., doing business as Geddes Manufacturing Company, Syracuse, N. Y. Hair lotion. 166,966; Apr. 17.
Ashland Tire and Rubber Company, The, Ashland, Ohio. Rubber fabric or rubber and fabric automobile tire casings and inner tubes. 165,418; Mar. 6; Serial No. 152,604; published Oct. 10, 1922.
Ashley, Frank R., Denver, Colo. Awnings, awning frames, covers, and parts thereof. 171,513; Aug. 7; Serial No. 173,068; published May 8, 1923.
Ashtabula Bow Socket Company, The, Ashtabula, Ohio. Bow sockets for vehicle tops and fittings therefor. 171,381; Aug. 7; Serial No. 146,286; published July 11, 1922.
Ashton, James, Baron. (See Lyon, Hall & Co., assignor.)
Asia Company, The, Los Angeles, Calif. Bottled and barreled sauce, soy, packed miso, etc. 176,738; Nov. 27; Serial No. 174,163; published July 24, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Asia Sales Corporation, Portland, Oreg. Carpets, rugs, and draperies. 175,567; Nov. 6; Serial No. 181,236; published Aug. 28, 1923.
Asiatic Import Co., Inc., New York, N. Y. Toy animals. 171,228; July 31; Serial No. 177,030; published Apr. 24, 1923.
Askegaard, E. D., Moorhead, Minn. Potatoes in their natural state. 173,482; Sept. 11; Serial No. 175,911; published June 19, 1923.
Askinn, Morris H., doing business as Trichitone Laboratories, New York, N. Y. Hair tonic. 172,707; Sept. 11; Serial No. 175,593; published May 29, 1923.
Asp-a-Lax Company, Des Moines, Iowa. Liquid preparation containing aspirin. 163,014; Jan. 2.
Aspegren & Co., Inc., New York, N. Y. Corn oil for food purposes. 167,517; May 1; Serial No. 165,436; published Jan. 30, 1923.
Aspirin-Seltzer Co. (See Smith, George S.)
Asselin, Alexandria, doing business as Mrs. Asselin & Co., Lowell, Mass. Tonic, cough sirup, salve, and plaster for use in cases of rheumatism, backache, etc. 165,538; Mar. 13; Serial No. 159,778; published Nov. 28, 1922.
Asselin, Mrs., & Co. (See Asselin, Alexandria.)
Assets Producing Company, doing business as Atlantic-Pacific Paint Works, Chicago, Ill. Paints, varnishes, paint enamels, stains, and colors. 176,040; Nov. 13; Serial No. 179,921; published Sept. 4, 1923.
Associated Editors, Chicago, Ill. Title for cartoons. 173,765; Oct. 2; Serial No. 177,119; published June 12, 1923.
Associated Exhibitors Inc., Dover, Del., and New York, N. Y. Motion pictures. 170,776; July 24; Serial No. 175,759; published Apr. 24, 1923.
Associated Fruit Co., Miami, Fla. Fresh citrous fruits. 167,966; May 8.
Associated Growers Inc., Lodi, Calif. Fresh grapes. 169,263; June 12; Serial No. 157,402; published Mar. 27, 1923.
Associated Manufacturers Co., Milwaukee, Wis. Blackboard erasers. 175,279; Oct. 30.
Associated Merchandising Corporation, Newark, N. J., and New York, N. Y. Tape. 173,715; Oct. 2; Serial No. 178,704; published July 3, 1923.
Associated Merchandising Corporation, Newark, N. J., and New York, N. Y. Dress shields. 173,716; Oct. 2; Serial No. 178,705; published July 3, 1923.
Associated Merchandising Corporation, Newark, N. J., and New York, N. Y. Women's dresses and hosiery. 175,964; Nov. 13; Serial No. 172,194; published Aug. 21, 1923.
Associated Oil Company, San Francisco, Calif. Kerosene. 176,768; Nov. 27.
Associated Publishers of Iowa, The, Waterloo, Iowa. Periodically-issued literary supplements. 169,796; July 3; Serial No. 169,741; published Mar. 27, 1923.
Associated Radium Chemists, Inc. (See Kerr, Geo. F., assignor.)
Associated Radium Chemists, Inc., New York, N. Y. Tooth paste, wash, and dentifrice. 172,675; Sept. 11; Serial No. 166,925; published May 8, 1923.
Associated Textile Manufacturers, Inc., New York, N. Y. Manufactured textile fabrics. 173,380; Sept. 25; Serial No. 175,232; published Apr. 17, 1923.
Associated Textile Manufacturers, Inc., New York, N. Y. Manufactured textile fabrics. 177,636; Dec. 25; Serial No. 174,279; published Oct. 2, 1923.
Associated Tire Stores Corporation, New York, N. Y., assignors to Century-Plainfield Rubber Company, Plainfield, N. J. Tires and tubes. 175,695; Nov. 6.
Asthma-non Co. (See Bundt, Charles R.)
Asthma-Tab Laboratories, Kansas City, Mo. Preparation for the relief of asthma and hay fever. 175,266; Oct. 30.
Asthma-Tol Co., The, Greer, S. C. Asthma medicine. 169,990; July 10; Serial No. 137,598; published Dec. 26, 1922.
Astoria By-Products Co. (See Carruthers, Mrs. Richard.)
Astoria Flouring Mills Company, The, Portland, Oreg. Wheat flour. 176,847; Dec. 4; Serial No. 176,591; published Sept. 11, 1923.
Astrup Company, The, Cleveland, Ohio. Tent and awning grommets, tent snaphooks and hooks and eyes, awning gears, etc. 164,376; Feb. 20.
Atascadero Fruit Exchange, Atascadero, Calif. Canned fruits and vegetables. 166,323; Mar. 27.
Atascadero Fruit Exchange, Atascadero, Calif. Canned fruits and vegetables. 169,257; June 12; Serial No. 171,300; published Mar. 27, 1923.
Atascadero Fruit Exchange, Atascadero, Calif. Canned fruits and vegetables. 173,342; Sept. 25; Serial No. 171,346; published June 26, 1923.
Atex Mills. (See Tully, Michael P.)
Athens Hosiery Mills, Athens, Tenn. Hosiery for men. 166,631; Apr. 10; Serial No. 168,289; published Jan. 9, 1923.
Athens Hosiery Mills, Athens, Tenn. Misses' hosiery. 176,269; Nov. 20; Serial No. 176,530; published Sept. 4, 1923.
Atkins, Cora P., West Hartford, Conn. Parcel carrier. 168,709; May 29; Serial No. 155,584; published Feb. 20, 1923.
Atkinson, Wade & Co., New York, N. Y. Cretonnes, linens, reps, etc., in the piece. 175,608; Nov. 6; Serial No. 173,342; published Aug. 28, 1923.
Atlanta Barbers' Supply Co. (See Atlanta Barbers' Supply Company.)
Atlanta Barbers' Supply Co., Atlanta, Ga. Toilet water and face lotions. 163,217; Jan. 2.
Atlanta Barbers' Supply Company, doing business as Atlanta Barbers' Supply Co., Atlanta, Ga. Hair tonics and dandruff preventive. 163,218; Jan. 2.
Atlanta Barbers Supply Company, Atlanta, Ga. Preparation for cleaning the scalp. 169,610; June 26; Serial No. 172,502; published Mar. 6, 1923.
Atlanta Barbers Supply Company, Atlanta, Ga. Combination cold cream and face powder, deodorant, etc. 174,705; Oct. 23; Serial No. 176,592; published July 24, 1923.
Atlanta Bottling Works. (See Fleming, J. A.)
Atlanta Milling Company, Atlanta, Ga. Wheat flour. 167,434; May 1; Serial No. 163,250; published Dec. 19, 1923.
Atlanta Milling Co., Atlanta, Ga. Self-rising flour. 172,738; Sept. 11; Serial No. 169,345; published Feb. 27, 1923.
Atlantic Bottling Works. (See Acunto, Paul.)
Atlantic Canning Co., Rehoboth Beach, Del. Canned tomato paste. 168,603; May 29; Serial No. 168,628; published Mar. 6, 1923.
Atlantic Elevator Company, Inc., Philadelphia, Pa. Hoisting rope and cable. 174,218; Oct. 9; Serial No. 181,051; published July 10, 1923.
Atlantic Knitting Mills, Inc., New York, N. Y. Ladies' knitted capes, shawls, and scarfs. 164,865; Feb. 27.
Atlantic Laboratories, Atlanta, Ga. Preparation for use as a general household cleaner. 172,026; Aug. 21; Serial No. 169,146; published May 22, 1923.
Atlantic Mills, Stottville, N. Y. Cotton and woolen piece goods and piece goods of mixed cotton and wool. 173,929; Oct. 2; Serial No. 177,947; published July 17, 1923.
Atlantic Mills, Stottville, N. Y. Woolen piece goods. 173,930; Oct. 2; Serial No. 177,946; published July 17, 1923.
Atlantic-Pacific Paint Works. (See Assets Producing Company.)
Atlantic-Pacific Radio Supplies Company. (See Oard Radio Laboratories.)
Atlantic Refining Company, The, Philadelphia, Pa. Oils, greases, etc. 167,693; May 8; Serial No. 160,105; published Feb. 13, 1923.
Atlantic Refining Company, The, Philadelphia, Pa. Petroleum grease. 169,869; July 3; Serial No. 174,814; published Mar. 20, 1923.
Atlantic Refining Company, The, Philadelphia, Pa. Oils, greases, etc. 176,542; Nov. 27; Serial No. 183,812; published Sept. 18, 1923.
Atlantic Steel Company, Atlanta, Ga. Wire fences. 171,801; Aug. 14; Serial No. 176,531; published May 5, 1923.
Atlantic Syrup Refining Co., Philadelphia, Pa. Table sirup. 164,927; Feb. 27.
Atlantic Tank & Barrel Corporation, Hoboken, N. J. Wooden barrels. 166,227; Mar. 27; Serial No. 165,051; published Dec. 5, 1922.
Atlantic Varnish Works, Inc., Richmond, Va. Varnish. 167,776; May 8; Serial No. 172,504; published Feb. 13, 1923.
Atlas Baking Company, Chicago, Ill. Cakes and bread. 172,827; Sept. 11; Serial No. 166,623; published May 15, 1923.
Atlas China Company, The, Niles, Ohio. Chinaware. 174,083; Oct. 2; Serial No. 181,104; published July 10, 1923.
Atlas Electric Devices Co., Chicago, Ill. Apparatus for testing the fading quality of cloth. 164,518; Feb. 20.
Atlas Hammock Co., New York, N. Y. Couch hammocks and stands therefor. 173,806; Oct. 2; Serial No. 173,048; published July 3, 1923.
Atlas Portland Cement Company, The, North Hampton, Pa., and New York, N. Y. Stucco. 163,015; Jan. 2.
Atlas Rubber Company. (See Schulthess, Ernest.)
Atlas Shear Co., The, Bridgeport, Conn. Shears and scissors. 174,723; Oct. 23; Serial No. 174,281; published July 24, 1923.
Atlas Specialty Manufacturing Company, Chicago, Ill. Fabric covers for automobile accessories. 174,463; Oct. 16; Serial No. 174,057; published July 17, 1923.
Atmore and Son, Inc., Philadelphia, Pa. Mayonnaise. 170,449; July 17; Serial No. 172,196; published Apr. 10, 1923.
Atwater Kent Manufacturing Company, Philadelphia, Pa. Radio telephone and telegraph instruments and sets and parts therefor. 172,189; Aug. 21.
Atwater Kent Manufacturing Company, Philadelphia, Pa. Radio telegraph and telephone instruments and sets and parts therefor, etc. 175,913; Nov. 13; Serial No. 180,410; published Aug. 21, 1923.
Audiola Radio Company, Chicago, Ill. Radio and wireless telephone equipment. 171,308; Aug. 7; Serial No. 163,304; published Aug. 29, 1922.
Auerbach, D., & Sons, New York, N. Y. Chocolates. 163,270; Jan. 9.

Auerbach, D., and Sons, New York, N. Y. Candies. 170,747; July 24; Serial No. 173,737; published Apr. 24, 1923.

Auerlicht Gesellschaft m. b. H. Kommanditgesellschaft. Berlin, Germany. Upright and inverted gas mantles, burners, and lamps therefor and their parts and supplies therefor. 171,621; Aug. 7; Serial No. 177,537; published May 22, 1923.

Augstein, S., & Co., New York, N. Y. Sweater coats, jerseys, bathing suits, knitted scarfs, etc. 168,792; May 29; Serial No. 134,741; published Feb. 8, 1921.

Augusta Bedding Company, Augusta, Ga. Mattresses. 167,753; May 8; Serial No. 170,706; published Feb. 13, 1923.

Auld, Hampton, Newark, N. J. Preparation for mixing with printing ink to give body thereto. 169,015; May 29.

Auld, Ima, Dinuba, Calif. Face lotions. 170,196; July 10; Serial No. 173,393; published Apr. 3, 1923.

Ault & Wiborg Co., The, Cincinnati, Ohio. Dry color for use in rubber manufacturing; 170,079; July 10; Serial No. 167,285; published Apr. 3, 1923.

Aunt Jemima Mills Company, St. Joseph, Mo. Prepared and semiprepared cereal foods. 166,082; Mar. 27; Serial No. 158,591; published Oct. 10, 1922.

Aunt Jemima Mills Company, St. Joseph, Mo. Prepared and semiprepared breakfast cereals. 167,387; May 1; Serial No. 164,624; published Jan. 30, 1923.

Aunt Jemima Mills Company, St. Joseph, Mo. Wheat flour. 167,394; May 1; Serial No. 164,090; published Dec. 19, 1922.

Aurich & Wolf, New York, N. Y. Lithographing inks. 164,314; Feb. 20.

Austin Manufacturing Co. (See Blake, Mrs. E. A.)

Austin, Nichols & Co., Inc., Brooklyn, N. Y. Cigars. 163,271; Jan. 9.

Austin, Nichols & Co., Inc., Brooklyn, N. Y. Canned sardines. 176,705; Nov. 27; Serial No. 178,206; published Sept. 11, 1923.

Austin, William M., New York, N. Y. Mercerized cotton damask. 163,943; Feb. 6.

Auth, N., Prov. Co., Washington, D. C. Bovine and swinish and mutton meats, hams, sausages, etc. 173,629; Oct. 2; Serial No. 162,092; published July 3, 1923.

Auth, N., Prov. Co., Washington, D. C. Bovine and swinish and mutton meats and meat products. 173,644; Oct. 2; Serial No. 162,093; published July 3, 1923.

Authorized Wassermann Medical Corporation, New York, N. Y. Medicated plasters. 176,169; Nov. 20; Serial No. 177,211; published Aug. 28, 1923.

Auto-Hone Co., The, Buffalo, N. Y. Metal-working cylindrical milling tools. 168,184; May 15; Serial No. 169,147; published Feb. 13, 1923.

Auto Pedal Pad Co., New York, N. Y. Automobile pedal pads and accelerator heel rests. 169,725; June 26.

Auto Products Mfg. Co. Inc., Buffalo, N. Y. Auto products. 171,035; July 31; Serial No. 158,744; published May 8, 1923.

Auto Spring Protector Co. (See Papp, Abraham.)

Autol Scientific Laboratories. (See Cerny, George A.)

Aut-O-Luk Card Co. (See Storgaard, Henry.)

Automatic Burner Corporation, Chicago, Ill. Fuel-oil burners. 165,080; Mar. 6; Serial No. 158,911; published Mar. 14, 1922.

Automatic Curtain Co. (See Warren, Clyde W.)

Automatic Dishwasher Co., New York, N. Y. Dishwashing machines. 167,258; Apr. 24; Serial 168,996; published Feb. 6, 1923.

Automatic Electric Company, Chicago, Ill. Automatic telephone systems. 166,292; Mar. 27.

Automatic Electric Company, Chicago, Ill. Automatic telephone systems. 166,580; Apr. 10. Serial No. 171,721; published Jan. 9, 1923.

Automatic Meshbag Co., Providence, R. I. Ladies' hand bags. 166,566; Apr. 10; Serial No. 167,449; published Jan. 2, 1923.

Automatic Recording Safe Co., The, Chicago, Ill. Portable savings banks. 175,154–5; Oct. 30; Serial Nos. 180,825–6; published Aug. 14, 1923.

Automatic Refrigerating Company, The, Hartford, Conn. Refrigerating apparatus. 170,998; July 31; Serial No. 177,644; published May 15, 1923.

Automatic Refrigerating Company, The, Hartford, Conn. Refrigerating apparatus. 172,062; Aug. 21; Serial No. 177,645; published May 22, 1923.

Automatic Transportation Co., The, Buffalo, N. Y. Electrically-operated tractors and locomotives. 177,579; Dec. 18.

Automatic Trap Co., Chicago, Ill. Mouse and rat traps. 163,488; Jan. 16.

Automative Toy Kraft Company, Sacramento, Calif. Toy vehicles. 168,980; May 29.

Automobile Appliances Co., Philadelphia, Pa. Vacuum-operated mechanical stop signal and direction-indicating device for automobiles. 169,252; June 12; Serial No. 170,923; published Mar. 20, 1923.

Automobilwerke H. Büssing, Aktiengesellschaft, Braunschweig, Germany. Motor trucks and motor omnibuses. 176,904; Dec. 4.

Auty, Jonas, Seekonk, Mass. Liquid preparation for hair dressing, all scalp diseases, chap, etc. 164,480; Feb. 20.

Avalon Knitwear Company, Utica, N. Y. Bathing suits. 171,324; Aug. 7; Serial No. 168,570; published May 8, 1923.

Averill, Georgene, New York, N. Y. Dolls and doll outfits. 169,969; July 10; Serial No. 164,144; published Apr. 10, 1923.

Avery Company, Peoria, Ill. Thrashers. 166,030; Mar. 27; Serial No. 167,157; published Dec. 5, 1922.

Axxo Chemical Co., New York, N. Y. Detergent in the nature of a water softener and soap. 174,812; Oct. 23; Serial No. 180,957; published July 24, 1923.

Ayer, Harriet Hubbard, New York, N. Y. Toilet soap. 163,776; Jan. 30.

Ayer, Harriet Hubbard, New York, N. Y. Vanity boxes. 164,620; Feb. 20.

Ayer, Harriet Hubbard, New York, N. Y. Perfumes. 164,679–81; Feb. 27.

Ayer, Harriet Hubbard, New York, N. Y. Perfumes. 164,688; Feb. 27.

Ayer, Harriet Hubbard, New York, N. Y. Shampoo. 165,433–4; Mar. 13; Serial Nos. 165,845–6; published Nov. 28, 1922.

Ayer, Harriet Hubbard, New York, N. Y. Coloring for eyebrows. 165,467; Mar. 13; Serial No. 167,503; published Dec. 12, 1922.

Ayer, Harriet Hubbard, New York, N. Y. Perfumes. 167,345; May 1; Serial No. 162,975; published Aug. 22, 1922.

Azol Laboratories. (See Gilbert, Glenn R.)

Azor Motor Mfg. Co., The, Cleveland, Ohio. Electric motors. 169,479; June 19; Serial No. 174,285; published Mar. 27, 1923.

B. B. Drug & Chemical Co. (See Jarvis, Henry C.)

B-B Shoe Company, The, Milwaukee, Wis. Shoes and slippers made wholly or in part of leather. 169,383; June 12; Serial No. 171,891; published Mar. 20, 1923.

B. B. W. Mfg. Co. Inc., New York, N. Y. Hinged spectacle frames and parts thereof. 165,001; Feb. 27.

B. D. Rising Paper Company, Housatonic, Mass. Bond, linen, ledger, and bristol papers and writing papers generally. 163,530; Jan. 16.

B & L Metal Stamping Co., Inc., New York, N. Y. Metal parts and fittings for electric-lighting fixtures, also complete electric-lighting fixtures. 174,577; Oct. 23; Serial No. 164,489; published July 24, 1923.

B. & R. Mfg. Co., Inc., West Hoboken, N. J. Elastic specialties. 164,228; Feb. 13.

B. & R. Mfg. Co., Inc., West Hoboken, N. J. Elastic girdles and elastic negligee hose supporters. 165,395; Mar. 6; Serial No. 157,654; published Dec. 5, 1922.

B. V. D. Company, The, assignor to The B. V. D. Company, Inc., Baltimore, Md. Underwear of woven and knitted fabrics. 163,555; Jan. 23.

Baalmann, John, San Francisco, Calif. Gas tablets for relieving gas from the stomach and bowels, etc. 170,830; July 24; Serial No. 169,996; published Apr. 24, 1923.

Bab, Inc., New York, N. Y. Ladies', misses', and children's knitted dresses, suits, waists, blouses, etc. 177,568; Dec. 18; Serial No. 176,532; published Aug. 21, 1923.

Babani, Maurice, Paris, France. Perfume extracts, lotions, toilet waters, etc. 171,954; Aug. 14.

Babbitt, Harve C., Boise, Idaho. Veterinary remedy for the prevention of abortion in cattle. 168,064; May 15; Serial No. 171,347; published Feb. 20, 1923.

Babcock, A. P., Co., New York, N. Y. Cold, face, vanishing, and cleansing creams, perfume, sachets, etc. 177,169; Dec. 11; Serial No. 181,237; published Sept. 18, 1923.

Babcock, A. P. Company, New York, N. Y. Perfumery, talcum, toilet, and face powders, rouge, etc. 167,300; Apr. 24.

Babcock & Shannon Co., Albany, N. Y. Pants, jackets, and overalls, coats, etc. 171,268; July 31; Serial No. 168,870; published May 8, 1923.

Babcock & Shannon Co., Albany, N. Y. Collars, neckties, suspenders, etc. 171,269; July 31; Serial No. 168,869; published May 8, 1923.

Babcock & Wilcox Company, The, Elizabethport, N. J., and New York, N. Y. Steam generators. 23,692; renewed Oct. 10, 1923.

Babson Bros. (See Blake, Henry, Harness Company, assignor.)

Baby Shop, Inc., The, San Francisco, Calif. Children's rompers, overalls, and dresses. 166,616; Apr. 10; Serial No. 121,143; published Apr. 11, 1922.

Bach, James J., doing business as Io Thyro Chocolate Company, Milwaukee, Wis. Goiter preventive. 177,673; Dec. 25; Serial No. 180,736; published Oct. 9, 1923.

Bach, L. R., & Brown, Denver, Colo. Storage batteries and dry cells. 164,848; Feb. 27.

Bacharach-Rasin Co., Baltimore, Md. Bicycles. 171,491; Aug. 7; Serial No. 115,398; published May 22, 1923.

Bachmann Bros., Philadelphia, Pa. Sheeting made from nitrocellulose compounds. 167,571; May 1; Serial No. 166,931; published Jan. 9, 1923.

Bachmann Bros., Philadelphia, Pa. Spectacle frames. 173,548; Sept. 25.

Bachmann, Jacob, doing business as J. Bachmann & Co., New York, N. Y. Leather belting. 174,438; Oct. 16; Serial No. 177,760; published July 3, 1923.

Bachrach, Joseph, doing business as Bachrach Specialty Co., New York, N. Y. Inkwells. 163,272; Jan. 9.

Alphabetical list of registrants of trade-marks—Continued.

Bachrach Specialty Co. (See Bachrach, Joseph.)
Badger Foot Powder Co., Milwaukee, Wis. Foot powders. 164,497; Feb. 20.
Badger Raincoat Co., The, Port Washington, Wis. Raincoats and waterproof garments. 165,926; Mar. 20.
Badger Rubber Works, The, Milwaukee and Cudahy, Wis. Nonmetallic tires. 171,731; Aug. 14; Serial No. 170,267; published Apr. 3, 1923.
Badger Wire & Iron Works, Milwaukee, Wis. Concrete mixers. 167,314; Apr. 24.
Baechtold, Herman, doing business as Rochelle Lace Works, New York, N. Y. Imported woven fabrics. 170,234; July 10; Serial No. 174,032; published Apr. 3, 1923.
Baeffsky, Louis, doing business as Famous Raincoat Company, Cincinnati, Ohio. Men's and boys' overcoats and suits. 175,393; Nov. 6; Serial No. 157,910; published Aug. 7, 1923.
Baer Bros. Mfg. Co., Chicago, Ill. Ladies' and children's hats and caps. 163,551; Jan. 23.
Baer Company, The, Lehighton, Pa. Thrown silk. 166,924; Apr. 17; Serial No. 154,119; published Jan. 30, 1923.
Baer, Howard W., Atlantic City, N. J. Antiseptic powder. 167,601; May 1; Serial No. 165,224; published Jan. 2, 1923.
Baer, Leopold G., Chicago, Ill. Ball tossing and receiving game apparatus. 165,735; Mar. 20; Serial No. 169,523; published Dec. 12, 1922.
Bagget, James A., doing business as Submarine Pyorrhea Co., Dallas, Tex. Tooth paste or dental cream. 173,255; Sept. 18; Serial No. 179,452; published June 12, 1923.
Bagshaw, W. H., Co., Lowell, Mass. Talking-machine needles. 167,991; May 8.
Bahmann Iron Works Company, Boston, Mass., and Dayton, Ohio. Sugar machinery. 163,869; Feb. 6.
Bahnsen, C., & Co., Inc., New York, N. Y. Bolivia coatings in the piece. 177,303–4; Dec. 18; Serial Nos. 172,461–2; published Sept. 25, 1923.
Bailet, Guillaume, Hendon, London, England. Dyes for the hair. 167,807; May 8; Serial No. 167,218; published Feb. 13, 1923.
Bailey & Company, Inc., Atlanta, Ga. Piston rings. 173,313; Sept. 18; Serial No. 179,131; published June 19, 1923.
Bailey, John H., Charleston, S. C. Cement for repairing wood, glass, china, and other articles. 164,853; Feb. 27.
Bailey, Walter R., Los Angeles, Calif. Chicken remedies. 165,579; Mar. 13; Serial No. 162,604; published Dec. 12, 1922.
Bailhache, Isophene G., doing business as The Dubblebord Company, San Francisco, Calif. Ironing boards. 173,528; Sept. 25.
Bailhe, George, doing business as The Vocaleze Company, Fort Wayne, Ind. Aromatic medicinal liquid for relief of throat irritations, colds, hay fever, etc. 167,374; May 1; Serial No. 167,970; published Dec. 26, 1922.
Bain-Alexander Company, San Francisco, Calif. Coffee. 163,273; Jan. 9.
Baird-North Company, Providence, R. I. Artificial or reconstructed pearls. 166,587; Apr. 10; Serial No. 171,680; published Jan. 2, 1923.
Baird-North Company, Providence, R. I. Watches. 174,885; Oct. 23; Serial No. 181,715; published July 24, 1923.
Baird, William F., doing business as William F. Baird Company, Winchester, Mass. Refrigerating vehicle bodies. 177,800; Dec. 25.
Baker Brush Co., Inc., New York, N. Y. Artists' and painters' brushes. 163,274; Jan. 9.
Baker Brush Co., Inc., New York, N. Y. Paintbrushes. 173,736; Oct. 2; Serial No. 178,490; published June 19, 1923.
Baker Castor Oil Company, The, Jersey City, N. J., and New York, N. Y. Castor oil. 23,895–6; renewed Dec. 5, 1923.
Baker, Clarence I., Indianapolis, Ind. New and second-hand furniture. 167,610; May 1; Serial No. 154,426; published Oct. 10, 1922.
Baker & Co., Inc., Newark, N. J. Dental metal. 173,278; Sept. 18; Serial No. 178,950; published June 19, 1923.
Baker & Co., Inc., Newark, N. J. Dental band material. 173,459; Sept. 25; Serial No. 178,949; published June 19, 1923.
Baker & Co., Inc., Newark, N. J. Dental metal. 173,460; Sept. 25; Serial No. 178,951; published June 19, 1923.
Baker, David C., New York, N. Y. Sanitary head shield for dental chair. 171,633; Aug. 7.
Baker, Erwin H., San Jose, Calif. Medicine for coughs, colds, bronchitis, croup, etc. 164,614; Feb. 20.
Baker, Geo., & Sons, Brockton, Mass. Carpet tacks. 164,313; Feb. 20.
Baker, George W., Shoe Company, Brooklyn, N. Y. Children's and women's shoes made of leather, canvas, etc. 166,111; Mar. 27; Serial No. 150,655; published Dec. 5, 1922.
Baker, Hamilton and Pacific Company, San Francisco, Calif. Garden hose. 174,768; Oct. 23; Serial No. 170,359; published July 31, 1923.
Baker, Hamilton and Pacific Company, San Francisco, Calif. Adhesive tape. 175,073; Oct. 30; Serial No. 170,356; published Aug. 7, 1923.
Baker, Hamilton and Pacific Company, San Francisco, Calif. Asphalt-saturated roofing felt, building paper, deadening felt, etc. 175,074; Oct. 30; Serial No. 170,353; published Aug. 7, 1923.
Baker, Hamilton and Pacific Company, San Francisco, Calif. Padlocks and key blanks. 175,075; Oct. 30; Serial No. 170,351; published Aug. 7, 1923.
Baker, Hamilton & Pacific Company, San Francisco, Calif. Stepladders. 175,388; Nov. 6; Serial No. 170,352; published Aug. 28, 1923.
Baker, Hamilton and Pacific Company, San Francisco, Calif. Adhesive tape for electrical purposes. 175,762; Nov. 13; Serial No. 170,355; published Aug. 7, 1923.
Baker, Hamilton and Pacific Company, San Francisco, Calif. Carpenters' steel squares, family weighing scales, shingling-hatchet gauges, etc. 175,763; Nov. 13; Serial No. 170,350; published Aug. 28, 1923.
Baker, Hamilton and Pacific Company, San Francisco, Calif. Lead pencils and carpenters' pencils. 175,950; Nov. 13; Serial No. 170,349; published Aug. 28, 1923.
Baker, Hamilton & Pacific Company, San Francisco, Calif. Adzes, auger bits, axes, hacksaws, etc. 177,646; Dec. 25; Serial No. 170,354; published Aug. 21, 1923.
Baker Ice Cream Company, Cleveland, Ohio. Ice cream, water ices, and sherbets. 169,732; June 26.
Baker, Jos. G., Richmond, Va. Cleanser for all kinds of finished surfaces. 174,014; Oct. 2; Serial No. 175,458; published June 5, 1923.
Baker-Lockwood Mfg. Co., Inc., The, Kansas City, Mo. Stocking protectors for the knees. 165,515; Mar. 13; Serial No. 163,498; published Dec. 19, 1922.
Baker Paint & Varnish Co., Jersey City, N. J. Putty. 169,032; May 29.
Baker Paint & Varnish Co., Jersey City, N. J. Varnish stain. 169,484; June 19; Serial No. 174,603; published Mar. 20, 1923.
Baker Paint & Varnish Co., Jersey City, N. J. Paints, varnishes, putties, dry colors, white lead, etc. 169,872; July 3; Serial No. 174,605; published Apr. 3, 1923.
Baker Paint & Varnish Co., Jersey City, N. J. Paint enamels. 169,873; July 3; Serial No. 174,604; published Apr. 3, 1923.
Baker-Perkins Manufacturing Corporation, Saginaw, Mich. Dough and bun dividers, bread proofers, panning machines, mixers, etc. 170,237; July 10; Serial No. 174,228; published Apr. 10, 1923.
Baker-Perkins Manufacturing Corporation, Saginaw, Mich. Baking ovens. 175,773; Nov. 13; Serial No. 177,581; published Aug. 21, 1923.
Baker, R. & L. Company, The, Cleveland, Ohio. Elevating industrial trucks and structural parts thereof. 169,206; June 12; Serial No. 168,705; published Mar. 13, 1923.
Balbo, Frank C., Oakland, Calif. Bread and cookies. 165,138; Mar. 6; Serial No. 150,725; published Nov. 7, 1922.
Balcells. (See Buenaventura, Balcells Valbona.)
Baldacci, Valentino, doing business as Laboratorio Chimico Farmaceutico V. Baldacci, Pisa, Italy. Pharmaceutical preparations for the treatment of diabetes, etc. 173,328; Sept. 25; Serial No. 171,703; published June 26, 1923.
Baldacci, Valentino, doing business as Laboratorio Chimico Farmaceutico V. Baldacci, Pisa, Italy. Pharmaceutical preparations for coughs, whooping cough, etc. 174,112; Oct. 2; Serial No. 170,921; published July 3, 1923.
Baldacci, Valentino, doing business as Laboratorio Chimico Farmaceutico V. Baldacci, Pisa, Italy. Hæmostatic preparations. 174,934; Oct. 30; Serial No. 170,888; published July 24, 1923.
Baldur-Pianofort-Fabrik Aktien-Gesellschaft, Frankfort-on-the-Main, Germany. Musical instruments and supplies. 166,533; Apr. 10; Serial No. 164,787; published Jan. 2, 1923.
Baldwin Company, The. (See Baldwin, D. H., & Co., assignors.)
Baldwin Company, The, Cincinnati, Ohio. Player pianos and piano players. 165,257; Mar. 6; Serial No. 167,705; published Dec. 19, 1922.
Baldwin Company, The, Cincinnati, Ohio. Pianos and player pianos. 165,628; Mar. 13.
Baldwin Company, The, Cincinnati, Ohio. Pianos, player pianos, and piano players. 177,746; Dec. 25; Serial No. 180,264; published Oct. 9, 1923.
Baldwin, D. H., & Co., assignor to The Baldwin Company, Cincinnati, Ohio. Pianos. 20,903; renewed Mar. 29, 1922.
Baldwin, Henry P., Ltd., Lahaina, Hawaii. Canned fruits. 164,673–4; Feb. 27.
Baldwin, Henry P., Ltd., doing business as Baldwin Packers, Lahaina, Maui, Hawaii. Canned pineapple. 164,950; Feb. 27.
Baldwin, Henry P., Ltd., doing business as The Baldwin Packers, Lahaina, Hawaii. Canned pineapple. 168,536; May 22.
Baldwin, Joseph T., Baltimore, Md. Portable metallic garages. 167,511; May 1; Serial No. 166,341; published Jan. 30, 1923.
Baldwin Locomotive Works, The, Philadelphia, Pa. Locomotives and parts thereof. 165,035; Feb. 27.
Baldwin Packers. (See Baldwin, Henry P., Ltd.)

Baldwin Tool Works, Parkersburg, W. Va. Shovels, spades, scoops, etc. 164,501; Feb. 20.
Baldwin Tool Works, Parkersburg, W. Va. Shovels, spades, scoops, posthole diggers, and wooden handles. 164,582; Feb. 20.
Baldwin Tool Works, Parkersburg, W. Va. Shovels, spades, scoops, posthole diggers, and wooden handles. 164,609–10; Feb. 20.
Baldwin Tool Works, Parkersburg, W. Va. Shovels, scoops, spades, posthole diggers, and wooden handles. 167,230; Apr. 24; Serial No. 166,644; published Jan. 30, 1923.
Baldwin Tool Works, Parkersburg, W. Va. Shovels, spades, scoops, posthole diggers, and wooden handles. 173,433; Sept. 25; Serial No. 166,645; published Jan. 23, 1923.
Baldwin Tool Works, Parkersburg, W. Va. Shovels, spades, scoops, posthole diggers, etc. 174,760; Oct. 23; Serial No. 166,636; published Aug. 7, 1923.
Baldwin Tool Works, Parkersburg, W. Va. Shovels, spades, scoops, etc. 176,518; Nov. 27; Serial No. 166,638; published Sept. 11, 1923.
Baldwins Limited, London, England. Tin and terne plates and sheets. 166,790; Apr. 17; Serial No. 158,415; published Jan. 16, 1923.
Balfour, Williamson and Company, New York, N. Y. Oils used in the paint, varnish, and linoleum industries and including china-wood oil. 164,415; Feb. 20.
Ball, F. M., & Company, San Francisco, Calif. Canned fruits and vegetables. 171,101; July 31; Serial No. 174,229; published May 15, 1923.
Ball, F. M., & Company, San Francisco, Calif. Canned deciduous fruits, vegetables, fruit salad, etc. 177,064; Dec. 11; Serial No. 174,879; published Sept. 18, 1923.
Ballantine, P., & Sons, Newark, N. J. Malt sirup, hop flavored, for beverage purposes. 166,335; Mar. 27.
Ballantyne, D., Brothers & Company, Limited, Peebles, Scotland. Knitted wear for ladies, gentlemen, and children. 173,831; Oct. 2; Serial No. 175,053; published June 26, 1923.
Ballard & Ballard Co., Louisville, Ky. Self-rising wheat flour. 170,705; July 24; Serial No. 154,075; published Mar. 20, 1923.
Ballard & Ballard Co., Incorporated, Louisville, Ky. Wheat flour—namely, self-rising flour. 172,473; Aug. 28; Serial No. 172,719; published May 8, 1923.
Ballard & Ballard Company, Louisville, Ky. Stock, poultry, and chick feeds. 167,147; Apr. 24; Serial No. 156,074; published Dec. 26, 1922.
Ballard & Ballard Company, Louisville, Ky. Self-rising flour. 170,882; July 24; Serial No. 157,295; published Mar. 20, 1923.
Ballard & Ballard Company, Louisville, Ky. Self-rising wheat flour. 170,883; July 24; Serial No. 159,080; published Mar. 20, 1923.
Ballard & Ballard Company, Louisville, Ky. Prepared wheat flour. 170,884; July 24; Serial No. 159,079; published Mar. 20, 1923.
Ballard & Ballard Company, Louisville, Ky. Prepared flour containing wheat flour, bran, sugar, and salt. 171,034; July 31; Serial No. 159,081; published Mar. 27, 1923.
Ballard & Ballard Company, Louisville, Ky. Wheat flour—namely, self-rising flour. 172,625; Sept. 11; Serial No. 159,078; published June 5, 1923.
Ballard and Ballard Company, Louisville, Ky. Wheat flour—namely, self-rising flour. 172,626; Sept. 11; Serial No. 156,434; published June 5, 1923.
Ballard, J. O., & Company, Malone, N. Y. Men's pants, business and golf suits, ulsters, overcoats, etc. 164,248; Feb. 13.
Ballard, J. O., & Company, Malone, N. Y. Men's pants. 164,249; Feb. 13.
Balme, Paul, doing business as B. Paul, New York, N. Y. Hair dye. 165,811; Mar. 20; Serial No. 167,345; published Jan. 2, 1923.
Balmer, J. H., Co. (See Balmer, John H.)
Balmer, John H., doing business as J. H. Balmer Co., Newark, N. J. Vitreous china bathroom fixtures. 163,650; Jan. 23.
Balsamea Co., The, San Francisco, Calif. Medicinal preparation recommended for the treatment of affections of the throat, etc. 170,724; July 24; Serial No. 172,661; published Apr. 24, 1923.
Baltar, Joseph T., New Orleans, La. Tablets for the treatment of colds, la grippe, and headache. 176,307; Nov. 20; Serial No. 179,258; published Aug. 14, 1923.
Baltic Chemical Co., The, Chicago, Ill. Liquid preparation for use on the skin to keep the mosquitoes away. 167,426; May 1; Serial No. 165,341; published Jan. 30, 1923.
Baltimore Bargain House, Baltimore and Cumberland, Md. Monthly publications. 173,583; Sept. 25.
Baltimore Bargain House, Baltimore and Cumberland, Md. Shoe lasts, blind awnings, animal traps, rubber cloth, etc. 174,459; Oct. 16; Serial No. 117,793; published June 26, 1923.
Baltimore Copper Paint Company. (See Reeder, Oliver & Son, Inc.)
Baltimore Optical Company, Baltimore, Md. Lenses and frames for eyeglasses and spectacles. 170,007; July 10; Serial No. 172,929; published Apr. 3, 1923.
Baltz, Charles, Chicago, Ill. Cheese. 165,376; Mar. 6; Serial No. 160,279; published Nov. 7, 1922.
Bamberger, L., & Co., Newark, N. J. Blouses. 164,245–6; Feb. 13.
Bamberger, L., & Co., Newark, N. J. Corsets. 164,873; Feb. 27.
Bamberger, L., & Co., Newark, N. J. Corsets, middies, women's hats and blouses. 164,874; Feb. 27.
Bamberger, L., & Co., Newark, N. J. Corsets and brassières. 166,726; Apr. 10; Serial No. 160,486; published Jan. 16, 1923.
Bamberger, L., & Co., Newark, N. J. Women's dresses. 171,730; Aug. 14; Serial No. 170,361; published May 22, 1923.
Bamberger, L., & Co., Newark, N. J. Women's suits. 176,112; Nov. 20; Serial No. 160,483; published Sept. 11, 1023.
Bamberger, L., & Co., Newark, N. Y. Talking machines and pianos. 176,777; Nov. 27.
Bamberger, L., & Co., Newark, N. J. Women's dresses. 177,308; Dec. 18; Serial No. 170,360; published Oct. 2, 1923.
Bamberger Reinthal Co., The, Cleveland, Ohio. Knitted caps. 171,201; July 31; Serial No. 151,864; published May 8, 1923.
Bamberger Reinthal Company, The, Cleveland, Ohio. Caps. 172,548; Sept. 4; Serial No. 173,459; published June 5, 1923.
Bambini Company. (See Bambini, Isola.)
Bambini, Isola, doing business as Bambini Company, Albuquerque, N. Mex. Face lotion, beauty balm, and face cream. 166,143; Mar. 27; Serial No. 157,253; published Nov. 28, 1922.
Bancroft, Joseph, & Sons Company, Wilmington, Del. Cotton piece goods. 174,027; Oct. 2; Serial No. 176,440; published June 19, 1923.
Bangert, Adolph. (See Bangert Improved Tool Co., assignor.)
Bangert Improved Tool Co., Inc., Union, assignor, by mesne assignments, to A. Bangert, Jersey City, N. J. Mechanics' wrenches, hammers, pliers, and pincers. 169,262; June 12; Serial No. 158,073; published Mar. 20, 1923.
Bangor Publishing Company, Bangor, Me. Daily newspaper. 165,252; Mar. 6; Serial No. 168,820; published Dec. 19, 1922.
Bankee Corporation of America, Los Angeles, Calif. Trading stamps and coupons, booklets, etc. 172,118; Aug. 21; Serial No. 175,421; published May 15, 1923.
Bankers Discount Association, Astoria, Oreg. Canned salmon. 177,184; Dec. 11; Serial No. 180,830; published Sept. 25, 1923.
Bankers Savings & Credit System Company, The, Cleveland, Ohio. Portable money receptacles or portable banks. 165,507–8; Mar. 13; Serial Nos. 165,115–6; published Dec. 19, 1922.
Bankers Savings and Credit System Company, The, Cleveland, Ohio. Money receptacles or portable banks. 168,141; May 15; Serial No. 170,268; published Feb. 27, 1923.
Bankers Supply Co., The, Denver, Colo., and Chicago, Ill. Safety paper—viz, blank checks. 173,042; Sept. 11; Serial No. 179,391; published June 5, 1923.
Bankers Supply Co., The, Denver, Colo., and Chicago, Ill. Publications issued weekly. 176,424; Nov. 27; Serial No. 181,509; published Sept. 11, 1923.
Banks, Chester O., also doing business as C. O. Banks Co., Monrovia, Calif. Fresh citrous fruits. 175,618; Nov. 6; Serial No. 180,831; published Aug. 21, 1923.
Banks, Llewellyn A., doing business as Citrus Growers Cash Association, Los Angeles, Calif. Fresh citrous fruits—viz, oranges and lemons. 172,620; Sept. 11; Serial No 161,960; published Dec. 26, 1922.
Banks, Llewellyn A., doing business as Citrus Growers Cash Association, Los Angeles, Calif. Fresh citrous and deciduous fruits. 173,645; Oct. 2; Serial No. 161,959; published July 3, 1923.
Banner Silk Knitting Mills, Inc., The, New York, N. Y. Silk knitted cloth in the bolt. 163,927; Feb. 6.
Banner Silk Knitting Mills, Inc., New York, N. Y. Knitted silk fabrics. 163,976; Feb. 6.
Banner Silk Knitting Mills, Inc., The, New York, N. Y. Knitted silk fabrics. 166,869; Apr. 17; Serial No. 163,254; published Jan. 30, 1923.
Banner Silk Knitting Mills, Inc., The, New York, N. Y. Knitted silk fabrics. 171,532; Aug. 7; Serial No. 175,377; published May 1, 1923.
Banner Silk Knitting Mills, Inc., The, New York, N. Y. Knitted silk fabric—viz, silk knitted cloth in the piece 171,625; Aug. 7; Serial No. 177,161; published May 22, 1923.
Banner Silk Knitting Mills, Inc., The, New York, N. Y. Knitted silk fabrics. 174,157; Oct. 9; Serial No. 180,781; published July 17, 1923.
Banner Silk Knitting Mills, Inc., The, New York, N. Y. Knitted silk fabrics. 174,185; Oct. 9; Serial No. 180,784; published July 17, 1923.
Banner Silk Knitting Mills, Inc., The, New York, N. Y. Knitted silk fabrics. 177,692; Dec. 25; Serial No. 183,621; published Oct. 2, 1923.
Banner Silk Knitting Mills, Inc., The, New York, N. Y. Knitted silk fabrics. 177,781; Dec. 25; Serial No. 183,901; published Oct. 2, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Banning Canning Co., Banning, Calif. Canned fruits. 166,091; Mar. 27; Serial No. 164,295; published Dec. 19, 1922.
Banning Canning Co., Banning, Calif. Canned fruits. 166,092–3; Mar. 27; Serial Nos. 164,297–8; published Dec. 19, 1922.
Banning Canning Co., Banning, Calif. Canned fruits. 166,252; Mar. 27; Serial No. 164,296; published Dec. 19, 1922.
Banning Canning Co., Banning, Calif. Canned fruits. 166,253; Mar. 27; Serial No. 164,301; published Dec. 19, 1922.
Banning Canning Co., Banning, Calif. Canned fruits. 168,597; May 29; Serial No. 164,300; published Feb. 13, 1923.
Banning, Edmund P., doing business as Gravity Appliance Company, Dayton, Ohio. Body braces. 163,705; Jan. 23.
Banning, Margery A., Evanston, Ill. Ginger bread and cookies. 176,864; Dec. 4; Serial No. 158,592; published Sept. 4, 1923.
Banos, V., & Co. Inc., Brooklyn, N. Y. Food product. 174,516; Oct. 16; Serial No. 177,948; published July 24, 1923.
Barab, Jacob, doing business as Aniseptol Chemical Co., Wilmington, Del. Emollient for use for chapped skin, sunburn, etc. 176,318; Nov. 20; Serial No. 179,085; published Sept. 11, 1923.
Barash Bros., Inc., New York, N. Y. Ric-rac braid. 174,767; Oct. 23; Serial No. 170,269; published July 24, 1923.
Barash Brothers, Inc., New York, N. Y. Rickrack braid and shirred ribbon elastic. 174,129; Oct. 2; Serial No. 180,738; published July 3, 1923.
Barbara Ann Dress Shops, Inc., New York, N. Y. Dresses. 166,665; Apr. 10; Serial No. 165,055; published Jan. 2, 1923.
Barber, A. H., & Co., Chicago, Ill., and Plymouth and Dodgeville, Wis. Cheese. 177,383; Dec. 18; Serial No. 182,040; published Oct. 2, 1923.
Barber, A. H., & Co., Chicago, Ill., and Plymouth and Dodgeville, Wis. Cheese. 177,384; Dec. 18; Serial No. 182,042; published Oct. 2, 1923.
Barber Asphalt Company, The, Philadelphia, Pa. Steam rollers, tandem and macadam rollers, gasoline tandem and macadam rollers, etc. 163,908; Feb. 6.
Barber Asphalt Company, The, Philadelphia, Pa. Fire wagons, surface heaters, stationary and portable melting kettles. 174,469; Oct. 16; Serial No. 170,748; published June 26, 1923.
Barber Asphalt Paving Company, The, Philadelphia, Pa. Waterproof roofing sheets and shingles. 163,017; Jan. 2.
Barber Asphalt Paving Company, The, Philadelphia, Pa. Asphalt, crude and refined, and paving materials containing asphalt. 163,018; Jan. 2.
Barber Asphalt Paving Company, The, Philadelphia, Pa. Asphalt and paving materials containing asphalt. 165,079; Mar. 6; Serial No. 163,373; published Oct. 10, 1922.
Barber Asphalt Paving Company, The, Philadelphia, Pa. Motor and other oils and greases. 167,786; May 8; Serial No. 166,764; published Feb. 13, 1923.
Barber Asphalt Paving Company, The, Philadelphia, Pa. Asphalt, asphalt cement, road asphalt, and paving block filler. 167,872; May 8; Serial No. 168,444; published Feb. 20, 1923.
Barber Asphalt Paving Company, The, Philadelphia, Pa. Paints. 168,635; May 29; Serial No. 168,350; published Feb. 27, 1923.
Barber Asphalt Paving Company, The, Philadelphia, Pa. Asphalt and paving materials containing asphalt. 174,450; Oct. 16; Serial No. 163,965; published July 3, 1923.
Barber, W. H., Co., Minneapolis, Minn. Lubricating oils. 166,158; Mar. 27; Serial No. 154,053; published Jan. 24, 1923.
Barbieri, Peter, Perth Amboy, N. J. Rubber soles and heels. 176,119; Nov. 20; Serial No. 166,032; published Nov. 14, 1922.
Barbour Brothers Co., The, Paterson, N. J. Lock-stitch machine thread. 163,019; Jan. 2.
Barbour Flax Spinning Co., Paterson, N. J. Sewing thread. 171,898; Aug. 14.
Barbour Flax Spinning Co., Paterson, N. J. Hand and machine sewing linen threads. 174,092; Oct. 2; Serial No. 179,984; published July 10, 1923.
Barbour Flax Spinning Co., Paterson, N. J. Hand-sewing and machine-sewing linen threads. 175,550; Nov. 6; Serial No. 179,985; published July 31, 1923.
Barbour Welting Company, Brockton, Mass. Cut soles of leather for boots and shoes. 172,125; Aug. 21; Serial No. 175,054; published May 22, 1923.
Barclay & Co., Wilmington, Del., and New York, N. Y. Soap. 165,069; Mar. 6; Serial No. 164,535; published Dec. 5, 1922.
Barclay & Co., assignor to R. White & Sons, Limited, London, England. Aerated and nonalcoholic ale. 24,135; renewed Jan. 30, 1924.
Barclay, Douglas M., doing business as Standard Granite Company, Barre, Vt. Granite blocks. 167,622; May 1; Serial No. 167,761; published Dec. 19, 1922.
Barclay, James S., doing business as Psycho Emulsion Co., New York, N. Y. Medicinal preparation used as a general tonic. 164,161; Feb. 13.
Bare Fruit Co. (See Bare, John V.)
Bare, John V., doing business as Bare Fruit Co., Lodi, Calif. Fresh grapes. 164,087–8; Feb. 13.
Bario Metal Corporation, The, New York, N. Y. Metal alloys. 171,664; Aug. 7.
Bariscillo, John J., doing business as Tonsitol Laboratories, Asbury Park, N. J. Preparation for the treatment of tonsillitis, hoarseness, quinsy, etc. 172,892; Sept. 11; Serial No. 175,641; published May 15, 1923.
Barkann, Milton D., Jersey City, N. J. Burs. 168,741; May 29; Serial No. 171,198; published Feb. 27, 1923.
Barke-Berger Food Products Co., Toledo, Ohio. Salads, salad dressings, pickles, etc. 175,204; Oct. 30; Serial No. 175,182; published Aug. 14, 1923.
Barker, H. J., Chicago, Ill. Poultry fountains. 169,102; June 5.
Barkmahn Company, Inc., The, New York, N. Y. Pipes. 172,130; Aug. 21; Serial No. 174,602; published May 22, 1923.
Barley Motor Car Company, Kalamazoo, Mich. Taxicabs. 175,019; Oct. 30; Serial No. 177,349; published Aug. 14, 1923.
Barlith Company, The, San Francisco, Calif. Liquid waterproofing composition for wood, brick, etc. 173,018; Sept. 11; Serial No. 173,126; published June 5, 1923.
Barlow-Moore Tobacco Company, Glasgow, Ky. Twist, plug, and smoking tobacco. 164,908; Feb. 27.
Barmon Brothers Company Inc., Buffalo, N. Y. Dresses. 176,092; Nov. 13.
Barna, Nicholas, doing business as Cosmos Laboratory, Keyport, N. J. Antiperspiration compounds. 167,514; May 1; Serial No. 164,857; published Jan. 30, 1923.
Barnängens Teckn. Fabrikers A. B., Stockholm, Sweden. Drawing, indelible, marking, printing, etc., inks. 169,453; June 19; Serial No. 172,720; published Mar. 27, 1923.
Barnängens Teckn. Fabrikers A. Bolag, Stockholm, Sweden. Drawing, indelible, marking, printing, etc., inks. 169,452; June 19; Serial No. 172,722; published Mar. 27, 1923.
Barnard, Geo. D., Stationery Company, St. Louis, Mo. Writing paper. 166,979; Apr. 17.
Barnard Manufacturing Company, Superior, Nebr. Toothache medicine. 170,195; July 10; Serial No. 173,394; published Apr. 3, 1923.
Barnard, William E., doing business as Web Sterilizer Co., New York, N. Y. Toothbrush sterilizers. 170,887; July 24; Serial No. 160,747; published Apr. 24, 1923.
Barnes, S. O., & Son, Gardena, Calif. Medicine for the control of worms in poultry. 164,577; Feb. 20.
Barnett-Green Company, Pittsburgh, Pa. Hosiery, sweaters, underwear, and neckties. 172,168; Aug. 21.
Barnett, I. H., & Brother, New York, N. Y. Men's dress, negligee, and work shirts. 174,380; Oct. 16; Serial No. 162,099; published Oct. 3, 1922.
Barnett, Walter W., Fort Wayne, Ind. Medicinal compound for the treatment of all diseases which are influenced by an increase of white corpuscles. 164,295; Feb. 20.
Barnett, William, Seattle, Wash. Chemical cooling compound. 164,139; Feb. 13.
Barnhart, Williamson L., New York and Babylon, N. Y. Printed articles and letters upon the subject of salesmanship. 174,017; Oct. 2; Serial No. 175,379; published June 12, 1923.
Barnsdall Refining Company, Tulsa, Okla. Paraffin. 164,657; Feb. 27.
Barr Manufacturing Corporation, Tyrone, Pa. Complexion clay. 176,298; Nov. 20; Serial No. 179,392; published July 31, 1923.
Barr Manufacturing Corporation, Tyrone, Pa. Perfumes, face powder, toilet water, cold cream, etc. 177,469; Dec. 18; Serial No. 176,107; published Sept. 25, 1923.
Barr, Morris A., Valley Forge, Pa. Semiprecious stones. 174,891; Oct. 23; Serial No. 179,844; published July 10, 1923.
Barrett & Barrett, St. Paul, Minn. Water softener. 163,020; Jan. 2.
Barrett Company, New York, N. Y. Mineral-surfaced roll roofing. 163,021; Jan. 2.
Barrett Company, The, New York, N. Y. Roofing and sheathing felt. 169,149; June 12; Serial No. 160,992; published Feb. 27, 1923.
Barrett Company, The, New York, N. Y. Ready-mixed paint and paint thinner. 169,829; July 3; Serial No. 173,269; published Apr. 3, 1923.
Barrett Company, The, New York, N. Y. Insulating paper. 170,200; July 10; Serial No. 173,345; published Apr. 3, 1923.
Barrett Company, The, New York, N. Y. Bituminous material for compounding rubber. 172,004; Aug. 21; Serial No. 173,692; published May 29, 1923.
Barrett Company, The, New York, N. Y. Bituminous material for compounding rubber. 172,213–14; Aug. 28; Serial Nos. 173,690–1; published May 29, 1923.
Barrett Company, The, New York, N. Y. Ready felt roofing. 174,747; Oct. 23; Serial No. 168,508; published July 17, 1923.
Barriemore Shop, The. (See Lederer & Latz.)

Barrington Packing Co., Barrington, Ill. Hams and bacon. 175,715; Nov. 6.

Barrington Packing Co., Barrington, Ill. Bacon. 177,102; Dec. 11; Serial No. 168,749; published Sept. 25, 1923.

Barrist & Co., Philadelphia, Pa. Women's, misses', and children's coats, skirts, and suits. 173,435; Sept. 25; Serial No. 174,764; published June 26, 1923.

Barron, Anderson Co., Boston, Mass. Men's suits and overcoats. 167,981; May 8.

Barron-Gray Packing Co., San Jose, Calif. Canned fruits and vegetables and dried fruits. 173,089; Sept. 18; Serial No. 177,819; published June 12, 1923.

Barron-Gray Packing Co., San Jose, Calif. Canned fruits and vegetable and dried fruits. 173,130; Sept. 18; Serial No. 177,820; published June 12, 1923.

Barron-Gray Packing Co., San Jose, Calif. Canned fruit and vegetables and dried fruit. 173,931; Oct. 2; Serial No. 177,818; published July 17, 1923.

Barrow, A. C., & Company, Lynchburg, Va. Overalls, work shirts, coats, vests, and pants. 171,752; Aug. 14; Serial No. 163,966; published May 22, 1923.

Barrow Mfg. Co., New York, N. Y. Flat underwear of knitted and textile fabrics for women and misses. 169,093; June 5.

Barry, T. D., Company, Brockton, Mass. Shoes made wholly or in part of leather. 166,056–7; Mar. 27; Serial Nos. 168,193–4; published Jan. 2, 1923.

Barry, T. D., Company, Brockton, Mass. Shoes made wholly or in part of leather. 170,410; July 17; Serial No. 173,460; published Apr. 3, 1923.

Barsa Corporation, The, New York, N. Y. Kimonos, breakfast gowns, etc. 174,274; Oct. 9; Serial No. 178,021; published July 10, 1923.

Bartels, Reinhard E., doing business as Props Manufacturing Co., Lynn, Mass. Combined arch-supporting and heel-locating shank pieces. 174,142; Oct. 2.

Bartholomew Battery & Supply Co., doing business as Bartholomew Battery Co., St. Louis, Mo. Secondary electrical batteries. 174,779; Oct. 23; Serial No. 157,020; published Apr. 3, 1923.

Bartlett Corporation, The, Philadelphia, Pa. Castor oil. 177,160; Dec. 11; Serial No. 181,811; published Sept. 25, 1923.

Bartlett Nu Products Corporation, Pasadena, Calif. Food beverage made of fruits, nuts, and grain. 168,364; May 22; Serial No. 164,987; published Feb. 27, 1923.

Barton, Charles, doing business as Specialists Supply Company, Honolulu, Hawaii. Eye liquid. 167,835; May 8; Serial No. 169,234; published Feb. 13, 1923.

Barton, H. H., and Son Co. Inc., Philadelphia, Pa. Aluminum-oxide paper, carbon paper, electric abrasive cloth, etc. 171,082; July 31; Serial No. 173,461; published Apr. 24, 1923.

Bartow Beverages, Inc., Nashville, Tenn. Ginger ale. 174,223; Oct. 9; Serial No. 180,832; published July 10, 1923.

Baruxes, Christ, doing business as Brux Candy Co., Newark, Ohio. Hard and soft candies, bonbons, chocolates, and marshmallows. 163,275; Jan. 9.

Barva, Bernard R., Fort Wayne, Ind. Rubber heels for shoes. 177,017; Dec. 11; Serial No. 164,578; published Sept. 18, 1923.

Basch, Herman, & Co., Inc., New York and Brooklyn, N. Y. Fur skins dressed and dyed. 167,946; May 8; Serial No. 169,752; published Feb. 6, 1923.

Basilea, C., & Co., New York, N. Y. Olive oil. 168,612; May 29; Serial No. 168,912; published Feb. 13, 1923.

Bass, G. H., & Company, Wilton, Me. Shoes and moccasins. 171,704; Aug. 7.

Bassett Jewelry Co., The, Providence, R. I. Pocketknives. 174,915; Oct. 23.

Bassett, Rudolph A., Long Beach, Calif. Cleaning fluid for cleaning fabrics. 167,526; May 1; Serial No. 165,850; published Jan. 30, 1923.

Bassick Company, The, Bridgeport, Conn. Pintles for casters. 169,359; June 12; Serial No. 172,505; published Mar. 27, 1923.

Bassick Company, The, Bridgeport, Conn. Door locks. 173,738; Oct. 2; Serial No. 178,324; published June 12, 1923.

Bassick Company, The, Bridgeport, Conn. Hood catches, hood-catch brackets, hood and door handles. 175,377; Nov. 6; Serial No. 169,966; published Feb. 13, 1923.

Bassick Manufacturing Co., The, Chicago, Ill. Lubricants, including oils and greases. 164,590; Feb. 20.

Bastanchury Ranch Company, Fullerton, Calif. Fresh citrus fruit. 164,990; Feb. 27.

Bastian-Morley Co., Laporte, Ind. Gas water heaters. 169,235; June 12; Serial No. 173,951; published Mar. 13, 1923.

Bastian-Morley Co., Laporte, Ind. Gas water heaters. 171,605; Aug. 7; Serial No. 173,950; published May 8, 1923.

Bate, Warwick G., Newton Falls, Ohio. Prayer and motto cards. 175,781; Nov. 13; Serial No. 178,544; published Aug. 21, 1923.

Bates, C. J., & Son, Chester, Conn. Manicure buffers. 169,639; June 26; Serial No. 175,295; published Mar. 27, 1923.

Bates Valve Bag Company, Chicago, Ill. Bag filling and packaging machinery. 171,809; Aug. 14; Serial No. 177,539; published May 15, 1923.

Batesville Lumber & Veneer Co., Lawrenceburg, Ind. Veneer panels for use in manufacture of furniture, plywood and lumber. 163,022; Jan. 2.

Battenfeld Grease & Oil Company, The, Kansas City, Mo. Lubricating grease. 175,262; Oct. 30.

Battle Creek Food Company, The, Battle Creek, Mich. Prepared nut food. 170,860; July 24; Serial No. 168,509; published Mar. 27, 1923.

Battle Creek Food Company, The, Battle Creek, Mich. Corn sugar. 171,529; Aug. 7; Serial No. 175,702; published May 15, 1923.

Battle Creek Food Company, Battle Creek, Mich. Cereal breakfast food. 172,764; Sept. 11; Serial No. 174,722; published June 5, 1923.

Battle Creek Food Company, Battle Creek, Mich. Breakfast cereals. 173,172; Sept. 18; Serial No. 172,575; published May 8, 1923.

Battle Creek Food Company, The, Battle Creek, Mich. Laxative. 172,885; Sept. 11; Serial No. 175,839; published May 15, 1923.

Battle Creek Food Company, The, Battle Creek, Mich. Nut cereal food. 173,488; Sept. 25; Serial No. 175,838; published June 19, 1923.

Battle Creek Food Company, The Battle Creek, Mich. Cereal breakfast food. 173,500; Sept. 25; Serial No. 175,701; published June 19, 1923.

Battle Creek Food Company, The, Battle Creek, Mich. Vegetable flavors for food-flavoring purposes. 173,501; Sept. 25; Serial No. 175,704; published June 19, 1923.

Battle Creek Food Company, The, Battle Creek, Mich. Cereal food beverage. 175,212; Oct. 30.

Battle Creek Food Company, The, Battle Creek, Mich. Nut butter. 175,371; Nov. 6; Serial No. 175,057; published Aug. 14, 1923.

Battle Creek Food Company, The, Battle Creek, Mich. Breakfast cereals. 175,685; Nov. 6.

Battle Creek Food Company, The, Battle Creek, Mich. Antitoxic foods, paraffin tablets and oil, etc. 176,228; Nov. 20; Serial No. 175,060; published Aug. 14, 1923.

Battle Creek Food Company, The, Battle Creek, Mich. Vegetable food consisting of wheat protein combined with nuts. 176,453; Nov. 27; Serial No. 176,816; published Sept. 4, 1923.

Battle Creek Food Company, The, Battle Creek, Mich. Cereal breakfast food. 176,461; Nov. 27; Serial No. 176,247; published Aug. 21, 1923.

Battle Creek Food Company, The, Battle Creek, Mich. Cereal biscuit. 176,751; Nov. 27; Serial No. 175,700; published Aug. 7, 1923.

Bauer & Black, Chicago, Ill. Gauze and absorbent cotton. 176,550; Nov. 27; Serial No. 183,355; published Sept. 18, 1923.

Bauer, Frederick J., doing business as Seaford Metal Products Company, Seaford, Del. Ash sifters. 164,143; Feb. 13.

Bauermeister, Chas. W., Co. Inc. Olives, allspice, savory, mustard, pepper, sage, thyme, etc. 171,313; Aug. 7; Serial No. 166,932; published May 15, 1923.

Baugh, Sarah E. St. Louis, Mo. Hair grower, glossitine, and tonic, face creams, cough sirup, etc. 164,350; Feb. 20.

Baum, Max, New York, N. Y. Hosiery. 166,644; Apr. 10. Serial No. 165,615; published Jan. 2, 1923.

Bauman, Hyman, & Co., New York, N. Y. Cotton piece goods. 168,460; May 22; Serial No. 173,275; published Feb. 20, 1923.

Bauman, Hyman, & Co., New York, N. Y. Silk, cotton, and wool piece goods and mixtures of same. 171,976; Aug. 21; Serial No. 178,657; published May 22, 1923.

Baumann, Carl A., doing business as Lake Mills Milk Company, Jefferson, Wis. Canned evaporated milk. 171,206; July 31; Serial No. 155,662; published May 8, 1923.

Baumann, Carl A., doing business as Lake Mills Milk Company, Jefferson, Wis. Canned evaporated milk. 171,377; Aug. 7; Serial No. 155,663; published May 8, 1923.

Baumann, Carl A., doing business as Lake Mills Milk Company, Jefferson, Wis. Canned evaporated milk. 172,780; Sept. 11; Serial No. 155,661; published June 5, 1923.

Baumert, F. X., & Co. Inc., New York, N. Y. Cheese. 165,272; Mar. 6; Serial No. 158,844; published Oct. 24, 1922.

Baumert, F. X., & Co. Inc., New York, N. Y. Cheese. 167,397–8; May 1; Serial Nos. 166,928–9; published Jan. 9, 1923.

Baumert, F. X., & Co., Inc., New York, N. Y. Cheese. 170,827; July 24; Serial No. 169,746; published Feb. 27, 1923.

Baumler, Charles, Paterson, N. J. Hair tonic. 164,150; Feb. 13.

Baur, Anton J., doing business as Baur Chemical Company, Pittsburgh, Pa. Salve. 174,544; Oct. 16.

Baur, O. P., Conf. Co., The, Denver, Colo. Candy. 173,073; Sept. 11.

Bausman Manufacturing Company, Bausman, Pa. Benches and settees. 177,290; Dec. 11.

Baxter, William E., Louisville, Ky. Sheet music. 163,795; Jan. 30.

Bay, H. C., Company, Chicago, Ill. Pianos. 169,188; June 12; Serial No. 173,069; published Mar. 6, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Bay Side Canning Company, Alviso, Calif. Canned fruits, vegetables, and fish. 169,386; June 12; Serial No. 168,751; published Mar. 27, 1923.

Bay Side Canning Company, Alviso, Calif. Tomato hot sauce, canned vegetables, fruits, and fish. 173,625; Oct. 2; Serial No. 165,339; published July 3, 1923.

Bay State Cigar Co., Inc., Westfield, Mass. Cigars. 171,624; Aug. 7; Serial No. 177,162; published May 22, 1923.

Bay State Cloth Steaming Company, Inc., Boston, Mass. Cloth and rain coats. 171,913; Aug. 14.

Bay State Corset Company, Springfield, Mass. Corsets. 163,552; Jan. 23.

Bay State Milling Co., Winona, Minn. Wheat flour. 176,489; Nov. 27; Serial No. 175,061; published Aug. 21, 1923.

Bay State Stamping Company, Worcester, Mass. Machine and bearing lubricators, oil hole covers, oil cups, etc. 169,730; June 26.

Bayard Chemical Company, New York, N. Y. Hair pomade. 176,301; Nov. 20; Serial No. 179,393; published July 31, 1923.

Beach, Albert H., doing business as Pyramid Products Co., Los Angeles, Calif. Soap. 172,027; Aug. 21; Serial No. 169,116; published May 22, 1923.

Beacon Motor Lamp Manufacturing Company, Cleveland, Ohio. Electrically-operated signal lamps. 166,319; Mar. 27.

Beacon Rectifier Company, Hyde Park, Mass. Current rectifiers and transformers and electric batteries and parts thereof. 165,137; Mar. 6; Serial No. 151,143; published Nov. 7, 1922.

Beacon Trading Company, Seattle, Wash. Fresh apples. 164,721; Feb. 27.

Bead Chain Manufacturing Company, The, Bridgeport, Conn. Bottle caps. 167,860; May 8; Serial No. 153,497; published Dec. 19, 1922.

Beal, Frank P., New York, N. Y. Boxed set of equipment for a game similar to tennis. 177,807; Dec. 25.

Beanpot, The, Boston, Mass. Periodically-issued magazine. 176,504; Nov. 27; Serial No. 163,571; published Sept. 11, 1923.

Bear Brand Hosiery Co. (See Paramount Knitting Company, The, assignor.)

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 173,040; Sept. 11; Serial No. 176,595; published June 26, 1923.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 173,504; Sept. 25; Serial No. 175,761; published June 12, 1923.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 174,833; Oct. 23; Serial No. 176,319; published Aug. 7, 1923.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 177,376; Dec. 18; Serial No. 181,165; published Oct. 9, 1923.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 177,566–7; Dec. 18; Serial Nos. 176,593–4; published Oct. 9, 1923.

Bear, David, Pittsburgh, Pa. Garters and hosiery supports. 163,996; Feb. 6.

Bear, E. A., & Company, Chicago, Ill. Compounds for making sherbets. 164,166; Feb. 13.

Bear, John D., Company. (See O'Rear, Robert E.)

Bear Mill Manufacturing Company, Inc., New York, N. Y. Cotton broadcloth. 175,053; Oct. 30; Serial No. 179,351; published Aug. 7, 1923.

Beardsley, Calvin L., doing business as Beardsley Specialty Co., Rock Island, Ill. Beverage sold as a soft drink and sirups used in the preparation of same. 168,941; May 29; Serial No. 172,858; published Mar. 13, 1923.

Beardsley Candy Company, Harvard, Ill. Candy and chocolate-iced confections. 165,974; Mar. 27; Serial No. 160,580; published Nov. 28, 1922.

Beardsley, Robert, doing business as Beardsley Studios, Chicago, Ill. Lamp shades of fibrous material. 174,396; Oct. 16; Serial No. 174,997; published July 17, 1923.

Beardsley Specialty Co. (See Beardsley, Calvin L.)

Bearman, William H., Baltimore, Md. Hosiery. 176,658; Nov. 27; Serial No. 181,973; published Sept. 18, 1923.

Beaton & Cadwell Manufacturing Company, The, New Britain, Conn. Floor and ceiling plates. 163,672; Jan. 23.

Beaton & Cadwell Manufacturing Company, The, New Britain, Conn. Saw-handle trimmings. 167,261; Apr. 24; Serial No. 167,261; published Feb. 6, 1923.

Beaton & Cadwell Manufacturing Company, The, New Britain, Conn. Mops and mopsticks. 170,052; July 10; Serial No. 175,760; published Apr. 17, 1923.

Beaton & Cadwell Manufacturing Company, The, New Britain, Conn. Floor and ceiling plates. 175,714; Nov. 6.

Beatrice Creamery Company, Chicago, Ill., and Topeka, Kans. Butter. 170,956; July 24.

Beatrice Creamery Company, Chicago, Ill. Cheese. 171,338; Aug. 7; Serial No. 172,793; published Apr. 10, 1923.

Beatrice Creamery Company, Chicago, Ill., and Topeka, Kans. Milk and cream. 173,261; Sept. 18; Serial No. 175,459; published June 19, 1923.

Beatty, Peter A., New Orleans, La. Illuminating oil for night tapers. 163,706; Jan. 23.

Beaumont Mfg. Company, Philadelphia, Pa. Gates for granular materials. 176,656; Nov. 27; Serial No. 181,930; published Sept. 11, 1923.

Beautex Laboratories Company, The, Cleveland, Ohio. Vanishing, cleansing, and tissue creams, cream powder, rouge, etc. 173,049; Sept. 11; Serial No. 176,817; published June 12, 1923.

Beauty Brassiere Company, The, Newark, N. J. Brassières, bandeaux, and corsets. 164,222; Feb. 13.

Beaver, L. S., Vinita, Okla. Hair tonic. 177,457; Dec. 18; Serial No. 178,374; published Sept. 25, 1923.

Beaver Paper Company, Chicago, Ill. Toilet paper. 168,815; May 29; Serial No. 170,050; published Nov. 14, 1922.

Bech, Van Siclen & Co., Inc., New York, N. Y. Solidified coal-tar disinfectants. 175,198; Oct. 30; Serial No. 174,815; published Aug. 7, 1923.

Bechdolt, Jack and M., doing business as Mabel Claire Studio, New York, N. Y. Candles. 176,585; Nov. 27; Serial No. 177,427; published Sept. 18, 1923.

Bechdolt, Mabel. (See Bechdolt, Jack and M.)

Becher, Jacob, Brooklyn, N. Y. Fur skins. 168,626; May 29; Serial No. 167,762; published Feb. 13, 1923.

Beck & Belaief, New York, N. Y. Caps for men and boys. 169,394; June 12; Serial No. 165,910; published Mar. 6, 1923.

Beck Duplicator Company, The, New York, N. Y. Duplicating rolls. 176,702; Nov. 27; Serial No. 177,065; published Sept. 11, 1923.

Beck, Harry, doing business as Beck's Forced Air Sweet Potato Curing System, Dallas, Tex. Dry-cured sweet potatoes. 169,128; June 5.

Beck & Truelove, Jackson, Miss., assignor to Hi-Power Company of New Jersey, Hoboken, N. J. Recharging fluid for storage batteries. 174,307; Oct. 9.

Beck, William and Charles, Inc., Lawrence, Mass. Fabric hose. 167,444; May 1; Serial No. 160,740; published Jan. 23, 1923.

Beck, Wm. & Chas., Inc. Lawrence, Mass. Cotton fire hose. 170,311; July 10; Serial No. 175,124; published Apr. 3, 1923.

Beck, Wm. & Chas., Inc., Lawrence, Mass. Linen fire hose. 174,810; Oct. 23; Serial No. 177,950; published June 5, 1923.

Beck, Wm. & Chas., Inc., Lawrence, Mass. Linen fire hose. 175,851; Nov. 13; Serial No. 176,874; published Aug. 7, 1923.

Becker, August J., doing business as Becker's Bakery, Red Wing, Minn. Bread and doughnuts. 170,837; July 24; Serial No. 161,022; published Mar. 27, 1923.

Becker, Christian, Inc., New York, N. Y. Balances and weighing scales. 171,827; Aug. 14; Serial No. 175,597; published May 1, 1923.

Becker, Dr., Medicine Co., New York, N. Y Insecticide ointment and shampoo. 172,665; Sept. 11; Serial No. 174,382; published May 8, 1923.

Becker Paper Corporation, New York, N. Y. Writing and bond paper. 170,997; July 31; Serial No. 178,209; published May 15, 1923.

Becker Paper Corporation, New York, N. Y. Writing and bond paper. 174,276; Oct. 9; Serial No. 178,208; published July 17, 1923.

Becker, Smith & Page, Inc., Philadelphia, Pa. Wall paper. 169,333; June 12; Serial No. 173,619; published Mar. 27, 1923.

Becker's Bakery. (See Becker, August J.)

Beckley-Ralston Co., Chicago, Ill. Radioadapters for connecting radio receiving sets to amplifying chambers of phonographs. 177,710; Dec. 25; Serial No. 163,608; published Oct. 9, 1923.

Becklin Wrench Company, Inc., Seattle, Wash. Wrenches. 175,256; Oct. 30.

Beckwith Co., The, Readley, Calif. Preserved figs. 166,420; Apr. 3; Serial No. 164,861; published Jan. 9, 1923.

Bedford Mills, Inc., New York, N. Y. Shadow-stripe cotton sateen in the piece. 168,852; May 29; Serial No. 174,059; published Mar. 6, 1923.

Bedsole-Colvin Drug Co. Inc., Mobile, Ala. Writing tablets. 175,301; Nov. 6; Serial No. 181,510; published Aug. 14, 1923.

Beebe Laboratories, Incorporated, doing business as Ward and Pierre, St. Paul, Minn. Face creams. 173,202; Sept. 18; Serial No. 172,724; published June 19, 1923.

Beech-Nut Packing Company, Canajoharie, N. Y. Bread. 163,276; Jan. 9.

Beech-Nut Packing Company, Canajoharie, N. Y. Bacon. 170,929; July 24; Serial No. 162,798; published Apr. 24, 1923.

Beech-Nut Packing Company, Canajoharie, N. Y. Cocoa, sugar, cereal breakfast food, wheat flour, etc. 177,140; Dec. 11; Serial No. 151,531; published Dec. 27, 1921.

Beech-Nut Products Company. (See Mead, Allen G.)

Beegle Packing Co., Ketchikan, Alaska. Canned salmon. 164,090; Feb. 13.

Beegle Packing Co., Ketchikan, Alaska. Canned salmon. 175,529; Nov. 6; Serial No. 181,106; published Aug. 21, 1923.

Beerli, Joseph F., Cleveland, Ohio. Physiological nutritive salts. 175,493; Nov. 6; Serial No. 177,894; published July 17, 1923.

Beerman & Frank, Inc., doing business as The Novia Blouse Co., New York, N. Y. Ladies' handmade blouses and waists. 163,023; Jan. 2.

Beggs, Stephen J., doing business as Lady Grey Company, Chicago, Ill. Face and talcum powders, cold and vanishing creams, shampoo, toilet water, etc. 165,566; Mar. 13; Serial No. 160,857; published Dec. 19, 1922.

Begley Mechanical Corporation, New York, N. Y. Automobile stop and direction indicators. 174,787; Oct. 23; Serial No. 144,309; published July 24, 1923.

Behr, Herman, & Company, Incorporated, Brooklyn, N. Y. Abrasive papers and cloths. 168,942; May 29; Serial No. 172,824; published Feb. 27, 1923.

Behrendt, Jacob W., San Francisco, Calif. Solution for the treatment of inflamed, tender, or bleeding gums, pyorrhea, etc. 170,188; July 10; Serial No. 173,554; published Apr. 3, 1923.

Behrer, Martin, doing business as Behrer & Company, New York, N. Y. Shower and shampoo fixtures, curtain rods, bathroom stalls, etc. 175,809; Nov. 13; Serial No. 144,958; published Aug. 28, 1923.

Bela Company, The. (See Yorita, George.)

Beir, Arthur, & Co. Inc., New York, N. Y. Silk, cotton, and wool piece goods and combinations thereof. 175,524; Nov. 6; Serial No. 174,953; published Aug. 28, 1923.

Belaifsky Brothers, Chicago, Ill. Ladies' hats. 164,871; Feb. 27.

Belcraft Shirt Company, New York, N. Y. Men's dress shirts. 166,696; Apr. 10; Serial No. 166,872; published Jan. 2, 1923.

Beldam Asbestos Company Limited, London, England. Asbestos engine packings. 163,277; Jan. 9.

Bel-Jar Coffee Co., Inc., Miami, Fla. Coffee. 168,586; May 29; Serial No. 163,915; published Feb. 27, 1923.

Bell, Claude A., Tyngsboro, Mass. Artificial-vanilla flavoring compound for candies, cakes, pies, puddings, and ice cream. 172,858; Sept. 11; Serial No. 169,148; published June 5, 1923.

Bell Company, The, Worcester, Mass. Woolen, worsted piece goods. 177,324; Dec. 18; Serial No. 179,769; published Sept. 18, 1923.

Bell, Frank W., doing business as The Bell Emulsion Company, Staunton, Va. Petroleum emulsion. 176,186; Nov. 20; Serial No. 175,334; published Aug. 14, 1923.

Bell, James W., & Co., Chicago, Ill. Monthly magazine. 174,012; Oct. 2; Serial No. 175,594; published June 12, 1923.

Bell Syndicate, Inc., The, New York, N. Y. Series of cartoons. 169,069; June 5; Serial No. 172,577; published Feb. 27, 1923.

Bell Syndicate, Inc., The, New York, N. Y. Series of cartoons. 172,058; Aug. 21; Serial No. 178,086; published May 22, 1923.

Bell Syndicate, Inc., The, New York, N. Y. Series of cartoons. 177,343; Dec. 18; Serial No. 181,166; published Sept. 25, 1923.

Bell Tire Company Incorporated, New York, N. Y. Pneumatic tires and inner tubes. 167,513; May 1; Serial No. 164,784; published Jan. 2, 1923.

Belle Mead Sweetsmakers, The, Trenton, N. J. Candy. 177,096; Dec. 11; Serial No. 171,148; published Mar. 27, 1923.

Bellevue Kraut & Pickling Co., The, Bellevue, Ohio. Canned sauerkraut. 175,829; Nov. 13; Serial No. 182,125; published Sept. 4, 1923.

Bellingham Publishing Company, Bellingham, Wash. Morning newspaper. 176,386; Nov. 27; Serial No. 175,128; published Apr. 17, 1923.

Bellingham Publishing Company, Bellingham, Wash. Afternoon newspaper. 176,390; Nov. 27; Serial No. 175,127; published Apr. 17, 1923.

Bellis Heat Treating Company, The, New Haven, Conn. Salts in solid form for metal heat-treating baths. 168,842; May 29; Serial No. 170,749; published Feb. 13, 1923.

Bel-Mont Laboratories. (See Gross, William H.)

Belmonte, Wilhelm C., Brooklyn, N. Y. Menthol cones, styptic pencils, and lip sticks. 164,443; Feb. 20.

Belmore, Ethel E., Bridgeport, Conn. Baking powder. 165,790; Mar. 20; Serial No. 163,856; published Oct. 3, 1922.

Belo, A. H., & Company, Incorporated, Galveston and Dallas, Tex. Daily newspaper. 175,932–4; Nov. 13; Serial Nos. 174,880–2; published Aug. 21, 1923.

Belo, A. H., & Company, Incorporated, Galveston and Dallas, Tex. Semiweekly agricultural newspaper. 175,951; Nov. 13; Serial No. 174,883; published Aug. 21, 1923.

Bement-Rea Co. Inc., Terre Haute, Ind. Baking powder. 168,378; May 22; Serial No. 169,393; published Feb. 20, 1923.

Bemis Bro. Bag Co., St. Louis, Mo. Burlap bags. 169,435; June 19; Serial No. 173,555; published Mar. 20, 1923.

Bemis Bro. Bag Company, St. Louis, Mo. Cotton, burlap, and paper bags. 173,156; Sept. 18; Serial No. 145,544; published June 19, 1923.

Bemis, Charles B., Athol, Mass. Frozen confection. 175,736; Nov. 13; Serial No. 178,891; published Aug. 28, 1923.

Bender, Charles F., St. Louis, Mo. Washing tablets. 165,385; Mar. 6; Serial No. 159,556; published Dec. 5, 1922.

Bender-Flynn Company, The, Hartford, Conn. House dresses and aprons. 164,218; Feb. 13.

Benedict, Charles L., doing business as The "5 in 1" Letter-Envelope Co., Toronto, Ontario, Canada. Letter sheets and mailing or correspondence envelopes and the like. 168,211; May 15; Serial No. 151,935; published Feb. 13, 1923.

Benedict, Wilbert M., New York, N. Y. Talcum, shampoo jelly, medicinal plasters, and salve. 169,643; June 26; Serial No. 170,556; published Mar. 20, 1923.

Be-Neet Manufacturing Co., Inc., New York, N. Y. Hair nets. 174,087; Oct. 2; Serial No. 180,356; published July 10, 1923.

Benetol Company, The. (See Carel, Hubert C.)

Bengue, Dr. (See Seltzer, Theodore.)

Benjamin & Johnes, Newark, N. J. Brassières. 170,826; July 24; Serial No. 170,861; published Apr. 24, 1923.

Benjamin Moseley Co., The, Needham, Mass. Sweaters. 166,618; Apr. 10; Serial No. 169,220; published Jan. 9, 1923.

Benner Chemical Company, Chicago, Ill. Modified and neutral sodas for cleaning and water-softening purposes. 173,536; Sept. 25.

Bennett Day Importing Company, Inc., New York, N. Y. Figs, dried fruits, and nuts. 165,764; Mar. 20; Serial No. 161,029; published Jan. 2, 1923.

Bennett, Geo. A., doing business as The "Klipto" Loose Leaf Manufacturing Co., San Francisco, Calif. Renewable-leaf books and binders. 165,826; Mar. 20; Serial No. 171,892; published Jan. 2, 1923.

Bennett, Nellie L., doing business as Mayfair, Hollywood, Calif. Jams and fruit preserves. 166,897; Apr. 17; Serial No. 165,478; published Feb. 6, 1923.

Bennett, Virginia D., New York, N. Y. Face powders, face creams, perfumes, toilet waters, etc. 172,637; Sept. 11; Serial No. 163,961; published May 22, 1923.

Bennett, Wolk and Company, Pittsburgh, Pa. Men's trousers. 165,336; Mar. 6; Serial No. 162,330; published Nov. 14, 1922.

Bensel, Duryea, New York, N. Y. Radio horns. 165,202; Mar. 6; Serial No. 167,158; published Nov. 14, 1922.

Benson, Benj. D., & Sons, Inc., New York, N. Y. Labeling clips for use with loose-leaf binders. 173,152; Sept. 18; Serial No. 152,536; published June 19, 1923.

Benson, Edwin F., St. Paul, Minn. Holstein cattle, cows, and bulls. 177,787; Dec. 25.

Benson, Thomas L., doing business as Shreveport Chemical Company, Shreveport, La. Material used to hasten the setting and lower the freezing point of cement. 169,922; July 3.

Bentley, Henry G., doing business as H. G. Bentley, Dallas, Tex. Arch supporters for the human foot. 171,524; Aug. 7; Serial No. 176,108; published May 8, 1923.

Bentley & Twohey Silk Co., Newton, N. J., and New York, N. Y. Silk piece goods and artificial silk, cotton, wool, and worsted piece goods and combinations thereof. 173,324; Sept. 25; Serial No. 172,197; published June 26, 1923.

Benton Holladay & Co., New York, N. Y. Oil leather dye. 170,061; July 10; Serial No. 172,195; published Apr. 3, 1923.

Benz Toilet Products, Inc., Syracuse, N. Y. Bleach, beauty, cold, and cleansing creams, face powders, compact face powders, etc. 165,009; Feb. 27.

Benzo-Gas Motor Fuel Company, Kansas City, Mo. Liquid motor fuel. 164,666; Feb. 27.

Benzo-Gas Motor Fuel Company, Kansas City, Mo. Liquid motor fuel. 173,462; Sept. 25; Serial No. 179,086; published June 19, 1923.

Beougher, Lawrence E., McFarland, Calif. Polishes for automobiles and furniture. 171,166; July 31; Serial No. 176,781; published Apr. 24, 1923.

Berco Medicine Co. (See Gilbert, Henry S.)

Berdan Company, The, Toledo, Ohio. Coffee and tea. 174,372; Oct. 16; Serial No. 167,864; published Mar. 6, 1923.

Berdon, Albert E., doing business as Aero-Kord Co., Detroit, Mich. Combined cords and plugs used to connect translating devices with lamp sockets. 166,417; Apr. 3; Serial No. 165,658; published Jan. 9, 1923.

Berea Milling Co., The, Berea, Ohio. Milling products. 177,504; Dec. 18; Serial No. 145,933; published Apr. 3, 1923.

Bereman, James H., doing business as Stillman Freckle Cream Co., Aurora, Ill. Creams suitable for the treatment of freckles. 172,550; Sept. 4; Serial No. 173,318; published May 29, 1923.

Berendsen Silk Knitting Co., Bangor, Pa. Full-fashioned and novelty hosiery. 175,105; Oct. 30; Serial No. 179,648; published Aug. 14, 1923.

Berendsen Silk Knitting Co., Bangor, Pa. Hosiery. 175,795–6; Nov. 13; Serial Nos. 179,646–7; published Aug. 28, 1923.

Berg, Charles F., Portland, Oreg. Hosiery. 164,608; Feb. 20.

Berg, Charles F., Portland, Oreg. Hosiery. 177,348; Dec. 18; Serial No. 180,833; published Oct. 2, 1923.

Berg, Frank L., Alton, Ill. Candy. 170,549; July 17; Serial No. 173,289; published Apr. 24, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Berg, Mannie, Baltimore, Md. Men's furnishings. 169,379; June 12; Serial No. 171,118; published Mar. 6, 1923.

Berger Brothers Company, The, New Haven, Conn. Corsets. 168,308; May 15.

Berger, Harry, Shirt Company. (See Berger, Harry.)

Berger, Harry, doing business as Harry Berger Shirt Company, New York, N. Y. Men's and boys' shirts. 166,862; Apr. 17; Serial No. 163,566; published Jan. 9, 1923.

Berger, Harry, doing business as Harry Berger Shirt Company, New York, N. Y. Men's and boys' shirts. 174,844; Oct. 23; Serial No. 177,763; published July 31, 1923.

Berger, Harry, doing business as Harry Berger Shirt Company, New York, N. Y. Men's and boys' collars, pyjamas, and shirts. 175,146; Oct. 30; Serial No. 180,741; published Aug. 7, 1923.

Berger, Harry, doing business as Harry Berger Shirt Company, New York, N. Y. Men's and boys' collars, pyjamas, and shirts. 175,148–9; Oct. 30; Serial Nos. 180,742–3; published Aug. 7, 1923.

Berger, Harry, doing business as Harry Berger Shirt Company, New York, N. Y. Men's and boys' collars, pyjamas, and shirts. 176,481; Nov. 27; Serial No. 180,739; published Sept. 11, 1923.

Berger Hosiery Company, Philadelphia, Pa. Hosiery. 172,931; Sept. 11; Serial No. 167,040; published June 5, 1923.

Berger, Louis, doing business as Manhattan Manufacturing Co., New York, N. Y. Office coats. 173,555; Sept. 25.

Berger, Louis, doing business as Manhattan Manufacturing Co., New York, N. Y. Office coats, suits, duck trousers, vests, etc. 174,131; Oct. 2.

Bergman, Adolph, doing business as Bergman Knitting Mills, Philadelphia, Pa. Knitted jackets, coats, sweaters, leggins, and golf stockings. 163,553; Jan. 23.

Bergman, Adolph, doing business as Osceola Knitting Mills, Philadelphia, Pa. Knitted jackets, coats, sweaters, and golf stockings. 175,927; Nov. 13; Serial No. 179,923; published Aug. 28, 1923.

Bergman Knitting Mills. (See Bergman, Adolph.)

Berguson-Skinner Corporation, Chicago, Ill. Pistons. 173,420; Sept. 25; Serial No. 156,248; published June 26, 1923.

Berkeley Light Corporation, San Francisco, Calif. Electric headlights and flood lights. 171,040; July 31; Serial No. 137,513; published Apr. 24, 1923.

Berkley, Frederick M., New York, N. Y. Printed matter. 168,918; May 29; Serial No. 151,198; published Feb. 27, 1923.

Berkley, Frederick M., New York, N. Y. Printed advertising matter. 168,919; May 29; Serial No. 151,197; published Feb. 27, 1923.

Berkowitz Envelope Co., Kansas City, Mo. Receptacle envelopes. 164,381; Feb. 20.

Berkowitz, Julius, New Bedford, Mass. Shoes. 169,368; June 12; Serial No. 169,149; published Dec. 19, 1922.

Berlin & Jones Company, Inc., New York, N. Y. Writing paper and envelopes. 171,167; July 31; Serial No. 176,783; published May 8, 1923.

Berliner, Edwin E., & Co., New York, N. Y. Cotton piece goods. 168,230; May 15; Serial No. 171,445; published Feb. 13, 1923.

Berliner, Edwin E., & Co., New York, N. Y. Cotton piece goods. 175,341; Nov. 6; Serial No. 171,446; published Aug. 14, 1923.

Berman, Charles M., New York, N. Y. Powder puffs. 173,220; Sept. 18; Serial No. 174,230; published June 19, 1923.

Berman, Gustave S., New York, N. Y. Umbrellas and parasols. 177,349; Dec. 18; Serial No. 180,834; published Oct. 2, 1923.

Bermejo, Juan, New York, N. Y. Plain and fancy cakes. 177,209; Dec. 11; Serial No. 177,582; published Sept. 18, 1923.

Bern, Philip S., doing business as Philsbern Products Co., New York, N. Y. Furniture and automobile polishes with incidental properties as metal polishes. 171,092; July 31; Serial No. 174,505; published May 15, 1923.

Bernard, Albert, New York, N. Y. Candies. 173,475–6; Sept. 25; Serial Nos. 176,155–6; published June 19, 1923.

Bernd, G., Company, Macon, Ga. Horse collars. 174,217; Oct. 9; Serial No. 181,053; published July 10, 1923.

Bernet, Craft and Kauffman Milling Company, St. Louis, Mo. Wheat flour. 167,144; Apr. 24; Serial No. 156,516; published Feb. 6, 1923.

Bernet, Craft & Kauffman Milling Co., St. Louis, Mo. Wheat flour. 167,479; May 1; Serial No. 163,032; published Dec. 19, 1922.

Bernhard, Elmer F., South Bend, Ind. Cleaning and water-softening preparation. 173,543; Sept. 25.

Bernhard Ulmann Co. Inc., New York, N. Y. Certain clothing. 163,903; Feb. 6.

Bernhard Ulmann Co. Inc., New York, N. Y. Yarns for knitting, crocheting, and art needlework. 170,170; July 10; Serial No. 176,382; published Apr. 10, 1923.

Bernhard Ulmann Co. Inc., New York, N. Y. Yarns for knitting, crocheting, and art needlework. 170,171; July 10; Serial No. 176,379; published Apr. 10, 1923.

Bernhard Ulmann Co. Inc., New York, N. Y. Yarns for knitting, crocheting, and art needlework. 170,172; July 10; Serial No. 176,375; published Apr. 10, 1923.

Bernhard Ulmann Co. Inc., New York, N. Y. Yarns for knitting, crocheting, etc. 171,642; Aug. 7.

Bernhard Ulmann Co., Inc., New York, N. Y. Crocheted and knitted slippers and shoes, bootees, dresses, suits, etc. 173,564; Sept. 25.

Bernhard Ulmann Co. Inc. New York, N. Y. Yarns for knitting, etc. 174,023; Oct. 2; Serial No. 176,376; published June 12, 1923.

Bernhard Ulmann Co. Inc., New York, N. Y. Yarns for knitting, crocheting, and art needlework. 174,089; Oct. 2; Serial No. 180,199; published July 10, 1923.

Bernhardt, Max E., New York, N. Y. Smokers' articles. 169,199; June 12; Serial No. 169,394; published Mar. 13, 1923.

Bernstein, Louis, doing business as Bernstein Shoe Co., New York, N. Y. Women's shoes. 166,829; Apr. 17; Serial No. 170,862; published Jan. 23, 1923.

Bernstein, Louis, doing business as Princess Dress House, New York, N. Y. Ladies' dresses of silk, cotton, etc. 171,267; July 31; Serial No. 169,235; published May 8, 1923.

Bernstein, Samuel, & Sons, New York, N. Y. Children's suits and blouses. 166,640; Apr.10; Serial No. 166,164; published Dec. 12, 1922.

Bernstein Shoe Co. (See Bernstein, Louise.)

Berry Brothers, Detroit, Mich. Varnishes. 170,770; July 24; Serial No. 177,647; published Apr. 24, 1923.

Berry, Demoville & Co., Nashville, Tenn. Castor oil. 176,227; Nov. 20; Serial No. 176,157; published Aug. 7, 1923.

Berst-Forster-Dixfield Company, Dixfield, Me., and New York, N. Y. Toothpicks. 163,278; Jan. 9.

Berst-Forster-Dixfield Company, Dixfield, Me., and New York, N. Y. Toothpicks. 163,673; Jan. 23.

Berst-Forster-Dixfield Company, Dixfield, Me., and New York, N. Y. Tooth picks. 164,446; Feb. 20.

Bersted Manufacturing Company, Chicago, Ill. Locking door handles. 169,904; July 3; Serial No. 171,060; published Apr. 3, 1923.

Bertels, W. B., & Son Co., Wilkes-Barre, Pa. Dinner pails, metal cans, boxes, and buckets, etc. 164,567; Feb. 20.

Berthorn Chemical Co., New York, N. Y. Chemical preparation recommended for relief of acids and gases in stomach and intestines. 174,021; Oct. 2; Serial No. 176,320; published June 19, 1923.

Bertini Bros., Chicago, Ill. Olive oil. 166,454; Apr. 3; Serial No. 166,034; published Jan. 16, 1923.

Bertolaia & Goedert, New York, N. Y. Coal-tar disinfectant. 167,922; May 8; Serial No. 169,472; published Jan. 9, 1923.

Bertrand, E. A., Taft, Calif. Title of a monthly publication in magazine form. 168,973; May 29; Serial No. 159,684; published Feb. 27, 1923.

Besaw, Willie O., Reedley, Calif. Fuse plugs. 169,985; July 10; Serial No. 167,929; published Apr. 3, 1923.

Beshere, Joseph J., doing business as Vita-Grain Mfg. Co., Charleston, S. C. Cereal breakfast food. 166,917; Apr. 17; Serial No. 164,856; published Jan. 30, 1923.

Bessell Louis, New York, N. Y. Earrings, finger rings, pendants, scarf pins, etc. 174,852; Oct. 23; Serial No. 177,266; published July 24, 1923.

Besson & Co. Ltd., London, England. Wind musical instruments. 175,902; Nov. 13; Serial No. 177,066; published Aug. 21, 1923.

Best & Co. Inc., New York, N. Y. Women's and misses' furnishings and clothing. 172,970; Sept. 11; Serial No. 174,884; published June 5, 1923.

Best Duck Decoy Co., Inc., The, New York, N. Y. Duck decoys. 171,931; Aug. 14.

Bes-Test Malt Products Company. (See Murphy, Mark J.)

Best Foods, Inc., The, New York, N. Y. Vegetable shortening. 176,420; Nov. 27; Serial No. 182,198; published Sept. 11, 1923.

Bestmake Boys Clothing Co., Inc., New York, N. Y. Suits and topcoats. 173,332; Sept. 25; Serial No. 171,199; published June 19, 1923.

Bethel Springs Water Co., Boothwyn, Pa. Battery water. 175,624; Nov. 6; Serial No. 180,744; published Aug. 14, 1923.

Bethelite Co., The. (See Lafans, Walter S.)

Bethlehem Fabricators, Inc., Bethlehem, Pa. Structural members. 174,750; Oct. 23; Serial No. 167,795; published July 17, 1923.

Bethlehem Steel Company, Bethlehem, Pa. Structural steel. 171,606; Aug. 7; Serial No. 173,738; published May 1, 1923.

Bethlehem Steel Company, Bethlehem, Pa. Metal valves for mains and pipes. 176,037; Nov. 13; Serial No. 179,845; published Sept. 4, 1923.

Better Pictures Publishing Co., Chicago, Ill. Monthly periodical. 173,877; Oct. 2; Serial No. 175,912; published June 26, 1923.

Betterton-Rupert Coffee Co., Ashland, Ky. Roasted peanuts. 177,775; Dec. 25; Serial No. 183,904; published Oct. 9, 1923.

Betty Bolton Candy, Inc., Los Angeles, Calif. Candy, jellies, jams, marmalades, pickles, etc. 165,655; Mar. 13.

Betty Lou College Candy Company, Atlanta, Ga. Candies. 166,542; Apr. 10; Serial No. 152,670; published Jan. 9, 1923.

Betty Lou, Chicago, Ill. Face powders. 172,591; Sept. 11; Serial No. 168,536; published May 29, 1923.

Beuchel, Bertha H., doing business as Beuchel Mfg. Co., St. Louis, Mo. Hair tonic and scalp ointment. 177,223; Dec. 11; Serial No. 176,158; published Sept. 18, 1923.

Beverage Extract Company, Chicago, Ill. Beverage sold as soft drink and a compound for making same. 174,179; Oct. 9; Serial No. 179,513; published July 17, 1923.

Beveridge, Melvin H., doing business as Fever Nox Company, Bayles, Calif. Ointments, influenza medicine, laxative tablets, etc. 173,632; Oct. 2; Serial No. 160,240; published July 3, 1923.

Bevin-Wilcox Line Company, East Hampton, Conn. Fishlines. 171,121; July 31; Serial No. 175,595; published Apr. 24, 1923.

Bevis Rock Salt Co., Kansas City, Mo., and Lyons, Kans. Salt. 173,999–174,001; Oct. 2; Serial Nos. 176,109–11; July 17, 1923.

Beyerle, J. J., Mfg. Co., assignor to Beyerle Mfg. Co., Inc., New York, N. Y. Infants' bibs, house aprons, bathing caps, and baby pants. 166,157; Mar. 27; Serial No. 154,300; published Oct. 24, 1922.

Beyerle Mfg. Co. (See Beyerle, J. J., Mfg. Co., assignor.)

Bias Narrow Fabric Co., The, Bridgeport, Conn., and New York, N. Y. Binding and trimming. 171,936; Aug. 14.

Bi-Carma Powder Co. (See Jones, Margaret V.)

Bickett, William H., Chicago, Ill. Mouthpiece for wind instruments. 171,961; Aug. 14.

Bickford Laboratories Company, The, Akron, Ohio. Food-flavoring extracts and table sirups. 177,607. Dec. 18.

Bicking, S. Austin, Paper Manufacturing Company, East Downingtown, Pa. Sheathing and building paper and lining paper used in lining shipping cases, etc. 165,372; Mar. 6; Serial No. 160,656; published Nov. 7, 1922.

Bickmore Company, The, Old Town, Me. Healing powder for wounds and sores on all kinds of livestock. 175,481; Nov. 6; Serial No. 179,454; published Aug. 21, 1923.

Bickum, Dorothy, New York, N. Y. Brassières. 173,832; Oct. 2; Serial No. 174,999; published June 26, 1923.

Bickum, Dorothy, New York, N. Y. Brassières. 173,661; Oct. 2; Serial No. 176,159; published June 26, 1925.

Bickum, Dorothy, New York, N. Y. Combined bandeau and girdle, combined brassière and girdles, combined brassière and corselette. 176,210; Nov. 20; Serial No. 178,953; published Aug. 28, 1923.

Biddle, Alice M., doing business as Carrolton Packing Co., Hanford, Calif. Dried fruit. 173,129; Sept. 18; Serial No. 177,821; published June 12, 1923.

Bieg, Elsie W., Chicago, Ill. Chinaware. 173,001; Sept. 11; Serial No. 177,472; published June 5, 1923.

Biegler, E. N., Manufacturing Co., Chicago, Ill. Plaster-like composition for use as a surfacing for floors, walls, roofs, etc. 175,140; Oct. 30; Serial No. 180,412; published Aug. 7, 1923.

Biegler, George C., doing business as Dent Laboratories, Cincinnati, Ohio. Antiseptic. 171,635; Sept. 11; Serial No. 165,058; published Apr. 17, 1923.

Biehl, George M., doing business as Liberty Storage Battery Company, Pottsville, Pa. Storage batteries. 170,575; July 17; Serial No. 167,347; published Apr. 3, 1923.

Biel, Conrad E., doing business as Denver Optic Company, Denver, Colo. Artificial eyes. 171,550; Aug. 7; Serial No. 178,211; published May 15, 1923.

Bielek Manufacturing Company, Pittsburgh, Pa. Medicines. 164,124; Feb. 13.

Bielek Manufacturing Company, Pittsburgh, Pa. Liniment for external application and herb tablets for treatment of kidney and stomach troubles, constipation, etc. 165,776; Mar. 20; Serial No. 158,751; published Jan. 2, 1923.

Bielek Manufacturing Company, Pittsburgh, Pa. Liniment for external application and herb tablets for treatment of kidney and stomach troubles, constipation, etc. 165,777; Mar. 20; Serial No. 158,749; published Jan. 2, 1923.

Biertuempfel Bros. Cork Company, Newark, N. J. Corks. 169,261; June 12; Serial No. 172,076; published Mar. 13, 1923.

Biffar, Fred, Chicago, Ill. Pocketknives. 173,521; Sept. 25.

"Big Four" Chemical Products Co. (See Milgram, Morris M.)

Big State Co. (See Hollis, Paul S.)

Bigelow Bruno Mfg. Co., The, Chicago, Ill. Timer for combustion engines. 165,179; Mar. 6; Serial No. 169,700; published Dec. 19, 1922.

Biggar, W. M., & Co., New York, N. Y. Worsted piece goods. 170,236; July 10; Serial No. 174,165; published Apr. 3, 1923.

Biglin & Moffatt, Inc., New York, N. Y. Electric sadirons, electric-appliance plugs, lighting fixtures, etc. 165,209; Mar. 6; Serial No. 167,116; published Nov 14, 1922.

Bilhuber, E., Inc., New York, N. Y. Medicinal preparation for treatment of asthma, etc. 170,032; July 10; Serial No. 173,695; published Apr. 10, 1923.

Bill, Bell & Co., Incorporated, Ogdensburg, N. Y. Wheat flour. 176,967; Dec. 11; Serial No. 179,178; published Sept. 25, 1923.

Billard, William W., doing business as Black Bear Coal Co., Baltimore, Md. Coal. 169,566; June 19.

Biloxi Fishermen's Packing Co., Biloxi, Miss. Canned oysters. 164,790; Feb. 27.

Biloxi Packing & Trading Co., Biloxi, Miss. Canned oysters and shrimp. 171,572; Aug. 7; Serial No. 173,397; published May 22, 1923.

Biloxi Packing & Trading Co., Biloxi, Miss. Canned shrimp and oysters. 175,394; Nov. 6; Serial No. 158,175; published Jan. 9, 1923.

Biltmore Industries. (See Grove Park Inn, Inc.)

Biltrite Collar Co. (See Cohen, Harry and Charles.)

Binder Brothers, Inc., New York, N. Y. Monthly publications. 164,839; Feb. 27.

Bing, I. & S., Company, The, Cincinnati, Ohio. Men's overcoats, trousers, and suits. 168,467; May 22; Serial No. 167,068; published Feb. 20, 1923.

Binkert, Damon A., doing business as Solvine Chemical Company, Washington, D. C. Antiseptic powder. 171,289; Aug. 7; Serial No. 178,546; published May 22, 1923.

Binney & Smith Company, East Orange, N. J., and New York, N. Y. Water-color paints. 165,139; Mar. 6; Serial No. 150,651; published Dec. 12, 1922.

Binninger, Frank H., doing business as Dandee Patch Manufacturing Co., Cleveland, Ohio. Liquid leak-stopping compounds for automobile radiators. 164,430; Feb. 20.

Bio-Chemic Laboratory. (See Jensen, Dr. Walter D.)

Bi-Oxo-Dyn Co., Savannah, Ga. Medical preparation and urethral bland. 168,047; May 15; Serial No. 169,346; published Feb. 20, 1923.

Birch Chemical Co., Columbus, Ohio. Medicine for treatment of the stomach, digestive organs, and kidneys. 165,003; Feb. 27.

Birchfield Boiler Company, Tacoma, Wash. Steam and hot-water heating boilers. 167,569; May 1; Serial No. 166,974; published Jan. 2, 1923.

Birchfield, Charles A., New York, N. Y. Radio receiving apparatus and parts thereof. 177,661; Dec. 25; Serial No. 181,009; published Oct. 9, 1923.

Bird-Archer Company, The, New York, N. Y. Blow-off valves, washout plugs, and skimmers for locomotives. 164,412; Feb. 20.

Bird-Archer Company, The, New York, N. Y. Core facings, blackings, and binders, etc. 170,583; July 17; Serial No. 158,596; published Apr. 17, 1923.

Bird-Archer Company, The, New York, N. Y. Brass and iron cleaners. 171,765; Aug. 14; Serial No. 158,595; published May 1, 1923.

Bird, Mellen T., doing business as T. Bird & Co., Boston, Mass. Correspondence paper, cards, envelopes, etc. 174,425; Oct. 16; Serial No. 179,846; published June 19, 1923.

Birdsey Somers Company, New York, N. Y. Corsets, waists, girdles, and corset combinations. 168,323; May 22; Serial No. 167,221; published Jan. 30, 1923.

Birdsey Somers Company, New York, N. Y. Corsets, waists, girdles, and corset combinations. 168,622; May 29; Serial No. 167,507; published Jan. 30, 1923.

Birdsey-Somers Co., New York, N. Y. Corsets, brassières, and girdles. 172,998; Sept. 11; Serial No. 177,212; published June 5, 1923.

Birdsey Somers Company, New York, N. Y. Brassières. 173,440; Sept. 25; Serial No. 174,532; published June 26, 1923.

Birmbaum, Bernard, Brookline, Mass. Women's and children's coats. 177,584; Dec. 18.

Birnbaum, Rosenbloom & Yellen, New York, N. Y. Infants' caps. 177,108; Dec. 11; Serial No. 173,696; published Sept. 18, 1923.

Birnie Paper Company, Springfield, Mass. Writing and printing paper, mailing envelopes, and papeteries. 170,286–7; July 10; Serial Nos. 176,876–7; published Apr. 10, 1923.

Birtman Electric Company, Chicago, Ill. Electric vacuum cleaner. 172,301; Aug. 28; Serial No. 175,380; published May 29, 1923.

Bishop, Arthur W., doing business as King & Winston Products Co., St. Louis, Mo. Pile balm and tablets for disorders of the liver and bowels. 174,360; Oct. 16; Serial No. 176,710; published July 10, 1923.

Bishop & Company, Los Angeles, Calif. Candies. 164,882; Feb. 27.

Bishop & Company, Los Angeles, Calif. Biscuits. 170,663; July 17; Serial No. 134,455; published Aug. 24, 1920.

Bishop & Company, Los Angeles, Calif. Cookies. 176,679; Nov. 27; Serial No. 174,955; published July 31, 1923.

Bishop & Company, Los Angeles, Calif. Cookies. 176,698; Nov. 27; Serial No. 174,956; published July 31, 1923.

Bishop & Company, Los Angeles, Calif. Cookies. 177,622; Dec. 25; Serial No. 182,465; published Oct. 2, 1923.

Bishop, R. G., and Company. (See Bishop, Robert G.)

Bishop, Robert G., doing business as R. G. Bishop and Company, Dallas, Tex. Medicine for aiding digestion. 167,406; May 1; Serial No. 168,195; published Jan. 9, 1923.

Bisleri, Felice, & C., Milan, Italy, and New York, N. Y. Medicinal bitters and general tonics. 177,130; Dec. 11; Serial No. 140,825; published Sept. 18, 1923.

Bissell Carpet Sweeper Company, Grand Rapids, Mich., assignor to The American Wringer Company, Providence, R. I. Clothes wringers. 23,054; renewed May 16, 1923.

Bissell, Lloyd, doing business as Star Piston Pin Co., Buffalo, N. Y. Piston pins. 169,888; July 3; Serial No. 155,427; published May 16, 1922.

Bittersweet Products Corporation, Yonkers, N. Y. Ice cream. 177,187; Dec. 11; Serial No. 180,579; published Sept. 25, 1923.

Bixler Baking Company, The, Youngstown, Ohio. Bread. 170,934; July 24; Serial No. 169,615; published Feb. 27, 1923.

Bixler Baking Company, The, Youngstown, Ohio. Bread. 176,841; Dec. 4; Serial No. 176,597; published Sept. 11, 1923.

Bizzoni, Humbert, New York, N. Y. Wrinkle remover, depilatory, deodorant, etc. 170,059; July 10; Serial No. 172,412; published Mar. 27, 1923.

Björneborgs Tändsticksfabriks Aktiebolag, Björneborg, Finland. Matches. 163,459; Jan. 16.

Black Bear Coal Co. (See Billard, William W.)

Black Bros. Flour Mills, Beatrice, Nebr. Wheat flour. 169,382; June 12; Serial No. 171,609; published May 1, 1923.

Black Bros. Flour Mills, Beatrice, Nebr. Wheat flour. 172,445; Aug. 28; Serial No. 171,609; published May 1, 1923.

Black Bros. Flour Mills, Beatrice, Nebr. Wheat flour. 172,824; Sept. 11; Serial No. 167,703; published June 5, 1923.

Black Bros. Flour Mills, Beatrice, Nebr. Poultry feed. 173,128; Sept. 18; Serial No. 172,792; published June 5, 1923.

Black Bros. Flour Mills, Beatrice, Nebr. Wheat flour. 177,497; Dec. 18; Serial No. 182,396; published Oct. 2, 1923.

Black Diamond Furnace Co., The, Monmouth, Ill. Wood and coal burning furnaces. 166,300; Mar. 27.

Black Diamond Paint & Varnish Works, Cincinnati, Ohio. Ready-mixed paints, varnishes, stains, lacquers, etc. 167,332; Apr. 24.

Black Diamond Paint and Varnish Works, Cincinnati, Ohio. Roof cement and ice-can cement. 169,011; May 29.

Black Duck Products, Incorporated, Whittier, Calif. Automobile polish. 166,185; Mar. 27; Serial No. 160,384; published Dec. 19, 1922.

Black-Iron Stove Polish Co., Lawrence, Mass. Stove and metal polishes. 168,962; May 29; Serial No. 171,298; published Mar. 13, 1923.

Black, J. S., Kansas City, Mo. Wheat flour. 170,812; July 24; Serial No. 169,048; published Mar. 27, 1923.

Black Silk Stove Polish Works, Sterling, Ill. Gas-range dressing and polishing oil. 167,650; May 8; Serial No. 168,445; published Jan. 23, 1923.

Black, Walter B., Hoopeston, Ill. Poultry foods. 172,564; Sept. 11; Serial No. 170,750; published May 1, 1923.

Black, William C., doing business as Herbolac Drug & Mfg. Co., Louisville, Ky. General medicinal tonics. 168,563; May 29; Serial No. 166,632; published Feb. 20, 1923.

Blackbird Factories, Inc., Los Angeles, Calif. Typewriter ribbons. 171,195; July 31; Serial No. 146,950; published Apr. 24, 1923.

Blackburn, Felix, Springfield, Mass. Sauce for meats, fish, soups, salads, and potatoes. 169,219; June 12; Serial No. 153,172; published Jan. 17, 1922.

Blackburn, Mrs. L. A., Fort Worth, Tex. Preparation for influenza. 170,364; July 17; Serial No. 173,952; published Apr. 10, 1923.

Blackburn Products Co., The, Dayton, Ohio. Kidney and bladder medicine. 167,470; May 1; Serial No. 166,979; published Jan. 23, 1923.

Blackburn Products Co., The, Dayton, Ohio. Medicinal compound for the treatment of coughs, and a salve. 172,393; Aug. 28; Serial No. 167,595; published May 1, 1923.

Blackford, Herbert R., Brooklyn, N. Y. Candied pop corn and other pop-corn confections. 166,432; Apr. 3; Serial No. 164,153; published Jan. 9, 1923.

Blackler, J. H., Company, The. (See Boumenot, Beppo.)

Blackman & Blackman, New York, N. Y. Catheters, ear and ulcer syringes, finger cots, etc. 177,320; Dec. 18; Serial No. 179,986; published Sept. 4.

Blackman, Mabel, New York, N. Y. Leather-topped steel-soled overshoes for horses. 166,138; Mar. 27; Serial No. 146,683; published Sept. 26.

Blackman, Samuel, Philadelphia, Pa. Coffee, cocoa, and chocolate. 166,290; Mar. 27.

Blackmore, Edwin N., Vancouver, British Columbia, Canada. Washing compounds and liquids. 171,339; Aug. 7; Serial No. 172,825; published Apr. 24, 1923.

Blaetz, Jacob H., Philadelphia, Pa. Hosiery. 164,081; Feb. 13.

Blair, J. C., Company, Huntingdon, Pa. Paper, envelopes, tablets, blank books, papeteries. 170,323; July 10; Serial No. 175,706; published Apr. 3, 1923.

Blair, Samuel A., doing business as Blair Lumber Company, New York, N. Y. Wall or plaster board. 170,522; July 17; Serial No. 174,723; published Apr. 17, 1923.

Blaisdell Pencil Company, Philadelphia, Pa. Lead pencils. 171,004; July 31; Serial No. 176,943; published Apr. 24, 1923.

Blaisdell Pencil Company, Philadelphia, Pa. Lead pencils. 172,299; Aug. 28; Serial No. 178,212; published May 29, 1923.

Blake, C. C., Incorporated, Boston, Mass. Leather shoes. 176,887; Dec. 4; Serial No. 181,877; published Sept. 11, 1923.

Blake, Henry, Harness Company, assignor to Babson Bros., Chicago, Ill. Harness. 172,284; Aug. 28; Serial No. 168,292; published May 29, 1923.

Blake, Mrs. E. A., doing business as Austin Manufacturing Co., Detroit, Mich. Preparation for use in the treatment of hair and scalp. 173,190; Sept. 18; Serial No. 167,797; published June 26, 1923.

Blake, William H., Jersey City, N. J. Mechanical pencils. 175,169; Oct. 30; Serial No. 181,585; published Aug. 7, 1923.

Blakelock & Stanton, Schenectady, N. Y. Radio receiving sets, detectors, and parts thereof. 165,198; Mar. 6; Serial No. 167,596; published Nov. 28, 1922.

Blakely, Harry C., New Britain, Conn. Potato chips. 169,773; July 3; Serial No. 168,913; published Apr. 3, 1923.

Blakeney, John G., doing business as The Sniff-Bang Company, Syracuse, N. Y. Medicinal preparation for the treatment of colds, grippe, and catarrh. 163,024; Jan. 2.

Blakeslee, G. S., & Co., Cicero, Ill. Machines for washing dishes and metal articles. 167,989; May 8.

Blakey's Boot Protectors, Limited, Leeds, England. Pads manufactured from rubber or rubber composition for application to boots and shoes. 164,067–8; Feb. 13.

Blakey's Boot Protectors, Limited, Leeds, England. Pads manufactured from rubber or rubber composition for application to boots and shoes. 166,243; Mar. 27; Serial No. 165,618; published Nov. 7, 1922.

Blanc Manufacturing Co. (See Blanc, Samuel.)

Blanc, Samuel, doing business as Blanc Manufacturing Co., Philadelphia, Pa. Antiseptic astringent, and deodorant mouth wash. 172,706; Sept. 11; Serial No. 175,642; published May 29, 1923.

Blanchard & Blodgett. (See Blodgett, Nina E.)

Blanchette, Auguste, Pawtucket, R. I. Ointment for external use for cuts, bruises, sprains, and eruptions. 172,656; Sept. 11; Serial No. 174,887; published June 5, 1923.

Blanchette-Gazzara Corp., Chicago, Ill. Malt extract for food purposes, macaroni, olive oil, table sirup, canned fish, etc. 165,569; Mar. 13; Serial No. 161,107; published Dec. 26, 1922.

Blank, Henry, & Company, Newark, N. J. Watches and parts thereof. 173,534–5; Sept. 25

Blanke-Baer Extract & Preserving Company, St. Louis, Mo. Jelly, apple butter, and fruit preserves. 167,111; Apr. 24; Serial No. 163,316; published Jan. 30, 1923.

Blatt, M. E., Co., Atlantic City, N. J. Bath robes, bathing suits, coats and suits, etc. 168,185; May 15; Serial No. 169,117; published Feb. 6, 1923.

Blatz, Val., Jr., Candy Co., Milwaukee, Wis. Bar candy. 169,399; June 12; Serial No. 162,528; published Mar. 27, 1923.

Blauston, Nathan L., doing business as Marie Antoinette Perle Co., New York, N. Y. Pearls. 168,443; May 22; Serial No. 170,614; published Feb. 20, 1923.

Blazeout Company, The. (See Marstin, Clayton R.)

Blechman, S., & Sons, Inc., New York, N. Y. Woolen yarn. 165,698; Mar. 20; Serial No. 169,945; published Jan. 2, 1923.

Blechman, S., & Sons Inc., New York, N. Y. Fabric and leather gloves. 168,553; May 29; Serial No. 160,278; published Jan. 30, 1923.

Bledsoe, Yancy M., Bonham, Tex. Wrenches. 176,553; Nov. 27; Serial No. 183,187; published Sept. 11, 1923.

Bliss Brothers Company. (See Rioux, Joseph F.)

Bliss Company, Inc., New York, N. Y. Memorandum-paper holder. 171,159; July 31; Serial No. 176,321; published May 1, 1923.

Bloch Chemical Company, Inc., The, New York, N. Y. Preparation used in treatment of the scalp. 163,281; Jan. 9.

Bloch, Léon, New York, N. Y. Handkerchiefs. 174,086; Oct. 2; Serial No. 180,413; published July 10, 1923.

Block, Felix, doing business as Advance Knitting Mills, New York, N. Y. Knitted goods—viz, sweaters, scarfs, mufflers, and capes. 169,314; June 12; Serial No. 169,528; published Mar. 20, 1923.

Block Gas Mantle Company, The, Youngstown, Ohio. Gas and gasoline mantles. 174,805; Oct. 23; Serial No. 180,651; published July 24, 1923.

Block, Leopold, doing business as Buffalo Jewelry Manufacturing Company, Buffalo, N. Y. Finger rings and neck chains. 174,777; Oct. 23; Serial No. 171,893; published July 24, 1923.

Block-Walsh Corporation, New York, N. Y. Table board game. 174,638; Oct. 23; Serial No. 181,010; published July 31, 1923.

Block-Zimmerman & Company, Los Angeles, Calif. Pickled cabbage. 172,206; Aug. 28; Serial No. 173,226; published May 29, 1923.

Blodgett, Nina E., doing business as Blanchard & Blodgett, Harvard, Ill. Medicine for gallstones and liver trouble. 164,213; Feb. 13.

Bloom & Perla, New York, N. Y. Shirts. 175,705; Nov. 6.

Bloom Sublyme Shoe Co., Inc., New York and Brooklyn, N. Y. Boots, shoes, slippers, and sandals. 173,812; Oct. 2; Serial No. 171,524; published July 3, 1923.

Bloomfield, Andrew J., Ann Arbor, Mich. Candies. 165,982; Mar. 27: Serial No. 162,157; published Nov. 28, 1922.

Blossom Hat Co. (See Mermelstein, Joseph R.)

Blu-Ribon Ice Cream Co. (See Cutrer, Bennie B.)

Blue Hill Candy Company. (See Catsigianis, Otto P.)

Blue Island Specialty Company, Blue Island, Ill. Dental and engine stones, and lathe wheels. 168,759; May 29; Serial No. 172,725; published Mar. 13, 1923.

Blue Ribbon Battery Company, Indianapolis, Ind. Battery solutions. 176,984; Dec. 11; Serial No. 179,651; published Sept. 18, 1923.

Blue-Ribbon Knitting Mills, Inc., Waltham, Mass. Knitted bathing suits. 173,914; Oct. 2; Serial No. 175,063; published July 10, 1923.

Blue Ridge Manufacturing Company, Incorporated. Alexandria, Va. Work shirts, trousers, and overalls. 177,595; Dec. 18.

Blue Star Overall Company, Norwich, Conn. Overalls and jumpers. 166,689; Apr. 10; Serial No. 168,095; published Dec. 5, 1922.

Bluebell Malt Co. (See Katz, Sigmund.)

Bluemantle, Jack, Paris, France. Beverage sold as a soft drink. 172,179; Aug. 21.

Bluffton Milling Company, The, Findlay and Bluffton, Ohio. Wheat and rye flour. 165,090; Mar. 6; Serial No. 154,298; published Nov. 7, 1922.

Blum & Bergeron, Houma, La. Dried shrimp. 177,170; Dec. 11; Serial No. 181,167; published Sept. 25, 1923.

Blum & Bergeron, Houma, La. Dried shrimp. 177,341; Dec. 18; Serial No. 181,168; published Oct. 2, 1923.

Blum, Harold F., doing business as Harold F. Blum & Co., San Francisco, Calif. Canned crab. 172,506; Aug. 28.

Blum, Isaac, New York, N. Y. Cigarettes. 173,681; Oct. 2; Serial No. 178,213; published July 3, 1923.

Blum & Mittenthal, New York, N. Y. Ladies' hand bags. 174,243; Oct. 9; Serial No. 179,847; published July 10, 1923.

Blum, Stanley W., Company, The, New York, N. Y. Sweaters, sweater coats, and bathing suits. 163,025; Jan. 2.

Blumenfield, Samuel M., New York, N. Y. Boys' and men's caps. 170,365; July 17; Serial No. 173,953; published Apr. 3, 1923.

Blumenthal, Edwin M., doing business as E. M. Blumenthal & Company, Chicago, Ill. Corn sirup used in the manufacture of nonalcoholic beverages. 168,261; May 15; Serial No. 170,677; published Feb. 27, 1923.

Blumenthal, Edwin M., doing business as E. M. Blumenthal & Co., Chicago, Ill. Malt and corn sirup used in the manufacture of nonalcoholic malt beverages. 166,832; Apr. 17; Serial No. 170,678; published Jan. 9, 1923.

Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics in the piece. 163,279–80; Jan. 9.

Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics in the piece. 163,424; Jan. 9.

Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabric in the piece. 163,977; Feb. 6.

Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics in the piece. 163,985; Feb. 6.

Blumenthal, Sidney, & Co., Inc., New York, N. Y. Pile fabrics in the piece. 165,694; Mar. 20; Serial No. 170,118; published Dec. 26, 1922.

Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics in the piece. 166,941; Apr. 17; Serial No. 171,895; published Jan. 30, 1923.

Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics in the piece. 166,947; Apr. 17; Serial No. 171,894; published Jan. 30, 1923.

Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics in the piece. 167,936; May 8; Serial No. 173,559; published Feb. 20, 1923.

Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics in the piece. 168,044; May 15; Serial No. 173,164; published Feb. 13, 1923.

Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics in the piece. 169,672; June 26; Serial No. 174,687; published Mar. 27, 1923.

Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics in the piece. 169,677; June 26; Serial No. 173,909; published Mar. 27, 1923.

Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics in the piece. 170,636; July 17; Serial No. 175,767; published Apr. 17, 1923.

Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics in the piece. 171,589; Aug. 7; Serial No. 175,764; published May 15, 1923.

Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics in the piece. 171,979–80; Aug. 21; Serial Nos. 178,810–11; published May 22, 1923.

Blumenthal, Sidney, & Co. Inc., New York, N. Y. Cotton and wool upholstery fabrics. 175,187; Oct. 30; Serial No. 175,765; published Aug. 7, 1923.

Blumenthal, Sidney, & Co. Inc., New York, N. Y. Cotton and wool upholstery fabrics. 175,188; Oct. 30; Serial No. 175,763; published Aug. 7, 1923.

Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics in the piece. 175,553; Nov. 6; Serial No. 179,848; published Aug. 28, 1923.

Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics in the piece. 175,662; Nov. 6; Serial No. 182,201; published Aug. 21, 1923.

Boardman, Wm., & Sons Company, The, Hartford, Conn. Coffee. 165,774; Mar. 20; Serial No. 159,196; published Jan. 2, 1923.

Boatright, Lenore, San Francisco, Calif. Dolls. 172,334; Aug. 28; Serial No. 177,649; published May 29, 1923.

Bob & Baskind, New York, N. Y. Men's and boys' shirts, underwear, play suits, boys' waists and blouses. 170,334; July 10.

Bob & Baskind, New York, N. Y. Men's and boys' shirts and boys' blouses. 175,230; Oct. 30.

Bob-o-Link Products Co. (See Schwartz, Paul H.)

Bobwhite Chemical Corporation, New York, N. Y. Insecticides, bactericides, fungicides, etc., for plants. 169,791–2; July 3; Serial Nos. 168,953–4; published Mar. 27, 1923.

Bobwhite Chemical Corporation, New York, N. Y. Balm for the treatment of abnormal complications of the udder and to relieve inflammation in galls, cuts, etc. 176,091; Nov. 13.

Bochmann, F. A., & Co. Inc., Philadelphia, Pa. Worsted and woolen dress goods in the piece. 172,894–5; Sept. 11; Serial Nos. 175,051–2; published May 29, 1923.

Bockstege Furniture Co., Evansville, Ind. Household furniture. 169,014; May 29.

Bockstege Furniture Co., The, Evansville, Ind. Dining-room furniture. 172,353; Aug. 28; Serial No. 173,347; published May 8, 1923.

Body, Thomas, Co., Oakland, Calif. Canned fruits. 169,304; June 12; Serial No. 168,020; published Mar. 27, 1923.

Boehringer, C. F., & Soehne, Waldhof, near Mannheim, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del. Iron derivatives of albumen. 24,228; renewed Feb. 13, 1923.

Boggiano, Louis, doing business as Chicago & Geneva Bottling Works, Chicago, Ill. Nonalcoholic, maltless beverages. 163,282–4; Jan. 9.

Bohn Refrigerator Company, St. Paul, Minn. Refrigerators. 171,945; Aug. 14.

Bohn Refrigerator Company, St. Paul, Minn. Refrigerators. 173,582; Sept. 25.

Boiler Scale Dissolvent Corp., Buffalo, N. Y. Compound for dissolving and removing scale and rust from boilers, etc. 169,780; July 3; Serial No. 172,318; published Mar. 27, 1923.

Boise Butcher Company, Ltd., Boise, Idaho. Boiled hams, sugar-cured meats, lard, etc. 166,792; Apr. 17; Serial No. 156,775; published Jan. 30, 1923.

Boissonade, Eugene, New York, N. Y. Fish, meat, and salad sauces and dressings. 165,886–8; Mar. 20.

Bolcom Canal Lumber Co., Seattle, Wash. Laths and lumber. 172,134, Aug. 21; Serial No. 176,012; published May 29, 1923.

Boldu-Branca, Carolina D., et al., successors. (See Scala, Maria B.)

Bolduc, George J., doing business as G. J. Bolduc & Company, Portland, Oreg. Cough drops and lozenges. 174,356; Oct. 16; Serial No. 177,032; published July 10, 1923.

Bolgiano, J., Seed Co., The, Baltimore, Md. Field, vegetable and flower seeds. 171,573; Aug. 7; Serial No. 172,859; published May 22, 1923.

Bolinger, George N., Shelbyville, Ill. Needles. 164,015; Feb. 6.

Bolinger, W. A., doing business as Bolinger Orchards, Methow, Wash. Fresh apples. 171,071; July 31; Serial No. 171,896; published May 8, 1923.

Bolitho & Stringer, Paris, France. Face creams, face powders, perfumes, dentifrices, etc. 165,519; Mar. 13. Serial No. 163,855; published Dec. 19, 1922.

Bolivar Packing Company, San Diego, Calif. Olives. 175,617; Nov. 6; Serial No. 180,835; published Aug. 21, 1923.

Boll Weevil Chemical Company, Charlotte, N. C. Insecticide for the extermination of boll weevil. 164,353; Feb. 20.

Boll-We-Go Manufacturing Company, Atlanta, Ga. Composition used for spraying and destroying boll weevils, etc. 168,055; May 15; Serial No. 170,053; published Feb. 6, 1923.

Bollerman, Albert, doing business as Ne-Ver-Rust Mfg. Co., Brooklyn, N. Y. Chemical compounds. 169,025; May 29.

Bon Ami Company, Inc., The, New York, N. Y. Scouring soap. 175,072; Oct. 30; Serial No. 170,557; published Aug. 7, 1923.

Bon-Quin Co. (See Brown, H. Clay.)

Alphabetical list of registrants of trade-marks—Continued.

Bon-Tober Sporting Goods Co., The, Hartford, Conn. Baseballs and baseball gloves. 173,725; Oct. 2; Serial No. 179,394; published July 3, 1923.

Bonadio & Merchiorri Co., Pittsburgh, Pa. Alimentary paste. 166,476; Apr. 3; Serial No. 166,973; published Jan. 16, 1923.

Bonat, Samuel, & Bro., New York, N. Y. Hair nets. 163,460; Jan. 16

Bond, Charles, Company, Philadelphia, Pa. Round leather and flat leather belting. 171,509; Aug. 7; Serial No. 165,661; published May 22, 1923.

Bond, Charles, Company, Philadelphia, Pa. Leather loom sundries. 173,733; Oct. 2; Serial No. 178,588; published June 12, 1923.

Bond Foundry and Machine Company, Manheim, Pa. Shaft hangers and collars, friction clutches, clutch and shaft couplings, etc. 163,651; Jan. 23.

Bond, Jessie A., doing business as J. & A. Bond, Hamilton, Ontario, Canada. Salve for the relief of eczema, salt rheum, acne, etc. 174,109; Oct. 2; Serial No. 171,061; published July 10, 1923.

Bond Marble Company, Knoxville, Tenn. Marble in unfinished blocks. 169,065; June 5; Serial No. 172,256; published Mar. 13, 1923.

Bonded Products Corporation, New York, N. Y. Soap and soap products. 173,758–9; Oct. 2; Serial Nos. 177,352–3; published June 5, 1923.

Bonded Products Corporation, New York, N. Y. Soap and scouring compounds. 174,873; Oct. 23; Serial No. 180,206; published July 24, 1923.

Bonded Products Corporation, New York, N. Y. Soap and soap products. 175,018; Oct. 30; Serial No. 177,354; published Aug. 7, 1923.

Bonita Co., The, Fond du Lac, Wis. Candy. 176,604; Nov. 27; Serial No. 179,849; published Sept. 11, 1923.

Bonita Company, The, Fond du Lac, Wis. Candy. 165,767; Mar. 20; Serial No. 160,855; published Dec. 26, 1922.

Bonita Company, The, Fond du Lac, Wis. Candy. 166,343; Apr. 3; Serial No. 160,856; published Jan. 9, 1923.

Bonk, John J., doing business as Lucile Pearl Company, New York, N. Y. Pearls. 166,573; Apr. 10; Serial No. 171,200; published Jan. 2, 1923.

Bonney Forge & Tool Works, Philadelphia, Pa.; New York, N. Y.; Allentown, Pa., and Chicago, Ill. Wrenches. 169,360; June 12; Serial No. 172,633; published Mar. 27, 1923.

Bonney Forge & Tool Works, Philadelphia and Allentown, Pa.; Chicago, Ill., and New York, N. Y. Tappet wrenches. 171,873; Aug. 14; Serial No. 173,993; published May 15, 1923.

Bonnie-B Company, Inc., The, New York, N. Y. Hair nets. 163,854; Jan. 30.

Bonnie-B Company, Inc., The, New York, N. Y. Powder puffs. 167,164; Apr. 24; Serial No. 171,249; published Feb. 6, 1923.

Bonomo, Albert, Brooklyn, N. Y. Candy. 166,880; Apr. 17; Serial No. 151,306; published Feb. 6, 1923.

Boone, Daniel, Woolen Mills, Inc., Chicago, Ill. Overcoats, suits, raincoats, and pants. 164,581; Feb. 20.

Boonville Bottling Works, Boonville, Ind. Nonalcoholic maltless beverage sold as a soft drink. 163,821; Jan. 30.

Boonville Mills Company, Boonville, Mo. Wheat flour. 167,184; Apr. 24; Serial No. 162,911; published Dec. 12, 1922.

Boonville Mills Company, Boonville, Mo. Wheat flour, corn meal, and Graham flour. 170,845; July 24; Serial No. 162,912; published Mar. 20, 1923.

Boorum & Pease Company, New York, N. Y. Blank books, pads, and tablets, etc. 163,898; Feb. 6.

Booth-Coahran Co., San Diego, Calif. Preparation for removing calli and corns from the feet. 174,761; Oct. 23; Serial No. 167,796; published Aug. 7, 1923.

Booth, F. E., Co., San Francisco, Calif. Heavy-bodied, light-colored brown fish-oil, aerated, used in the preparation of varnish. 163,707; Jan. 23.

Booth, F. E., Co., San Francisco, Calif. Light-colored refined sardine oil for paint oil. 163,708; Jan. 23.

Booth, F. E., Co., San Francisco, Calif. Highly-refined caustic-treated bleached oil used for making white enamels and light varnish. 163,709; Jan. 23.

Booth, F. E., Co., San Francisco, Calif. Recovered salad oil used as a base in the manufacture of greases and lubricating oil. 167,805; May 8; Serial No. 167,551; published Feb. 13, 1923.

Booth, F. E., Co., San Francisco, Calif. Oil used in making high-gloss varnish. 170,578; July 17; Serial No. 167,553; published Apr. 17, 1923.

Booth, Wilfrid L., Elmira, N. Y. Candy. 165,968; Mar. 27; Serial No. 159,404; published Nov. 28, 1922.

Boott Mills, Lowell, Mass. Woven cotton towels and toweling. 175,106; Oct. 30; Serial No. 177,164; published Aug. 7, 1923.

Booty, Philip C. P., doing business as Innovation Specialties, assignor to Innovation Specialties Co. Inc., Chicago, Ill. Manicurists' buffing implements and renewal strips therefor. 176,394; Nov. 27; Serial No. 171,411; published Sept. 11, 1923.

Borden Company, The, New York, N. Y. Caramels. 170,987; July 24.

Borden Company, The, New York, N. Y. Chocolate cubes. 171,273; July 31.

Bordow, Abraham, doing business as Bordow Silk Co., New York, N. Y. Thrown pure silk yarn. 165,018; Feb. 27.

Bordow Silk Co. (See Bordow, Abraham.)

Borgenicht & Sons Co. Inc., New York, N. Y. Children's and misses' dresses. 176,109; Nov. 20; Serial No. 158,843; published Aug. 28, 1923.

Borgfeldt, George, & Co., New York, N. Y. Dolls. 171,046; July 31; Serial No. 175,338; published May 15, 1923.

Borgfeldt, George, & Co., New York, N. Y. Dolls. 171,584; Aug. 7; Serial No. 175,339; published May 22, 1923.

Borgfeldt, George, & Co., New York, N. Y. Hair nets. 173,702; Oct. 2; Serial No. 177,120; published June 19, 1923.

Bornn, Frank, doing business as Bornn Distilling Company, New York, N. Y. Preparation for bathing and massaging. 174,393; Oct. 16; Serial No. 174,425; published July 17, 1923.

Boro Chemical Co., Inc., Binghamton, N. Y. Germicide. 167,560; May 1; Serial No. 165,267; published Dec. 26, 1922.

Borroughs, Joseph N., Oakland, Calif. Towel cabinets. 175,784; Nov. 13; Serial No. 178,023; published Aug. 28, 1923.

Borsum Bros., New York, N. Y., and Jersey City, N. J. Metal polish. 169,491; June 19; Serial No. 137,512; published Sept. 5, 1922.

Boss Manufacturing Company, The, Kewanee, Ill., and Brooklyn, N. Y. Fabric and leather gloves and mittens. 164,765; Feb. 27.

Boss Nut Company, Chicago, Ill. Lock nuts, bolts, rivets, screws. 175,017; Oct. 30; Serial No. 177,355; published Aug. 7, 1923.

Boss Washing Machine Company, The, Norwood, Ohio. Washing machines for clothes. 164,956; Feb. 27.

Bossard, Jean, doing business as Institut de Beaute Castiglione, Paris, France. Perfume, toilet water, face powder, rouge, etc. 169,909; July 3; Serial No. 170,618; published Mar. 6, 1923.

Bossard Railway Signal Corporation, Troy, N. Y. Electric flashers for intermittent signals and the like. 166,563; Apr. 10; Serial No. 168,667; published Dec. 26, 1922.

Bossong, J. C., & Co. (See Bossong, Joseph C.)

Bossong, Joseph C., doing business as J. C. Bossong & Co., New York, N. Y. Hosiery. 164,079; Feb. 13.

Bossong, Joseph C., doing business at J. C. Bossong & Co., New York, N. Y. Hosiery. 164,247; Feb. 13.

Bossong, Joseph C., doing business as J. C. Bossong & Co., New York, N. Y. Hosiery. 164,827–8; Feb. 27.

Bossong, Joseph C., doing business as J. C. Bossong & Co., New York, N. Y. Hosiery. 168,246; May 15; Serial No. 167,765; published Jan. 30, 1923.

Bossong, Joseph C., doing business as J. C. Bossong & Co., New York, N. Y. Hosiery. 175,184; Oct. 30; Serial No. 181,170; published Aug. 7, 1923.

Bost, Bernice C., Chicago, Ill. Section of a monthly periodical. 170,562; July 17; Serial No. 173,910; published Apr. 17, 1923.

Bost, William D., Chicago, Ill. Beverages sold as soft drinks and sirups, etc., for making same. 171,058; July 31; Serial No. 176,444; published May 15, 1923.

Boston Clock Company, Boston, Mass. Time indicating, keeping and recording instruments. 168,289; May 15.

Boston Harbor Oil Company, Boston, Mass. Lubricating oil. 167,568; May 1; Serial No. 167,379; published Dec. 19, 1922.

Boston Insulated Wire & Cable Co., Boston, Mass. Electric conductors, wires, and cables. 160,286; June 12; Serial No. 160,534; published July 18, 1922.

Boston Molasses Company, Boston, Mass. Molasses. 168,543; May 29; Serial No. 158,212; published Feb. 27, 1923.

Bostwick Steel Lath Company, The, Niles, Ohio. Expanded-metal lath and reenforcements for concrete structures, channel irons, etc. 169,094; June 5.

Bostwick Steel Lath Company, The, Niles, Ohio. Metal lath and expanded-metal reenforcements for concrete structures. 169,095; June 5.

Bosworth Line Co., Inc., East Homer, N. Y. Fishing lines. 174,541; Oct. 16.

Botany Worsted Mills, Passaic, N. J., and New York, N. Y. Woolen dress goods. 23,936; renewed Dec. 19, 1923.

Botany Worsted Mills, Passaic, N. J. Worsted yarn fabric known as reps. 174,165–6; Oct. 9; Serial Nos. 179,987–8; published July 17, 1923.

Botany Worsted Mills, Passaic, N. J. Wool pile fabric. 174,506; Oct. 16; Serial No. 180,358; published July 24, 1923.

Botany Worsted Mills, Passaic, N. J. Brocaded wool pile fabric. 174,507; Oct. 16; Serial No. 180,359; published July 24, 1923.

Botany Worsted Mills, Passaic, N. J. Worsted yarn fabric known as "reps." 174,588; Oct. 23; Serial No. 179,989; published July 24, 1923.

Botany Worsted Mills, Passaic, N. J. Fabric known as worsted rep. 175,177; Oct. 30; Serial No. 181,334; published Aug. 14, 1923.

Bothamley, George, New York, N. Y. Dyestuffs. 175,432; Nov. 6; Serial No. 171,568; published Aug. 28, 1923.

Boucher, Wm., & Sons, Baltimore, Md. Cigars and tobaccos. 176,125; Nov. 20; Serial No. 174,816; published Sept. 11, 1923.

Bouck, Harold W., Chicago, Ill. Poultice plasters for pimples and boils. 172,369; Aug. 28; Serial No. 160,390; published May 1, 1923.

Boue Soeurs, New York, N. Y. Perfumes. 177,665; Dec. 25; Serial No. 181,171; published Oct. 9, 1923.

Bouillonized Peanut Company. (See Craven, Horace G.)

Boulin, Camille H., doing business as Canson & Montgolfier, New York, N. Y. Handmade paper. 167,768; May 8; Serial No. 173,276; published Feb. 13, 1923.

Boumenot, Beppo, doing business as The J. H. Blackler Company, Westerly, R. I. Beverages sold as soft drinks and sirup for making the same. 164,156; Feb. 13.

Bourjois, A., & Co. Inc., New York, N. Y. Toilet preparations. 167,378; May 1; Serial No. 167,766; published Dec. 26, 1923.

Bourjois, A., & Co., Inc., assignor to M. Tecla & Co., New York, N. Y. Face powder. 177,712; Dec. 25; Serial No. 112,292; published Oct. 9, 1923.

Bourke, Leo A., doing business as "Must Hatch Incubator Company," Petaluma, Calif. Incubated chicks and other young poultry. 164,887; Feb. 27.

Bouton, Emile, Paris, France. Hat linings. 173,415; Sept. 25; Serial No. 145,430; published June 19, 1923.

Bouvet, Simonne, New York, N. Y. Doll. 168,932; May 29; Serial No. 173,319; published Mar. 13, 1923.

Bovee Novelty Company, Chicago, Ill. Vanity kits and cases. 173,455; Sept. 25; Serial No. 178,325; published June 19, 1923.

Bowden, J. B., & Co., New York, N. Y. Wedding rings. 164,587; Feb. 20.

Bowden, J. B., & Company, New York, N. Y. Type of finger rings known as wedding rings. 167,354; May 1; Serial No. 144,273; published Jan. 30, 1923.

Bowen, Frank G., doing business as Bowen Mfg. Co., Kansas City, Mo. Key cases. 171,449; Aug. 7; Serial No. 157,651; published May 8, 1923.

Bowen Mfg. Co. (See Bowen, Frank G.)

Bower McQuillen Co. (See Bower & McQuillen, assignors.)

Bower & McQuillen, assignors to Bower McQuillen Co., Philadelphia, Pa. Polish for furniture, pianos, floors, etc. 164,603; Feb. 20.

Bowers, Claude E., doing business as Bowers Manufacturing Company, Los Angeles, Calif. Self-propelled toy vehicles. 171,227; July 31; Serial No. 177,067; published Apr. 24, 1923.

Bowers Manufacturing Company. (See Bowers, Claude E.)

Bowker Chemical Company, New York, N. Y. Water softener. 176,413; Nov. 27; Serial No. 178,706; published Aug. 14, 1923.

Bowker Insecticide Company, New York, N. Y. Insecticides. 167,421; May 1; Serial No. 169,749; published Jan. 9, 1923.

Bowlus, George G., doing business as The Five-in-One Chemical Company, Burkittsville, Md. Salves and ointments for treating sores, flesh wounds, burns, etc. 165,701; Mar. 20; Serial No. 163,252; published Nov. 7, 1922.

Bowman Bros. Seed Co., Concordia, Kans. Hen food, egg mash, chick food, and chick mash. 170,835; July 24; Serial No. 162,658; published Mar. 20, 1923.

Bowman, Erick, Remedy Company, Inc., Owatonna, Minn. Abortion remedy and an insecticide. 177,268; Dec. 11; Serial No. 166,126; published Sept. 18, 1923.

Bowman, John M., Lanark, Ill. Preparation for use in the treatment of hog cholera, and a vermifuge preparation. 174,642; Oct. 23; Serial No. 181,172; published July 31, 1923.

Bownes, Frank, Company Inc., Lynn, Mass. Paint enamels. 166,484; Apr. 3; Serial No. 170,619; published Jan. 9, 1923.

Bownes, Frank, Company, Inc., Lynn, Mass. Paint enamels. 170,609; July 17; Serial No. 176,396; published Apr. 17, 1923.

Bownes, Frank, Company, Inc., Lynn, Mass. Varnish. 174,216; Oct. 9; Serial No. 181,054; published July 10, 1923.

Bowser, S. F., and Company, Incorporated, Fort Wayne, Ind. Dry-cleaning systems. 172,264; Aug. 28; Serial No. 177,068; published May 29, 1923.

Bowyer, Ambrose, Chicago, Ill. Publications to be published at irregular intervals. 177,333; Dec. 18; Serial No. 181,669; published Sept. 25, 1923.

Boyakin, Raymond, Salt Lake City, Utah. Auto and furniture cleaner. 173,621; Oct. 2; Serial No. 166,036; published June 26, 1923.

Boyce, Georgette, Syracuse, N. Y. Toilet paper. 166,304–5; Mar. 27.

Boyd, A. C., doing business as Pine-O Chemical Company, Langdale, Ala. Furniture and automobile polish. 175,066; Oct. 30; Serial No. 171,062; published Aug. 14, 1923.

Boyd, Charles G., Bethlehem, Pa. Foot powders. 167,643; May 8; Serial No. 168,629; published Jan. 30, 1923.

Boyd, John S., Company, Inc., Williamstown, Mass. Cotton pile cloth in the piece. 163,285; Jan. 9.

Boyd, John S., Co. Inc., Williamstown, Mass., and New York, N. Y. Corduroys in the piece. 167,673; May 8; Serial No. 173,227; published Feb. 27, 1923.

Boyd, John S., Co. Inc., Williamstown, Mass., and New York, N. Y. Corduroys in the piece. 168,766; May 29; Serial No. 173,229; published Mar. 6, 1923.

Boyd, John S., Company Inc., Williamstown, Mass. Cotton pile cloth in the piece. 170,878; July 24; Serial No. 157,827; published May 1, 1923.

Boyd, Lunham & Company, Chicago, Ill. Lard. 173,034; Sept. 11; Serial No. 174,607; published June 5, 1923.

Boyd, Martin, & Co., Memphis, Tenn. Wheat flour. 176,567; Nov. 27; Serial No. 178,589; published Sept. 18, 1923.

Boyd Packing Company. (See Patrick-Young Company.)

Boyd-Welsh Shoe Company, St. Louis, Mo. Leather and cloth shoes. 165,292; Mar. 6; Serial No. 166,280; published Nov. 14, 1922.

Boye Needle Co., The, Chicago, Ill. Key chains. 174,094; Oct. 2; Serial No. 179,773; published July 3, 1923.

Boykin Machinery & Supply Co., Beaumont, Tex. Oil-well machinery and tools. 173,918; Oct. 2; Serial No. 174,062; published July 3, 1923.

Boyle, John, & Company, Incorporated, New York, N. Y. Waterproofed cotton duck. 165,313; Mar. 6; Serial No. 166,167; published Nov. 7, 1922.

Boyle, John, & Company, Incorporated, New York, N. Y. Cotton duck. 166,211; Mar. 27; Serial No. 169,152; published Dec. 12, 1922.

Boyle, John, & Company Incorporated, New York, N. Y. Unbleached, bleached, dyed, and colored cotton ducks and drills in the piece. 167,001; Apr. 17.

Boynton, Catharine, Los Angeles, Calif. In continuing series of stories. 165,157; Mar. 6; Serial No. 149,375; published Dec. 5, 1922.

Boynton Furnace Co., Jersey City, N. J., and New York, N. Y. Steam and water boilers, hot-air furnaces, and ranges. 163,489; Jan. 16.

Boynton Furnace Co., Jersey City, N. J., and New York, N. Y. Steam and water boilers and hot-air furnaces. 169,028; May 29.

Boyriven, A., New York, N. Y. Automobile upholstery fabrics. 174,757; Oct. 23; Serial No. 165,120; published July 24, 1923.

Boyshform Brassiere Co., The, New York, N. Y. Brassières. 173,551–3; Sept. 25.

Bozeman, Mike E., doing business as Hampton Medicine Company, Winnfield, La. Preparation for impure blood. 173,013; Sept. 11; Serial No. 173,871; published June 5, 1923.

Braadland, John, Ltd. (See Abbott, Hall & Co.)

Brach, Jacques, Paris, France. Perfumes, toilet waters, sachets, face powders, etc. 165,594; Mar. 13. Serial No. 146,687; published Dec. 5, 1922.

Brach, L. S., Manufacturing Co., Newark, N. J. Radio head sets, radiodetectors, radiocrystals, etc. 174,594; Oct. 23; Serial No. 178,892; published July 24, 1923.

Brackett, William E., Toledo, Ohio. Powder for bathing, washing, and cleaning purposes. 170,564; July 17; Serial No. 173,994; published Apr. 24, 1923.

Bradbury, F. L., Co., The, Long Island City, N. Y. Cookies. 165,076; Mar. 6; Serial No. 159,407; published Nov. 7, 1922.

Bradford Dyers' Association, Limited, The, Bradford, England. Woolen piece goods. 165,118–19; Mar. 6; Serial No. 122,518–19; published Dec. 2, 1919.

Bradford Dyers' Association, Limited, The, Bradford, England. Woolen piece goods. 165,120; Mar. 6; Serial No. 122,523; published Dec. 2, 1919.

Bradford Dyers' Association, Limited, The, Bradford, England. Woolen piece goods. 165,326–9; Mar. 6; Serial Nos. 122,516–24; published Dec. 2, 1919.

Bradford Dyers' Association, Limited, The, Bradford, England. Woolen piece goods. 165,408–9; Mar. 6; Serial Nos. 122,460–1; published Dec. 2, 1919.

Bradford Dyers' Association, Limited, The, Bradford, England. Mohair piece goods. 165,410; Mar. 6; Serial No. 122,513; published Dec. 2, 1919.

Bradford Dyers' Association, Limited, The, Bradford, England. Woolen piece goods. 165,411; Mar. 6; Serial No. 122,517; published Dec. 2, 1919.

Bradford Dyers' Association, Limited, Bradford, England. Wool and cotton admixture piece goods. 168,781–2; May 29; Serial Nos. 122,462–3; published Feb. 27, 1923.

Bradford Dyers' Association, Limited, Bradford, England. Mohair and cotton admixture piece goods. 168,783; May 29; Serial No. 122,512; published Feb. 27, 1923.

Bradford Dyers' Association, Limited, Bradford, England. Wool and cotton admixture piece goods. 168,784; May 29; Serial No. 122,515; published Feb. 27, 1923.

Bradford Dyers' Association, Limited, The, Bradford, England. Ladies' costumes and skirts. 168,787; May 29; Serial No. 124,042; published Feb. 20, 1923.

Bradford Dyers' Association, Limited, The, Bradford, England. Piece goods. 168,791; May 29; Serial No. 132,074; published Mar. 6, 1923.

Bradford Dyers' Association, Limited, The, Bradford, England. Dyed cotton piece goods. 169,782; July 3; Serial No. 122,624; published Mar. 20, 1923.

Bradford Dyers' Association, Limited, The, Bradford, England. Cotton, artificial-silk, silk, and woolen piece goods and admixtures of same. 169,783; July 3; Serial No. 122,625; published Mar. 27, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Bradford Dyers' Association, Limited, The, Bradford, England. Cotton and other piece goods. 175,049; Oct. 30; Serial No. 179,583; published Aug. 14, 1923.

Bradford Dyers' Association, Limited, The, Bradford, England. Woolen piece goods. 177,713; Dec. 25; Serial No. 122,520; published Dec. 2, 1919.

Bradford Shoe Company, The, Columbus, Ohio. Shoes of leather and combination of cloth and leather. 166,055; Mar. 27; Serial No. 168,197; published Jan. 2, 1923.

Bradley, James J., New York, N. Y. Toilet soap. 171,929; Aug. 14.

Bradley Miller & Co., Bay City, Mich. Door and window frames. 165,375; Mar. 6; Serial No. 160,331; published Oct. 10, 1922.

Bradley, Milton Company, Springfield, Mass. Crayons. 177,804–5; Dec. 25.

Bradley & Vrooman Company, Chicago, Ill. Ready-mixed paints. 167,327; Apr. 24.

Bradley-Wise Paint Company, Los Angeles, Calif. Paints, varnishes, paint enamels, dry colors. 172,109; Aug. 21; Serial No. 172,464; published May 15, 1920.

Bradt, Gustavus H., San Francisco, Calif. Canned berries and fruits. 173,573–4; Sept. 25.

Bradt, Gustavus H., San Francisco, Calif. Canned fruits and berries, fruit jams, etc. 173,575; Sept. 25.

Bradt, Gustavus H., San Francisco, Calif. Canned berries and fruits. 174,533; Oct. 16.

Brady, Peter H., doing business as The Somish Laboratories, Spokane, Wash. Dental cream. 164,729; Feb. 27.

Bragdon, Lord & Nagle Co., The, New York, N. Y. Weekly publication. 177,372; Dec. 18; Serial No. 181,726; published Oct. 2, 1923.

Brager of Baltimore, Baltimore, Md. Hosiery. 169,052; June 5; Serial No. 168,198; published Mar. 20, 1923.

Bragonier, Maude C., South Pasadena, Calif. Children's suits and dresses. 165,960; Mar. 27; Serial No. 155,336; published Jan. 2, 1923.

Brainard, Pearl H., doing business as Macomb Manufacturing Company, Macomb, Ill. Iceless and fireless receptacles for retaining heat and cold. 171,526; Aug. 7; Serial No. 176,061; published May 8, 1923.

Bramberger Reinthal Company, The, Cleveland, Ohio. Caps. 170,722; July 24; Serial No. 173,459; published June 5, 1923.

Bramblett, J. Thad, Pocasset, Okla. Preparations for the treatment of eczema and other skin diseases, burns, scalds, etc. 175,044; Oct. 30; Serial No. 178,326; published Aug. 7, 1923.

Branca, Bernardino, et al., successors. (See Scala, Maria B.)

Branca, Dolores D., et al., successors. (See Scala, Maria B.)

Brand New Company, Inc., Far Rockaway, Long Island, N. Y. Tooth paste and mouth wash. 165,875; Mar. 20.

Brandeau, Anna F., Chicago, Ill. Garters. 166,805–6; Apr. 17; Serial Nos. 168,199–200; published Jan. 9, 1923.

Brandenburg & Brandenburg, New York, N. Y. Manufactured furs. 168,336; May 22; Serial No. 160,993; published Feb. 20, 1923.

Brandes, Max, Brooklyn, N. Y. Corn salve. 175,496; Nov. 6; Serial No. 177,768; published Aug. 21, 1923.

Brandt, H. O., & Hampson. (See Maddocks, John, assignor.)

Brandt & Hollerbaugh, Van Wert, Ohio. Exterior and interior stucco compositions. 165,153; Mar. 6; Serial No. 144,012; published Oct. 10, 1922.

Branfman, Jacob, New York, N. Y. Meat products—viz, smoked beef, bologna, and salami. 163,286; Jan. 9.

Branford Electric Company, Inc., New York, N. Y. Electric appliances. 175,949; Nov. 13; Serial No. 172,634; published Aug. 21, 1923.

Brannon, Mary, Company, Atlanta, Ga. Curative ointment for the treatment of utero-ovarian diseases. 163,026; Jan. 2.

Braun, J. H., & Co., Chicago, Ill. Coffee and tea. 176,265; Nov. 20; Serial No. 177,267; published Aug. 21, 1923.

Brauns, Wilhelm, Gesellschaft mit beschränkter Haftung, Quedlinburg, Germany. Colors for dyeing purposes. 176,184; Nov. 20; Serial No. 174,160; published Aug. 14, 1923.

Brauns, Wilhelm, Gesellschaft mit beschränkter Haftung, Quedlinburg, Germany. Colors for dyeing. 176,388; Nov. 27; Serial No. 174,161; published Aug. 14, 1923.

Braunschweiger Rechenmaschinen-Fabrik Rema, m. b. H., Braunschweig, Germany. Calculating and adding machines. 164,965; Feb. 27.

Braw Laddie Golf Company, Oakland, Calif. Golf clubs. 171,153; July 31; Serial No. 176,062; published Apr. 24, 1923.

Brawner, Henry N., jr., doing business as Chestnut Farms Dairy, Washington, D. C. Raw and pasteurized milk, butter, eggs, and cheese. 172,566; Sept. 11; Serial No. 170,739; published May 1, 1923.

Brawner, Henry N., jr., doing business as Chestnut Farms Dairy, Washington, D. C. Butter, eggs, and cheese. 172,585; Sept. 11; Serial No. 170,707; published May 15, 1923.

Brawner, Henry N., jr., doing business as Chestnut Farms Dairy, Washington, D. C. Raw and pasteurized milk, butter, eggs, and cheese. 172,684; Sept. 11; Serial No. 161,349; published May 15, 1923.

Brawner, Henry N., jr., doing business as Chestnut Farms Dairy, Washington, D. C. Butter. 172,939; Sept. 11; Serial No. 161,347; published June 5, 1923.

Brazilian Coffee Co. (See Gallotti, Frederick T.)

Breathe-O-Tol-Co. (See Pletcher, Eugene M.)

Brecht Candy Company, The, Denver, Colo. Candy. 170,448; July 17; Serial No. 172,199; published Apr. 10, 1923.

Breeze Manufacturing Co., Newark, N. J. Flexible metal hose. 165,172; Mar. 6; Serial No. 127,852; published Dec. 5, 1922.

Bregstein, Nathan, Brooklyn, N. Y. Ladies' undwerwear made of textile fabrics. 173,211; Sept. 11; Serial No. 171,250; published June 12, 1923.

Breit, Antol M., doing business as Crescent Rubber Specialty Company, Chicago, Ill. Bloomers for babies and children. 172,957; Sept. 11; Serial No. 175,296; published June 5, 1923.

Breitenbach, M. J., Company, New York, N. Y. Remedy for chlorosis, malnutrition, anæmia, etc. 168,593; May 29; Serial No. 164,580; published Feb. 13, 1923.

Bremer Aluminum Corporation, St. Louis, Mo. Aluminum cooking utensils. 164,413–14; Feb. 20.

Brenchley, Emma M., New Malden, England. Cigarette paper. 170,307; July 10; Serial No. 176,445; published Apr. 10, 1923.

Brenner, Jacob, Fond du Lac, Wis. Furnaces. 175,691; Nov. 6.

Breon, George A., doing business as Whinton Laboratories, Kansas City, Mo. Medical compound for treating corns. 177,054; Dec. 11; Serial No. 180,167; published Sept. 11, 1923.

Breslauer, Adolph, New York, N. Y. Hair goods. 171,634; Aug. 7.

Bresler, Abraham, doing business as Lubraseptol Co., New York, N. Y. Lubricants for dental engines and general lubricant purposes. 176,050; Nov. 13; Serial No. 180,959; published Sept. 4, 1923.

Brewer & Company, Inc., Worcester, Mass. Lime. 171,535; Aug. 7; Serial No. 175,129; published May 8, 1923.

Briden, L. L., & Co., Boston, Mass. Dyes. 167,904; May 8; Serial No. 168,871; published Jan. 30, 1923.

Bridgeman-Russell Co., Duluth, Minn. Ice cream. 175,779; Nov. 13; Serial No. 177,268; published Aug. 28, 1923.

Bridgeport Brass Company, Bridgeport, Conn. Nonferrous metals in the form of ingots, billets, slabs, sheets, etc. 171,691; Aug. 7.

Briggs, J., & Sons Co., Providence, R. I. Special-process metal and bars, sheets, strips, etc. 171,895; Aug. 14; Serial No. 171,827; published May 1, 1923.

Briggs, Z. T., Photographic Supply Co., The, Kansas City, Mo. Photographic prints. 163,791; Jan. 30.

Brigham Company, The, Springfield, Mass. Hosiery. 175,163; Oct. 30; Serial No. 181,056; published Aug. 7, 1923.

Brignall, Guy E., doing business as Lite Soap Company, Aurora, Ill. Household soap. 166,614; Apr. 10; Serial No. 167,159; published Dec. 26, 1922.

Brilliant Coal Company, Birmingham, Ala. Coal. 165,611; Mar. 13; Serial No. 167,160; published Dec. 26, 1922.

Brillo Manufacturing Company, Brooklyn, N. Y. Steel wool for cleaning and polishing purposes. 168,938; May 29; Serial No. 173,070; published Mar. 6, 1923.

Brimberg, Samuel N., New York, N. Y. Ladies' and misses' coats. 163,554; Jan. 23.

Brinckerhoff, M. E., San Diego, Calif. Toilet lotions. 168,097–8; May 15; Serial Nos. 163,612–12½; published Feb. 13, 1923.

Brine, James W., Company, The, Boston, Mass. Football pants and jackets, union suits, football shoes, athletic stockings, etc. 164,770–2; Feb. 27.

Brine, James W., Company, Boston, Mass. Pillows. 167,771; May 8; Serial No. 172,731; published Feb. 13, 1923.

Brine, James W., Company, The, Boston, Mass. Footballs, football bladders, inflators, pads, etc. 168,390; May 22; Serial No. 169,886; published Feb. 20, 1923.

Brine, James W., Company, Boston, Mass. Woolen football blankets. 170,519; July 17; Serial No. 172,728; published Apr. 17, 1923.

Brine, James W., Company, Boston, Mass. Football pants and jackets, knit worsted union suits, football shoes, etc. 173,203; Sept. 18; Serial No. 172,579; published June 19, 1923.

Brine, James W., Company, Boston, Mass. Hip and kidney pads, elastic bandages, etc. 174,388; Oct. 16; Serial No. 172,578; published July 17, 1923.

Brine, James W., Company, Boston, Mass. Surveying linemen's measuring outfits. 174,674; Oct. 23; Serial No. 172,580; published July 24, 1923.

Brine, James W., Company, Boston, Mass. Score books. 174,678; Oct. 23; Serial No. 172,730; published July 24, 1923.

Brine, James W., Boston, Mass. Flags, banners, pennants, etc. 174,821; Oct. 23; Serial No. 172,581; published July 24, 1923.

Brine, James W., Company, Boston, Mass. Shoe and skate bags. 176,001; Nov. 13; Serial No. 172,729; published Sept. 4, 1923.

Brine, James W., Company, Boston, doing business as Kingston Knitting Company, Cambridge, Mass. Sweaters, rib sport coats, bathing suits, etc. 175,586; Nov. 6; Serial No. 178,708; published Aug. 14, 1923.

Brinton, Willard C., New York, N. Y. Prints, post cards, pictures, and photographs. 167,861; May 8; Serial No. 152,693; published Feb. 20, 1923.

Brissette, Armand J., Webster, Mass. Medicinal preparation for coughs, colds, bronchitis, etc. 167,623; May 1; Serial No. 167,707; published Dec. 26, 1922.

Bristol Company, The, Waterbury, Conn. Electrical loud-speaking receivers, horns, control boxes, etc. 166,471; Apr. 3; Serial No. 168,098; published Jan. 9, 1923.

Bristol-Myers Company, New York, N. Y. Remedy for the relief of coughs, colds, etc. 167,744; May 8; Serial No. 169,526; published Jan. 9, 1923.

Bristol-Myers Company, New York, N. Y. Cathartic and laxative preparation. 167,911; May 8; Serial No. 169,153; published Jan. 9, 1923.

Bristol-Myers Company, New York, N. Y. Medicinal preparation. 167,912; May 8; Serial No. 169,154; published Jan. 9, 1923.

Bristol-Myers Company, New York, N. Y. Cold cream. 167,913; May 8; Serial No. 169,156; published Jan. 9, 1923.

Bristol-Myers Company, New York, N. Y. Cathartic and laxative preparation. 168,407; May 22; Serial No. 171,441; published Feb. 20, 1923.

Britex Chemical Products Limited, London, England. Disinfectants. 174,024; Oct. 2; Serial No. 176,397; published June 19, 1923.

British America Nickel Corp'n Ltd., Ottawa, Ontario, Canada. Nickel sulphate. 174,115; Oct. 2; Serial No. 143,977; published July 3, 1923.

British America Nickel Corp'n Ltd., Ottawa, Ontario, Canada. Nickel ammonium sulphate. 174,116; Oct. 2; Serial No. 143,978; published July 3, 1923.

British American Metals Company Inc., New York, N. Y. Seamless brass tubes, seamless copper tubes, and condenser tubes. 167,803; May 8; Serial No. 160,392; published Feb. 13, 1923.

British Glues & Chemicals, Limited, London, England. Glue and gelatin glue. 176,499; Nov. 27; Serial No. 173,588; published Sept. 18, 1923.

Britton, Albert, Myrtle Point, Oreg. Cream cheese. 171,025; July 31; Serial No. 168,097; published Apr. 3, 1923.

Broadway Bargain House, New York, N. Y. Embroidery edgings, braids, tapes, binding, linen, silk and cotton elastic belting, etc. 165,920; Mar. 20.

Broadway Department Store, The. (See Letts, Arthur, assignor.)

Broadway Knitting Mills, New York, N. Y. Knitted caps. 166,847; Apr. 17; Serial No. 165,984; published Jan. 9, 1923.

Brochu, Elise M., Holyoke, Mass. Blood tonic and system regulator. 165,483; Mar. 13; Serial No. 167,865; published Dec. 26, 1922.

Brock-Carlson Laboratories, Inc., Minneapolis, Minn. Coconut-oil shampoo. 168,484; May 22; Serial No. 168,752; published Feb. 20, 1923.

Brockett, Arthur A., Little Falls, N. Y. Hoof-rot remedy. 165,554; Mar. 13; Serial No. 152,831; published Jan. 2, 1923.

Brocton Fruit Products Company, Brocton, N. Y. Cider and grape juice. 177,833; Dec. 25.

Brodie, Ralph N., doing business as Ralph N. Brodie Co., Oakland, Calif. Metallic and nonmetallic gears. 175,788; Nov. 13; Serial No. 179,764; published Aug. 28, 1923.

Brody, N., & Co., New York, N. Y. Ladies' suits, coats, and dresses. 169,177; June 12; Serial No. 169,527; published Mar. 20, 1923.

Broeker, Chas., & Co., Owensboro, Ky. Wheat flour, hominy feed, and grits. 176,837; Dec. 4; Serial No. 179,179; published Sept. 11, 1923.

Brogan, Byard F., Philadelphia, Pa. Finger rings. 172,140–1; Aug. 21; Serial Nos. 176,714–15; published May 8, 1923.

Brogan, Byard F., Philadelphia, Pa. Finger rings, pendants, scarfpins, etc. 172,995; Sept. 11; Serial No. 176,716; published June 5, 1923.

Brogdex Company, Winter Haven, Fla. Coating material having paraffin as its base. 176,759; Nov. 27; Serial No. 175,708; published Sept. 11, 1923.

Brogon Mills, Anderson, S. C. Cotton, flannel, and flannelettes. 163,873; Feb. 6.

Brogon Mills, Andersan, S. C. Colored cotton goods in the piece. 163,874; Feb. 6.

Bromley, John, & Sons, Incorporated, Philadelphia, Pa. Lace curtains and nets or curtain lace in piece goods. 170,975; July 24.

Bronson, Emma, Waldo, Kans. Spark catcher for locomotives. 169,145; June 12; Serial No. 157,206; published Mar. 13, 1923.

Bronxonian Publishing Co. Inc., New York, N. Y. Newspaper periodical published weekly. 168,959; May 29; Serial No. 171,611; published Feb. 27, 1923.

Brooklyn Heights Canning Company, Los Angeles, Calif. Tomato sauce and paste, fruit preserves, canned fruits and vegetables. 166,659; Apr. 10; Serial No. 164,855; published Jan. 30, 1923.

Brooklyn Hosiery Mills, Inc., Brooklyn, N. Y. Stockings. 171,740; Aug. 14; Serial No. 169,573; published May 22, 1923.

Brooklyn Metal Stamping Co., Brooklyn, N. Y. Radio-frequency transformers. 174,540; Oct. 16.

Brooklyn Shield & Rubber Company, Brooklyn, N. Y. Baby pants. 172,112; Aug. 21; Serial No. 172,027; published May 22, 1923.

Brooks Chemical Co., New Cumberland, W. Va. Salve for treating sore throat, croup, asthma, etc. 174,029; Oct. 2; Serial No. 176,599; published June 19, 1923.

Brooks, Geo., & Son Company, Philadelphia, Pa. Piece goods of cotton and silk for draperies. 175,644; Nov. 6; Serial No. 180,045; published Aug. 21, 1923.

Brooks, George W., Topeka, Kans. Blackboards. 174,740; Oct. 23; Serial No. 149,884; published July 24, 1923.

Brooks, J. B., & Co., assignor to J. B. Brooks and Company Limited, Birmingham, England. Leather goods. 24,657; renewed May 8, 1924.

Brooks, J. F., & Sons, Bagwell, Tex. Rheumatic oil. 177,843; Dec. 25.

Brooks, Max L., Brooklyn, N. Y. Games and game apparatus. 170,256; July 10; Serial No. 170,967; published Apr. 3, 1923.

Brooks, Robert W., doing business as Brooks Paper Company, St. Louis, Mo. Stereotyping and copying tissue. 172,926; Sept. 11; Serial No. 176,534; published June 5, 1923.

Brooks Rupture Appliance Company, Marshall, Mich. Rupture reducing and confining devices, including trusses. 166,073; Mar. 27; Serial No. 159,489; published Dec. 19, 1922.

Brooks Tent & Awning Co., The, Denver, Colo. Tents. 165,642; Mar. 13.

Brooks-Wilbor-Parsons Company, Cleveland, Ohio. Books of blank forms. 175,287; Nov. 6; Serial No. 123,328; published Aug. 14, 1923.

Brooks, William H., San Francisco, Calif. Meat pies, meat dumplings, and foods having a meat filler. 172,611; Sept. 11; Serial No. 167,597; published June 5, 1923.

Brooks, William H., San Francisco, Calif. Meat pies, dumplings, etc. 173,175; Sept. 18; Serial No. 170,806; published June 26, 1923.

Broome, Ernest L., New York, N. Y. Hydraulic gates. 169,858; July 3; Serial No. 172,028; published Apr. 10, 1923.

Brouwer, S. J., Shoe Company, Milwaukee, Wis. Shoes of leather and cloth and leather. 171,715; Aug. 14; Serial No. 149,119; published Aug. 15, 1922.

Brower Candy Co., Atlanta, Ga. Ice-cream cones. 163,219; Jan. 2.

Brown, A. E., Shoe Co., Inc., Orwigsburg, Pa. Shoes. 172,256; Aug. 28; Serial No. 149,261; published Jan. 9, 1923.

Brown, Alan L., South Orange, N. J. Game pieces used for playing games, playing and score boards for such games. 164,357; Feb. 20.

Brown Bag Co., Inc., The, Statesville, N. C. Traveling bags, suitcases, portfolios, etc. 163,685; Jan. 23.

Brown, Betty, Co., Peoria, Ill. Ladies' dresses. 166,605; Apr. 10; Serial No. 148,920; published Dec. 12, 1922.

Brown & Bigelow, St. Paul, Minn. Caps for men, women, or children, and aprons made of cloth. 172,784; Sept. 11; Serial No. 160,743; published June 5, 1923.

Brown & Bigelow, St. Paul, Minn. Signs made of metal and celluloid. 174,557; Oct. 23; Serial No. 160,745; published July 17, 1923.

Brown and Brown, Drs., Chicago, Ill. Medicated wax for treatment of pyorrhea. 176,021; Nov. 13; Serial No. 177,269; published July 31, 1923.

Brown, C. C., Candy Co., Los Angeles, Calif. Chocolate candy. 173,839; Oct. 2; Serial No. 169,279; published July 3, 1923.

Brown, C. D., & Co., Inc., Rochester, N. Y. Finished upper-leather calfskins. 174,481–2; Oct. 16; Serial Nos. 178,160–1; published July 17, 1923.

Brown, Caroline G., New York, N. Y. Corsets. 167,995; May 8.

Brown Company, Portland, Me. Wrapping paper and waxed paper. 163,220; Jan. 2.

Brown Company, Portland, Me. Wrapping paper. 163,461; Jan. 16.

Brown Company, Portland, Me. Wrapping paper. 163,490; Jan. 16.

Brown Company, Portland, Me. Wrapping paper. 166,931–2; Apr. 17; Serial Nos. 168,021–2; published Jan. 16, 1923.

Brown Company, Portland, Me. Paper products. 168,705; May 29; Serial No. 129,373; published Mar. 6, 1923.

Brown Company, Portland, Me., and Berlin, N. H. Fiber conduits for electrical purposes. 171,053; July 31; Serial No. 175,709; published Apr. 24, 1923.

Brown, Earle D., doing business as The Everam Co., South Bend, Ind. Baked confections. 167,196–7; Apr. 24; Serial No. 162,473–4; published Jan. 30, 1923.

Brown, Frank R., Columbus, Ohio. Cream confections. 175,718; Nov. 6.

Brown, Geo. K., Co., Inc., Chattanooga, Tenn. Ice cream. 174,576; Oct. 23; Serial No. 164,576; published July 17, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Brown, George G., New York, N. Y. Carburetors. 174,173; Oct. 9; Serial No. 179,774; published July 17, 1923.

Brown, H. Clay, doing business as The Bon-Quin Co., Shreveport, La. Medicinal tonics for keeping the system in a healthy condition, etc. 170,552; July 17; Serial No. 173,589; published Apr. 17, 1923.

Brown, H. Clay, doing business as The Bon-Quin Co., Shreveport, La. Medicinal tonics for the prevention and treatment of chills, etc. 173,526; Sept. 4; Serial No. 173,589; published Apr. 17, 1923.

Brown, H. J., Medicine Company, The, Cleveland, Ohio. Remedies for tobacco habit, compositions for alleviating the injurious effects of nicotine, etc. 173,123, Sept. 18; Serial No. 160,332; published June 12, 1923.

Brown, Harvey M., assignor to Brown Window Shades, Inc., Philadelphia, Pa. Window shades. 172,453; Aug. 28; Serial No. 172,506; published May 1, 1923.

Brown, J. C., Newark, Ohio. Salad dressings. 173,655; Oct. 2; Serial No. 176,446; published June 26, 1923.

Brown, James E., doing business as Swansdown Sanitary Garment Company, Detroit, Mich. Sanitary napkins. 175,690; Nov. 6.

Brown, Jervis D., Los Angeles, Calif. Ointment for treatment of nervous itching and as a general healing ointment. 174,395; Oct. 16; Serial No. 174,765; published July 17, 1923.

Brown, Leo, Co. Inc., New York, N. Y. Sweaters, bathing suits, and scarfs, tams, etc. 164,742; Feb. 27.

Brown Manufacturing Co., Greeneville, Tenn. Stimulating antiseptic oil. 176,354; Nov. 20.

Brown, May Belle L., Merrimac, Mass. Sandwich filling. 168,091; May 15; Serial No. 161,765; published Feb. 13, 1923.

Brown, Michael J., Philadelphia, Pa. Fruit presses. 174,108; Oct. 2; Serial No. 166,498; published July 10, 1923.

Brown and Morton. (See Morton, Lester L.)

Brown Orcola Company, The, Chicago, Ill. Shortening. 170,580; July 17; Serial No. 167,598; published Apr. 17, 1923.

Brown, R. J., Petroleum Company, St. Louis, Mo. Thinning oil. 166,442; Apr. 3; Serial No. 166,646; published Jan. 9, 1923.

Brown & Sehler Company, Grand Rapids, Mich. Storage batteries. 174,433; Oct. 16; Serial No. 178,816; published June 26, 1923.

Brown Shoe Company, Inc., St. Louis, Mo. Rubber heels for shoes. 164,250; Feb. 13.

Brown Shoe Company Inc., St. Louis, Mo. Shoes. 166,098; Mar. 27; Serial No. 164,799; published Nov. 14, 1922.

Brown Shoe Company, Inc., St. Louis, Mo. Leather, canvas, and cloth shoes. 176,970; Dec. 11; Serial No. 179,180; published Sept. 11, 1923.

Brown, Wm. H., & Bro. Company, Baltimore, Md. Perfume, toilet water, sachet powder, and talcum and face powders. 172,721; Sept. 11; Serial No. 174,818; published May 22, 1923.

Browne, John H., Aldwich, London, England. Face creams and powders, hair tonic, bath crystals, hair and flesh tonic water, etc. 167,725; May 8; Serial No. 153,236; published Jan. 30, 1923.

Browne, Mayotta, San Francisco, Calif. Dolls. 167,167; Apr. 24; Serial No. 171,610; published Jan. 30, 1923.

Brownell & Company, Moodus, Conn. Maitre cord, seine, seaming, and lobster twine, shade cord, etc. 164,854; Feb. 27.

Brownewell, Donald F., Canton, Ohio. Cleaning compound for cleaning carpets, fabrics, etc., and hand soap. 167,918; May 8; Serial No. 169,278; published Jan. 2, 1923.

Brownhill & Kramer, Philadelphia, Pa. Hosiery. 175,156; Oct. 30; Serial No. 180,837; published Aug. 7, 1923.

Brownlee, Joseph P., doing business as Southern Sweet Potato Exchange, Chicago, Ill. Selected sweet potatoes in their natural state. 165,558; Mar. 13; Serial No. 156,351; published Jan. 2, 1923.

Brownstein-Louis Co., Los Angeles, Calif. Textile fabrics of cotton, wool, silk, and mixtures in the piece. 171,594; Aug. 7; Serial No. 176,160; published May 15, 1923.

Brownstein-Louis Co., Los Angeles, Calif. Shirts, pyjamas, nightgowns. 174,293; Oct. 9.

Brüder Böhm, Vienna, Austria. Hats and caps of hair, wool, and velour felt for women and children. 163,894; Feb. 6.

Brumby, B. G., doing business as Dixie Hosiery Mills, Atlanta, Ga. Hosiery. 167,814; May 8; Serial No. 164,860; published Dec. 5, 1922.

Brummer, Max B., & Son, Inc., New York, N. Y. Knickerbockers and sport, riding, and golf trousers. 168,392; May 22; Serial No. 169,947; published Feb. 20, 1923.

Brun Mfg. Co., Philadelphia, Pa. Laundry wax. 170,085; July 10; Serial No. 168,201; published Apr. 3, 1923.

Brune, Pottburg & Co., New York, N. Y. Cotton piece goods. 166,117; Mar. 27; Serial No. 151,902; published Dec. 10, 1922.

Brune, Pottberg & Co., New York, N. Y. Cotton piece goods. 166,118; Mar. 27; Serial No. 151,904; published Dec. 20, 1922.

Brune, Pottberg & Co., New York, N. Y. Cotton piece goods. 171,403; Aug. 7; Serial No. 176,535; published May 8, 1923.

Brune, Pottberg & Co., New York, N. Y. Cotton piece goods. 176,055; Nov. 13; Serial No. 182,202; published Sept. 4, 1923.

Brune, Pottberg & Co., New York, N. Y. Cotton piece goods. 176,057–8; Nov. 13; Serial Nos. 182,291–2; published Sept. 4, 1923.

Brune, Pottberg & Co., New York, N. Y. Cotton piece goods. 177,484; Dec. 18; Serial No. 183,192; published Sept. 25, 1923.

Brune, Pottberg & Co., New York, N. Y. Cotton piece goods. 177,488; Dec. 18; Serial No. 183,188; published Sept. 25, 1923.

Brune, Pottberg & Co., New York, N. Y. Cotton piece goods. 177,489; Dec. 18; Serial No. 193,191; published Sept. 25, 1923.

Brunelle Drug Co., Woonsocket, R. I., Medicinal preparation for indigestion, dyspepsia, etc. 175,576; Nov. 6; Serial No. 181,057; published Aug. 21, 1923.

Bruner, Simon, New York, N. Y. Watchcases of precious metal. 165,301; Mar. 6; Serial No. 163,565; published Nov. 28, 1922.

Brunner, Lamar F., doing business as Utility Fittings Company, Philadelphia, Pa. Electric-conduit fittings. 170,128; July 10; Serial No. 156,344; published Apr. 3, 1923.

Brunner Manufacturing Company, Utica, N. Y. Small air compressors and small motor-driven compressor units. 171,940; Aug. 14.

Brunning, Charles E., Indianapolis, Ind. Certain named medicines. 23,658; renewed Sept. 26, 1923.

Bruno, C., & Son, Inc., New York, N. Y. Musical instruments. 174,315; Oct. 16; Serial No. 177,543; published June 12, 1923.

Bruno, Ida S., Rockford, Ill. Ladies' and children's dresses, aprons, and undergarments. 164,939; Feb. 27.

Bruno Radio Corporation, New York, N. Y. Radio sending and receiving sets. 174,773; Oct. 23; Serial No. 171,442; published July 31, 1923.

Bruns, A., & Sons, Brooklyn, N. Y. Furniture-moving pads, tents, tarpaulin, awnings, etc. 174,439; Oct. 16; Serial No. 177,544; published July 3, 1923.

Brunstaedt, Co. Inc., The, Newark, N. J. Silk hosiery, silk underwear, and gloves of leather and of fabric. 163,027; Jan. 2.

Brunswick-Balke-Collender Company, The, Chicago, Ill. Billiard tables. 23,238; renewed June 20, 1923.

Brunswick-Balke-Collender Company, The, Wilmington, Del., and Chicago, Ill. Game-table cushions. 167,180–1; Apr. 24; Serial No. 172,078–9; published Jan. 30, 1923.

Brunswick-Balke-Collender Company, The, Wilmington, Del., and Chicago, Ill. Rubber and fabric tires. 174,437; Oct. 16; Serial No. 177,951; published July 17, 1923.

Brunswick-Balke-Collender Company, The, Wilmington, Del., and Chicago, Ill. Rubber and fabric tires. 174,569; Oct. 23; Serial No. 177,952; published July 24, 1923.

Brush-On Manufacturing Company, The. (See Stoddard, Harry C.)

Bryan, T. D., Linden, Calif. Fresh cherries. 168,100; May 15; Serial No. 163,734; published Feb. 20, 1923.

Bryant Electric Company, The, Bridgeport, Conn. Electric-switch handles. 163,221; Jan. 2.

Bryant, Frank H., doing business as Poe Chemical Company, Troy, N. Y. Preparation for internal and external use for the alleviation of pain, etc. 170,263; July 10; Serial No. 170,423; published Apr. 3, 1923.

Buchanan, E. Everett, jr., doing business as Rose Cerate Company, Elmira, N. Y. Antiseptic remedy. 173,085; Sept. 11.

Buchanan, E. Everett, jr., doing business as Rose Cerate Company, Elmira, N. Y. Antiseptic salve. 174,545; Oct. 16.

Buchanan, J. W., doing business as Nu-Pep Laboratories, Union, S. C. Vegetable general tonic for human use. 175,578; Nov. 6; Serial No. 181,173; published Aug. 21, 1923.

Bucher & Gibbs Plow Company, The, Canton, Ohio. Plows, plowshares, moldboards, plowpoints, landsides, etc. 168,136; May 15; Serial No. 170,473; published Jan. 9, 1923.

Bucher & Gibbs Plow Company, The, Canton, Ohio. Plows, plowshares, moldboards, plowpoints, landsides, etc. 168,829; May 29; Serial No. 170,472; published Jan. 9, 1923.

Buchner, W. J., doing business as The Mineola Silverware Cleaning Co., Glendive, Mont. Preparation for cleaning silverware. 168,026; May 8.

Buckeye Blower Company. (See Columbus Heating & Ventilating Company.)

Buckeye Cotton Oil Company, The, Cincinnati, Ohio. Mixed feed for animals. 165,141; Mar. 6; Serial No. 149,677; published Nov. 7, 1922.

Buckeye Iron & Brass Works, Dayton, Ohio. Valves, cocks, siphons for steam gauges, fusible plugs, etc. 164,279; Feb. 20.

Buckeye Nurseries Incorporated, Tampa, Winterhaven, Lucerne Park, and Howey, Fla. Fresh oranges. 165,983; Mar. 27; Serial No. 162,329; published Dec. 5, 1922.

Buckeye Ribbon & Carbon Co., The, Cleveland, Ohio. Carbon paper and typewriter ribbons. 171,183; July 31; Serial No. 172,080; published Apr. 24, 1923.
Buckeye Traction Ditcher Co., The, Findlay, Ohio. Traction wheels. 171,590; Aug. 7; Serial No. 175,843; published May 1, 1923.
Buckingham & Hecht, San Francisco, Calif. Shoes of leather. 166,857; Apr. 17; Serial No. 164,020; published Jan. 9, 1923.
Buckingham & Hecht, San Francisco, Calif. Shoes of leather. 171,659; Aug. 7.
Buckwalter Stove Company, Royersford, Pa. Gas, coal, wood, or coke cooking or heating stoves, ranges, etc. 167,724; May 8; Serial No. 152,232; published Jan. 2, 1923.
Bucyrus Company, South Milwaukee, Wis. Power shovels, drag-line excavators, etc. 168,961; May 29; Serial No. 171,443; published Mar. 6, 1923.
Buczkowski, John J., doing business as Hoosier Rat Meal Mfg. Co., South Bend, Ind. Preparation for exterminating rats and mice. 164,494; Feb. 20.
Buczkowski, John J., doing business as Hoosier Cleanser Mfg. Co., South Bend, Ind. Water-softening compound. 169,900; July 3; Serial No. 171,571; published Feb. 27, 1923.
Buddie Saw Rig Works. (See Johnson, Oliver W.)
Buddy Brooks, Inc., Marshall, Mich. Talcum powders. 176,231; Nov. 20; Serial No. 162,375; published Aug. 14, 1923.
Buddy Products Co., Chicago, Ill. Furniture polish. 173,742; Oct. 2; Serial No. 178,217; published June 19, 1923.
Budeke, George M., Baltimore, Md. Oil paint, ready mixed and paste; linseed oils, floor wax, floor and furniture polish, etc. 175,295; Nov. 6; Serial No. 155,044; published Feb. 13, 1923.
Buell, George C., & Co. Inc., Rochester, N. Y. Coffee. 173,949; Oct. 2; Serial No. 178,819; published July 17, 1923.
Buell, George C., & Co., Inc., Rochester, N. Y. Coffee. 177,197; Dec. 11; Serial No. 178,817; published Sept. 11, 1923.
Buenaventura Balcells Vallbona, doing business as Balcells, Barcelona, Spain. Olive oil. 171,489; Aug. 7; Serial No. 135,438; published May 22, 1923.
Buettner, T., & Co., Chicago, Ill. Art needlework. 170,645; July 17; Serial No. 170,270; published Apr. 24, 1923.
Buettner, T., & Co., Chicago, Ill. Pure linen in the piece, linen table covers and napkins. 171,482; Aug. 7; Serial No. 177,895; published May 15, 1923.
Buffalo Box Factory, Buffalo, N. Y. Paper and fiber boxes. 169,570; June 19.
Buffalo Dental Manufacturing Co., Buffalo, N. Y. Dental vulcanizers, dental vulcanizer heaters, and dental anvils. 163,028; Jan. 2.
Buffalo Jewelry Manufacturing Company. (See Block, Leopold.)
Buffalo Meter Company, Buffalo, N. Y. Quantity meters for measuring water, etc. 177,845; Dec. 25.
Buffalo Novelty Company. (See Diodato, Frank A., assignor.)
Buffalo Office and Law Supply Company, Inc., Buffalo, N. Y. Paper, stationery, and miscellaneous office supplies. 165,995; Mar. 27; Serial No. 167,346; published Jan. 2, 1923.
Buffalo Specialty Co., Buffalo, N. Y. Drain solvents. 167,574; May 1; Serial No. 166,630; published Jan. 9, 1923.
Buffalo Specialty Company, Buffalo, N. Y. Drain solvents. 163,029; Jan. 2.
Buffalo Specialty Company, Buffalo, N. Y. Chemical compositions for removing carbon from internal-combustion engines and the like. 173,630; Oct. 2; Serial No. 161,522; published July 3, 1923.
Buffalo Weaving & Belting Co., Buffalo, N. Y. Brake lining. 174,923; Oct. 23.
Buffet, Auguste, Paris, France. Musical instruments. 169,734; June 26.
Bug Dust Shovel Co., The, Pennington Gap, Va. Dust shovels. 176,793; Nov. 27.
Bull Dog Floor Clip Company, Winterset, Iowa. Floor clips for fastening wooden floors or the like to a concrete construction. 171,442; Aug. 7; Serial No. 160,480; published Apr. 24, 1923.
Bullet Proof & Non-Shatterable Glass Corporation, New York, N. Y. Glass. 172,996–7; Sept. 11; Serial No. 176,717–8; published June 5, 1923.
Bulubassis, George J., New York, N. Y. Sugar-coated peanuts. 177,089; Dec. 11; Serial No. 173,590; published Sept. 11, 1923.
Bundt, Charles R., doing business as The Asthma-non Co., Detroit, Mich. Preparation for the treatment of asthma. 167,909; May 8; Serial No. 168,997; published Jan. 30, 1923.
Bunge, Herman, Elgin, Ill. Gasoline and lubricating oils. 170,643; July 17; Serial No. 176,064; published Apr. 17, 1923.
Bunnie Hat Co., Inc., Reading, Pa. Hats for men and boys. 171,134; July 31; Serial No. 159,552; published May 8, 1923.
Bunte Brothers, Chicago, Ill. Candy. 171,320; Aug. 7; Serial No. 168,294; published May 8, 1923.
Bunte Brothers, Chicago, Ill. Candy. 171,457; Aug. 7; Serial No. 168,446; published May 8, 1923.
Bunte Brothers, Chicago, Ill. Chocolates. 177,035; Dec. 11; Serial No. 160,385; published Sept. 25, 1923.
Burch, Henry M., Washington, D. C. Liquid preparation for polishing and cleaning gold, silver, nickel, and plated ware. 165,204; Mar. 6; Serial No. 167,380; published Nov. 28.
Burcher, George E., doing business as Burcher's Pharmacy, Newport News, Va. General medicinal tonic. 172,670; Sept. 11; Serial No. 174,124; published May 22, 1923.
Burd High Compression Ring Company, Rockford, Ill. Piston rings. 163,030; Jan. 2.
Burden, Everett, doing business as Burden Manufacturing Company, East Liverpool, Ohio. Fruit sirup for beverages sold as soft drinks. 173,206; Sept. 18; Serial No. 172,507; published June 19, 1923.
Burdette-Murray Company, The, Cleveland, Ohio. Drawing outfits. 164,285; Feb. 20.
Burdette-Murray Company, The, Cleveland, Ohio. Pantographs. 166,468; Apr. 3; Serial No. 168,669; published Jan. 2, 1923.
Burdwise, Aaron, Baltimore, Md. Strings for violins and similar musical instruments. 165,261; Mar. 6; Serial No. 167,378; published Nov. 28, 1922.
Bureau of Formulas. (See Wiegand, William D.)
Buren, Asa J., Cullom, Ill. Moisteners used in sealing up stationery. 172,252; Aug. 28; Serial No. 156,048; published May 29, 1923.
Burgess Battery Company, Madison, Wis. Electric batteries. 169,089; June 5.
Burgower, L. H., doing business as The Vogue, Dallas, Tex. Women's outer coats, suits, dresses, and hats. 175,443; Nov. 6; Serial No. 127,709; published Aug. 7, 1923.
Burhop, Fred D., doing business as Mell-O Packing Company, Yonkers, N. Y. Aging and softening chemical powder for liquors. 170,251; July 10; Serial No. 171,196; published Apr. 3, 1923.
Burhorn, Edwin Co., New York, N. Y. Noncorroding and nonrusting alloys, rolled plates and sheets of such alloys, etc. 166,358; Apr. 3; Serial No. 149,210; published Jan. 2, 1923.
Burke, Claude A., doing business as Koronkowa Medicine Company, Lufkin, Tex. Liniments. 169,587; June 26; Serial No. 158,074; published Mar. 6, 1923.
Burke, Frank G., doing business as Manhattan Soap Company, New York, N. Y. Soaps. 168,954–5; May 29; Serial Nos. 171,684-5; published Mar. 6, 1923.
Burke, Frank G., doing business as Manhattan Soap Company, New York, N. Y. Soap for toilet, bath, laundry, etc. 169,781; July 3; Serial No. 172,508; published Mar. 27, 1923.
Burke Golf Co., The, Newark, Ohio. Golf clubs. 163,288; Jan. 9.
Burley Flour Mills, The. (See Colorado Milling & Elevator Co.)
Burnes, Frank, doing business as Burnes Remedy Company, St. Louis, Mo. Liquid preparation for the treatment of rheumatism. 172,663; Sept. 11; Serial No. 174,426; published May 8, 1923.
Burnham, Alvie, doing business as Burnham Packing Company, Clay City, Ind. Canned pimientos. 173,267; Sept. 18; Serial No. 175,064; published June 19, 1923.
Burnham, E., Inc., Chicago, Ill. Gray-hair restorer. 163,289; Jan. 9.
Burnham, E., Inc., Chicago, Ill. Rouge. 166,177; Mar. 27; Serial No. 166,495; published Dec. 5, 1922.
Burnham, E., Inc., Chicago, Ill. Perfume, toilet water, and sachet. 166,178; Mar. 27; Serial No. 166,497; published Dec. 5, 1922.
Burnham, E., Inc., Chicago, Ill. Preparation for the hair. 167,319; Apr. 24.
Burnham, E., Inc., Chicago, Ill. Preparation for straightening hair. 167,579; May 1; Serial No. 166.496; published Jan. 2, 1923.
Burnham, E., Inc., Chicago, Ill. Extract, toilet water, face powder, etc. 176,367; Nov. 20.
Burnham & Morrill Company, Portland, Me. Canned corn and canned succotash. 172,068; Aug. 21; Serial No. 177,357; published May 29, 1923.
Burnham & Morrill Company, Portland, Me. Fish flakes, codfish cakes, clams, alimentary paste products, etc. 173,016; Sept. 11; Serial No. 173,399; published June 5, 1923.
Burnham-Munger-Root Dry Goods Co., Kansas City, Mo. Textile underwear. 175,231; Oct. 30.
Burnham, Stoepel & Company, Detroit, Mich. Gowns and pyjamas. 170,338; July 10.
Burns, E. Reed, Manufacturing Corp., Brooklyn, N. Y. Polishing compositions in the form of powder, paste, and liquid for metal. 170,499; July 17; Serial No. 171,009; published Apr. 24, 1923.
Burns, Frederick M., Mount Vernon, N. Y. Umbrellas and parasols. 173,707; Oct. 2; Serial No. 177,956; published June 19, 1923.
Burns, Jabez, & Sons, New York, N. Y. Roasters and parts and supplies for same. 174,160; Oct. 9; Serial No. 180.325; published July 17, 1923.
Burns, Jay, Baking Company, Omaha, Nebr. Loaves of wheat bread. 172,811; Sept. 11; Serial No. 168,980; published Apr. 3, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Burns Products Company, Ansonia, Conn. Mechanics' soaps and soap powders. 165,539; Mar. 13; Serial No. 159,917; published June 27, 1922.

Burns, William J., Brooklyn, N. Y. Hair tonic. 176,321; Nov. 20; Serial No. 180,416; published Aug. 14, 1923.

Burnstine, Abraham, Washington, D. C. Watches, clocks, chronometers, and parts for same. 172,802; Sept. 11; Serial No. 172,632; published June 5, 1923.

Burny Bros., Chicago, Ill. Baker's bread. 175,679; Nov. 6.

Burpee, W. Atlee, Company. (See Burpee, W. Atlee, & Co., assignor.)

Burpee, W. Atlee, & Co., Philadelphia, Pa., assignor to W. Atlee Burpee Company. Flower and vegetable seeds. 18,260; renewed Aug. 5, 1920.

Burpee, W. Atlee, Co., Philadelphia, Pa. Vegetable seeds. 170,627; July 17; Serial No. 175,065; published Apr. 24, 1923.

Burpee, W. Atlee, Co., Philadelphia, Pa. Flower seeds. 170,785; July 24; Serial No. 175,066; published Apr. 24, 1923.

Burpee, W. Atlee Co., Philadelphia, Pa. Vegetable, flower, and lawn-grass seeds and bulbs. 170,786; July 24; Serial No. 175,067; published Apr. 24, 1923.

Burrell, D. V., doing business as The Rocky Ford Melon Growers Spray Manufacturing Co., Rocky Ford, Colo. Insecticide. 174,019; Oct. 2; Serial No. 175,297; published July 3, 1923.

Burrell-Dugger Company, Indianapolis, Ind. Pharmaceutical preparation for the treatment of roup, canker, and colds in poultry. 165,713; Mar. 20; Serial No. 168,252; published Dec. 12, 1922.

Burris, John C., Nashville, Tenn. Paint enamels. 172,291; Aug. 28; Serial No. 165,911; published May 29, 1923.

Burrough Bros. Mfg. Co., Cleveland, Ohio. Chemicals, medicines, and pharmaceutical preparations. 164,141; Feb. 13.

Burrough Bros. Mfg. Co., Cleveland, Ohio. Chemicals, medicines, and pharmaceutical preparations. 164,340; Feb. 20.

Burroughs, Harry E., Boston, Mass. Swing couch hammocks. 174,980; Oct. 30; Serial No. 143,533; published Aug. 7, 1923.

Burroughs, Herbert D., Atlanta, Ga. Gasoline. 174,668; Oct. 23; Serial No. 170,751; published July 24, 1923.

Burrow, Alan G., Norfolk, Va. Gasoline and volatile compositions derived from petroleum. 168,148; May 15; Serial No. 172,510; published Feb. 27, 1923.

Bursley, G. E., & Company, Fort Wayne, Ind. Rolled oats, coffee, spaghetti, etc. 176,758; Nov. 27; Serial No. 175,183; published July 31, 1923.

Burson Knitting Company, Rockford, Ill. Hosiery. 164,775; Feb. 27.

Burson Knitting Company, Rockford, Ill. Hosiery. 164,857; Feb. 27.

Burson Knitting Company, Rockford, Ill. Hosiery. 171,297; Aug. 7; Serial No. 165,521; published May 1, 1923.

Burstein-Friedland & Co., Newark, N. J. Boys' blouses and shirts. 176,118; Nov. 20; Serial No. 166,976; published Sept. 11, 1923.

Burt, F. N., Company, Limited, Buffalo, N. Y. Paper boxes. 164,402; Feb. 20.

Burt, F. N., Company Limited, Buffalo, N. Y. Paper boxes. 169,502–3; June 19; Serial No. 159,494–5; published Mar. 20, 1923.

Burton Bros. & Co., New York, N. Y. Cotton piece goods. 167,948; May 8.

Burton Coffee Company, Knoxville, Tenn. Package and canned coffee. 177,236; Dec. 11; Serial No. 181,556; published Sept. 25, 1923.

Burton Coffee Company, Knoxville, Tenn. Package and canned coffee. 177,237; Dec. 11; Serial No. 181,554; published Sept. 25, 1923.

Burton-Dixie Corporation, Chicago, Ill. Cotton batting. 163,031; Jan. 2.

Burton, J. H., & Sons Co. Inc., New York, N. Y. Lumber. 170,194; July 10; Serial No. 173,400; published Apr. 3, 1923.

Busch Products Co. Inc., The, New York, N. Y. Beverages sold as soft drinks and flavors and extracts for making the same. 164,967; Feb. 27.

Bush, W. J., & Co. Inc., New York, N. Y. Toilet water. 167,292–3; Apr. 24.

Bush, W. J., & Co., Inc., New York, N. Y. Toilet water. 170,718–9; July 24; Serial Nos. 173,170–1; published Apr. 24, 1923.

Bussmann Manufacturing Company, St. Louis, Mo. Portable electric lamps. 175,845; Nov. 13; Serial No. 180,746; published Aug. 21, 1923.

Buster Brown Soap Company, Indianapolis, Ind. Soap. 167,600; May 1; Serial No. 169,574; published Jan. 2, 1923.

Busy Bee Candy Company, St. Louis, Mo. Candy and cakes. 174,775; Oct. 23; Serial No. 171,829; published July 31, 1923.

Bu-Ti-Maid Petticoat & Pettipants Co., New York, N. Y. Ladies' undergarments. 166,620; Apr. 10; Serial No. 169,051; published Jan. 2, 1923.

Butler & Clarridge, assignors to William C. Field, Washington, D. C. Remedies for rheumatism, gout, neuralgia, sciatica, and kindred ailments. 23,797; renewed Nov. 7, 1923.

Butler, J. W., Paper Company, Chicago, Ill. Printing, book, and cover papers. 165,322; Mar. 6; Serial No. 169,118; published Nov. 7, 1922.

Butler, J. W., Paper Company, Chicago, Ill. Printing, writing, book, and cover papers. 165,323; Mar. 6; Serial No. 169,119; published Nov. 7, 1922.

Butler, J. W., Paper Company, Chicago, Ill. Printing and writing paper. 165,627; Mar. 13.

Butler, J. W., Paper Company, Chicago, Ill. Paper. 172,922; Sept. 11; Serial No. 177,213; published June 5, 1923.

Butler, J. W., Paper Co., The, Chicago, Ill. Print, book, bond, and writing paper, etc. 174,222; Oct. 9; Serial No. 180,838; published July 10, 1923.

Butler, J. W., Paper Co., The, Chicago, Ill. Papers, bristol board, cardboard. 174,242; Oct. 9; Serial No. 179,926; published July 17, 1923.

Butler, J. W., Paper Company, Chicago, Ill. Book and cover papers and post-card stock. 175,271; Oct. 30.

Butler, J. W., Paper Co., The, Chicago, Ill. Wrapping paper, manila paper, envelopes, print book and document covers. 176,406; Nov. 27; Serial No. 180,839; published Aug. 28, 1923.

Butler, James, New York, N. Y., assignor to James Butler Grocery Company. Tea. 23,941; renewed Dec. 19, 1923.

Butler, James, New York, N. Y., assignor to James Butler Grocery Company. Coffee. 23,944; renewed Dec. 26, 1923.

Butler, James, Grocery Company, New York, N. Y. Birds' food. 170,843; July 24; Serial No. 163,430; published Apr. 3, 1923.

Butler, James, Inc., New York, N. Y. Bread. 171,067; July 31; Serial No. 162,240; published Mar. 27, 1923.

Butler Laboratories, Inc., New York, N. Y. Iron solution for intravenous and intramuscular use. 167,500; May 1; Serial No. 166,521; published Jan. 2, 1923.

Butter, G. A., Co., Milwaukee, Wis. Varnishes, ready-mixed paints. 164,553; Feb. 20.

Butterfield, Fred, & Co. Inc., New York, N. Y. Textile fabric in the piece. 170,339; July 10.

Butterfield, Fred, & Co. Inc., New York, N. Y. Ginghams in the piece. 173,624; Oct. 2; Serial No. 165,343; published July 10, 1923.

Butterick Publishing Company, The, New York, N. Y. Pamphlet published from time to time. 172,081; Aug. 21; Serial No. 176,447; published May 22, 1923.

Butter-Nut Candy Company, Inc., Pittsburgh, Pa. Candies. 169,549; June 19.

Buttersweet Products Corporation, Yonkers, N. Y. Candy. 176,439; Nov. 27; Serial No. 180,580; published Sept. 11, 1923.

Butts, J. F., Co., San Francisco, Calif. Canned vegetables. 173,069; Sept. 11.

Butts, J. F., Co., San Francisco, Calif. Canned fruits and vegetables. 173,923; Oct. 2; Serial No. 178,551; published July 17, 1923.

Buxton, David H., doing business as Buxton Rheumatic Medicine Co., Abbot Village, Me. Compound for treating rheumatism. 175,568; Nov. 6; Serial No. 180,961; published Aug. 21, 1923.

Buxton Garment Mfg. Co., Nashua, N. H. Children's play suits. 168,144; May 15; Serial No. 170,002; published Jan. 30, 1923.

Byck, M. S. and D. A., Co., Savannah, Ga. Tablets and composition books. 163,462; Jan. 16.

Byer & Sons, New York, N. Y. Almonds. 163,290; Jan. 9.

Byer, The House of, Malden, Mass. Waists and hosiery. 166,626; Apr. 10; Serial No. 168,612; published Jan. 9. 1923.

Byers, John F., Machine Company, The, Ravenna, Ohio. Cranes. 174,976; Oct. 30; Serial No. 151,823; published Aug. 14, 1923.

Byers Machine Company, The, Ravenna, Ohio. Cranes mounted on motor trucks. 175,199; Oct. 30; Serial No. 175,068; published Aug. 14, 1923.

Byme Manufacturing Co., Amsterdam, N. Y. Furniture polish. 163,491; Jan. 16.

Byrne, Kingston & Co., Kokomo, Ind. Vacuum feed systems for motor vehicles. 171,896; Aug. 14; Serial No. 171,724; published May 15, 1923.

Byrnes, Eugene, Carmel, Calif. Skates, baseballs, bats, etc. 177,446; Dec. 18; Serial No. 182,130; published Oct. 2, 1923.

Byrnes-Linn Products Co., Chicago, Ill. Polish for automobiles and painted, varnished, and lacquered surfaces. 169,445; June 19; Serial No. 172,860; published Mar. 20, 1923.

Byron Weston Company, Dalton, Mass. Writing paper. 169,355; June 12; Serial No. 172,142; published Mar. 27. 1923.

C & B Battery Company, Chicago, Ill. Storage batteries and parts thereof. 164,707; Feb. 27.

C. & B. Rice Mills, Glenn County, Calif. Natural brown rice. 169,042; June 5; Serial No. 155,667; published Dec. 19, 1922.

C. B. C. Film Sales Corporation, New York, N. Y. Motion pictures. 175,030; Oct. 30; Serial No. 179,025; published Aug. 14, 1923.

C. E. Z. Company, The, Chicago, Ill. House numbers, changeable window display signs, and sign reflectors. 172,136; Aug. 21; Serial No. 176,449; published May 29, 1923.

C. G. Spring Company, The, Kalamazoo, Mich. Bumpers. 174,590–2; Oct. 23; Serial Nos. 179,705–7; published July 17, 1923.

C-O-D Cereal Co. (See Gillitt, Fred. C.)

C-R Millinery Co., Chicago, Ill. Misses' and ladies' hats. 170,432; July 17; Serial No. 171,905; published Apr. 10, 1923.

C & T Importing Company, San Francisco, Calif. Tea. 171,185; July 31; Serial No. 171,984; published May 15, 1923.

C. V. & R. Batigne, New York, N. Y. Positive projection slides and motion-picture films. 174,490; Oct. 16; Serial No. 176,664; published July 24, 1923.

C. & W. Cap Company, Nevada, Iowa. Caps and closures for receptacles and containers. 175,126; Oct. 30; Serial No. 180,688; published Aug. 7, 1923.

Cabana, Oliver, jr., Buffalo, N. Y. Glue for mending china, glass, leather, etc. 23,406; renewed July 25, 1923.

Cabarrus Cotton Mills, Kannapolis, N. C. Cotton piece goods, sheets, pillow cases. 175,708; Nov. 6.

Cabarrus Cotton Mills, Kannapolis, N. C. Cotton piece goods, sheets, pillowcases. 176,096; Nov. 13.

Cabco Iron Works, Inc., Gowanda, N. Y. Gas steam radiators. 167,412; May 1; Serial No. 168,447; published Jan. 23, 1923.

Cabinet Milling Co. (See Sanders, Edw. G.)

Cable-Draper Baking Company, Detroit, Mich. Cake. 166,163; Mar. 27; Serial No. 153,586; published Nov. 7, 1922.

Cable, John E., doing business as Edison Rubber Co., Akron, Ohio. Slabs and sheets of rubber composition material particularly for shoe soles. 169,225; June 12; Serial No. 160,660; published Aug. 15, 1922.

Cable-Nelson Piano Company, Chicago, Ill. Pianos and player pianos. 170,960; July 24.

Cabot, Godfrey L., Inc., Boston, Mass. Carbon black. 170,757; July 24; Serial No. 176,071; published Apr. 24, 1923.

Cabot, Godfrey L., Inc., Boston, Mass. Carbon black. 170,771; July 24; Serial No. 176,070; published Apr. 24, 1923.

Cabot, Godfrey L., Inc., Boston, Mass. Carbon black. 170,778; July 24; Serial No. 176,067; published Apr. 24, 1923.

Cabot, Godfrey L., Inc., Boston, Mass. Carbon black. 170,779; July 24; Serial No. 176,069; published Apr. 24, 1923.

Cabot, Godfrey L., Inc., Boston, Mass. Carbon black. 174,488; Oct. 16; Serial No. 176,065; published July 17, 1923.

Cabot, Godfrey L., Inc., Boston, Mass. Carbon black 176,012; Nov. 13; Serial No. 176,068; published Sept. 4, 1923.

Cabot, Samuel, Inc., Boston, Mass. White covering composition applied like paint. 165,808; Mar. 20; Serial No. 167,459; published Dec. 26, 1922.

Cabrelli, Maria, and Baldassare Mirabile, New York, N. Y. Cigars. 176,825; Dec. 4; Serial No. 182,293; published Sept. 25, 1923.

Cabrera, G. M., doing business as Cabrera & Co., New York, N. Y. Chocolate. 170,657; July 17; Serial No. 168,511; published Apr. 17, 1923.

Cactus Crystal Company, Dover, Del., and Fort Worth, Tex. Candy. 171,173; July 31; Serial No. 171,449; published Mar. 27, 1923.

Cadet Knitting Co., Philadelphia, Pa. Knitted sweaters. 163,032; Jan. 2.

Cadet Knitting Company, Philadelphia, Pa. Sweater coats. 174,586; Oct. 23; Serial No. 180,417; published July 24, 1923.

Cadet Knitting Company, Philadelphia, Pa. Sweater coats. 176,249; Nov. 20; Serial No. 180,652; published Sept. 4, 1923.

Cadick Milling Company, Grandview, Ind. Wheat flour. 172,491; Aug. 28.

Cadmus Products Company, Bayonne, N. J. Bake pots. 164,552; Feb. 20.

Cadwallader Gibson Lumber Co., Manila, P. I.; San Francisco, Calif.; and New York, N. Y. Logs. 171,564–5; Aug. 7; Serial Nos. 174,299–300; published May 22, 1923.

Cafe L'Aiglon. (See Patton, John G.)

Cahill & Malone, doing business as Everite Patch Company, Toledo, Ohio. Tire-repair compounds, adhesives, etc. 174,205; Oct. 9; Serial No. 179,708; published July 10, 1923.

Cairo Food Products Company, Cairo, Ill. Chocolate-covered ice-cream bar. 165,514; Mar. 13; Serial No. 163,326; published Dec. 12, 1922.

Cairo Food Products Company, Cairo, Ill. Chocolate-covered ice-cream bar. 165,660; Mar. 20; Serial No. 163,325; published Dec. 12, 1922.

Cairo Food Products Company, Cairo, Ill. Chocolate-covered ice-cream bar. 166,507; Apr. 3; Serial No. 163,328; published Jan. 9, 1923.

Cairo Food Products Company, Cairo, Ill. Chocolate-covered ice-cream bar. 166,867; Apr. 17; Serial No. 163,327; published Dec. 19, 1922.

Caladero Products Company, Atascadero, Calif. Dehydrated apricot jam, peach jam, vegetable soups, etc. 170,848; July 24; Serial No. 164,695; published Mar. 27, 1923.

Calajoe, Anthony J., New York, N. Y. Hair grower. 176,244; Nov. 20; Serial No. 176,162; published Aug. 7, 1923.

Calcium Products, Incorporated, Chicago, Ill., assignor to Pepsodent Company. Antiseptic, astringent, and deodorizing lotion. 174,022; Oct. 2; Serial No. 176,322; published June 19, 1923.

Calcorganic Laboratories. (See Holm, J. Henry.)

Caldwell & Company, Nashville, Tenn. Booklets and bonds. 173,802; Oct. 2; Serial No. 173,562; published June 3, 1923.

Caldwell Importing Co., The, assignor to Nash Coffee Company, Minneapolis, Minn. Roasted coffee. 165,953; Mar. 27; Serial No. 149,171; published Dec. 12, 1922.

Caldwell, Joseph B., Washington, D. C. Fine lubricating oil. 164,527; Feb. 20.

Caldwell, W. A., Camino, Calif. Fresh deciduous fruits. 173,840; Oct. 2; Serial No. 169,236; published July 3, 1923.

Caldwell, William, New York, N. Y. Dolls, rubber dolls, balloons, squawkers. 175,590; Nov. 6; Serial No. 179,709; published Aug. 21, 1923.

Calhoun, Robbins & Co., New York, N. Y. Hair, tooth, nail, and cloth brushes, whisk brooms, etc. 168,038; May 15; Serial No. 172,203; published Feb. 20, 1923.

Calhoun, Robbins & Co., New York, N. Y. Beaded bags, soap boxes, wash-rag cases, cretonne bags, etc. 168,039; May 15; Serial No. 172,205; published Feb. 20, 1923.

Calhoun, Robbins & Co., New York, N. Y. Pocketbooks, purses, cardcases, tourists' cases, bill books, etc. 168,428; May 22; Serial No. 172,204; published Feb. 20, 1923.

Calhoun, Robbins & Co., New York, N. Y. Hot water bottles, rubber gloves, thermometers, rubber sheets, etc. 168,729; May 29; Serial No. 172,210; published Feb. 13, 1923.

Calhoun, Robbins & Co., New York, N. Y. Writing paper, envelopes, pens, pencils, paper tags, etc. 168,863; May 29; Serial No. 172,206; published Mar. 6, 1923.

Calhoun, Robbins & Co., New York, N. Y. Hose supporters, garters, belts, etc. 170,729; July 24; Serial No. 172,201; published Apr. 24, 1923.

Calhoun, Robbins & Co., New York, N. Y. Buckles, thimbles, bracelets, etc. 172,008; Aug. 21; Serial No. 172,208; published May 8, 1923.

Calhoun, Robbins & Co., New York, N. Y. Hair tonics, smelling salts, witch-hazel, peroxide, etc. 172,514; Sept. 4; Serial No. 172,207; published May 29, 1923.

California Alfalfa Products Company, Pasadena, Calif. Beverage sold as a soft drink and sirups and extracts for making same. 172,239; Aug. 28; Serial No. 175,299; published May 29, 1923.

California Alfalfa Products Company, Pasadena, Calif. Medicine in tablet form. 176,195; Nov. 20; Serial No. 158,221; published Apr. 3, 1923.

California Almond Growers Exchange, San Francisco, Calif. Almonds. 175,296; Nov. 6; Serial No. 157,024; published May 8, 1923.

California Almond Growers Exchange, San Francisco, Calif. Almonds. 175,313; Nov. 6; Serial No. 157,025; published May 8, 1923.

California Almond Packers, Inc., Sacramento and North Sacramento, Calif. Salted almonds. 174,630; Oct. 23; Serial No. 179,585; published July 31, 1923.

California Aroma Co., Los Angeles, Calif. Chili, pepper and chili powder. 175,304; Nov. 6; Serial No. 165,527; published Aug. 14, 1923.

California Associated Raisin Co. (now by change of name Sun Maid-Raisin Growers), Fresno, Calif. Raisins and candy. 175,312; Nov. 6; Serial No. 157,758; published Aug. 14, 1923.

California Bakery Company, Bisbee, Ariz. Bread. 175,812; Nov. 13; Serial No. 153,076; published Aug. 14, 1923.

California Barrel Co., San Francisco, Calif. Wooden containers and shooks therefor. 172,263; Aug. 28; Serial No. 176,946; published May 29, 1923.

California Bottling Association, San Francisco, Calif. Alkaline nonpurgative table water. 177,784; Dec. 25; Serial No. 183,694; published Oct. 9, 1923.

California By-Products Co., San Francisco, Calif. Waterproofing composition for application to tennis-racket strings. 175,479; Nov. 6; Serial No. 179,514; published Aug. 21, 1923.

California Canneries Co., San Francisco, Calif. Canned fruits and vegetables. 174,894; Oct. 23; Serial No. 178,221; published Aug. 14, 1923.

California Card Manufacturing Co., San Francisco, Calif. Photographic mountings. 170,633; July 17; Serial No. 175,340; published Apr. 17, 1923.

California Central Creameries, San Francisco, Calif. Products consisting of milk solids to be used as a tonic for poultry and hogs. 163,291; Jan. 9.

California Central Creameries, San Francisco, Calif. Compound having adhesive qualities. 176,407; Nov. 27; Serial No. 180,840; published Sept. 11, 1923.

Alphabetical list of registrants of trade-marks—Continued.

California Citrus Fruit Juice Company, Wilmington, Del., and San Francisco, Calif. Nonalcoholic, maltless, concentrated fruit juices. 171,155; July 31; Serial No. 176,163; published May 1, 1923.

California Co-Operative Canneries, San Jose, Calif. Canned fruits and vegetables. 163,292–3; Jan. 9.

California Co-Operative Canneries, San Jose, Calif. Canned fruits and vegetables. 163,556; Jan. 23.

California Co-Operative Canneries, San Jose, Calif. Canned fruits and vegetables. 164,047; Feb. 13.

California Co-Operative Canneries, San Francisco, Calif. Canned fruits and vegetables. 175,194; Oct. 30; Serial No. 175,844; published Aug. 7, 1923.

California Cotton Oil Company, Los Angeles, Calif. Cottonseed cake and meal, salad and psy oils. 167,068; Apr. 24; Serial No. 158,293; published Nov. 7, 1922.

California Fruit Growers Exchange, Los Angeles, Calif. Citrous fruits in their natural state. 176,732; Nov. 27; Serial No. 173,621; published Sept. 4, 1923.

California Fruit Selling Company, San Francisco, Calif. Dried and canned fruits. 163,425; Jan. 9.

California Fruit Selling Company, San Francisco, Calif. Dried and canned fruits. 167,700; May 8; Serial No. 165,667; published Feb. 13, 1923.

California Fruit Selling Company, San Francisco, Calif. Dried and canned fruits. 168,529; May 22.

California Glove Company, Napa, Calif. Leather gloves. 177,125; Dec. 11; Serial No. 181,337; published Sept. 11, 1923.

California Growers Association, Inc., Los Angeles, Calif. Canned and dried fruits, canned tomatoes, olives, jams, and olive oil. 166,193; Mar. 27; Serial No. 161,970; published Nov. 28, 1922.

California Growers Association, Inc., Los Angeles, Calif. Canned fruits and vegetables, olives, olive-oil. 170,910; July 24; Serial No. 148,579; published Nov. 29, 1921.

California Growers Association, Inc., Los Angeles, Calif. Canned fruits and canned vegetables, jams, preserves, dried fruits, etc. 171,252; July 31; Serial No. 169,844; published May 15, 1923.

California and Hawaiian Sugar Refining Corporation, San Francisco, Calif. Sugar. 176,120; Nov. 20; Serial No. 165,352; published Sept. 4, 1923.

California Jely-Juce Company. (See Hulburt, H. L.)

California Packing Corporation, San Francisco, Calif. Canned cooked prunes. 164,057; Feb. 13.

California Paint Company, Oakland, Calif. Paints and paint enamels. 168,506; May 22.

California Paint Company, Oakland, Calif. Colors, varnish, stain, paints, etc. 169,659; June 26; Serial No. 166,812; published Mar. 27, 1923.

California Physicians Laboratories, Oakland, Calif. Bacterial sugar used in the treatment of various pulmonary diseases. 177,758; Dec. 25; Serial No. 177,725; published Oct. 9, 1923.

California Preserving Company, Los Angeles, Calif. Canned fruit and vegetables, jams, jellies, etc. 177,044; Dec. 11; Serial No. 180,518; published Sept. 25, 1923.

California Products & Extract Co., San Francisco, Calif. Nonintoxicating, nonalcoholic, noncereal, maltless fruit beverage and sirups for same. 175,418; Nov. 6; Serial No. 160,393; published May 16, 1922.

California Prune & Apricot Growers Association. (See California Prune and Apricot Growers, Inc., assignor.)

California Prune and Apricot Growers, Inc., assignor to California Prune & Apricot Growers Association, San Jose, Calif. Dried fruits. 168,564; May 29; Serial No. 166,650; published Feb. 27, 1923.

California Prune & Apricot Growers, Inc., assignor to California Prune & Apricot Growers Association, San Jose, Calif. Salad and cooking oils, macaroon paste, and crystallized fruit candies, etc. 176,727; Nov. 27; Serial No. 172,932; published Aug. 21, 1923.

California Supply Company, Inc., San Francisco, Calif. Sweet pickles, tomato catchup, cider vinegar, etc. 165,441; Mar. 13; Serial No. 165,346; published Jan. 2, 1923.

California Table Fruit Co., Reedley, Calif. Fresh grapes. 174,311; Oct. 9.

California Underwear and Hosiery Mills, doing business as California Underwear Mills, Los Angeles, Calif. Ladies' knit underwear. 168,387; May 22; Serial No. 169,616; published Feb. 20, 1923.

California Underwear and Hosiery Mills, doing business as California Underwear Mills, Los Angeles, Calif. Ladies' knit underwear. 171,255; July 31; Serial No. 169,619; published May 1, 1923.

California Underwear and Hosiery Mills, also doing business as California Underwear Mills, Los Angeles, Calif. Ladies' knit underwear. 171,739; Aug. 14; Serial No. 169,618; published May 8, 1923.

California Underwear Mills. (See California Underwear and Hosiery Mills.)

California Wall Bed Company, San Francisco, Calif. Concealable beds. 175,144; Oct. 30; Serial No. 180,326; published Aug. 7, 1923.

Callard & Bowser, assignor to Callard & Bowser, Ltd., London, England. Candies and sweetmeats. 24,507; renewed Apr. 10, 1924.

Callidendron Mfg. & Chemical Corp., Brooklyn, N. Y. Polishing creams for painted, varnished, and lacquered surfaces. 166,467; Apr. 3; Serial No. 168,824; published Jan. 9, 1923.

Callon, Garin & Heveron, Inc., Rochester, N. Y. Cigars. 164,999; Feb. 27.

Callow, Horace F., doing business as Kekionga Scalp Tonic Company, Decatur, Ind. Medical compounds used to cleanse the scalp, etc. 175,905; Nov. 13; Serial No. 178,426; published Aug. 21, 1923.

Cal-Met Mfg. Co., Oakland, Calif. Sheet-metal products. 177,740; Dec. 25; Serial No. 161,034; published Oct. 9, 1923.

Calso Honey Distributors. (See Southworth, W. P.)

Calumet Oil Company, El Paso, Tex. Petroleum lubricants. 163,800; Jan. 30.

Calverley, Charles D., doing business as C. D. Calverley & Co., East St. Louis, Ill. 172,984; Sept. 11; Serial No. 174,064; published June 5, 1923.

Calvert, Howard R., Medina, Ohio. Shoe and leather polishes. 173,757; Oct. 2; Serial No. 177,358; published June 5, 1923.

Cambridge Rubber Company, Cambridge, Mass. Footwear—namely, boots and shoes of rubber, canvas, leather, etc. 166,263; Mar. 27; Serial No. 165,230; published Nov. 14, 1922.

Camel Chemical Co. Inc., Portland, Oreg. Battery solution. 174,941–2; Oct. 30; Serial Nos. 178,821–2; published July 24, 1923.

Cameron, Viola R., New York, N. Y. Fuel-treating devices to be installed in the path of internal-combustible mixtures in internal-combustion engines. 166,678; Apr. 10; Serial No. 170,260; published Jan. 9, 1923.

Cameron, Will J., doing business as Cameron's Surgical Specialty Co., Chicago, Ill. Outfit of surgical and dental appliances. 169,893; July 3; Serial No. 160,928; published Mar. 27, 1923.

Cameron, Wm., & Co. Inc., Waco, Tex. Locks, door and sash bolts. 165,565; Mar. 13; Serial No. 157,601; published Dec. 19, 1922.

Camilla Preparations, Inc., New York, N. Y. Reducing cream. 174,945; Oct. 30; Serial No. 178,893; published July 24, 1923.

Camlin Corset Co., Inc., New York, N. Y. Corsets and brassières. 170,386; July 17; Serial No. 170,620; published Apr. 10, 1923.

Cammeyer, New York, N. Y. Leather shoes. 168,264; May 15; Serial No. 170,272; published Feb. 27, 1923.

Cammeyer, New York, N. Y. Shoes. 176,262–3; Nov. 20; Serial Nos. 178,327-8; published Aug. 28, 1923.

Camors, J. B., & Company Inc., New Orleans, La. Wheat flour. 166,716; Apr. 10; Serial No. 155,160; published Aug. 1, 1922.

Camp, S. H., & Company, Jackson, Mich. Abdominal belts, corsets, girdles, braces, etc. 173,576; Sept. 25.

Campbell, Andrew C., Incorporated, Waterbury, Conn. Machines for cutting sheet metal. 171,567; Aug. 7; Serial No. 173,912; published May 1, 1923.

Campbell Baking Company, Wilmington, Del., and Kansas City, Mo. Cake. 165,278; Mar. 6; Serial No. 154,076; published Nov. 7, 1922.

Campbell, John B., Philadelphia, Pa. Water wheels. 176,043; Nov. 13; Serial No. 180,046; published Sept. 4, 1923.

Campbell, John, & Co., New York, N. Y. Aniline dyes. 165,487; Mar. 13; Serial No. 166,284; published Nov. 7, 1922.

Campbell, Joseph, Company, Camden, N. J. Spaghetti. 166,870–1; Apr. 17; Serial Nos. 162,606–7; published Feb. 6, 1923.

Campbell Manufacturing Co., The, Rochester, N. Y. Patching paste. 174,883; Oct. 23; Serial No. 181,631; published July 31, 1923.

Campe Corporation, New York, N. Y. Hosiery and knitted underwear. 176,475; Nov. 27; Serial No. 181,109; published Sept. 18, 1923.

Campe-Davis-Blair Co. Inc., New York, N. Y. Women's and girls' stockings and hosiery. 173,259; Sept. 18; Serial No. 175,462; published June 12, 1923.

Campe-Davis-Blair Co. Inc., New York, N. Y. Hosiery, socks, stockings, and underwear. 176,558; Nov. 27; Serial No. 180,747; published Sept. 18, 1923.

Campfire Manufacturing Company, St. Louis, Mo. Devices for supporting cooking utensils, etc., over an open fire. 174,103; Oct. 2; Serial No. 155,737; published July 3, 1923.

Canadian Consolidated Corporation, Limited, St. Catharines, Ontario, Canada. Copper-clad leading-in wire for electrical purposes. 177,741; Dec. 25; Serial No. 160,860; published Oct. 19, 1923.

Canepa, John B., Company, The, Chicago, Ill. Noodles and cut and twisted alimentary paste products. 168,574; May 29; Serial No. 167,166; published Feb. 27, 1923.

Canfield Rubber Company, The, Bridgeport, Conn., and New York, N. Y. Dress shields. 24,208; renewed Feb. 13, 1924.

Canfield Rubber Company, The, Bridgeport, Conn. Adhesive insulating tape. 164,389; Feb. 20.

Canfield Rubber Company, The, Bridgeport, Conn. Adhesive tape. 164,844; Feb. 27.

Canfield Rubber Company, The, Bridgeport, Conn. Rubber splices and strips and adhesive tape. 171,960; Aug. 14.

Canfield Rubber Company, The, Bridgeport, Conn. Dress shields. 172,290; Aug. 28; Serial No. 166,292; published May 15, 1923.

Canfield Rubber Company, The, Bridgeport, Conn. Barber bibs and shampoo protectors. 173,075; Sept. 11.

Cangen, Mark, doing business as M. Cangen & Co., Brooklyn, N. Y. Steel shoe shanks. 166,852; Apr. 17; Serial No. 165,272; published Jan. 16, 1923.

Can-Ho-Lab. Chemical Co., New Orleans, La. Insecticide and germicide. 171,091; July 31; Serial No. 173,401; published Apr. 24, 1923.

Cannon, Addis O., doing business as Cannon Toy Factory, Kent, Ohio. Toy wagons. 170,370; July 17; Serial No. 174,053; published Apr. 10, 1923.

Cannon Oiler Company, The, Keithsburg and Monmouth, Ill. Oiler oil cans. 165,779; Mar. 20; Serial No. 158,562; published Apr. 25, 1922.

Cannon Toilet Manufacturing Co., The, St. Paul, Minn. Face and hand lotions, face creams, and hair pomades. 175,484; Nov. 6; Serial No. 178,330; published Aug. 14, 1923.

Cannon Valley Milling Company, Minneapolis, Minn. Wheat flour. 177,036; Dec. 11; Serial No. 159,142; published Mar. 20, 1923.

Canode, Charles H., doing business as Rhumacine Medicine Company, Chicago, Ill. Medicinal preparation for the treatment of rheumatism and lumbago. 164,418; Feb. 20.

Cape County Milling Co., Jackson, Mo. Wheat feed, shorts, and corn meal. 176,591; Nov. 27; Serial No. 179,182; published Sept. 18, 1923.

Cape County Milling Company, Jackson, Mo. Self-rising flour. 165,290; Mar. 6; Serial No. 152,313; published Nov. 14, 1922.

Canson & Montgolfier. (See Boulin, Camille H.)

Canton Cutlery Co., The, assignor to The Canton Cutlery Company, Canton, Ohio. Pocket cutlery and razors. 19,480; renewed May 12, 1921.

Canton Forge & Axle Company, Canton, Ohio. Steel forgings, rail anchors, rail-anchor springs, and railroad switch clamps. 173,096; Sept. 18; Serial No. 177,215; published June 19, 1923.

Canton Forge & Axle Company, Canton, Ohio. Tools, and particularly rail-anchor wrenches. 174,639; Oct. 23; Serial No. 181,059; published July 31, 1923.

Cantrell & Cochrane, Limited, Dublin, Ireland. Beverages sold as soft drinks. 177,370; Dec. 18; Serial No. 181,672; published Oct. 2, 1923.

Canvas Products Company, St. Louis, Mo. Tents, tarpaulins, wagon covers, etc. 170,690–1; July 17.

Canvas Products Company, St. Louis, Mo. Tents, tent flies, tarpaulins, binder covers, etc. 171,907; Aug. 14.

Canvas Products Company, St. Louis, Mo. Tents, tarpaulins, wagon covers, etc. 174,720; Oct. 23; Serial No. 174,065; published July 17, 1923.

Canvas Products Company, St. Louis, Mo. Tents, tarpaulins, wagon covers, etc. 174,721; Oct. 23; Serial No. 174,068; published July 17, 1923.

Canvas Products Company, St. Louis, Mo. Grass catchers. 177,394; Dec. 18; Serial No. 181,376; published Oct. 2, 1923.

Capcoss Co., Inc., The, Martinsville, Va. Medicinal preparation recommended for use in the treatment of rheumatic, neuritic, and sciatic affections, etc. 175,133; Oct. 30; Serial No. 180,583; published Aug. 7. 1923.

Capdau, Hippolyte E., New Orleans, La. Salve for the treatment of catarrh, sore throat, croup, etc. 170,165; July 10; Serial No. 169,888; published Apr. 3, 1923.

Cape Cod United Products Co., Inc., Hyannis, Mass. Artificial pearls. 170,961; July 24.

Capell Salt Company, Salt Lake City, Utah. Salt. 168,014; May 8.

Capell Salt Company, Salt Lake City, Utah. Salt. 173,201; Sept. 18; Serial No. 172,974; published June 26, 1923.

Capen, George H., doing business as Crow Blacking Co., Canton Junction, Mass. Shoe polish. 167,730; May 8; Serial No. 155,394; published Jan. 23, 1923.

Capen, George H., doing business as Crow Specialties Company, Canton Junction, Mass. Hat dye. 168,065; May 15; Serial No. 171,350; published Feb. 20, 1923.

CaPhenin Chemical Company, Waverly, Iowa. Laxative wafer. 172,703; Sept. 11; Serial No. 175,768; published May 29, 1923.

Capital City Bottling Company. (See Eisenberg, M. L.)

Capital City Chair Company, Atlanta, Ga. Fiber household furniture. 164,028; Feb. 6.

Capital City Oil Company. (See Van Druff, Leonard E.)

Capital Rodewite Company, Incorporated, South Washington, Va. Compositions for use as adhesives for wood and similar types of blocks laid on flooring or paving. 175,888; Nov. 13; Serial No. 180,653; published Sept. 4, 1923.

Capitol Chemical Company, Somerville, Mass. Stove polish. 173,628; Oct. 2; Serial No. 162,721; published July 10, 1923.

Capitol Coffee Company. (See Danna, Frank.)

Capitol Hat Frame Works, Des Moines, Iowa. Hat frames. 170,389; July 17; Serial No. 170,807; published Apr. 3, 1923.

Capitol Sales Company, Memphis, Tenn. Liniment for the treatment of stiff and sore muscles, rheumatic pains, etc. 177,029; Dec. 11; Serial No. 163,500; published Feb. 20, 1923.

Capitola Tonic Comb Co., New York, N. Y. Fountain combs capable of containing a liquid for passage through the hair. 169,827; July 3; Serial No. 173,463; published Apr. 3, 1923.

Caplan, Joseph, doing business as Ladoré Perfumery Co., New York, N. Y. Liquid complexion powder, hair tonic, astringent shampoo, skin tonic and lotion. 164,429; Feb. 20; Serial No. 163,739; published Oct. 10, 1922.

Caplan, Joseph, doing business as Laforé Perfumery Co., New York, N. Y. Lemon cream, brilliantine, freckle cream, rouge, etc. 177,294; Dec. 18; Serial No. 175,131; published Sept. 25, 1923.

Car-Dumper & Equipment Co., Chicago, Ill. Self-dumping cages for cars, car control equipment, etc. 176,819; Nov. 27.

Caradine Harvest Hat Company, St. Louis, Mo. Straw hats. 172,283; Aug. 28; Serial No. 168,999; published May 29, 1923.

Carametos, John J. M., doing business as E. B. Candy Co., Chicago, Ill. Candy bars. 173,188; Sept. 18; Serial No. 168,513; published June 26, 1923.

Carbide & Carbon Chemicals Corporation, New York, N. Y. Lubricants particularly intended for use in refrigerating machines. 170,324; July 10; Serial No. 175,710; published Apr. 3, 1923.

Carbondale Machine Company, Carbondale, Pa. Refrigerating and ice-making plants, apparatus and machines and parts and accessories thereof. 172,204; Aug. 28; Serial No. 172,637; published May 29, 1923.

Carbo-Sul Corporation, New York, N. Y. Insecticides. 172,226; Aug. 28; Serial No. 174,609; published May 15, 1923.

Card-Martin Company, Jellico, Tenn. Beverages sold as soft drinks and sirups for making the same. 163,426–7; Jan. 9.

Cardenas, Adolfo N., San Antonio, Tex. Pomade for use in the treatment of rheumatism, headache, neuralgia, etc. 164,128; Feb. 13.

Cardenas, Adolfo N., San Francisco, Calif. Chemicals, medicines, and pharmaceutical preparations. 164,315; Feb. 20.

Cardenas, Adolfo N., San Antonio, Tex. Pomade for use in the treatment of rheumatism, headache, sprains, etc., colic and diarrhoea mixture, blackberry-root carminative compound, etc. 165,547; Mar. 13; Serial No. 148,975; published Nov. 7, 1922.

Cardilli, Nicholas, New York, N. Y. Perforated music rolls. 175,848; Nov. 13; Serial No. 180,584; published Aug. 21, 1923.

Cardinell, John D., doing business as Cardinell Vellum Mfg. Co., Montclair, N. J. Tracing paper. 173,465–6; Sept. 25; Serial Nos. 179,712–3; published June 19, 1923.

Cardinet Candy Co., Oakland, Calif. Candy. 166,076; Mar. 27; Serial No. 159,243; published Dec. 19, 1922.

Cardinet Candy Company, Oakland, Calif. Candy. 175,253; Oct. 30.

Cardinet Candy Company, Oakland, Calif. Candy. 175,835; Nov. 13; Serial No. 181,878; published Sept. 4, 1923.

Carel, Hubert C., doing business as The Benetol Company, Minneapolis, Minn. Pharmaceutical preparations. 172,365; Aug. 28; Serial No. 163,859; published May 15, 1923.

Careskey, James L., Louisville, Ky. Monthly magazine. 171,755; Aug. 14; Serial No. 162,918; published May 1, 1923.

Carey Printing Company, Inc., The, New York, N. Y. Diaries. 165,535; Mar. 13; Serial No. 159,342; published Dec. 19, 1922.

Carey Salt Co., The, Hutchinson, Kans. Table salt. 165,661; Mar. 20; Serial No. 166,986; published Dec. 12, 1922.

Carey Salt Co., The, Hutchinson, Kans. Salt. 173,541; Sept. 25.

Carey Salt Company, The, Hutchinson, Kans. Salt. 163,674; Jan. 23.

Carey Salt Company, The, Hutchinson, Kans. Medium salt for meat curing and general use. 167,399; May 1; Serial No. 166,653; published Jan. 2, 1923.

Carl Company, The, Schenectady, N. Y. Cotton piece goods, linen piece goods, and toweling. 177,366; Dec. 18; Serial No. 181,813; published Sept. 25, 1923.

Carleton Dry Goods Company, St. Louis, Mo. Shirts, nightgowns, and pyjamas. 174,585; Oct. 23; Serial No. 180,585; published July 24, 1923.

Carley, Leonard R., Watertown, Conn. Talcum, face powder, foot powder, cold cream, vanishing cream, etc. 163,033; Jan. 2.

Carley, Leonard R., Watertown, Conn. Cigars, cigarettes, smoking and chewing tobacco. 163,034; Jan. 2.

Carley, Leonard R., Watertown, Conn. Lubricating, automobile, and machine oils and lubricating greases. 168,714; May 29; Serial No. 160,587; published Mar. 13, 1923.

Carley, Leonard R., Watertown, Conn. Varnish stains, ready-mixed paste, or dry fillers and paints. 177,511; Dec. 18; Serial No. 160,588; published Oct. 2, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Carlisle Tire Corporation, Stamford, Conn. Pneumatic vehicle tires. 169,736; June 26.
Carl-O-Radiant Sales Co. (See Erickson, Carl O.)
Carlson, Grace, St. Paul, Minn. Bibs. 175,731; Nov. 13; Serial No. 179,029; published Aug. 28, 1923.
Carlton Mills Co., The, Philadelphia, Pa. Astrakhan cloth in the piece. 164,211; Feb. 13.
Carmel Canning Co., San Francisco, Calif. Canned fish. 171,630; Aug. 7; Serial No. 176,323; published May 22, 1923.
Carmen Manufacturing Company, Chicago, Ill. Brassières. 166,207; Mar. 27; Serial No. 169,237; published Jan. 2, 1923.
Carmichael, Homer S., doing business as The International Canning Co., Belize, British Honduras, Central America. Canned lobster and tropical fruits. 170,592; July 17; Serial No. 148,126; published Oct. 31, 1922.
Carnation Stock Farms, Seattle, Wash. Live cattle of stock farms. 168,862; May 29; Serial No. 172,795; published Mar. 13, 1923.
Carneal, Edwin E., New Orleans, La. Beverage sold as a soft drink. 173,944; Oct. 2; Serial No. 179,354; published July 10, 1923.
Carnegie Steel Company, Pittsburgh, Pa. Rolled-metal beams, and rolled-metal channels and angles. 165,082; Mar. 6; Serial No. 158,757; published Oct. 17, 1922.
Carney, Linwood S., Boston, Mass. Nonalcoholic, maltless vegetable extract for soft-drink purposes. 174,865; Oct. 23; Serial No. 180,467; published July 31, 1923.
Carnotite Gland Extract Company. (See McMichael, Americus O.)
Carnrick, G. W., Co., New York, N. Y. Medicinal preparations for the treatment of glandular deficiency. 170,415; July 17; Serial No. 173,127; published Apr. 10, 1923.
Carnrick, G. W., Co., New York, N. Y. Medicinal preparation. 175,486; Nov. 6; Serial No. 178,089; published Aug. 28, 1923.
Carolina Cotton & Woolen Mills Company, The, Spray, N. C. Cotton blankets. 175,180–1; Oct. 30; Serial No. 181,243–4; published Aug. 14, 1923.
Carolina Creamery Co., Asheville, N. C. Ice cream and butter. 170,710; July 24; Serial No. 149,504; published Mar. 20, 1923.
Carolina Milling Company, Inc., Dillon, S. C. Scratch feed, poultry mash, chick feed, poultry feed, horse feed, etc. 165,092; Mar. 6; Serial No. 155,048; published Nov. 7, 1922.
Carolina Remedies Company, Union, S. C. Coconut-oil shampoo. 165,871; Mar. 20; Serial No. 168,872; published Nov. 28, 1922.
Carolina Remedies Company, Union, S. C. Egg producer and poultry tonic. 172,696; Sept. 11; Serial No. 177,272; published Apr. 17, 1923.
Caron Corporation. (See Daltroff, E., & Cie., assignor.)
Carpenter Chemical Company, Inc., New York, N. Y. Chemical preparation used to treat silk. 167,743; May 8; Serial No. 169,473; published Jan. 9, 1923.
Carpenter Cook Company. (See Cook, Charles I.)
Carpenter-Dodge Company, Arlington, Mass. Nails. 177,256; Dec. 11; Serial No. 184,065; published Sept. 25, 1923.
Carpenter-Morton Company, Boston, Mass. Liquid paints, varnishes, varnish stains. 163,463; Jan. 16.
Carpenter Shoe Company, Inc., The, Rochester, N. Y. Leather boots and shoes. 166,081; Mar. 27; Serial No. 158,917; published Nov. 14, 1922.
Carpenter, Walter M., doing business as Kluk Chemical Co., Minneapolis, Minn. Medicinal tablets for the prevention and treatment of cholera, etc., in fowls. 177,207; Dec. 11; Serial No. 179,412; published Sept. 18, 1923.
Carr, Edward G., Chicago, Ill. Earth cutting and planing machine. 175,823; Nov. 13; Serial No. 162,333; published Aug. 28, 1923.
Carr, F. S., Company, Boston, Mass. Waterproof automobile and carriage fabric. 172,267; Aug. 28; Serial No. 177,273; published May 29, 1923.
Carr, L. M. (See Rathburn, Silas E.)
Carran, Grace B., doing business as Central Petroleum Company, Cleveland, Ohio. Lubricating oils and greases. 173,468; Sept. 25; Serial No. 179,927; published June 26, 1923.
Carroll, J. Pratt, Inc., doing business as Sebastian Packing Co., New York, N. Y. Fresh grapefruit, oranges, tangerines, pineapples, limes, etc. 172,289; Aug. 28; Serial No. 166,347; published May 29, 1923.
Carroll, John A., doing business as Liquid Wrench Company, Schenectady, N. Y. Compound for loosening tight nuts on bolts and lubricating leaf springs. 171,216; July 31; Serial No. 177,726; published May 15, 1923.
Carrollton Packing Co. (See Biddle, Alice M.)
Carruthers, Mrs. Richard, doing business as Astoria By-Products Co., Astoria, Oreg. Salmon eggs for bait. 176,135; Nov. 20; Serial No. 183,362; published Sept. 11, 1923.
Carson Pirie Scott & Co., Chicago, Ill. Blankets of cotton, wool, and cotton and wool. 165,573; Mar. 13; Serial No. 161,809; published Dec. 12, 1922.
Carson Pirie Scott & Co., Chicago, Ill. Children's underwear, of textile fabric. 166,721; Apr. 10; Serial No. 161,807; published Jan. 2, 1923.
Carson Pirie Scott & Co., Chicago, Ill. Women's, misses', girls', and children's hats, caps, and bonnets. 166,722; Apr. 10; Serial No. 161,805; published Jan. 2, 1923.
Carson Pirie Scott & Co., Chicago, Ill. Snap fasteners. 168,939; May. 29; Serial No. 172,961; published Mar. 13, 1923.
Carter Dry Goods Co., Louisville, Ky. Flannelette piece goods. 163,987; Feb. 6.
Carter Dry Goods Co., Louisville, Ky. Ginghams in the piece. 166,220; Mar. 27; Serial No. 169,005; published Dec. 12, 1922.
Carter Dry Goods Co., Louisville, Ky. Percales in the piece. 171,452; Aug. 7; Serial No. 169,002; published May 15, 1923.
Carter Dry Goods Co., Louisville, Ky. Madras in the piece. 171,505; Aug. 7; Serial No. 169,004; published May 15, 1923.
Carter Dry Goods Co., Louisville, Ky. Work shirts. 171,887; Aug. 14; Serial No. 172,511; published May 22, 1923.
Carter Dry Goods Company, Louisville, Ky. Percales in the piece. 173,183; Sept. 18; Serial No. 169,280; published June 19, 1923.
Carter, Ivy R., Estaca, Oreg. Lamp shades. 175,191; Oct. 30; Serial No. 175,543; published Aug. 14, 1923.
Carter-Mayhew Manufacturing Company, Minneapolis, Minn. Grain separating and cleaning machines. 166,683; Apr. 10; Serial No. 168,204; published Jan. 23, 1923.
Carter's Ink Company, The, Cambridge, Mass. Mucilage, paste, glue, and adhesive cement. 165,233; Mar. 6, 1923.
Carter's Ink Company, The, Cambridge, Mass. Inks, inked ribbon, and carbon papers. 166,309; Mar. 27.
Cartoning Machinery Corporation, Newark, N. J., and Newport, R. I. Carton and box filling machinery. 166,412; Apr. 3; Serial No. 166,933; published Jan. 2, 1923.
Cary & Company, Inc., Binghamton, N. Y. Men's, women's, and children's clothing. 163,966; Feb. 6.
Casbarian, Boghas G., Riverdale, Md. Insecticide. 165,556; Mar. 13; Serial No. 155,739; published Dec. 12, 1922.
Case-Teel Company, Inc., Jackson, Miss., and New Orleans, La. Stock and poultry feed. 176,618; Nov. 27; Serial No. 174,509; published July 31, 1923.
Casey, Dennis A., New Orleans, La. Paving mixture. 163,035; Jan. 2.
Casey, John T., doing business as United States Juvenile Vehicle Co., Philadelphia, Pa. Wheeled toys, more particularly walking velocipedes. 171,232; July 31; Serial No. 170,968; published May 1, 1923.
Casey, Thomas F., doing business as Ryan & Casey, Greenfield, Mass. Nonalcoholic beverages and sirups for making same. 166,744; Apr. 10.
Cash, Charles S., Inc., New York, N. Y. Nuts in the shell, shelled, salted and candied nuts, and glacé fruit candies. 163,813; Jan. 30.
Cash, Charles S., Inc., New York, N. Y. Nuts in the shell and shelled, salted, and candied nuts and glacé fruit candies. 166,904; Apr. 17; Serial No. 163,613; published Feb. 6, 1923.
Cashmere Fruit Growers Union, Cashmere, Wash. Fresh apples. 176,535; Nov. 27; Serial No. 182,563; published Sept. 11, 1923.
Casler, Fred M., Los Angeles, Calif. Mayonnaise, catchup, Thousand Island dressing, marshmallow cream, etc. 173,186; Sept. 18; Serial No. 168,755; published June 26, 1923.
Cassebeer, E. W., Inc., Flushing, N. Y. Skin whitener. 164,294; Feb. 20.
Cassell, William W., Vincennes, Ind. Ice-cream molds. 163,675; Jan. 23.
Cassileth & Schwartz, Brooklyn, N. Y. Fur skins. 170,678; July 17; Serial No. 169,754; published Apr. 24, 1923.
Cassoff, Louis F., doing business as Central Shellac Works, Brooklyn, N. Y. Specially-prepared shellac products. 173,401; Sept. 25; Serial No. 175,343; published June 19, 1923.
Castello, Giacomo, Genoa, Italy. Medicinal cordial. 167,718; May 8; Serial No. 144,500; published Jan. 9, 1923.
Castle Company, Lyons, N. Y. Canned sauerkraut. 170,823; July 24; Serial No. 170,273; published May 8, 1923.
Castle Garment Mfg. Co., Chillicothe, Ohio. Men's dress, negligee, and work shirts. 164,763; Feb. 27.
Castritsy, Geo. P., New York, N. Y. Cigarettes. 163,294; Jan. 9.
Caswell, Bonnie R., Wilmington, Del. Motor saltz. 173,912; Oct. 2; Serial No. 175,298; published July 10, 1923.
Catamount Manufacturing Co., Inc., Bennington, Vt. Athletic union suits for men, boys, and children. 175,359; Nov. 6; Serial No. 177,831; published Aug. 14, 1923.
Catawba Candy Co., The, Sandusky, Ohio. Candy. 177,099; Dec. 11; Serial No. 170,004; published Mar. 13, 1923.

Cater, Dr. James S., doing business as Purer-Lene Mfg. Co., Marceline, Mo. Preparation for treating diseases of the mucous membranes. 176,380; Nov. 27; Serial No. 177,593; published Aug. 7, 1923.

Cathcart, Herbert J., New York, N. Y. Cotton, woolen, or silk piece goods. 168,677; May 29; Serial No. 143,983; published June 7, 1921.

Cathcart, Herbert J., doing business as The Cathcart Company, New York, N. Y. Handkerchiefs. 172,904; Sept. 11; Serial No. 177,545; published June 12, 1923.

Catholic Students' Mission Crusade, Cincinnati, Ohio. Magazine published quarterly. 170,109; July 10; Serial No. 158,224; published June 13, 1922.

Cato Oil and Grease Co., Oklahoma, Okla. Lubricating oils and greases. 173,309; Sept. 18; Serial No. 179,293; published June 19, 1923.

Cato Oil and Grease Co., Oklahoma, Okla. Lubricating oils and greases. 173,461; Sept. 25; Serial No. 179,294; published June 19, 1923.

Cat's Meow Company, The, Brooklyn, N. Y. Toy animals. 164,818; Feb. 27.

Catsigianis, Otto P., doing business as Blue Hill Candy Company, St. Louis, Mo. Chocolate-coated nuts and candies. 171,421; Aug. 7; Serial No. 172,257; published May 8, 1923.

Cauchois Coffee Company, New York, N. Y. Coffee. 177,174; Dec. 11; Serial No. 181,011; published Sept. 25, 1923.

Caulk, L. D., Company, The, Milford, Del. Cement for filling teeth and liquid therefor. 166,520; Apr. 3; Serial No. 172,082; published Jan. 9, 1923.

Caulk, L. D., Company, The, Milford, Del. Dental alloy. 166,521; Apr. 3; Serial No. 172,081; published Jan. 9, 1923.

Causse Manufacturing & Importing Co., Boundbrook, N. J., and New York, N. Y. Pineapple glacé, glacé assorted fruits, crystallized ginger. 173,762; Oct. 2; Serial No. 177,274; published July 3, 1923.

Cavanaugh, William D., doing business as Velvet Oil Company, Reno and Oil City, Pa. Lubricating oils. 168,600; May 29; Serial No. 168,440; published Feb. 27, 1923.

Cecil Manufacturing Company, Camden, N. J. Candy. 163,295; Jan. 9.

Celite Products Company, Los Angeles, Calif., and New York, N. Y. Material for arresting and separating impurities or other matter from fluids. 170,594; July 17; Serial No. 146,755; published Apr. 17, 1923.

Cellas', Inc., New York, N. Y. Cottonseed oil. 173,143; Sept. 18; Serial No. 178,090; published June 12, 1923.

Celry-Ale Co. (See Geertz, Maurice.)

Centaur Company, The, New York, N. Y. Vegetable preparation for assimilating the food by regulating stomach and bowels, etc. 165,880–2; Mar. 20.

Centaur Company, The, New York, N. Y. Vegetable preparation for regulating the stomach and bowels of infants and children. 168,519; May 22.

Centemeri, P., & Co., New York, N. Y. Leather and fabric gloves. 177,793; Dec. 25.

Central Automobile Tire Company, Boston, Mass. Automobile tires. 169,031; May 29.

Central California Berry Growers Association, San Francisco, Calif. Fresh berries. 166,668; Apr. 10; Serial No. 165,270; published Feb. 6, 1923.

Central Chemical Company, The. Hagerstown, Md. Fertilizer. 168,753; May 29; Serial No. 171,526; published Mar. 13, 1923.

Central City Fertilizer Works. (See Filloon, Don B.)

Central Commercial Company, Chicago, Ill. Silicate of soda and sal soda. 165,994; Mar. 27; Serial No. 166,501; published Dec. 5, 1922.

Central Committee Knesseth Israel, of Jerusalem, Palestine, Inc., New York, N. Y. Collection boxes. 168,379; May 22; Serial No. 169,395; published Feb. 20, 1923.

Central Dental Laboratory Co. Incorporated, New York, N. Y. Dental crowns composed of artificial enamel and metal. 170,378; July 17; Serial No. 174,356; published Apr. 10, 1923.

Central Flatiron Mfg. Co., Johnson City, N. Y. Electrically-heated hot plates and flatirons. 169,468; June 19; Serial No. 173,622; published Mar. 27, 1923.

Central Flatiron Mfg. Co., Johnson City, N. Y. Electric flatirons. 176,906; Dec. 4.

Central Indiana Coal Co., Indianapolis, Ind. Coal. 173,306; Sept. 18; Serial No. 179,516; published June 19, 1923.

Central Laboratories Company, St. Louis, Mo. Preparation for the treatment and relief of headache, neuralgia, etc. 176,888; Dec. 4.

Central Manufacturing Company, St. Louis, Mo. Laundry washing machines and wringers. 165,333; Mar. 6; Serial No. 156,885; published Nov. 28, 1922.

Central Michigan Paper Company, Grand Rapids, Mich. Wrapping, manila, document, print, and other paper, etc. 176,051; Nov. 13; Serial No. 181,245; published Aug. 28, 1923.

Central Ohio Paper Company, The, Columbus, Ohio. Writing paper, tablets, papeteries, bristol board, and envelopes. 176,610; Nov. 27; Serial No. 179,458; published Sept. 11, 1923.

Central Petroleum Company. (See Carran, Grace B.)

Central Piano Co., Chicago, Ill. Pianos. 166,545; Apr. 10; Serial No. 149,890; published Dec. 26, 1922.

Central Radiator Company, New York, N. Y. Combined coal hot-water heater and open-fire grate. 165,089; Mar. 6; Serial No. 153,540; published May 16, 1922.

Central Radiator Company, New York, N. Y. Hot-water heater. 167,578; May 1; Serial No. 166,523; published Jan. 2, 1923.

Central Radio Laboratories, Milwaukee, Wis. Radio signaling apparatus and parts thereof. 174,599; Oct. 23; Serial No. 178,164; published July 24, 1923.

Central Shellac Works. (See Cassoff, Louis F.)

Central Tractor Company, The, Greenwich, Ohio. Tractors, cultivators, and sulky plows. 176,046; Nov. 13; Serial No. 180,748; published Sept. 4, 1923.

Central Wisconsin Canneries, Beaver Dam, Wis. Canned peas. 172,873; Sept. 11; Serial No. 173,807; published June 5, 1923.

Centralia Patch Co. (See Roemer, Harry L.)

Century Biscuit Co., Indianapolis, Ind. Wafers and crackers. 170,918; July 24; Serial No. 166,350; published Mar. 20, 1923.

Century Brass Works, Inc., Belleville, Ill. Drinking and ice-cooled fountains and plumbing supplies. 176,943; Dec. 4.

Century Chemist Incorporated, Chicago, Ill. Preparation for cleaning and softening the skin. 165,809; Mar. 20; Serial No. 167,381; published Jan. 2, 1923.

Century-Plainfield Rubber Company. (See Associated Tire Stores Corporation, assignors.)

Ceramic Products Corp., Old Bridge, N. J. Ceramic products used for building purposes, face brick, terra cotta, hollow tile, etc. 169,242; June 12; Serial No. 169,967; published Mar. 13, 1923.

Cerecedo Hnos. & Co. Sucrs., San Juan, P. R. Soap. 167,586; May 1; Serial No. 170,122; published Jan. 2, 1923.

Ceres Core Binder Company. (See McGrory, Daniel T.)

"Cérès" Docks, Minoterie, Semoulerie Pates Alimentaires, Nice, France. Semolinas, rices, alimentary pastes, and biscuits. 172,647; Sept. 11; Serial No. 153,385; published May 8, 1923.

Cerny, George A., doing business as Autol Scientific Laboratories, Chicago, Ill. Body polish, top dressing, and paint enamel. 177,393; Dec. 18; Serial No. 181,338; published Oct. 2, 1923.

Certain-Teed Products Corporation, Baltimore, Md., and St. Louis, Mo. Ready-mixed paints for interior surfaces. 174,643; Oct. 23; Serial No. 181,174; published July 31, 1923.

Certified Foods, Westfield, Mass. Food preparation consisting of a vegetable seasoning. 171,065; July 31; Serial No. 163,918; published Apr. 3, 1923.

Certified Laboratories, Inc., Newark, N. J. New fuel intensifier and carbon remover. 169,821; July 8; Serial No. 168,632; published Mar. 13, 1923.

Cervelli, Blanche, San Francisco, Calif. Hip and bust reducer. 166,458; Apr. 3; Serial No. 169,890; published Jan. 9, 1923.

Ce-Wede Laboratory. (See National Physicians Supply Company.)

Chacon, R. M. A., doing business as The Chacon Trading Company, New York, N. Y. Hydrocarbon materials or asphaltum products. 172,720; Sept. 11; Serial No. 175,000; published June 5, 1923.

Chadick, De Lamater Corporation, New York, N. Y. Axles and parts thereof. 165,358; Mar. 6; Serial No. 157,800; published Dec. 5, 1922.

Chadwick-Boston Lead Company, Boston, Mass. White lead. 174,267; Oct. 9; Serial No. 175,344; published July 10, 1923.

Chadwick, De Lamater Corporation, New York, N. Y. Internal-combustion motors and parts thereof, governors and parts thereof, etc. 163,867; Feb. 6.

Chadwin, Leo L., doing business as Chadwin Tire & Rubber Co., Philadelphia, Pa. Tires and inner tubes. 165,299; Mar. 6; Serial No. 164,582; published Nov. 14, 1922.

Chadwin, Leo L., doing business as Gem Tire & Rubber Company, Philadelphia, Pa. Tires and inner tubes. 170,487; July 17; Serial No. 172,512; published Apr. 24, 1923.

Chadwin, Leo L., doing business as Protection Tire & Rubber Company, Philadelphia, Pa. Rubber tires and inner tubes. 174,431; Oct. 16; Serial No. 179,030; published July 3, 1923.

Chadwin Tire & Rubber Co. (See Chadwin, Leo L.)

Challenge Company, Batavia, Ill. Windmills, gasoline engines, windmill pumps, siphon pumps, etc. 172,799; Sept. 11; Serial No. 174,724; published June 5, 1923.

Challenge Cutlery Corporation. (See Estate of Frederick Weibusch, assignor.)

Chalmers Chemical Company, Newark, N. J. Preparation for removing ink, dirt, and grease from type, wood, etc. 173,592; Sept. 25.

Chamberlain, F. B., Company, East St. Louis, Ill., and St. Louis, Mo. Bird food. 165,918; Mar. 20.

Chamberlin, Benjamin F., doing business as B. F. Chamberlin, Boston, Mass. Molded rubber heels and soles, fiber soles and heels, shoes, and rubber and fiber top lifts. 172,775; Sept. 11; Serial No. 141,855; published June 5, 1923.

Chamberlin, Benjamin F., doing business as B. F. Chamberlin, Boston, Mass. Heels, soles, shoes, and top lifts. 172,776; Sept. 11; Serial No. 141,856; published June 5, 1923.

Champion Appliance Manufacturing Company, Inc., Yonkers, N. Y. Portable electric motors. 172,003; Aug. 21; Serial No. 170,926; published May 8, 1923.

Champion Appliance Manufacturing Company, Inc., Yonkers, N. Y. Clothes-washing machines and clothes wringers. 174,835; Oct. 23; Serial No. 176,399; published June 12, 1923.

Champion Fibre Company, The, Canton, N. C. Leather filler. 167,905; May 8; Serial No. 168,917; published Jan. 2, 1923.

Champion Products Mfg. Co., Newark, N. J. Shock absorbers for vehicles. 165,192; Mar. 6; Serial No. 168,253; published Dec. 5, 1922.

Champion Specialties Co. (See Palise, Joseph.)

Champion Tool Company, Meadville, Pa. Farriers', blacksmiths', and cobblers' tools. 166,796; Apr. 17; Serial No. 152,419; published Aug. 1, 1922.

Champion Tool Company, Meadville, Pa. Farriers' tools. 167,707; May 8; Serial No. 152,418; published July 25, 1922.

Champlain Valley Fruit Co., Inc., Burlington, Vt. Mayonnaise dressing, olive mayonnaise, peanut butter, etc. 177,198; Dec. 11; Serial No. 178,713; published Sept. 25, 1923.

Chan, L. C., & Company, San Francisco, Calif. Chop-suey sauce. 175,757; Nov. 13; Serial No. 168,753; published Sept. 4, 1923.

Chance, Albert B., doing business as Chance Company, Centralia, Mo. Anchor rods. 171,797; Aug. 14; Serial No. 176,324; published May 15, 1923.

Chance, Albert B., doing business as Chance Company, Centralia, Mo. Piston rings. 175,894; Nov. 13; Serial No. 153,441; published Sept. 4, 1923.

Chance Brothers and Co. Limited, West Smethwick, Stafford, England. Glass. 175,467; Nov. 6; Serial No. 182,086; published Aug. 21, 1923.

Chandler, B. B., Athens, Ga. Hair tonic. 164,496; Feb. 20.

Chandler & Fisher, Limited, Winnipeg, Canada. Surgical ligatures. 174,140; Oct. 2.

Chandler, Mary W., doing business as Takof Company, Cleveland Heights, Ohio. Tweezers for removing superfluous hair. 175,538; Nov. 6; Serial No. 180,588; published Aug. 21, 1923.

Chandler & Price Company, The, Cleveland, Ohio. Printing presses and parts thereof. 166,810; Apr. 17; Serial No. 167,801; published Jan. 23, 1923.

Change-O-Toy House Company, New York, N. Y. Toy houses. 165,734; Mar. 20; Serial No. 169,434; published Dec. 19, 1922.

Channel Chemical Company, Chicago, Ill.; Toronto, Canada; London, England, and Paris, France. Polish for cleaning and polishing furniture, floors, autos, etc. 163,652; Jan. 23.

Chapin & Gould Paper Company, Springfield, Mass. Writing and printing paper and mailing envelopes. 170,288; July 10; Serial No. 176,114; published Apr. 10, 1923.

Chapin & Gould Paper Company, Springfield, Mass. Writing paper and mailing envelopes. 177,519; Dec. 18; Serial No. 169,052; published Dec. 12, 1922.

Chaplin Classics Inc., New York, N. Y. Motion pictures. 170,203; July 10; Serial No. 173,072; published Apr. 3, 1923.

Chapman, Frank, doing business as The M. W. Dunton Co., Providence, R. I. Soldering flux in salts, paste, and fluid forms. 169,661; June 26; Serial No. 170,123; published Mar. 20, 1923.

Chapman Self-Locking Nut Co., Baltimore, Md. Nut locks. 167,684; May 8; Serial No. 156,983; published Feb. 13, 1923.

Chappell, Alexander W., doing business as Dr. R. H. Kline Co., Red Bank, N. J. Medicinal preparation acting as a system cleanser and regulator. 169,834; July 3; Serial No. 173,030; published Mar. 6, 1923.

Charleroi Laboratories, Inc., Charleroi, Pa. Preparation for eczema, tetter, and itch. 168,340; May 22; Serial No. 155,047; published Feb. 20, 1923.

Charles, Burton R., Los Angeles, Calif. Preparation for energizing circulatory and nervous systems of the human body. 177,239; Dec. 11; Serial No. 181,474; published Sept. 18, 1923.

Charles Electric Garments Company, Los Angeles, Calif. Electric heating pads. 164,617; Feb. 20.

Charleston Electrical Supply Co., Charleston, W. Va. Printed publication issued monthly. 176,728; Nov. 27; Serial No. 173,277; published Sept. 11, 1923.

Charleston Paint Co., Charleston, S. C. Mixed paints, stains, varnishes, white lead, varnish, oil stains. 166,068; Mar. 27; Serial No. 160,337; published Dec. 19, 1922.

Charlotte Electric Repair Company, Inc., Charlotte, N. C. Electric motors, generators, and transformers. 171,119; July 31; Serial No. 175,300; published Apr. 24, 1923.

Charlton & Matzen, doing business as Arzen Laboratories, Clinton, Iowa. Preparation for catarrh, colds, earache, etc. 164,425; Feb. 20.

Charm-U Co., The, Chattanooga, Tenn. Vanishing cream and cleansing or cold cream. 169,983; July 10; Serial No. 167,838; published Apr. 10, 1923.

Charming Phonograph Company, Inc., New York, N. Y. Phonographs and articles used in connection therewith. 164,713; Feb. 27.

Charter Chocolate Company, Boston, Mass. Candy. 166,352; Apr. 3; Serial No. 141,556; published Jan. 9, 1923.

Charter Chocolate Company, Boston, Mass. Candy. 168,794; May 29; Serial No. 141,557; published Mar. 6, 1923.

Charter Chocolate Company, Boston, Mass. Candy. 175,837; Nov. 13; Serial No. 181,816; published Sept. 4, 1923.

Chase Foundry and Manufacturing Company, The, Columbus, Ohio. Elevating and conveying, special factory, charging, etc. trucks and cars. 174,448; Oct. 16; Serial No. 165,668; published July 3, 1923.

Chase, L. C., & Company, Boston, Mass. Rug and carpet holders and materials for same. 172,668; Sept. 11; Serial No. 174,289; published June 5, 1923.

Chase, Samuel, Fort Wayne, Ind. Preparation for the relief of dyspepsia, indigestion, etc. 169,611; June 26; Serial No. 172,513; published Mar. 6, 1923.

Chastains' Incorporated, Lewiston, Idaho. Photographic prints. 173,594; Sept. 25.

Chatham, L., Sr., Products Company, Milwaukee, Wis. Soaps. 167,692; May 8; Serial No. 159,847; published Jan. 30, 1923.

Chat-Less-Ine Company, Springfield, Mass. Nonchatter preparations for automobile bands. 175,205; Oct. 30; Serial No. 175,185; published Aug. 7, 1923.

Chattanooga Implement & Mfg. Co., Chattanooga, Tenn. Hay presses or balers. 163,931; Feb. 6.

Chautauqua Phonograph Company, Inc., Wilmington, Del. and Washington, D. C. Phonographs. 175,750; Nov. 13; Serial No. 165,580; published Aug. 21, 1923.

Checker Cab Manufacturing Corporation, Chicago, Ill. Automobile cabs and trucks. 165,915; Mar. 20.

Cheeks, Clara B., doing business as Cheeks & Co., New York, N. Y. Face wash or lotion. 174,927; Oct. 23.

Chef Aluminum Co. (See Jones, Leander C.)

Chelsea Clock Company, Chelsea and Boston, Mass. Time indicating, keeping, and recording instruments. 168,288; May 15.

Chemical Engineering Company (Manchester) Limited, The, Manchester, England. Grinding and crushing machinery. 175,139; Oct. 30; Serial No. 180,418; published Aug. 14, 1923.

Chemical Enterprises Incorporated, New York, N. Y. Disinfectants, insecticides, and deodorants. 176,308; Nov. 20; Serial No. 179,133; published Aug. 14, 1923.

Chemical Fire Apparatus Company. (See Frey, Henry R.)

Chemical Foundation, Incorporated, The. (See Boehringer, C. F., & Soehne, assignors.)

Chemical Foundation Incorporated, The. (See Chemische Fabrik auf Actien (vormals E. Schering), assignor.)

Chemical Foundation, Incorporated, The. (See Chemische Fabrik, vormals Hofmann & Schoetensack, assignor.)

Chemical Foundation, Incorporated, The. (See Goldchmidt, The Firm of Th., assignor.)

Chemical Foundation, Incorporated, The. (See Hauff, Julius.)

Chemical Foundation, Incorporated, The. (See Merck, Firm of E., assignor.)

Chemical Foundation, Incorporated, The. (See Müller, J. G., & Co., assignor.)

Chemical Foundation, Incorporated, The. (See Schulz, F. A., and Philipp, assignors.)

Chemical Foundation, Incorporated, The. (See Stroschein, Johann E., assignor.)

Chemical Fuel Company of America, Inc., Louisville, Ky. Motor fuel oil. 168,660; May 29; Serial No. 155,550; published Feb. 27, 1923.

Chemical Fuel Company of America, Inc., Louisville, Ky. Fuel oils. 168,661; May 29; Serial No. 155,549; published Feb. 27, 1923.

Chemical Novelty Co., Inc., New York, N. Y. Colors for frosting lamps. 172,533; Sept. 4; Serial No. 174,071; published June 5, 1923.

Chemical Paper Manufacturing Co., Holyoke, Mass. Cover paper. 166,883; Apr. 17; Serial No. 142,385; published Jan. 16, 1923.

Chemische Fabric auf Actien, vormals E. Schering, Berlin, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del. Therapeutic remedies. 23,533; renewed Aug. 22, 1923.

Chemische Fabrik auf Actien (vormals E. Schering), Berlin, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del. Germicides, disinfectants, and other deodorizing preparations. 23,629; renewed Sept. 19, 1923.

Chemische Fabrik Grünau Landshoff & Meyer, Aktiengesellschaft, Berlin and Grunau, near Berlin, Germany. Chemical products used in dyeing. 176,288; Nov. 20; Serial No. 180,327; published Aug. 14, 1923.

Chemische Fabrik Güstrow, Dr. Hillringhaus & Dr. Heilmann, Gustrow, Germany. Disinfectants and medicinal preparation and dressing used for both human beings and animals. 165,546; Mar. 13; Serial No. 148,318; published Dec. 5, 1922.

Chemische Fabrik Güstrow, Dr. Hillringhaus & Dr. Heilmann, Gustrow, Germany. Preparation and dressing used in the treatment of all anomalies of menstruation, etc. 165,589; Mar. 13; Serial No. 148,317; published Dec. 5, 1922.

Chemische Fabrik Marienfelde G. m. b. H., Berlin-Marienfelde, Germany. Pulverulent sulphur compound for treating sores, cuts, etc. 167,437; May 1; Serial No. 163,737; published Jan. 30, 1923.

Chemische Fabrik "Norgine" Dr. Victor Stein, Aussig, Czechoslovakia. Pharmaceutical preparations to be administered into animals and human beings, for treatment of tabes, paralysis, etc. 172,681; Sept. 11; Serial No. 163,139; published May 8, 1923.

Chemische Fabrik, vormals Hofmann & Schoetensack, Ludwigshafen-on-Rhine, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del. Remedies for diarrhea and gouty rheumatism. 23,927; renewed Dec. 19, 1923.

Chemische Fabrik vormals Sandoz, Basel, Switzerland. Pharmaceutical preparation. 173,046; Sept. 11; Serial No. 176,882; published June 12, 1923.

Chemische Fabrik vormals Sandoz, Basel, Switzerland. Pharmaceutical preparation. 173,047; Sept. 11; Serial No. 176,880; published June 12, 1923.

Chemische Fabriken vorm. Weiler-ter Meer, Uerdingen, Germany. Impregnating material for use as a preservative. 169,759–61; July 3; Serial No. 170,124–6; published Mar. 6, 1923.

Chemische Werke Aktiengesellschaft Postlerit-Werke, Gross-Zschachwitz, Germany. Engine packings and washers of asbestos, grease, caoutchouc, and graphite. 168,779; May 29; Serial No. 114,846; published Jan. 9, 1923.

Chemische Werke vorm. Auergesellschaft m. b. H. Kommanditgesellschaft, Berlin, Germany. Vacuum vessels for food and liquids and parts of such vessels. 166,108; Mar. 27; Serial No. 149,668½; published Dec. 5, 1922.

Chemische Werke vorm. H. & E. Albert, Amoneburg, near Biebrich, Germany. Chemical preparation for the extirpation and killing of vermin, plant pests, and weeds, disinfectants, etc. 163,204; Jan. 2.

Chemitex Products Company, The, Akron, Ohio. Chemical cleaner for shade cloths. 167,448; May 1; Serial No. 163,779; published Jan. 23, 1923.

Chemitex Products Company, The, Akron, Ohio. Window-shade cloth. 168,584; May 29; Serial No. 163,434; published May 6, 1923.

Chemitex Products Company, The, Akron, Ohio. Artificial patent and suede leather and rubber-surface cloth. 172,669; Sept. 11; Serial No. 174,233; published June 5, 1923.

Cheney Brothers, South Manchester, Conn. Cravats and neckties. 163,036; Jan. 2.

Cheney Brothers, South Manchester, Conn. Woven, knitted, netted, textile, and pile fabrics in the piece. 163,296; Jan. 9.

Cheney Brothers, South Manchester, Conn. Woven, knitted, netted, textile, and pile fabrics in the piece composed in whole or in part of silk. 163,926; Feb. 6.

Cheney Brothers, South Manchester, Conn. Woven, knitted, netted, textile, and pile fabrics in the piece. 165,685; Mar. 20; Serial No. 170,425; published Dec. 26, 1922.

Cheney Brothers, South Manchester, Conn. Silk fabrics in the piece. 166,381; Apr. 3; Serial No. 169,701; published Dec. 19, 1922.

Cheney Brothers, South Manchester, Conn. Woven, knitted, netted, etc., silk fabrics in the piece. 174,126; Oct. 2; Serial No. 180,521; published July 10, 1923.

Cheney Brothers, South Manchester, Conn. Woven, knitted, netted, textile, and pile fabrics of silk. 174,193; Oct. 9; Serial No. 181,061; published July 17, 1923.

Cheney Brothers, South Manchester, Conn. Woven, knitted, netted, textile, and pile fabrics in the piece comprised of silk. 175,173; Oct. 30; Serial No. 181,378; published Aug. 7, 1923.

Cherokee Spinning Company, Knoxville, Tenn. Cotton piece goods. 175,453–4; Nov. 6; Serial Nos. 182,788–9; published Aug. 28, 1923.

Cherry-Bassett-Winner Company, Wilmington, Del., and Philadelphia, Pa., Pasteurizing vats, coolers and batch mixers, etc. 166,859; Apr. 17; Serial No. 163,740; published Jan. 23, 1923.

Cherry-Bassett-Winner Company, Wilmington, Del., and Philadelphia, Pa. Nongelatinous combination of substances for use in the manufacture of ice cream. 167,881; May 8; Serial No. 166,132; published Feb. 20, 1923.

Cherry Blossom Mfg. Co., St. Louis, Mo. Beverages and sirups for making same. 176,802; Nov. 27.

Chertoff, N., Inc., doing business as U. S. Sewing Thread Co., New York, N. Y. Thread and yarn. 170,132; June 10; Serial No. 159,140; published Apr. 3, 1923.

Chesapeake Weaving Mills, Inc., Havre de Grace, Md., and Philadelphia, Pa. Bathing capes. 173,937; Oct. 2; Serial No. 177,121; published July 17, 1923.

Chesebrough Manufacturing Co., Consolidated, New York, N. Y. Petroleum jelly and preparations thereof. 167,907; May 8; Serial No. 168,956; published Jan. 30, 1923.

Chesebrough Manufacturing Co., (Consolidated), New York, N. Y. Petroleum jelly, hair pomade, hair tonic, camphor ice, etc. 169,652; June 26; Serial No. 168,596; published Mar. 6, 1923.

Chesney, Ernest R., doing business as Fly-Cide Company, Kansas City, Mo. Insecticides. 167,466; May 1; Serial No. 167, 118; published Jan. 23, 1923.

Chesney Explosive Company, The, Marietta, Ohio. Explosive used largely in shooting oil wells. 168,424; May 22; Serial No. 172,371; published Feb. 20, 1923.

Chester, C. L., Productions, Inc., Hollywood, Calif. Motion pictures reproduced in copies for sale. 163,901; Feb. 6.

Chester, C. L., Productions, Inc., Hollywood, Calif., assignor to Globe Trots Films, Inc., New York, N. Y. Motion pictures reproduced in copies for sale. 166,354; Apr. 3; Serial No. 146,692; published Dec. 26, 1922.

Chester Clothes, Inc., New York, N. Y. Men's suits, overcoats, etc. 168,215; May 15; Serial No. 138,002; published Feb. 6, 1923.

Chester Knitting Mills, St. Louis, Mo. Hosiery. 166,638–9; Apr. 10; Serial No. 166,171–2; published Jan. 2, 1923.

Chester Knitting Mills, St. Louis, Mo. Hosiery. 174,268; Oct. 9; Serial No. 174,654; published July 10, 1923.

Chester Medical Company. (See Kidd, Loren C.)

Chesterfield Metal Company. (See Chesterfield, Percy C.)

Chesterfield, Percy C., doing business as Chesterfield Metal Company, Detroit, Mich. Cutting metal used for high-speed operations on cast iron or mild steel. 163,653; Jan. 23.

Chesterman Leeland Company, Philadelphia, Pa. Elastic hernial trusses. 165,939; Mar. 20.

Chestnut Farms Dairy. (See Brawner, Henry N., jr.)

Chew, Manley, Midland, Ontario, Canada. Fiber board. 168,371; May 22; Serial No. 163,324; published Feb. 13, 1923.

Chicago Belting Company, Chicago, Ill. Leather belting. 171,537; Aug. 7; Serial No. 174,889; published May 8, 1923.

Chicago Beverage Co., Chicago, Ill. Beverages sold as soft drinks and sirups used in the preparation of same. 177,575; Dec. 18; Serial No. 184,712; published Oct. 9, 1923.

Chicago Bridge & Iron Works, Chicago, Ill. Tanks. 171,946; Aug. 14.

Chicago Carton Company, Chicago, Ill. Collapsible or folding paper cartons having interlocking end flaps. 163,297; Jan. 9.

Chicago City Rubber Works, Chicago, Ill. Rubber automobile tires. 163,037; Jan. 2.

Chicago Cream Fried Cake Co., Chicago, Ill. Doughnuts and fried cakes. 166,078; Mar. 27; Serial No. 159,012; published Oct. 17, 1922.

Chicago Egg Noodle Company. (See Klein, Alec.)

Chicago Flexible Shaft Company, Chicago, Ill. Electric toaster grills. 174,305; Oct. 9.

Chicago Fuse Mfg. Co., Chicago, Ill. Electric fuses. 165,275; Mar. 6; Serial No. 156,083; published Nov. 7, 1922.

Chicago & Geneva Bottling Works. (See Boggiano, Louis.)

Chicago Malt Extract Co., Chicago, Ill. Malt extract for food purposes. 170,102; July 10; Serial No. 168,754; published Apr. 10, 1923.

Chicago Mercantile Co., Chicago, Ill. Hat linings for ladies' hats. 173,640; Oct. 2; Serial No. 154,679; published May 8, 1923.

Chicago Nipple Manufacturing Co., Chicago, Ill. Metal pipe nipples. 169,805; July 3; Serial No. 163,502; published Apr. 10, 1923.

Chicago Paper Company, Chicago, Ill. Printing and writing paper. 175,338; Nov. 6; Serial No. 171,786; published Aug. 21, 1923.

Chicago Paper Company, Chicago, Ill. Paper. 175,963; Nov. 13; Serial No. 171,725; published Aug. 28, 1923.

Chicago Paper Company, Chicago, Ill. Paper. 176,395; Nov. 27; Serial No. 171,726; published Sept. 11, 1923.

Chicago Paper Company, Chicago, Ill. Paper. 176,396; Nov. 27; Serial No. 171,728; published Sept. 11, 1923.

Chicago Paper Company, Chicago, Ill. Writing, printing, etc., paper. 177,522; Dec. 18; Serial No. 171,727; published Oct. 2, 1923.

Chicago Pneumatic Tool Company, Chicago, Ill. Electrical tools. 164,919; Feb. 27.

Chicago Radio Laboratory, Chicago, Ill. Electrical apparatus, radio telephone and telegraph and signaling and power-transmission apparatus. 164,520; Feb. 20.

Chicago Radio Laboratory, Chicago, Ill. Electrical apparatus, radio telephone and telegraph and signaling and power-transmission apparatus. 164,520; Feb. 20.

Chicago Radio Laboratory, Chicago, Ill. Electrical apparatus, radio telephone and telegraph and signaling and transmission of power apparatus. 166,554; Apr. 10; Serial No. 170,969; published Jan. 9, 1923.

Chicago Thrift Company, Chicago, Ill. Portable banks. 169,930; July 3.

Chicago Thrift Company, Chicago, Ill. Portable banks. 171,684; Aug. 7.

Chicago Varnish Company, Chicago, Ill., assignor to Flint Varnish & Color Works, Flint, Mich. Varnishes, stains, driers, japans, and kindred goods. 22,394–5; renewed Jan. 31, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Chicago Whistle Bottling Co., Chicago, Ill. Nonalcoholic maltless soft drinks. 175,566; Nov. 6; Serial No. 181,379; published Aug. 28, 1923.

Chidester, John H., Chatham, N. J. Magnifying attachments for printing telegraphs. 168,191; May 15; Serial No. 168,918; published Feb. 20, 1923.

Chief Two Moon Herb Company, The, Waterbury, Conn. Bitter oil, a general constitutional tonic for internal use. 168,844; May 29; Serial No. 170,868; published Feb. 13, 1923.

Childs, Charles M., & Co. Inc., Brooklyn, N. Y. Ready-mixed paints. 169,443; June 19; Serial No. 173,031; published Mar. 20, 1923.

Childs Specialty House, Union City, Tenn. Wearing apparel. 173,911; Oct. 2; Serial No. 175,849; published July 10, 1923.

Chillicothe Paper Company, The, Chillicothe, Ohio. Writing paper, bond. 166,371; Apr. 3; Serial No. 170,005; published Dec. 5, 1922.

Chillicothe Paper Company, The, Chillicothe, Ohio. Book, bond, and writing paper. 171,109; July 31; Serial No. 174,610; published Apr. 24, 1923.

Chimnee Sweep Manufacturing Company, San Francisco, Calif. Dry black chemical powder used as a soot destroyer. 176,285; Nov. 20; Serial No. 178,825; published Aug. 28, 1923.

China and Japan Trading Company, (Ltd.), New York, N. Y. Woven cotton and woolen fabrics. 166,940; Apr. 17; Serial No. 171,831; published Jan. 30, 1923.

Chinese Blueing Company, Detroit, Mich. Bluing for laundry use. 177,813; Dec. 25.

Chinook Packing Co., Chinook, Wash. Canned salmon. 173,844; Oct. 2; Serial No. 172,975; published July 3, 1923.

Chinook Packing Company, Chinook, Wash. Canned salmon. 171,357; Aug. 7; Serial No. 170,927; published May 15, 1923.

Chinosol Company, New York, N. Y. Antiseptic compound. 167,483; May 1; Serial No. 160,994; published Jan. 23, 1923.

Chipman Knitting Mills, Easton, Pa. Hosiery. 174,262; Oct. 9; Serial No. 177,359; published July 10, 1923.

Chipman Knitting Mills, Easton, Pa. Hosiery. 177,609; Dec. 18.

Chipman's, Chas., Sons Co. Inc., New York, N. Y. Hosiery. 166,630; Apr. 10; Serial No. 168,450; published Dec. 19, 1922.

Chippewa Shoe Mfg. Co., Chippewa Falls, Wis. Leather boots and shoes. 172,111; Aug. 21; Serial No. 172,261; published May 22, 1923.

Chisholm, John F., Philadelphia, Pa. Ready-mixed paints, paints for protecting metals, and black coating paints. 166,485; Apr. 3; Serial No. 170,621; published Jan. 9, 1923.

Chiswick Polish Company, Ltd., The, Chiswick, London, England. Stains, varnishes, and enamels, floor polishes. 166,821; Apr. 17; Serial No. 166,524; published Jan. 9, 1923.

Chloro Chemical Corporation, New York, N. Y. Liquid medicaments and ointments for antiseptic uses, etc. 174,073; Oct. 2; Serial No. 178,592; published July 10, 1923.

Chmiell, John, Co., doing business as Dy-Vo Beverage Company, Boston, Mass. Tonic which is a beverage and sold as a soft drink. 164,133; Feb. 13.

Chocolate Beverages Corporation, New York, N. Y. Chocolate beverage and concentrate for making same sold as soft drinks. 168,948; May 29; Serial No. 172,514; published Mar. 13, 1923.

Chocolate Products Company, Baltimore, Md. Candy composed wholly or in part of chocolate. 163,298; Jan. 9.

Chocolate Products Company, Baltimore, Md. Candy. 171,180; July 31; Serial No. 171,686; published May 1, 1923.

Chocolate Products Company, Wilmington, Del., and Baltimore, Md. Candy. 172,420; Aug. 28; Serial No. 174,890; published May 29, 1923.

Chocolate Products Company, Wilmington, Del., and Baltimore, Md. Candy. 173,502; Sept. 25; Serial No. 175,711; published June 19, 1923.

Chocolishus Company, The. (See Hunter, H. Blount.)

Chore Utensils Corporation of America, The, Orange, N. J. Scouring utensils. 163,807; Jan. 30.

Chore Utensils Corporation of America, The, Orange, N. J. Scouring utensils. 167,897; May 8; Serial No. 168,670; published Jan. 30, 1923.

Chore Utensils Corporation of America, The, Orange, N. J. Scouring utensils. 171,348; Aug. 7; Serial No. 173,321; published Apr. 24, 1923.

Chore-Utensils Corporation of America, The, Orange, N. J. Dish, bottle, and pot mops. 174,561; Oct. 23; Serial No. 181,380; published July 24, 1923.

Christian, H. B., Fresno, Calif. Pneumatic rubber tire casings. 171,745; Aug. 14; Serial No. 166,934; published Mar. 13, 1923.

Christie-Williams Co., Trenton, N. J. Electric-lighting brackets and ceiling fixtures. 177,674; Dec. 25; Serial No. 180,362; published Oct. 9, 1923.

Christopher, L. J., Co., Los Angeles, Calif. Candies. 173,144–5; Sept. 18; Serial Nos. 177,958–9; published June 12, 1923.

Chrobaltic Tool Company, Chicago, Ill. Heat-treating containers. 171,561; Aug. 7; Serial No. 174,553; published May 22, 1923.

Chromol Manufactory of Chemical Products, Inc., The, Vienna, Austria. Coloring and conserving means in the nature of a paint for leather, iron and wood. 166,799; Apr. 17; Serial No. 138,847; published May 9, 1922.

Church Bulletin, Inc., The, New York, N. Y. Church bulletin. 173,611; Oct. 2; Serial No. 158,178; published June 19, 1923.

Church, C. F., Manufacturing Co., Holyoke, Mass. Bathroom fixtures. 176,476; Nov. 27; Serial No. 181,110; published Sept. 18, 1923.

Church-Vance Grocery Co., Peru, Ind. Coffee, rolled oats, cocoa, etc. 177,105; Dec. 11; Serial No. 173,033; published Sept. 18, 1923.

Churchill Drug Company, Cedar Rapids, Iowa. Coffee. 163,835; Jan. 30.

Chute, Clarence L., doing business as The Chute Laboratories, New Lexington, Ohio. Embalmers' face pack, clay massage, cold cream, and vanishing cream. 172,565; Sept. 11; Serial No. 170,742; published Apr. 17, 1923.

Cicetti, Federico, doing business as No-Worry Chemical Co., Newark, N. J. Washing fluid. 170,630; July 17; Serial No. 174,725; published Apr. 24, 1923.

Ciepiela, Peter, Fall River, Mass. Hand soap. 173,873; Oct. 2; Serial No. 175,850; published June 5, 1923.

Cincinnati Brush & Mop Manufacturing Company. (See Ungerbuehler, Albert L.)

Cincinnati Cloak & Suit Company, The, Cincinnati, Ohio. Ladies' and misses' suits, coats, dresses, furs, etc. 171,246; July 31; Serial No. 169,948; published May 8, 1923.

Cincinnati Cordage & Paper Co., Cincinnati, Ohio. Writing paper. 169,328; June 12; Serial No. 174,555; published Mar. 27, 1923.

Cincinnati Cordage & Paper Co., The, Cincinnati, Ohio. Printing and writing paper. 172,210; Aug. 28; Serial No. 173,404; published May 29, 1923.

Cincinnati Cordage & Paper Co., The, Cincinnati, Ohio. Writing paper (monogram linen). 173,439; Sept. 25; Serial No. 174,556; published June 26, 1923.

Cincinnati Game Company, The, assignor to The United States Playing Card Company, Cincinnati, Ohio. Card games. 167,308; Apr. 24.

Cincinnati Lamp & Bracket Company, The, (now by change of name The Cino Auto Products Company), Cincinnati, Ohio. Spotlights. 177,711; Dec. 25; Serial No. 152,987; published Oct. 9, 1923.

Cincinnati Planer Company, The, Cincinnati, Ohio. Planers. 168,841; May 29. Serial No. 170,752; published Feb. 27, 1923.

Cincinnati Soap Company, The, Cincinnati, Ohio. Soap. 166,152; Mar. 27; Serial No. 156,259; published Feb. 28, 1923.

Cincinnati Storage Battery Company, The, Cincinnati, Ohio. Electric batteries. 166,356; Apr. 3; Serial No. 148,958½; published Jan. 16, 1923.

Cincinnati Wall Paper Co., The, Cincinnati, Ohio. Dry, ready-mixed, and paste paints, putty, linseed oil, turpentine, etc. 165,766; Mar. 20; Serial No. 160,871; published Jan. 2, 1923.

Cincinnati Wholesale Grocery Company, The, Cincinnati, Ohio. Canned peas and tomatoes. 174,525; Oct. 16; Serial No. 177,360; published July 24, 1923.

Cincinnati Wholesale Grocery Company, The, Cincinnati, Ohio. Canned peas, corn, tomatoes, and pineapple. 175,776; Nov. 13; Serial No. 177,361; published Sept. 4, 1923.

Cinelli, G., Company, Tacoma, Wash. Olive oil. 165,030; Feb. 27.

Cino Auto Products Company, The. (See Cincinnati Lamp & Bracket Company.)

Circle Music Publishing Company, The, Cincinnati, Ohio. Sheet music. 169,447; June 19; Serial No. 172,827; published Mar. 20, 1923.

Circle Music Publishing Company, The, Cincinnati, Ohio. Musical instruments and supplies therefor. 175,770; Nov. 13; Serial No. 177,216; published Aug. 21, 1923.

Citizens' Wholesale Supply Company, Columbus, Ohio. Bay leaves, beans, flour, prunes, etc. 166,107; Mar. 27; Serial No. 147,156; published Oct. 25, 1922.

Citizens' Wholesale Supply Co., The, Columbus, Ohio. Candy. 167,681; May 8; Serial No. 154,791; published Feb. 13, 1923.

Citrus Growers Cash Association. (See Banks, Llewellyn A.)

Citrus Products Company. (See McCarthy, Margaret B., assignor.)

Citrus Products Company, Chicago, Ill. Beverages and sirups and concentrates for making same. 167,082; Apr. 24; Serial No. 154,483; published Aug. 22, 1922.

Citrus Products Company, Chicago, Ill. Beverages sold as soft drinks and compounds and concentrates for manufacturing the same. 167,099; Apr. 24; Serial No. 167,555; published Jan. 30, 1923.

Citrus Sales Corporation, Tampa, Fla. Fresh citrous fruits. 171,427; Aug. 7; Serial No. 171,903; published May 15, 1923.

City Dairies Company, The, St. Louis, Mo. Confection consisting of ice cream and cones containing the same. 165,773; Mar. 20; Serial No. 159,234; published Dec. 19, 1922.

City Dairy and Ice Cream Co., St. Joseph, Mo. Ice cream. 170,846; July 24; Serial No. 165,229; published Mar. 20, 1923.

City Mills Company, The, Columbus, Ga. Self-rising wheat flour. 166,146; Mar. 27; Serial No. 157,210; published Nov. 14, 1922.

City of Paris Dry Goods Company, San Francisco, Calif. Bath salts. 176,190; Nov. 20; Serial No. 175,917; published July 31, 1923.

City Refrigerator Company, Los Angeles, Calif. Refrigerator display cases. 176,409; Nov. 27; Serial No. 181,880; published Sept. 11, 1923.

Claflin, Charles E., Rensselaer, N. Y. Liniment. 169,612; June 26; Serial No. 172,515; published Feb. 27, 1923.

Claflins Incorporated, New York, N. Y. Cotton piece goods. 171,400; Aug. 7; Serial No. 176,668; published May 1, 1923.

Clairtex Knitting Company. (See Gelarie, Saul.)

Clancy, James E., Lynbrook, N. Y. Peanuts in the shell. 166,448; Apr. 3; Serial No. 166,346; published Jan. 16, 1923.

Clapp, Edwin, & Son, Inc., East Weymouth, Mass. Boots and shoes. 165,351; Mar. 6; Serial No. 169,198; published Nov. 14, 1922.

Clapp, Edwin, & Son, Inc., East Weymouth, Mass. Boots and shoes. 169,522; June 19; Serial No. 172,639; published Mar. 27, 1923.

Clar, Ernst, St. Georgental, Czechoslovakia. Rhinestones and chatons. 174,710; Oct. 23; Serial No. 172,862; published July 10, 1923.

Claravox Company, The, Youngstown, Ohio. Reproducers for phonographs and other talking machines. 169,183; June 12; Serial No. 172,583; published Mar. 6, 1923.

Clarendon M'f'g Company, New York, N. Y. Silk, linen, cotton, and jute piece goods and piece goods composed of combinations and mixtures. 169,542; June 19; Serial No. 170,054; published Nov. 7, 1922.

Claresa Chemical Works. (See Smith, J. Elmer.)

Clark, Daniel C., Boston, Mass. Leather shoes. 173,562; Sept. 25.

Clark, Geo. S., Baltimore, Md. Combined parking and stop-signal electric lamps for use on vehicles. 164,636; Feb. 27.

Clark, Guy O., Vancouver, British Columbia, Canada, and Seattle, Wash. Dairy product and pasteurizing the same. 176,357; Nov. 20.

Clark, J. C., Omaha, Nebr. Preparations for pyorrhea. 167,633; May 1; Serial No. 166,648; published Dec. 26, 1922.

Clark, L. H., Mfg. Co. Inc., Brooklyn, N. Y. Nightgowns. 171,251; July 31; Serial No. 169,891; published May 1, 1923.

Clark-Mesker Company, The, Cleveland, Ohio. Milling and relieving machines and profile grinders. 169.726; June 26.

Clark Paper & Manufacturing Co., Rochester, N. Y. Flour paste. 164,851; Feb. 27.

Clark Patent Tubing Co., Wheeling, W. Va. Paper tubes to be used with explosive powder in blasting. 170,043; July 10; Serial No. 175,069; published Apr. 10, 1923.

Clark, Perry O., Lodi, Calif. Fresh grapes. 168,587; May 29; Serial No. 164,101; published Feb. 20, 1923.

Clark Rubber Manufacturing Co., Franklin, Mass. Rubber outsoles, insoles and half soles, rubber heels. 176,035; Nov. 13; Serial No. 179,715; published Sept. 4, 1923.

Clark Tructractor Company, Buchanan, Mich. Motor-propelled trucks. 165,644–5; Mar. 13.

Clark Tructractor Company, Buchanan, Mich. Tractors. 166,312–13; Mar. 27.

Clark Tructractor Company, Buchanan, Mich. Motor-propelled trucks. 169,144; June 12; Serial No. 157,136; published Feb. 27, 1923.

Clark Tructractor Company, Buchanan, Mich. Tractors. 169,868; July 3; Serial No. 175,135; published Apr. 10, 1923.

Clark-Turner Piston Company, Los Angeles, Calif. Pistons for internal-combustion engines. 164,568; Feb. 20.

Clarke, Algernon E., Grand Rapids, Mich. Implements for weighing liquids and semisolids. 166,849; Apr. 17; Serial No. 165,662; published Jan. 23, 1923.

Clarke Chemical Co., The, Kansas City, Mo. Medicine for the treatment of ulcerative and diseased conditions of the mouth and throat. 169,767; July 3; Serial No. 169,283; published Mar. 13, 1923.

Class Journal Company, New York, N. Y. Semimonthly publication. 172,119; Aug. 21; Serial No. 175,385; published May 22, 1923.

Clausen, Holger V., doing business as Durable Garter Co., New York, N. Y. Garters and suspenders. 165,727; Mar. 20; Serial No. 168,957; published Dec. 19, 1922.

Claverie, Leon, Paris, France. Depilatory. 176,168; Nov. 20; Serial No. 177,275; published Aug. 28, 1923.

Clax Company, The. (See Plax Company.)

Clear Thru Oil Company. (See Scroggins, Hugh A.)

Clearwater, Henry P., Hallowell, Me. Pharmaceutical preparations for functional heart disturbances. 164,613; Feb. 20.

Clegg, Sherman D., doing business as Vinco Herb Company, Dayton, Ohio. Herb tablets for the stomach, liver, bowels, and blood. 172,719; Sept. 11; Serial No. 175,070; published May 22, 1923.

Clegg, William F., doing business as W. F. Clegg Cigar Company, Greensboro, N. C. Cigars. 172,221; Aug. 28; Serial No. 174,195; published May 29, 1923.

Cleveland Chemical Corporation, Wilmington, Del., and Cleveland, Ohio. Polishing materials. 176,448; Nov. 27; Serial No. 176,949; published Sept. 18, 1923.

Cleveland Metal Products Company, The, Cleveland, Ohio. Burner drums. 171,440; Aug. 7; Serial No. 161,302; published Apr. 24, 1923.

Cleveland Metal Products Company, The, Cleveland, Ohio. Burner drums. 173,870; Oct. 2; Serial No. 176,951; June 19, 1923.

Cleveland Overall Company, The, Cleveland, Ohio. Overalls. 172,202; Aug. 28; Serial No. 172,212; published May 29, 1923.

Cleveland Radio Manufacturing Company, The, Cleveland, Ohio. Radio sets and coupling coils, condensers, detectors, etc. 174,727; Oct. 23; Serial No. 162,667; published July 24, 1923.

Cleveland Shopping News Company, The, Cleveland, Ohio. Newspaper. 176,693; Nov. 27; Serial No. 159,409; published Sept. 11, 1923.

Cleveland Steel Barrel Company, The, Cleveland, Ohio. Pump outfits for dispensing lubricants and other fluids, parts thereof, and fittings thereof. 170,472; July 17; Serial No. 171,063; published Apr. 17, 1923.

Cleveland Twist Drill Company, The, Cleveland, Ohio. Metal-working small tools. 167,990; May 8.

Cleveland Twist Drill Company, The, Cleveland, Ohio. Metal-working small tools, sockets, etc. 168,219; May 15; Serial No. 172,321; published Feb. 27, 1923.

Cleveland Twist Drill Company, The, Cleveland, Ohio. Metal-working small tools. 169,822; July 3; Serial No. 174,358; published Apr. 10, 1923.

Cleveland Wire Spring Company, doing business as Ohio Spring Bed Company, Cleveland, Ohio. Bed springs. 172,305; Aug. 28; Serial No. 175,466; published May 15, 1923.

Cleveland Wire Spring Company, doing business as Ohio Bed Company, Cleveland, Ohio. Bed springs. 175,258; Sept. 18; Serial No. 175,465; published May 15, 1923.

Cleves, William B., doing business as Karmol Laboratory, Washington, D. C. Beauty clay. 176,983; Dec. 11; Serial No. 179,655; published Sept. 11, 1923.

Clicquot Club Company. (See Millis, Henry L., assignor.)

Cliett, Oran W., San Marcos, Tex. Corn and cane seeds, cottonseed. 176,939; Dec. 4.

Clifford, Charles T. H., doing business as Promo Products Co., Oakland, Calif. Carbon remover. 170,144; July 10; Serial No. 163,533; published Apr. 10, 1923.

Clifton Laboratories. (See Reed, Charles A. L.)

Clifton, Textile Company, Clifton, N. J. Knitted scarfs and hosiery. 163,557; Jan. 23.

Climax Engineering Co., Clinton, Iowa. Internal-combustion engines. 163.912; Feb. 6.

Clinton Copeland Co., Burlington, Iowa. Chocolate candies. 173,393; Sept. 25; Serial No. 162,532; published July 3, 1923.

Clinton Corn Syrup Refining Company, Clinton, Iowa. Corn sirup, gluten feed, oil-cake meal, etc. 169,121; June 5.

Clinton, E., & Co. Inc, Philadelphia, Pa. Hair, nail, tooth, flesh, etc., brushes. 167,952; May 8.

Clinton Motors Corporation, New York, N. Y. Motor trucks. 173,056; Sept. 11; Serial No. 176,536; published June 12, 1923.

Clinton, Sarah S., Fayetteville, N. C. Preparation for indigestion, gastritis, constipation, and dyspepsia. 164,180; Feb. 13.

Clipper Belt Lacer Company, Grand Rapids, Mich. Memoranda books. 172,120; Aug. 21; Serial No. 175,301; published May 22, 1923.

Clippinger, A. B., & Sons Manufacturing Co., The, Kansas City, Kans. Wagon boxes, spring seats, shoveling boards for wagon boxes, etc. 165,147; Mar. 6; Serial No. 146,413; published Oct. 17, 1922.

Cliver-Wright-Rainey Co., The, Cincinnati, Ohio. Men's, women's, and children's hosiery. 175,469; Nov. 6; Serial No. 182,134; published Aug. 28, 1923.

Close, George, Co., The, Cambridge, Mass. Chocolate-covered candies. 169,695; June 26.

Close, George Co., The, Cambridge, Mass. Candy. 170,483; July 17; Serial No. 172,517; published Apr. 17, 1923.

Close, George Co., The, Cambridge, Mass. Candy. 170,488; July 17; Serial No. 172,516; published Apr. 17, 1923.

Close, George, Co., The, Cambridge, Mass. Candy. 171,237; July 31; Serial No. 170,564; published May 8, 1923.

Close, George, Co., The, Cambridge, Mass. Candy. 173,347; Sept. 25; Serial No. 170,561; published June 26, 1923.

Cloveride Laboratories, Inc., Atlanta, Ga. Germicide. 164,479; Feb. 20.

Cloyes, Harold G., Boston, Mass. Recoil checkers. 170,106; July 10; Serial No. 168,102; published Apr. 10, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Cluett Peabody & Company, Inc., Troy, N. Y. Handkerchiefs. 165,458; Mar. 13; Serial No. 171,572; published Jan. 2. 1923.

Cluett, Peabody & Co. Inc., Troy, N. Y. Men's dress and negligee collars. 165,873; Mar. 20; Serial No. 171,304; published Dec. 26, 1922.

Cluett, Peabody & Company, Inc., Troy, N. Y. Handkerchiefs. 166,951; Apr. 17; Serial No. 171,787; published Jan. 30, 1923.

Cluett, Peabody & Company, Inc., Troy, N. Y. Collars. 174,365; Oct. 16; Serial No. 176,451; published July 17, 1923.

Cluett, Peabody & Company, Inc., Troy, N. Y. Collars. 174,834; Oct. 23; Serial No. 176,326; published Aug. 7, 1923.

Cluff, William, Company, Wilmington, Del., and San Francisco, Calif. Laundry soap. 173,872; Oct. 2; Serial No. 175,769; published June 26, 1923.

Clyde Creamery Company, Clyde, N. Y. Butter. 172.634; Sept. 11; Serial No. 167,290; published June 5, 1923.

Clymer, Floyd Manufacturing Company, The, Denver, Colo. Electric-lamp spotlights. 170,340; July 10.

Coari, C. A., doing business as Coari Peanut Products Co., Chicago, Ill. Peanuts and all kinds of nut meats and nut products. 173,354; Sept. 25; Serial No. 162,917; published June 26, 1923.

Coast Fishing Company, Incorporated, Wilmington, Calif. Canned fish. 173,406; Sept. 25; Serial No. 176,327; published June 26, 1923.

Coast Tire and Rubber Company, Oakland, Calif. Rubber tires. 175,557; Nov. 6; Serial No. 179,657; published Aug. 21, 1923.

Coaster Company, Salt Lake City, Utah. Hand sleds for snow and ice, interchangeable hand sleds with wheels, and toy wagons. 173,054; Sept. 11; Serial No. 176,603; published June 12, 1923.

Coaston, Mary C., Norfolk, Va. Hair dressing. 173,560; Sept. 25.

Cobb, Richard H., doing business as The Yeast-O-Mint Co., Cleveland, Ohio. Chewing gum. 173,390; Sept. 25; Serial No. 155,253; published July 3, 1923.

Coburn, Charles H., Laconia, N. H. Compound for removing carbon from gas engines. 168,052; May 15; Serial No. 169,846; published Feb. 6, 1923.

Coburn, Jane C., et al, successors. (See Roth, A. P., and Van Harlingen.)

Coca-Cola Bottling Co., New London, Conn. Beverages tion of food in the stomach. 170,011; July 10; Serial No. 172,663; published Apr. 3, 1923.

Cockcroft Silk Co. Inc., New York, N. Y. Silk and silk- sold as soft drinks and sirups for making same. 165,684; Mar. 20; Serial No. 170,426; published Dec. 19, 1922.

Cocroft, Susanna, Laboratories, Inc., New York, N. Y. Perfume, toilet water, face powder, rouge, etc. 172,792; Sept. 11; Serial No. 175,467; published June 5, 1923.

Cocroft, Susanna, Laboratories, Inc., New Yerk, N. Y. Perfume, toilet water, sachet powder, face powuer, etc. 172,955; Sept. 11; Serial No. 175,468; published June 5, 1923.

Cocroft, Susanna, Laboratories Inc., New York, N. Y. Soap. 175,150; Oct. 30; Serial No. 180,750; published Aug. 7, 1923.

Code, George, Boston, Mass. Tonic to assist the digesmixed fabrics. 171,620; Aug. 7; Serial No. 177,594; published May 1, 1923.

Coffin, Geo. E., Shoe Co., Lynn, Mass. Leather shoes. 172,504; Aug. 28.

Coggins, Leslie I., San Francisco, Calif. Toilet cream. 172,745; Sept. 11; Serial No. 167,972; published Apr. 24, 1923.

Cohagan Patent Piston Ring Manufacturing Company, The, Denver, Colo. Piston rings. 169,504; June 19; Serial No. 160,046; published Oct. 10, 1922.

Cohen, A., & Sons, New York, N. Y. Silver-plated hollow and flat ware excluding knives, for table service, and candlesticks. 169,428; June 12.

Cohen, A. M., Baltimore, Md. Men's, young men's, and boys' outer clothing. 166,607; Apr. 10; Serial No. 148,435; published Jan. 31, 1922.

Cohen, Abraham, & Son, New York, N. Y. Fabrics in the piece made wholly or in part of silk, cotton, and wool. 165,695; Mar. 20; Serial No. 170,127; published Dec. 26, 1922.

Cohen Brothers Manufacturing Co. Inc., New York, N. Y. Underwear, sweaters, dresses, knitted caps, and neckties and scarfs, etc. 164,797; Feb. 27.

Cohen Company Inc., The, Richmond, Va. Women's silk hosiery. 174,508; Oct. 16; Serial No. 180,271; published July 24, 1923.

Cohen & Edelman, New York, N. Y. Women's coats, skirts, knickerbockers, suits, and dresses. 172,602; Sept. 11; Serial No. 170,740; published June 5, 1923.

Cohen, Friedlander & Martin Co., The, Toledo, Ohio. Ladies' suits and coats. 166,598; Apr. 10; Serial No. 152,003; published Jan. 2, 1923.

Cohen, Harry H., doing business as Headcraft Cap Mfg. Co., Dallas, Tex. Caps. 172,505; Aug. 28.

Cohen, Harry and Charles, doing business as Biltrite Collar Co., New York, N. Y. Collars. 171,845; Aug. 14; Serial No. 171,151; published May 15, 1923.

Cohen, Irving, New York, N. Y. Footwear. 171,701; Aug. 7.

Cohen, J. H., doing business as The Connecticut Automotive Specialties Co. Inc., Bridgeport, Conn. Vacuum tank floats. 170,469; July 17; Serial No. 167,840; published Apr. 17, 1923.

Cohen, Jacob H., doing business as Arrow Knitting Company, New York, N. Y. Sweaters and sport coats. 173,487; Sept. 25; Serial No. 175,851; published June 19, 1923.

Cohen & Kraus, New York, N. Y. Ribbons and hatbands in piece and bolts. 169,541; June 19; Serial No. 169,892; published Mar. 20, 1923.

Cohen & Levinson, New York, N. Y. Hosiery, knitted underwear, and sweaters. 167,982; May 8.

Cohen, Louis N., & Co., Inc., New York, N. Y. Raincoats and rainproof men's and children's clothing. 173,454; Sept. 25; Serial No. 173,564; published June 26, 1923.

Cohen, M., & Bros., New York, N. Y. Furs, garments—namely, fur coats, capes, wraps, etc. 164,113; Feb. 13.

Cohen, M., & Bros., New York, N. Y. Fur garments. 164,242; Feb. 13.

Cohen, Morris, doing business as Morico Manufacturing Company, New York, N. Y. Antiseptic and astringent powder. 168,832; May 29; Serial No. 170,519; published Feb. 13, 1923.

Cohen, Nathan M., New York, N. Y. Handkerchiefs. 169,449; June 19; Serial No. 172,796; published Mar. 20, 1923.

Cohn, Alfred E., San Francisco, Calif. Overalls, pants, children's play suits, and shirts. 177,586; Dec. 18.

Cohn, Bennie, Los Angeles, Calif. Hosiery, suspenders, garters, arm bands, underwear, etc. 173,335; Sept. 25; Serial No. 169,949; published June 26, 1923.

Cohn Hall Marx Co., New York, N. Y. Cotton piece goods. 169,956; July 10; Serial No. 174,655; published Apr. 10, 1923.

Cohn Hall Marx Co., New York, N. Y. Cotton piece goods. 170,788; July 24; Serial No. 175,302; published Apr. 24, 1923.

Cohn Hall Marx Co., New York, N. Y. Cotton piece goods and cotton and silk mixtures in the piece. 173,387; Sept. 25; Serial No. 173,278; published Mar. 20, 1923.

Cohn Hall Marx Co., New York, N. Y. Cotton piece goods. 174,202; Oct. 9; Serial No. 180,963; published July 17, 1923.

Cohn Hall Marx Co., New York, N. Y. Cotton and cotton and silk mixture piece goods. 175,098; Oct. 30; Serial No. 179,853; published Aug. 7, 1923.

Cohn Hall Marx Co., New York, N. Y. Cotton piece goods, silk and cotton mixtures, and silk fabrics. 177,632; Dec. 25; Serial No. 173,322; published Mar. 20, 1923.

Cohn & Kaplan, New York, N. Y. Hats for women and misses. 169,393; June 12; Serial No. 166,039; published Mar. 6, 1923.

Cohn, Léon, doing business as Les Parfums Forest, Paris, France. Perfume, toilet water, face powder, etc. 177,208; Dec. 11; Serial No. 177,547; published Sept. 18, 1923.

Cohn, Michael, doing business as Cohn's Credit Clothing Co., Brooklyn, N. Y. Men's and young men's suits and overcoats. 166,669; Apr. 10; Serial No. 165,349; published Dec. 19, 1922.

Cohn & Rosenberger, Inc., New York, N. Y. Buckles, necklaces, bracelets, hat ornaments, etc. 166,571; Apr. 10; Serial No. 165,912; published Dec. 26, 1922.

Cohn & Rosenberger, Inc., New York, N. Y. Bracelets and earrings. 174,570; Oct. 23; Serial No. 178,224; published July 10, 1923.

Cohn's Credit Clothing Co. (See Cohn, Michael.)

Cokal Stoker Corporation, Chicago, Ill. Paint especially for use on boiler settings, steam-pipe covering, bridges, etc. 165,829; Mar. 20; Serial No. 171,573; published Dec. 26, 1922.

Colby Steel and Engineering Co., Seattle, Wash. Industrial trucks and trailers. 169,994; July 10; Serial No. 142,775; published Apr. 3, 1923.

Colby Steel and Engineering Co., Seattle, Wash. Cranes. 177,012; Dec. 11; Serial No. 157,759; published Sept. 25, 1923.

Colchagoff, John, New Haven, Conn. Bulgarian yeast cream. 166,264; Mar. 27; Serial No. 165,271; published Jan. 2, 1922.

Cole, Albert J., doing business as Three-In-One Lantern Company, Denver, Colo. Electric lanterns. 174,707; Oct. 23; Serial No. 177,036; published July 10, 1923.

Cole, B. E., Co., Inc., Haverhill, Mass. Leather boots and shoes. 168,265; May 15; Serial No. 170,055; published Feb. 27, 1923.

Cole Chemical Company, St. Louis, Mo. Tonics, preparations for use in the treatment of hyperthyroidism, goiter, etc. 172,852; Sept. 11; Serial No. 175,770; published June 5, 1923.

Cole, Clifford E., doing business as Southern Manufacturing Co., Birmingham, Ala. Roof flashings. 165,160; Mar. 6; Serial No. 148,425; published Nov. 28, 1922.

Cole, Eva J., doing business as Dr. A. B. Simpson Co., Richmond, Ind. Alterative tonic. 164,174; Feb. 13.

Cole Visible Gas Gauge Company, Los Angeles, Calif. Illuminating reflectors. 167,862; May 8; Serial No. 152,363; published Feb. 6, 1923.

Cole, William H., & Co., Ltd., Painswick, England. Notions and small wares. 173,596; Oct. 2; Serial No. 167,973; published June 12, 1923.
Colebrookdale Iron Company, Colebrookdale, Pa. Sadirons. 164,393; Feb. 20.
Coleman and Company Limited, Norwich, England. Liquor or liquid preparation containing malt. 169,877; July 3; Serial No. 140,917; published Apr. 3, 1923.
Coleman and Company, Limited, Norwich, England. Food preparations containing extract of meat and other ingredients. 171,193; July 31; Serial No. 140,919; published May 8, 1923.
Coleman-Dobson-Cannon Co., Inc., Nashville, Tenn. Periodical issued weekly. 172,132; Aug. 21; Serial No. 174,558; published May 22, 1923.
Coleman, Harry, London, England. Woolen fabrics. 175,470; Nov. 6; Serial No. 182,234; published Aug 28, 1923.
Coleman Lamp Co., Wichita, Kans. Incandescent gas-mantles. 165,071; Mar. 6; Serial No. 163,433; published Nov. 7, 1922.
Coleman Lamp Co., Wichita, Kans. Air pumps and parts therefor. 166,962; Apr. 17.
Coleman Lamp Co., Wichita, Kans. Self-heating gasoline sadirons and parts thereof. 168,012; May 8.
Coleman Lamp Co., Wichita, Kans. Portable gasoline lamps and lanterns, hollow-wire lighting plants and fixtures, etc. 168,517; May 22.
Coleman Lamp Company, The, Wichita, Kans. Air-pressure pumps. 165,940–1; Mar. 20.
Colfax Fruit Growers Assn., Colfax, Calif. Fresh deciduous fruits. 174,624; Oct. 23; Serial No. 179,459; published July 31, 1923.
Colgate & Co., Jersey City, N. J., and New York, N. Y. Soaps. 164,131; Feb. 13.
Colgate & Co., assignor to Colgate & Company, Jersey City, N. J. Soaps, perfumery, and toilet preparations. 22,546–8; renewed Feb. 28, 1923.
Colgate & Co., New York, N. Y., assignor to Colgate & Company, Jersey City, N. J. Toilet soap. 23,623; renewed Sept. 19, 1923.
Colgate & Company, Jersey City, N. J. Liquid and powdered perfumes. 163,222; Jan. 2.
Colgate & Company, Jersey City, N. J. Soap. 167,542; May 1. Serial No. 170,710; published Jan. 23, 1923.
Colgate & Company, Jersey City, N. J. Soap. 167,949; May 8.
Colgate & Company, Jersey City, N. J. Perfumes, perfume powders, and toilet waters. 169,757; July 3; Serial No. 171,201; published Mar. 27, 1923.
Colgate & Company, Jersey City, N. J. Soap. 169,480; June 19; Serial No. 174,292; published Mar. 20, 1923.
Colgate & Company, Jersey City, N. J. Liquid and powdered perfumes. 172,666; Sept. 11; Serial No. 174,291; published May 29, 1923.
Colgate & Company, Jersey City, N. J. Rouge. 172,667; Sept. 11; Serial No. 174,290; published May 29, 1923.
Colgate & Company, Jersey City, N. J. Soaps. 173,810; Oct. 2; Serial No. 171,451; published June 12, 1923.
Colgate & Company, Jersey City, N. J. Perfumes and toilet waters. 174,679–82; Oct. 23; Serial No. 179,776–9; published July 31, 1923.
Colgate & Company, Jersey City, N. J., and New York, N. Y. Shaving soap. 175,282; Oct. 30.
Colgate & Company, Jersey City, N. J. Soap for shaving. 175,899; Nov. 13; Serial No. 176,250; published Aug. 21, 1923.
College Inn Food Products Co., Chicago, Ill. Cooked and canned food products. 175,067; Oct. 30; Serial No. 170,865; published Aug. 14, 1923.
Collegian, The, Minneapolis, Minn. Neckties, cravats, scarfs, hats, caps. 169,881; July 3; Serial No. 148,973; published Apr. 3, 1923.
Collegiate World Publishing Company, The, Chicago, Ill. Quarterly magazine. 176,422; Nov. 27; Serial No. 181,730; published Sept. 18, 1923.
Collier Company, The. (See Collier, Lester.)
Collier, Lester, doing business as The Collier Company, New York, N. Y. Paper clips. 165,316; Mar. 6; Serial No. 167,384; published Nov. 7, 1922.
Collier, P. F., & Son Company, New York, N. Y. Series of books. 167,961–2; May 8.
Collier, P. F., & Son Company, New York, N. Y. Series of books. 177,286; Dec. 11.
Collins & Aikman Co., Philadelphia, Pa. Velvet, velour, plush, etc. 177,670; Dec. 25; Serial No. 180,654; published Oct. 2, 1923.
Collins Art Company, Inc., Fort Worth, Tex. Lead and zinc enamels, varnishes, and ready-mixed paints. 164,550; Feb. 20.
Collins Company, The, Collinsville, Conn. Agricultural implements, cutlery and edge tools, and machinists' tools. 163,887; Feb. 6.
Collins Company, The, Collinsville, Conn. Pickaxes, crowbars, wrenches, tercados, mattocks, etc. 170,241; July 10; Serial No. 174,559; published Apr. 3, 1923.
Collins, J. N., Company, Minneapolis, Minn. Candy. 165,540; Mar. 13; Serial No. 160,048; published Dec. 12, 1922.
Collins, J. N., Company, Minneapolis, Minn. Candies. 165,544; Mar. 13; Serial No. 160.488; published Dec. 12, 1922.
Collins, J. N., Company, Minneapolis, Minn. Candies. 165,973; Mar. 27; Serial No. 160,489; published Dec. 12, 1922.
Collins, J. N., Company, Minneapolis, Minn. Candies. 171,250; July 31; Serial No. 160,488; published Dec. 12, 1922.
Collins Mfg. Co., Holyoke, Mass. Ledger, writing, and printing paper. 163,919; Feb. 6.
Collins Mfg. Co., Holyoke, Mass. Bond, ledger, and superfine writing and printing paper. 163,928; Feb. 6.
Collins Mfg. Co., Holyoke, Mass. Bond and ledger writing and printing paper. 163,992; Feb. 6.
Collins Mfg. Co., Holyoke, Mass. Bond writing and printing paper. 163,993; Feb. 6.
Collins Mfg. Co., Holyoke, Mass. Ledger writing and printing paper. 168,531–3; May 22.
Collins Mfg. Co., Holyoke, Mass. Bond writing and printing paper. 168,534; May 22.
Collins Mfg. Co., Holyoke, Mass. Bond writing and printing paper. 171,017; July 31; Serial No. 168,836; published May 15, 1923.
Colodzin & Edlman, New York, N. Y. Hosiery, underwear, sweaters, etc. 171,935; Aug. 14.
Colonial Biscuit Company, The, Philadelphia, Pa. Cakes. 176,502; Nov. 27; Serial No. 159,410; published Aug. 7, 1923.
Colonial Brass Works, Inc., The, New Britain, Conn. Hand valves for gas, steam, and water. 173,686; Oct. 2; Serial No. 177,651; published June 12, 1923.
Colonial Brass Works, Inc., The, New Britain, Conn. Hand valves for gas, steam, and water. 173,752; Oct. 2; Serial No. 177,652; published June 12, 1923.
Colonial Butter & Egg Co., Inc., New York, N. Y. Fresh eggs. 167,268; Apr. 24; Serial No. 152,606; published Dec. 19, 1922.
Colonial Lamp & Fixture Works, Chicago, Ill. Electric-lighting fixtures. 169,440–1; June 19; Serial Nos. 173,176–7; published Mar. 27, 1923.
Colonial Novelty Co., Philadelphia, Pa. Nuts. 168,669; May 29; Serial No. 152,740; published Feb. 20, 1923.
Colonial Packing Co., Los Angeles, Calif. Canned chili tomato sauce. 177,176; Dec. 11; Serial No. 180,965; published Sept. 25, 1923.
Colonial Works, Brooklyn, N. Y. Paste paint and ready-mixed paint. 174,238; Oct. 9; Serial No. 180,097; published July 3, 1923.
Colonna, D., & Son, Union Hill, N. J. Grated cheese. 167,473; May 1. Serial No. 166,876; published Jan. 9, 1923.
Colorado Milling & Elevator Co., The, Denver, Colo., also doing business as The Burley Flour Mills, Burley, Idaho. Wheat flour. 167,200; Apr. 24; Serial No. 162,609; published Dec. 12, 1922.
Colorado Milling & Elevator Co., The, doing business as The Monte Vista Flour Mills, Denver, and Monte Vista, Colo. Wheat flour. 167,267; Apr. 24; Serial No. 152,784; published Dec. 26, 1922.
Colorado Milling & Elevator Company, The, Denver, also doing business as The Eaton Flour Mills, Eaton, Colo., and as Pacific Seed House, Salt Lake City, Utah. Grass, field, and garden seeds. 167,401; May 1; Serial No. 166,288; published Jan. 23, 1923.
Colorado Milling & Elevator Co., The Denver, also doing business as The Ft. Collins Flour Mills, Fort Collins, Colo. Wheat flour. 170,844; July 24; Serial No. 163,258; published Mar. 27, 1923.
Colorado Milling & Elevator Co., also doing business as The Mesa Flour Mills, Denver and Grand Junction, Colo. Wheat flour. 173,490; Sept. 25; Serial No. 175,470; published June 19, 1923.
Colsman, Carl, doing business as Colsman & Co., Werdohl, Germany. Household and kitchen utensils made of aluminum. 174,755; Oct. 23; Serial No. 165,528; published July 24, 1923.
Colson Company, The, Elyria, Ohio. Children's three-wheeled vehicles. 174,303; Oct. 9.
Colson Company, The, Elyria, Ohio. Toy vehicles. 175,437; Nov. 6; Serial No. 148,870; published Aug. 28, 1923.
Colter & Bernie, New York, N. Y. Hosiery and underwear of knitted and textile fabric. 173,174; Sept. 18; Serial No. 171,152; published June 19, 1923.
Colton Brothers Company, The, Bellefontaine, Ohio. Self-rising flour. 165,127; Mar. 6; Serial No. 160,583; published Nov. 14, 1922.
Colton Brothers Company, The, Bellefontaine, Ohio. Breakfast cereals. 176,755; Nov. 27; Serial No. 175.386; published Aug. 7, 1923.
Colton & Collins, Inc., Oakland, Calif. Ointment and solution for use in the treatment of eczema and sirup sanguinaria compound for colds and coughs. 175,441; Nov. 6; Serial No. 132,170; published Aug. 8, 1922.
Colton, Geo. S., Elastic Web Co., Easthampton, Mass. Elastic webs. 168,922; May 29; Serial No. 144,801; published Mar. 13, 1923.
Colt's Patent Firearms Manufacturing Company, Hartford, Conn. Firearms. 163,464; Jan. 16.
Colucci, Fred. C., Ashtabula, Ohio. Confectionery in the form of frozen dainties. 169,229; June 12; Serial No. 166,290; published Mar. 20, 1923.
Columbia Ave. Beauty Parlor. (See Holway, Sadie.)

Alphabetical list of registrants of trade-marks—Continued.

Columbia Bottling Works. (See Lefas, Stephen D.)
Columbia Products Company. (See Thoma, Otto.)
Columbia Ribbon & Carbon Mfg. Co., New York, N. Y. Typewriter ribbons and carbon paper. 168,426; May 22; Serial No. 172,320; published Feb. 20, 1923.
Columbia Shirt Company, New York, N. Y. Dress and negligee shirts. 176,559–60; Nov. 27; Serial Nos. 180,788–9; published Sept. 11, 1923.
Columbia Steel Equipment Company, Philadelphia, Pa. Filing cabinets. 176,090; Nov. 13.
Columbia Tire & Rubber Company, The, Mansfield, Ohio. Inner tubes for pneumatic tires, cord tires, and fabric tires. 167,142; Apr. 24; Serial No. 156,776; published Mar. 14, 1922.
Columbia Tire & Rubber Company, Mansfield, Ohio. Rubber pneumatic tires and tubes. 165,245; Mar. 6.
Columbia Wax Products Co., New York, N. Y. Candles. 165,862; Mar. 20; Serial No. 154,550; published Jan. 2, 1923.
Columbian Rope Company, Auburn, N. Y. Rope. 164,404; Feb. 20.
Columbian Rope Company, Auburn, N. Y. Rope. 170,136; July 10; Serial No. 161,619; published Apr. 10, 1923.
Columbian Steel Tank Company. (See Kramer, Andrew A.)
Columbus Auto Parts Company, The, Columbus, Ohio. Connecting and cross or tie rods or tubes for use in steering mechanisms of motor-driven vehicles. 172,500; Aug. 28.
Columbus Handle & Tool Co., The, Columbus, Ind. Tool handles. 163,654; Jan. 23.
Columbus Heating & Ventilating Company, The, doing business as Buckeye Blower Company, Columbus, Ohio. Combined heater and ventilator. 167,873; May 8; Serial No. 168,100; published Feb. 6, 1923.
Columbus Manufacturing Company, Columbus, Ga. Unbleached cotton sheetings. 163,465; Jan. 16.
Columbus Manufacturing Company, Columbus, Ga. Cotton sheetings. 169,718; June 26.
Columbus McKinnon Chain Company, The, Columbus, Ohio. Chains. 163,849; Jan. 30.
Columbus McKinnon Chain Company, The, Columbus, Ohio. Chains. 164,296; Feb. 20.
Columbus McKinnon Chain Company, The, Columbus, Ohio. Tire chains. 174,497; Oct. 16; Serial No. 179,031; published July 24, 1923.
Columbus McKinnon Chain Company, The, Columbus, Ohio. Tire-chain fasteners. 175,167; Oct. 30; Serial No. 181,673; published Aug. 14, 1923.
Columbus Pile Remedy Company, The. (See Heed, Rudolph B.)
Columbus-Union Oil Cloth Co., The, Columbus, Ohio. Table oilcloth. 177,242; Dec. 11; Serial No. 181,383; published Sept. 11, 1923.
Comas Cigarette Machine Company, Salem, Va. Machinery used in the manufacture of cigarettes. 166,803; Apr. 17; Serial No. 168,457; published Jan. 23, 1923.
Combier & Cie., Saumur, France. Beverages sold as soft drinks. 170,374; July 17; Serial No. 174,166; published Apr. 10, 1923.
Comet's California Orange Drink Co., Los Angeles, Calif. Nonalcoholic, maltless orange drink. 171,059; July 31; Serial No. 176,452; published May 15, 1923.
Comly, Flanigen, Company, Philadelphia, Pa. Canned fruits, vegetables, fish, and pork and beans, etc. 175,745; Nov. 13; Serial No. 162,870; published Aug. 28, 1923.
Commander Mill Co., Minneapolis, Minn. Wheat flour. 177,216; Dec. 11; Serial No. 176,251; published Sept. 18, 1923.
Commercial Advertiser Association, The, New York, N. Y. Daily newspaper. 163,735; Jan. 23.
Commercial Appliance Co., Los Angeles, Calif. Writing pad. 165,834; Mar. 20; Serial No. 171,202; published Dec. 26, 1922.
Commercial Chemical Co., Memphis, Tenn. Polish and dye for shoes and other leather and fabric articles. 176,805; Nov. 27.
Commercial Chemical Company, Memphis, Tenn. Insecticides. 175,480; Nov. 6; Serial No. 179,460; published Aug. 21, 1923.
Commercial Paste Co., The, Columbus, Ohio. Adhesive in the form of paste. 170,299; July 10; Serial No. 176,788; published Apr. 10, 1923.
Commercial Publishing Company, The, Memphis, Tenn. Daily and weekly newspapers. 165,224; Mar. 6; Serial No. 165,621; published Dec. 5, 1922.
Commercial Solvents Corporation, New York, N. Y. Dairy and stock feed. 167,393; May 1; Serial No. 164,156; published Dec. 19, 1922.
Commercial Truck Company, Philadelphia, Pa. Magazine issued monthly. 176,710; Nov. 27; Serial No. 183,196; published Sept. 11, 1923.
Common Sense Mfg. Co. (See Shield, Henry.)
Commonwealth Color & Chemical Co., Brooklyn, N. Y. Printing inks. 174,620; Oct. 23; Serial No. 179,357; published July 24, 1923.
Commonwealth Shoe and Leather Company, Boston, Mass. Shoe soles and shoes equipped with such soles. 163,922; Feb. 6.
Commonwealth Shoe and Leather Company, Boston, Mass. Leather boots and shoes. 176,211; Nov. 20; Serial No. 178,894; published Aug. 28, 1923.
Commonwealth Shoe and Leather Company, Boston, Mass. Leather boots and shoes. 176,342; Nov. 20.
Commonwealth Shoe and Leather Company, Boston, Mass. Leather boots and shoes. 176,375; Nov. 20.
Community Advertising Co. (See Serage, Francis L.)
Community Stores Sales Co. (See Com-Unity Stores Sales Company, assignor.)
Compagnie de Produits Chimiques et Electrometallurgiques Alais Froges et Camargue, Lyon, France. Aluminum ingots and all kinds of raw metal ingots, bars, sheets, etc. 165,601; Mar. 13; Serial No. 167,933; published Dec. 19, 1922.
Compagnie Française des Parfums d'Orsay, Paris and Puteaux, France. Toilet waters, sachets, lip sticks, etc. 177,810; Dec. 25.
Compagnie Generale d'Electricite, Paris, France. Plastic material similar in its uses and applications to casein products and phenol condensation products. 165,949; Mar. 27; Serial No. 129,203; published Oct. 17, 1922.
Compagnie Industrielle et Commerciale du Cycle et de l'Automobile, Neuilly-sur-Seine, near Paris, France. Electrically-operated warning devices—namely, horns, hooters, sirens, bells, etc. 164,732; Feb. 27.
Compania De Jarcia De Matanzas S. A., Matanzas, Cuba. Rope and twine. 176,594; Nov. 27; Serial No. 179,135; published Sept. 18, 1923.
Compressed Carbonic Company, Baltimore, Md. Carbonic-acid gas. 167,602; May 1; Serial No. 165,063; published Dec. 26, 1922.
Compton, W. H., Shear Company, The, Newark, N. J. Shears, scissors, and tinners' snips. 166,324; Mar. 27.
Compyrin Laboratories. (See Fleming, Harold.)
Comstock-Bolton Company, Kansas City, Mo. Bottle cappers. 169,269; June 12; Serial No. 154,350; published Mar. 20, 1923.
Comstock Drug Company, The, Horse Cave, Ky. Nonalcoholic, maltless carbonated soft fruit drinks. 164,914; Feb. 27.
Com-Unity Stores Sales Company, assignor to Community Stores Sales Co., Birmingham, Ala. Bags of paper, cloth, or woven fabric, baskets, boxes, bottles, buckets, etc. 165,909; Mar. 20.
Concentrated Products Corporation, Carlstadt, N. J., and New York, N. Y. Liquid soap compound. 165,100; Mar. 6; Serial No. 160,693; published Nov. 28, 1922.
Concentrated Products Corporation, Carlstadt, N. J., and New York, N. Y. Shampoo. 170,412; July 17; Serial No. 173,323; published Apr. 10, 1923.
Concentrated Products Corporation, Carlstadt, N. J., and New York, N. Y. Laundry soap. 174,863; Oct. 23; Serial No. 180,527; published July 31, 1923.
Concrete Machinery & Supply Co., Los Angeles, Calif. Concrete-mixing machines and brickmaking machines. 167,273; Apr. 24; Serial No. 152,066; published Jan. 16. 1923,
Condé Perfumer, New York, N. Y. Face powders and creams, perfumes, rouges, etc. 163,038; Jan. 2.
Condé, Perfumer, New York, N. Y. Face powders and creams, perfumes, toilet waters, rouges, etc. 172,879; Sept. 11; Serial No. 175,918; published May 29, 1923.
Condit Electrical Mfg. Co., Boston, Mass. Air circuit breakers, switches, coils, etc. 170,955; July 24.
Condit, Park N., Boston, Mass. Ammoniacal silver nitrate solution, formalin, silver-nitrate stain remover, etc. 167,462; May 1; Serial No. 167,225; published Jan. 9, 1923.
Condrajian, Aram K., Fresno, Calif. Salves and pills used in the treatment of piles. 176,289; Nov. 20; Serial No. 180,328; published Aug. 28, 1923.
Coney-Cone Company, The. (See Goodwin, Harry L.)
Con-Ferro Paint & Varnish Co., St. Louis, Mo. Ready-mixed paints, varnish stains, and paint enamels. 167,928; May 8; Serial No. 171,258; published Feb. 13, 1923.
Con-Ferro Paint & Varnish Co., St. Louis, Mo. Paints, varnish stains, and enamels. 172,174; Aug. 21.
Congoleum Company. (See Salem Manufacturing Company, assignor.)
Conklin, E. W., and Son. (See Conklin, Horace E.)
Conklin, Horace E., doing business as E. W. Conklin and Son, Binghamton, N. Y. Grass or field seeds and seed grains. 168,325; May 22; Serial No. 166,345; published Dec. 19, 1922.
Conklin, Roscoe A., Chicago, Ill. Metallic plant boxes. 166,196; Mar. 27; Serial No. 162,159; published Dec. 19. 1922.
Conley, Frederick T., doing business as Symbolox Box Co., South Boston, Mass. Toothbrush containers. 170,295; July 10; Serial No. 175,771; published Apr. 17, 1923.
Connecticut Automotive Specialties Co., The. (See Cohen, J. H.)
Connecticut Telephone & Electric Company, Inc., The, Meriden, Conn. Electric insulating compound and insulating parts of electrical apparatus made therefrom. 165,191; Mar. 6; Serial No. 168,255; published Nov. 14, 1922.
Connecticut Telephone & Electric Company, Incorporated, The, Meriden, Conn. Electron tubes, sockets for electron tubes, rheostats, etc. 172,319; Aug. 28; Serial No. 176,400; published May 29, 1923.

Conner, Geo. W., Boston, Mass. Metal canopies for electric-light fixtures. 169,698; June 26.

Conner, Geo. W., Boston, Mass. Metal-fixture canopies. 172,222; Aug. 28; Serial No. 174,234; published May 29, 1923.

Conniff, Harry, doing business as Angeles Packing Company, Seattle, Wash. Canned salmon. 171,236; July 31; Serial No. 170,566; published May 1, 1923.

Connolly, Henry G., Los Angeles, Calif. Automatic oils for the treatment of disorders of the throat, lungs, etc. 173,108; Sept. 18; Serial No. 176,952; published June 12, 1923.

Connolly, Ira, doing business as Empire Chemical Co., Hanna, W. Va. Liniment. 169,901; July 3; Serial No. 171,485; published Mar. 13, 1923.

Con-O-Lite Corporation, Cortland, N. Y. Burial vaults. 170,642; July 17; Serial No. 176,072; published Apr. 17, 1923.

Conover, Harvey, Chicago, Ill. Cigarettes. 165,761; Mar. 20; Serial No. 170,679; published Dec. 12, 1922.

Conrad, Henry W., Momence, Ill. Bread, rolls, and buns. 167,462; May 1; Serial No. 167,225; published Jan. 9, 1923.

Conried, Flora, New York, N. Y. Children's dresses, hats, coats, sweaters and suits. 171,904; Aug. 14.

Conroy, Harry E., doing business as Edco Manufacturing Co., Wilkes-Barre, Pa. Repair patches for pneumatic tubes. 167,445; May 1; Serial No. 160,582; published Jan. 2, 1923.

Conservatine Chemical Products Company. (See Rosenberg, Kate F.)

Consolidated Accessories Manufacturers Corporation, Frederick, Md. Pumps. 166,654; Apr. 10; Serial No. 149,214; published Jan. 9, 1923.

Consolidated Cigar Corporation, New York, N. Y. Cigars. 176,144; Nov. 20; Serial No. 183,734; published Sept. 11, 1923.

Consolidated Hat Co., New York, N. Y. Misses' and children's hats. 176,875; Dec. 4; Serial No. 181,674; published Sept. 11, 1923.

Consolidated Iron-Steel Manufacturing Company, The, Cleveland, Ohio. Oil-lamp stoves. 163,039–40; Jan. 2.

Consolidated Iron-Steel Manufacturing Company, The, Cleveland, Ohio. Oil-lamp stoves. 167,442; May 1; Serial No. 161,235; published Jan. 2, 1923.

Consolidated Merchants Syndicate, Inc., New York, N. Y. Toilet soap. 165,891; Mar. 20.

Consolidated Mills Company. (See Alfocorn Milling Company.)

Consolidated Mining and Smelting Company of Canada, Limited, The Trail, British Columbia, Canada. Lead, zinc, copper, gold, silver, antimony, and iron. 174,968; Oct. 30; Serial No. 158,417; published Aug. 7, 1923.

Consolidated Products Co., Chicago, Ill. Concentrated buttermilk. 176,959; Dec. 11; Serial No. 177,364; published Sept. 18, 1923.

Consolidated Rendering Co., Boston, Mass. Tallow. 171,944; Aug. 14.

Consolidated Rendering Co., Boston, Mass. Oleo, oleo oil, and shortening. 172,462; Aug. 28; Serial No. 162,723; published May 8, 1923.

Consolidated Rendering Co., Boston, Mass. Tallow used in making soap. 174,931; Oct. 23.

Consolidated Rendering Company, Boston, Mass. Oleo, oleo oil, and shortening. 177,225; Dec. 11; Serial No. 175,187; published Sept. 18, 1923.

Consolidated Steel Corporation, New York, N. Y. Fabricated structural steel and reenforcing bars for concrete construction. 169,138; June 12; Serial No. 155,485; published Mar. 13, 1923.

Consolidated Steel Corporation, New York, N. Y. Vehicle axles and wheels, mounted wheels, and metal tires. 169,151; June 12; Serial No. 162,982; published Mar. 13, 1923.

Consolidated Steel Corporation, New York, N. Y. Planers, boring, milling, and drilling machines, presses, etc. 169,265; June 12; Serial No. 155,487; published Mar. 20, 1923.

Consolidated Steel Corporation, New York, N. Y. Certain articles of iron or steel, wrought and unwrought. 169,266; June 12; Serial No. 155,486; published Mar. 20, 1923.

Consolidated Steel Corporation, New York, N. Y. Black and galvanized sheets and tin plate. 169,303; June 12; Serial No. 167,935; published Mar. 20, 1923.

Consolidated Textile Corporation, New York, N. Y. Cotton crêpe, printed, woven, and in plain colors. 166,954; Apr. 17; Serial No. 170,808; published Jan. 30, 1923.

Consolidated Textile Corporation, New York, N. Y. Unbleached sheeting. 174,819; Oct. 23; Serial No. 172,031; published July 24, 1923.

Consolidated Textile Corporation, New York, N. Y. Cotton piece goods. 174,881; Oct. 31; Serial No. 181,558; published Aug. 7, 1923.

Consolidated Textile Corporation, New York, N. Y. Mercerized cotton piece goods. 176,054; Nov. 13; Serial No. 181,559; published Sept. 4, 1923.

Consolidated Tool Works, Inc., New York, N. Y. Hacksaw frames and coping-saw frames. 172,262; Aug. 28; Serial No. 176,883; published May 29, 1923.

Consolvo Manufacturing Company, Inc., South Norfolk, Va. Chemical used as a flux for the preparation of an antirusting soldering solution. 170,725; July 24; Serial No. 172,664; published Apr. 24, 1923.

Consolvo Manufacturing Co., Inc., South Norfolk, Va. Paint and varnish removers. 177,385; Dec. 18; Serial No. 181,475; published Oct. 2, 1923.

Constantino, Alex, Fort Smith, Ark. Beverage sold as a soft drink. 164,816; Feb. 27.

Consumers Biscuit Company, New Orleans, La. Molded sugar candy in the shape of chickens, rabbits, and eggs. 166,430; Apr. 3; Serial No. 164,232; published Jan. 9, 1923.

Consumers Biscuit Company, New Orleans, La. Candy. 176,998; Dec. 11; Serial No. 176,164; published Sept. 25, 1923.

Continental Ampower Company. (See Jester, Jerome K.)

Continental Auto Parts Company, Columbus, Ind. Spring shackle and other bolts, nuts, and metal washers. 173,178; Sept. 18; Serial No. 170,475; published June 19, 1923.

Continental Car Company of America, Louisville, Ky. Commercial truck bodies, dump, mine, quarry, and industrial car bodies. 167,827; May 8; Serial No. 170,008; published Feb. 20, 1923.

Continental Car Company of America, Louisville, Ky. Automobile and truck bodies, cabs, motor busses, etc. 171,353; Aug. 7; Serial No. 171,203; published May 1, 1923.

Continental Chemical Corporation, Watseka, Ill. Waxes and wax stains. 168,771; May 29; Serial No. 173,913; published Feb. 27, 1923.

Continental Drug & Chemical Co. Incorporated, El Paso, Tex. Bay rum, borax powder, carbolic acid, etc. 169,591; June 26; Serial No. 150,995; published Feb. 27, 1923.

Continental Drug Corporation, St. Louis, Mo. Toilet articles and preparations. 168,058; May 15; Serial No. 170,056; published Feb. 6, 1923.

Continental Fibre Company, The, Newark, Del. Composite material. 174,392; Oct. 16; Serial No. 174,236; published July 17, 1923.

Continental File Corporation, Anderson, Ind. File. 165,525; Mar. 13; Serial No. 164,495; published Oct. 3, 1922.

Continental File Corporation, Anderson, Ind. File. 171,672; Aug. 7.

Continental Glue Co. (See Flach, Louis J.)

Continental Mills, Inc., Philadelphia and Germantown, Pa. Woolen fabrics in the piece. 174,634–5; Oct. 23; Serial No. 181,731–2; published Aug. 7, 1923.

Continental Oil Company, The, Denver, Colo. Lubricating oils and greases. 166,155; Mar. 27; Serial No. 154,863; published Dec. 19, 1922.

Continental Packing Corporation. (See American Cone and Pretzel Company.)

Continental Radio & Electric Corporation, New York, N. Y. Radio transmitting and receiving sets and parts thereof, vacuum cleaners, etc. 175,896; Nov. 13; Serial No. 175,712; published Sept. 4, 1923.

Continental Refining Company, Cornplanter, Pa. Petroleum, gasoline, automobile and engine oils, and cup and axle grease. 165,199; Mar. 6; Serial No. 167,713; published Dec. 12, 1922.

Continental Roofing & Manufacturing Co., The, Highlandtown, Baltimore, Md. Asphalt roofing. 175,876; Nov. 13; Serial No. 180,050; published Sept. 4, 1923.

Continental Roofing & Manufacturing Co., The, Highlandtown, Baltimore, Md. Roofing material. 175,877; Nov. 13; Serial No. 180,051; published Sept. 4, 1923.

Continental Roofing & Manufacturing Co., Highlandtown, Baltimore, Md. Green mineral surfaced roofing. 175,923; Nov. 13; Serial No. 180,049; published Sept. 4, 1923.

Continental Rubber Company of New York, New York, N. Y. Unvulcanized Guayule rubber. 170,538; July 17; Serial No. 174,427; published Apr. 24, 1923.

Continental Watch and Jewelry Co. (See Goldin, Meyer.)

Continental Wood Screw Co., New Bedford, Mass. Wood screws. 177,255; Dec. 11; Serial No. 184,280; published Sept. 25, 1923.

Contra Chemical Co. (See Schmidt, Frank P.)

Contrado, Fred, doing business as Uncle Sam's Hygienic Mattress Co., Boston, Mass. Mattresses, box springs, and pillows. 163,954; Feb. 6.

Controllograph Co., The, Los Angeles, Calif. Ticket printing, registering, issuing, adding, etc., machines. 169,081; June 5; Serial No. 172,978; published Mar. 6, 1923.

Cook, Annie F., Richmond, Va. Cooked foods. 177,277; Dec. 11; Serial No. 167,802; published Sept. 18, 1923.

Cook, Charles I., doing business as Carpenter, Cook Company, Menominee, Mich. Butter and canned milk. 163,558; Jan. 23.

Cook, Charles K., Company, Camden, N. J. Leather goods. 167,336; Apr. 24.

Cook, Ellen T., Buffalo, N. Y. Emollient for treating feet. 175,427; Nov. 6; Serial No. 173,701; published Aug. 21, 1923.

Cook, Jerome I., doing business as Research Advertising Bureau, St. Louis, Mo. Blank-form books. 173,474; Sept. 25; Serial No. 176,165; published June 19, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Cook, W. C., & Co., Clovis, Calif. Stuffed figs. 176,524; Nov. 27; Serial No. 183,053; published Sept. 18, 1923.
Cook, Z. T., Mfg. Co. (See Cook, Zachariah T.)
Cook, Zachariah T., doing business as Z. T. Cook Mfg. Co. Columbia, Tenn. Doll swing. 164,536; Feb. 20.
Cooke, Harry S., doing business as Presto Fire Extinguisher Company, Beacon, N. Y. Dry-powder tube fire extinguisher. 174,618; Oct. 23; Serial No. 179,295; published July 24, 1923.
Cooknut Corporation, The, Baltimore, Md. Cottonseed oil. 171,052; July 31; Serial No. 175,652; published May 15, 1923.
Cooknut Corporation, The, Balitmore, Md. Vegetable lard substitute. 171,127; July 31; Serial No. 175,651; published May 15, 1923.
Cooknut Corporation, The, Baltimore, Md. Vegetable lard substitute. 173,774; Oct. 2; Serial No. 175,650; published June 26, 1923.
Coolee Engineers, Cleveland, Ohio. Electric stoves. 164,660; Feb. 27.
Cooper, Coate & Casey Dry Goods Co., Los Angeles, Calif., and New York, N. Y. Cut and sewed athletic style men's and boys' union suits. 163,559; Jan. 23.
Cooper Corp., The, Cincinnati, Ohio. Battery panels. 164,701; Feb. 27.
Cooper, Davidson & Klein Cap Company, St. Louis, Mo. Men's, boys', and children's caps. 175,962; Nov. 13; Serial No. 171,486; published Sept. 4, 1923.
Cooper, H. H., & Co., Inc., Utica, N. Y. Suits, topcoats, and ulsters for men. 174,270; Oct. 9; Serial No. 174,560; published July 10, 1923.
Cooper, John H., Stouchsburg, Pa. Leaf tobacco and the products for smoking and chewing. 168,928; May 29; Serial No. 173,914; published Mar. 13, 1923.
Cooper, Joseph, Philadelphia, Pa. Hosiery. 163,041; Jan. 2.
Cooper, Milton G. Dry Goods Co., Los Angeles, Calif. Dresses, aprons, hosiery, etc. 177,347; Dec. 18; Serial No. 180,844; published Oct. 2, 1923.
Co-Operative League of The United States of America, Assoc., The, New York, N. Y. Pamphlets, monthly magazines, printed books and leaflets. 163,710; Jan. 23.
Coops Bros., Sonoma, Calif. Fresh deciduous fruits. 175,834; Nov. 13; Serial No. 181,881; published Sept. 4, 1923.
Coppel Bros., San Francisco, Calif. Piece goods—namely, cotton, cotton and silk, silk, silk and wool, etc., voils, hair nets, etc. 164,018; Feb. 6.
Coppel Bros., San Francisco, Calif. Piece goods—namely, cotton, cotton and silk, silk, etc. 164,936; Feb. 27.
Copperstone Products Co., The, Toledo, Ohio. Mineral aggregate as ingredients for road surfacing, pavements, floors, etc. 172,920; Sept. 11; Serial No. 177,277; published June 5, 1923.
Coppes Brothers & Zook, Nappanee, Ind. Kitchen cabinets. 176,824; Nov. 27.
Copps Co., The, Stevens Point, Wis. Canned vegetables, peanut butter, corn meal, etc. 167,092; Apr. 24; Serial No. 165,916; published Jan. 30, 1923.
Corbett Bros. Co., Paterson, N. J., and New York, N. Y. Ribbons in the piece. 177,142; Dec. 11; Serial No. 150,848; published Dec. 13, 1921.
Corbin, B. A., and Son Company, Boston, Mass. Rubber heels. 163,787; Jan. 30.
Corby Baking Company, The, Washington, D. C. Bread. 169,987; July 10; Serial No. 94,532; published Apr. 3, 1923.
Corby Baking Company, Inc., The, Washington, D. C. Bread. 172,633; Sept. 11; Serial No. 167,292; published May 11.
Cord Tire Corporation, The, Chester, W. Va. Automobile tire casings. 170,660; July 17; Serial No. 167,712; published Apr. 17, 1923.
Corenson, Abe, Los Angeles, Calif. Combination headdress and waistband for doll. 173,279; Sept. 18; Serial No. 179,840; published June 19, 1923.
Coretty, Emil, Freeport, N. Y. Hair tonic. 169,022; May 29.
Corkran, Hill & Co. Inc., Baltimore, Md. Hams and bacon. 167,061; Apr. 24; Serial No. 160,235; published Dec. 26, 1922.
Corle, Elisha L., Hutchinson, Kans. Phonographs. 175,748; Nov. 13; Serial No. 164,157; published Aug. 21, 1923.
Corlear Products Co. Inc., The, New York, N. Y. Varnish restorer. 167,777; May 8; Serial No. 172,466; published Feb. 13, 1923.
Corn Products Refining Co., New York, N. Y. Edible corn oil. 171,176; July 31; Serial No. 171,487; published May 1, 1923.
Corn Products Refining Company, New York, N. Y. Sirup for food purposes. 177,329–32; Dec. 18; Serial Nos. 178,593–6; published Oct. 2, 1923.
Cornell Supply Co., Lincoln, Nebr. Metal pipes, valves and pipe couplings. 164,368; Feb. 20.
Corning Glass Works, Corning, N. Y. Nursing bottles 169,625; June 26; Serial No. 173,405; published Mar. 20, 1923.
Corning Glass Works, Corning, N. Y. Glass teapots. 170,395; July 17; Serial No. 171,413; published Apr. 10, 1923.
Corning Ice & Bottling Works, Corning, Calif. Nonalcoholic, maltless beverage used as a soft drink. 168,931; May 29; Serial No. 173,624; published Mar. 13, 1923.
Corona Foothill Lemon Company, Corona, Calif. Fresh lemons. 164,182; Feb. 13.
Corona Foothill Lemon Company, Corona, Calif. Fresh lemons. 167,704; May 8; Serial No. 164,866; published Feb. 13, 1923.
Corona Foothill Lemon Company, Corona, Calif. Fresh lemons. 167,709; May 8; Serial No. 164,865; published Feb. 13, 1923.
Corona Pen Company, Janesville, Wis. Fountain pens. 166,743; Apr. 10.
Coronado Fish Co. (See Petrich, Paul.)
Corrado & Marranzini, New York, N. Y. Olive oil. 173,626; Oct. 2; Serial No. 164,493; published June 5, 1923.
Corrugated Bar Company, Inc., Buffalo, N. Y. Metal rods, bars, stirrups, etc., for reenforcing concrete. metallic lathing and studding, etc. 174,978; Oct. 30; Serial No. 148,647; published Aug. 14, 1923.
Corrugated Container Company, Philadelphia, Pa. Corrugated-paper-board containers, cartons, and paper boxes. 164,427; Feb. 20.
Corso, Vincent M., doing business as The Hare Manufacturing Company, Hartford, Conn. Hair tonics. 173,900; Oct. 2; Serial No. 176,454; published July 10, 1923.
Corticelli Silk Company, Florence, Northampton, Mass. Silk fabrics. 174,158; Oct. 9; Serial No. 180,590; published July 17, 1923.
Corticelli Silk Company, Florence, Northampton, Mass. Silk threads and threads of cotton and silk. 177,767; Dec. 25; Serial No. 184,384; published Oct. 2, 1923.
Cortland Line Co., Inc., Cortland, N. Y. Shoe laces. 167,765; May 8; Serial No. 169,950; published Jan. 30, 1923.
Cortland Line Co. Inc., Cortland, N. Y. Silk fishing lines. 175,385; Nov. 6; Serial No. 164,386; published Aug. 21, 1923.
Cory, Chas. & Son, Inc., New York, N. Y. Ships' mechanical telegraph transmitter-indicator equipment. 169,921; July 3.
Cosin, Joseph J., doing business as The Cosin Co., New York, N. Y. Powder puffs. 173,700; Oct. 2; Serial No. 177,167; published June 19, 1923.
Cosmetics Products Co. (See Fasani, Francesco.)
Cosmocrat Advertising Company, Chicago, Ill. Leaf tobacco, cigars, cigarettes, clippings, and snuff. 163,299; Jan. 9.
Cosmos Laboratory. (See Barna, Nicholas.)
Cosmos Trading Company. (See Klemperer, Gustav.)
Coston, Edward C., Skidmore, Mo. Machines for forcing gears or other articles from shafts and cylinder-boring machines. 167,276; Apr. 24; Serial No. 150,800; published Jan. 30, 1923.
Cotera, Francisco, doing business as The Cotera Brothers, El Paso, Tex. Coffee. 173,599; Oct. 2; Serial No. 168,208; published July 3, 1923.
Cott-a-lap Company, The, Somerville, N. J. Advertising signs. 175,832; Nov. 13; Serial No. 181,980; published Sept. 4, 1923.
Cotter, R. E., Co., San Francisco, Calif. Canned fish, fruits, and vegetables. 175,331; Nov. 6; Serial No. 180,201; published Aug. 14, 1923.
Cotter, R. E., Company, San Francisco, Calif. Canned vegetables, fruits, and fish. 166,453; Apr. 3; Serial No. 166,453; published Jan. 16, 1923.
Coty, Inc., New York, N. Y. Perfumes. 172,878; Sept. 11; Serial No. 175,920; published May 29, 1923.
Coty, Inc., Wilmington, Del., and New York, N. Y. Perfumes, toilet water, face, sachet, and talcum powder. etc. 176,295; Nov. 20; Serial No. 180,099; published Sept. 4, 1923.
Coty, Inc., Wilmington, Del., and New York, N. Y. Perfumes, toilet water, face powder, etc. 176,299; Nov. 20; Serial No. 180,104; published Aug. 14, 1923.
Couch Bros. Manufacturing Co., East Point, Ga.; Memphis, Tenn.; and Waterloo, Iowa. Cotton canvas or duck. 165,640; Mar. 13.
Couch, Ralph F., Washington, D. C. Section of a daily publication. 168,925; May 29; Serial No. 175,545; published Mar. 27, 1923.
Couch, Ralph F., Washington, D. C. Monthly publication. 171,823; Aug. 14; Serial No. 175,544; published May 1, 1923.
Coudurier Fructus & Descher, Lyon, France, and New York, N. Y. Silk and silk and cotton velvets in the piece. 168,801; May 29; Serial No. 174,357; published Mar. 6, 1923.
Coudurier, Fructus & Descher, Lyon, France, and New York, N. Y. Velvets in the piece. 175,510; Nov. 6; Serial No. 177,548; published Aug. 28, 1923.
Cough Checker Company, Newburgh, N. Y. Cough medicine. 177,058; Dec. 11; Serial No. 180,363; published Sept. 18, 1923.
Cough King Co., The, Oakland, Md. Preparation for the treatment of coughs and colds. 167,740; May 8; Serial No. 168,958; published Jan. 2, 1923.

Coughlin, Frank R., assignor to Coughlin Manufacturing Co., New York, N. Y. Sized gold leaf, imitation-gold leaf, and silver leaf. 168,120; May 15; Serial No. 158,075; published Feb. 27, 1923.

Coughlin Manufacturing Co. (See Coughlin, Frank R., assignor.)

Coulson, Chas. H., doing business as Coulson Heel Company, Hanover, Pa. Shoe heels. 170,731; July 24; Serial No. 172,262; published Apr. 24, 1923.

Coulter, Maud D., Los Angeles, Calif. Bread, biscuits, cake, cookies, cinnamon rolls, etc. 172,477; Aug. 28; Serial No. 173,180; published May 1, 1923.

Council on Foreign Relations, Inc., New York, N. Y. Quarterly review. 168,893; May 29. Serial No. 169,348; published Mar. 6, 1923.

Counterbalance Rubber Heel Co., Elyria, Ohio. Rubber heels. 165,318; Mar. 6; Serial No. 167,701; published Nov. 14, 1922.

Country Club Soda Co., Inc., Springfield, Mass. Cream soda, birch beer, ginger ale, lemon soda, etc. 168,458; May 22; Serial No. 173,406; published Feb. 20, 1923.

Country Editor Publishing Company, The. (See Randolph, Teasdale.)

Court, R. G., Co. Inc., Covington, Ky. Beverage sold as soft drink. 167,013; Apr. 24; Serial No. 162,666; published Aug. 29, 1922.

Courtney, William P., doing business as Courtney's Red Top Soda Water Co., Oakland, Calif. Soda water. 173,982; Oct. 2; Serial No. 181,062; published July 10, 1923.

Coverdale & Bruebaker, Sioux City, Iowa. Sherbet bars. 171,328; Aug. 7; Serial No. 168,633; published May 15, 1923.

Covington, Clarence L., Brookline, Mass. Hams, butter, and strawberries in their natural state. 163,836; Jan. 30.

Covington, John W., Chicago, Ill. Tooth paste. 170,035; July 10; Serial No. 173,811; published Apr. 10, 1923.

Cowen, Joseph, & Co., Blaydon-on-Tyne, assignor to Priestman Collieries Limited, Newcastle-on-Tyne, England. Bricks, retorts, tiles, quarles, pipes, lumps, and other articles made of fire clay. 23,653; renewed Sept. 26, 1923.

Cowiche Creamery, Cowiche, Wash. Butter, cheese. 176,731; Nov. 27; Serial No. 173,565; published July 31, 1923.

Cowman, Edward C., Bellefontaine, Ohio. Antiseptic lotion. 172,487; Aug. 28.

Cox, Abram, Stove Company, Philadelphia, Pa. Coal stoves and ranges. 169,159; June 12; Serial No. 165,619; published Mar. 13, 1923.

Cox, Chester R., Berkeley, Calif. Built-in furniture. 175,699; Nov. 6.

Cox, Winfield F., Burgin, Ky. Brooms. 168,785; May 29; Serial No. 122,932; published Feb. 13, 1923.

Coy, Hunt and Company, New York, N. Y. Paper. 166,006; Mar. 27; Serial No. 168,921; published Jan. 2, 1923.

Coy, Hunt and Company, New York, N. Y. Paper. 173,132; Sept. 18; Serial No. 179,399; published June 12, 1923.

Coyne, Edward J., doing business as Venus Specialty Co., Brooklyn, N. Y. Eardrum protectors. 163,711; Jan. 23.

Craddock-Terry Co., Lynchburg, Va. Shoes. 176,274; Nov. 20; Serial No. 177,278; published Aug. 7, 1923.

Craddock Terry Company, Lynchburg, Va. Women's shoes. 170,728; July 24; Serial No. 171,906; published Apr. 24, 1923.

Cradock, George, & Co., assignor to George Cradock & Co. Ltd., Wakefield, England. Wire rope and chain. 23,103; renewed May 23, 1923.

Craig, Stephen, Company, Newport, R. I. Prophylactic ointment. 173,663; Oct. 2; Serial No. 176,001; published June 26, 1923.

Craigie, Robert E., doing business as Painters Supply Company, Detroit, Mich. Paints, paint enamels, colors in oil, japan driers, and varnish. 163,042; Jan. 2.

Craigie, Robert E., doing business as Painters Supply Company, Detroit, Mich. House paint, flat wall paint, floor paint, colors in oil, etc. 163,043; Jan. 2.

Cramer, C. N., Co., Ashland, Wis. Brooms. 169,964; July 10; Serial No. 174,891; published Apr. 17, 1923.

Cramer, Charles, Gardner, Kans. Liniment for use in treating sore or stiff muscles, strains, and sprains. 163,044; Jan. 2.

Cramp, William, & Sons Ship & Engine Building Co., The, Philadelphia, Pa. Gears and gear blanks 174,975; Oct. 30; Serial No. 154,962; published Aug. 14, 1923.

Crane & MacMahon, doing business as St. Marys Wheel & Spoke Company, New York, N. Y., and St. Marys, Ohio. Vehicle wheels. 165,914; Mar. 20.

Crane, William M., Company, New York, N. Y. Gas stoves or ranges. 163,820; Jan. 30.

Crane, Z. & W. M., Dalton, Mass. Writing paper, mailing envelopes, flat paper, paper boards. 163,466; Jan. 16.

Craven, Horace G., doing business as Bouillonized Peanut Company, Philadelphia, Pa. Peanuts prepared with meat extract. 173,643; Oct. 2; Serial No. 158,815; published July 10, 1923.

Crawford Farms, Incorporated, Millbrook, N. Y. Cheese. 171,023; July 31; Serial No. 168,025; published Apr. 3, 1923.

Crawford Farms, Incorporated, Millbrook, N. Y. Cheese. 171,024; July 31; Serial No. 168,026; published Mar. 27, 1923.

Crawford Manufacturing Co. Inc., Richmond, Va. Recovers for vehicle tops, curtains for vehicles, covers for vehicle seats and doors, etc. 163,045; Jan. 2.

Crawford, Marion L., Malvern, Ohio. Screen scratcher and rubber for use in making bricks, tiles, etc. 173,920; Oct. 2; Serial No. 173,813; published July 3, 1923.

Crawford, McGregor & Canby Company, The, Dayton, Ohio. Golf clubs. 163,223–5; Jan. 2.

Crawford, McGregor & Canby Company, The, Dayton, Ohio. Golf clubs. 163,300; Jan. 9.

Crawford, McGregor & Canby Company, The, Dayton, Ohio. Golf clubs. 165,459; Mar. 13; Serial No. 171,613; published Jan. 2, 1923.

Crawford, McGregor & Canby Company, The, Dayton, Ohio. Golf clubs. 165,460; Mar. 13; Serial No. 171,616; published Jan. 2, 1923.

Crawford, McGregor & Canby Company, The, Dayton, Ohio. Golf clubs. 165,461–2; Mar. 13; Serial Nos. 171,620–1; published Jan. 2, 1923.

Crawford, McGregor & Canby Company, The, Dayton, Ohio. Golf clubs. 165,463; Mar. 13; Serial No. 171,625; published Jan. 2, 1923.

Crawford, McGregor & Canby Company, The, Dayton, Ohio. Golf clubs. 165,464–5; Mar. 13; Serial Nos. 171,627–8; published Jan. 2, 1923.

Crawford, McGregor & Canby Company, Dayton, Ohio. Golf clubs. 165,745; Mar. 20; Serial No. 171,629; published Jan. 2, 1923.

Crawford, McGregor & Canby Company, The, Dayton, Ohio. Golf clubs and balls. 167,065; Apr. 24; Serial No. 159,558; published Jan. 9, 1923.

Crawford, McGregor & Canby Company, The, Dayton, Ohio. Golf balls. 167,168; Apr. 24; Serial No. 171,617; published Jan. 30, 1923.

Crawford, McGregor & Canby Company, The, Dayton, Ohio. Golf clubs. 168,066; May 15; Serial No. 171,622; published Feb. 20, 1923.

Crawford McGregor & Canby Company, The, Dayton, Ohio. Golf clubs. 168,958; May 29; Serial No. 171,614; published Mar. 13, 1923.

Crawford, McGregor & Canby Company, The, Dayton, Ohio. Golf clubs. 173,813; Oct. 2; Serial No. 171,623; published July 3, 1923.

Craycroft Oil Company, Inc., New York, N. Y. Lubricating oils and greases, gasoline, fuel oils, etc. 164,403; Feb. 20.

Cream Balm Company, The, Jersey City, N. J. Medicinal compound for the treatment of catarrhal diseases of the head. 172,568; Sept. 11; Serial No. 170,626; published May 22, 1923.

Creed, W. S., doing business as W. S. Creed Company, Roanoke, Va. Alimentary products and pastes, spaghetti, macaroni, etc. 177,196; Dec. 11; Serial No. 178,494; published Sept. 25, 1923.

Creger, Henry N., doing business as Red Gum Products Co., San Francisco, Calif. Retiring cream. 163,428; Jan. 9.

Crell, Albert P., Grand Rapids, Mich. Bumpers for automobiles. 167,497; May 1; Serial No. 166,434; published Jan. 9, 1923.

Creme-Petrol Company. (See Neiswender Lisle W.)

Cremo Caramel Company. (See O'Connor, Frederick A.)

Creo-Dipt Company, Inc., North Tonawanda, N. Y. Stains. 163,301; Jan. 9.

Creo-Dipt Company, Inc., North Tonawanda, N. Y. Shingles. 165,369; Mar. 6; Serial No. 161,175; published Oct. 17, 1922.

Creolin Co., The, Rahway, N. J. Disinfectant for veterinary uses. 164,685; Feb. 27.

Creolin Co., The, Rahway, N. J. Chemical substance used as a wood preserver. 167,589; May 1; Serial No. 169,847; published Jan. 9, 1923.

Crescent Co. (See Ford, Willard R.)

Crescent Coal Co., Peoria, Ill. Coal. 169,696; June 26.

Crescent Creole Candy Co. Inc., New Orleans, La. Candy. 169,988; July 10; Serial No. 130,160; published Mar. 6, 1923.

Crescent Refractories Company, Curwensville, Pa. Fire bricks, and tile except metal and porcelain. 167,469; May 1; Serial No. 166,984; published Dec. 19, 1922.

Crescent Rubber Specialty Company. (See Breit, Antol M.)

Crescent Shoe Co., New York, N. Y. Footwear. 168,283; May 15.

Crescent Washing Machine Company, Incorporated, New Rochelle, N. Y. Dishwashing machines and metal-parts-washing machines. 175,125; Oct. 30; Serial No. 177,168; published Aug. 7, 1923.

Crex Carpet Company, New York, N. Y. Chenille rugs. 164,264; Feb. 13.

Crippen & Reid, Baltimore, Md. Boys' suits. 177,549; Dec. 18; Serial No. 183,198; published Oct. 9, 1923.

Crocker, Josiah H., doing business as Pingo Company, Cambridge, Mass. Stove polishes. 175,694; Nov. 6.

Crocker National Fire Prevention Engineering Co., New York, N. Y. Chemical fire-extinguishing apparatus. 164,955; Feb. 27.

Alphabetical list of registrants of trade-marks—Continued.

Crofut & Knapp Co., The, South Norwalk, Conn. Caps and hats for men and women. 172,508; Aug. 28.
Crofut & Knapp Co., The, South Norwalk, Conn. Caps and hats of felt, straw, silk, etc. 176,014; Nov. 13; Serial No. 176,329; published July 31, 1923.
Crofut & Knapp Co., The, South Norwalk, Conn. Caps and hats. 176,268; Nov. 20; Serial No. 176,253; published Aug. 7, 1923.
Crogan Manufacturing Company, Bangor, Me. Measuring tapes. 168,278: May 15.
Crompton Company, West Warwick and Providence, R. I. Cotton, woolen, or silk piece goods. 163,302; Jan. 9.
Cromwell, Robert H., doing business as Southern California Cosmetic Mfg. Co., Los Angeles, Calif. Preparation for imparting a glossy appearance to the hair. 172,977; Sept. 11; Serial No. 176,074; published June 12, 1923.
Cron Company, The, Piqua, Ohio. Furniture. 168,899; May 27; Serial No. 167,041; published Feb. 27, 1923.
Crooker & Morse, Inc., Bridgewater, Mass. Boots and shoes. 173,756; Oct. 2; Serial No. 177,428; published July 10, 1923.
Crosley Manufacturing Company. (See American Automobile Accessories Company.)
Cross, Henry H., Company, Chicago, Ill. Gasoline, naphtha, kerosene, fuel oils, etc. 167,531; May 1; Serial No. 174,294; published Feb. 27, 1923.
Cross, Henry H., Company, Chicago, Ill. Motor oil. 171,117; July 31; Serial No. 175,189; published May 1, 1923.
Cross, Walter B., Denver, Colo. Relishes and condiments, in the form of dressings and sauces, sandwiches, hash, etc. 176,733; Nov. 27; Serial No. 173,814; published Aug. 7, 1923.
Crossley, Nat M., Oakland, Calif. Fresh apples. 165,029; Feb. 27.
Crow Blacking Co. (See Capen, George H.)
Crow Specialties Company. (See Capen, George H.)
Crowley, Charles H., New York, N. Y. Mercerized lisle elastic web. 163,956; Feb. 6.
Crown Bottling Works. (See May, C. Edward.)
Crown Brewing Co., The, Cincinnati, Ohio. Malt or cereal beverage and malt sirup for making same. 173,280; Sept. 18; Serial No. 179,032; published June 19, 1923.
Crown Die and Tool Company, Chicago, Ill. Dies, bench pipe vises, post pipe vises, etc. 176,665; Nov. 27; Serial No. 181,818; published Sept. 11, 1923.
Crown Manufacturing Company, Phelps, N. Y. Cider mills and fruit presses. 168,132; May 15; Serial No. 170,809; published Feb. 20, 1923.
Crown Motors. (See Michelsen, Henry C.)
Crown Petticoat Co., The, Philadelphia, Pa. Petticoats, bloomers, and pantalets. 163,560; Jan. 23.
Crown Products, Inc., New York, N. Y. Nutritive confection in cake form. 167,477; May 1; Serial No. 163,735; published Dec. 19, 1922.
Crown Shock-Absorber Co., Houston, Tex. Shock absorbers. 167,806; May 8; Serial No. 167,224; published Feb. 20, 1923.
Crown Tartarex Co., Inc., New York, N. Y. Catarrh jelly. 169,663; June 26; Serial No. 170,929; published Mar. 20, 1923.
Crown Tartarex Co., Inc., New York, N. Y. Tooth paste and tonic for the gums. 169,664; June 26; Serial No. 170,930; published Mar. 20, 1923.
Crown Willamette Paper Company, San Francisco, Calif. Paper bags. 166,205; Mar. 27; Serial No. 169,349; published Nov. 14, 1922.
Crown Willamette Paper Company, San Francisco, Calif. Paper bags. 176,003; Nov. 13; Serial No. 182,401; published Sept. 4, 1923.
Crozer, John P., doing business as Samuel A. Crozer & Son, Upland, Pa. Cheviots in the piece. 165,452; Mar. 13; Serial No. 171,488; published Jan. 2, 1923.
Crozer, Samuel A., & Son. (See Crozer, John P.)
Cruikshank Brothers Company, Pittsburgh Pa. Chili sauce, salad dressings, cider and white vinegar, apple butter, etc. 165,804; Mar. 20; Serial No. 172,665; published Jan. 9, 1923.
Crumley, C. V., doing business as Tubetite Manufacturing Company, Tacoma, Wash. Compound for preventing punctures in pneumatic tires. 170,301; July 10; Serial No. 176,606; published Apr. 10, 1923.
Crupain, Morris, New York, N. Y. Powder Puffs. 163,860; Jan. 30.
Crutcher, Edwin, doing business as Golden Arrow Hosiery Mills, Nashville, Tenn. Hosiery. 175,733; Nov. 13; Serial No. 178,958; published July 10, 1923.
Crysler, J. M., Co., Boston, Mass. Dress, negligee, and work shirts, blouses, and sweaters. 166,633; Apr. 10; Serial No. 168,207; published Jan. 9, 1923.
Crystal Candy Co., Winston-Salem, N. C. Candy. 165,782; Mar. 20; Serial No. 157,476; published Jan. 2, 1923.
Crystal Candy Co., Winston-Salem, N. C. Candy. 168,579: May 29; Serial No. 162,872; published Feb. 20, 1923.
Crystal Chemical Co. (See Thompson, Zola.)
Crystal Chemical Co. Inc., The, New York, N. Y. Powder for nursery and toilet use. 174,068; Oct. 2; Serial No. 178,554; published July 10, 1923.
Crystal Chemical Company. (See Sterrick, Harrison D.)
Crystal Glass Co., Los Angeles, Calif. Glass jars, bowls, and vases, drinking glasses, and glass tumblers. 163,467; Jan 16.
Crystal Petroleum Products Corporation. (See Abbott, Frederick J.)
Crystal Waxing Company, The. (See Shelby Wax Paper Company, assignor.)
Crystal Window Cleaner. (See Wenger, Aaron.)
Crystaline Salt Co., Boston, Mass., assignor to Remington Salt Company, Ithaca, N. Y. Salt. 24,007; renewed Jan. 9, 1924.
Crysto Soap Co., Aurora, Ill. Mineral soap. 167,699; May 8; Serial No. 166,652; published Feb. 13, 1923.
Cudahy Packing Company, The, Chicago, Ill., and South Omaha, Nebr. Dry sausage. 164,048; Feb. 13.
Cudahy Packing Company, The, Chicago, Ill., and South Omaha, Nebr. Smoked and canned meats, fresh sausage, and extract of beef. 165,819; Mar. 20; Serial No. 165,782; published Jan. 2, 1923.
Cudahy Packing Company, The, Chicago, Ill. Shortening compound. 168,335: May 22; Serial No. 161,031; published Feb. 27, 1923.
Cudahy Packing Company, The, doing business as Cudahy Soap Works, Chicago, Ill., and South Omaha, Nebr. Toilet soap. 168,896; May 29; Serial No. 168,146; published Feb. 27, 1923.
Cudahy Soap Works. (See Cudahy Packing Company, The.)
Cuir Chemical Company, Bayard, Nebr. Lotion for eczema, pimples, itch, etc. 168,001; May 8.
Cullander Machinery Co., Belzoni, Miss. Cotton trampers. 177,624; Dec. 25; Serial No. 182,334; published Oct. 9, 1923.
Culm Burn Equipment Company, Inc., Philadelphia, Pa. Furnace grates. 166,757; Apr. 10.
Cultivator Publishing Company, Los Angeles, Calif. Weekly periodicals. 175,138: Oct. 30; Serial No. 180,421; published Aug. 7, 1923.
Cumberland Chemical Co., Nashville, Tenn. Proprietary medicinal preparations. 172,571; Sept. 11; Serial No. 170,429; published Apr. 24, 1923.
Cumberland Chemical Co., Nashville, Tenn. Proprietary medicinal preparations. 172,586; Sept. 11; Serial No. 170,428; published May 29, 1923.
Cumberland Chemical Co., Nashville, Tenn. Tablets and a salve for hemorrhoids. 174,479; Oct. 16; Serial No. 178,167; published July 10, 1923.
Cumberland Chemical Co., Nashville, Tenn. Tonic compound. 174,480; Oct. 16; Serial No. 178,166; published July 10, 1923.
Cumberland & Liberty Mills Co., Jacksonville, Fla. Self-rising wheat flour. 165,102; Mar. 6; Serial No. 160,870; published Nov. 14, 1922.
Cumberland Tobacco Works, Inc., Nashville, Tenn. Smoking tobacco. 163,303; Jan. 9.
Cummings & Johnson, Salt Lake City, Utah. Card game. 176,257; Nov. 20; Serial No. 180,528; published July 31, 1923.
Cummins, Charles C., Columbus, Ohio. Dentifrice. 177,094; Dec. 11; Serial No. 171,452; published Sept. 11, 1923.
Cunningham, Charles A., doing business as Abe Lincoln Post Card Co., Washington, D. C. Picture post cards. 167,424; May 1; Serial No. 170,629; published Jan. 2, 1923.
Cunningham, Christopher, Company, The, Brooklyn, N. Y. Tanks and washtubs. 173,080; Sept. 11.
Cunningham, Edw. P., Inc., New York, N. Y. Men's hats. 176,886; Dec. 4; Serial No. 181,514; published Sept. 11, 1923.
Cunningham, Elmer T., San Francisco, Calif. Radio apparatus. 174,343; Oct. 16; Serial No. 153,200; published June 26, 1923.
Cunningham, Elmer T., San Francisco, Calif. Thermionic detector, amplifier, and oscillator tubes. 174,432; Oct. 16; Serial No. 178,957; published June 26, 1923.
Cunningham, Jesse, doing business as J. C. Pile Remedy Co., Lowellville, Ohio. Remedy for piles. 164,457; Feb. 20.
Cunningham, Joseph A., Philadelphia, Pa. Newspaper cartoon sections. 173,717; Oct. 2; Serial No. 178,959; published June 26, 1923.
Cupples Company Manufacturers, St. Louis, Mo. Overalls and work shirts. 164,815; Feb. 27.
Cupples Company Manufacturers, St. Louis, Mo. Rubber jar rings. 170,129; July 10; Serial No. 158,380; published May 30, 1922.
Cupples Company Manufacturers, St. Louis, Mo. Rubber jar rings. 171,414; Aug. 7; Serial No. 172,584; published May 8, 1923.
Curley, Austin H., Revere, Mass. Medicinal compound for the treatment of piles. 165,612; Mar. 13; Serial No. 167,163; published Dec. 12, 1922.
Curran, J. E., Corporation, New York, N. Y. Dandruff remedy. 165,815; Mar. 20; Serial No. 165,985; published Jan. 2, 1923.
Curran, J. E., Corporation, New York, N. Y. Dandruff remedy, toilet and skin preparation. 167,414; May 1; Serial No. 168,515; published Jan. 23, 1923.
Curry, J. Byrne, doing business as Curry & Coutellier, Los Angeles, Calif. Radio-detector crystalline compound for radio reception. 176,781; Nov. 27.

Curtis, A. L., Atlanta, Ga. Internal and injective remedies for gonorrhea. 177,357; Dec. 18; Serial No. 181,981; published Sept. 25, 1923.

Curtis Corporation, The, Wilmington, Del. Canned ripe olives, artichokes, tunny fish, pimientos, etc. 169,417; June 12.

Curtis Corporation, The, Wilmington, Del., and Long Beach, Calif. Ripe olives. 169,705; June 26.

Curtis Corporation, The, Wilmington, Del., and Long Beach, Calif. Canned ripe olives and canned fish. 175,344; Nov. 6; Serial No. 171,305; published Aug. 14, 1923.

Curtis, J. G., Leather Company, Ludlow, Pa. Leather insoles. 172,099; Aug. 21; Serial No. 174,074; published May 22, 1923.

Curtis & Jones Company, Reading, Pa. Shoes. 170,396; July 17; Serial No. 171,414; published Apr. 10, 1923.

Curtis Publishing Company, The, Philadelphia, Pa. Agricultural journal issued weekly. 168,901; May 29; Serial No. 166,651; published Feb. 27, 1923.

Curtis Shoe Company, Marlboro and Boston, Mass. Boots and shoes made wholly or in part of leather. 169,374; June 12; Serial No. 169,703; published Mar. 13, 1923.

Curtiss, Lloyd, assignor to Service Sales Agency, Newark, N. J. Crystallized sweet pickles in bottles. 170,071; July 10; Serial No. 165,913; published Mar. 27, 1923.

Cusack, Thomas, Company, Chicago, Ill. Mechanical advertising, illuminated structural, painted board, and painted wall signs. 167,851; May 8; Serial No. 164,234; published Feb. 6, 1923.

Cusack, Thomas, Company, Chicago, Ill. Electrically-illuminated signs. 177,762; Dec. 25; Serial No. 177,217; published Oct. 9, 1923.

Cushman Drug Co. (See Adams, Thomas H.)

Cushman's Sons, Inc., New York, N. Y. Cakes. 170,896; July 24; Serial No. 171,415; published Mar. 13, 1923.

Custer, John A., doing business as Telltale Hosiery Co., Lansdale, Pa. Hosiery. 173,394; Sept. 25; Serial No. 178,227; published July 10, 1923.

Cuthbert, Richard G., doing business as Globe Radio Mfg. Co., New York, N. Y. Radio receiving and transmitting sets. 174,719; Oct. 23; Serial No. 173,956; published July 10, 1923.

Cutler-Magner Co., Duluth, Minn. Cement plaster, wood-fiber plaster, Portland cement, stucco, gypsum finish, plaster board, etc. 163,046; Jan. 2.

Cutler-Magner Co., Duluth, Minn. Lime, plaster, cement, and mixtures of cement and sand. 167,461; May 1; Serial No. 167,295; published Dec. 19, 1922.

Cutler Steel Company, Pittsburgh, Pa. Metal alloys, and particularly for chromium iron alloys. 165,997; Mar. 27; Serial No. 167,604; published Dec. 5, 1922.

Cutrer, Bennie B., doing business as Blu-Ribbon Ice Cream Co., Baton Rouge, La. Ice cream, sherbet, ices, and frozen dainties. 168,711; May 29; Serial No. 156,188; published Mar. 13, 1923.

Cutter Electrical and Manufacturing Company, The, Philadelphia, Pa. Electrical switches, circuit breakers. 174,688; Oct. 23; Serial No. 179,928; published July 31, 1923.

Cyclone Fence Company, North Chicago, Ill. Metal refuse baskets. 176,938; Dec. 4.

Cyganiewicz, John, Chicago, Ill. Ladies' hand bags and pocketbooks. 170,787; July 24; Serial No. 175,071; published Apr. 24, 1923.

Czechoslovak Art Shop Inc., Newark, N. J. and New York, N. Y. Chinaware. 171,493; Aug. 7; Serial No. 172,032; published May 15, 1923.

D-A Lubricant Company, Inc., Indianapolis, Ind. Motor and tractor lubricating oils. 166,493; Apr. 3; Serial No. 171,225; published Jan. 9, 1923.

D. & N. Drug Co., Fort Wayne, Ind. Lotion for chapped hands. 167,409; May 1; Serial No. 168,356; published Jan. 9, 1923.

Daarnhouwer & Co., Inc., New York, N. Y. Cocoa beans and butter, coffees, spices, and desiccated coconut. 177,021; Dec. 11; Serial No. 165,487; published Sept. 25, 1923.

Dabner, Jess E., Petaluma, Calif. Transparent dressing for painted and varnished surfaces and glass. 177,537; Dec. 18; Serial No. 183,873; published Oct. 2, 1923.

Dabrasky, Apolinars, New York, N. Y. Insect powder. 172,676; Sept. 11; Serial No. 166,769; published May 8, 1923.

Dabrooks' Perfume Company. (See Williams, Davis, Brooks & Co., assignors.)

Dade City Citrus Growers Association, Dade City, Fla. Fresh citrous fruits. 175,778; Nov. 13; Serial No. 177,279; published Aug. 14, 1923.

Dae Health Laboratories. (See International Consolidated Chemical Corporation.)

Daggett & Miller Co. Inc., Providence, R. I. Hair tonic. 172,967; Sept. 11; Serial No. 175,007; published June 5, 1923.

Daggett, W. F., & Sons, Pasadena, Calif. Snap fasteners, elastic webbing, cotton tape, shoe laces, etc. 165,314; Mar. 6; Serial No. 166,662; published Nov. 14, 1922.

Dahlberg & Company, Inc., Chicago, Ill. Composition of material for wall boards, lining for houses, etc. 167,788; May 8; Serial No. 166,175; published Feb. 6, 1923.

Dahlberg & Company, Inc., Chicago, Ill. Composition of material for wall boards, lining for houses, plaster bases, etc. 167,870; May 8; Serial No. 168,575; published Feb. 6, 1923.

Dahlquist, Theodore W., doing business as Dahlquist Manufacturing Company, South Boston, Mass. Expansion joints, kettles, floats, etc. 175,721; Nov. 6.

Daily, Bert L., Cincinnati, Ohio. Paints and painters' materials. 165,856; Mar. 20; Serial No. 143,811; published Jan. 2, 1923.

Dainty-Form Company Inc., New York, N. Y. Fat-reducing cream. 175,621; Nov. 6; Serial No. 180,791; published Aug. 14, 1923.

Daintymaid Co., Somerville, Mass. Spiced India relish, piccalilli, Russian dressing, salad dressing, etc. 168,641; May 29; Serial No. 165,484; published Feb. 27, 1923.

Dainty Maid Company, Somerville, Mass. Salad dressing, mayonnaise, tartar sauce, mustard, olive pimento mayonnaise, etc. 172,805; Sept. 11; Serial No. 150,138; published June 5, 1923.

Dairy Laboratories, The, Philadelphia, Pa. Antiseptic and deodorizers. 175,492; Nov. 6; Serial No. 177,898; published Aug. 14, 1923.

Dairy Products Co., The. (See Kuhns, Jacob U., jr.)

Dairymen's League Co-Operative Association, Inc., Utica, N. Y. Condensed and evaporated milk. 173,135; Sept. 18; Serial No. 178,376; published June 12, 1923.

Daison Manufacturing Co. Inc., Philadelphia, Pa. Lamp shades made of fabric. 168,528; May 22.

Daisy Dish Pan Company. (See Hendricks, William H.)

Daisy-Du Company, Irvington, N. Y. Face or skin cream. 165,501; Mar. 13; Serial No. 166,048; published Nov. 7, 1922.

Daisy Whitehead Knitting Co., New York, N. Y. Hosiery. 173,508; Sept. 25; Serial No. 175,826; published June 19, 1923.

Dakota Compound Company, Pierre, S. Dak. Powder used as water softener. 170,440; July 17; Serial No. 172,084; published Apr. 10, 1923.

Dale, Forty & Co., Ltd., London, England. Valve receiving and transmitting sets and crystal receiving sets. 175,866; Nov. 13; Serial No. 175,304; published Aug. 21, 1923.

Daley, Walter S., Co., Los Angeles, Calif. Frozen confections. 165,788; Mar. 20; Serial No. 164,309; published Dec. 19, 1922.

Dallam, F. B., doing business as American Sales Agencies Company, San Francisco, Calif. Wrapping Paper. 165,854; Mar. 20; Serial No. 149,176; published Dec. 26, 1922.

Dalley, F. F., Company, Inc., Buffalo, N. Y. Shoe-shining kits. 177,485; Dec. 18; Serial No. 183,201; published Oct. 2, 1923.

Dalton Hosiery Mills, Dalton, Ga. Hosiery. 173,897; Oct. 2; Serial No. 176,720; published July 10, 1923.

Dalton Hosiery Mills, Dalton, Ga. Hosiery. 174,841; Oct. 23; Serial No. 177,832; published July 31, 1923.

Dalton, Whittier, True Company, Chicago, Ill. Electrical control apparatus. 171,084; July 31; Serial No. 174,201; published Apr. 24, 1923.

Daltroff, E., & Cie. (See Daltroff, Ernest, assignor.)

Daltroff, E., & Cie., doing business as Parfumerie Caron, Paris, France, assignor to Caron Corporation. Perfume, toilet water, rouges, face powder, talcum powder, etc. 169,118; June 5.

Daltroff, E., & Cie., doing business as Parfumerie Caron, Paris, France, assignor to Caron Corporation. Perfume, toilet water, rouges, etc. 169,938; July 3.

Daltroff, E., & Cie., doing business as Parfumerie Caron, Paris, France, assignor to Caron Corporation. Perfume, toilet water, rouges, face and talcum powders, etc. 170,278; July 10; Serial No. 173,916; published Apr. 10, 1923.

Daltroff, E., & Cie., doing business as Parfumerie Caron, Paris, France. Perfume, toilet water, rouges, etc. 171,100; July 31; Serial No. 174,169; published Apr. 24, 1923.

Daltroff, E., & Cie., doing business as Parfumerie Caron, Paris, France. Perfume, toilet water, rouges, face powder, talcum powder, etc. 172,520; Sept. 4; Serial No. 173,880; published Apr. 17, 1923.

Daltroff, E., & Cie., doing business as Parfumerie Caron, Paris, France. Perfume, toilet water, rouges, face powder, talcum powder, etc. 172,532; Sept. 4; Serial No. 173,876; published Apr. 17, 1923.

Daltroff, E., & Cie., doing business as Parfumerie Caron, Paris, France, assignor to Caron Corporation. Perfume, face and talcum powders, etc. 172,538; Sept. 4; Serial No. 173,881; published May 29, 1923.

Daltroff, E., & Cie., doing business as Parfumerie Caron, Paris, France, assignor to Caron Corporation. Perfume, toilet water, rouges, etc. 172,539; Sept. 4; Serial No. 173,877; published May 29, 1923.

Daltroff, E., & Cie., doing business as Parfumerie Caron, Paris, France, assignor to Caron Corporation. Perfume, toilet water, rouges, face powder, etc. 173,444; Sept. 25; Serial No. 173,875; published June 26, 1923.

Daltroff, Ernest, assignor to E. Daltroff & Cie., Paris, France, trading as Perfumerie Caron. Perfume, toilet water, rouges, face powder, talcum powder, etc. 164,476; Feb. 20.

Alphabetical list of registrants of trade-marks—Continued.

Daman, Arthur C., Denver, Colo. Honey. 164,922; Feb. 27.
Damascus Steel Products Corporation, Rockford, Ill. Cutlery, tools, etc. 165,567; Mar. 13; 161,036; published Dec. 19, 1922.
Danda-Halpern Co., Inc., New York, N. Y. Linens and decorated linens in the piece. 172,901; Sept. 11; Serial No. 177,963; published June 12, 1923.
Dandee Patch Manufacturing Co. (See Binninger, Frank H.)
Dandereater Company. (See Shields, Belmont L.)
Daniels, Dr. A. C., Inc., Boston, Mass. Mange liquid and hair tonic. 165,428; Mar. 13; Serial No. 165,918; published Nov. 7, 1922.
Daniels and Fisher Stores Company, The, Denver, Colo. Cold, lemon beauty, and tissue creams, lip sticks, eyebrow pencils, etc. 175,395; Nov. 6; Serial No. 157,359; published Aug. 1, 1922.
Danna, Frank, doing business as Capitol Coffee Company, Baton Rouge, La. Coffee and coffee and chicory, a compound. 164,805; Feb. 27.
Danna, Frank, doing business as Capitol Coffee Company, Baton Rouge, La. Coffee. 171,422; Aug. 7; Serial No. 172,146; published May 8, 1923.
Dan-Nax Co., The. (See Gunter, Daniel J.)
Danya, Inc., New York, N. Y. Rouge vanishing cream. 175,485; Nov. 6; Serial No. 178,231; published Aug. 21, 1923.
Dare, Charles F., & Son, Inc., Bridgeton, N. J. Medical compound for diseases of the stomach. 169,779; July 3; Serial No. 172,265; published Mar. 27, 1923.
Darn E–Z Laboratories, Dayton, Ohio. Patching cement for hosiery or the like. 164,177; Feb. 13.
Darn E–Z Laboratories, Dayton, Ohio. Laundryproof patching cement or the like. 164,178; Feb. 13.
Darn E-Z Laboratories, Dayton, Ohio. Patching cement. 164,849; Feb. 27.
Darrish, Morris E., doing business as Marvil Garment Company, St. Louis, Mo. Ladies' suits, coats, dresses, skirts, and waists. 168,188; May 15; Serial No. 168,959; published Jan. 30, 1923.
Darrow, Frank D., doing business as The Darrow Music Company, Denver, Colo. Player pianos. 177,788; Dec. 25.
Darsie Manufacturing Company, Los Angeles, Calif. Headlights, spotlights, and electric lamps. 166,581; Apr. 10; Serial No. 171,907; published Jan. 9, 1923.
Darwin & Milner, Inc., Cleveland, Ohio. Tool steel. 164,539; Feb. 20.
Darwin & Milner, Inc., Cleveland, Ohio. Hack saws. 166,681–2; Apr. 10; Serial Nos. 169,536–7; published Jan. 9, 1923.
Darwin & Milner, Inc., Cleveland, Ohio. Tool steel. 166,838; Apr. 17; Serial No. 169,535; published Jan. 9, 1923.
Dasco Spring Cover Co., Somerville, Mass. Covers for automobile springs. 169,147; June 12; Serial No. 159,854; published Mar. 13, 1923.
Daube, Rosenthal & Co., Chicago, Ill. Men's and boys' suits and overcoats. 163,655; Jan. 23.
Daugherty & Jackson, Seymour, Tex. Pyorrhea remedy. 170,012; July 10; Serial No. 172,666; published Apr. 3, 1923.
Davenport Brothers, Chattanooga, Tenn. Denims, ticking, outings, cantons, and cheviots. 163,304; Jan. 9.
Davenport Brothers, Chattanooga, Tenn. Hosiery and underwear. 171,296; Aug. 7; Serial No. 166,295; published May 8, 1923.
Davenport-Taylor Mfg. Company, Chicago, Ill. Interchangeable cut-to-shape letters and figures of resilient material. 175,520; Nov. 6; Serial No. 175,471; published June 5, 1923.
Davey, Bickford, Smith & Co., Rouen, France. Detonators and explosives or constituent elements of explosives. 163,907; Feb. 6.
Davey Tree Expert Company, The, Kent, Ohio. Chemical composition of matter for dressing tree wounds. 175,424; Nov. 6; Serial No. 183,055; published Aug. 28, 1923.
Davey Tree Expert Company, The, Kent, Ohio. Wood-preserving paints and shellac. 176,399; Nov. 27; Serial No. 182,296; published Sept. 11, 1923.
Davey Tree Expert Company, The, Kent, Ohio. Wood-preserving paints and shellac. 176,549; Nov. 27; Serial No. 183,054; published Sept. 18, 1923.
David, Albert, New York, N. Y. Artificial-silk fiber. 169,071; June 5; Serial Nos. 170,712–13; published Mar. 13, 1923.
David, Albert, New York, N. Y. Artificial-silk fiber. 169,073; June 5; Serial No. 170,713; published Mar. 13, 1923.
David, John, New York, N. Y. Suits, jackets, raincoats, etc. 173,792; Oct. 2; Serial No. 174,894; published July 10, 1923.
Davidson Brothers Company, Sioux City, Iowa. Ladies' hats and bonnets. 176,028; Nov. 13; Serial No. 178,895; published July 31, 1923.
Davidson, David, Providence, R. I. Pictures. 174,117; Oct. 2; Serial No. 148,932; published June 19, 1923.
Davidson, George, Wick, Scotland. Salted and pickled herrings. 171,498; Aug. 7; Serial No. 171,204; published May 22, 1923.
Davies, Rose & Co., Ltd., Boston, Mass. Extracts and flavorings for food purposes. 168,601; May 29; Serial No. 168,456; published Mar. 6, 1923.
Davies, Rose & Co., Ltd., Boston, Mass. Extracts and flavorings for food purposes. 174,746; Oct. 23; Serial No. 168,517; published July 24, 1923.
Davies, Rose, & Co., Ltd., Boston, Mass. Flavoring for making beverages. 177,426; Dec. 18; Serial No. 156,480; published Oct. 2, 1923.
Davies, William J., Los Angeles, Calif. Tonic and nervine. 163,047; Jan. 2.
Daving, Joseph, New York, N. Y. Watches. 175,844; Nov. 13; Serial No. 180,754; published Aug. 21, 1923.
Davis, Carl H., Woodlake, Calif. Monthly magazine. 163,712; Jan. 23.
Davis, Charles C., Chicago, Ill. Twines, rope, strings, and cordage. 172,194; Aug. 21.
Davis Chemical Company, Toledo, Ohio. Dry cleaner. 171,203; July 31; Serial No. 152,834; published Apr. 24, 1923.
Davis, G. M., Regulator Company, Chicago, Ill. Regulating valves. 175,257; Oct. 30.
Davis, G. M., Regulator Company, Chicago, Ill. Valves, float boxes, etc. 176,664; Nov. 27; Serial No. 182,088; published Sept. 18, 1923.
Davis, George H., doing business as Dur-A-Tone Record Co., Orange, N. J. Talking-machine records. 166,583; Apr. 10; Serial No. 172,148; published Jan. 23, 1923.
Davis, George R., Seattle, Wash. Shoes. 171,650; Aug. 7.
Davis, H. B., Company, The, Baltimore, Md. Ready-mixed paint. 169,649; June 26; Serial No. 169,538; published Mar. 27, 1923.
Davis-Hazzard Corporation, The, Washington, D. C. Advertising-circular matter. 163,798; Jan. 30.
Davis, J. R., doing business as Rex Manufacturing Co., Clarksburg, W. Va. Piston rings. 163,048; Jan. 2.
Davis, Jerome P., executors. (See Davis, Leonard and J. P.)
Davis & Lawrence Co., New York, N. Y. Toilet and vanishing creams. 177,367; Dec. 18; Serial No. 181,821; published Sept. 25, 1923.
Davis, Leonard and J. P., executors under the will of Wm. Davis, Brooklyn, N. Y. Feet tonic for leather shoes. 163,226; Jan. 2.
Davis, Oscar, and C. R. Ridgway, Tonganoxie, Kans. Pastry. 167,435; May 1; Serial No. 163,216; published Jan. 30, 1923.
Davis, P. H., Tailoring Company, Cincinnati, Ohio. Men's and young men's clothing. 169,214; June 12; Serial No. 146,069; published Dec. 20, 1921.
Davis, Paul P., doing business as Ucoline Products Co., Cincinnati, Ohio. Hair tonic. 172,230; Aug. 28; Serial No. 174,690; published May 15, 1923.
Davis-Pope Company Incorporated, Norwalk, Conn. Men's and women's hats. 169,519; June 19; Serial No. 172,585; published Mar. 27, 1923.
Davis, Sam, Indianapolis, Ind. Beverage sold as a soft drink and sirups for making the same. 165,446; Mar. 13; Serial No. 171,259; published Jan. 2, 1923.
Davis, Sherk & Mason Cigar Co., Reading, Pa. Cigars. 176,242; Nov. 20; Serial No. 182,654; published Sept. 11, 1923.
Davis & Voetsch, New York, N. Y. Stuffed toy monkeys. 165,453; Mar. 13; Serial No. 171,489; published Jan. 2, 1923.
Davis & Voetsch, New York, N. Y. Dolls and stuffed animals. 175,466; Nov. 6; Serial No. 181,982; published Aug. 28, 1923.
Davis, W. B., & Son, Fort Payne, Ala. Hosiery. 167,818; May 8; Serial No. 160,753; published Oct. 3, 1922.
Davis, William A., doing business as Wm. A. Davis Co., Temple, Tex. Frozen fruits and ice cream. 170,861; July 24; Serial No. 167,767; published Apr. 24, 1923.
Davis, Wm. (See Davis, Leonard and J. P., executors.)
Davistone Company, The, Chicago, Ill. Radio horns and phonographic tone chambers used as sound amplifiers for radio receiving apparatus. 166,569; Apr. 10; Serial No. 166,435; published Dec. 26, 1922.
Davol, Chas. J., North Kingstown, R. I. Milk, butter. 176,687; Nov. 27; Serial No. 167,714; published July 31, 1923.
Davol Rubber Company, Providence, R. I. Surgeon's gloves. 173,649; Oct. 2; Serial No. 176,721; published June 26, 1923.
Davy Brothers Limited, Sheffield, England. Forging presses, rolling mills, etc. 167,975; Apr. 24.
Davy, Mary J. A., New York, N. Y. Fasteners made of ribbon or other material for holding in place lingerie ribbons or straps. 173,635; Oct. 2; Serial No. 172,586; published May 29, 1923.
Dawson-Edwards Company, Rocky Ford, Colo. Cantaloupes. 170,893; July 24; Serial No. 160,876; published Apr. 24, 1923.
Dawson, Harry C., doing business as Activad Sign Service, Columbus, Ohio. Signs for mechanical advertising purposes. 175,562; Nov. 6; Serial No. 179,033; published Aug. 21, 1923.
Day, Allan C., New York, N. Y. Liniment for the relief of rheumatic and neuralgic pains, lumbago, sciatica, etc. 164,097; Feb. 13.

Day-Gormley Leather Co., Boston, Mass. Finished leather. 169,040; June 5; Serial No. 119,153; published Feb. 27, 1923.
Dayton Air Brush Company, The, Dayton, Ohio. Air brushes and sprayers. 164,840; Feb. 27.
Dayton Company, The, Minneapolis, Minn. Nightgowns, chemise, and princess slips. 163,561; Jan. 23.
Dayton Company, The, Minneapolis, Minn. Hosiery. 176,254; Nov. 20; Serial No. 182,335; published Sept. 4, 1923.
Dayton Hosiery Mills, Dayton, Tenn. Hosiery. 173,205; Sept. 18; Serial No. 172,524; published June 12, 1923.
Dayton Pneumatic Tool Company, The, Dayton, Ohio. Portable pneumatic riveting hammer. 164,893; Feb. 27.
Dayton Rubber Manufacturing Co., The, Dayton, Ohio. Rubber valve caps. 167,687; May 8; Serial No. 158,761; published Feb. 6, 1923.
Dayton Rubber Manufacturing Co., The, Dayton, Ohio. Fan belts. 167,891; May 8; Serial No. 168,104; published Jan. 30, 1923.
Dayton Safety Ladder Company, The, Dayton, Ohio. Stepladders. 169,212; June 12; Serial No. 167,605; published Mar. 13, 1923.
Dayton Steel Racquet Company, The, Dayton, Ohio. Lawn-tennis rackets, court-tennis rackets, etc. 169,567; June 19.
Deachman, T. Wilson, Chicago, Ill. Autogenous product in the nature of urine vaccine. 172,746; Sept. 11; Serial No. 167,868; published May 15, 1923.
Deagan, J. C., Inc. Xylophones. 174,862; Oct. 23; Serial No. 180,529; published July 24, 1923.
Dealers Supply Company, Indianapolis, Ind. Motor oil. 169,944; July 3.
Dean, Edwin, Hoboken, N. J. Candy. 171,261; July 31; Serial No. 169,435; published May 15, 1923.
Dean, O. W., Company, The, Benton Harbor, Mich. Medicine for use in the treatment of ailments of the liver, stomach, and bowels, and as a blood purifier. 172,233; Aug. 28; Serial No. 174,958; published May 15, 1923.
Dean, Wm. G., & Son, New York, N. Y. Baking powder. 167,284; Apr. 24.
Dean-Hicks Company, The, Grand Rapids, Mich. Magazines published monthly. 173,727; Oct. 2; Serial No. 179,780; published June 26, 1923.
Deane Plaster Co., The, Yonkers, N. Y. Foot warming plasters. 168,504; May 22.
Deane Plaster Co., The, Yonkers, N. Y. Antiseptic dressings and absorbent and medicated cottons and gauzes, and bandages. 170,634; July 17; Serial No. 175,307; published Apr. 17, 1923.
Deane Plaster Co., The, Yonkers, N. Y. Antiseptic dressings, gauzes, cottons, and bandages. 172,423; Aug. 28; Serial No. 175,347; published May 29, 1923
Deane Plaster Co., The, Yonkers, N. Y. Medicated and surgical plasters, kidney and medicated plasters. 174,771; Oct. 23; Serial No. 171,154; published Aug. 7, 1923.
Dearborn Supply Company, Chicago, Ill. Shampoo preparation. 174,048; Oct. 2; Serial No. 177,656; published July 10, 1923.
Dearborn Supply Company, Chicago, Ill. Toilet preparation. 174,049; Oct. 2; Serial No. 177,657; published July 10, 1923.
Deavy, Thomas R., doing business as Vesper Pharmacal Co., Tacony, Philadelphia, Pa. Liquid medicine for indigestion, vertigo, etc. 170,919; July 24; Serial No. 165,855; published Apr. 24, 1923.
Debenedetti, John L., San Francisco, Calif. Fresh artichokes. 163,305; Jan. 9.
De Bevoise, Chas. R., Co., Newark, N. J. Brassières. 166,727; Apr. 10; Serial No. 159,744; published July 18, 1922.
De Bevoise, Chas. R., Co., Newark, N. J. Brassières. 174,964; Oct. 30; Serial No. 159,503; published Aug. 7, 1923.
De Bevoise, Chas. R., Co., Newark, N. J. Brassières. 174,966; Oct. 30; Serial No. 159,502; published Aug. 7, 1923.
De Bevoise, Chas. R., Co., Newark, N. J. Brassières. 175,954; Nov. 13; Serial No. 175,010; published Aug. 7, 1923.
De Bevoise, Chas. R., Co., Newark, N. J., and New York, N. Y. Brassières. 176,879; Dec. 4; Serial No. 181,983; published Sept. 11, 1923.
De Brule, August G., doing business as Porcupine Medicine Co., Blewett and Spokane, Wash. Compound for treating rheumatism and diseases of the blood. 170,741; July 24; Serial No. 174,295; published Apr. 24, 1923.
De Bruyn Limited, London, England. Edible oils. 171,742; Aug. 14; Serial No. 169,125; published May 8, 1923.
De Bruyn, Limited, London, England. Flour improvers, a compound consisting of glycerine, oils, and fats. 176,694; Nov. 27; Serial No. 158,705; published Aug. 7, 1923.
De Cabanas y Carbajal H., Jersey City, N. J., and New York, N. Y. Cigars. 168,631; May 29; Serial No. 168,112; published Feb. 13, 1923.
De Cameron, Inc., New York, N. Y. Perfumes. 173,590; Sept. 25.
De Cameron, Inc., New York, N. Y. Perfumes. 174,145; Oct. 2.
De Cameron, Inc., New York, N. Y. Perfumes. 174,151–2; Oct. 2.
De Cameron Inc., New York, N. Y. Perfumes. 176,279; Nov. 20; Serial No. 178,961; published Aug. 14, 1923.
De Cameron, Inc., New York, N. Y. Perfumes. 176,903; Dec. 4.
Decatur Brewing Co., Decatur, Ill. Malt extract in sirup form. 169,597; June 26; Serial No. 120,869; published Oct. 25, 1921.
Decorata Mfg. Co. (See O'Neill, Peter L.)
Decorative Arts League, New York, N. Y. Art objects. 171,382; Aug. 7; Serial No. 144,853; published May 8, 1923.
Decorators Wall Paper Co. (See Webster, Harry W.)
Dèdonato, Frank, Bloomfield, N. J. Compound used for addition to printing ink to give luster, etc. 165,344; Mar. 6; Serial No. 164,240; published Nov. 7, 1922.
Dee-Gee Co. (See Dennis, Charles J.)
Deeks Motor Products, Incorporated, Pittston, Pa. Gasoline-purifying instrumentalities for explosion motors. 168,940; May 29; Serial No. 172,866; published May 6, 1923.
Deemer & Company, Wilkes-Barre, Pa. Writing ink, typewriter ribbons, carbon paper, etc. 174,667; Oct. 23; Serial No. 171,206; published June 19, 1923.
Deep Sea Fisheries, Inc., Rockland, Me. Boneless salt codfish. 170,441; July 17; Serial No. 172,085; published Apr. 10, 1923.
Defiance Dairy Products Company, The, Defiance, Ohio. Evaporated milk. 177,299; Dec. 18; Serial No. 174,129; published Oct. 2, 1923.
Defiance Grocery Company, The, Defiance, Ohio. Coffee, tea, cocoa, spices, breakfast cereals, etc. 176,584; Nov. 27; Serial No. 177,367; published Aug. 21, 1923.
Defiance Manufacturing Company, New York, N. Y. Calendars. 168,978; May 29.
Defiance Pressed Steel Company, The, Defiance, Ohio. Bottle containers or cases. 170,775; July 24; Serial No. 175,714; published Apr. 24, 1923.
De Forest Radio Telephone and Telegraph Company, New York, N. Y. Radio apparatus. 164,973; Feb. 27.
De Forest Radio Telephone and Telegraph Company, New York, N. Y. Radio apparatus. 166,344; Apr. 3; Serial No. 159,955; published Jan. 9, 1923.
De Forest Radio Telephone and Telegraph Company, Jersey City, N. J. Radio telephone and telegraph apparatus. 174,446; Oct. 16; Serial No. 167,229; published June 26, 1923.
De Forest Radio Telephone & Telegraph Company, Jersey City, N. J. Radio telephone and telegraph receiving sets and transmitting sets and parts. 174,411; Oct. 16; Serial No. 175,472; published June 26, 1923.
Deford, Paul F., Pasadena, Calif. Capsules for relief of bladder complaints, spasmodic asthma, heart pains, etc. 169,984; July 10; Serial No. 167,914; published Apr. 10, 1923.
Degener, Armin, Inc., New York, N. Y. Cellulose nonshrinking, noncracking capping fluid. 169,635; June 26; Serial No. 175,072; published Mar. 27, 1923.
Degerberg, Alfred, doing business as Alfred Degerberg Co., Philadelphia, Pa. Ink for polishing shoes. 172,033; Aug. 21; Serial No. 163,436; published May 22, 1923.
Deglarescope Company, The, Detroit, Mich. Lenses for automobiles. 166,164; Mar. 27; Serial No. 167,975; published Jan. 9, 1922.
Deglet Noor Date Growers Association, The, Indio, Calif. Fresh dates. 165,506; Mar. 13; Serial No. 165,125; published Jan. 2, 1923.
De Gracy Co., Inc., New York, N. Y. Breakfast coats and like negligees. 172,149; Aug. 21; Serial No. 161,821; published June 19, 1923.
De Grauw, Aymar & Co., assignor to De Grauw, Aymar & Company, New York, N. Y. Oars, handspikes, and capstan bars. 21,081; renewed May 10, 1922.
De Guile Laboratories, Inc., Minneapolis, Minn. Muscle oil, acne and bleaching lotions, lemon cream, etc. 176,164; Nov. 20; Serial No. 167,841; published Aug. 14, 1923.
De Haen, E., A. G., Seelze, Germany. Chemicals for general laboratory work, etc. 174,776; Oct. 23; Serial No. 171,832; published Aug. 7, 1923.
De Klyn Candy Company, The, Cleveland, Ohio. Confectionery. 172,943; Sept. 11; Serial No. 156,520; published June 5, 1923.
De Klyn Candy Company, The, Cleveland, Ohio. Candy. 175,849; Nov. 13; Serial No. 180,530; published Aug. 28, 1923.
Deknatel, J. A., & Son, Inc., Brooklyn, N. Y. Infant's identification necklace. 172,193; Aug. 21.
Delacour Bros. Ltd., London, England. Tobacco pipes. 170,612–15; July 17; Serial Nos. 176,723–6; published Apr. 24, 1923.
Delacour Bros. Ltd., London, England. Tobacco pipes. 170,623–4; July 17; Serial Nos. 176,727–8; published Apr. 24, 1923.
Delacour Brothers, Ltd., London, England. Tobacco pipes. 171,546–7; Aug. 7; Serial Nos. 178,377–8; published May 15, 1923.
Delacour Bros. Ltd., London, England. Tobacco pipes. 171,559; Aug. 7; Serial No. 177,429; published May 15, 1923.

Alphabetical list of registrants of trade-marks—Continued.

De Laney, Paul, Co. Inc., The, Brocton, N. Y. Grape juice and apple juice. 170,294; July 10; Serial No. 175,772; published Apr. 17, 1923.
Delano, Potter & Company, Inc., Boston, Mass. Tea. 172,077; Aug. 21; Serial No. 176,256; published May 22, 1923.
Delano, Potter & Company, Inc., Boston, Mass. Tea. 177,694; Dec. 25; Serial No. 183,559; published Oct. 9, 1923.
Deléamont, Ernest, Geneva, Switzerland. Evaporators and humidifiers for modifying air in rooms. 165,533; Mar. 13; Serial No. 158,521; published Nov. 7, 1922.
Delfine Pure Food Co., Newark, N. J. Salad dressing, filling for sandwiches, for seasoning of food. 177,040; Dec. 11; Serial No. 179,588; published Sept. 11, 1923.
Delica Laboratories Co., Chicago, Ill. Lip sticks, eye brow and lash dressing, creams, rouge, etc. 176,991; Dec. 11; Serial No. 179,461; published Sept. 11, 1923.
Dello Ink Corp., New York, N. Y. Writing ink. 175,740–1; Nov. 13; Serial No. 178,658–9; published Aug. 21, 1923.
Delmas, Anna M., North Plainfield, N. J. Eatable tablets or cakes. 176,689; Nov. 27; Serial No. 167,557; published Sept. 11, 1923.
Del Monte-Hickey, New York, N. Y. Sport clothes for women. 175,334; Nov. 6; Serial No. 174,202; published July 10, 1923.
Del Norte Commercial Co. (See Hume, John S.)
De Long Hook and Eye Company, The, Philadelphia, Pa. Hooks and eyes, snap fasteners, safety pins, etc. 172,244; Aug. 28; Serial No. 161,767; published May 22, 1923.
De Long Hook and Eye Company, The, Philadelphia, Pa. Hooks and eyes, snap fasteners, and safety pins. 172,248; Aug. 28; Serial No. 159,351; published May 22, 1923.
Delrose Laboratories, Carbondale, Pa. Preparation for preventing perspiration and odor. 167,232; Apr. 24; Serial No. 164,403; published Oct. 24, 1922.
Delscamp Paint & Glass Company, The, Dayton, Ohio. Spar varnish for floors, doors, woodwork, furniture, and automobiles. 164,691; Feb. 27.
Del Sordo, Harry E., Newark, N. J. Dandruff remover. 170,025; July 10; Serial No. 173,593; published Apr. 10, 1923.
Delta Chemical Company. (See Harrison, Wilford.)
Delta Sigma Phi Fraternity, The, New York, N. Y. Quarterly publication. 175,292; Nov. 6; Serial No. 153,715; published June 12, 1923.
De Lue Company, Chicago, Ill. Beverage sold for soft drink purposes. 176,806; Nov. 27.
Demas, James, Seymour, Ind. Chocolate-covered banana. 163,306; Jan. 9.
Demartini, L., Supply Company, San Francisco, Calif. Bottled and canned liquid compound of Mexican vanilla beans, vanillin, and coumarin uncolored. 169,993; July 10; Serial No. 141,417; published Nov. 29, 1922.
Demetrulias, Angelo, Johnston City, Ill. Beverage sold as a soft drink. 170,354; July 10.
De Milo Perfume Co., Inc., New York, N. Y. Cold cream, almond cream, hair tonic, face powder, witch-hazel, etc. 163,049; Jan. 2.
Deming Company, The, Salem, Ohio. Pumps, including hydraulic rams. 172,789; Sept. 11; Serial No. 175,923; published June 5, 1923.
Demmerle & Co., New York, N. Y. Straw hats. 166,667; Apr. 10; Serial No. 165,274; published Dec. 12, 1922.
Demoville, James L., doing business as Vita-Coca Bottling Company, Boston, Mass. Nonalcoholic, maltless beverage sold as a soft drink. 164,261; Feb. 13.
Demuth, Wm., & Co., New York, N. Y. Tobacco pipes and cases. 169,111; June 5.
Denio, J. W., Milling Company, The, Sheridan, Wyo. Wheat flour. 172,636; Sept. 11; Serial No. 164,025; published May 1, 1923.
Denio, J. W., Milling Company, The, Sheridan, Wyo. Wheat flour. 172,934; Sept. 11; Serial No. 164,024; published June 5, 1923.
Denman-Myers Cord Tire Co., The, Warren, Ohio. Rubber tires. 166,986; Apr. 17.
Denman Myers Cord Tire Company, The, Warren, Ohio. Tires composed of rubber and fabric. 175,179; Oct. 30; Serial No. 181,252; published Aug. 14, 1923.
Denney & Co., Yakima, Wash. Fresh apples. 173,616; Oct. 2; Serial No. 166,657; published July 3, 1923.
Denney & Denney, Philadelphia, Pa. Chemical preparation for application upon the face. 176,789; Nov. 27.
Dennis, Charles J., doing business as Dee-Gee Co., Chicago, Ill. Nonalcoholic, maltless sirup used in making soft drinks. 175,408; Nov. 6; Serial No. 181,516; published Aug. 28, 1923.
Dennison Manufacturing Co., Framingham, Mass. Tags. 171,160; July 30; Serial No. 176,330; published May 1, 1923.
Dennison Manufacturing Co., Framingham, Mass. Crêpe paper. 173,743; Oct. 2; Serial No. 178,093; published June 19, 1923.
De Nordiske Fabriker, De. No. Fa. Aktieselskap, Christiania, Norway. Eatable fats and oils. 164,795; Feb. 27.
Dent Laboratories. (See Biegler, George C.)
Dentaid Products Co. (See Smith, Russell O. L.)
Dental Protective Supply Company, Chicago, Ill. Dental alloys and cements. 177,540; Dec. 18; Serial No. 183,519; published Oct. 2, 1923.
Dentrol Sales Corporation, Wilmington, Del., and New York, N. Y. Fabric rolls impregnated with a dentifrice and holders therefor. 173,272; Sept. 18; Serial No. 175,009; published June 19, 1923.
Denturlite Laboratories, Inc., Chicago, Ill. Dental composition for replacing lost tooth structure. 164,319; Feb. 20.
Denver Optic Company. (See Biel, Conrad E.)
Denver Pharmacal Co. (See McCanne, Edward B.)
Depew Drug Company. (See Depew, Samuel H., sr.)
Depew, Samuel H., sr., doing business as Depew Drug Company, Tamaqua, Pa. Liquid preparation for gastric dyspepsia and resulting indigestion, colic, etc. 164,175; Feb. 13.
Depew, Samuel H., sr., doing business as Depew Drug Company, Tamaqua, Pa. Liquid preparation for gastric dyspepsia, dizziness, etc. 164,437; Feb. 20.
De Ricqles, E., et Cie., Lyon and Paris, France; Societe Anonyme de Ricqles, St. Ouen, France, successor. Mint alcohol. 21,900; renewed Nov. 1, 1922.
Derk, Joseph, & Co., Philadelphia, Pa. Drapery fabrics made of cotton, wool, silk, etc. 169,674; June 26; Serial No. 174,385; published Mar. 27, 1923.
Dermavel Laboratories. (See Martin, John H.)
Dern Food Company, The, Colorado Springs, Colo. Coffee. 174,684; Oct. 23; Serial No. 179,857; published July 31, 1923.
De Roubaix Oedenkoven & Co., Borgerhout, near Antwerp, Belgium. Candles, stearin or stearic acid, oleine and glycerin. 23,528; renewed Aug. 23, 1923.
Derryvale Linen Co. Inc., New York, N. Y. Linen and cotton piece goods, etc. 168,743; May 29; Serial No. 171,260; published Mar. 6, 1923.
Derryvale Linen Co., Inc., New York, N. Y. Piece goods, etc. 168,744; May 29; Serial No. 171,262; published Mar. 6, 1923.
Derryvale Linen Co., Inc., New York, N. Y. Piece goods, etc. 168,745; May 29; Serial No. 171,264; published Mar. 6, 1923.
Derryvale Linen Co., Inc., New York, N. Y. Writing paper. 168,868; May 29; Serial No. 171,265; published Mar. 6, 1923.
Derryvale Linen Co., Inc., New York, N. Y. Linen and cotton piece goods, towels, handkerchiefs, napkins, etc. 170,250; July 10; Serial No. 171,263; published Mar. 6, 1923.
Derryvale Linen Co. Inc., New York, N. Y. Linen and cotton piece goods, etc. 168,869; May 29; Serial No. 171,261; published Mar. 13, 1923.
De Saussure, Frank M., jr., doing business as Peerless Folding Ladder Co., Greenville, S. C. Folding stepladders. 173,078; Sept. 11.
Deshell Laboratories Inc., Los Angeles, Calif. Remedy for constipation. 165,616; Mar. 13; Serial No. 167,296; published Dec. 12, 1922.
Des Lauriers Metal Products Co., Inc., St. Paul, Minn. Milk-shipping cans and cans used for packing and shipping ice cream. 170,641; July 17; Serial No. 176,166; published Apr. 24, 1923.
Des Lauriers Metal Products Co. Inc., St. Paul, Minn. Milk-shipping cans and cans for packing and shipping ice cream. 171,549; Aug. 7; Serial No. 178,233; published May 15, 1923.
Des Moines Bakery, Co., Des Moines, Iowa. Bread. 167,389; May 1; Serial No. 164,536; published Dec. 19, 1922.
Desmond, B. G., Manufacturing Corporation, New York, N. Y. Lubricating oils and lubricants. 168,846; May 29; Serial No. 173,074; published Mar. 27, 1923.
Desmond-Stephan Manufacturing Company. (See McConnell, George.)
Despang, Alfred, doing business as The De Spang Wanderer Co., Brooklyn, N. Y. Toy aeroplanes. 165,958; Mar. 27; Serial No. 151,662; published Dec. 5, 1922.
De Spang Wanderer Co., The. (See Despang, Alfred.)
Dessart Brothers, Inc., Brooklyn, N. Y. False faces, toy mustaches, and beards, toy wigs, etc. 167,306; Apr. 24.
Dessart Brothers Inc., Brooklyn, N. Y. False faces, toy mustaches and beards, toy wigs, etc. 169,185–7; June 12; Serial Nos. 172,979–81; published Mar. 20, 1923.
Detmer, Bruner & Mason, Inc., New York, N. Y. Spool silk. 175,237; Oct. 30.
Detmer, Bruner & Mason, Inc., New York, N. Y. Spool silk. 176,928; Dec. 4.
Detourbe, Maurice L., Paris, France. Ready-mixed paints, varnishes, dry colors, etc. 176,068; Nov. 13; Serial No. 181,683; published Sept. 4, 1923.
Detourbe, Maurice L., Paris, France. Ready-mixed paints, varnishes, dry colors, etc. 176,075; Nov. 13; Serial No. 181,684; published Sept. 4, 1923.
Detroit Alloy Steel Co., Detroit, Mich. Tool steel. 175,303; Nov. 6; Serial No. 166,554; published Aug. 14, 1923.
Detroit Brass & Malleable Works, Detroit, Mich. Brass valves and cocks, gas appliances, etc. 166,401; Apr. 3; Serial No. 153,649; published July 4, 1922.
Detroit City Gas Co., Detroit, Mich. Domestic gas ranges. 172,278; Aug. 28; Serial No. 170,128; published May 29, 1923.

Detroit Concrete Receptacle Co., Detroit, Mich. Reenforcd-concrete garbage, ash, and rubbish receptacles, etc. 166,089; Mar. 27; Serial No. 164,235; published Nov. 28, 1922.

Detroit Dental Manufacturing Company, Detroit, Mich. Rubber-dam holders. 166,490; Apr. 3; Serial No. 171,065; published Jan. 9, 1923.

Detroit Dental Manufacturing Company, Detroit, Mich. Dental tools, instruments, and supplies. 177,386; Dec. 18; Serial No. 181,592; published Oct. 2, 1923.

Detroit Graphite Company, Detroit, Mich. Protective and fire-retarding paint. 164,331; Feb. 20.

Detroit Graphite Company, Detroit, Mich. Oil paint. 176,913; Dec. 4.

Detroit Insulated Wire Company, Detroit, Mich. Insulated wire. 170,969; July 24.

Detroit Lubricator Company, Detroit, Mich. Locomotive lubricators, stationary lubricators, valve and oil cups. 173,041; Sept. 11; Serial No. 176,955; published June 5, 1923.

Detroit Lubricator Company, Detroit, Mich. Metal valves for pipe lines and the like. 174,509; Oct. 16; Serial No. 179,929; published July 24, 1923.

Detroit Packing Co., Detroit, Mich. Bacon. 174,135; Oct. 2.

Detroit Packing Company, Detroit, Mich. Fresh beef. 172,029; Aug. 21; Serial No. 166,658; publised May 29, 1923.

Detroit Range Boiler and Steel Barrel Co., Detroit, Mich. Range boilers. 163,492; Jan. 16.

Detroit Soda Products Company, Detroit, Mich. Sal soda, baking soda, water softeners, and borax. 165,787; Mar. 20; Serial No. 164,402; published Oct. 31, 1922.

Detroit Stoker Company, Detroit, Mich. Natural-draft and underfeed stokers. 165,946; Mar. 20.

Detroit White Lead Works, Detroit, Mich. Paints, paint enamels, japans, etc. 167,535; May 1; Serial No. 171,985; published Feb. 13, 1923.

Deutsch, Morris, doing business as The French American Pharmacal Co., New York, N. Y. Depilatories. 163,050; Jan. 2.

Deutsche Elektrizitäts-Werke zu Aachen-Gerbe, Lahmeyer & Co.-Aktiengesellschaft, Aachen, Germany. Dynamos, electromotors and parts thereof, electrical apparatus. 170,141; July 10; Serial No. 162,985; published Apr. 3, 1923.

Deutsche Gold und Silber Scheideanstalt vormals Roessler, Frankfort-on-the-Main, Germany. Chemical preparations used against plant pests and seed afflictions. 174,373; Oct. 16; Serial No. 167,842; published July 17, 1923.

Deutz & Ortenberg, Inc., New York, N. Y. Waists, blouses, dresses, skirts, suits, etc. 164,580; Feb. 20.

De Vilbiss Manufacturing Co., The, Toledo, Ohio. Atomizers, vaporizers, nebulizers, syringes, forceps, etc. 164,521; Feb. 20.

De Vilbiss Manufacturing Co., The, Toledo, Ohio. Atomizers and spraying devices for toilet waters, perfumes, liquid deodorants, etc. 164,522; Feb. 20.

De Vilbiss Manufacturing Co., The, Toledo, Ohio. Compressed-air spraying machines for applying paints, varnishes, etc., hose cleaners, etc. 166,404; Apr. 3; Serial No. 161,177; published Jan. 2, 1923.

De Vito, Aristide, doing business as Washington Pastry Co., San Francisco, Calif. Honey and nut confections. 171,317; Aug. 7; Serial No. 167,867; published May 1, 1923.

De Vito Salvo Hair Tonic Co., Inc., New York, N. Y. Hair tonic and preservative. 175,012; Oct. 30; Serial No. 177,833; published Aug. 7, 1923.

Devitt, W. M., Memphis, Tenn. Pop-corn confection. 165,975; Mar. 27; Serial No. 160,699; published Nov. 28, 1922.

Devoe & Raynolds Co. Inc., New York, N. Y. Full-gloss and semigloss paint enamel. 163,493; Jan. 16.

Devoe & Raynolds Co. Inc., New York, N. Y. Paint enamel. 163,494; Jan. 16.

Devoto y Cauchaner, Buenos Aires, Argentina. Soaps, pastes, powders, and liquids for cleaning metal, wood, leather, and clothing. 171,072; July 31; Serial No. 171,729; published Apr. 3, 1923.

Dewar, John, & Sons, Limited, Perth, Scotland, and London, England. Whisky. 163,468; Jan. 16.

Dewey and Almy Chemical Company, Cambridge, Mass. Cements for sealing tin cans, glass or metal containers, and bottle caps, etc. 169,515; June 19; Serial No. 172,033; published Mar. 20, 1923.

De Witt, E. C., & Co., Inc., New York, N. Y., and Chicago, Ill. Laxative sirup and tablets, kidney, bladder, and rheumatic pills, gall salve, etc. 163,307; Jan. 9.

De Witt, E. C.. & Co., Inc., Chicago, Ill. Preparation for removing corns and calli. 174,074; Oct. 2; Serial No. 178,597; published July 10, 1923.

Dewma Company. (See McAllister, William E.)

Dexter Company, The, Fairfield, Iowa. Clothes wringers and washing machines. 164,995; Feb. 27.

Dexter Manufacturing Co., Boston, Mass. Coin purses, school bags, bill folds, and hand bags. 165,274; Mar. 6; Serial No. 158,114; published Dec. 12, 1922.

De Zeng Standard Co., Camden, N. J. Diagnostic medical instruments. 168,300; May 15

De Zon, Florie, Detroit, Mich. Preparation for the treatment of hair and scalp. 172,363; Aug. 28; Serial No. 174,130; published May 15, 1923.

Diamond Bros., New York, N. Y. Hosiery. 177,249; Dec. 11; Serial No. 183,366; published Sept. 25, 1923.

Diamond Cab Sales Corporation, New York, N. Y. Automobile bodies. 175,082; Oct. 30; Serial No. 179,993; published Aug. 14, 1923.

Diamond Cab Sales Corporation, New York, N. Y. Monthly publication. 176,419; Nov. 27; Serial No. 181,014; published Sept. 11, 1923.

Diamond Cake Company, Philadelphia, Pa. Cake. 170,141; July 31; Serial No. 160,239; published Mar. 27, 1923.

Diamond Calk and Horseshoe Co., Duluth, Minn. Horseshoe and horseshoe calks. 168,676; May 29; Serial No. 144,607; published Feb. 27, 1923.

Diamond Expansion Bolt Co., New York, N. Y. Bolt anchors and expansion shields and parts therefor. 173,587; Sept. 25.

Diamond Expansion Bolt Co., New York, N. Y. Galvanizing. 175,308; Nov. 6; Serial No. 161,822; published Aug. 14, 1923.

Diamond Expansion Bolt Co., New York, N. Y. Rings for stringing bridle wires. 175,554–5; Nov. 6; Serial Nos. 179,782–3; published Aug. 21, 1923.

Diamond Food Products Company. (See Sterrick, Harrison D.)

Diamond Ice Cream Company, Fairmont, W. Va. Ice cream. 165,582; Mar. 13; Serial No. 162,984; published Nov. 28, 1922.

Diamond Laboratories, Inc., The, Seattle, Wash. Hair dressing. 173,868; Oct. 2; Serial No. 176,791; published June 12, 1923.

Diamond Manufacturing Company. (See Ewing, Joseph H.)

Diamond Match Company, The, Chicago, Ill. Matches. 167,347–8; May 1; Serial No. 158,820–1; published Apr. 25, 1922.

Diamond Match Company, The, Chicago, Ill. Matches. 170,565–6; July 17; Serial Nos. 158,822–3; published Apr. 17, 1923.

Diamond Match Company, The, Chicago, Ill. Matches. 170,617–20; July 17; Serial Nos. 177,075–8; published Apr. 17, 1923.

Diamond Match Company, The, Chicago, Ill. Matches. 171,686; Aug. 7.

Diamond Match Company, The, Chicago, Ill. Matches. 171,787; Aug. 14; Serial No. 178,897; published May 22, 1923.

Diamond Match Company, The, Chicago, Ill. Matches. 171,973; Aug. 21; Serial No. 178,909; published May 22, 1923.

Diamond Match Company, The, Chicago, Ill. Matches. 171,974; Aug. 21; Serial No. 178,912; published May 22, 1923.

Diamond Match Company, The, Chicago, Ill. Matches. 171,975; Aug. 21; Serial No. 178,913; published May 22, 1923.

Diamond Match Company, The, Chicago, Ill. Matches. 171,984; Aug. 21; Serial No. 178,896; published May 22, 1923.

Diamond Match Company, The, Chicago, Ill. Matches. 171,985–95; Aug. 21; Serial Nos. 178,898–908; published May 22, 1923.

Diamond Match Company, The, Chicago, Ill. Matches. 175,032; Oct. 30; Serial No. 178,914; published Aug. 14, 1923.

Diamond, McDonnell & Co., Philadelphia, Pa. Bluing. 166,239; Mar. 27; Serial No. 165,530; published Nov. 28, 1922.

Diamond Mills Paper Company, New York, N. Y. Toilet paper. 174,560; Oct. 23; Serial No. 181,387; published July 24, 1923.

Diamond, Patrick, Philadelphia, Pa. Washing blue. 21,903; renewed Nov. 1, 1922.

Diamond Pillow, Feather and Down Co., Baltimore, Md. Mattresses, pillows, and box springs. 165,214; Mar. 6; Serial No. 166,222; published Nov. 14, 1922.

Diamond Star Products Co. (See Katz, Sigmund.)

Diamond State Fibre Company, Elsmere, Del., and Bridgeport, Pa. Laminated phenolic condensation product made by impregnating materials. 175,089; Oct. 30; Serial No. 180,163; published Aug. 7, 1923.

Diamond State Fibre Company, Elsmere, Del., and Bridgeport, Pa. Gear blanks and gear wheels. 177,542; Dec. 18; Serial No. 183,440; published Oct. 2, 1923.

Diamond State Fibre Company, Elsmere, Del., and Bridgeport, Pa. Gear blanks and gear wheels. 177,543; Dec. 18; Serial No. 183,438; published Oct. 2, 1923.

Dick, A. B., Company, Chicago, Ill. Duplicating machines and parts thereof. 166,808; Apr. 17; Serial No. 167,937; published Jan. 23, 1923.

Dickens, Charles, doing business as The Radiumoid Laboratories, Oakland, Calif. Radioactive articles to be used for the treatment of arthritis, neuritis, rheumatism, and gout. 165,580; Mar. 13; Serial No. 162,614; published Dec. 12, 1922.

Dickes, Block and Abbey, New York, N. Y. Dresses, costumes, and gowns. 175,365; Nov. 6; Serial No. 176,538; published Aug. 14, 1923.

Dickey, Laurence P., assignor to Richard Hudnut, New York, N. Y. Duplex vanity cases. 166,002; Mar. 27; Serial No. 168,576; published Dec. 5, 1922.

Dickey, William E., Seneca Falls, N. Y. Automatic pneumatic water-supply system. 173,925; Oct. 2; Serial No. 178,433; published July 10, 1923.

Dickgiesser, Charles J., doing business as Charles J. Dickgiesser & Co., Derby, Conn. Metal guards for machinery. 173,084; Sept. 11.

Dickinson, Albert, Company, The, Chicago, Ill. Shelled pop corn. 23,250; renewed June 27, 1923.

Dickinson, Albert, Company, The, Chicago, Ill. Farm or agricultural seeds. 23,347; renewed July 11, 1923.

Dickinson, Albert, Company, The, Chicago, Ill. Dairy feed. 172,812; Sept. 11; Serial No. 175,074; published June 5, 1923.

Dickinson, Albert, Company, The, Chicago, Ill. Poultry feed. 172,965; Sept. 11; Serial No. 175,073; published June 5, 1923.

Dickinson & Co., Inc., Minneapolis, Minn. Glare and storm shields, windshields, and wind-deflecting wings. 163,051; Jan. 2.

Dickinson Fuel Company, Dallas, Tex. Blacksmith coal. 176,048; Nov. 13; Serial No. 181,253; published Sept. 4, 1923.

Dickinson, John, & Co., Limited, London, England. Paper. 23,516; renewed Aug. 22, 1923.

Dickson Chemical Co. (See Dickson, Moses A.)

Dickson, Hugh F., Covington, Tenn. Salve for the treatment of penumonia, influenza, etc. 172,972; Sept. 11; Serial No. 174,768; published June 5, 1923.

Dickson, Moses A., doing business as Dickson Chemical Co., Eatonton, Ga. Hair dressing. 167,745; May 8; Serial No. 169,533; published Jan. 9, 1923.

Didisheim, Hipp., Company, Inc., New York, N. Y. Watches, watch movements, and parts of the same. 167,335; Apr. 24.

Didrichsen, Johan, Christiania, Norway. Cod-liver oil. 174,520; Oct. 16; Serial No. 175,715; published July 24, 1923.

Diebold Safe & Lock Company, Canton, Ohio. Filing, skeleton, fireproof, burglarproof, and manganese safes, vault doors, locks and safe-deposit baxes. 171,871; Aug. 14; Serial No. 174,127; published May 8, 1923.

Diederich, Henry, Brooklyn and Valley Stream, N. Y. Rusk. 177,056; Dec. 11; Serial No. 180,110; published Sept. 25, 1923.

Diehnelt, W., Inc., Milwaukee, Wis. Prepared mustard, honey, pickles, etc. 176,907; Dec. 4.

Diekemper, Ray J., Terre Haute, Ind. Horse-radish. 170,281; July 10; Serial No. 172,867; published Apr. 17, 1923.

Diem & Wing Paper Co., The, Cincinnati, Ohio. Ledger paper. 176,769–70; Nov. 27.

Diem & Wing Paper Co., The, Cincinnati, Ohio. Wrapping paper. 177,555; Dec. 18; Serial No. 183,056; published Oct. 2, 1923.

Diemer, Mary B., Springfield, Mo. Angle supports. 164,885; Feb. 27.

Dietz, R. E., Company, New York, N. Y. Oil-burning motor-vehicle lamps and burners and oil pots thereof. 163,052; Jan. 2.

Dietz, R. E., Company, New York, N. Y. Oil-burning lanterns and the burners and metal parts thereof. 171,626; Aug. 7; Serial No. 176,455; published May 22, 1923.

Dietzgen, Eugene, Co., Chicago, Ill. Ruling, detail ruling, railroad, curve, etc., pens. 173,913; Oct. 2; Serial No. 175,136; published July 3, 1923.

Diffenbacher, Mark M., Long Beach, Calif. Candies. 177,719; Dec. 25; Serial No. 158,113; published Sept. 25, 1923.

Di Giorgio, Rosario, Los Angeles, Calif. Fresh citrous fruits, fresh deciduous fruits, and fresh vegetables. 168,363; May 22; Serial No. 165,354; published Feb. 27, 1923.

Dilas, Harry, doing business as The Arcadia, Bay City, Mich. Candy. 173,889; Oct. 2; Serial No. 176,731; published July 10, 1923.

Dill Manufacturing Company, The, Cleveland, Ohio. Caps for inflation valves. 171,942; Aug. 14.

Dilling & Company, Indianapolis, Ind. Candy. 164,052; Feb. 13.

Dillon, Charles G., New York, N. Y. Beverage sold as a soft drink and sirups for making the same. 174,177; Oct. 9; Serial No. 179,590; published July 17, 1923.

Dimit Co., Inc., The, Baltimore, Md. Electrically-operated headlight dimmers. 167,927; May 8; Serial No. 171,121; published Feb. 20, 1923.

Dimock, Julian A., doing business as The Dimock Orchard, East Corinth, Vt. Seed potatoes and apples in their natural state. 164,984; Feb. 27.

Dimock Orchard, The. (See Dimock, Julian A.)

Dings Magnetic Separator Co., Milwaukee, Wis. Magnets and magnetic separators. 177,846. Dec. 25.

Dinhofer Bros. Inc., New York, N. Y. Bar pins, belt buckles, bracelets, brooches, neck chains, etc. 170,037; July 10; Serial No. 173,918; published Apr. 3, 1923.

Dinhofer Bros. Inc., New York, N. Y. Platinum in bars, sheets, rolls, etc., and platinum solder. 170,232; July 10; Serial No. 173,919; published Apr. 3, 1923.

Dinhofer Bros. Inc., New York, N. Y. Watchcases. 174,702; Oct. 23; Serial No. 176,168; published June 26, 1923.

Diodato, Frank A., doing business as Buffalo Novelty Company, Buffalo, N. Y. Gasoline savers or devices for supplying water vapor to internal-combustion engines. 166,840; Apr. 17; Serial No. 169,011; published Jan. 9, 1923.

Diozone Co. (See Merritt, Hiram.)

Di Palma, F. & J., New York, N. Y. Olive oil. 169,163; June 12; Serial No. 166,878; published Mar. 27, 1923.

Direct Chocolate Company, Inc., Fall River, Mass. Candy. 175,536; Nov. 6; Serial No. 180,755; published Aug. 21, 1923.

Direct Equipment & Engineering Corporation, New York, N. Y. Bottle filling and washing machines and cork pullers. 173,531; Sept. 25.

Direct Method Company, Warren, Pa. Traveling bags. 175,463; Nov. 6; Serial No. 182,572; published Aug. 28, 1923.

Director, Hyman, Los Angeles, Calif. Ladies' cloaks, suits, and skirts. 166,704; Apr. 10; Serial No. 167,385; published Dec. 12, 1923.

Disc Alley Manufacturing Company, Atlanta, Ga. Parlor board game. 170,067; July 10; Serial No. 165,010; published Apr. 3, 1923.

Dismond, Henry B., doing business as O-Do-Less Products Co., Danville, Ill. Toilet lotion for deodorizing offensive and excessive perspiration. 168,380; May 22; Serial No. 169,437; published Feb. 20, 1923.

Disney Hats, New York, N. Y. Hats and caps. 170,392; July 17; Serial No. 171,209; published Apr. 3, 1923.

Display Publishing Company, The, Cincinnati, Ohio. Monthly publication for merchants, display men, and advertisers. 165,259; Mar. 6; Serial No. 168,105; published Dec. 19, 1922.

Display Stage Lighting Company, Inc., New York, N. Y. Electrical spotlights. 164,704; Feb. 27.

Disston, Henry, & Sons, Incorporated, Philadelphia, Pa. Trowels. 164,075; Feb. 13.

Distillers Company, Limited, The, Edinburgh, Scotland. Whisky. 22,771; renewed Apr. 11, 1923.

Ditzler Color Company, Detroit, Mich. Japan colors, varnishes, primers, paint enamels, and mixed paints. 176,392; Nov. 27; Serial No. 152,322; published Nov. 28, 1922.

Dixie Co., The, Fairmont, W. Va. Motor fuel, gasoline, oils, and greases. 172,034; Aug. 21; Serial No. 163,259; published Oct. 31, 1922.

Dixie Guano Company, Inc., Suffolk, Va. Mixed commercial fertilizers. 163,227; Jan. 2.

Dixie Hosiery Mills. (See Brumby, B. G.)

Dixie Laboratories, Atlanta, Ga. Hair tonic. 169,885; July 3; Serial No. 154,015; published Nov. 28, 1922.

Dixie Mills, Clarksville, Tenn. Wheat and Graham flour, corn meal, and wheat feed. 176,856; Dec. 4; Serial No. 173,741; published Sept. 11, 1923.

Dixie Oil & Grease Company, Atlanta, Ga. Lubricating oils and greases. 164,373; Feb. 20.

Dixie Oil & Grease Company, Atlanta, Ga. Lubricating oils and greases. 173,234; Sept. 18; Serial No. 166,659; published June 19, 1923.

Dixon Cereal and Feed Company, The, Dixon, Ill. Hog food. 176,855; Dec. 4; Serial No. 171,730; published Sept. 11, 1923.

Dixon, Charles P., doing business as Itis-Real Remedy Company, Kansas City, Mo. Salves and ointments. 172,683; Sept. 11; Serial No. 162,613; published May 29, 1923.

Dixon, Joseph, Crucible Company, Jersey City, N. J. Lubricating oil. 164,692; Feb. 27.

Dixon, Joseph, Crucible Company, Jersey City, N. J. Pencils. 173,578; Sept. 25.

Dixon, Joseph, Crucible Company, Jersey City, N. J. Pencils. 177,642; Dec. 25; Serial No. 123,798; published Oct. 9, 1923.

Dobbie McInnes & Clyde, Ltd., Glasgow, Scotland. Liquid-measuring and level-indicating apparatus. 167,224; Apr. 24; Serial No. 157,413; published Jan. 30, 1923.

Dobbs & Co., New York, N. Y. Caps, hats, gloves, neckwear, fur coats, suits, etc. 174,832; Oct. 23; Serial No. 176,257; published Aug. 7, 1923.

Doble, William H., Norfolk Downs, Mass. Shipping cases. 166,085; Mar. 27; Serial No. 157,715; published Dec. 5, 1922.

Dobson, John & James, Inc., New York, N. Y. Coats for ladies and misses. 168,282; May 15.

Dobson, John & James, Inc., New York, N. Y. Coats for ladies and misses. 168,329; May 22; Serial No. 165,289; published Jan. 2, 1923.

Dodane, Ameda L., Fort Wayne, Ind. Stomachical tonic containing pepsin, bitter herbs, iron, quinine, and strychnine. 165,553; Mar. 13; Serial No. 152,789; published Dec. 26, 1922.

Dodd & Struthers, Des Moines, Iowa. Lightning rods. 164,634; Feb. 27.

Dodge, A. M., Inc., Stuart and Lake Worth, Fla. Beverages sold as soft drinks. 177,695; Dec. 25; Serial No. 183,443; published Oct. 9, 1923.

Dodge Brothers, Detroit, Mich. Glass lenses. 166,001; Mar. 27; Serial No. 168,457; published Dec. 19, 1922.

Dodge, Sweeney & Co., San Francisco, Calif. Canned fruits, vegetables, and fish. 166,499; Apr. 3; Serial No. 162,724; published Jan. 9, 1923.
Doe River Overall Company, Elizabethton, Tenn. Overalls and overall coats. 175,853; Nov. 13; Serial No. 176,608; published Aug. 28, 1923.
Doehler Die-Casting Co., Brooklyn, N. Y. Die-casting metal and die castings. 170,242; July 10; Serial No. 174,562; published Apr. 3, 1923.
Doerr, Carl F., New York, N. Y. Glass cutter. 174,913; Oct. 23.
Dold, Jacob Packing Co., Buffalo, N. Y. Margarine and butter substitutes. 163,686; Jan. 23.
Dold, Jacob, Packing Co., Buffalo, N. Y. Smoked and cured meats and lard. 166,336; Mar. 27.
Dold, Jacob & Sons, New York, N. Y. Pinafortes, pianos, and phonographs. 175,729; Nov. 13; Serial No. 179,138; published Aug. 21, 1923.
"Dolly Dixie" M'f'g Company. (See Morgan-Anderson Company.)
Dolly Madison Dresses, Inc., New York, N. Y. Misses' dresses. 175,815; Nov. 13; Serial No. 157,760; published Aug. 21, 1923.
Dolly Varden Chocolate Company, The, Cincinnati, Ohio. Candies. 171,588; Aug. 7; Serial No. 175,632; published May 22, 1923.
Dolly Varden Chocolate Company, The, Cincinnati, Ohio. Candy. 176,538; Nov. 27; Serial No. 182,236; published Sept. 11, 1923.
Dolly Varden Co. (See Willats, Marietta B.)
Dolman Manufacturing Company, Inc., Springfield, Mass. Screw drivers. 176,082; Nov. 13.
Domestic Electric Company, The, Cleveland, Ohio. Radio apparatus. 174,661; Oct. 23; Serial No. 169,626; published July 10, 1923.
Domestic Engineering Co., Chicago, Ill. Plumbing and heating periodical. 169,684; June 26; Serial No. 172,587; published Mar. 27, 1923.
Domino House. (See Sullivan, Marguerite.)
Donahoe's Inc., Pittsburgh, Pa. Chocolates and chocolate-coated candies. 165,763; Mar. 20; Serial No. 161,035; published Jan. 2, 1923.
Donahue, Henry M., doing business as Hoyt Apothecaries Co., San Francisco, Calif. Mouth wash. 170,064; July 10; Serial No. 171,908; published Apr. 3, 1923.
Donaldson & Co. (See Griffiths, David R.)
Doniger & Company Inc., New York, N. Y. Hypodermic syringes. 173,646; Oct. 2; Serial No. 176,957; published May 8, 1923.
Donley Brothers Co., The, Cleveland, Ohio. Metal building specialties. 169,590; June 26; Serial No. 154,491; published Mar. 13, 1923.
Donley Brothers Company, Cleveland, Ohio. Fireplace dampers and operating means therefor, fireplace baskets, etc. 175,033; Oct. 30; Serial No. 178,828; published Aug. 7, 1923.
Donley Brothers Company, The, Cleveland, Ohio. Drain-pipe traps for refrigerators and bathtubs, slop sinks, etc. 177,408; Dec. 18; Serial No. 178,829; published Oct. 2, 1923.
Donnelly, Julia, doing business as Vi-Tabs Co., New York, N. Y. Medicinal tablets containing vitamines. 163,053; Jan. 2.
Donohue, Sarah E., doing business as The Peerless Dentists, Eugene, Oreg. Dental anæsthetic. 169,697; June 26.
Doptoglou Bros. of New York, New York, N. Y. Cotton piece goods. 171,393; Aug. 7; Serial No. 177,037; published May 1, 1923.
Doptoglou Bros. of New York, New York, N. Y. Cotton piece goods. 177,465; Dec. 18; Serial No. 177,079; published Sept. 25, 1923.
Doran, Daniel A., doing business as Mailevator Co., Yonkers, N. Y. Electric mail hoists and elevators and parts thereof. 164,664; Feb. 27.
Dorfman & Miller, New York, N. Y. Coats for children, juniors, misses and ladies. 169,765; July 3; Serial No. 169,396; published Apr. 3, 1923.
Dorgan-McPhillips Sales Co. Inc., Mobile, Ala. Canned shrimp. 176,715; Nov. 27; Serial No. 183,258; published Sept. 18, 1923.
Dorisa Manufacturing Co. (See Hirschfeld, Mildred.)
D'Orlando & Co. Ltd., Boston, Mass. Candy and chocolates. 176,163; Nov. 20; Serial No. 168,357; published Sept. 4, 1923.
Dorman, Nathan, New York, N. Y. Cheese. 167,209; Apr. 24; Serial No. 165,126; published Jan. 30, 1923.
Dormer Brothers Company, The, Cincinnati, Ohio. Hosiery. 177,574; Dec. 18; Serial No. 184,068; published Oct. 9, 1923.
Dorr, Arthur E., & Co., Boston, Mass. Butter, olives, and oleomargarine. 172,632; Sept. 11; Serial No. 80,177; published June 5, 1923.
Dorr Company, The, New York, N. Y. Pumps and agitators and thickeners, screens, and classifiers for separating solids from liquids. 168,153; May 15; Serial No. 173,128; published Feb. 27, 1923.
Dorsey, Arthur, Brooklyn, N. Y. Clocks. 169,560; June 19.
Dorsey, William R., New York, N. Y. Cigarettes. 167,984; May 8.
Doscat Tire & Rubber Corporation, Rochester, N. Y. Rubber tires. 171,420; Aug. 7; Serial No. 172,260; published Apr. 3, 1923.
Doscher, Charles A., doing business as The Eagle Products Company, Rochester, N. Y. Coffee. 174,924; Oct. 23.
Dottie-May Co., Independence, Mo. Garments. 163,054; Jan. 2.
Doubrava & Morris, doing business as Sun Sipt Apiaries, Los Angeles, Calif. Jellies. 177,639; Dec. 25; Serial No. 172,588; published Sept. 25, 1923.
Doucleff, Dine K., Peoria, Ill. Canned prepared caviar. 171,331; Aug. 7; Serial No. 172,266; published May 8, 1923.
Dougherty, Alice J., Flushing, N. Y. Females' house dresses, aprons, street dresses. 168,109; May 15; Serial No. 135,638; published July 26, 1921.
Dougherty, W. F & Sons, Incorporated, Philadelphia, Pa. Coal and gas combination ranges and broilers and warming closets. 174,568; Oct. 23; Serial No. 177,774; published July 17, 1923.
Douglas, Harry A., doing business as H. A. D. Sales & Engineering Co., Not Incorporated, Bronson, Mich. Electric connectors, connecting plugs, wiring outfits, etc. 174,458; Oct. 16; Serial No. 142,829; published June 26, 1923.
Douglas, Richard, doing business as The R. E. D. Mfg. Co., Brooklyn, N. Y. Polishing oils for painted, varnished, and lacquered surfaces. 169,947; July 10; Serial No. 174,429; published Apr. 10, 1923.
Douglas, W. L., Shoe Company, Brockton, Mass. Boots and shoes made wholly or in part of leather. 176,015; Nov. 13; Serial No. 176,331; published May 22, 1923.
Douglass Caramel Company, Wilmington, Del., and Philadelphia, Pa. Candies. 176,605; Nov. 27; Serial No. 179,591; published Sept. 18, 1923.
Douthit, A. S., doing business as Loup Valley Hatchery, Cushing, Nebr. Baby chicks, live poultry, and eggs. 176,355; Nov. 20.
Dover Manufacturing Company, Dover, Ohio. Electrical heating elements for electric sad, branding, and soldering irons. 163,429; Jan. 9.
Dover Manufacturing Company, The, Dover, Ohio. Electric sadirons. 173,008; Sept 11; Serial No. 178,236; published June 5, 1923.
Doverspike, Anna J., Raymond, Wash. Croup and cough sirups. 163,055; Jan. 2.
Dow, Jones & Company, New York, N. Y. Daily newspaper. 168,177; May 15; Serial No. 169,627; published Jan. 2, 1923.
Dowd, Alva M., Los Angeles, Calif. Ladies' hats. 165,620; Mar. 13; Serial No. 167,350; published Dec. 12, 1922.
Dowd, J. C., & Co., Inc., New York, N. Y. Buttons for wearing apparel. 164,035; Feb. 6.
Dowd, J. C., & Co., Inc., New York, N. Y. Buttons for wearing apparel. 164,039; Feb. 6.
Dowling Bros., Salina, Kans. Spark plugs. 164,605; Feb. 20.
Downs, Anna L., Seattle, Wash. Goiter medicine. 165,532; Mar. 13; Serial No. 158,226; published Nov. 7, 1922.
Doyle, Henry J., East Orange, N. J. Sun shields for automobiles. 167,608; May 1; Serial No. 157,557; published Oct. 24, 1922.
Doyle & Scriggins, New York, N. Y. Hosiery. 163,562; Jan. 23.
Drabek, Charles, doing business as Painters Supply Co., Cleveland, Ohio. Paints, varnishes, paint enamels. 174,377; Oct. 16; Serial No. 165,858; published July 17, 1923.
Drabek, Charles, doing business as Painters Supply Co., Cleveland, Ohio. Ready-mixed paints, varnishes, paint enamels, etc. 175,956; Nov. 13; Serial No. 165,859; published Sept. 4, 1923.
Drabek, Charles, doing business as Painters Supply Co., Cleveland, Ohio. Ready-mixed paints and paint enamels. 176,060; Nov. 13; Serial No. 182,502; published Sept. 4, 1923.
Dragon Products Co., Columbus, Ohio. Tooth paste. 165,432; Mar. 13; Serial No. 165,852; published Nov. 28, 1922.
Drake, John J., & Son, Amsterdam, N. Y. Ointment for treatment of sprains, sore muscles, insect bites, etc. 167,833; May 8; Serial No. 169,671; published Feb. 13, 1923.
Draper, Geo. H., jr., Milford, Del. Canned vegetables. 163,310; Jan. 9.
Draper-Maynard Company, The, Plymouth, N. H. Baseballs, mitts, basket balls, boxing gloves, etc. 165,760; Mar. 20; Serial No. 170,631; published Jan. 2, 1923.
Draper-Maynard Company, The, Plymouth, N. H. Athletic shirts, jerseys, and sweaters. 175,070; Oct. 30; Serial No. 170,632; published Aug. 7, 1923.
Dresswell Shirts, Inc., New York, N. Y. Dress and negligee shirts. 164,776; Feb. 27.
Drew, E. F., & Co., Inc., New York, N. Y. Nut margarine. 167,215; Apr. 24; Serial No. 163,619; published Dec. 19, 1922.
D'Rewal & Co., Philadelphia, Pa. Antiseptic ointment for sores, burns, etc. 165,885; Mar. 20.

Dreifus, Eckstein & King, Inc., New York, N. Y. Hosiery. 168,382; May 22; Serial No. 169,475; published Feb. 20, 1923.

Dreifus, Eckstein & King, Inc., New York, N. Y. Men's, women's, and children's knit and flat hosiery. 171,782; Aug. 14; Serial No. 172,935; published May 22, 1923.

Driffill, Emma G., doing business as Driffill & Norman, Oxnard, Calif. Orange marmalade. 168,651; May 29; Serial No. 165,784; published Feb. 13, 1923.

Dritz-Traum Co., New York, N. Y. Fancy bags. 164,375; Feb. 20.

Drug Products Co. Inc., The, Long Island City, N. Y. Suppositories. 170,368; July 17; Serial No. 173,999; published April 10, 1923.

Drug Products Co. Inc., The, Long Island City, N. Y. Food tonic and general stimulant to cell metabolism. 176,199; Nov. 20; Serial No. 166,134; published July 10, 1923.

Druggist Emergency Service Co. (See Scheuer, Sidney F.)

Druggists' Supply Corporation, New York, N. Y. Handkerchiefs. 175,172; Oct. 30; Serial No. 181,388; published Aug. 7, 1923.

Druid Oak Belting Company, Inc., The, Baltimore, Md. Draper check straps for use in textile machinery. 163,884; Feb. 6.

Dry Fork Milling Co., Dry Fork, Va. Self-rising wheat flour. 165,401; Mar. 6; Serial No. 156,266; published Oct. 17, 1922.

Dryden Corporation, Oakland Calif. Ice cream. 173,522; Sept. 25.

Dryden Corporation, The, Oakland, Calif. Ice cream in brick form. 169,378; June 12; Serial No. 170,680; published Mar. 27, 1923.

Dryfuss, Barney J., doing business as Imperial Pharmaceutical Company, New York, N. Y. Intestinal lubricant and exerciser. 163,056; Jan. 2.

Dryol Corporation, The, Atlanta, Ga. Powdered greasing compound to be applied to bread pans, etc. 177,768; Dec. 25; Serial No. 184,395; published Oct. 9, 1923.

Dryol Polish Mfg. Co. (See Ruggles, Harry M.)

Du-All Manufacturing Company, The, Cleveland, Ohio. Portable vulcanizers. 165,377; Mar. 6; Serial No. 160,238; published Nov. 14, 1922.

Du-All Manufacturing Company, The Cleveland, Ohio. Polishes and dressings for furniture, automobiles and other painted and varnished surfaces, automobile tops, leather, and for reoiling mops. 165,769; Mar. 20; Serial No. 160,236; published Dec. 26, 1922.

Duarte-Monrovia Fruit Exchange, Duarte, Calif. Fresh citrous fruits. 173,781; Oct. 2; Serial No. 175,853; published June 26, 1923.

Dubblebord Company, The. (See Bailhache, Isophene G.)

Dubilier Condenser and Radio Corporation, New York, N Y. Crystal detectors and rectifiers. 173,009; Sept. 11; Serial No. 178,333; published June 5, 1923.

Du Bois Machine Company, Albany, N. Y. Piston rings. 166,739; Apr. 10.

Du Bois Soap Company, The, Cincinnati, Ohio. Scouring and mopping powder, potash oil soap, soap powder, jelly soap, toilet soap, etc. 165,416; Mar. 6; Serial No. 151,711; published Dec. 19, 1922.

Dubow, J. A., Glove Co., Inc., Chicago, Ill. Baseball, boxing, and handball gloves, punching-bag mitts, basket balls, etc. 163,563; Jan. 23.

Duckback Waterproofing Co. (See McPhillips, Frank.)

Duckworth Chain & Manufacturing Company, Springfield, Mass. Driving chains used on bicycles, motor cycles, and machinery. 165,749; Mar. 20; Serial No. 171,012; published Dec. 19, 1922.

Ducommun, F. W., & Frere, Tamatave, Madagascar. Graphite used for the manufacture of crucibles. 165,948; Mar. 27; Serial No. 106,440. published Nov. 28, 1922.

Dudley & Co., Fairport, N. Y. Baking powder, bicarbonate of soda, gloss starch. 175,635; Nov. 6; Serial No. 179,859; published Aug. 28, 1923.

Dudley Gum Company, Nashville, Tenn. Chewing gum. 167,002; Apr. 17.

Dudley Gum Company, Nashville, Tenn. Chewing gum. 176,196; Nov. 20; Serial No. 161,040; published Sept. 11, 1923.

Dudley, Hettie J., Richmond, Va. Fancy bags of cloth. 175,878; Nov. 13; Serial No. 180,056; published Sept. 4, 1923.

Dudley Lumber Company Inc., Memphis, Tenn. Logs and rough lumber. 175,037; Oct. 30; Serial No. 178,598; published July 24, 1923.

Dudley Paper Co., The, Lansing, Mich. Kraft paper for wrapping purposes. 168,856; May 29; Serial No. 173,594; published Mar. 6, 1923.

Duds Co. (See Winter, Charles A.)

Duesenberg Automobile & Motors Co., Inc., Indianapolis, Ind. Pleasure motor cars and racing cars. 174,917; Oct. 23.

Duffield Arthur W., doing business as The Glassall Co., Boston, Mass. Polishes for painted, varnished, waxed, and similar surfaces. 165,936; Mar. 20.

Duffy, F. S., doing business as The F. S. Duffy Medicine Co., New Bern, N. C. Antibilious pills, diarrhea cordial liniment, etc. 172,196; Aug. 21.

Duffy, F. S., doing business as The F. S. Duffy Medicine Co., New Bern, N. C. Antimalarial tablet. 172,708; Sept. 11; Serial No. 175,547; published May 15, 1923.

Duffy, John H., jr., Pasadena, Calif. Motion-picture films. 164,938; Feb. 27.

Duffy-Mott Company, Inc., New York, N. Y. Vinegars. 165,861; Mar. 20; Serial No. 165,064; published Dec. 26, 1922.

Duffy-Mott Company, Inc., New York, N. Y. Vinegars. 165,868; Mar. 20; Serial No. 165,074; published Dec. 26, 1922.

Duffy-Mott Company, Inc., New York, N. Y. Vinegars and evaporated apples. 165,869; Mar. 20; Serial No. 165,067; published Dec. 26, 1922.

Duffy-Mott Company, Inc., New York, N. Y. Vinegars. 165,870; Mar. 20; Serial No. 165,072; published Dec. 26, 1922.

Duffy-Mott Company, Inc., New York, N. Y. Vinegars. 177,025; Dec. 11; Serial No. 165,068; published Sept. 25, 1923.

Dugan & Hudson Co., Rochester, N. Y. Leather shoes. 165,362; Mar. 6; Serial No. 166,816; published Dec. 5, 1922.

Dugan & Hudson Co., Rochester, N. Y. Leather boots and shoes. 172,030; Aug. 21; Serial No. 166,655; published May 22, 1923.

Dugan & Hudson Co., Rochester, N. Y. Leather shoes. 174,011; Oct. 2; Serial No. 175,599; published July 10, 1923.

Dunbar Tire & Rubber Co., Dunbar, W. Va. Pneumatic-tire casings and tubes. 165,223; Mar. 6; Serial No. 165,672; published Nov. 28, 1922.

Duncan Chemical Company, Albany, Ala. Medicines and insecticides. 170,151; July 10; Serial No. 168,518; published Apr. 3, 1923.

Duncan, Fox & Co., Inc., New York, N. Y. Baled raw cotton. 172,512; Aug. 28.

Dunhill, Alfred, of London, Inc., New York, N. Y. Pipes, cigar and cigarette holders, and tobacco pouches. 174,098; Oct. 2; Serial No. 179,263; published July 10, 1923.

Dunlap & Co., New York, N. Y. Hats. 176,834; Dec. 4; Serial No. 180,657; published Sept. 11, 1923.

Dunlap, J. S., Chicago, Ill. Can openers and cap lifters. 173,525; Sept. 25.

Dunlevy-Franklin Company. (See Dunlevy Packing Company, assignor.)

Dunlevy Packing Company, assignor to Dunlevy-Franklin Company, Pittsburgh, Pa. Butter, margarines, eggs, lard, etc. 176,646; Nov. 27; Serial No. 155,668; published July 24, 1923.

Dunlevy Packing Company, Pittsburgh, Pa., assignor to Dunlevy-Franklin Company. Butter, oleomargarine, eggs, lard, etc. 177,138; Dec. 11; Serial No. 150,310; published Aug. 7, 1923.

Dunlevy Packing Company, assignor to Dunlevy-Franklin Company, Pittsburgh, Pa. Butter, oleomargarine, eggs, meats, etc. 177,143; Dec. 11; Serial No. 150,311; published Sept. 11, 1923.

Dunlop Milling Co., Clarksville, Tenn. Wheat flour. 165,128; Mar. 6; Serial No. 160,593; published Nov. 14, 1922.

Dunlop Milling Co., Clarksville, Tenn. Self-rising flour. 165,129; Mar. 6; Serial No. 160,594; published Nov. 14, 1922.

Dunlop Milling Co., Clarksville, Tenn. Wheat flour. 165,130; Mar. 6; Serial No. 160,595; published Nov. 14. 1922

Dunlop Milling Co., Clarksville, Tenn. Wheat flour. 167,062; Apr. 24; Serial No. 160,051; published Dec. 26, 1922.

Dunlop Milling Co., Clarksville, Tenn. Wheat flour. 172,936; Sept. 11; Serial No. 162,808; published June 5, 1923.

Dunlop Rubber Company, Limited, The, London, England. Golf balls. 164,526; Feb. 20.

Dunn, Eli H., doing business as Eli Laboratory and E. H. Dunn & Co., Kansas City, Mo. Medical products. 174,820; Oct. 23; Serial No. 172,086; published Aug. 7, 1923.

Dunn, John, & Co., New York, N. Y. Shovels and spades. 171,652; Aug. 7.

Dunn-Pen Company, Incorporated, New York, N. Y. Fountain pens. 163,934–5; Feb. 6.

Dunn, W. E., Manufacturing Company, Holland, Mich. Cement tile and blocks. 165,086; Mar. 6; Serial No. 156,571; published Oct. 31, 1922.

Dunton, M. W., Co., The. (See Chapman, Frank.)

Dunwoody, Halsey, Paris, France. Penholders and black and colored pencils. 169,216; June 12; Serial No. 150,154; published Mar. 20, 1923.

Dunwoody, Halsey, Paris, France. Pharmaceutical preparations for rheumatism, bronchitis, etc. 176,229; Nov. 20; Serial No. 174,959; published Aug. 14, 1923.

Duophone Syndicate Limited, The, London, England. Talking machines. 177,662; Dec. 25; Serial No. 181,015; published Oct. 9, 1923.

Duparquet, Huot & Moneuse Co., New York, N. Y. Heavy-duty cooking equipment for hotels, clubs, private homes, etc. 163,495; Jan. 16.

Duplan Silk Corporation, New York, N. Y. Broad silk piece goods. 163,308; Jan. 9.

Duplan Silk Corporation, New York, N. Y. Silk piece goods. 163,311; Jan. 9.

Duplan Silk Corporation, New York, N. Y. Silk piece goods. 170,315; July 10; Serial No. 175,473; published Apr. 3, 1923.
Duplan Silk Corporation, New York, N. Y. Silk piece goods. 173,281; Sept. 18; Serial No. 178,974; published June 12, 1923.
Duplan Silk Corporation, New York, N. Y. Silk piece goods. 173,282–3; Sept. 18; Serial Nos. 178,970–1; published June 12, 1923.
Duplan Silk Corporation, New York, N. Y. Silk piece goods. 173,284; Sept. 18; Serial No. 178,973; published June 12, 1923.
Duplan Silk Corporation, New York, N. Y. Silk piece goods. 173,285; Sept. 18; Serial No. 178,975; published June 12, 1923.
Duplan Silk Corporation, New York, N. Y. Silk piece goods. 173,286–8; Sept. 18; Serial Nos. 178,977–9; published June 12, 1923.
Duplan Silk Corporation, New York, N. Y. Silk piece goods. 173,540; Sept. 25.
Duplan Silk Corporation, New York, N. Y. Silk piece goods. 174,079–82; Oct. 2; Serial Nos. 181,257–60; published July 17, 1923.
Duplan Silk Corporation, New York, N. Y. Silk piece goods. 174,188–9; Oct. 9; Serial Nos. 181,255–6; published July 17, 1923.
Duplan Silk Corporation, New York, N. Y. Silk piece goods. 175,563; Nov. 6; Serial No. 178,976; published July 12, 1923.
Duplan Silk Corporation, New York, N. Y. Silk piece goods. 177,477; Dec. 18; Serial No. 183,262; published Sept. 25, 1923.
Duplex Printing Press Company, Battle Creek, Mich. Perfecting printing presses. 23,192; renewed June 6, 1923.
Duplicate Whist Company, The, assignor to The United States Playing Card Company, Cincinnati, Ohio. Replay card game apparatus. 168,296; May 15.
Du Pont Engineering Company, Wilmington, Del. Metallic alloys. 176,593; Nov. 27; Serial No. 178,981; published Sept. 18, 1923.
Du Pont, E. I., de Nemours & Company. (See Harrison Bros. & Co., assignor.)
Du Pont, E. I., de Nemours & Company, Wilmington, Del. Intermediate for dyeing processes. 163,057; Jan. 2.
Du Pont, E. I., de Nemours & Company, Wilmington, Del. Ready-mixed paint, paste paint, paint enamel, and varnish. 165,976; Mar. 27; Serial No. 160,878; published Nov. 14, 1922.
Du Pont, E. I., de Nemours & Company, Wilmington, Del. Collars for personal wear. 166,787; Apr. 17; Serial No. 160,053; published Jan. 9, 1923.
Du Pont, E. I., de Nemours & Company, Wilmington, Del. Dyestuffs. 167,613; May 1; Serial No. 149,954; published Jan. 2, 1923.
Du Pont, E. I., de Nemours & Company, Wilmington, Del. Toilet articles, comprising manicure implements. 168,824; May 29; Serial No. 170,236; published Feb. 13, 1923.
Du Pont, E. I., de Nemours & Company, Wilmington, Del. Boxes and containers comprising boxes and containers for cream, salve, jewels, talcum powder, etc. 168,825; May 29; Serial No. 170,237; published Mar. 13, 1923.
Du Pont, E. I., de Nemours & Company, Wilmington, Del. Brushes. 168,888; May 29; Serial No. 170,240; published Mar. 13, 1923.
Du Pont, E. I., de Nemours & Company, Wilmington, Del. Hair combs, shoehorns, buttonhooks, and pincushions. 168,889; May 29; Serial No. 170,238; published Mar. 13, 1923.
Du Pont, E. I., de Nemours & Company, Wilmington, Del. Pyroxylin, nitrocellulose, pyroxylin and artificial ivory. 169,039; June 5; Serial No. 170,241; published Mar. 13, 1923.
Du Pont, E. I., de Nemours & Company, Wilmington, Del. Clocks. 169,543; June 19; Serial No. 170,235; published March 27, 1923.
Du Pont, E. I., de Nemours & Company, Wilmington, Del. Fungicide, seed disinfectant, general disinfectant. 169,853; July 3; Serial No. 172,263; published Mar. 13, 1923.
Du Pont, E. I., de Nemours & Company, Wilmington, Del. Hand mirrors, picture frames. 172,386; Aug. 28; Serial No. 170,239; published May 8, 1923.
Du Pont, E. I., de Nemours & Company, Wilmington, Del. Lacquers and enamels. 173,241; Sept. 18; Serial No. 162,384; published June 19, 1923.
Du Pont, E. I., de Nemours & Company, Wilmington, Del. Dyestuffs, dyestuff intermediates, and chemicals. 177,092; Dec. 11; Serial No. 172,869; published Sept. 11, 1923.
Du Pont Fibersilk Company, Wilmington, Del. Artificial silk. 165,279; Mar. 6; Serial No. 153,876; published Oct. 31, 1922.
Dupont, Justin, Inc. (See Société Anonyme Des Etablissements Justin Dupont, assignor.)
Duprey, Alfred I., Eureka, Calif. Leather. 163,430; Jan. 9.
Dupuis Chemical Co., Los Angeles, Calif. Machine-poisoned raisins used as a rodent poison. 163,058; Jan. 2.
Dupuis-Rickman Engraving & Embossing Co., Chicago, Ill. Greeting cards. 173,613; Oct. 2; Serial No. 157,560; published June 12, 1923.
Dura Company, The, Toledo, Ohio. Window regulators. 171,735; Aug. 14; Serial No. 169,803; published May 8, 1923.
Dura Film Protector Co., Inc., New York, N. Y. Motion-picture films, photographic transparencies, raw films, and photographic supplies, etc. 167,253; Apr. 24; Serial No. 170,477; published Feb. 6, 1923.
Durabell Mills Co., The. (See Kronovet, Joseph A.)
Durable Garter Co. (See Clausen, Holger V.)
Durable Products Company, The, Cleveland, Ohio. Semi-liquid asbestos roof coating. 175,195; Oct. 30; Serial No. 175,190; published Aug. 7, 1923.
Durand Co., Boston, Mass. Candy. 165,632; Mar. 13.
Durand & Winfield, Glendale, Calif. Carburetors. 167,294; Apr. 24.
Durard Desk Mfg. Co., Los Angeles, Calif. Desks. 173,603; Oct. 2; Serial No. 166,736; published June 12, 1923.
Dur-A-Tone Record Co. (See Davis, George H.)
Durbrow & Hearne, New York, N. Y. Straw-sewing machines. 169,324; June 12; Serial No. 174,823; published Mar. 20, 1923.
Durbrow & Hearne, New York, N. Y. Straw-sewing machines. 169,325; June 12; Serial No. 174,821; published Mar. 20, 1923.
Durbrow & Hearne, New York, N. Y. Cutting machines for use in the manufacture of hats. 173,275; Sept. 18; Serial No. 174,822; published June 19, 1923.
Durez Company, Inc. (See Industrial Molded Materials Company, assignor.)
Durkee-Atwood Co., Minneapolis, Minn. Power-transmitting belts of fabric, rubberized fabric, or leather composition. 163,059; Jan. 2.
Durkee-Atwood Co., Minneapolis, Minn. Pedal covers. 171,601; Aug. 7; Serial No. 174,612; published May 1, 1923.
Duro Pump & Manufacturing Company, The, Dayton, Ohio. Pneumatic pressure systems, pumps, and fluid-pressure motors, explosive engines, and parts thereof. 166,416; Apr. 3; Serial No. 171,630; published Jan. 2, 1923.
Durwyllan Co., Inc., Peterson, Del., and Paterson, N. J. Brake and transmission lining for automobile use. 171,673; Aug. 7.
Durwyllan Co., Inc., Paterson, N. J. Transmission lining for Ford cars. 174,535; Oct. 16.
Duryea Manufacturing Company, Bayonne, N. J. Belt dressing. 173,800; Oct. 2; Serial No. 173,742; published June 12, 1923.
Dutchess Tool Company, Beacon, N. Y. Lubricating oil for dough-handling machinery. 163,309; Jan. 9.
Dutra, John F., doing business as Galtra Manufacturing Co., Fall River, Mass. Furniture polish. 169,577; June 26; Serial No. 164,792; published Mar. 27, 1923.
Dux, Dr. H., Co., Inc., Jacksonville, Fla. Preserved natural foliage. 165,228; Mar. 6; Serial No. 163,978; published Dec. 5, 1922.
Dwinell-Wright Company, Boston, Mass. Coffee. 170,707; July 24; Serial No. 154,793; published May 1, 1923.
Dye Products and Chemical Co. Inc., New York, N. Y., and Newark, N. J. Aniline dyes and coal-tar intermediates. 164,433; Feb. 20.
Dyer, B. H., Company, Philadelphia, Pa. Hot bottles for medical purposes. 169,772; July 3; Serial No. 169,053; published Apr. 3, 1923.
Dyer Company, The, Cambridge, Mass. Radio apparatus. 166,556; Apr. 10; Serial No. 170,478; published Jan. 9, 1923.
Dyer, W. J., & Bro., St. Paul and Minneapolis, Minn. Guitars, mandolins, banjos, and zithers. 23,193; renewed June 13, 1923.
Dyestuffs & Chemicals, Incorporated, St. Louis, Mo. Coal-tar dyes, colors, and intermediates. 173,050; Sept. 11; Serial No. 176,789; published June 12, 1923.
Dyestuffs & Chemicals, Incorporated, St. Louis, Mo. Coloring matter for butter. 174,359; Oct. 16; Serial No. 176,790; published July 17, 1923.
Dy-Vo Beverage Company. (See Chmiell, John, Co.)
Dyx Hosiery Co., Cincinnati, Ohio. Hosiery. 168,639; May 29; Serial No. 165,021; published Feb. 13, 1923.
E. A. Clark & Company, Portland, Me. Wheat flour. 167,281; Apr. 24; Serial No. 135,038; published Dec. 26, 1922.
E. B. Candy Co. (See Carametos, John J. M.)
E. K. Co., The. (See Kraemer, Edmund M.)
E Z Chemical Co., Philadelphia, Pa. Concentrated home dye. 164,395; Feb. 20.
Eagle Carburetor Company, The, Cleveland, Ohio. Carburetors and structural parts and fittings therefor. 174,060; Oct. 2; Serial No. 178,434; published July 3, 1923.
Eagle Carburetor Company, The, Cleveland, Ohio. Carburetors and parts thereof. 176,667; Nov. 27; Serial No. 181,823; published Sept. 11, 1923.
Eagle, J. H., & C. K., Inc., Shamokin, Pa., and New York, N. Y. Silk fabrics in the piece. 168,706; May 29; Serial No. 151,154; published Mar. 13, 1923.
Eagle Nest Hatchery. (See Little, Henry, & Sons.)

Alphabetical list of registrants of trade-marks—Continued.

Eagle Picher Lead Company, The, Cincinnati, Ohio. Pure white lead. 167,926; May 8; Serial No. 170,758; published Feb. 13, 1923.

Eagle Picher Lead Company, The, Cincinnati, Ohio. Pure white lead. 169,906; July 3; Serial No. 170,757; published Apr. 3, 1923.

Eagle Products Company, The. (See Doscher, Charles A.)

Eagle Radio Company, Newark, N. J. Complete radio sets, radiofrequency amplifiers, audiofrequency amplifiers, etc. 164,115; Feb. 13.

Eagle Skirt Company, New York, N. Y. Women's bloomers, pantalets, and petticoats. 173,836; Oct. 2; Serial No. 171,490; published June 26, 1923.

Eagle Tea & Coffee Company, Inc., The New York, N. Y. Coffee and tea. 171,164; July 31; Serial No. 176,672; published May 22, 1923.

Earl Fruit Company, Sacramento, Calif. Fresh cantaloupes. 168,637; May 29; Serial No. 168,403; published Mar. 6, 1923.

Earl Fruit Company, Sacramento, Calif. Fresh deciduous fruits. 175,076; Oct. 30; Serial No. 170,010; published Aug. 7, 1923.

Earl Fruit Company of The Northwest, Spokane, Wash. Fresh apples. 172,072; Aug. 21; Serial No. 177,282; published May 29, 1923.

Earl, Grace D., Chicago, Ill. Face powder, perfume, rouge, etc. 176,110; Nov. 20; Serial No. 162,729; published Aug. 28, 1923.

Earle-McGavock Milling Company, Asheville, N. C. Wheat flour. 166,121; Mar. 27; Serial No. 152,792; published Nov. 7, 1922.

Earle, William P. S., New York, N. Y. Dry-polishing cloth for teeth. 166,167; Mar. 27; Serial No. 165,860; published Nov. 28, 1922.

Earnshaw Knitting Company, Newton, Mass. Infants' and children's knit underwear. 163,564; Jan. 23.

Earometer Company, Chicago, Ill. Electrical hearing devices. 164,456; Feb. 20.

East Coast Trading Co., Baltimore, Md. Shell and grit. 173,196; Sept. 18; Serial No. 173,075; published June 19, 1923.

East Slope Fruit Association, Mecca, Calif. Fresh grapes and vegetables. 173,559; Sept. 25.

East Tennessee Packing Company, Knoxville, Tenn. Bacon, ham, boiled ham, sugar-cured meats. 166,341; Apr. 3; Serial No. 161,622; published Jan. 9, 1923.

Eastbay Chemical Company, Emeryville, Calif. Insecticides, fungicides, and disinfectants. 163,060; Jan. 2.

Easter Fish Company, Norfolk, Va. Fresh fish and oysters. 173,116; Sept. 18; Serial No. 177,900; published June 12, 1923.

Eastern Auto Products Co., Providence, R. I. Chemical carbon remover for internal-combustion engines. 172,826; Sept. 11; Serial No. 167,076; published June 5, 1923.

Eastern Foundry Company, The, Boyertown, Pa. Cast-iron pipe and fittings and other plumbers' supplies. 176,579; Nov. 27; Serial No. 178,095; published June 12, 1923.

Eastern Hair Net Trading Co., New York, N. Y. Hair nets. 166,944; Apr. 17; Serial No. 172,267; published Jan. 30, 1923.

Eastern Hat & Cap Co. Inc., New York, N. Y. Women's and children's hats. 168,161; May 15; Serial No. 165,670; published Jan. 30, 1923.

Eastern Specialty Company, The, Philadelphia, Pa. Electrical instruments for central-station uses. 177,725; Dec. 25; Serial No. 176,792; published Oct. 9, 1923.

Eastern States Farmers' Exchange, Springfield, Mass. Mixed feed for cattle. 177,379; Dec. 18; Serial No. 182,142; published Oct. 2, 1923.

Eastern Tube & Tool Co. Inc., Brooklyn, N. Y. Locking steering wheels and wheel locks. 165,666; Mar. 20; Serial No. 166,737; published Dec. 19, 1922.

Easting Windscreens Limited, Birmingham, England. Wind screens for use with vehicles. 170,493; July 17; Serial No. 171,987; published Apr. 24, 1923.

Eastman Kodak Company, Rochester, N. Y. Photographic plates. 165,596; Mar. 13; Serial No. 134,244; published Dec. 19, 1922.

Eastman Kodak Company, Rochester, N. Y. Sensitized film. 167,271; Apr. 24; Serial No. 152,122; published Aug. 1, 1922.

Eastman Kodak Company, Rochester, N. Y. Photographic shutters. 174,199; Oct. 9; Serial No. 180,846; published July 10, 1923.

Eastman-Thomas Co., The, Cedar Rapids, Iowa. Lubricating oil. 166,160. Mar. 27; Serial No. 153,593; published Dec. 19, 1922.

Eastmond, John E., doing business as Work Savers Company, Brooklyn, N. Y. Treated cloth for dusting and polishing. 169,681; June 26; Serial No. 173,181; published Mar. 27, 1923.

Easton, Gilbert J., Newark, N. J. Vegetable relishes. 171,182; July 31; Serial No. 172,149; published May 8, 1923.

Eat Wenatchee Apples, Inc., Wenatchee, Wash. Fresh apples. 173,556; Sept. 25.

Eaton Axle & Spring Company, The, Cleveland, Ohio. Automobile bumpers and bumper fittings. 176,775; Nov. 27.

Eaton, Crane & Pike Company, Pittsfield, Mass. Writing paper, writing tablets, papeteries, and pound goods with envelopes to match. 166,277; Mar. 27; Serial No. 170,568; published Dec. 5, 1922.

Eaton Flour Mills. (See Colorado Milling & Elevator Company.)

Eaton, Inez N., Gorham, Mass. Preparation for removing grease spots from clothing, carpets, and coarse goods, washing the head, cleaning silverware, and killing bedbugs. 169,528; June 19; Serial No. 165,359; published Dec. 26, 1922.

Eaton Rapids Woolen Mills, Eaton Rapids, Mich. Woolen cloth in the piece, textile automobile robes and blankets. 163,456; Jan. 9.

Eaton Rapids Woolen Mills, Eaton Rapids, Mich. Mackinaws and sport coats. 164,574; Feb. 20.

Eaton Rapids Woolen Mills, Eaton Rapids, Mich. Thread and yarn. 164,788; Feb. 27.

Eaton Rapids Woolen Mills, Eaton Rapids, Mich. Coats for men, women, and children. 168,527; May 22.

Eaton, Robert L., Atlanta, Ga. Tonic and liver preparation. 165,860; Mar. 20; Serial No. 130,093; published Oct. 4, 1922.

Ebeco Chemical Company. (See Ebert, Joseph.)

Eberhard Faber Pencil Company, Brooklyn, N. Y. Lead pencils. 173,745; Oct. 2; Serial No. 177,835; published June 19, 1923.

Eberhardt, Robert, doing business as Pull-Grip Electric Company, New York, N. Y. Incandescent-lamp sockets, fuse sockets, and switches. 176,063; Nov. 13; Serial No. 180,923; published Sept. 4, 1923.

Eberle, Francis X., Los Angeles, Calif. Containers made of wood or metal for merchandise. 170,201; July 10; Serial No. 172,936; published Apr. 3, 1923.

Eberson-Lindsley Paint Company, St. Louis, Mo. Ready-mixed paint. 169,556; June 19.

Ebert, Joseph, doing business as Ebeco Chemical Company, New York, N. Y. Internal antiseptic and general stomach tonic for the treatment of indigestion, dyspepsia, etc. 164,096; Feb. 13.

Ebling Company, The, New York, N. Y. Malt extract. 173,083; Sept. 11.

Ebling Company, The, New York, N. Y. Concentrated commercial diastase. 175,577; Nov. 6; Serial No. 181,065; published Aug. 21, 1923.

Eckart, Charles F., Honolulu, Hawaii. Forcing mulch for use in agriculture and horticulture. 163,687; Jan. 23.

Eckart, Charles F., Honolulu, Hawaii. Forcing mulch for use in agriculture and horticulture. 163,736; Jan. 23.

Eckelkamp, John, doing business as Parkview Electric Company, St. Louis, Mo. Electric time switches, light flashes, transformers, motors, etc. 174,567; Oct. 23; Serial No. 177,689; published July 10, 1923.

Eckly, Edward, Los Angeles, Calif. Meat pie consisting of a small sausage inclosed in dough and fried in grease. 164,963; Feb. 27.

Ec-Ko Beverage Corporation, Newark, N. J. Beverage sold as a soft drink. 165,447; Mar. 13; Serial No. 171,307; published Jan. 2, 1923.

Eclipse Machine Company, Elmira Heights, N. Y. Drives and parts of drives for starters for engines. 169,006; May 29.

Eclipse Shoe Manufacturing Company, Mexico, Mexico. Rubber heels. 168,266; May 15; Serial No. 169,706; published Feb. 27, 1923.

Eclipse Specialty Manufacturing Company, Chicago, Ill. Timers for internal-combustion engines. 166,576; Apr. 10; Serial No. 171,266; published Jan. 9, 1923.

Ecometer Manufacturing Company, Inc., Orange, N. J. Ignition-timing devices for internal-combustion engines. 171,037; July 31; Serial No. 151,151; published Apr. 24, 1923.

Econ Oil & Gas Company, The, Lima, Ohio. Gasoline, kerosene, motor oils, greases, and lubricating oils. 167,775; May 8; Serial No. 172,641; published Feb. 13, 1923.

Economos, Michael, Oak Park, Ill. Candy bars. 166,902; Apr. 17; Serial No. 164,310; published Feb. 6, 1923.

Economy Bias Binding Co., New York, N. Y. Bias bindings and tapes. 164,033; Feb. 6.

Economy Box & Pie Plate Co., Marion, Ind. Paper pie plates. 163,737; Jan. 23.

Economy Engineering Company, Chicago, Ill. Machines for transporting, raising, or lowering boxes, barrels, etc. 166,133; Mar. 27; Serial No. 142,968; published Dec. 19, 1922.

Economy Engineering Company, Chicago, Ill. Racks for supporting barrels and the like. 167,534; May 1; Serial No. 172,038; published Jan. 30, 1923.

Economy System Co. Inc., New York, N. Y. Clothes racks and hangers. 171,562; Aug. 7; Serial No. 174,513; published May 22, 1923.

Economy Wiping Materials Co., Inc., New York, N. Y. Pieces of fabric used for polishing, cleaning, or dusting. 177,436; Dec. 18; Serial No. 182,468; published Oct. 2, 1923.

Edco Manufacturing Co. (See Conroy, Harry E.)

Eddine Manufacturing Co., The, Cleveland, Ohio. Medicinal agents for the external treatment of bodily pains. 172,954; Sept. 11; Serial No. 175,548; published June 5, 1923.

Eddy, D., and Sons Company, Boston, Mass. Refrigerating apparatus. 174,241; Oct. 9; Serial No. 179,994; published July 3, 1923.

Eddy, L. R., Company, Elizabeth, N. J. Sifting tops for receptacles for holding flour, salt, pepper, etc. 164,516; Feb. 20.

Edelman, Philip E., New York, N. Y. Wireless receiving sets and parts. 164,736; Feb. 27.

Edel's, S. T., Sons, Baltimore, Md. Butter. 176,866; Dec. 4; Serial No. 161,415; published Sept. 11, 1923.

Edelstein Company, New York, N. Y. Watches and watchcases. 172,797; Sept. 11; Serial 174,895; published June 5, 1923.

Edgar Chemical Company, The, Cleveland, Ohio. Liniments. 172,375; Aug. 28; Serial No. 157,417; published May 1, 1923.

Edgerton Manufacturing Co., The, Plymouth, Ind. Shipping baskets. 166,223; Mar. 27; Serial No. 168,923; published Dec. 5, 1922.

Edgerton Manufacturing Co., The, Plymouth, Ind. Baskets. 176,428; Nov. 27; Serial No. 183,698; published Sept. 11, 1923.

Edgworth Tool Works. (See F. & N. Lawn Mower Company.)

Edison Orange Growers Association, Edison, Calif. Fresh citrus friuts. 163,834; Jan. 30.

Edison Rubber Company. (See Cable, John E.)

Edison, Thomas A., Incorporated, West Orange, N. J. Devices for controlling the starting and stopping of phonographic apparatus. 172,259; Aug. 28; Serial No. 139,518; published May 15, 1923.

Edisto Veneer Co., The. (See Hamilton-Hill Veneer Co., assignor.)

Edith Frances. (See Gallagher, James T.)

Edmiston, John R., Miami, Fla. Candy and sirup for making same. 172,016; Aug. 21; Serial No. 161,978; published Oct. 31, 1922.

Edmonds Shoe Company, Milwaukee, Wis. Leather shoes. 170,540; July 17; Serial No. 174,514; published Apr. 17, 1923.

Edmunds, Sundberg & Winstone, Los Angeles, Calif. Piston rings. 171,943; Aug. 14.

Edral Company, Cincinnati, Ohio. Chemicals consisting of a tooth paste, mouth wash, etc. 174,478; Oct. 16; Serial No. 178,238; published July 17, 1923.

Edson Bros., Philadelphia, Pa. Tomato sauce. 168,880; May 29; Serial No. 169,239; published Mar. 6, 1923.

Edtbauer, E., & Co., Chicago, Ill. Weighing machines. 167,150; Apr. 24; Serial No. 144,669; published Jan. 30, 1923.

Edward Lyman Bill, Inc., New York, N. Y. Monthly magazine. 169,079; June 5; Serial No. 172,662; published Feb. 27, 1923.

Edwards & Company, Inc., New York, N. Y. Radio receiving sets. 168,643; May 29; Serial No. 165,533; published Feb. 20, 1923.

Edwards, Frank M., Milwaukee, Wis. Trees, plants, shrubs, and bushes. 174,414; Oct. 16; Serial No. 178,831; published July 17, 1923.

Edwards, Nora C., doing business as Edwards Skirt Supporter Co., Buffalo, N. Y. Iron-rust, ink, and stain soap. 176,381; Nov. 27; Serial No. 177,658; published Aug. 7, 1923.

Efficiency Units, Incorporated, New York, N. Y. Devices supplying water vapor and moist air to internal-combustion engines. 165,024; Feb. 27.

Eglington, Ferdinand, Walsall, England. Bits, stirrups, spurs, etc. 176,415; Nov. 27; Serial No. 180,368; published Oct. 16, 1923.

Egoval Chemical Co. (See Voge, A. Law.)

Egyptian Seed Growers Exchange, Flora, Ill. Grass and field seed. No. 170,388; July 17; Serial No. 170,759; published Apr. 10, 1923.

Ehlenberger, George, & Co. Inc., New York, N. Y. Butter, cheese, and eggs. 177,818; Dec. 25.

Ehmann, Julius, doing business as Oliveine Laboratories, Newark, N. J. Hair tonics. 168,131; May 15; Serial No. 170,810; published Feb. 13, 1923.

Ehmann Olive Company, Oroville, Calif. Canned baked beans with pork. 170,662; July 17; Serial No. 168,359; published Apr. 24, 1923.

Ehrlich, H., & Sons Mfg. Co., St. Joseph, Mo. Disinfectant in powdered form. 165,502; Mar. 13; Serial No. 166,051; published Jan. 2, 1923.

Ehrlich, H., & Sons Mfg. Co., St. Joseph, Mo. Interchangeable sections for use as merchandise containers in stores. 171,648; Aug. 7.

Eichhold, Harry C., doing business as Eichhold & Company, New York, N. Y. Handkerchiefs. 177,071; Dec. 11; Serial No. 183,446; published Sept. 18, 1923.

"81" Tire Stores, The, Birmingham, Ala. Tires and inner tubes. 169,743; June 26.

Eimer & Amend, New York, N. Y. Antiseptic and healing ointment. 168,835; May 29; Serial No. 170,569; published Feb. 13, 1923.

Eimer & Amend, New York, N. Y. Beaker tongs. 169,870; July 3; Serial No. 174,691; published Apr. 10, 1923.

Einstein, J., Inc., New York, N. Y. Cotton, duck, and canvas piece goods. 174,156; Oct. 9; Serial No. 180,793; published July 17, 1923.

Eisele & Co., Nashville, Tenn. Clinical thermometers, hypodermic and urethral syringes, eye droppers, etc. 169,826; July 3; Serial No. 173,959; published Apr. 3, 1923.

Eiseman, Samuel & Co., Inc., New York, N. Y. Silk piece goods and silk and cotton mixture piece goods. 172,597; Sept. 11; Serial No. 171,691; published June 5, 1923.

Eisenberg, M. L., doing business as Capital City Bottling Company, Montgomery, Ala. Beverage sold as soft drink. 171,047; July 31; Serial No. 175,349; published May 15, 1923.

Eisenberg, M. L., doing business as Capital City Bottling Company, Montgomery, Ala. Ginger ale. 171,048; July 31; Serial No. 175,350; published May 15, 1923.

Eisenberg, M. L., doing business as Capital City Bottling Company, Montgomery, Ala. Maltless soft drinks. 171,049; July 31; Serial No. 175,357; published May 15, 1923.

Eisendrath, Joseph N., Company, The, Chicago, Ill. Leather gloves, gauntlets, and mittens. 170,020; July 10; Serial No. 173,475; published Apr. 10, 1923.

Eisendrath, Joseph N., Company, The, Chicago, Ill. Leather gloves, gauntlets, and mittens. 170,403; July 17; Serial No. 173,475; published Apr. 10, 1923.

Eisendrath, Joseph N., Company, The, Chicago, Ill. Leather gloves, gauntlets, and mittens. 170,404–5; July 17; Serial Nos. 173,472–3; published Apr. 10, 1923.

Eisendrath, Joseph N., Company, The, Chicago, Ill. Leather gloves, gauntlets, and mittens. 170,406; July 17; Serial No. 173,470; published Apr. 10, 1923.

Eisendrath, Joseph N., Company, The, Chicago, Ill. Leather gloves, gauntlets, and mittens. 170,407–9; July 17; Serial Nos. 173,466–8; published Apr. 10, 1923.

Eisendrath, Joseph N., Company, The, Chicago, Ill. Leather gloves, gauntlets, and mittens. 172,104; Aug. 21; Serial No. 173,471; published May 22, 1923.

Eisendrath, Joseph N., Company, The, Chicago, Ill. Leather gloves, gauntlets, and mittens. 175,968; Nov. 13; Serial No. 173,477; published July 24, 1923.

Eisendrath, Joseph N., Company, The, Chicago, Ill. Leather gloves, gauntlets, and mittens. 176,131; Nov. 20; Serial No. 173,474; published July 24, 1923.

Eisendrath, Joseph N., Company, The, Chicago, Ill. Leather gloves, gauntlets, and mittens. 176,132; Nov. 20; Serial No. 173,469; published July 24, 1923.

Eisenlohr, Otto, & Bros., Incorporated, Philadelphia, Pa. Cigars. 171,220; July 31; Serial No. 177,477; published Apr. 24, 1923.

Eisenstadt Manufacturing Company, St. Louis, Mo. Bracelets, wristlets, neck chains, watch chains, etc. 174,889; Oct. 23; Serial No. 180,211; published July 10, 1923.

Eisinger, E., Company, Chicago, Ill. Periodicals, and particularly monthly periodical catalogues. 165,230; Mar. 6; Serial No. 163,261; published Dec. 5, 1922.

Eisold, Alfred G., doing business as Eisold's Flavor & Syrup Co., Milwaukee, Wis. Flavoring extract for soft drinks. 175,386; Nov. 6; Serial No. 170,129; published Aug. 28, 1923.

Eklund, Isak, doing business as No. 3, Safety Razor Company, Paterson, N. Y. Safety razors and safety-razor blades. 164,843; Feb. 27.

Elars Medicine Company, Richmond, Va. General tonic. 164,493; Feb. 20.

Elastic Tip Co., The. (See Stetson, George A.)

Eldon Manor Kennels. (See Albaugh, James A.)

Eldredge, Frank M., doing business as Gem Manufacturing Company, Detroit, Mich. Electric ranges. 168,721; May 29; Serial No. 171,788; published Feb. 13, 1923.

Electrad Corporation of America, New York, N. Y. Vacuum tubes. 170,366; July 17; Serial No. 173,960; published Apr. 3, 1923.

Electrad Corporation of America, New York, N. Y. Variable resistance units. 177,752; Dec. 25; Serial No. 179,091; published Oct. 9, 1923.

Electric Furnace Company, The, Salem, Ohio. Electric melting, heating, and heat-treating furnaces. 174,298; Oct. 9.

Electric Heat Unit Co., St. Louis, Mo. Electrical soldering irons. 174,426; Oct. 16; Serial No. 179,402; published June 26, 1923.

Electric Milker Corporation, Chicago, Ill. Milking machines. 163, 915: Feb. 6.

Electric Outlet Company Inc., New York, N. Y. Outlet boxes. 175,943; Nov. 13; Serial No. 173,129; published Aug. 7, 1923.

Electrical Alloy Company, The, Morristown, N. J. Electric resistance materials. 175,997; Nov. 13; Serial No. 165,365; published Sept. 4, 1923.

Electrical Heating Appliance Co., Chicago, Ill. Electrically-heated appliances. 165,178; Mar. 6; Serial No. 169.894; published Dec. 19, 1922.

Electrical Research Laboratories, Chicago, Ill. Radio electrical appliances. 165,056; Mar. 6; Serial No. 166,593; published Nov. 28, 1922.

Electro-Magnetic Tool Company, Cicero, Ill. Electric drills, hammers, and grinders. 166,574; Apr. 10; Serial No. 171,068; published Jan. 9, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Electro Mechanical Products Company Inc., New York, N. Y. Telegraphic, telephonic, wireless telegraphic and telephonic transmitting and receiving instruments and parts thereof. 164,696; Feb. 27.

Electro Silicon Co., The, New York, N. Y. Preparation for cleaning and removing stains from clothing, upholsteries, etc. 167,875; May 8; Serial No. 167,461; published Feb. 6, 1923.

Electro Thermal Company, The, Steubenville, Ohio. Therapeutic goods. 164,370; Feb. 20.

Electronic Remedy Co., Chicago, Ill. Laxative herb teas, medicines for disorders of the stomach, liver, kidneys, and intestines. 167,555; May 1; Serial No. 165,538; published Jan. 2, 1923.

Elektrizitatswerk Lonza, Gampel and Basel, Switzerland. Agglomerates of solid aldehyde, methyl alcohol, and ethyl alcohol for heating and lighting purposes. 167,631; May 1; Serial No. 166,778; published Jan. 2, 1923.

Elektrizitatswerk Lonza, Gampel and Basel, Switzerland. Burners for lighting, heating, and cooking purposes. 167,880; May 8; Serial No. 166,777; published Feb. 6, 1923.

Eleveyor Electric Industrial Truck Co., Brooklyn, N. Y. Industrial trucks. 167,828; May 8; Serial No. 170,012; published Feb. 13, 1923.

Elfers, William R., New York, N. Y. Articles made of or plated with precious metals. 175,728; Nov. 13; Serial No. 179,139; published Aug. 21, 1923.

Elgin Stove & Oven Co., Elgin, Ill. Portable bake ovens, stoves, and ranges. 166,756; Apr. 10.

Elgin Waist Company, Philadelphia, Pa. Women's, misses', and children's dresses, waists, skirts, middies, and smocks. 163,228; Jan. 2.

Elgot and Giuntini, New York, N. Y. Maltless soda-fountain sirups for soft drinks. 173,667; Oct. 2; Serial No. 177,659; published July 3, 1923.

Eli Boot Shop Co., The, New Haven, Conn. Boots and shoes. 171,768; Aug. 14; Serial No. 173,629; published May 8, 1923.

Eli Laboratory. (See Dunn, Eli H.)

Eli Lilly & Company, The, Indianapolis, Ind. Medicinal preparation for the treatment of diabetes and to lower blood sugar, etc. 171,971; Aug. 21; Serial No. 166,382; published May 15, 1923.

Eliaves, Alexander P., doing business as A. Louis Manufacturing Co., Washington, D. C. Hair tonic. 167,570; May 1; Serial No. 166,940; published Jan. 2, 1923.

Elite Brassiere Co., New York, N. Y. Brassières. 164,134; Feb. 13.

Elite Chocolate Coated Baseball Company. (See Elite Confectionery Co., assignor.)

Elite Confectionery Co., El Paso, Tex. Frozen confections. 170,868; July 24; Serial No. 166,664; published Jan. 16, 1923.

Elite Confectionery Co., El Paso, Tex. Frozen confections. 170,869; July 24; Serial No. 166,663; published Jan. 23, 1923.

Elite Confectionery Co., assignor to Elite Chocolate Coated Baseball Company, El Paso, Tex. Ice cream. 165,780; Mar. 20; Serial No. 158,035; published Dec. 26, 1922.

Elite Glove Co., Gloversville, N. Y. Leather gloves. 176,954; Dec. 11; Serial No. 177,172; published Sept. 11, 1923.

Elite Manufacturing Company, Ashland, Ohio. Jacks. 165,930; Mar. 20.

Elizabeth Arden. (See Lewis, Florence N.)

Elizabeth Candy Shops, The. (See Steeves, Elizabeth.)

Elizabeth City Hosiery Co. Inc., Elizabeth City, N. C. Hosiery. 175,364; Nov. 6; Serial No. 176,888; published Aug. 14, 1923.

Elk Mountain Orchard Co., Asheville, N. C. Fresh apples. 170,917; July 24; Serial No. 166,356; published Apr. 24, 1923.

Elk Pharmacy, The. (See Lawler, William A.)

Elkhart Band Instrument Company, The, Elkhart, Ind. Musical instruments and supplies. 168,129; May 15; Serial No. 170,972; published Feb. 6, 1923.

Elkhart Rubber Works, Elkhart, Ind. Insulating tape. 168,996; May 29.

Elkhorn Coal Company, Lexington, Ky. Coal. 175,541; Nov. 6; Serial No. 180,593; published Aug. 21, 1923.

Elkin Turn Shoe Company, Philadelphia, Pa. Welt and turn shoes, oxfords, pumps, and slippers for ladies, misses, and children. 168,319; May 22; Serial No. 167,804; published Feb. 27, 1923.

Elkton Lithia Bottling Company. (See Flory, I. L.)

Elliott Bay Mill Company, Seattle, Wash. Ply wood which is glued up of three or more thicknesses of thin veneer. 169,546; June 19.

Elliott, Clyde E., New York, N. Y. Pictures to be projected upon a screen, motion-picture films, machines for taking and projecting pictures, and screens. 168,093–5; May 15; Serial Nos. 162,389–91; published Feb. 27, 1923.

Elliott, Clyde E., New York, N. Y. Pictures, motion-picture films, machines for taking and projecting pictures, etc. 169,048; June 5; Serial No. 162,392; published Mar. 13, 1923.

Elliott Company, The, Kittery, Me. Addressing machinery and equipment and supplies therefor. 171,576; Aug. 7; Serial No. 172,642; published May 1, 1923.

Elliott Company, The, Kittery, Me., and Cambridge, Mass. Stencil cabinets. 176,438; Nov. 27; Serial No. 180,693; published Sept. 11, 1923.

Elliott, J. S., Coffee Company, Newville, Pa. Coffee. 170,886; July 24; Serial No. 159,746; published May 8, 1923.

Elliott, John D., Miami, Fla. Chemical preparation used as a carbon remover. 164,162; Feb. 13.

Ellis Hosiery Company, Philadelphia, Pa. Hosiery. 163,565–9; Jan. 23.

Ellis, John S., doing business as Shirland Knitting Mills, Philadelphia, Pa. Knitted coats, jackets, and sweaters. 173,830; Oct. 2; Serial No. 175,076; published June 26, 1923.

Ellis Resilient Wheel Corporation, Seattle, Wash. Wheels of automobiles and industrial cars. 174,477; Oct. 16; Serial No. 178,239; published July 17, 1923.

Ellison, John B., & Sons, Philadelphia, Pa. Wool, worsted, cotton, or mixtures piece goods. 177,621; Dec. 25; Serial No. 182,536; published Oct. 9, 1923.

Ellsworth-Haffner Company, The, Orrville, Ohio. Traces and harness. 163,656; Jan. 23.

Ellsworth & Thayer Mfg. Co., Milwaukee, Wis. Gloves and mittens. 169,030; May 29.

Elm Refining Company, Stamford, Conn. Dental alloy and dental gold and silver. 175,910; Nov. 13; Serial No. 178,717; published Sept. 4, 1923.

Elmer Candy Co. Inc., New Orleans, La. Candy. 173,523; Sept. 25.

Elmer Candy Co., Inc., New Orleans, La. Candy. 173,861; Oct. 2; Serial No. 175,077; published July 3, 1923.

Elmer Candy Co., Inc., New Orleans, La. Candy. 173,867; Oct. 2; Serial No. 175,229; published July 3, 1923.

Elmo Inc., Philadelphia, Pa. Deodorants. 168,410; May 22; Serial No. 171,352; published Feb. 20, 1923.

El Monte Canning Co., El Monte, Calif. Canned fruits and vegetables. 175,134; Oct. 30; Serial No. 180,531; published Aug. 14, 1923.

Elmore, Francis E., doing business as Elmore Medicine Co., Columbus, Ohio. General tonics. 164,309; Feb. 20.

Elmore Medicine Co. (See Elmore, Francis E.)

Elowsky, S. M., & Co., Brooklyn, N. Y. Athletic apparel. 176,270; Nov. 20; Serial No. 177,478; published Sept. 4, 1923.

Elpho Pharmacal Company. (See Helfand, Leopold E.)

El Reno Wholesale Grocery Company, The, El Reno, Okla. Coffee. 163,312; Jan. 9.

Elson & Church, Los Angeles, Calif. Fireplaces. 172,919; Sept. 11; Serial No. 177,431; published June 5, 1923.

El Vandoma Cigar Co., Brooklyn, N. Y. Cigars. 165,692; Mar. 20; Serial No. 170,130; published Dec. 12, 1922.

Elvin Company, The. (See Meyer, Peter.)

Elwood Myers Co., The, Springfield, Ohio. Leather novelties. 164,663; Feb. 27.

Ely, Mark C., doing business as Vita Products Company, Butte and Clancy, Mont. Rye breakfast cereal. 173,353; Sept. 25; Serial No. 166,357; published Mar. 20, 1923.

Ely Waist, Inc., New York, N. Y. Ladies' waists. 166,695; Apr. 10; Serial No. 166,824; published Dec. 19, 1922.

Ely & Walker Dry Goods Company, St. Louis, Mo. Towels of cotton and linen, handkerchiefs, cotton goods, laces and embroideries, etc. 163,861; Jan. 30.

Ely & Walker Dry Goods Company, St. Louis, Mo. Bedquilts, bedspreads, and counterpanes. 165,690; Mar. 20; Serial No. 170,183; published Dec. 26, 1922.

Ely & Walker Dry Goods Company, St. Louis, Mo. Cotton piece goods. 170,310; July 10; Serial No. 176,017; published Apr. 10, 1923.

Ely & Walker Dry Goods Company, St. Louis, Mo. Sheets and pillowcases. 170,702; July 24; Serial No. 150,141; published Nov. 8, 1921.

Ely & Walker Dry Goods Company, doing business as Lincoln Knit Goods Mills, St. Louis, Mo. Sweaters. 173,697; Oct. 2; Serial No. 177,284; published June 19, 1923.

Ely & Walker Dry Goods Company, St. Louis, Mo. Knitted coats. 176,275; Nov. 20; Serial No. 178,096; published Sept. 11, 1923.

Elysee Olive Oil Company, Inc., New York, N. Y. Olive oils and mixture of olive oils with other oils. 167,972; May 8.

El Zair, Inc. (See Thompson-Barlow Company, assignor.)

Embassy Manufacturing Corporation, New York, N. Y. Athletic underwear for men. 167,791; May 8; Serial No. 165,488; published Feb. 6, 1923.

Emblem Manufacturing Company, Angola, N. Y. Cycles—namely, bicycles and motor cycles. 175,082; Oct. 30; Serial No. 169,161; published Aug. 7, 1923.

Emblem Manufacturing Company, Angola, N. Y. Bicycles. 175,376; Nov. 6; Serial No. 169,160; published Aug. 28, 1923.

Embourg Textile Co. Inc., New York, N. Y. Textile wash cloth and towel. 168,438; May 22; Serial No. 171,013; published Feb. 20, 1923.

Embro Medicine Company. (See Shinbaum, Ernest.)

Emeis, Harry P., doing business as Stero-Oil Company, San Diego, Calif. Lubricating and sterilizing medium for dental instruments. 175,508; Nov. 6; Serial No. 177,433; published Aug. 28, 1923.

Emerson Drug Co., Baltimore, Md. Beverage sold as a soft drink. 169,553; June 19.

Emerson Drug Co., Baltimore, Md. Beverage sold as soft drink and sirup and concentrates for making same. 171,926; Aug. 14.

Emery Art Fruit Co., Inwood, N. Y. Artificial fruits for decorative purposes in homes and other places. 163,061; Jan. 2.

Emery & Beers Co., Inc., New York, N. Y. Hosiery. 164,092; Feb. 13.

Emery, John R., Wakefield, Mass. Doorstops. 175,324; Nov. 6; Serial No. 180,794; published Aug. 14, 1923.

Emeterio, Flores, New York, N. Y. Spanish paprika and spices. 174,793; Oct. 23; Serial No. 174,567; published July 24, 1923.

Emil Busch, Aktiengesellschaft Optische Industrie, Rathenow, Germany. Telescopes, field glasses, and opera glasses. 165,016; Feb. 27.

Emily Brassiere Co. (See Shain, Harry.)

Empire Biochemical Company, New York, N. Y. Skin-sterilizing preparation used in surgery. 169,605; June 26; Serial No. 172,373; published Feb. 27, 1923.

Empire Carpet Co., New York, N. Y. Linoleum, felt base linoleum, and oil cloth. 163,496; Jan. 16.

Empire Carpet Co., New York, N. Y. Floor covering. 173,289; Sept. 18; Serial No. 179,092; published June 19, 1923.

Empire Chemical Co. (See Connolly, Ira.)

Empire Fire-Proof Door Co., Inc., New York, N. Y. Metal-covered doors and windows. 167,056; Apr. 24; Serial No. 160,756; published Nov. 7, 1922.

Empire Food Products Company, New York, N. Y. Powdered milk and a powder containing cocoa, sugar, and skimmed milk. 170,909; July 24; Serial No. 151,358; published Apr. 3, 1923.

Empire Hosiery Corporation. (See Van Brunt, W. C., assignor.)

Empire Shield Co., New York, N. Y. Dress shields. 169,890; July 3; Serial No. 159,308; published Mar. 27, 1923.

Empire Silk Company, Wilmington, Del., and New York, N. Y. Silk piece goods. 171,389; Aug. 7; Serial No. 177,368; published May 1, 1923.

Empire Silk Company, Wilmington, Del., and New York, N. Y. Silk piece goods. 174,191; Oct. 9; Serial No. 181,178; published July 17, 1923.

Empire Silk Company, Wilmington, Del., and New York, N. Y. Silk piece goods. 174,631; Oct. 23; Serial No. 179,663; published July 31, 1923.

Empire Silk Company, Wilmington, Del., and New York, N. Y. Silk piece goods. 177,342; Dec. 18; Serial No. 181,177; published Sept. 25, 1923.

Empire Silk Company, Wilmington, Del., and New York, N. Y. Silk piece goods. 177,690; Dec. 25; Serial No. 184,605; published Oct. 2, 1923.

Empire Soap Company, Inc., New York, N. Y. Toilet soap. 175,900–1; Nov. 13; Serial Nos. 176,889–90; published Aug. 28, 1923.

Empire Tire & Rubber Corporation, Trenton, N. J. Pneumatic vehicle tires. 171,468; Aug. 7; Serial No. 166,223; published Apr. 17, 1923.

E-Nam-O Mfgrs., Chicago, Ill. Chemical preparation for coloring hair. 175,620; Nov. 6; Serial No. 180,795; published Aug. 14, 1923.

Endel & Peles, New York, N. Y. Straw hats and hats partly of straw. 172,117; Aug. 21; Serial No. 175,476; published May 22, 1923.

Endicott Johnson Corporation, Endicott, N. Y. Leather. 168,572; May 29; Serial No. 167,078; published Feb. 13, 1923.

Endicott Johnson Corporation, Endicott, N. Y. Leather shoes. 166,802; Apr. 17; Serial No. 168,520; published Jan. 9, 1923.

Endicott Johnson Corporation, Endicott, N. Y. Leather shoes. 172,948; Sept. 11; Serial No. 152,791; published June 5, 1923.

Endler, Wm. H., doing business as Theatre Bulletin Co., Los Angeles, Calif. Weekly theater bulletin card. 163,738; Jan. 23.

Endovita Company, Chicago, Ill. Medicine—namely, desiccated glands of cattle for use where the condition of the body is subnormal. 165,527; Mar. 13; Serial No. 157,919; published Dec. 5, 1922.

Engel, Fried, & Company, Inc., New York, N. Y. Women's fur coats. 168,318; May 22; Serial No. 168,214; published Jan. 9, 1923.

Engel, H., & Sons, New York, N. Y. Handkerchiefs. 165,017; Feb. 27.

Engelhard, A., & Sons Co., Louisville, Ky. Coffee. 169,539; June 19; Serial No. 169,289; published Feb. 27, 1923.

Engelhard, A., & Sons Company, Louisville, Ky. Foods and food ingredients—namely, coffee and chicory. 164,305; Feb. 20.

Engels, Emil, doing business as F. W. Engels, New York, N. Y. Razors, scissors, shears, hair clippers, etc. 164,888; Feb. 27.

Engels, F. W. (See Engels, Emil.)

Englander, Herman, doing business as Supreme Suspender Co., Philadelphia, Pa. Suspenders, belts, and garters. 166,295; Mar. 27.

Englert Manufacturing Co., Pittsburgh, Pa. Electric batteries. 170,218; July 10; Serial No. 152,609; published Apr. 3, 1923.

English, Geo., jr., & Co., Shamokin, Pa. Hosiery and knitted underwear. 174,818; Oct. 23; Serial No. 180,847; published Aug. 7, 1923.

Engravograph Corporation, The, New York, N. Y. Electric engraving machines. 176,065; Nov. 13; Serial No. 181,261; published Sept. 4, 1923.

Ensley, Harry M., Oakland, Calif. Powder for insect exterminator. 167,285; Apr. 24.

Enterprise Candy Company. (See Harris Woodson Co., Inc.)

Enterprise Oil Co. (See Hower, Frank B.)

Enterprise Paint Mfg. Co., Chicago, Ill. Ready-mixed and paste paints, varnishes, paint enamels, wood fillers, etc. 169,451; June 19; Serial No. 172,735; published Mar. 20, 1923.

Enterprise Paint Mfg. Co., Chicago, Ill. Ready-mixed and paste paints, varnishes, and paint enamels. 169,825; July 3; Serial No. 174,001; published Apr. 3, 1923.

Enterprise Paint Mfg. Co., Chicago, Ill. Ready-mixed and paste paints, varnishes, and paint enamels. 170,267; July 10; Serial No. 174,829; published Apr. 17, 1923.

Enterprise Paint Mfg. Co., Chicago, Ill. Paints, varnishes, and paint enamels. 170,268; July 10; Serial No. 174,827; published Apr. 17, 1923.

Enterprise Paint Mfg. Co., Chicago, Ill. Dry, paste, and ready-mixed paints, varnishes, varnish removers, and enamel paints. 172,126; Aug. 21; Serial No. 174,828; published May 29, 1923.

Enterprise Tinware Co., New York, N. Y. Wash boilers. 163,848; Jan. 30.

Entwisle, Sadie I., New York, N. Y. Fabric gloves, hosiery, and knitted underwear. 168,605; May 29; Serial No. 168,673; published Feb. 13, 1923.

Enzler, Emil, New York, N. Y. Perforated patterns used for stenciling designs to be embroidered. 167,540; May 1; Serial No. 170,812; published Jan. 30, 1923.

Enzler, Emil, New York, N. Y. Waterproof ink for stenciling. 168,441; May 22; Serial No. 170,813; published Feb. 20, 1923.

Eodene Company, The, Fairmont, W. Va. Tooth paste. 164,612; Feb. 20.

Ephraim Sanitary Canning Company, Ephraim, Utah. Canned vegetables. 166,570; Apr. 10; Serial No. 166,298; published Jan. 16, 1923.

Ephraim Sanitary Canning Company, Ephraim, Utah. Canned vegetables. 170,654; July 17; Serial No. 169,477; published Apr. 17, 1923.

Ephraim Sanitary Canning Company, Ephraim, Utah. Canned vegetables. 173,077; Sept. 11.

Ephraim Sanitary Canning Company, Ephraim, Utah. Canned vegetables. 175,349; Nov. 6; Serial No. 168,674; published Aug. 14, 1923.

Eppinger, Louis J., Detroit, Mich. Fishhooks. 164,911; Feb. 27.

Epstein, Isaac J., San Francisco, Calif. Medicinal preparations. 177,063; Dec. 11; Serial No. 174,729; published Sept. 11, 1923.

Equitable Trust Company of New York, trustee. (See Fownes Brothers & Co., assignor.)

Erbo Company, The, Pittsburgh, Pa. Beverages. 167,095; Apr. 24; Serial No. 167,007; published Jan. 9, 1923.

Erickson, Andrew C., Los Angeles, Calif. Leather boots and shoes. 172,129; Aug. 21; Serial No. 174,613; published May 22, 1923.

Erickson, Carl O., doing business as Carl-O-Radiant Sales Co., St. Paul, Minn. Preheating devices for fuel intake of an internal-combustion engine. 164,650; Feb. 27.

Eridanea Company, Inc., Brooklyn, N. Y. Almond oil, castor oil, castor oil aromatic, iron cinchona bitters, etc. 177,213; Dec. 11; Serial No. 177,080; published Sept. 11, 1923.

Erie County Milk Association, Erie, Pa. Ice cream. 166,816; Apr. 17; Serial No. 167,237; published Feb. 6, 1923.

Erie Steel Construction Company, Erie, Pa. Holding and measuring apparatus for stone, gravel, etc. 173,212; Sept. 18; Serial No. 171,308; published June 19, 1923.

Erikson, Iver J., Worcester, Mass. Asphalt composition roofing in sheets and rolls. 167,557; May 1; Serial No. 167,939; published Dec. 19, 1922.

Erlanger, N., Blumgart & Co. Inc., New York, N. Y. Dyestuffs. 169,100; June 5.

Erlanger, N. Blumgart & Co. Inc., New York, N. Y. Outer wash garments. 169,741; June 26.

Erlanger, N., Blumgart & Co., Inc., New York, N. Y. Cotton yarns. 170,970; July 24.

Erlanger, N., Blumgart & Co., Inc., New York, N. Y. Under wash garments. 176,083; Nov. 13.

Ernst, Victor C., Cleveland, Ohio. Cameras. 176,884; Dec. 4; Serial No. 181,480; published Sept. 25, 1923.

Erwin, Lemuel L., Loco, Okla. Antiseptic. 171,953; Aug. 14.

Escandell y Moré, José, Habana, Cuba. Preparation for relieving pains of the teeth and gums. 165,531; Mar. 13; Serial No. 158,082; published Dec. 19, 1922.

Alphabetical list of registrants of trade-marks—Continued.

Escondido Citrus Union, Escondido, Calif. Fresh oranges and lemons. 173,789; Oct. 2; Serial No. 177,369; published July 3, 1923.

Eshborn, Samuel, New York, N. Y. Phonograph needles. 164,445; Feb. 20.

Eshborn, Samuel, New York, N. Y. Phonographs and phonograph accessories. 174,391; Oct. 16; Serial No. 173,702; published June 26, 1923.

Eskay Products Company, Baltimore, Md. Mayonnaise dressing for foodstuffs. 168,576; May 29; Serial No. 167,230; published Mar. 6, 1923.

Eskilstuna Stålpressnings Aktiebolag, Eskilstuna, Sweden. Metal lamp shades. 174,461; Oct. 16; Serial No. 174,361; published June 26, 1923.

Esleeck Manufacturing Co., Turners Falls, Mass. Manifold paper. 167,309; Apr. 24.

Esmond Mills, The, Esmond, R. I. Blankets, blanket fabrics, cotton piece goods, ribbons in the piece, auto robes, etc. 165,742; Mar. 20; Serial No. 171,789; published Jan. 2, 1923.

Esmond Mills, The, Esmond, R. I. Blankets, blanket fabrics in the piece, cotton piece goods, etc. 165,805; Mar. 20; Serial No. 171,790; published Jan. 2, 1923.

Esmond Mills, The, Esmond, Smithfield, R. I. Cotton blankets and cotton blanket piece goods. 171,608; Aug. 7; Serial No. 173,703; published May 15, 1923.

Esmond Mills, The, Esmond, Smithfield, R. I. Woven textile fabrics. 175,176; Oct. 30; Serial No. 181,339; published Aug. 7, 1923.

Esperson, Niels, doing business as Mid-Continet Clay Company, Peru, Kans. Building bricks and roofing tile. 174,466; Oct. 16; Serial No. 171,586; published July 3, 1923.

Esperson, Niels, doing business as Mid-Continent Clay Company, Peru, Kans. Building bricks and roofing tile. 175,391; Nov. 6; Serial No. 171,587; published Aug. 28, 1923.

Essandee Corporation, Los Angeles, Calif. Automobile accessories. 168,665; May 29; Serial No. 154,586; published Feb. 20, 1923.

Essential Oil Company, New York City, N. Y. Essential oils. 174,329; Oct. 16; Serial No. 178,030; published July 10, 1923.

Essentials Mineral Co. (See Lytle, Myrtle H.)

Essex Rubber Company, Trenton, N. Y. Soles and heels of rubber or rubber composition. 168,307; May 15.

Est. Henry C. Miner, Inc., New York, N. Y. Chemical preparation suitable for blackening the skin. 163,242; Jan. 2.

Estall Company. (See Ginlayson, Estelle B.)

Estate of A. C. Decker, Keokuk, Iowa. Hog rings. 173,544; Sept. 25.

Estate of Charles J. Fisk, deceased; H. Fisk and L. E. Waring, executors, Trenton Junction, N. J. Live poultry and eggs. 176,746; Nov. 27; Serial No. 176,020; published Aug. 14, 1923.

Estate of Constant Potential System, Fort Worth, Tex. Electrical apparatus consisting of an electrical generating machine and battery-charging benches. 166,537; Apr. 10; Serial No. 160,396; published Jan. 2, 1923.

Estate of Frederick Wiebusch, The, by Charles Wiebusch, executor, New York, N. Y., assignor to Challenge Cutlery Corporation, Bridgeport, Conn. Cutlery. 23,639; renewed Sept. 19, 1923.

Estate of Julia V. H. Magee. (See Magee, Christopher, jr.)

Estes, E. B., & Sons, New York, N. Y. Penholders. 164,194; Feb. 13.

Estes, St. Louis, Chicago, Ill. Monthly magazines. 176,602; Nov. 27; Serial No. 179,716; published Sept. 11, 1923.

Etablissements Continsouza, Société Anonyme, Paris, France. Cinematographic projectors and cameras, plates for fixed projections, etc. 167,280; Apr. 24; Serial No. 142,754; published Jan. 30, 1923.

Etablissements Poulenc frères, Paris, France. Specific vaccine. 173,447–8; Sept. 25; Serial Nos. 173,749–50; published June 26, 1923.

Etablissements Poulenc frères, Paris, France. Double iodide of quinine and bismuth. 173,449; Sept. 25; Serial No. 173,748; published June 26, 1923.

Etablissements Poulenc frères, Paris, France. Specific vaccine. 173,450–1; Sept. 25; Serial Nos. 173,746–7; published June 26, 1923.

Etablissements Poulenc frères, Paris, France. Specific vaccine. 173,452; Sept. 25; Serial No. 173,744; published June 26, 1923.

Etablissements Poulenc Frères, Paris, France. Acetylamino-oxy-phenyl arsenic acid. 177,082; Dec. 11; Serial No. 173,745; published Sept. 11, 1923.

Etablissements Poulenc Frères, Paris, France. Chemical compound. 177,164; Dec. 11; Serial No. 173,757; published Sept. 18, 1923.

Etablissements Poulenc Frères, Paris, France. Chemical product used to convey vaccines. 177,635; Dec. 25; Serial No. 173,758; published Oct. 9, 1923.

Etablissements Reynier. (See Reynier & Cie., assignor.)

Etched Products Corporation, Long Island City, N. Y. Metallic hot-dish plaques. 174,830; Oct. 23; Serial No. 176,075; published July 24, 1923.

Ethicus Prompt Treatment Kit, Inc., New York, N. Y. Kits or containers for medical and surgical supplies. 164,525; Feb. 20.

Ethicus Prompt Treatment Kit, Inc., New York, N. Y. Preparation for the relief of headache, pain, etc. 174,317; Oct. 16; Serial No. 177,729; published July 10, 1923.

Etna Radio Co. Inc., New York, N. Y. Loud-speaking telephones, telephone receivers, transmitters, plugs, jacks, etc. 174,440; Oct. 16; Serial No. 177,218; published June 19, 1923.

Etzel, Alfred C., Highland Mills, N. Y. Cattle, leghorns, milk goats, and eggs. 172,480; Aug. 28.

Eubank, Myron L., Colorado Springs, Colo. Oils and greases for lubricating purposes. 164,179; Feb. 13.

Euclid Candy Company, The. Cleveland, Ohio. Candy. 169,278; June 12; Serial No. 144,611; published Mar. 27, 1923.

Euclid Candy Company, The, Cleveland, Ohio. Candy. 173,782; Oct. 2; Serial No. 176,171; published July 3, 1923.

Euclid Crane and Hoist Company, The, Euclid, Ohio. Electric traveling cranes, hoists, trolleys, and monorail trolleys. 174,530; Oct. 16.

Euclid Medical Company Incorporated, Cleveland, Ohio. Medicinal preparations for the relief of colds, catarrh, hay fever, etc. 165,571; Mar. 13; Serial No. 161,307; published Nov. 28, 1922.

Eureka Fire Hose Company, assignor to Eureka Fire Hose Manufacturing Company, New York, N. Y. Hydraulic and fire hose. 23,616–17; renewed Sept. 19, 1923.

Eureka Fire Hose Company, assignor to Eureka Fire Hose Manufacturing Company, New York, N. Y. Hydraulic or fire hose. 23,618; renewed Sept. 19, 1923.

Eureka Specialty Printing Company, Incorporated, Scranton, Pa. Paper for trading stamps, coupons, safety paper, etc. 172,300; Aug. 28; Serial No. 178,240; published May 29, 1923.

European Radio Company. (See Goll, Robert E.)

Eustathopoulo, Nap., & Fils, New York, N. Y. Cotton goods in the piece. 170,072; July 10; Serial No. 165,990; published Apr. 3, 1923.

Eustis, J. P., Manufacturing Company, Cambridge, Mass. Wall mirrors, seats, stools, chairs. 165,267; Mar. 6; Serial No. 166,989; published Dec. 19, 1922.

Eustis, J. P., Manufacturing Company, Cambridge, Mass. Medicine cabinets. 167,468; May 1; Serial No. 166,988; published Jan. 2, 1923.

Eustis, J. P., Manufacturing Company, Cambridge, Mass. Soapdishes, towel bars, hand rails, bath-brush holders, sponge holders, etc. 168,089; May 15; Serial No. 161,531; published Feb. 27, 1923.

Eustis, James S., Woodland, Calif. Toasted almonds. 171,568; Aug. 7; Serial No. 173,885; published May 22, 1923.

Eustis Packing Co., The. (See Oyler, Chas. C., & Son.)

Evan Williams Company Limited, London, England. Shampoo powder. 169,908; July 3; Serial No. 170,715; published Mar. 6, 1923.

Evans Chemical Works, The, Portland, Oreg. Fingernail polish, cleaner, and tonic. 172,713; Sept 11; Serial No. 175,388; published May 22, 1923.

Evans Concinnum & Metal Works Ltd., London, England. Pocket cigarette-rolling machines. 177,131; Dec. 11; Serial No. 139,790; published July 4, 1922.

Evans, Emory J., Kenova, W. Va. Medicine and ingredients of medicine used for tuberculosis, bronchial trouble, etc. 170,732; July 24; Serial No. 172,324; published Apr. 24, 1923.

Evans, George B., Philadelphia, Pa. Toilet powders and dentifrice. 23,445; renewed Aug. 1, 1923.

Evans, Mrs. C. H., Wichita Falls, Tex. Salad dressing. 174,792; Oct. 23; Serial No. 174,430; published June 19, 1923.

Evans, S. W., & Son, Philadelphia, Pa. Umbrella and parasol ribs. 177,474; Dec. 18; Serial No. 185,009; published Oct. 2, 1923.

Evans, S. W., & Son, Philadelphia, Pa. Umbrella and parasol ribs. 177,476; Dec. 18; Serial No. 185,009; published Oct. 2, 1923.

Evansville Packing Company, The, Evansville, Ind. Dressed poultry and lard. 171,429; Aug. 7; Serial No. 171,531; published May 1, 1923.

Evansville Pure Milk Co., Evansville, Ind. Fresh milk, butter, and ice cream. 175,221; Oct. 30.

Everam Co. (See Brown, Earle D.)

Everard, James, assignor to James Everard's Breweries, New York, N. Y. Lager beer. 22,481; renewed Feb. 14, 1923.

Everett & Barron Co., Providence, R. I. Cleaning and polishing preparation for footwear. 163,230; Jan. 2.

Everett & Barron Co., Providence, R. I. Cleaning, coloring, and polishing preparation for footwear. 167,642; May 8; Serial No. 168,676; published Jan. 2, 1923.

Everett & Barron Company, Providence, R. I. Compounds for cleaning, coloring, and polishing footwear. 167,784; May 8; Serial No. 166,817; published Jan. 30, 1923.

Everett, Heaney & Co. Inc., New York, N. Y. Printed shirtings and percales. 170,952; July 24; Serial No. 166,823; published Apr. 24, 1923.

Everett, Heaney & Co. Inc., New York, N. Y. Printed shirtings and percales. 170,953; July 24; Serial No. 166,820; published Apr. 24, 1923.

Everett, Heaney & Co., Inc., New York, N. Y. Printed shirtings and percales. 172,614; Sept. 11; Serial No. 166,821; published June 5, 1923.

Everett Knitting Works, Lebanon, N. H. Misses' and children's knitted underwear and sleeping suits. 174,324; Oct. 16; Serial No. 177,904; published July 17, 1923.

Everett Knitting Works, Lebanon, N. H. Infants' knitted underwear, wrappers, and bands. 174,325; Oct. 16; Serial No. 177,903; published July 17, 1923.

Everett Mills, Lawrence and Boston, Mass. Cotton piece goods. 163,313; Jan. 9.

Evergreen Company, The, Columbus, Ga. Medicine for bladder troubles. 164,169; Feb. 13.

Everite Novelty Company. (See Rothschild, Rae.)

Everite Patch Company. (See Cahill & Malone.)

Everlasting Yeast Company, Weiser, Idaho. Yeast cakes. 172,102; Aug. 21; Serial No. 173,630; published May 29, 1923.

Everplay Needle Co. (See Willat, Arnold F.)

Ever Ready Auto Jack Corporation, Beacon, N. Y. Jacks for lifting automobiles and other vehicles. 167,965; May 8.

Ever Ready Chocolate Co., The, Rochester, N. Y. Prepared chocolate. 175,091; Oct. 30; Serial No. 179,977; published Aug. 14, 1923.

Ever-Ready Paste Packing Co., Pittsburg, Kans. Paste packing for steam pipes. 169,552; June 19.

Evershine Company, The. (See Maynard, Thomas P.)

Everstyle Hosiery Co., Cedarburg, Wis. Hosiery. 175,160; Oct. 30; Serial No. 180,999; published Aug. 7, 1923.

Evertasty Confection Co. (See Sperber, Samuel N.)

Everyday Piston Ring Company, Inc., Rochester, N. Y. Piston rings. 167,688; May 8; Serial No. 158,762; published Feb. 6, 1923.

Evol Chemical Company. (See Weisberg, Emily R.)

Evonol Laboratories. (See Stemmler, Theodore W.)

Ewald, Cora, Brooklyn, N. Y. Toy dolls. 169,949; July 10; Serial No. 174,515; published Apr. 10, 1923.

Ewald, Cora, Brooklyn, N. Y. Toy dolls. 170,377; July 17; Serial No. 174,386; published Apr. 10, 1923.

Ewing, Charles E., doing business Ewing Kutzit Soap Manufacturing Company, Lincoln, Nebr. Soap compound. 175,883; Nov. 13; Serial No. 180,424; published Aug. 21, 1923.

Ewing, Joseph H., doing business as Diamond Manufacturing Company, Malta, Ohio. Gaming devices. 171,103; July 31; Serial No. 174,360; published May 1, 1923.

Excella Pattern Company, New York, N. Y. Periodicals. 173,668; Oct. 2; Serial No. 177,661; published June 19, 1923.

Excella Pattern Company, New York, N. Y. Dress patterns. 173,751; Oct. 2; Serial No. 177,660; published June 19, 1923.

Excello Shirt Co. Inc., New York, N. Y. Men's and boys' dress and negligee shirts. 170,068; July 10; Serial No. 165,363; published Jan. 30, 1923.

Excello Shirt Co., Inc., New York, N. Y. Dress and negligee shirts, collars, pyjamas, night wear, and men's textile underwear. 170,125; July 10; Serial No. 164,699; published Mar. 20, 1923.

Excelo Manufacturing Company. (See Head, Hamilton D.)

Excelsior Knitting Mills, Inc., New York, N. Y. Knitted goods for men, women, and children. 164,085; Feb. 13.

Excelsior Motor Mfg. and Supply Co., Chicago, Ill. Motor cycles and bicycles. 174,752; Oct. 23; Serial No. 167,718; published July 17, 1923.

Excelsior Needle Company, assignor to The Torrington Company, Torrington, Conn. Needles. 23,649; renewed Sept. 26, 1923.

Excelsior Underwear Co. Inc., New York, N. Y. Athletic underwear and pyjamas and shirts for men and boys. 173,326; Sept. 25; Serial No. 171,910; published July 3, 1923.

Excelsior Wrapper Company, Chicago, Ill. Excelsior, excelsior products. 165,394; Mar. 6; Serial No. 157,992; published Nov. 7, 1922.

Exhaust Lock Company. (See Adams, Alonzo H.)

Ex Lent Manufacturing Co., Jamaica, N. Y. Shoe dressing. 167,801; May 8; Serial No. 161,722; published Jan. 30, 1923.

Exline & Exline Co., The, Dallas, Tex. Bond papers. 173,229; Sept. 18; Serial No. 173,411; published Apr. 24, 1923.

Exolon Company, The, Boston, Mass. Fused quartz. 167,611; May 1; Serial No. 153,758; published Dec 19, 1922.

Expanded Metal Engineering Company, New York, N. Y. Metal lath and corner beads. 167,722; May 8; Serial No. 149,741; published Jan. 30, 1923.

Experimenter Publishing Co., Inc., New York, N. Y. Monthly publications. 163,780; Jan. 30.

Experimenter Publishing Co., Inc., New York, N. Y. Weekly syndicated news service. 165,342; Mar. 6; Serial No. 163,865; published Dec. 12, 1922.

Exterminating Engineers of America, The. (See Patjens, Wm. S.)

F. & B. Co., New York, N. Y. Lotion for the external treatment of skin diseases, sores, eruptions, and festers. 163,062; Jan. 2.

F. & G. Baby Wear Co., New York, N. Y. Leggings. 164,229; Feb. 13.

F. & N. Lawn Mower Company, The, doing business as Edgworth Tool Works, Richmond, Ind. Hatchets, hammers, axes, pliers, and wrenches. 164,978; Feb. 27.

Fabbrica Automobilé e Velocipedi Edoardo Bianchia, Milan, Italy. Bicycles and motor cycles. 168,610; May 29; Serial No. 168,877; published Jan. 30, 1923.

Faber, Eberhard, Pencil Company, Brooklyn, N. Y. Pencils. 168,855; May 29; Serial No. 173,760; published Mar. 6, 1923.

Fabrik Pharmacia M. Schmidt & Co. (See Schmidt, Gerhard F.)

Fabrik Stolzenberg Deutsche Bureau-Einrichtungs-Gesellschaft mit beschrankter Haftung, Oos, Germany. Typewriting machines and parts thereof and mechanical copying machines. 172,819; Sept. 11; Serial No. 171,988; published June 5, 1923.

Fabrique-de Soie Artificielle de Tubize, Societe Anonyme, Brussels, Belgium. Artificial-silk threads and yarns. 170,908; July 24; Serial No. 154,406; published Feb. 20, 1923.

Fabyan & Company, Inc., New York, N. Y. Epsom salts, bicarbonate of soda, boric acid, borax, etc., 167,496; May 1; Serial No. 166,363; published Jan. 9, 1923.

Faehndrich, William, New York, N. Y. Cheese. 170,665; July 17; Serial No. 147,720; published Jan. 10, 1922.

Fageol Motors Co., Oakland, Calif. Motor trucks, automobiles, and a special type of automotive stage bus. 175,223; Oct. 30.

Fahnestock Electric Co., Long Island City, N. Y. Spring binding posts, telephone test connectors, ignition switches, etc. 170,345; July 10.

Fahrbach, Frank, doing business as Fahrnaml Paint Company, Grand Rapids, Mich. Ready-mixed paints. 166,244; Mar. 27; Serial No. 165,673; published Dec. 19, 1922.
switches, etc. 170,345; July 10.

Fahrenwald, Frank A., Cleveland Heights, Ohio. Corrosive and oxidation-resisting alloys. 164,826; Feb. 27.

Fahrenwald, Frank A., Cleveland Heights, Ohio. Heat and corrosion resisting alloys in the form of castings and forgings. 171,798; Aug. 14; Serial No. 176,332; published May 22, 1923.

Fahrnaml Paint Company. (See Fahrbach, Frank.)

Fahys, Joseph, & Company, New York, N. Y. Plated flatware. 168,138; May 15; Serial No. 170,373; published Feb. 20, 1923.

Fahys, Joseph, & Company, New York, N. Y. Watchcases. 174,565; Oct. 23; Serial No. 177,597; published June 19, 1923.

Fahys, Joseph, & Company, New York, N. Y. Watchcases. 175,858; Nov. 13; Serial No. 175,777; published Aug. 28, 1923.

Fahys Watch Case Co., The, Sag Harbor, N. Y., assignor to Joseph Fahys & Co., New York, N. Y. Watchcases. 22,968; renewed May 9, 1923.

Faichney, G., Company, The, Watertown, N. Y. Clinical and medical thermometers, hypodermic syringes and needles. 166,478; Apr. 3; Serial No. 170,013; published Jan. 9, 1923.

Faichney, G., Company, The, Watertown, N. Y. Clinical and medical thermometers, hypodermic syringes and needles. 168,167; May 15; Serial No. 166,226; published Feb. 13, 1923.

Fair, The, Chicago, Ill. Children's toy wagons. 167,034; Apr. 24; Serial No. 170,973; published Feb. 6, 1923.

Fair, The, Chicago, Ill. Children's sleds. 167,545; May 1; Serial No. 170,573; published Jan. 30, 1923.

Fair, The, Chicago, Ill. Hats for men and boys. 168,291; May 15.

Fair, The, Chicago, Ill. Women's knitted and textile undergarments. 169,292; June 12; Serial No. 164,881; published Mar. 20, 1923.

Fair, The, Chicago, Ill. Laundry washing machines. 169,951; July 10; Serial No. 174,614; published Apr. 3, 1923.

Fair, The, Chicago, Ill. Men's and boys' suits and overcoats. 171,202; July 31; Serial No. 152,124; published May 1, 1923.

Fair, The, Chicago, Ill. Children's undergarments. 172,402; Aug. 28; Serial No. 164,882; published Oct. 31, 1922.

Fair, William B., Habana, Cuba, and New York, N. Y. Dry salt-cured codfish. 163,314; Jan. 9.

Fair, William B., Habana, Cuba. Canned sausage. 166,511; Apr. 3; Serial No. 163,675; published Jan. 9, 1923.

Fair, William B., Habana, Cuba. Chocolate, cocoas, bonbons, caramels, crackers, butter, hams, etc. 167,264; Apr. 24; Serial No. 154,080; published Jan. 30, 1923.

Fair, William B., Habana, Cuba, and New York, N. Y. Evaporated milk and cream. 168,567–8; May 29; Serial Nos. 166,881–2; published Feb. 27, 1923.

Fairbairn, Robert A., New Market, N. J. Live cattle, sheep, and hogs. 164,934; Feb. 27.

Alphabetical list of registrants of trade-marks—Continued.

Fairbank, N. K., Company, The, Union Township, near Guttenberg, N. J., and Chicago, Ill., assignor to The American Cotton Oil Company, Union Township, near Guttenberg, N. J. Vegetable shortening compound. 172,051; Aug. 21; Serial No. 149,959; published Oct. 31, 1922.

Fairbank, N. K., Company, The, New York, N. Y. Common soap. 173,671; Oct. 2; Serial No. 177,905; published June 5, 1923.

Fairbanks Co., The, New York, N. Y. Oil-burning brazing forges, portable kerosene burners, torches, etc. 165,106; Mar. 6; Serial No. 142,248; published Oct. 3, 1922.

Fairchild Bros. & Foster, New York, N. Y. Artificially-digested food or peptone. 23,467; renewed Aug. 8, 1923.

Fairchild Company, Chicago, Ill. Magazine article. 176,531; Nov. 27; Serial No. 182,853; published Sept. 18, 1923.

Fairchild Milling Company, The, Cleveland, Ohio. Flour and corn meal. 170,972; July 24.

Fairfield Manufacturing Co., Inc., Providence, R. I. Pocketknives. 168,989; May 29.

Fairmont Creamery Co., The, Omaha, Nebr. Ice cream. 163,315; Jan. 9.

Fairmont Creamery Co., The, Omaha, Nebr. Dressed poultry. 163,431; Jan. 9.

Fairmont Creamery Co., The, Omaha, Nebr. Cheese. 163,497; Jan. 16.

Fairmont Creamery Co., The, Omaha, Nebr. Canned milk. 163,837; Jan. 30.

Fairmont Creamery Co., The, Omaha, Nebr. Butter. 163,839; Jan. 30.

Fairmont Creamery Co., The, Omaha, Nebr. Eggs. 165,387–8; Mar. 6; Serial Nos. 160,403–4; published Nov. 14, 1922.

Fairmont Creamery Co., The, Omaha, Nebr. Dressed poultry. 165,439; Mar. 13; Serial No. 165,675; published Jan. 2, 1923.

Fairmont Creamery Co., The, Omaha, Nebr. Eggs. 167,024; Apr. 24; Serial No. 161,983; published Dec. 12, 1922.

Fairmount Electric and Manufacturing Company, The, Philadelphia, Pa. Radio apparatus. 166,558; Apr. 10; Serial No. 170,131; published Jan. 9, 1923.

Fair-Sex Brassiere Co. (See Rubenstein, Benjamin.)

Fairsex Hosiery Mills, Inc., Philadelphia, Pa. Hosiery. 166,624; Apr. 10; Serial No. 168,677; published Dec. 19, 1922.

Fales Folio Company, Foxboro, Mass. Binders in the nature of bookbinders for photograph cards and other loose leaves. 168,881; May 29; Serial No. 168,211; published Mar. 13, 1923.

Fallkill Products Co., The. (See Wood, James W.)

Fallkill Radio & Electrical Co., Poughkeepsie, N. Y. Radio parts. 169,444; June 19; Serial No. 172,983; published Mar. 27, 1923.

Falls City Mills Co., Louisville, Ky. Hosiery. 168,554; May 29; Serial No. 160,492; published Dec. 12, 1922.

Falstaff Corporation, St. Louis, Mo. Malt extract. 169,803; July 3; Serial No. 161,831; published Apr. 3, 1923.

Fambach, John G., Cleveland, Ohio. Medicinal preparations for nervousness, falling sickness, etc. 172,735; Sept. 11; Serial No. 169,895; published May 22, 1923.

Fa-Mo Company, Memphis, Tenn. Sweet pickles. 174,946; Oct. 30; Serial No. 167,592; published Aug. 14, 1923.

Famo Nut Co., Los Angeles, Calif. Nuts and peanut butter. 169,280; June 12; Serial No. 132,934; published Mar. 27, 1923.

Famous Raincoat Company. (See Baeffsky, Louis.)

Famous Shoe Repair Company. (See Sarson, Teddy.)

Fansteel Products Company, Inc., North Chicago, Ill. Contact points. 176,071; Nov. 13; Serial No. 181,520; published Aug. 21, 1923.

Fansteel Products Company, Inc., North Chicago, Ill. Poppet valves. 176,659; Nov. 27; Serial No. 182,965; published Sept. 11, 1923.

Fansteel Products Company, Inc., North Chicago, Ill. Poppet valves. 176,661; Nov. 27; Serial No. 182,964; published Sept. 11, 1923.

Fansteel Products Company, Inc., North Chicago, Ill. Battery charges. 177,718; Dec. 25; Serial No. 182,966; published Oct. 9, 1923.

Fantea Company, The, Brooklyn, N. Y. Tea. 173,926; Oct. 2; Serial No. 178,335; published July 17, 1923.

Farbenfabriken, vormals Fr. Bayer & Co., Elberfeld, Germany, assignor to Winthrop Chemical Co. Inc., New York, N. Y. Pharmaceutical or dietetical compounds. 23,823; renewed Nov. 14, 1923.

Farbenfabriken vorm. Friedr. Bayer & Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Vermifuge. 164,107; Feb. 13.

Farbenfabriken vorm. Friedr. Bayer & Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Insecticide. 164,108; Feb. 13.

Farbenfabriken vorm. Friedr. Bayer & Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Nerve tonic. 164,109; Feb. 13.

Farbenfabriken vorm. Friedr. Bayer & Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Medicine used in the treatment of skin diseases. 164,110; Feb. 13.

Farbenfabriken vorm. Friedr. Bayer & Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Veterinary remedy for application to sores and wounds. 165,791; Mar. 20; Serial No. 163,786; published Jan. 2, 1923.

Farbenfabriken vorm. Friedr. Bayer & Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Veterinary remedy for all sorts of diarrhea. 165,792; Mar. 20; Serial No. 163,785; published Jan. 2, 1923.

Farbenfabriken vorm. Friedr. Bayer & Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Mordants for dyeing and printing. 165,793; Mar. 20; Serial No. 163,782; published Jan. 2, 1923.

Farbenfabriken vorm, Friedr. Bayer & Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Compositions for exterminating moths. 170,038; July 10; Serial No. 173,925; published Apr. 10, 1923.

Farbenfabriken vorm. Friedr. Bayer & Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Vulcanization accelerators. 170,039; July 10; Serial No. 173,926; published Apr. 10, 1923.

Farbenfabriken vorm. Friedr. Bayer & Co., Leverkusen, near Cologne-on-the Rhine, Germany. Antineuralgics. 170,274; July 10; Serial No. 173,923; published Apr. 10, 1923.

Farbenfabriken vorm. Friedr. Bayer & Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Hæmostatics. 170,275; July 10; Serial No. 173,922; published Apr. 10, 1923.

Farbenfabriken vorm. Friedr. Bayer & Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Parasiticides. 170,276–7; July 10; Serial Nos. 173,920–1; published Apr. 10, 1923.

Farbenfabriken vorm. Friedr. Bayer & Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Remedy to be used as a sedative or hypnotic. 172,744; Sept. 11; Serial No. 167,976; published Dec. 26, 1922.

Farber Brothers, New York, N. Y. Silver-plated hollow ware. 175,868; Nov. 13; Serial No. 175,191; published Sept. 4, 1923.

Farbwerke vorm. Meister, Lucius & Brüning, Hochst-on-Main, Germany. Light-yellow powder soluble in water and spirit of wine. 166,240; Mar. 27; Serial No. 165,582; published Nov. 28, 1922.

Farbwerke vorm. Meister, Lucius & Brüning, Hochst-on-Main, Germany. Almost-white powder soluble in water and methyl alcohol which is used for internal and parenteral treatment of polyarthritis, etc. 166,241; Mar. 27; Serial No. 165,583; published Nov. 28, 1922.

Farbwerke vorm. Meister Lucius & Bruning, Hochst-on-the-Main, Germany. Preparations for treatment of fever, polyarthritis, etc. 173,862; Oct. 2; Serial No. 175,078; published July 3, 1923.

Farbwerke vorm. Meister Lucius & Brüning, Hochst-on-the-Main, Germany. Chemical products for industrial, scientific, and photographic purposes. 174,376; Oct. 16; Serial No. 165,584; published July 10, 1923.

Farfaglia, Joseph, & Co., Canastota, N. Y. Cigars and smoking tobacco. 173,954; Oct. 2; Serial No. 176,611; published July 10, 1923.

Faribault Canning Co., Faribault, Minn. Canned sweet corn. 176,540; Nov. 27; Serial No. 182,408; published Sept. 11, 1923.

Farley Harvey Company, The, Boston, Mass. Dry goods. 175,952; Nov. 13; Serial No. 183,204; published Sept. 4, 1923.

Farley Harvey Company, The, Boston, Mass. Dry goods. 177,486; Dec. 18; Serial No. 183,205; published Sept. 25, 1923.

Farley, Vincent J., doing business as How To Make Money Publishing Co., Long Island City, N. Y. Serial monthly magazine. 171,859; Aug. 14; Serial No. 174,564; published May 8, 1923.

Farmelectric Utilities Corporation, Woodberry, Baltimore, Md. Individual lighting plants. 177,736; Dec. 25; Serial No. 182,742; published Sept. 18, 1923.

Farmer and Breeder Company, Sioux Falls, S. Dak. Magazine for farmers and stock raisers. 163,806; Jan. 30.

Farmer, C. H., & Co., New York, N. Y. Bias tape. 163,570; Jan. 23.

Farmers Consolidated and Distributing Co., St. Paul, Minn. Condensed foods, such as powdered ice cream. 163,571; Jan. 23.

Farmers & Planters Company, Salisbury, Md. Fertilizer. 166,222; Mar. 27; Serial No. 168,962; published Nov. 28, 1922.

Farnsworth Mills Inc., The, Central Village, Conn. Woolen piece goods. 174,203; Oct. 9; Serial No. 180,969; published July 17, 1923.

Farnsworth Packing Co., Brooklin, Me. Canned sardines. 177,654; Dec. 25; Serial No. 167,609; published Feb. 27, 1923.

Farny, George W., doing business as Farny Trufood Company, Morris Plains, N. J. Breakfast cereal. 167,474; May 1; Serial No. 166,739; published Jan. 9, 1923.

Farny Trufood Company. (See Farny, George W.)

Farrington, G. B., Co., The, New York, N. Y. Coffee. 168,828; May 29; Serial No. 170,479; published Mar. 13, 1923.

Fasani, Francesco, doing business as Cosmetics Products Co., New York, N. Y. Salve and lotion intended to be used to induce the growth of hair, also for a coconut-oil shampoo. 164,165; Feb. 13.

Fashion Hat Company, New York, N. Y. Ladies', misses', and children's hats and caps. 165,236–7; Mar. 6.

Fashion Hat Company, New York, N. Y. Ladies', misses', and children's hats and caps. 176,032; Nov. 13; Serial No. 179,298; published Aug. 14, 1923.

Fashion Hat Company, New York, N. Y. Ladies', misses', and children's hats and caps. 176,870; Dec. 4; Serial No. 182,373; published Sept. 25, 1923.

Fashion Hat Company, New York, N. Y. Hats and caps. 176,972; Dec. 11; Serial No. 179,299; published Sept. 11, 1923.

Fashion Model Co. (See Levitt, Max.)

Faspray Corporation, Dover, Del., and New York, N. Y. Washing machines for the washing of dishes, bottles, etc. 168,440; May 22; Serial No. 170,974; published Feb. 20, 1923.

Fatuch & Nogaim, El Paso, Tex. Children's, women's, and men's hose. 164,977; Feb. 27.

Faultless Caster Co., Evansville, Ind. Casters. 168,481; May 22; Serial No. 168,463; published Feb. 20, 1923.

Faultless Nightwear Corporation (E. Rosenfeld & Co.) (See Rosenfeld, E., & Co., assignor.)

Faure, Alexandre, New York, N. Y. Automobiles and automobile chassis. 175,006; Oct. 30; Serial No. 178,170; published Aug. 7, 1923.

Favorite Cereals Company, Minneapolis, Minn. Corn flakes. 170,832; July 24; Serial No. 170,058; published Feb. 27, 1923.

Favorite Stove & Range Co., The, Piqua, Ohio. Coal, coke, wood, gas, and oil stoves, ranges, and furnaces. 165,229; Mar. 6; Serial No. 163,511; published Oct. 31, 1922.

Fawcett, Adam L., doing business as Fawcett Chemical Company, Los Angeles, Calif. Automobile cleaning preparation. 167,561; May 1; Serial No. 166,445; published Dec. 26, 1922.

Fawcett, Wilford H., Minneapolis, Minn. Monthly publication. 163,713; Jan. 23.

Fay Hosiery Mills, Inc., Philadelphia, Pa. Hosiery. 173,820; Oct. 2; Serial No. 171,989; published June 26, 1923.

Fayssoux-Brown Remedy Company, Hollister, N. C. Preparation for the treatment of diseases of the blood, stomach, kidneys, and bladder. 167,482; May 1; Serial No. 161,682; published Jan. 2, 1923.

Fazio-Salvatore, New York, N. Y. Olive oil. 166,024; Mar. 27; Serial No. 163,577; published Dec. 5, 1922.

Featheredge Rubber Company, Inc., Chicago, Ill. Rubber sponges and rubber sponge for manufacturing purposes. 167,432; May 1; Serial No. 163,332; published Jan. 30, 1923.

Fedco Sales Company, Jersey City, N. J. Cigarette holders. 168,485; May 22; Serial No. 168,760; published Feb. 20, 1923.

Federal Arch-Lift Manufacturing Company, Boston, Mass. Arch supporters. 168,397; May 22; Serial No. 171,731; published Feb. 20, 1923.

Federal Asbestos Co., The, Milwaukee, Wis. Prepared roofing. 167,614; May 1; Serial No. 148,991; published Jan. 2, 1923.

Federal Cartridge Corporation, The, Minneapolis, Minn. Shotgun shells and cartridges. 169,923; July 3.

Federal Coal Company, Chattanooga, Tenn. Coal. 163,063; Jan. 2.

Federal Electric Company, Chicago, Ill. Phonographs. 166,131; Mar. 27; Serial No. 140,792; published May 30, 1922.

Federal Institute of Radio Telegraphy, Camden, N. J. Electrical apparatus for radiosignaling. 169,245; June 12; Serial No. 170,633; published Feb. 27, 1923.

Federal Knitting Company, Inc., Philadelphia, Pa. Silk and cotton hosiery, and men's crochet and knitted neckwear. 173,446; Sept. 25; Serial No. 173,762; published June 26, 1923.

Federal Manufacturing Co., The, Columbus, Ohio. Brass fittings for gas brackets and cocks, T's, elbows, and gas-range cocks. 167,250; Apr. 24; Serial No. 170,681; published Feb. 6, 1923.

Federal Mercantile Company. (See Solomon, Morris.)

Federal Mill & Elevator Co., Inc., Lockport, N. Y. Wheat flour. 163,572; Jan. 23.

Federal Mill & Elevator Co., Inc., Lockport, N. Y. Wheat flour. 165,084; Mar. 6; Serial No. 158,471; published Oct. 17, 1922.

Federal Mill & Elevator Co., Inc., Lockport, N. Y. Wheat flour. 167,029; Apr. 24; Serial No. 161,680; published Dec. 12, 1922.

Federal Mill & Elevator Co., Inc., Lockport, N. Y. Self-rising flour. 167,382; May 1; Serial No. 166,056; published Jan. 9, 1923.

Federal Motor Truck Company, Detroit, Mich. Automobile trucks. 168,613; May 29; Serial No. 168,924; published Feb. 20, 1923.

Federal Record Corporation, Albany, N. Y. Talking-machine records. 169,107; June 5.

Federal Rubber Company of Illinois, The, Chicago, Ill., and Cudahy, Wis. Casings, tires, hose, tubing, reliners, etc., all made wholly or partly of rubber. 172,277; Aug. 28; Serial No. 170,760; published May 22, 1923.

Federal Rubber Company of Illinois, The, Chicago, Ill., and Cudahy, Wis. Casings and tires made wholly or partly of rubber. 174,552–6; Oct. 23; Serial Nos. 161,416–20; published Oct. 31, 1922.

Federal Rubber Company of Illinois, The, Chicago, Ill., and Cudahy, Wis. Tires made wholly or in part of rubber. 174,896; Oct. 23; Serial No. 178,336; published June 5, 1923.

Federal Rubber Company, The, Cudahy, Wis., assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Casings and tires, reliners, outside and inside tire sleeve repair patches, etc. 169,274; June 12; Serial No. 146,898; published Nov. 22, 1921.

Federal Rubber Company, The, Cudahy, Wis., assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Vehicle tires, packing, inner tubes, etc. 169,275; June 12; Serial No. 146,891; published Nov. 22, 1921.

Federal Rubber Company, The, Cudahy, Wis., assignor to The Rubber Company, Chicopee Falls, Mass. Casings and tires, reliners, outside tire sleeves, repair patches, etc. 169,276; June 12; Serial No. 146,884; published Nov. 22, 1921.

Federal Telephone & Telegraph Co., Buffalo, N. Y. Telephone, telegraph, and radio apparatus. 166,470; Apr. 3; Serial No. 168,106; published Dec. 26, 1922.

Federal Underwear Co., New York, N. Y. Infants' coats. 172,200; Aug. 28; Serial No. 171,837; published May 29, 1923.

Feeser, A. W., doing business as A. W. Feeser & Co., Westminster, Silver Run, and Taneytown, Md. Canned vegetables. 173,850; Oct. 2; Serial No. 174,615; published July 3, 1923.

Fehl, Geo., Blue Ribbon Cigar Co., St. Louis, Mo. Cigars. 168,086; May 15; Serial No. 114,670; published May 9, 1922.

Feinberg, David, Company, doing business as Snappee Co., Chelsea, Mass. Spring covers and grease boots. 174,604; Oct. 23; Serial No. 177,286; published July 17, 1923.

Feinberg, H. S., Company. (See Feinberg, Harry S.)

Feinberg, Harry S., doing business as H. S. Feinberg Company, Brooklyn, N. Y. Ladies' hats. 165,475; Mar. 13; Serial No. 168,107; published Dec. 19, 1922.

Feinburg, David, Company, doing business as The Rubber Company, Chelsea, Mass. Sanitary pillows. 163,316; Jan. 9.

Feinburg, David, Company, doing business as Snappee Co., Chelsea, Mass. Spring covers and grease boots. 173,025; Sept. 11; Serial No. 172,643; published June 5, 1923.

Feinson, David, doing business as American Chemical Laboratories, New York, N. Y. Ready-mixed paint enamel. 163,432; Jan. 9.

Feinson, Joseph M., New York, N. Y. Cravats, mufflers, and men's lounging robes. 173,486; Sept. 25; Serial No. 175,854; published June 12, 1923.

Feist, Max, New York, N. Y. Silk and artificial-silk piece goods, cotton, wool, and combinations thereof. 166,369; Apr. 3; Serial No. 170,059; published Jan. 9, 1923.

Feldbaum & Spiegel, Inc., New York, N. Y. Fur coats, capes, stoles, and fur garments. 171,260; July 31; Serial No. 169,439; published May 8, 1923.

Feldman, Leo H., New York, N. Y. Package outfit. 173,917; Oct. 2; Serial No. 174,517; published July 10, 1923.

Feldt Manufacturing Company, Inc., Jamestown, N. Y. Ash trays, match-box holders. 167,166; Apr. 24; Serial No. 171,532; published Jan. 30, 1923.

Fellner, Louis B., Belleville, Ill. Bread. 170,804; July 24; Serial No. 169,579; published Apr. 3, 1923.

Fellows Medical Manufacturing Company Inc., New York, N. Y. Preparation of hypophosphites. 175,495; Nov. 6; Serial No. 177,836; published Aug. 14, 1923.

Fellsway Rubber Co., Boston, Mass. Rubber tiling. 172,148; Aug. 21; Serial No. 178,338; published May 29, 1923.

Fellsway Rubber Co., Boston, Mass. Rubber pads for use in the textile and other industries. 173,739; Oct. 2; Serial No. 178,337; published June 12, 1923.

Felsenfeld, Jack J., New York, N. Y. Pearls, real and artificial. 174,888; Oct. 23; Serial No. 180,332; published July 10, 1923.

Felt Paper Company. (See Moore, John W.)

Femigloria Laboratories. (See Smith, William R.)

Fendelman Brothers Cap and Hat Manufacturing Company, St. Louis, Mo. Caps for men, women, and children. 173,000; Sept. 11; Serial No. 177,287; published June 5, 1923.

Fenimore, George W., doing business as Fenimore Oil Co., Norristown, Pa. Lubricating oils and greases. 171,508; Aug. 7; Serial No. 165,976; published May 22, 1923.

Fenimore Oil Co. (See Fenimore, George W.)

Fenno, Herbert L., doing business as Holdems Company, Boston, Mass. Fastening devices. 177,117; Dec. 11; Serial No. 181,440; published Sept. 25, 1923.

Fenton, Arthur G., doing business as The Fenton Wholesale Co., Rochester, N. Y. Flavoring extracts, spices, celery seed, etc. 177,577; Dec. 18; Serial No. 177,966; published Oct. 2, 1923.

Fenton, E. B., doing business as Dr. Fenton's Min-er-o Tone Co., Olin, Iowa. Preparations for the treatment of necro-bacillosis, green scours or bowel trouble in swine, etc. 167,841; May 8; Serial No. 168,840; published Feb. 13, 1923.

Féraut, Julien, Sacramento, Calif. Healing salve. 169,603; June 26; Serial No. 171,828; published Mar. 20, 1923.

Ferber, Robert R., assignor to Libby Chemical Company, West Allis, Wis. Medicated capsules for colds, la grippe, etc. 172,545; Sept. 4; Serial No. 173,821; published May 15, 1923.

Ferbert-Schorndorfer Company, The, Cleveland, Ohio. Ready-mixed paints and varnishes. 165,772; Mar. 20; Serial No. 159,698; published Jan. 2, 1923.

Ferguson and Lange Foundry Company, Chicago, Ill. Water-heating apparatus and parts thereof. 173,116; Sept. 18; Serial No. 169,580; published June 12, 1923.

Ferguson, Harry, Evansville, Ind. Plows. 175,186; Oct. 30; Serial No. 175,778; published Aug. 7, 1923.

Ferguson Manufacturing Company, The, Suffolk, Va. Sprayers for spraying vegetation. 172,306; Aug. 28; Serial No. 175,479; published May 29, 1923.

Fermé, Gabriel, Paris, France. Preparation for the treatment of syphilis. 177,750; Dec. 25; Serial No. 179,464; published Oct. 9, 1923.

Fernandez, Cirilo, Milwaukee, Wis. Cigars, cheroots, and cigarettes. 170,240; July 10; Serial No. 174,432; published Apr. 3, 1923.

Fernandez, Philip, doing business as Standard Export Company, Boston, Mass. Leather. 169,064; June 5; Serial No. 171,795; published Mar. 13, 1923.

Ferond, Jules, Co., Inc., New York, N. Y. Preparation for the treatment of the scalp. 176,156; Nov. 20; Serial No. 169,581; published Aug. 14, 1923.

Ferris Bros. Company, The, New York, N. Y. Corsets, corset waists, girdles, belts for bathing purposes, and brassières. 166,048; Mar. 27; Serial No. 168,841; published Jan. 2, 1923.

Ferris Bros. Co., The, New York, N. Y. Corsets, waists, brassières and girdle brassières. 166,861; Apr. 17; Serial No. 163,576; published Jan. 9, 1923.

Ferris Bros. Company, The, New York, N. Y. Corsets, corset waists, and brassières. 176,142; Nov. 20; Serial No. 175,779; published July 31, 1923.

Ferris, John A., New York, N. Y. Periodical issued weekly. 165,250; Mar. 6; Serial No. 169,440; published Dec. 19. 1922.

Fessenden Shirt Co., Inc., The, Kingston, N. Y. Men's dress and negligee shirts. 173,961; Oct. 2; Serial No. 171,491; published July 17, 1923.

Festina Bros., New York, N. Y. Preparation for the treatment of kidney and blood diseases. 175,619; Nov. 6; Serial No. 180,796; published Aug. 14, 1923.

Feuillie, Emile, Paris, France. Culinary salt. 172,543; Sept. 4; Serial No. 173,824; published May 15, 1923.

Fever Nox Company. (See Beveridge, Melvin H.)

Fiat, Turin, Italy. Machines and materials for mine working. 168,920; May 29; Serial No. 150,742; published Mar. 6, 1923.

Fiber-Glass Food Cover Company, Chicago, Ill. Transparent food covers. 176,739; Nov. 27; Serial No. 176,612; published Sept. 11, 1923.

Fibre Package Company, Detroit, Mich. Fiber or corrugated board boxes or containers. 164,322; Feb. 20.

Fibre Specialty Mfg. Co., Kennett Square, Pa.; Boston, Mass.; New York, N. Y.; Philadelphia, Pa.; St. Louis, Mo., and Chicago, Ill. Vulcanized-fiber containers. 176,562; Nov. 27; Serial No. 180,426; published Sept. 18, 1923.

Fiction House, Inc., New York and Long Island City, N. Y. Magazines, books, and stories. 173,120; Oct. 2; Serial No. 155,304; published May 29, 1923.

Fidelity Bond and Mortgage Company, St. Louis, Mo. Bonds and coupons. 163,739; Jan. 23.

Fidelity Pencil Company. (See Hobbs, H. C.)

Fiebrich-Fox-Hilker Shoe Company, Racine, Wis. Shoes made wholly or in part of leather. 170,021; July 10; Serial No. 173,480; published Apr. 3, 1923.

Fiebrich-Fox-Hilker Shoe Company, Racine, Wis. Shoes made wholly or in part of leather. 170,023; July 10; Serial No. 173,481; published Apr. 3, 1923.

Field, Alfred, & Co., Inc., New York, N. Y. Nail and manicure scissors, cuticle and nail nippers, toilet tweezers, etc. 164,543; Feb. 20.

Field, Armstead W., Philadelphia, Pa. Feet warmers. 163,064; Jan. 2.

Field Force Pump Co., Elmira, N. Y. Spray booms. 166,317; Mar. 27.

Field, Guy M., High Point, N. C. Powder to be used in the preparation of salad dressing. 171,230; July 31; Serial No. 171,158; published May 8, 1923.

Field, Samuel B., doing business as Tom's Cove Salt Sea Oyster Co., Chincoteague Island, Va. Oysters in the canned and natural state. 171,343; Aug. 7; Serial No. 173,184; published May 8, 1923.

Field, William C. (See Butler & Clarridge, assignors.)

Fielding Publishing Company, Boston, Mass. Magazine issued monthly. 168,272; May 15; Serial No. 168,522; published Jan. 30, 1923.

Fifth Avenue Corset Company, Inc., The, Allentown, Pa. Corsets, corselettes, and brassières. 176,251; Nov. 20; Serial No. 178,171; published Aug. 28, 1923.

Fifth Avenue Trading Corporation, New York, N. Y. Hair nets. 166,208; Mar. 27; Serial No. 169,204; published Dec. 12, 1922.

Fig-Bit Company, Fresno, Calif. Figs in their natural state. 163,317; Jan. 9.

Filbert-Greer Manufacturing Company, The, assignor to The Tiny Toter Manufacturing Company, Dayton, Ohio. Hand-propelled conveyances for children. 169,241; June 12; Serial No. 165,077; published Mar. 13, 1923.

Fildes, F. P., Inc., Fort Worth, Tex. Weekly periodical. 168,268; May 15; Serial No. 167,807; published Jan. 30, 1923.

Fildes, Frank P., Jacksonville, Fla. Publication. 165,258; Mar. 6; Serial No. 167,843; published Dec. 19. 1922.

Filene's, Wm., Sons Company, Boston, Mass. Trunks, suitcases, pocketbooks, etc. 177,580; Dec. 18.

Filene's, Wm., Sons Company, Boston, Mass. Hair nets. 177,739; Dec. 25; Serial No. 163,147; published Sept. 26, 1922.

Filice & Perrelli Canning Co., Gilroy, Calif. Canned fruits and vegetables. 170,401; July 17; Serial No. 171,534; published Apr. 10, 1923.

Filice & Perrelli Canning Co., Gilroy, Calif. Canned fruits and vegetables. 170,963; July 24.

Filloon, Don B., doing business as Central City Fertilizer Works, Central City, Iowa. Fertilizers and fertilizer compounds. 164,409; Feb. 20.

Fillwett, A., Exterminator Company (Not Inc.), Chicago, Ill. Liquid bug and insect eradicator. 165,431; Mar. 13; Serial No. 165,861; published Dec. 19, 1922.

Fine, M. & Sons, New Albany, Ind. Men's work shirts. 163,573; Jan. 23.

Fine Products Company, The, Pittsburgh, Pa. Pharmaceutical preparation consisting of alcohol. 172,544; Sept. 4; Serial No. 173,822; published May 8, 1923.

Finedge Cutlery Corporation, New York, N. Y. Cutlery. 163,921; Feb. 6.

Fingl, Anton W., doing business as Goos-O-Rubb Co., Chicago, Ill. Preparation for external application for headache, neuralgia, colds, etc. 167,502; May 1; Serial No. 166,504; published Jan. 2, 1923.

Fink, William B., Detroit, Mich. Breakfast cereal. 170,796; July 24; Serial No. 169,968; published Feb. 27, 1923.

Finkelson, Max, New York, N. Y. Boys' blouses. 169,230; June 12; Serial No. 167,351; published Mar. 13, 1923.

Finkelson, Max, doing business as Onyx Blouse Co., New York, N. Y. Boys' blouses. 171,780; Aug. 14; Serial No. 173,041; published May 22, 1923.

Finkelstein, Israel, New York, N. Y. Dresses. 163,840; Jan. 30.

Finkhousen, Frank W., Fort Wayne, Ind. Electrically-operated vacuum brushes. 174,539; Oct. 16.

Finkl, A., & Sons Company, Chicago, Ill. Forgings of steel alloy. 166,414; Apr. 3; Serial No. 168,523; published Jan. 2, 1923.

Finkl, A., & Sons Company, Chicago, Ill. Steel forgings. 175,029; Oct. 30; Serial No. 179,038; published Aug. 7, 1923.

Finkl, A., & Sons Company, Chicago, Ill. Steel forgings. 175,060; Oct. 30; Serial No. 179,189; published Aug. 7, 1923.

Finlayson, Estelle B., New York, N. Y. Face powders and creams, perfumes, toilet waters, rouges, etc. 165,842; Mar. 20; Serial No. 169,541; published Jan. 2, 1923.

Finlayson, Estelle B., New York, N. Y. Hair tonics and shampoos. 165,843; Mar. 20; Serial No. 169,540; published Jan. 2, 1923.

Finlayson, Estelle B., doing business as Estall Company, New York, N. Y. Antiseptic lotion for the treatment of the scalp and skin. 170,008; July 10; Serial No. 172,830; published Apr. 3, 1923.

Finlayson Flax Spinning Co. (See Linen Thread Co., The.)

Finn, J. A., & Co., New York, N. Y. Silk pongee. 168,539; May 29; Serial No. 157,561; published Feb. 27, 1923.

Finn, J. A., & Company, New York, N. Y. Linen piece goods. 177,481; Dec. 18; Serial No. 183,207; published Sept. 25, 1923.

Finnegan, H. L., doing business as Motopower Manufacturing Co., Sioux Falls, S. Dak. Combination of high-grade oils and chemicals designed to be mixed with gasoline for the purpose of intensifying the same. 164,095; Feb. 13.

Finney, F. L., doing business as Ford Beverage Co., Birmingham, Ala. Beverage and sirup and extracts for making same. 172,198; Aug. 21.

Finsilver, Still & Moss, Inc., New York, N. Y. Woolen piece goods. 177,650; Dec. 25; Serial No. 172,589; published Oct. 2, 1923.

Finska Pappersbruksforeningen, Helsingfors, Finland. Printing, wrapping, and writing paper and envelopes. 164,116; Feb. 13.

Finsterwald Clothing Co., Detroit, Mich. Men's suits, overcoats, and trousers. 168,069; May 15; Serial No. 163,790; published Oct. 31, 1922.

Finstick, Lawrence A., doing business as Hi-Way Laboratories, Laporte, Ind. Self-vulcanizing tire patch. 170,094; July 10; Serial No. 169,582; published Apr. 3, 1923.

Fireside Games Company, The, assignor to The United States Playing Card Company, Cincinnati, Ohio. Card games. 168,297; May 15.

Fireside Yarns Company, Philadelphia, Pa. Yarn. 167,050; Apr. 24; Serial No. 161,676; published Feb. 6, 1923.

Firestone-Apsley Rubber Company, Hudson, Mass. Rubber heels, boots, overshoes, sandals, etc. 171,697; Aug. 7.

Firestone Tire and Rubber Company, The, Akron, Ohio. Tires, inner tubes, and accessories. 165,169; Mar. 6; Serial No. 118,262; published Oct. 17, 1922.

Firestone Tire and Rubber Company, The, Akron, Ohio. Shoe soles and heels made of or containing rubber. 166,029; Mar. 27; Serial No. 167,123; published Nov. 7, 1922.

First Aid Specialty Company, Inc., New York, N. Y. Medical and surgical appliances. 172,265; Aug. 28; Serial No. 177,177; published May 29, 1923.

First Texas Chemical Manufacturing Company, Dallas, Tex. Preparation for the treatment of all kinds of chronic bronchitis, phthisis, etc. 174,045; Oct. 2; Serial No. 177,598; published July 10, 1923.

Firth Carpet Company, The, New York, and Firthcliffe, N. Y. Chenille rugs. 177,487; Dec. 18; Serial No. 183,142; published Sept. 25, 1923.

Fischer, Albert C., Chicago, Ill. Self-adhering fabrics for weatherproofing roofs, sidings, and other building structures. 172,499; Aug. 28.

Fischer Brothers Company, Seattle, Wash. Canned fruits, vegetables, and fish, tea, coffee, etc. 176,750; Nov. 27; Serial No. 175,782; published Aug. 14, 1923.

Fischer, G. H., & Co., Glendale, N. Y. Variometers and variocouplers. 172,308; Aug. 28; Serial No. 175,549; published May 29, 1923.

Fischer, G. H., & Co., Glendale, N. Y. Variometers and variocouplers. 175,226; Oct. 30.

Fischer-Jelenko Inc., New York, N. Y. Bath and lounging robes, dressing gowns, smoking jackets, negligees. 177,278; Dec. 11; Serial No. 183,143; published Sept. 25, 1923.

Fishback Co., The, Indianapolis, Ind. Coffee. 166,456; Apr. 3; Serial No. 165,920; published Jan. 16, 1923.

Fisher Body Corporation, Detroit, Mich. Automobile bodies. 170,152; July 10; Serial No. 168,464; published Apr. 3, 1923.

Fisher, Fred, Inc., New York, N. Y. Sheet music and music books. 169,053; June 5; Serial No. 168,577; published Mar. 13, 1923.

Fisher, J. M., Co., Attleboro, Mass. Jewelry. 166,536; Apr. 10; Serial No. 160,490; published Dec. 26, 1922.

Fisher, John A., Dallas, Tex. Wrapping paper, tissue and crepe napkins, writing tablets. 163,318; Jan. 9.

Fisher, Louis H., Cleveland, Ohio. Shoe polish. 175,118; Oct. 30; Serial No. 176,333; published Aug. 7, 1923.

Fisher, William H., doing business as Fisher Manufacturing Co., Brockton, Mass. Mops and mop handles. 170,644; July 17; Serial No. 175,855; published Apr. 17, 1923.

Fisk, George F. (See Fisk, George F., jr., assignor.)

Fisk, George F., jr., doing business as Prophylacto Mfg. Co., Chicago, Ill., assignor to G. F. Fisk, doing business as Prophylacto Mfg. Co. Nasal spray compound. 163,319; Jan. 9.

Fisk, Harvey, et al., executors. (See Estate of Charles J. Fisk.)

Fisk, Katharine, Los Angeles, Calif. Boudoir bandeaux. 168,292; May 15.

Fisk Rubber Company, The. (See Federal Rubber Company, assignor.)

Fisk Rubber Company, The, Chicopee Falls, Mass. Rubber tires for bicycles, carriages, and automobiles. 163,320; Jan. 9.

Fisk Rubber Company, The, Chicopee Falls, Mass. Rubber tires and tubes. 168,118; May 15; Serial No. 155,812; published Jan. 30, 1923.

Fisk Rubber Company, The, Chicopee Falls, Mass. Rubber tires. 170,546; July 17; Serial No. 173,186; published Apr. 24, 1923.

Fisk Rubber Company, The, Chicopee Falls, Mass. Rubber tires. 171,418; Aug. 7; Serial No. 172,416; published May 1, 1923.

Fisk Rubber Company, The, Chicopee Falls, Mass. Vehicle tires and rubber tubes therefor. 172,443; Aug. 28; Serial No. 171,454; published May 29, 1923.

Fiske & Company, Inc., Boston, Mass. Bricks. 173,065; Sept. 11.

Fiske & Company, Inc., Boston, Mass. Bricks. 175,693; Nov. 6.

Fitch Company, The, Youngstown, Ohio. Coffee. 175,938; Nov. 13; Serial No. 174,565; published Sept. 4, 1923.

Fitchburg Machine Works. (See Meteor Mixing Machine Co., assignor.)

Fitts Manufacturing Company, The, Pueblo, Colo. Laundry bluing 164,287; Feb. 20.

Fitzer, Henry C., Logansport, Ind. Medicine for treating high blood pressure, rheumatism, and neuritis. 170,253; July 10; Serial No. 171,160; published Mar. 27, 1923.

Fitzgerald Manufacturing Company, The, Torrington, Conn. Portable electric motors. 166,492; Apr. 3; Serial No. 171,159; published Jan. 9, 1923.

Fitzgerald Manufacturing Company, The, Torrington, Conn. Electrically-operated hair driers, toasters, and waffle irons. 168,417; May 22; Serial No. 172,591; published Feb. 20, 1923.

Fitzgerald Manufacturing Company, The, Torrington, Conn. Electrically-operated vibrators. 168,418; May 22; Serial No. 172,590; published Feb. 20, 1923.

Fitzpatrick, L. A., doing business as The Fitzpatrick Company, Helena, Ark. Preparation for straightening the hair. 175,633; Nov. 6; Serial No. 179,932; published Aug. 21, 1923.

Fitzpatrick, Thomas J., Gloversville, N. Y. Bread. 174,782; Oct. 23; Serial No. 153,036; published July 24, 1923.

Five Brothers Medicine Co. (See Kobylanski, John F.)

Five-in-One Chemical Company, The. (See Bowlus, George G.)

"5 in 1" Letter-Envelope Co., The. (See Benedict, Charles L.)

Five-In-One Manufacturing Co., Dallas, Tex. Hair tonic and shampoo. 176,412; Nov. 27; Serial No. 178,698; published Aug. 14, 1923.

Flach, Louis J., doing business as Continental Glue Co., Cincinnati, Ohio. Adhesive paste. 176,908; Dec. 4.

Flach, Louis J., doing business as Continental Glue Co., Cincinnati, Ohio. Adhesive paste. 176,910; Dec. 4.

Flagg, Albert B., assignor to Flagg Ink Company, Inc., New York, N. Y. Writing fluids. 166,655; Apr. 10; Serial No. 148,139; published Dec. 26, 1922.

Flagg Ink Company. (See Flagg, Albert B., assignor.)

Flako Products Corporation, New Brunswick, N. J. Prepared pastry flour. 167,558; May 1; Serial No. 165,440; published Dec. 12, 1922.

Flamhaft, Harry, doing business as The Royal Perfume Co., Boone, Iowa. Toilet creams. 163,231; Jan. 2.

Flamhaft, Harry, doing business as Royal Perfume Company, New Orleans, La. Toilet creams. 165,548; Mar. 13; Serial No. 149,506; published Nov. 7, 1922.

Flamingo Sugar Mills, Inc., Philadelphia, Pa. Sugar. 177,371; Dec. 18; Serial No. 181,687; published Oct. 2, 1923.

Flanders, A. H., Company, Chicago, Ill. Women's wearing apparel. 173,976; Oct. 2; Serial No. 172,269; published July 17, 1923.

Flannery, John R., Pittsburgh, Pa. Gear shifts and parts thereof for motor vehicles. 171,108; July 31; Serial No. 174,566; published Apr. 24, 1923.

Flapper Novelty Doll Co. (See Worrell, Lola C.)

Flash Chemical Company, Cambridge, Mass. Soap paste. 171,643; Aug. 7.

Flash Chemical Company, Cambridge, Mass. Toilet soap. 173,884; Oct. 2; Serial No. 176,334; published June 12, 1923.

Flashner, Joseph, doing business as Hirsch & Flashner, New York, N. Y. Pearls and artificial pearls. 172,796; Sept. 11; Serial No. 175,138; published June 5, 1923.

Flatopn Binder Company. (See Plushkell, August B.)

Fleckenstein, C. G., Company, Muskegon Heights, Mich. Leather. 166,737; Apr. 10.

Fleckenstein, C. G., Company, Muskegon Heights, Mich. Leather. 166,754–5; Apr. 10.

Fleckenstein, C. G., Co., Muskegon, Mich. Sole leather. 169,814; July 3; Serial No. 167,386; published Apr. 3, 1923.

Fleckenstein, C. G., Company, Muskegon Heights, Mich. Leather. 169,974; July 10; Serial No. 166,362; published Apr. 10, 1923.

Flegle & Saxe, St. Louis, Mo. Chamois. 167,682; May 8; Serial No. 155,678; published Feb. 6, 1923.

Fleischer & Co. (See Fleischer, Joseph.)

Fleischer, Joseph, doing business as Fleischer & Co., New York, N. Y. Hair nets. 163,916; Feb. 6.

Fleischer, Joseph, doing business as Fleischer & Co., New York, N. Y. Silk opera caps. 173,550; Sept. 25.

Fleischer, Joseph S., Brooklyn, N. Y. Sweaters. 169,706; June 26.

Fleischer, Max, New York, N. Y. Moving pictures and animated drawings. 175,288; Nov. 6; Serial No. 148,266; published Nov. 7, 1922.

Fleming & Company Ltd., Gore, Southland, New Zealand. Prepared oat-flour or prepared oatmeal. 176,198; Nov. 20; Serial No. 124,262; published June 21, 1921.

Fleming Doll Company, Kansas City, Mo. Dolls. 165,733; Mar. 20; Serial No. 169,351; published Dec. 19, 1922.

Fleming, E., & Co., Cambridge, Mass. Radio record books. 172,063; Aug. 21; Serial No. 177,552; published May 22, 1923.

Fleming, Harold C., also doing business as Compyrin Laboratories, Cedar Rapids, Iowa. Medicinal compound containing acetylsalicylic acid. 174,943; Oct. 30; Serial No. 178,834; published July 24, 1923.

Fleming, J. A., doing business as Atlanta Bottling Works, Atlanta, Ga. Beverage sold as a soft drink and sirup for making same. 167,107; Apr. 24; Serial No. 169,673; published Jan. 30, 1923.

Fletcher American Company, Indianapolis, Ind. Monthly publication. 170,668; July 17; Serial No. 158,676; published Apr. 24, 1923.

Fletcher, John D., assignor to Ryco Extract Company, Louisville, Ky. Beverage sold as a soft drink. 176,863; Dec. 4; Serial No. 140,791; published Aug. 21, 1923.

Fletcher, Robert, & Son, Limited, Stoneclough, Manchester, England. Paper treated, etc., for making cigarettes. 171,517; Aug. 7; Serial No. 173,412; published May 1, 1923.

Fletcher, Robert, & Son Limited, Stoneclough, Manchester, England. Paper treated, etc., for making cigarettes. 171,518; Aug. 7; Serial No. 173,414; published May 8, 1923.

Fletcher, Robert & Son Limited, Stoneclough, Manchester, England. Paper for use in making cigarettes. 171,519; Aug. 7; Serial No. 173,415; published May 8, 1923.

Flexible Steel Lacing Company, Chicago, Ill. Flexible or hinged belt fasteners. 170,470; July 17; Serial No. 167,870; published Apr. 17, 1923.

Flexible Steel Lacing Company, Chicago, Ill. Guards for electric lamps. 174,428; Oct. 16; Serial No. 179,190; published June 26, 1923.

Flexideal Company, The. (See Wheeler, W. B., Corporation.)

Flexie Toy Company, The, Broadalbin, N. Y. Dolls. 163,321; Jan. 9.

Flexlume Corporation, Buffalo, N. Y. Electrically-illuminated signs. 165,180; Mar. 6; Serial No. 169,629; published Dec. 19, 1922.

Flexlume Corporation, Buffalo, N. Y. Electrically-illuminated signs. 174,765; Oct. 23; Serial No. 169,630; published July 24, 1923.

Flexo Lens Protector Company, Camden, N. J. Flexible rubber lens-supporting gaskets in the headlights of automobiles, etc. 166,134; Mar. 27; Serial No. 143,690; published Nov. 28, 1922.

Flexo Manufacturing Company, Philadelphia, Pa. Rubber heels and arch cushions. 176,835; Dec. 4; Serial No. 181,018; published Sept. 11, 1923.

Flexum Products Company, The, Denver, Colo. Cement preparation used as a substitute for glue or other adhesive. 175,013; Oct. 30; Serial No. 177,600; published Aug. 14, 1923.

Flexus Window Shade Company, Cincinnati, Ohio. Window shades. 165,166; Mar. 6; Serial No. 133,657; published Dec. 5, 1922.

Flint, Dutee W., Oil Company, Incorporated, Providence, R. I. Lubricating oils. 163,879; Feb. 6.

Flint, Howard, Ink Co., Detroit, Mich. Printing and lithographic inks. 166,684; Apr. 10; Serial No. 168,602; published Dec. 26, 1922.

Flint Varnish & Color Works. (See Chicago Varnish Company, assignor.)

Flood & Conklin Company, Newark, N. J. Pyroxylin thinner. 171,213; July 31; Serial No. 178,174; published May 15, 1923.

Flood & Conklin Company, Newark, N. J. Pyroxylin lacquer. 171,551; Aug. 7; Serial No. 178,173; published May 8, 1923.

Florabelle Dressmakers, Inc., New York, N. Y. Outer skirts. 173,960; Oct. 2; Serial No. 171,310; published July 17, 1923.

Floradel Knitting Mills Inc., New Orleans, La. Socks, stockings, hosiery. 176,491; Nov. 27; Serial No. 172,798; published Sept. 18, 1923.

Florasynth Laboratories, New York and Unionport, N. Y. Flavoring extract for foods. 177,204; Dec. 11; Serial No. 179,191; published Sept. 25, 1923.

Florence Knitting Mills. (See Kempner, Louis.)

Florence Manufacturing Company, Florence, Mass.; New York, N. Y.; and Chicago, Ill. Toothbrushes. 23,179; renewed June 6, 1923.

Flores, Rodolfo, doing business as Sana-Cutis (Chemical) Co., Sedalia, Mo. Vanishing face cream and cold cream. 172,742; Sept. 11; Serial No. 168,408; published May 15, 1923.

Florida Citrus Exchange, Tampa, Fla. Fresh citrus fruits. 169,047; June 5; Serial No. 162,105; published Feb. 6, 1923.

Florida Citrus Exchange, Tampa, Fla. Canned citrous fruits. 175,369; Nov. 6; Serial No. 175,719; published Aug. 14, 1923.

Florida Citrus Exchange, Tampa, Fla. Canned citrous fruits, grapefruit. 175,912; Nov. 13; Serial No. 179,862; published Sept. 4, 1923.

Florida Honey Products Co. (See Warnecke, Jacob A.)

Florida Products Company, Inc., New York, N. Y. Maltless carbonated beverages sold as soft drinks. 174,054; Oct. 2; Serial No. 178,032; published July 3, 1923.

Florida Products Company, Inc., New York, N. Y. Marmalade. 176,532; Nov. 27; Serial No. 182,505; published Sept. 11, 1923.

Florida Products Company, Inc., New York, N. Y. Beverages sold as soft drinks. 177,435; Dec. 18; Serial No. 182,506; published Oct. 2, 1923.

Flory, I. L., doing business as Elkton Lithia Bottling Company, Elkton, Va. Ginger ale. 172,231; Aug. 28; Serial No. 174,692; published May 29, 1923.

Fluenzol Proprietary, Ltd., The, Wellington, New Zealand, and New York, N. Y. Medicinal preparation. 176,154; Nov. 20; Serial No. 169,897; published Aug. 28, 1923.

Fluid Chemical Company, Newark, N. J. Washing fluid. 168,865; May 29; Serial No. 166,794; published Mar. 6, 1923.

Fly-Cide Company. (See Chesney, Ernest R.)

Fly-Hike Company, Springfield, Mo. Liquid preparation to prevent annoyance by flies and vermin on live stock. 173,107; Sept. 18; Serial No. 176,959; published June 12, 1923.

Fly, Joel O., doing business as The Fly Manufacturing Co., Shelbyville, Tenn. Work clothing. 177,118; Dec. 11; Serial No. 181,389; published Sept. 11, 1923.

Flynn, Anna D., Beach Bluff, Mass. Candy. 173,985; Oct. 2; Serial No. 178,601; published July 17, 1923.

Flynn, Anna D., Beach Bluff, Mass. Candy. 176,027; Nov. 13; Serial No. 178,602; published July 17, 1923.

Flynn Dairy Company, Des Moines, Iowa. Chocolate-coated ice cream. 168,540; May 29; Serial No. 157,763; published May 23, 1922.

Flynn-Lennon Wall Paper Co., Joliet, Ill. All kinds of wall paper. 165,702; Mar. 20; Serial No. 168,635; published Dec. 19, 1922.

Flynt, J. G., Tobacco Company, Winston-Salem, N. C. Smoking tobacco. 165,752; Mar. 20; Serial No. 170,761; published Dec. 12, 1922.

Foamite-Childs Corporation, Utica, N. Y. Fire-extinguishing apparatus. 174,078; Oct. 2; Serial No. 178,984; published July 3, 1923.

Foamite-Childs Corporation, Wilmington, Del., and Utica, N. Y. Fire-extinguishing apparatus. 175,059; Oct. 30; Serial No. 179,193; published Aug. 14, 1923.

Fogarty Manufacturing Company, The, Dayton, Ohio. Tags. 172,887; Sept. 11; Serial No. 175,783; published June 5, 1923.

Foley & Company, Chicago, Ill. Lemon and vanilla extracts and essence of peppermint flavor. 171,598; Aug. 7; Serial No. 176,262; published May 22, 1923.

Foley & Company, Chicago, Ill. Tooth paste, glycerin, castor oil, essence of peppermint. 172,960; Sept. 11; Serial No. 176,263; published June 12, 1923.

Foley & Company, Chicago, Ill. Hair oils. 172,974; Sept. 11; Serial No. 176,261; published June 12, 1923.

Foley & Company, Chicago, Ill. Talcum powder. 173,472; Sept. 25; Serial No. 176,260; published June 19, 1923.

Foley Food Product Company, Washington, D. C. Food product. 176,853; Dec. 4; Serial No. 175,480; published July 31, 1923.

Foltzer, Charles, doing business as French Swiss Noodle Company, Cincinnati, Ohio. Noodles. 173,352; Sept. 25; Serial No. 166,503; published June 26, 1923.

Fontana Food Products Company, San Francisco, Calif. Macaroni products, canned fruits, vegetables, and fish, evaporated milk, etc. 170,507; July 17; Serial No. 172,872; published Apr. 17, 1923.

Food Products Co., San Francisco, Calif. Canned figs. 170,280; July 10; Serial No. 172,873; published Apr. 17, 1923.

Foot Balm Company. (See Hofer, Louis.)

Foot, Schulze & Co., Dover, Del., and St. Paul, Minn. Men's and women's leather boots and shoes. 177,795; Dec. 25.

Foote, J. Harvey, doing business as Stain-Off Company, Burlington, Vt. Preparation for use in removing discoloration from the teeth. 173,404; Sept. 25; Serial No. 175,856; published June 26, 1923.

Foote & Jenks, Jackson, Mich. Extracts for food-flavoring purposes. 168,389; May 22; Serial No. 169,850; published Feb. 27, 1923.

Foote Mineral Co., Philadelphia, Pa. Radiocrystals. 176,912; Dec. 4.

Forbes, Jas. H., Tea & Coffee Co., St. Louis, Mo. Empty containers for coffee and the like. 171,356; Aug. 7; Serial No. 170,975; published May 15, 1923.

Forbes, Jas. H., Tea & Coffee Co., St. Louis, Mo. Tea. 171,933; Aug. 14.

Forbes Publishing Co., Omaha, Nebr. Blank record books. 168,557; May 29; Serial No. 161,982; published Feb. 20, 1923.

Ford Beverage Co. (See Finney, T. L.)

Ford Chemical Co. (See Henning, M. F.)

Ford & Company, Brooklyn, N. Y. Fruit preserves. 176,978; Dec. 11; Serial No. 179,933; published Sept. 18, 1923.

Ford, E. E., Mfg. Co., New York, N. Y. Fuel control or regulator for a carburetor. 169,240; June 12; Serial No. 172,150; published Mar. 20, 1923.

Ford Flour Company, Inc., Nashville, Tenn. Wheat flour. 165,646; Mar. 13.

Ford Flour Company, Wilmington, Del., and Nashville, Tenn. Wheat flour. 175,677; Nov. 6.

Ford Flour Company, Inc., Wilmington, Del., and Nashville, Tenn. Self-rising flour. 175,700; Nov. 6.

Ford Flour Company, Wilmington, Del., and Nashville, Tenn. Self-rising wheat flour. 176,955; Dec. 11; Serial No. 177,081; published Sept. 4, 1923.

Ford Flour Company, Wilmington, Del., and Nashville, Tenn. Wheat flour. 177,210; Dec. 11; Serial No. 177,601; published Sept. 18, 1923.

Ford & Kendig Co., Philadelphia, Pa. Stopcocks and stop and waste cocks and metal pipe unions. 174,984; Oct. 30; Serial No. 129,592; published Aug. 7, 1923.

Ford Motor Company, Highland Park, Mich. Motor cars. 174,471; Oct. 16; Serial No. 170,014; published July 17, 1923.
Ford, Reginald, New York, N. Y. Luminescent paint. 166,231; Mar. 27; Serial No. 165,189; published Nov. 14, 1922.
Ford, Willard R., doing business as Crescent Co., Jersey City, N. J. Roofing compound. 165.211; Mar. 6; Serial No. 162,730; published Oct. 31, 1922.
Fordyce & Jackson, Bedford, Ind. Chemical preparation for application to windshields. 177,412; Dec. 18; Serial No. 180,756; published Sept. 25, 1923.
Forest City Manufacturing Company, St. Louis, Mo. Ladies' and misses' aprons and house dresses. 173,427; Sept. 25; Serial No. 162,397; published June 26, 1923.
Forgey, Charles L., doing business as Witcherie Laboratory, Detroit, Mich. Face rouge. 167,419; May 1; Serial No. 169,631; published Jan. 9, 1923.
Forkner, J. C., Fig Gardens, Incorporated, The, Fresno, Calif. Jams. 175,346; Nov. 6; Serial No. 171,071; published Aug. 14, 1923.
Forman-Bassett Company, The, Cleveland, Ohio. Paper, both plain and safety, designed for use in business. 168,080; May 15; Serial No. 152,007; published Dec. 26, 1922.
Former Corporation, The. (See Philipsborn's Inc.)
Fornari, Amedeo, assignor to the Firm Fratelli A. A. Fornari, Rome, Italy. Antiseptic disinfectant known as lysine. 166,179; Mar. 27; Serial No. 166,561; published Dec. 5, 1922.
Forney & Co., Inc., New York, N. Y. Diapering in the piece. 168,719; May 29; Serial No. 171,753; published Mar. 6, 1923.
Forquer, Bernard B., doing business as Movie Stars Laboratories, Joliet, Ill. Facial cream and rouge, toilet water, shampoo preparation, etc. 173,966; Oct. 2; Serial No. 159,862; published July 17, 1923.
Forrest Mercerizing Co., Gloucester, N. J. Mercerized yarns. 166,912; Apr. 17; Serial No. 168,213; published Jan. 23, 1923.
Forsbacka Jernverks Aktiebolag, Forsbacka, Sweden. Iron and steel. 164,809; Feb. 27.
Forsch-Summers Co., The. (See Summers, Charles G., & Co.)
Forsinger, J. W., Co., Chicago, Ill. Watches, clocks, watch movements, clock movements, and cases therefor. 164,951; Feb. 27.
Forst Laboratories, Cincinnati, Ohio. Rubbing and massaging alcohol. 172,582; Sept. 11; Serial No. 171,073; published May 8, 1923.
Forst Products Co., Inc., New Orleans, La. Beverage sold as a soft drink and flavoring sirups, etc., used in preparation of the same. 170,289; July 10; Serial No. 176,172; published Apr. 17, 1923.
Forstadt, Jacob, doing business as Apaca Knitting Mills, Philadelphia, Pa. Knitted sweaters, mufflers, golf hose, and bathing suits. 174,996; Oct. 30; Serial No. 172,831; published Aug. 7, 1923.
Forster, Charles D., doing business as "Life Tube Company," Toledo, Ohio. Swimming buoys. 164,913; Feb. 27.
Forster Music Publisher, Inc., Chicago, Ill. Musical publications. 177,628; Dec. 25; Serial No. 182,094; published Sept. 11, 1923.
Forster, Thomas E., doing business as T. E. Forster & Co., Neosho, Mo. Cleaning preparation for bathtubs, sinks, porcelain, marble, etc. 174,099; Oct. 2; Serial No. 134,467; published June 12, 1923.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 165,687; Mar. 20; Serial No. 170,244; published Dec. 26, 1922.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 166,945; Apr. 17; Serial No. 172,217; published Jan. 30, 1923.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 168,772; May 29; Serial No. 173,962; published Mar. 6, 1923.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 170,316; July 10; Serial No. 175,482; published Apr. 3, 1923.
Forstmann & Huffmann Company, assignor to Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 170,653; July 17; Serial No. 169,441; published Apr. 24, 1923.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 172,835; Sept. 11; Serial No. 178,989; published June 5, 1923.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 172,899–900; Sept. 11; Serial Nos. 178,996–7; published June 12, 1923.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 172,910–11; Sept. 11; Serial Nos. 178,993–4; published June 5, 1923.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 172,912; Sept. 11; Serial No. 178,992; published June 5, 1923.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 173,290; Sept. 18; Serial No. 178,988; published June 12, 1923.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 173,291–2; Sept. 18; Serial Nos. 178,990–1; published June 12, 1923.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 173,293; Sept. 18; Serial No. 178,995; published June 12, 1923.
Forstner Chain Corporation, Irvington, N. J. Chains for personal adornment made of or plated with precious metal. 170,715; July 24; Serial No. 139,118; published Apr. 24, 1923.
Ft. Collins Flour Mills, The. (See Colorado Milling & Elevator Company.)
Fort Dearborn Engraving Co., Chicago, Ill. Statements, checks, billheads, purchase orders, etc. 168,698; May 29; Serial No. 166,943; published Mar. 6, 1923.
Fort Dummer Mills, Brattleboro, Vt. Sleeping garments. 164,859; Feb. 27.
Fort Dummer Mills, Brattleboro, Vt. Cotton piece goods. 172,182; Aug. 21.
Fort Howard Paper Company, Green Bay, Wis. Toilet paper, paper napkins, towels, and tablecloths. 165,832; Mar. 20; Serial No. 171,354; published Dec. 26, 1922.
Fort Howard Paper Company, Green Bay, Wis. Toilet paper, paper napkins, towels, and tablecloths. 165,833; Mar. 20; Serial No. 171,356; published Dec. 26, 1922.
Fort Howard Paper Company, Green Bay, Wis. Toilet paper, paper napkins, towels, and tablecloths. 172,017; Aug. 21; Serial No. 171,353; published Jan. 16, 1923.
Fort Howard Paper Company, Green Bay, Wis. Toilet paper, paper napkins, towels, and tablecloths. 172,084; Aug. 21; Serial No. 176,674; published Apr. 10, 1923.
Fort Howard Paper Company, Green Bay, Wis. Toilet paper, paper napkins, towels, and tablecloths. 174,220–1; Oct. 9; Serial Nos. 180,971–2; published July 17, 1923.
Fort Howard Paper Company, Green Bay, Wis. Toilet paper, paper napkins, towels, and tablecloths. 175,159; Oct. 30; Serial No. 180,970; published Aug. 7, 1923.
Fort Howard Paper Company, Green Bay, Wis. Toilet paper, paper napkins, towels, and tablecloths. 175,170; Oct. 30; Serial No. 181,442; published Aug. 7, 1923.
Fort Howard Paper Company, Green Bay, Wis. Toilet paper, paper napkins, towels, and tablecloths. 175,263; Oct. 30.
Fort Howard Paper Company, Green Bay, Wis. Toilet paper, paper napkins, towels, and tablecloths. 175,286; Nov. 6; Serial No. 182,049; published Aug. 21, 1923.
Fort Howard Paper Company, Green Bay, Wis. Toilet paper, paper napkins, towels, and tablecloths. 175,326; Nov. 6; Serial No. 180,758; published Aug. 14, 1923.
Fort Orange Chemical Company. (See Popp, William J.)
Fort Wayne Engineering & Manufacturing Co., Fort Wayne, Ind. Pumping equipment and water systems. 166,819; Apr. 17; Serial No. 166,942; published Jan. 23, 1923.
Fort Worth Drilling Tool Company, Fort Worth, Tex. Cable, drilling tools, rope sockets, bailers, etc. 173,485; Sept. 25; Serial No. 175,857; published June 12, 1923.
Fortuna Water Company. (See Meyer, Edmund.)
Fortune Products Company, Chicago, Ill. Chocolate. 166,254; Mar. 27; Serial No. 164,634; published Dec. 19, 1922.
Fortune Products Company, Chicago, Ill. Macaroni. 177,161; Dec. 11; Serial No. 181,884; published Sept. 25, 1923.
Forzly, Nacle F., New York, N. Y. Knitted underwear for women and children. 163,574; Jan. 23.
Foss, Christian, Tacoma, Wash. Checkerboards. 168,010; May 8.
Foster, Clyde C., doing business as The Nuway Company, Decatur, Ill. Flavoring extracts for food of all kinds. 170,945; July 24; Serial No. 168,027; published Mar. 20, 1923.
Foster Engineering Company, Newark, N. J. Grease cups. 169,329; June 12; Serial No. 174,568; published Mar. 20, 1923.
Foster, Merriam & Company, Meriden, Conn. Metallic piston rings. 163,065; Jan. 2.
Foster, Robert V. (See Reish, George L., assignor.)
Foster, Samuel M., Company, Fort Wayne, Ind. Dresses and waists. 173,685; Oct. 2; Serial No. 178,600; published July 10, 1923.
Foster, Van B., doing business as Fred B. Foster & Company, Los Angeles, Calif. Oil derricks. 176,479; Nov. 27; Serial No. 181,067; published Sept. 18, 1923.
Fostoria Glass Company, Moundsville, W. Va. Table and ornamental glassware and glass toilet articles. 177,291; Dec. 11.
Fougera, E., & Co., New York, N. Y. Toilet powder. 173,104; Sept. 18; Serial No. 177,038; published June 12, 1923.
Fouke Fur Company, St. Louis, Mo. Chemical deodorizing preparation. 172,352; Aug. 28; Serial No. 173,325; published May 15, 1923.
Foundation Sales Corporation, The, New York, N. Y. Shoes made of leather. 168,267; May 15; Serial No. 169,353; published Feb. 20, 1923.
Fountain, Levi W., Philadelphia, Pa. Preparation for removing stains and dirt. 175,016; Oct. 30; Serial No. 177,479; published Aug. 7, 1923.
Four Way Company. (See Munger, Louis de F.)
Fourgees Cotton Mills. (See Hart, John I.)

Fowler, Meynell E., Chicago, Ill. Eggs. 176,862; Dec. 4; Serial No. 168,963; published Sept. 11, 1923.
Fowler & Slater Co., The, Cleveland, Ohio. Photographic prints. 173,682; Oct. 2; Serial No. 178,380; published July 3, 1923.
Fownes Brothers & Co., London, England, assignor to Fownes Brothers & Co. Inc., New York, N. Y. Gloves. 23,017; renewed May 16, 1923.
Fownes Brothers & Co., Gloversville, Amsterdam, and New York, N. Y., assignor, by mesne assignments, to Equitable Trust Company of New York, trustee, New York, N. Y. Gloves made of leather or skins. 173,567–8; Sept. 25.
Fox, Charles K., Inc., Haverhill, Mass. Leather intended for use in boots and shoes. 171,502; Aug. 7; Serial No. 170,575; published May 22, 1923.
Fox, Charles K., Inc., Haverhill, Mass. Boots and shoes of leather. 172,021; Aug. 21; Serial No. 170,574; published May 22, 1923.
Fox Company, The. (See Newton, Carl D.)
Fox Furnace Company, The, Elyria, Ohio. Coal furnaces. 169,918; July 3.
Fox, J. G., Seattle, Wash. Ginger ale. 177,680; Dec. 25; Serial No. 184,967; published Oct. 9, 1923.
Fox, John J., Hancock, Mich. Hair tonic. 172,567; Sept. 11; Serial No. 170,635; published June 26, 1923.
Fox River Paper Company, Appleton, Wis. Writing paper. 164,209; Feb. 13.
Fox River Paper Company, Appleton, Wis. Writing paper. 166,943; Apr. 17; Serial No. 172,328; published Jan. 16, 1923.
Fox River Paper Company, Appleton, Wis. Writing paper. 167,152; Apr. 24; Serial No. 172,418; published Feb. 6, 1923.
Fox River Paper Company, Appleton, Wis. Writing paper. 168,226; May 15; Serial No. 171,990; published Feb. 13, 1923.
Fox River Paper Company, Appleton, Wis. Writing paper. 174,219; Oct. 9; Serial No. 180,975; published July 17, 1923.
Fox River Paper Company, Appleton, Wis. Writing paper. 174,232; Oct. 9; Serial No. 180,533; published July 10, 1923.
Fox River Paper Company, Appleton, Wis. Writing paper. 175,299; Nov. 6; Serial No. 181,688; published Aug. 14, 1923.
Fox, Walter R., Leicester, England. Candy. 163,469; Jan. 16.
Fox, Willard M., Cleveland, Ohio. Ointment for abdominal pains, bronchitis, colds, headaches, etc. 166,142; Mar. 27; Serial No. 157,364; published Oct. 10, 1922.
Foxboro Company, The, Foxboro, Mass. Measuring and scientific appliances. 167,287; Apr. 24.
Francis Manufacturing Co., Niagara Falls, N. Y. Safety pins, toilet pins, snap fasteners, and hooks and eyes. 167,573; May 1; Serial No. 166,674; published Dec. 26, 1922.
Franc, Strohmenger & Cowan, Inc., New York, N. Y. Cravats and scarfs. 163,575; Jan. 23.
Franc, Strohmenger & Cowan, Inc., New York, N. Y. Neckties, cravats, and scarfs. 176,136; Nov. 20; Serial No. 183,105; published Sept. 11, 1923.
Franco-American Baking Co., Los Angeles, Calif. Rolls and bread. 176,463; Nov. 27; Serial No. 176,401; published Aug. 21, 1923.
Francos, Constant C., Manchester, N. H. External application for pneumonia, bronchitis, pleurisy, rheumatism, etc. 164,349; Feb. 20.
Frank, A. B., Company, San Antonio, Tex. Outer work clothes for men and boys. 166,075; Mar. 27; Serial No. 159,310; published Nov. 7, 1922.
Frank, A. B., Company, San Antonio, Tex. Hosiery and sweaters, scarfs, caps, bootees, and knit sets. 173,177; Sept. 18; Serial No. 170,634; published June 19, 1923.
Frank & Company, Savannah, Ga. Knitted underwear, sweaters, hosiery, caps, etc. 175,143; Oct. 30; Serial No. 180,334; published Aug. 14, 1923.
Frank Goetz Bakery Company, The, New Haven, Conn. Biscuits and crackers. 175,684; Nov. 6.
Frank, Jerome, & Co., New York, N. Y. Dresses. 166,702; Apr. 10; Serial No. 167,719; published Jan. 9, 1923.
Frank & Meyer Neckwear Co., St. Louis, Mo. Neckties, cravats, and scarfs. 176,494; Nov. 27; Serial No. 168,465; published Sept. 18, 1923.
Frank, Samuel B. (See Weil, Morton M.)
Franke, Charles A., Little Rock, Ark. Breads, cakes, and pastries. 172,563; Sept. 11; Serial No. 170,762; published May 1, 1923.
Frankel Bros., New York, N. Y. Men's outer clothing. 171,889; Aug. 14; Serial No. 172,469; published May 22, 1923.
Frankenberg, Morgan & Singleton, New York, N. Y. Woolen cloth. 174,804; Oct. 23; Serial No. 180,659; published July 31, 1923.
Frankfurt, Saul E., Cleveland, Ohio. Sanitary napkins and aprons. 174,973; Oct. 30; Serial No. 155,878; published Aug. 14, 1923.
Franklin-Caro Company, Inc., Richmond, Va. Chewing gum. 173,620; Oct. 2; Serial No. 101,984; published July 3, 1923.
Franklin, Charles, Boston, Mass. Sweaters and bathing suits. 177,321; Dec. 18; Serial No. 180,117; published Oct. 2, 1923.
Franklin Ice Cream Company, Kansas City, Mo. Ice cream. 176,278; Nov. 20; Serial No. 178,437; published Aug. 21, 1923.
Franklin Knitting Mills, Inc., New York, N. Y. Knitted sweaters, vests, coats, cloaks, capes, suits, etc. 165,300; Mar. 6; Serial No. 163,625; published Nov. 14, 1922.
Franklin Knitting Mills, Inc., New York, N. Y. Knitted scarfs and bow ties. 172,958; Sept. 11; Serial No. 175,238; published June 5, 1923.
Franklin Knitting Mills, Inc., New York, N. Y. Knitted cloth or fabric. 175,242; Oct. 30.
Franklin Paint Company, The, Cleveland, Ohio. Asbestos liquid roof coating in the nature of a paint. 172,374; Aug. 28; Serial No. 158,038; published Oct. 3, 1922.
Franklin Railway Supply Company, New York, N. Y. Auxiliary engines for locomotives. 175,753; Nov. 13; Serial No. 166,825; published July 3, 1923.
Franklin Shoe Manufacturing Co., Lynn, Mass. Leather footwear. 164,220; Feb. 13.
Franklin Silver Plate Company, Greenfield, Mass. Tableware, scissors, shoehorns, buttonhooks, buffers, etc. 167,680; May 8; Serial No. 147,872; published Feb. 6, 1923.
Franklin Simon & Co. Inc., New York, N. Y. Face and talcum powders, perfume. 169,579; June 26; Serial No. 160,185; published Mar. 6, 1923.
Franklin Williams, Inc., of N. J., Newark, N. J. Striker plates and locks. 167,279; Apr. 24; Serial No. 143,524; published Jan. 30, 1923.
Frasca, Agostino, Jersey City, N. J. Face and skin wash. 164,483; Feb. 20.
Fraser Milk Products Co., Inc., Fraser, N. Y. Powdered milk and baby foods. 173,375; Sept. 25; Serial No. 177,480; published July 10, 1923.
Fraser, Warren F., Company, Westboro, Mass. Piston pins. 166,650; Apr. 10; Serial No. 161,001; published Jan. 9, 1923.
Frasse, Peter A., & Co., Inc., New York, N. Y. Rust remover and pickling compound for metals. 177,179; Dec. 11; Serial No. 180,853; published Sept. 11, 1923.
Fratelli A. A. Fornari. (See Fornari, Amedeo, assignor.)
Frazar & Company, San Francisco, Calif. Canned fruits and vegetables. 176,718; Nov. 27; Serial No. 183,371; published Sept. 18, 1923.
Frazer, Stuart F., Pittsburgh, Pa. Roofing materials. 173,112; Sept. 18; Serial No. 171,417; published June 12, 1923.
Frechie, Joseph E., & Co., Inc., Philadelphia, Pa. Electric-lighting fixtures. 164,697; Feb. 27.
Fred Pabst Company, Milwaukee, Wis. Metal pipe nipples. 176,486; Nov. 27; Serial No. 180,718; published Sept. 18, 1923.
Frederick City Packing Company, Inc., The, Frederick, Md. Canned vegetables. 172,067; Aug. 21; Serial No. 177,372; published May 29, 1923.
Frederick Piano Company, New York, N. Y. Pianofortes, pianos, and phonographs. 175,798; Nov. 13; Serial No. 179,594; published Aug. 21, 1923.
Fredericks, Charles, Brooklyn, N. Y. Fishing hooks and leaders. 167,165; Apr. 24; Serial No. 171,492; published Jan. 23, 1923.
Fredericksburg Brewing Company. (See Wielands Incorporated.)
Fredericksen Company, Saginaw, Mich. Bearing metal, packing metal, brass castings, and bronze castings. 171,832; Aug. 14; Serial No. 175,925; published May 15, 1923.
Fredrickson Brothers, Cassadaga, N. Y. Churns. 171,711; Aug. 14; Serial No. 155,813; published May 22, 1923.
Free & Klinck, Inc., Brooklyn, N. Y. Canned fruits and vegetables. 175,532; Nov. 6; Serial No. 181,020; published Aug. 21, 1923.
Free & Klinck, Inc., Brooklyn, N. Y. Canned fruits and vegetables. 177,173; Dec. 11; Serial No. 181,019; published Sept. 25, 1923.
Freedman, Abraham, doing business as Fresco Rubber Company, Troy, N. Y. Rubber heels for shoes. 165,732; Mar. 20; Serial No. 169,290; published Dec. 19, 1922.
Freedman, Benjamin S. Co., Scranton, Pa. Hair nets and veils. 163,471; Jan. 16.
Freedman Bros., Atlantic City, N. J. Tub butter. 171,905; Aug. 14.
Freedman, Israel L., New York, N. Y. Coats for men, women, and children. 168,212; May 15; Serial No. 150,009; published Jan. 30, 1923.
Freeman Daughaday Co., doing business as Providence Collar Button Company, Chartley, Mass., and Providence, R. I. Collar buttons. 169,739; June 26.
Freeman, Miller, New York, N. Y. Monthly publication. 172,090; Aug. 21; Serial No. 176,892; published May 22, 1923.
Freeman, Ralph D., doing business as The Savol Co., Cleveland, Ohio. Enamel finish. 176,666; Nov. 27; Serial No. 182,205; published Sept. 18, 1923.
Freeman's Foods, Limited, Watford, England. Powders for making lemonade. 171,319; Aug. 7; Serial No. 168,147; published Apr. 24, 1923.

Frees, H. E., Co., The, Chicago, Ill. Citrate of magnesia. 169,848; July 3; Serial No. 172,871; published Mar. 13, 1923.

Freezerator Co., The, Detroit, Mich. Artificial refrigerating apparatus for household use. 170,119; July 10; Serial No. 163,512; published Apr. 3, 1923.

Freiberger, Moritz, Charlottenburg, near Berlin, Germany. Heterocylic compounds. 170,086; July 10; Serial No. 168,258; published Apr. 3, 1923.

Fremont, Jessie, New York, N. Y. Children's rompers and play clothes. 164,773; Feb. 27.

French American Pharmacal Co., The. (See Deutsch, Morris.)

French Fibre Co., Inc., The, New York, N. Y. Electric-lamp stands and bases. 168,549; May 29; Serial No. 159,748; published Feb. 20, 1923.

French, Harry C., Cleveland, Ohio. Oilproof fabric gloves, jumpers, and aprons. 163,066; Jan. 2.

French Ivory & Metal Corp., Providence, R. I. Cigarette cases of precious metal. 166,549; Apr. 10; Serial No. 132,522; published Dec. 26, 1921.

French Mfg. Co. (See Smuckler, K.)

French, Noyes E., Boston, Mass. Beverages sold as soft drinks and sirups used in preparation of same. 175,206; Oct. 30; Serial No. 181,743; published Aug. 7, 1923.

French Swiss Noodle Company. (See Foltzer, Charles.)

Fresco Rubber Company. (See Freedman, Abraham.)

Freshman, Chas., Company Incorporated. (See Harriman Radio Manufacturing Corporation, assignor.)

Fretz, Gross & Co., Philadelphia, Pa. Umbrellas and parasols and frames thereof. 164,565; Feb. 20.

Freudenberger, Robert L., Cleveland, Ohio. Lubricating oils and greases. 163,740; Jan. 23.

Freukel, L. & E., Inc., New York, N. Y. Flours—namely, wheat and semolinas. 172,767; Sept. 11; Serial No. 174,433; published June 5, 1923.

Freund, Freund & Company, New York, N. Y. Nankins and tickings in the piece. 174,902; Oct. 23; Serial No. 178,835; published July 31, 1923.

Freund, Henry, Houston, Tex. Power whistles. 173,696; Oct. 2; Serial No. 177,289; published June 19, 1923.

Frey, Henry R., doing business as Chemical Fire Apparatus Company, Portland, Oreg. Dry-powder tube fire extinguishers. 166,449; Apr. 3; Serial No. 166,289; published Jan. 2, 1923.

Frico Products Corporation, Buffalo, N. Y. Windshield cleaners. 165,754–5; Mar. 20; Serial Nos. 170,911–12; published Jan. 2, 1923.

Fricotelle et Cie., Paris, France. Paper for cigarettes. 165,590; Mar. 13; Serial No. 147,774; published Dec. 19, 1922.

Fried. Mendelson & Co., New York, N. Y. Silk, silk and cotton mixed, and cotton piece goods. 167,892; May 8; Serial No. 168,148; published Feb. 13, 1923.

Fried & Gotthelf, Vicksburg, Miss. Nonalcoholic, maltless beverages sold as soft drinks. 166,742; Apr. 10.

Friedlaender, Oscar O., Co., New York, N. Y. Illuminating glassware. 173,232; Sept. 18; Serial No. 173,280; published June 12, 1923.

Friedlander, Percy, and A. Solomon, Chicago, Ill. Hosiery. 174,347; Oct. 16; Serial No. 141,265; published Mar. 14, 1922.

Friedman, B., New York, N. Y. Boots, shoes, slippers, and sandals. 169,412; June 12.

Friedman Bros. & Sons Neckwear Co. Inc., New York, N. Y. Ties, cravats. 177,550; Dec. 18; Serial No. 183,144; published Oct. 9, 1923.

Friedman Bros. & Sons Neckwear Co. Inc., New York, N. Y. Ties, cravats. 175,023; Oct. 30; Serial No. 177,290; published Aug. 7, 1923.

Friedman Bros. & Sons Neckwear Co., Inc., New York, N. Y. Ties, cravats, four-in-hand ties, and bow ties. 175,854; Nov. 13; Serial No. 176,402; published Aug. 21, 1923.

Friedman Bros. & Sons Neckwear Co. Inc., New York, N. Y. Ties, cravats, four-in-hand ties, and bow ties. 176,473; Nov. 27; Serial No. 181,271; published Sept. 18, 1923.

Friedman, H., Hat Co., Inc., New York, N. Y. Men's hats. 169,407; June 12.

Friedman, H., Hat Co. Inc., New York, N. Y. Men's hats. 171,694; Aug. 7.

Friedman, Ike K., doing business as The Kateela Company, Fort Worth, Tex. Beverages sold as soft drinks and sirups for making the same. 164,533; Feb. 20.

Friedman-Kerr Co., The, Chicago, Ill. Candy. 168,606; May 29; Serial No. 168,714; published Feb. 13, 1923.

Friedman & Krieger, New York, N. Y. Cotton fabrics. 173,369; Sept. 25; Serial No. 179,528; published July 3, 1923.

Friedman, Samuel A., Schenectady, N. Y. Ladies' hats, caps, and waists. 174,999; Oct. 30; Serial No. 172,669; published Aug. 7, 1923.

Friedrich-Friedrich Chemical Company, Philadelphia, Pa. Shampoos. 168,030; May 8.

Friedrich, John, Philadelphia, Pa. Ginger ale, sarsaparilla, and root beer. 177,685; Dec. 25; Serial No. 184,817; published Oct. 9, 1923.

Friedrich, Johannes, doing business as L. Perlmann, Leipzig, Germany. Knives and scissors. 166,822; Apr. 17; Serial No. 166,444; published Jan. 23, 1923.

Friend Brothers, Melrose, Mass. Bread, cake, pies, canned puddings, and mincemeat, etc. 172,747; Sept. 11; Serial No. 167,518; published May 1, 1923.

Friend Brothers Company, Sioux City, Iowa. Waterproofed fibrous sheet roofing. 165,155; Mar. 6; Serial No. 151,155; published Oct. 17, 1922.

Fries, Beall & Sharp Co., Inc., Washington, D. C. Black, corrugated, and galvanized iron. 164,529; Feb. 20.

Fries, Beall & Sharp Co., Inc., Washington, D. C. Roof and ready-mixed paint. 167,943; May 8; Serial No. 169,584; published Feb. 13, 1923.

Fries, Beall & Sharp Co., Inc., Washington, D. C. Stove boards and conductor pipe. 167,944; May 8; Serial No. 169,585; published Feb. 13, 1923.

Fries, Beall & Sharp Co. Inc., Washington, D. C. Asphalt shingles, cements, plaster, roofing, etc. 168,384; May 22; Serial No. 169,583; published Feb. 13, 1923.

Fries, Beall & Sharp Co. Inc., Washington, D. C. Coal ranges and stoves, wood and gas stoves, and pipeless furnaces. 169,198; June 12; Serial No. 169,587; published Mar. 13, 1923.

Fritz, Edward B., Chicago, Ill. Monthly educational journal. 169,062; June 5; Serial No. 171,634; published Mar. 13, 1923.

Fritz Mann Feinmaschinen-, Waffen- u. Werkzeugfabrik, Neundorf, near Suhl, Germany. Hand-loading, semi-automatic, and automatic guns, rifles, carbines, pistols, etc. 163,942; Feb. 6.

Fritz Radiator Cement Co., Rhineland, Mo. Product to be used in stopping leaks in cooling systems of automobiles, etc. 174,050; Oct. 2; Serial No. 177,663; published July 10, 1923.

Frolaset Corset Co., Detroit, Mich. Corsets, corset waists, brassières, bandeaux, etc. 175,022; Oct. 30; Serial No. 177,291; published Aug. 14, 1923.

Frolaset Corset Co., Detroit, Mich. Corsets, brassières, girdles, etc. 176,019; Nov. 13; Serial No. 177,180; published Aug. 28, 1923.

Fromm, Frank H., doing business as F. H. Fromm & Company, Philadelphia, Pa. Canned sardines. 169,285; June 12; Serial No. 159,747; published Mar. 27, 1923.

Fromm, Frank H., doing business as F. H. Fromm & Company, Philadelphia, Pa. Canned fish. 173,823; Oct. 2; Serial No. 172,329; published May 15, 1923.

Fronk, Henrietta C., Schenectady, N. Y. Ointment for the treatment of rheumatism, sprains, sores, etc. 170,543; July 17; Serial No. 173,281; published May 1, 1923.

Frontier Elevator & Mill Company, Buffalo, N. Y. Wheat flour. 165,374; Mar. 6; Serial No. 160,338; published Nov. 14, 1922.

Frontier Elevator & Mill Co., Buffalo, N. Y. Wheat flour. 177,052; Dec. 11; Serial No. 180,276; published Sept. 25, 1923.

Frontier Manufacturing Company, North Tonawanda, N. Y. Lubricating and cutting oils and greases. 166,202; Mar. 27; Serial No. 170,879; published Dec. 19, 1922.

Frontier Manufacturing Company, North Tonawanda, N. Y. Lubricating and cutting oils and greases. 166,360; Apr. 3; Serial No. 170,878; published Dec. 19, 1922.

Frontier Merchandising Corporation, Buffalo, N. Y. Fried cakes. 165,561; Mar. 13; Serial No. 156,523; published Oct. 31, 1922.

Frosst, Charles E., & Co., Montreal, Quebec, Canada. Monoaceticacidester of salicylicacid or acid acetyl salicylic. 163,498; Jan. 16.

Frost, Herbert H., Chicago, Ill. Radioreceivers. 173,074; Sept. 11.

Frost, Jack, Sales Agency, Chicago, Ill. Ice-cream cones. 169,530; June 19; Serial No. 166,299; published Mar. 20, 1923.

Frost, Lorenzo S., doing business as L. S. Frost, Cambridge, Mass. Metal material for portable buildings and metal for doors and locks. 173,093; Sept. 18; Serial No. 177,665; published June 12, 1923.

Frost, Samuel, New York, N. Y. Portable and non-portable electrical lamps. 169,264; June 12; Serial No. 155,999; published Sept. 26, 1922.

Frost Superior Fence Co., The, Warren, Ohio. Vegetable crutch. 175,026; Oct. 30; Serial No. 179,143; published Aug. 14, 1923.

Frostilla Company, The. (See Shoemaker, Flora H.)

Frozen Fruit, Inc., Harrisburg, Pa. Candy. 175,817; Nov. 13; Serial No. 159,088; published Aug. 14, 1923.

Fruhauf Bros. & Co., New York, N. Y. Men's and young men's outer garments. 174,836; Oct. 23; Serial No. 176,460; published Aug. 7, 1923.

Fruhauf Bros. & Co., New York, N. Y. Men's and young men's overcoats and suits. 175,115; Oct. 30; Serial No. 176,736; published Aug. 14, 1923.

Fruitora Products Company, Eureka Springs, Ark. Chewing gum. 164,089; Feb. 13.

Fruit Valley Corporation, Rochester, N. Y. Food product. 164,661–2; Feb. 27.

Frutrite Products Company, Los Angeles, Calif. Jams, jellies, marmalades, fruit preserves, and butters, etc. 167,697; May 8; Serial No. 166,991; published Feb 20, 1923.

Fry Bros. Company, The, Cincinnati, Ohio. Laundry bags of net material. 175,920; Nov. 13; Serial No. 180,277; published Sept. 4, 1923.

Fuchs, Joseph J., doing business as Tourists Pride Mfg. Co., Minneapolis, Minn. Inner-tube repair patches. 170,601; July 17; Serial No. 132,601; published Apr. 17, 1923.

Fuchs & Lang Manufacturing Company, The, New York, N. Y., and East Rutherford, N. J. Printing and lithographic inks. 163,472; Jan. 16.

Fuerth, Gustave J., & Co., New York, N. Y. Furs, skins, and peltries. 168,654; May 29; Serial No. 165,864; published Jan. 2, 1923.

Fuhrman, O., Inc., New York, N. Y. Leather shoes and storm rubbers. 172,821; Sept. 11; Serial No. 170,741; published June 5, 1923.

Fulcra-Tan Company, assignor to Geltan Company, New York, N. Y. Tanning materials. 174,695; Oct. 23; Serial No. 180,118; published July 31, 1923.

Fuld Brothers, New York, N. Y. Woolen and cotton blankets. 172,933; Sept. 11; Serial No. 165,132; published Aug. 1, 1922.

Fuld, William, Baltimore, Md. Talking boards. 164,563; Feb. 20.

Fuld, William, Baltimore, Md. Figure toys. 171,003; July 31; Serial No. 176,961; published May 15, 1923.

Fulghum & Company, Los Angeles, Calif. Paint oils. 163,741; Jan. 23.

Fulghum & Company, Los Angeles, Calif. Hair nets. 167,456; May 1; Serial No. 168,029; published Feb. 13, 1923.

Fulghum & Company, Los Angeles, Calif. Hair nets. 171,162; July 31; Serial No. 176,613; published May 1, 1923.

Fulghum & Company, Los Angeles, Calif. Hair nets. 176,101; Nov. 13.

Fuller Brush Company, The, Hartford, Conn. Periodical published monthly. 163,067; Jan. 2.

Fuller Brush Company, The, Hartford, Conn. Brush-holding racks to receive whisk brooms, and other clothes brushes, toothbrushes, holding racks, etc. 163,742; Jan. 23.

Fuller, W. P., & Co. (See Whittier, Fuller & Co., assignor.)

Fulton Smoked Fish Co., Chicago, Ill. Smoked fish. 171,592; Aug. 7; Serial No. 176,117; published May 22, 1923.

Funk & Wagnalls Company, New York, N. Y. Moving-picture films. 164,071; Feb. 13.

Funke, Edward, doing business as Near East Trading Co., New York, N. Y., assignor to Valley of the Kings Corporation, New York, N. Y. Cigarettes. 170,999–171,000; July 31; Serial Nos. 177,553–4; published July 31, 1923.

Furgerson, Henry B., M. D., doing business as Furgerson Drug Co., Halifax, N. C. Dog and puppy tonic, antiseptic tablets, and blood pills. 176,052; Nov. 13; Serial No. 180,597; published Aug. 7, 1923.

Furnaseal Mfg. Co., Chicago, Ill. Refractory cements and protective plaster coatings. 175,802; Nov. 13; Serial No. 179,405; published Sept. 4, 1923.

Futrell, Cicero F., Conway, N. C. Preparation for the treatment of piles. 174,066; Oct. 2; Serial No. 178,500; published July 10, 1923.

G. B. Borsalino Fu Lazzaro & C., Alessandria, Italy. Men's hats. 166,864; Apr. 17; Serial No. 163,136; published Jan. 9, 1923.

G. C. A. Manufacturing Company, The, Pittsfield, Mass. Apparatus for installing and removing electric-light bulbs, lamp sockets, etc. 170,243; July 10; Serial No. 174,570; published Apr. 3, 1923.

G. F. H. Corporation, The, Denver, Colo. Gas, gasoline, oil, and steam tractors. 167,266; Apr. 24; Serial No. 152,919; published Feb. 6, 1923.

G & H Products Co. (See Gleich, Valentine A.)

G & W Electric Specialty Co., Chicago, Ill. Single and multiple conductor potheads, high and low tension potheads, cable-end bells, etc. 166,578; Apr. 10; Serial No. 171,638; published Jan. 9, 1923.

Gabbe, Herman, & Bro., Inc. New York N. Y. Raw skins and furs. 166,301; Mar. 27.

Gabbola, Raffaele, New York, N. Y. Salve for burns, scalds, and sunburn. 167,559; May 1; Serial No. 165,284; published Jan. 2, 1923.

Gabel Brothers, Garnerville, N. Y. Stove polish. 175,987; Nov. 13; Serial No. 150,895; published July 31, 1923.

Gabilla, Henriette, Paris, France. Toilet preparations. 163,068; Jan. 2.

Gabriel, C. O., & Sons, Columbus Junction, Iowa. Preparation for removing rust. 177,707; Dec. 25; Serial No. 164,161; published Oct. 9, 1923.

Gaffey, John T., doing business as Mah Juck Mfg. Co., San Pedro, Calif. Racks used in connection with the game Mah Juck. 171,043; July 31; Serial No. 174,770; published May 15, 1923.

Gaffney, Romeo, Coffeyville, Kans. Blood, liver, and system tonic. 177,172; Dec. 11; Serial No. 181,068; published Sept. 18, 1923.

Gage Brothers & Company, Chicago, Ill. Ladies' hats. 165,609; Mar. 13; Serial No. 167,125; published Dec. 12, 1922.

Gage Brothers & Company, Chicago, Ill. Ladies' hats. 166,817; Apr. 17; Serial No. 167,124; published Jan. 9, 1923.

Gagnier, George E., doing business as Gagnier Trimming Supply Co., Detroit, Mich. Fiber board and automobile panel material. 177,552–3; Dec. 18; Serial Nos. 183,107–8; published Oct. 2, 1923.

Gagnon, William, Boston, Mass. Lubricating oils and greases. 164,531; Feb. 20.

Galban, Lobo Co., S. A., Habana, Cuba. Wheat flour. 166,984; Apr. 17.

Galbraith, Leslie P., Pueblo, Colo. Lubricating material in the nature of oils and greases. 165,841; Mar. 20; Serial No. 169,397; published Jan. 2, 1923.

Galbraith, Leslie P., Pueblo, Colo. Chemically-treated cleaning cloths for furniture, automobiles, etc. 168,048; May 15; Serial No. 169,398; published Feb. 6, 1923.

Galbrun, Eugene, Paris, France. Organic solution of iron and manganese combined with peptones for anæmia, etc. 175,534; Nov. 6; Serial No. 180,854; published Aug. 28, 1923.

Galbrun, Eugene, Paris, France. Solution containing peptone and iodine. 175,616; Nov. 6; Serial No. 180,855; published Aug. 14, 1923.

Gale Shoe Manufacturing Co., Boston, Mass. Leather boots and shoes. 171,733; Aug. 14; Serial No. 170,061; published Jan. 30, 1923.

Galef, Jacques L., New York, N. Y. Shotguns and parts thereof. 166,585; Apr. 10; Serial No. 162,876; published Jan. 30, 1923.

Galena Oil Works, assignor to Galena-Signal Oil Company, Franklin, Pa. Lubricating oil. 23,968; renewed Jan. 2, 1924.

Galeton Dairy Products Company, Galeton, Pa. Butter. 176,843; Dec. 4; Serial No. 177,837; published Aug. 21, 1923.

Galewski, A., & Sons, Inc., New York, N. Y. Traveling bags, brief cases, and trunks. 165,184; Mar. 6; Serial No. 168,678; published Dec. 12, 1922.

Galla, Frances, Chicago, Ill. Salve for treating bruises, cuts, wounds, for external use only. 165,503; Mar. 13; Serial No. 166,070; published Nov. 7, 1922.

Gallagher, James T., doing business as Edith Frances, Miami, Fla. Deodorant. 170,740; July 24; Serial No. 174,239; published Apr. 24, 1923.

Gallagher, John F., Chicago, Ill. Preparation used for the destruction and eradication of lice, insects, and other vermin. 176,234; Nov. 20; Serial No. 158,169;

Gallagher, Owen V., doing business as Mentho Relief Company, Denver, Colo. Salve. 170,075; July 10; Serial No. 166,227; published Mar. 27, 1923.

Gallagher, Thomas F., doing business as Gallagher Bros., Chicago, Ill. Butter. 176,865; Dec. 4; Serial No. 159,466; published Sept. 11, 1923.

Gallaher, Ltd., Belfast, Ireland. Smoking tobacco, cigarettes, cigars, and snuff. 164,811; Feb. 27.

Gallerani, Alexander, Company, Pittsburgh, Pa. Macaroni and similar alimentary paste. 165,799; Mar. 20; Serial No. 162,170; published Dec. 26, 1922.

Gallerani, Alexander, Company, Pittsburgh, Pa. Macaroni and similar alimentary pastes. 163,322; Jan. 9.

Gallotti, Frederick T., doing business as Brazilian Coffee Co., New York, N. Y. Coffee. 171,703; Aug. 7.

Gallun, A. F., & Sons Co., Milwaukee, Wis. Leather. 176,890; Dec. 4.

Galtra Manufacturing Co. (See Dutra, John F.)

Gambinossi, Dante, New York, N. Y. Candy. 175,120; Oct. 30; Serial No. 176,265; published Aug. 14, 1923.

Gamble, Helen C., New Brunswick, N. J. Hat bags. 171,218; July 31; Serial No. 177,664; published May 15, 1923.

Gamble, Josephine, Oakland, Calif. Pile salve. 164,455; Feb. 20.

Gandy Belting Company, The, Baltimore, Md. Publication issued at irregular intervals. 169,082; June 5; Serial No. 173,042; published Feb. 27, 1923.

Garbarini, André, Courbevoie, France. Portable heating apparatus. 172,616; Sept. 11; Serial No. 165,750; published June 5, 1923.

Garden City Company, Indianapolis, Ind. Plant foods and fertilizers. 163,069; Jan. 2.

Garden State Distributing Co., Newark, N. J. Mayonnaise, salad oil, white and cider vinegar, and mustard. 164,053; Feb. 13.

Gardiner & Lewis, Inc., New York, N. Y. Waterproofing material for textile fabrics. 163,070; Jan. 2.

Gardiner & Lewis, Inc., New York, N. Y. Asphaltic paints used for waterproofing buildings, expansion joints, etc. 167,676; May 8; Serial No. 141,367; published Feb. 13, 1923.

Gardiner-Lucas Co. Inc., The. Round sugar drops of candy. 163,323; Jan. 9.

Gardiner Manufacturing Co., Inc., Niagara Falls, N. Y. Washing solution. 163,782; Jan. 30.

Gardner Broom Co., Amsterdam, N. Y. Brooms, whisk brooms, floor brushes. 165,541; Mar. 13; Serial No. 160,124; published Dec. 19, 1922.

Gardner, Henry A., Washington, D. C. Waterproofing plastic compositions for roads and cement constructions. 167,648-9; May 8; Serial Nos. 168,524–5; published Jan. 9, 1923.

Gardner, Henry A., Paint Co., Washington, D. C. Dry and ready-mixed paints and varnishes. 165,020; Feb. 27.

Gardner, P. A., Leather Works, Inc., St. Louis, Mo. Cardcases. 177,797; Dec. 25.

Garfield Worsted Mills, Garfield, N. J. Knitted woolen piece goods. 174,899; Oct. 23; Serial No. 178,604; published July 31, 1923.

Garfinkle, Julius, doing business as Julius Garfinkle & Co., Washington, D. C. Hair nets. 171,560; Aug. 7; Serial No. 177,373; published May 1, 1923.

Garfinkle, Julius, doing business as Julius Garfinkle & Co., Washington, D. C. Suits, dresses, skirts, waists, etc. 173,383; Sept. 25; Serial No. 174,362; published July 10, 1923.

Garfinkle, Julius, doing business as Julius Garfinkle & Co., Washington, D. C. Ladies' and misses' silk and cotton underwear of textile fabric. 175,068; Oct. 30; Serial No. 170,814; published Aug. 7, 1923.

Gargoyle Textile Corporation, New York, N. Y. Piece goods of cotton, silk, or wool, etc. 169,489; June 19; Serial No. 118,597; published Nov. 4, 1919.

Garhart Dental Specialty Company, Somerville, Mass. Alloy. 176,918; Dec. 4.

Garland, Edith M., St. Paul, Minn. Folding combination table outfit. 163,965; Feb. 6.

Garley Steel Company. (See Hird, Roy G.)

Garlock Packing Co., assignor to The Garlock Packing Company, Palmyra, N. Y. Packing for machinery. 23,420; renewed July 25, 1923.

Garlock Packing Company, The, Palmyra, N. Y. Packing and packing material. 176,911; Dec. 4.

Garneau, Jos., Co., Inc., The, New York, N. Y. Canned fish. 174,519; Oct. 16; Serial No. 175,080; published July 24, 1923.

Garner Bros., New York, N. Y. Misses' and children's hats. 168,332; May 22; Serial No. 168,715; published Jan. 30, 1923.

Garner Gin Company, Inc., Houston, Tex. Machines for breaking, opening, etc., cotton and other fibrous materials. 174,304; Oct. 9.

Garner Gin Company, The, Houston, Tex. Machines for treating fibrous material and parts thereof. 171,667; Aug. 7.

Garnet, George H., doing business as The George H. Garnet Company, Allentown, Pa. Ice cream inclosed in pastry. 171,144; July 31; Serial No. 161,251; published Apr. 17, 1923.

Garney, J. W., & Son, assignor to The James W. Garney Estate, Scranton, Pa. Liniments and croup tinctures. 23,703; renewed Oct. 10, 1923.

Garratt, Clare E., New York, N. Y. Hand-decorated silk and velvet goods in the piece. 172,837; Sept. 11; Serial No. 178,915; published June 5, 1923.

Garred & Krause Drug Co., Walla Walla, Wash. Photographs. 177,337; Dec. 18; Serial No. 181,390; published Oct. 2, 1923.

Garrett and Co., Inc., Brooklyn, N. Y. Beverages sold as soft drinks and sirups for preparing same. 171,098; July 31; Serial No. 174,077; published May 1, 1923.

Garrett and Co. Inc., Brooklyn, N. Y. Food-flavoring extracts and jellies. 175,610; Nov. 6; Serial No. 172,644; published Aug. 14, 1923.

Garrett, Ralph C., doing business as Tricco Chemical Co., Detroit, Mich. Preparation for use in the treatment of eczema. 172,560; Sept. 11; Serial No. 171,268; published May 22, 1923.

Garris, Carl A., Portland, Me. Insecticide powder. 163,071; Jan. 2.

Garrison, Harry B., also doing business as The Silvodent Co., Portland, Oreg. Foundation and pulp protector used in making metal dental fillings. 176,427; Nov. 27; Serial No. 183,269; published Sept. 11, 1923.

Garrity, L. M., & Co., Inc., Boston, Mass. Hair wavers, crimpers, curlers, binders, puffs, etc. 167,410; May 1; Serial No. 168,361; published Jan. 2, 1923.

Garrod Shoe Co., Inc., The, New York, N. Y. Shoes. 165,723; Mar. 20; Serial No. 168,763; published Dec. 19, 1922.

Gartcraig Fire Clay Company, Limited, Glasgow, Scotland. Fire-clay goods. 167,576; May 1; Serial No. 166,550; published Jan. 9, 1923.

Garten, Elmer A., Hinton, W. Va. Composition for stopping leaks in tires and for preserving rubber. 172,260; Aug. 28; Serial No. 136,626; published May 29, 1923.

Garza, Pablo G., doing business as Grain Export Co., San Antonio, Tex. Corn flour. 167,210; Apr. 24; Serial No. 165,078; published Jan. 30, 1923.

Gasaway, Albert A., doing business as A. A. Gasaway & Son, St. Joseph, Mo. Salves, washes, and ointments used in treatment of piles and eczema. 170,167; July 10; Serial No. 170,062; published Mar. 20, 1923.

Gase, Eugene, Saginaw, Mich. Bread, cakes, crackers, biscuits, buns, etc. 165,150; Mar. 6; Serial No. 145,680; published Nov. 7, 1922.

Gash, Abraham, New York, N. Y. Olive oil. 164,086; Feb. 13.

Gash, Abraham, New York, N. Y. Winter-pressed cottonseed salad oil flavored with pure olive oil. 173,445; Sept. 25; Serial No. 173,819; published June 26, 1923.

Gasifier Company, The, Elizabeth, N. J. Hydrocarbon-fuel burners. 175,525; Nov. 6; Serial No. 180,214; published Aug. 21, 1923.

Gaspari, Laura, New York, N. Y. Deodorants. 173,825; Oct. 2; Serial No. 175,483; published June 26, 1923.

Gastone Co., The, Rocky Mount, N. C. Medicine. 176,306; Nov. 20; Serial No. 179,266; published Aug. 21, 1923.

Gates Auto Laundry and Supply Company, St. Louis, Mo. Air-pressure systems for washing automobiles or other vehicles and cleaning the interior thereof and parts of said systems. 176,968; Dec. 11; Serial No. 179,144; published Sept. 25, 1923.

Gatlin and Gatlin, Los Angeles, Calif. Canned fish. 175,407; Nov. 6; Serial No. 181,562; published Aug. 21, 1923.

Gattis Chemical Co., Nashville, Tenn. Remedy for disorders of the stomach and liver. 163,072; Jan. 2.

Gattis Chemical Co., Nashville, Tenn. Remedy for disorders of the stomach and liver. 164,316; Feb. 20.

Gaudé, Francis J., Port Allen, La. Series of cartoons. 177,346; Dec. 18; Serial No. 181,069; published Oct. 2, 1923.

Gauthier, Hector A., Lynn, Mass. Dyspeptic compound. 166,973; Apr. 17.

Gay-Ola Syrup Co., The, Memphis, Tenn. Beverages sold as soft drinks, and sirups for making same. 163,865; Jan. 30.

Gayhart Millinery Corporation, Milwaukee, Wis. Models (hats and untrimmed shapes). 168,002; May 8.

Gazzoni, A., & C., Il Gerente, Bologna, Italy. Radioactive reconstituent. 174,009; Oct. 2; Serial No. 173,385; published July 17, 1923.

Gebhart, Edgar S., doing business as Redfern Medicine Company, Dayton, Ohio. Digestive tonic. 172,662; Sept. 11; Serial No. 174,518; published May 8, 1923.

Gebr. Korte, Stahlwarenfabrik, Solingen, Germany. Razors, safety razors, mechanical strops, table knives and forks of base metal, etc. 168,163–5; May 15; Serial Nos. 165,945–7; published Feb. 27, 1923.

Gebr. Marklin & Co., Goppingen, Germany. Building material for mechanical toys, toy building blocks, etc. 163,499; Jan. 16.

Gebr. Noelle, Ludenscheid, Germany. Knives, forks, and spoons of aluminum. 177,759; Dec. 25; Serial No. 178,183; published Oct. 2, 1923.

Gebr. Zuppinger, Meilen, Switzerland. Beverages sold as a soft drink. 164,921; Feb. 27.

Gebrüder Baumann, Amberg, Germany. Enameled house and kitchen utensils of iron plate—viz, basins, bathtubs, beakers or tumblers, etc. 164,417; Feb. 20.

Gebs Boot Shop, Pittsburgh, Pa. Boots, shoes, and slippers, hosiery. 177,409; Dec. 18; Serial No. 180,174; published Oct. 2, 1923.

Geddes Manufacturing Company. (See Ashkar, Michael A.)

Gedney, M. A., Company. (See Gedney, M. A., Pickling Company, assignor.)

Gedney, M. A., Company, Minneapolis, Minn. Vinegar. 175,940; Nov. 13; Serial No. 173,826; published Aug. 28, 1923.

Gedney, M. A., Pickling Company, assignor to M. A. Gedney Company, Minneapolis, Minn. Vinegar, pickles, catchups, chowchow, mustard, and sauces. 21,742; renewed Sept. 13, 1922.

Geertz, Maurice, doing business as Celry-Ale Co., San Francisco, Calif. Beverage sold as soft drink. 163,324; Jan. 9.

Geib & Schaefer Co., Chicago, Ill. Musical-instrument cases. 174,141; Oct. 2.

Geiger Candy Company, Indianapolis, Ind. Candy. 176,525; Nov. 27; Serial No. 183,058; published Sept. 18, 1923.

Geiger Candy Company, Indianapolis, Ind. Candy. 176,707–8; Nov. 27; Serial Nos. 183,060–1; published Sept. 18, 1923.

Geigy Company, Inc., New York, N. Y. Dye stuffs. 165,426; Mar. 13; Serial No. 165,992; published Dec. 5, 1922.

Geiler, F. W., Inc., New York, N. Y. Wall papers, paper, and stationery. 165,335; Mar. 6; Serial No. 162,252; published Dec. 5, 1922.

Geiler, F. W., Inc., New York, N. Y. Colors ground in oils, oil paints, enamel paints, etc. 176,024; Nov. 13; Serial No. 177,732; published Sept. 4, 1923.

Gelarie, Saul, doing business as Clairtex Knitting Company, Brooklyn, N. Y. Bloomers. 168,487; May 22.

Gellman Wrench Corporation, The, Chicago, Ill. Wrenches. 170,266; July 10; Serial No. 174,896; published Apr. 17, 1923.

Gelpi, Paul, & Sons, Inc., New Orleans, La. Chocolates and candies. 168,874; May 29; Serial No. 170,135; published Mar. 13, 1923.

Geltan Company. (See Fulcra-Tan Company.)

Geltman, Israel, New York, N. Y. Cheese, mustard, farina, tea, coffee, chocolate, condensed milk, rice, etc. 171,078; July 31; Serial No. 169,751; published Apr. 3, 1923.

Gem-Air Permanent Wave Co. Inc., New York, N. Y. Oily preparation for producing permanent waves in the human hair. 176,159; Nov. 20; Serial No. 168,603; published Aug. 14, 1923.

Gem Manufacturing Company. (See Eldredge, Frank M.)

Gem Undergarment Co., Inc., New York, N. Y. Combination undergarment comprising brassière, drawers, and petticoat. 166,629; Apr. 10; Serial No. 168,467; published Dec. 19, 1922.

Gem Safety Razor Corporation, Brooklyn, N. Y. Safety-razor sets. 175,666; Nov. 6.

Gem Tire & Rubber Company. (See Chadwin, Leo L.)

Alphabetical list of registrants of trade-marks—Continued.

Genant, William A., Syracuse, N. Y. Canned shrimp. 177,034; Dec. 11; Serial No. 160,409; published Sept. 25, 1923.

General Automotive Corporation, Chicago, Ill. Locking radiator caps. 164,997; Feb. 27.

General Bakelite Company, Perth Amboy, N. J. Pipes and pipe parts. 170,772; July 24; Serial No. 175,601; published Apr. 24, 1923.

General Baking Company, New York, N. Y. Bread. 167,085; Apr. 24; Serial Nos. 152,465–6; published Dec. 19, 1922.

General Baking Company, New York, N. Y. Bread. 167,270; Apr. 24; Serial No. 152,466; published Dec. 19, 1922.

General Baking Company, New York, N. Y. Bread. 167,275; Apr. 24; Serial No. 151,266; Dec. 26, 1922.

General Baking Company, New York, N. Y. Bread. 172,460; Aug. 28; Serial No. 160,056; published May 8, 1923.

General Cigar Co., Inc., New York, N. Y. Cigars. 163,073; Jan. 2.

General Cigar Co., Inc., New York, N. Y. Cigars. 165,753; Mar. 20; Serial No. 170,815; published Jan. 2, 1923.

General Commercial Company, San Francisco, Calif. Canned fruits—namely, peaches, pears, apricots, apples; dried fruits—namely, prunes, peaches, etc. 168,375–6; May 22; Serial Nos. 169,291–2; published Feb. 27, 1923.

General Electric Company, Schenectady, N. Y. Electric fans. 164,398; Feb. 20.

General Electric Company, Schenectady, N. Y. Nonmetallic gear wheels and gear-wheel blanks. 166,783; Apr. 17; Serial No. 161,181; published Jan. 23, 1923.

General Electric Company, Schenectady, N. Y. Nonmetallic sheet material formed from textile material and a binder. 169,244; June 12; Serial No. 170,524; published Mar. 13, 1923.

General Electric Company, Schenectady, N. Y. Publication. 169,788; July 3; Serial No. 167,389; published Mar. 27, 1923.

General Electric Company, Schenectady, N. Y. Nonmetallic gear wheels and gear-wheel blanks. 171,835; Aug. 14; Serial No. 176,118; published May 8, 1923.

General Electric Company, Schenectady, N. Y. Electric motors. 172,367; Aug. 28; Serial No. 161,182; published May 29, 1923.

General Engineering & Construction Company, and also doing business as Rockford Manufacturing Co., Rockford, Ill. Electrically-operated apparatus for heating and blowing air for drying purposes. 167,481; May 1; Serial No. 162,675; published Jan. 9, 1923.

General Explosives Company, Chicago, Ill. Explosives. 171,486; Aug. 7; Serial No. 148,383; published May 15, 1923.

General Phonograph Corporation, New York, N. Y. Needles for talking machines and phonographs. 174,919; Oct. 23.

General Radio Company, Cambridge, Mass. Amplifiers, direct and alternating current; sockets, rheostats, etc. 167,334; Apr. 24.

General Radio Company, Cambridge, Mass. Standards of resistance, inductance and capitance for measuring purposes, decade bridges, etc. 171,690; Aug. 7.

General Radio Corporation, Philadelphia, Pa. Variometers, variocouplers, transformers for radio apparatus, radio receiving sets, etc. 175,919; Nov. 13; Serial No. 180,279; published Aug. 7, 1923.

General Tire and Rubber Company, The, Akron, Ohio. Rubber tires, tire casings, and inner tubes. 169,130; June 12; Serial No. 114,161; published Feb. 27, 1923.

General Tobacco Company, Louisville, Ky., and Chicago, Ill. Cigars, smoking and leaf tobacco. 177,743; Dec. 25; Serial No. 184,336; published Oct. 16, 1923.

General Tobacco Company, Louisville, Ky., and Chicago, Ill. Cigarettes, cigars, and smoking tobacco. 177,744; Dec. 25; Serial No. 184,334; published Oct. 16, 1923.

General Water Heater Corporation, Los Angeles, Calif. Water heaters. 171,595; Aug. 7; Serial No. 176,173; May 22, 1923.

General Water Heater Corporation, Los Angeles, Calif. Water heaters. 175,535; Nov. 6; Serial No. 180,856; published Aug. 21, 1923.

Genesee Pure Food Company, The, Le Roy, N. Y. Compound for use in the preparation of jellies, desserts, and pastries. 175,564; Nov. 6; Serial No. 178,998; published Aug. 21, 1923.

Gennert, G., Inc., New York, N. Y. Albums. 173,262; Sept. 18; Serial No. 175,423; published June 12, 1923.

Genschow, Gustav, & Co., Aktiengesellschaft, Berlin, Germany. Pistols, rifles, muskets, guns, revolvers, ammunition, and cleaning rods. 172,937; Sept. 11; Serial No. 161,877; published Oct. 24, 1922.

Genschow, Gustav, & Co., Aktiengesellschaft, Berlin, Germany. Pistols, rifles, muskets, guns, revolvers, ammunition, and cleaning rods. 172,938; Sept. 11; Serial No. 161,875; published Oct. 24, 1922.

Gentry, Charles B., doing business as C. B. Gentry Chili Powder Co., Los Angeles, Calif. Chili powder. 173,572; Sept. 25.

Genuine Remedies Company, Newark, N. J. Remedy for indigestion, gas, nausea, dyspepsia, and similar stomach disorders. 165,840; Mar. 20; Serial No. 169,708; published Jan. 2, 1923.

George Close Co., The, Cambridge, Mass. Candy. 169,547; June 19.

George Close Co., The, Cambridge, Mass. Candy. 171,238; July 31; Serial No. 170,562; published May 1, 1923.

George Close Co., The, Cambridge, Mass. Candy. 175,071; Oct. 30; Serial No. 170,563; published Aug. 14, 1923.

George & Co., Leipzig, Germany. Artistic prints, color prints, picture post cards. 169,492; June 19; Serial No. 137,521; published Jan. 3, 1922.

George, H. J., Long Beach, Calif. Automobile dog carrier. 175,058; Oct. 30; Serial No. 179,195; published Aug. 7, 1923.

George, Robert J., doing business as Imperial Peanut & Coffee Company, Wilkes-Barre, Pa. Coffees, candies, chocolates, and chocolate-covered confections. 171,434; Aug. 7; Serial No. 163,796; published May 8, 1923.

George, Robert J., doing business as Imperial Peanut & Coffee Company, Wilkes-Barre, Pa. Roasted and salted peanuts. 171,435; Aug. 7; Serial No. 163,795; published May 8, 1923.

George Urban Milling Company, Buffalo, N. Y. Wheat flour and rye flour. 176,741; Nov. 27; Serial No. 176,299; published Aug. 14, 1923.

Georgene, Madame, Inc., New York, N. Y. Dolls. 174,691; Oct. 23; Serial No. 180,003; published July 31, 1923.

Georgopulo, G. A., & Co., New York, N. Y. Cigarettes. 168,315; May 22; Serial No. 168,260; published Feb. 27, 1923.

Gerace, Joseph, Lebanon, Pa. Ice-cream cones. 169,564; June 19.

Gerardi, John, Oyster Bay, N. Y. Liquid preparation used as a fire preventer, and extinguisher, a cleanser, and moth and germ killer. 165,623; Mar. 13; Serial No. 167,464; published Dec. 12, 1922.

Gerber & Co., Ltd., Thoune, Switzerland. Cheese. 167,133; Apr. 24; Serial No. 158,388; published Jan. 30, 1923.

Gerhardt, Jacob, & Company, Incorporated, New York, N. Y. Outer, negligee, and work shirts for men. 173,024; Sept. 11; Serial No. 172,670; published June 5, 1923.

Gerhart & Pagels, Trenton, N. J. Butter. 166,294; Mar. 27.

Ger-Le Laboratories, Chicago, Ill. Toilet articles. 177,464; Dec. 18; Serial No. 176,403; published Sept. 25, 1923.

Germ-A-Lax Laboratories. (See Raymond, Jules N.)

Germain Brothers Company, The, Saginaw, Mich. Type of toilet or closet seat. 173,127; Sept. 18; Serial No. 172,874; published June 12, 1923.

Germanow-Simon Machine Co., Rochester, N. Y. Machines for applying watch crystals. 168,176; May 15; Serial No. 169,632; published Feb. 13, 1923.

Germany, Mary, doing business as Mrs. Mary Germany, Dallas, Tex. Salad dressing. 174,701; Oct. 23; Serial No. 176,119; published July 24, 1923.

Gerrish, Perley G., Cambridge, Mass. Nut caramels. 165,781; Mar. 20; Serial No. 157,665; published Dec. 26, 1922.

Gerson & Breyer, San Francisco, Calif. Hosiery. 173,660; Oct. 2; Serial No. 176,174; published June 19, 1923.

Gerson & Breyer, San Francisco, Calif. Men's women's, and children's hosiery. 174,491; Oct. 16; Serial No. 177,374; published July 24, 1923.

Gerstendorfer Bros., New York, N. Y. Gold enamel paints. 164,273; Feb. 13.

Gerstendorfer Bros., New York, N. Y. Enamel paints. 164,274; Feb. 13.

Gerstendorfer Bros., New York, N. Y. Varnish stains. 164,275; Feb. 13.

Gerstendorfer Bros., New York, N. Y. Carriage colors. 164,276; Feb. 13.

Gerstendorfer Bros., New York, N. Y. Aluminum enamel paints. 164,277; Feb. 13.

Gerstendorfer Bros., New York, N. Y. Varnishes, enamel paints, gilding powders, liquid gold paint, etc. 168,252; May 15; Serial No. 172,938; published Feb. 13, 1923.

Gerstner, H., & Sons, doing business as National Cabinet Co., Dayton, Ohio. Cabinets for phonograph records. 163,969; Feb. 6.

Gessing, C. J., & Sons Company, The, Cincinnati, Ohio. Clothing. 166,664; Apr. 10; Serial No. 165,016; published Dec. 19, 1922.

Gestetner, D., Limited, London, England. Duplicating apparatus and accessories thereto, etc. 174,275; Oct. 9; Serial No. 178,175; published July 10, 1923.

Get-Gas Service Stations, Inc., Springfield, Ill. Gasoline, kerosene, naphtha, etc. 170,130; July 10; Serial No. 158,391; published Apr. 10, 1923.

Getsinger, Orpho C., Los Angeles, Calif. Motion-picture films. 169,171; June 12; Serial No. 168,261; published Mar. 20, 1923.

Getz, Vernon C., doing business as The Wonderlay Company, Indianapolis, Ind. Antiseptic drink for chicks. 173,894; Oct. 2; Serial No. 177,292; published July 10, 1923.

Getz, Vernon C., doing business as The Wonderlay Company, Indianapolis, Ind. Chick tonic feed. 177,215; Dec. 11; Serial No. 177,293; published Sept. 18, 1923.

Gevaert Photo-Producten, Oude-God, near Antwerp, Belgium. Cameras, photographic films on spools, film packs, portrait films, etc. 165,667–70; Mar. 20; Serial No. 166,677–80; published Dec. 12, 1922.

Gevaert Photo-Producten, Oude-God, near Antwerp, Belgium. Photographic films, film packs, portrait films, etc. 165,750; Mar. 20; Serial No. 170,933; published Dec. 12, 1922.

Gevaert Photo Producten Oude-God, near Antwerp, Belgium. Cameras, photographic films on spools, film packs, portrait films, etc. 166,000; Mar. 27; Serial No. 168,410; published Dec. 5, 1922.

Gevaert Photo Producten Oude-God, near Antwerp, Belgium. Cameras, photographic films on spools, film packs, portrait films, etc. 166,053; Mar. 27; Serial No. 168,411; published Dec. 5, 1922.

Gheens, C. Edward, Louisville, Ky. Candy. 171,370; Aug. 7; Serial No. 169,542; published May 8, 1923.

Ghriskey's, Charles M., Sons, Philadelphia, Pa. Tennis-tape reels, baseballs, baseball gloves and mitts, baseball bats, etc. 171,174; July 31; Serial No. 171,456; published May 1, 1923.

Giacomo Costa Fu Andrea, Genova, Italy. Olive oil. 166,154; Mar. 27; Serial No. 155,168; published Dec. 5, 1922.

Giant Concrete Pile Co., Inc., New York, N. Y. Concrete piles, casting and driving forms or channels for concrete piles by means of which piles are driven into the ground. 167,498; May 1; Serial No. 134,563; published Dec. 19, 1922.

Giant Umbrella Co. (See Grossman, Jacob.)

Giard, Philip, Shoe Company, Inc., The, Brockton, Mass. Boots and shoes. 173,846; Oct. 2; Serial No. 173,886; published June 12, 1923.

Gibbon, C. S., Co., Philadelphia, Pa. Women's shoes. 164,076; Feb. 13.

Gibbon, C. S., Co., Philadelphia, Pa. Women's shoes. 166,293; Mar. 27.

Gibbs, Edward F.-G. Gibbs, doing business as Rigid Tool Holder Company, Washington, D. C. Metal-working-machine tools and tool holders. 167,973; May 8.

Gibbs, Walter A., trading as W. A. Gibbs & Son, Chester, Pa. Animal traps. 175,225; Oct. 30.

Gibson, C., M. D., doing business as The Gibson Drug Co., Thomson, Ga. Medicinal preparation used in the treatment of indigestion, dyspepsia, etc. 164,354; Feb. 20.

Gibson Drug Co., The. (See Gibson, C., M. D.)

Gibson, Geo. R., Co., New York, N. Y. Bath and tooth brushes. 167,115; Apr. 24; Serial No. 163,978; published Feb. 6, 1923.

Gibson, Geo. R., Co., New York, N. Y. Nail, tooth, hair, cloth, and flesh brushes. 171,510; Aug. 7; Serial No. 163,979; published May 22, 1923.

Gibson, Geo. R., Co., New York, N. Y. Toothbrushes. 173,956; Oct. 2; Serial No. 165,791; published July 10, 1923.

Gibson, Lina S., doing business as Gibson Remedy Company, Fort Wayne, Ind. Preparation for the relief of coughs and after effects of influenza, etc. 177,183; Dec. 11; Serial No. 180,759; published Sept. 11, 1923.

Gibson Musical String Co., Belleville, N. J. Strings for violins, violas, violoncellos, double basses, tango banjos, etc. 166,337; Mar. 27.

Giddings, Warren A., doing business as Nitrol Chemical Co., Not Inc., Chicago, Ill. Antiseptic lotion for the treatment of cuts, burns, boils, etc. 165,488; Mar. 13; Serial No. 166,228; published Jan. 2, 1923.

Gilbert, A. C., Company, The, New Haven, Conn. Toy construction sets. 169,192; June 12; Serial No. 175,192; published Mar. 27, 1923.

Gilbert, A., & Sons Brass Foundry Co., St. Louis, Mo. Brass, aluminum, etc., ingots and castings. 176,629; Nov. 27; Serial No. 163,515; published Sept. 18, 1923.

Gilbert Bros. & Co., Inc., Baltimore, Md. Preparation for the treatment of headache, neuralgia, neuritis, colds, etc. 174,341; Oct. 16; Serial No. 155,094; published Mar. 28, 1922.

Gilbert, Glenn R., doing business as Azol Laboratories, Chicago, Ill. Tooth paste, mouth wash, pyorrhea astringent, hair tonic, etc. 176,232; Nov. 20; Serial No. 167,612; published Aug. 7, 1923.

Gilbert, Henry S., doing business as Berco Medicine Co., Louisville, Ky. Female general tonics. 174,318; Oct. 16; Serial No. 177,733; published July 10, 1923.

Gilbert Knitting Company, Little Falls, N. Y. Woolen wearing apparel. 165,238; Mar. 6.

Gilbert Paper Co., Menasha, Wis. Bond, ledger, and writing paper. 175,285; Nov. 6; Serial No. 182,411; published Aug. 21, 1923.

Gilbert Paper Co., Menasha, Wis. Bond, ledger, and writing, papers. 176,401; Nov. 27; Serial No. 182,410; published Sept. 11, 1923.

Gile & Jenks, Salem, Oreg. Dried fruits. 177,375; Dec. 18; Serial No. 180,858; published Sept. 25, 1923.

Gill Brothers Company, Steubenville, Ohio. Glass lamp chimneys, globes, shades, and reflectors. 163,074; Jan. 2.

Gill, Warren D., Los Angeles, Calif. Tooth paste. 173,106; Sept. 18; Serial No. 176,962; published June 12, 1923.

Gillen-Cole Co., Portland, Oreg. Asbestos mats. 174,467; Oct. 16; Serial No. 171,312; published July 3, 1923.

Gillen, P. Joseph, doing business as Mentho-Kreoamo Company, Clinton, Ill. Medicinal preparation for pneumonia, flu, colds, etc. 173,893; Oct. 2; Serial No. 177,294; published July 10, 1923.

Gillet & Fils, Villeurbanne, France. Apparatus for permitting the matching of color shades. 173,711; Oct. 2; Serial No. 177,181; published June 26, 1923.

Gillett Chemical Works. (See Gillett, Clyde R.)

Gillett, Clyde R., doing business as Gillett Chemical Works, Sacramento, Calif. Lubricating oils. 171,264; July 31; Serial No. 169,293; published May 15, 1923.

Gillett, Ralph J., Importing Company, The, Cleveland, Ohio. Jewelry, tableware, etc. 175,813; Nov. 13; Serial No. 154,589; published Aug. 21, 1923.

Gillette Safety Razor Company, Boston, Mass. Safety-razor blades. 164,884; Feb. 27.

Gilliam Manufacturing Company, The, Canton, Ohio. Roller bearings. 177,107; Dec. 11; Serial No. 173,633; published Sept. 25, 1923.

Gillinder & Sons, Inc., Philadelphia, Pa. Illuminating glassware, such as lamp shades, globes, bowls, etc. 168,776; May 29; Serial No. 174,133; published Mar. 6, 1923.

Gillitt, Fred C., doing business as C-O-D Cereal Co., St. Paul, Minn. Breakfast cereals. 170,876; July 24; Serial No. 158,309; published Mar. 20, 1923.

Gilmore Petroleum Company, Los Angeles, Calif. Gasoline and lubricating oils. 164,372; Feb. 20.

Gilmore Petroleum Company, Los Angeles, Calif. Lubricating oils. 164,698; Feb. 27.

Gilmore Petroleum Company, Los Angeles, Calif. Lubricating oils. 168,453; May 22; Serial No. 173,634; published Feb. 20, 1923.

Gilmore Petroleum Company, Los Angeles, Calif. Lubricating oils. 168,767–8; May 29; Serial Nos. 173,764–5; published Feb. 27, 1923.

Gilmore Petroleum Company, Los Angeles, Calif. Volatile compound derived from petroleum. 169,975; July 10; Serial No. 166,557; published Apr. 10, 1923.

Gilmore Petroleum Company, Los Angeles, Calif. Kerosene and lubricating oils. 175,957; Nov. 13; Serial No. 166,558; published Sept. 4, 1923.

Gilpin Liniment Company. (See Gilpin, Wesley O.)

Gilpin, Wesley O., doing business as Gilpin Liniment Company, Pritchard, Ala. Certain medicine for internal and external use for the treatment of rheumatism, neuralgia, sprains, etc. 164,094; Feb. 13.

Gimbel Brothers, New York, New York, N. Y. Rubbing lotion. 164,436; Feb. 20.

Gimbel Brothers, Incorporated, Philadelphia, Pa. Men's hats. 169,979; July 10; Serial No. 166,944; published Apr. 10, 1923.

Gimbel Brothers, Inc., New York, N. Y. Table glassware. 174,090; Oct. 2; Serial No. 180,063; published July 10, 1923.

Gimbel Brothers, Inc., New York, N. Y. Golf balls. 175,599; Nov. 6; Serial No. 178,916; published Aug. 21, 1923.

Ginsberg, I., & Bros., assignors to Isaac Ginsberg & Brothers, Inc., New York, N. Y. Children's, girls', and women's dresses. 171,727; Aug. 14; Serial No. 170,636; published May 15, 1923.

Ginsberg, I., & Bros., New York, N. Y., assignor to Isaac Ginsberg & Brothers, Inc. Women's dresses. 171,883; Aug. 14; Serial No. 172,671; published May 22, 1923.

Ginsberg, R., & Bro., New York, N. Y. Ladies' hair nets. 174,882; Oct. 23; Serial No. 181,563; published Aug. 7, 1923.

Gintone Laboratories. (See Schneider, Emil D.)

Giocalas, Th., & V. Coyimzoglu, New York, N. Y. Dates. 172,219; Aug. 28; Serial No. 174,435; published May 29, 1923.

Giocalas, Th., & V. Coyimzoglu, New York, N. Y. Dates. 172,097–8; Aug. 21; Serial Nos. 174,436–7; published May 29, 1923.

Giocalas, Th., & V. Coyimzoglu, New York, N. Y. Dates. 172,096; Aug. 21; Serial No. 174,439; published May 29, 1923.

Giocalas, Th., & V. Coyimzoglu, New York, N. Y. Dates. 173,849; Oct. 2; Serial No. 174,438; published July 3, 1923.

Gitterman, Robert S., doing business as Allen Bottling Co., Wichita, Kans. Natural mineral water and ginger ale. 168,013; May 8.

Ginzkey, I. Mafferdorf, Inc., New York, N. Y. Woolen blankets. 163,980; Feb. 6.

Given, John M., Company, The, New York, N. Y.; Chicago, Ill., and Pittsburgh, Pa. Hosiery. 176,483; Nov. 27; Serial No. 180,660; published Sept. 18, 1923.

Given, John M., Company, The, New York, N. Y.; Chicago, Ill., and Pittsburgh, Pa. Hosiery. 176,485; Nov. 27; Serial No. 180,699; published Sept. 18, 1923.

Glacifer Company, The, Boston, Mass. Cooling containers. 168,345; May 22; Serial No. 148,023; published Feb. 20, 1923.

Gladding, B. F., & Co., Inc., South Otselic, N. Y. Enameled silk fly fishing lines. 177,641; Dec. 25; Serial No. 154,689; published Jan. 9, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Gladding Dry Goods Co., Providence, R. I. Bookcases, beds, book-ends, buffets, benches, desks, etc. 173,607; Oct. 2; Serial No. 158,829; published May 29, 1923.
Glaser Bros., Boston, Mass. Finger rings. 169,339; June 12; Serial No. 173,188; published Feb. 27, 1923.
Glasgow Clay Products Company, Glasgow, Va. Brick. 165,087; Mar. 6; Serial No. 156,574; published Oct. 17, 1922.
Glass, Henry, & Co., New York, N. Y. Cotton piece goods. 165,454; Mar. 13; Serial No. 171,493; published Jan. 2, 1923.
Glass, Henry, & Co., New York, N. Y. Cotton piece goods. 165,758; Mar. 20; Serial No. 170,577; published Dec. 26, 1922.
Glass, Henry, & Co., New York, N. Y. Cotton piece goods. 165,759; Mar. 20; Serial No. 170,579; published Dec. 26, 1922.
Glass, Henry, & Co., New York, N. Y. Cotton piece goods. 166,955; Apr. 17; Serial No. 170,580; published Jan. 30, 1923.
Glass, Henry, & Co., New York, N. Y. Ginghams in the piece. 170,230; July 10; Serial No. 173,820; published Apr. 3, 1923.
Glassmire, Sara R., doing business as Infallible Hair Color Restorer Co., Philadelphia, Pa. Preparation for restoring hair. 168,310; May 15.
Glassmire, Sara R., doing business as Wm. Glassmire's, Philadelphia, Pa. Hair lotions and skin creams. 172,350; Aug. 28; Serial No. 173,283; published May 15, 1923.
Glass & Wohl, Newark, N. J. Suitcases. 163,325; Jan. 9.
Gleason, John E., Asbury Park, N. J. Gaskets for internal-combustion engines. 171,358; Aug. 7; Serial No. 170,880; published May 1, 1923.
Gleckner, W. W., & Sons Co., Canton, Pa. Harness, collars, saddlery, and parts thereof. 174,282; Oct. 9; Serial No. 179,267; published July 10, 1923.
Gleich, Valentine A., doing business as G & H Products Co., Columbus, Ohio. Writing inks. 174,700; Oct. 23; Serial No. 175,784; published June 26, 1923.
Glemby, S., Inc., New York, N. Y. Hair nets. 164,063; Feb. 13.
Glemby's, S., Sons Co. Inc., New York, N. Y. Hair nets. 163,326; Jan. 9.
Glemby's, S., Sons Co., Inc., New York, N. Y. Snap fasteners. 164,041–2; Feb. 6.
Glemby's, S., Sons Co., Inc., New York, N. Y. Snap fasteners. 170,355; July 10.
Glemby's, S., Sons Co., Inc., New York, N. Y. Powder puffs. 170,973; July 24.
Glencairn Mfg. Co., Pawtucket, R. I. Shoe, corset, underwear, and blouse lacings, etc., all made of cotton. 164,027; Feb. 6.
Glencairn Mfg. Co., Pawtucket, R. I. Lacings, galloons, and braids made of cotton. 164,031; Feb. 6.
Glenco Chemical Co., Troy, N. Y. Cleansing powder. 167,901; May 8; Serial No. 169,357; published Jan. 30, 1923.
Glenco Products Company, Quincy, Ill. Mops. 177,468; Dec. 18; Serial No. 176,175; published Oct. 2, 1923.
Glendale Chemical Company. (See Williams, Maurice M.)
Glessner, Inez C., doing business as, Largal Company, Findlay, Ohio. Preparation for the relief of colds. 167,371; May 1; Serial No. 168,764; published Jan. 2, 1923.
Glessner, Otto A., doing business as Pest-U-Di Chemical Company, Chicago, Ill. Preparation for the alleviation of roup, diarrhea, etc., in chickens; poison ivy, ulcers, etc., in humans. 163,075; Jan. 2.
Glick, Emil, Cleveland, Ohio. Knitted neckties and scarfs. 163,576; Jan. 23.
Glick, Louis, Portsmouth, Ohio. Furniture polish. 165,246; Mar. 6.
Glickman, Abraham E., Brooklyn, N. Y. Hair tonic. 170,500; July 17; Serial No. 171,017; published Apr. 17, 1923.
Glickson, Simon, Chicago, Ill. Preparations for gonorrhea and syphilis. 175,402; Nov. 6; Serial No. 164,538; published Aug. 28, 1923.
Glidden Company, The, Cleveland, Ohio. Paints and varnishes. 176,387; Nov. 27; Serial No. 172,672; published Sept. 11, 1923.
Glidden Company, The, Cleveland, Ohio. Liquid varnish. 177,546; Dec. 18; Serial No. 183,378; published Oct. 2, 1923.
Glidden Nut Butter Company, The, Chicago, Ill. Oleomargarine. 170,669; July 17; Serial No. 159,506; published Feb. 13, 1923.
Glimmerglen Farms, Inc., New York and Cooperstown, N. Y. Cloth, bed blankets, and automobile robes. 165,681; Mar. 20; Serial No. 170,526; published Dec. 26, 1922.
Glimmerglen Farms, Inc., Cooperstown and New York, N. Y. Horse blankets. 166,362; Apr. 3; Serial No. 170,525; published Dec. 19, 1922.
Glirr Mfg. Co., The. (See Wigart, John.)
Glistridis, Frosso & Co., New York, N. Y. Candles. 170,766; July 24; Serial No. 177,183; published Apr. 24, 1923.
Globe Grain & Milling Co., Los Angeles, Calif. Wheat flour. 167,124–5; Apr. 24; Serial No. 165,369–70; published Dec. 12, 1922.
Globe Import Co. (See Richter, Julius.)
Globe Import Company, San Francisco, Calif. Hair nets. 171,618; Aug. 7; Serial No. 177,734; published May 15, 1923.
Globe Laboratories, Fort Worth, Tex. Clear refined anti-hog-cholera serum, anti-hog-cholera serum, hog-cholera virus, mixed infection bacterin for swine, etc. 172,680; Sept. 11; Serial No. 163,752; published May 29, 1923.
Globe Radio Manufacturing Co. (See Cuthbert, Richard G.)
Globe Rubber Tire Manufacturing Co., Trenton, N. J. Nonmetallic pneumatic tires and inner tubes. 169,865; July 3; Serial No. 175,589; published Apr. 3, 1923.
Globe Shoe Company, Chelsea, Mass. Women's boots and shoes. 170,166; July 10; Serial No. 169,900; published Apr. 3, 1923.
Globe Soap Company, The, Cincinnati, Ohio. Soap. 163,433; Jan. 9.
Globe Trots Films, Inc. (See Chester, C. L., Productions, Inc., assignor.)
Globe Wire Co., Sharpsburg, Pa. Steel rods suitable for the making of taps and small tools. 173,215; Sept. 18; Serial No. 174,773; published June 19, 1923.
Globe Wire Co., Sharpsburg, Pa. Steel rods. 170,228; July 10; Serial No. 174,772; published Apr. 3, 1923.
Gloo-Pen Company. (See Knauth, William.)
Gloria Co., Chicago, Ill. Face enamel for use as a skin curative. 167,653; May 8; Serial No. 167,940; published Jan. 9, 1923.
Gloria Light Co., Chicago, Ill. Kerosene-gas-making appliances. 174,468; Oct. 16; Serial No. 171,123; published July 17, 1923.
Glossall Co., The. (See Duffield, Arthur W.)
Glossy Straight Manufacturing Co., Selma, Ala. Hair dressing. 171,917; Aug. 14.
Glo-Tex Company, The, Indianapolis, Ind. Cleaning fluid for dry-cleaning fabrics, leather, and the like. 170,556; July 17; Serial No. 173,763; published Apr. 24, 1923.
Glover, H. Clay, Company Inc., New York, N. Y. Mange medicine. 163,929; Feb. 6.
Gluck, Edward V., doing business as Safe-T Fuse Handle Co., Richmond Hill, assignor to Safe-T Fuse Handle Co. Inc, Woodhaven, N. Y. Safety devices for handling electric fuses. 167,715; May 8; Serial No. 139,206; published Jan. 23, 1923.
Glucol Mfg. Co., The, Cleveland, Ohio. Pastes, glues, and adhesives. 168,730; May 29; Serial No. 172,271; published Mar. 13, 1923.
Gober, Francis S., doing business as Midwest Laboratory, Oklahoma, Okla. Cold salve, liniment for sprains, etc., skin ointment. 164,878; Feb. 27.
Goddard, J. W., & Sons, Incorporated, New York, N. Y. Cotton piece goods. 169,702; June 26.
Godefroy, Charles W., St. Louis, Mo. Face powders and bleaches and liquid rouge. 169,879; July 3; Serial No. 142,840; published June 14, 1921.
Godel, E., & Sons, Peoria, Ill. Lard. 177,418; Dec. 18; Serial No. 165,586; published Oct. 2, 1923.
Godi di Godio, Alberto, Rome and Genoa, Italy. Agglomerating material for street paving, coating, industrial flooring, etc. 166,187; Mar. 27; Serial No. 161,125; published Oct. 17, 1922.
Godwin & Lohmann, Brooklyn, N. Y. Compounds for the removal of rust and scale from the interior of radiators and water jackets. 173,549; Sept. 25.
Goeller's, M. G., Sons, Circleville, Ohio. Brooms. 171,054; July 31; Serial No. 175,861; published May 15, 1923.
Goepel, Charles H., jr., Philadelphia, Pa. Hosiery. 176,597; Nov. 27; Serial No. 178,719; published Sept. 11, 1923.
Goepel, Charles H., jr., Philadelphia, Pa. Hosiery. 177,551; Dec. 18; Serial No. 183,110; published Oct. 2, 1923.
Goerdeler, Pearl P., Brooklyn, N. Y. Dolls. 177,350; Dec. 18; Serial No. 180,536; published Oct. 2, 1923.
Goerz Flour Mills Co., Newton, Kans. Wheat flour. 163,577; Jan. 23.
Goerz Flour Mills Co., Newton, Kans. Wheat flour. 176,191; Nov. 20; Serial No. 152,796; published July 17, 1923.
Goethel, Alfred C., Co., Milwaukee, Wis. Dust collectors. 172,250; Aug. 28; Serial No. 157,369; published May 29, 1923.
Goethel, Alfred C., Co., The, Milwaukee, Wis. Sheet-metal sectional rowboats. 174,405; Oct. 16; Serial No. 176,617; published July 17, 1923.
Goethel, Alfred C. Co., The, Milwaukee, Wis. Skylights. 173,055; Sept. 11; Serial No. 176,619; published June 12, 1923.
Goetz, M. K., Brewing Co., St. Joseph, Mo. Cereal beverages containing malt. 163,500; Jan. 16.
Goetz-Berlin Co. Inc., New York, N. Y. Linings, pocketings, and interlinings in the piece. 175,521; Nov. 6; Serial No. 175,485; published Aug. 28, 1923.
Goetz-Berlin Co. Inc., New York, N. Y. Linings, pocketings, and interlinings of cotton fabrics. 175,193; Oct. 30; Serial No. 175,486; published Aug. 7, 1923.
Goff, Milton G., doing business as Premier Mfg. Co., Detroit, Mich. Knife or shear sharpeners. 164,966; Feb. 27.
Goff, S. B., & Sons Company, Camden, N. J. Candy. 171,781; Aug. 14; Serial No. 172,939; published May 22, 1923.

Goheen Corporation, The, Wilmington, Del., and Warren, Ohio. Paint for general use. 169,596; June 26; Serial No. 129,129; published Mar. 27, 1923.

Golber, Hyman E., doing business as H. E. Golber and Company, Chicago, Ill. Pencil leads and mechanical pencils holding such leads. 166,892; Apr. 17; Serial No. 165,949; published Sept. 19, 1922.

Gold Buckle Association, East Highlands, Calif. Citrous fruits. 176,497; Nov. 27; Serial No. 173,643; published Sept. 25, 1923.

Gold Buckle Association, East Highlands, Calif. Citrous fruits. 176,498; Nov. 27; Serial No. 173,637; published Sept. 11, 1923.

Gold Buckle Association, East Highlands, Calif. Citrous fruits. 177,083; Dec. 11; Serial No. 173,636; published Sept. 11, 1923.

Gold Buckle Association, East Highlands, Calif. Citrous fruits. 177,084; Dec. 11; Serial No. 173,639; published Sept. 11, 1923.

Gold Buckle Association, East Highlands, Calif. Citrous fruits. 177,085; Dec. 11; Serial No. 173,640; published Sept. 11, 1923.

Gold Buckle Association, East Highlands, Calif. Citrous fruits. 177,086; Dec. 11; Serial No. 173,642; published Sept. 11, 1923.

Gold Buckle Association, East Highland, Calif. Citrous fruits. 177,558; Dec. 18; Serial No. 173,643; published Sept. 25, 1923.

Gold, Jacob N., doing business as Gol-Mar, Philadelphia, Pa. Automobile accessories. 176,513; Nov. 27; Serial No. 164,431; published July 17, 1923.

Gold Seal Co., Palisades Park, N. J. Repeating attachments for phonographs. 166,539; Apr. 10; Serial No. 159,258; published Jan. 9, 1923.

Gold Seal Co., Palisades Park, N. J. Phonograph needles. 166,582; Apr. 10; Serial No. 171,992; published Jan. 23, 1923.

Goldberg Bros., New York, N. Y. Ladies' hand bags and pocketbooks. 164,618; Feb. 20.

Goldberg, Eli F., doing business as Lewgold Imports, Syracuse, N. Y. Saws. 175,319; Nov. 6; Serial No. 180,977; published Aug. 21, 1923.

Goldberg, Fred, doing business as National Extract & Flavor Co., Hoboken, N. J. Hair tonic. 177,133; Dec. 11; Serial No. 144,812; published Sept. 18, 1923.

Goldberg, G., & Sons, New York, N. Y. Stationery. 174,922; Oct. 23.

Goldberg, Samuel A., Chicago, Ill. Hosiery. 171,241; July 31; Serial No. 170,375; published May 8, 1923.

Goldberg, Solomon H., Chicago, Ill. Rubber tires of all kinds. 165,170; Mar. 6; Serial No. 119,190; published Oct. 10, 1922.

Goldblum, Theodore, doing business as Stanley Drug Company, Philadelphia, Pa. Medicine for general debility, nervous prostration, etc. 174,845; Oct. 23; Serial No. 177,736; published July 31, 1923.

Golden, Robert, New York, N. Y. Spotlights and light projectors. 174,430; Oct. 16; Serial No. 179,145; published June 26, 1923.

Goldin, Meyer, doing business as Continental Watch and Jewelry Co., Chicago, Ill. Watch movements and watchcases. 174,824; Oct. 23; Serial No. 173,887; published July 24, 1923.

Gol-Mar. (See Gold, Jacob N.)

Gomi, Tadashi D., New York, N. Y. Medicine for tuberculosis, pneumonia, and pleurisy. 172,529; Sept. 4; Serial No. 173,131; published Apr. 17, 1923.

Goodell-Pratt Company, Greenfield, Mass. Bench grinders. 172,697; Sept. 11; Serial No. 177,082; published May 29, 1923.

Goodell-Pratt Company, Greenfield, Mass. Miter boxes. 172,698; Sept. 11; Serial No. 176,893; published May 29, 1923.

Goodell-Pratt Company, Greenfield, Mass. Polishing and grinding heads. 172,699; Sept. 11; Serial No. 176,825; published May 29, 1923.

Goodell-Pratt Company, Greenfield, Mass. Valve grinders. 172,700; Sept. 11; Serial No. 176,824; published May 29, 1923.

Goodell-Pratt Company, Greenfield, Mass. Bench vises. 172,701; Sept. 11; Serial No. 176,737; published May 29, 1923.

Goodman, Samuel, Baltimore, Md. Suits. 173,320; Sept. 25; Serial No. 173,416; published June 26, 1923.

Goodrich, B. F., Company, The, New York, N. Y. Inner tubes. 172,888; Sept. 11; Serial No. 175,720; published June 5, 1923.

Golden Arrow Hosiery Mills. (See Crutcher, Edwin.)

Golden & Company, Incorporated, Washington, D. C. Butter. 165,094; Mar. 6; Serial No. 155,746; Nov. 14, 1922.

Golden Grain Juice Co., Minneapolis, Minn. Ginger ale, wild cherry, grape, orange, and lemon beverages. 164,269; Feb. 13.

Golden Grain Juice Co., Minneapolis, Minn. Dry compound for making a nonalcoholic, maltless beverage. 167,106; Apr. 24; Serial No. 169,588; published Jan. 9, 1923.

Golden Grain Milling Company, East St. Louis, Ill. Horse and mule feed. 165,378; Mar. 6; Serial No. 160,187; published Nov. 7, 1922.

Golden Grain Milling Company, East St. Louis, Ill. Mixed horse and mule feed. 167,238; Apr. 24; Serial No. 159,462; published Jan. 30, 1923.

Golden Poppy Company, Berkeley, Calif. Soap powder. 163,803; Jan. 30.

Golden Ray Manufacturing Co., Philadelphia, Pa. Hair tonics. 168,843; May 29; Serial No. 170,816; published Feb. 13, 1923.

Golden Rule Ref. Co., Wichita, Kans. Gasoline, kerosene, and lubricating oils. 176,490; Nov. 27; Serial No. 166,770; published Nov. 14, 1922.

Golden State Lubricating Company, Los Angeles, Calif. Lubricating oils and greases. 164,700; Feb. 27.

Golden West Packing Co., Los Angeles, Calif. Canned fruits and vegetables. 167,869; May 8; Serial No. 168,679; published Feb. 20, 1923.

Goldenberg's, Washington, D. C. Refrigerators, ice chests, nursery boxes, water coolers. 167,666; May 8; Serial No. 170,643; published Feb. 20, 1923.

Goldenola Talking Machine Co., Los Angeles, Calif. Phonographs. 172,407; Aug. 28; Serial No. 174,732; published May 15, 1923.

Goldie Fruit Co. (See Weinstein, Goldie.)

Goldin, S., & Co., Inc., New York, N. Y. Plush coats. 166,112; Mar. 27; Serial No. 150,673; published Dec. 5, 1922.

Golding Fabrics Corporation, New York, N. Y. Silk, artificial-silk, woolen, worsted, cotton, etc., fabrics in the piece. 165,631; Mar. 13.

Golding Fabrics Corporation, New York, N. Y. Piece goods made of silk. 166,906; Apr. 17; Serial No. 170,276; published Jan. 23, 1923.

Golding Fabrics Corporation, New York, N. Y. Piece goods made of silk. 166,937; Apr. 17; Serial No. 170,278; published Jan. 30, 1923.

Golding Fabrics Corporation, New York, N. Y. Silk piece goods. 167,044; Apr. 24; Serial No. 170,376; published Jan. 30, 1923.

Golding Fabrics Corporation, New York, N. Y. Silk piece goods. 168,870; May 29; Serial No. 170,647; published Mar. 13, 1923.

Golding Fabrics Corporation, New York, N. Y. Piece goods made of silk. 169,800; July 3; Serial No. 170,277; published Mar. 27, 1923.

Golding Fabrics Corporation, New York, N. Y. Fabrics made of silk. 174,190; Oct. 9; Serial No. 181,183; published July 17, 1923.

Golding Fabrics Corporation, New York, N. Y. Fabrics made of silk. 174,200; Oct. 9; Serial No. 180,859; published July 17, 1923.

Golding Fabrics Corporation, New York, N. Y. Fabrics made of silk. 175,183; Oct. 30; Serial No. 181,181; published July 17, 1923.

Golding Fabrics Corporation, New York, N. Y. Piece goods made of silk. 175,315; Nov. 6; Serial No. 181,182; published Aug. 14, 1923.

Golding Fabrics Corporation, New York, N. Y. Fabrics made of silk. 175,444; Nov. 6; Serial No. 183,336; published Aug. 28, 1923.

Goldman Costume Company, Inc., New York, N. Y. Ladies' dressing gowns. 175,988; Nov. 13; Serial No. 155,342; published Aug. 7, 1923.

Goldman, Harry, Chicago, Ill. Advertising devices. 171,996; Aug. 21; Serial No. 169,014; published May 29, 1923.

Goldman, Harry W., doing business as The Harry W. Goldman Co., Baltimore, Md. Middy blouses, ladies', children's, and misses' dresses, knickers, boys' suits, etc. 174,260; Oct. 9; Serial No. 177,484; published July 3, 1923.

Goldman, I., doing business as Goldman's, San Francisco and Oakland, Calif. Ladies' suits, coats, dresses, etc. 174,547; Oct. 16.

Goldman, Sigmund L., doing business as Red Sun Products Co., Chicago, Ill. Bottle cappers. 164,255; Feb. 13.

Goldman, Sigmund L., doing business as Red Sun Products Co., Chicago, Ill. Malt extracts for food purposes. 165,992; Mar. 27; Serial No. 166,068; published Dec. 12, 1922.

Goldman, Sigmund L., doing business as Red Sun Products Co., Chicago, Ill. Sirups for use in making nonalcoholic beverages; 167,169; Apr. 24; Serial No. 171,635; published Jan. 30, 1923.

Goldman, William, doing business as The Modern Pressing Appliances, Brooklyn, N. Y. Steam-pressing machines for clothes. 176,889; Dec. 4.

Goldschmidt, The Firm of Th., Essen-on-the Ruhr, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del. Mordants. 23,707; renewed Oct. 10, 1922.

Goldsmith, David J., doing business as Hagen Import Co., Philadelphia, Pa. Malt extract. 164,903; Feb. 27.

Goldsmith, Henry N., Philadelphia, Pa. Paper towels, paper napkins, wrappers for delicatessen lunches. 176,397; Nov. 27; Serial No. 182,750; published Sept. 11, 1923.

Goldsmith, L., & Son, Inc., Newark, N. J. Trunks. 171,645; Aug. 7.

Goldsmith, Lowenfels & Co. Inc., New York, N. Y. Towels and toweling, textile in nature. 166,204; Mar. 27; Serial No. 171,173; published Jan. 16, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Goldsmith, Nathan, New York, N. Y. Fresh tomatoes. 175,794; Nov. 13; Serial No. 179,664; published Sept. 4, 1923.

Goldsmith, P., Sons Company, The, Cincinnati, Ohio. Footballs, basket balls, baseballs, bats, gloves, etc. 167,104; Apr. 24; Serial No. 169,478; published Jan. 9, 1923.

Goldsmith, P., Sons, Company, The, Cincinnati, Ohio. Shoes, athletic hosiery, pants, sport clothes, etc. 176,359; Nov. 20.

Goldsmith, Stern & Co., New York, N. Y. Watches and watchcases. 165,019; Feb. 27.

Goldsmith, Stern & Co., New York, N. Y. Baby pins, bar pins, bead neckchains, belt buckles, bib holders, etc. 167,780; May 8; Serial No. 171,418; published Feb. 6, 1923.

Goldsmith, Stern & Co., New York, N. Y. Sewing thimbles. 170,379; July 17; Serial No. 174,387; published Mar. 13, 1923.

Goldsmith, Walter A., Cleveland, Ohio. Bloomers. 171,485; Aug. 7; Serial No. 151,987; published May 1, 1923.

Goldsmith, Walter A., Co., The, Cleveland, Ohio. Bloomers. 175,165; Oct. 30; Serial No. 181,116; published Aug. 7, 1923.

Goldsmith's Music Store Co., The, Columbus, Ohio. Pianos, violins, guitars, banjos, and talking machines. 167,326; Apr. 24.

Goldsmith's Music Store Co., The, Columbus, Ohio. Pianos, violins, guitars, banjos, and talking machines. 167,328; Apr. 24.

Goldsmith's, P. S., Sons, Cincinnati, Ohio. Bat bags, baseball caps, bathing caps, college caps, men's sport clothes, ladies' sport clothes, etc. 171,192; July 31; Serial No. 139,353; published May 8, 1923.

Goldstein, Al., New York, N. Y. Men's shirts. 177,581; Dec. 18.

Goldstein Brothers, Santa Cruz, Calif. Beverage sold as a soft drink. 165,621; Mar. 13; Serial No. 167,387; published Jan. 2, 1923.

Goldstein and Fisher Co., Inc., New York, N. Y. Dress shirts and pyjamas. 169,427; June 12.

Goldstein, M., & Company, Chicago, Ill. Ladies' pyjamas, bloomers, and textile-fabric undergarments. 164,838; Feb. 27.

Goldstein, Sam, doing business as Rex Cap Company, Chicago, Ill. Caps and soft hats. 168,656; May 29; Serial No. 166,449; published Feb. 20, 1923.

Goldthorp, Henry, Company, Inc., Philadelphia, Pa. Upholstery and drapery fabrics. 170,650; July 17; Serial No. 170,063; published Apr. 17, 1923.

Goldweb Hat Company, New York, N. Y. Ladies' hats. 172,083; Aug. 21; Serial No. 176,541; published May 22, 1923.

Golf Progress Company. (See Miller, Arnold W.)

Golf Specialty Manufacturing Company, Baltimore, Md. Golf clubs. 169,152; June 12; Serial No. 163,753; published Mar. 20, 1923.

Golitsky, Posner & Hock, Bayonne, N. J. Clothing 177,509; Dec. 18; Serial No. 153,807; published May 16, 1922.

Goll, Robert E., doing business as European Radio Company, Brooklyn, N. Y. Radio equipment. 170,380; July 17; Serial No. 174,388; published Apr. 3, 1923.

Golun Fur Novelty Co., Johnstown, N. Y. Powder puffs. 164,945; Feb. 27.

Gong Bell Manufacturing Company, The, East Hampton, Conn. Toys. 177,421; Dec. 18; Serial No. 165,190; published Oct. 2, 1923.

Good-Grape Company, Chattanooga, Tenn. Carbonated grape drink. 167,019; Apr. 24; Serial No. 162,168; published Jan. 16, 1923.

Good-Grape Company, Chattanooga, Tenn. Nonalcoholic maltless grape drink. 168,305; May 15.

Good-Grape Company, The, Chattanooga, Tenn. Beverages and compounds for making same. 177,327; Dec. 18; Serial No. 178,720; published Oct. 2, 1923.

Good, James, Inc., Philadelphia, Pa. Preparations for destroying weeds, sprays for plants, shrubs, and trees, Bordeaux mixture, etc. 169,685; June 26; Serial No. 166,740; published Mar. 20, 1923.

Good-Wil Lubricating Co., St. Louis, Mo. Lubricating greases and oils. 163,076; Jan. 2.

Goodale Dairy Co. (See Goodale, Robert W.)

Goodale Ice Cream Co. (See Goodale, Robert W.)

Goodale, Robert W., doing business as Goodale Dairy Co., Goodale Ice Cream Co., and Howdy Bottling Works, Centralia, Ill. Beverage made from milk, cocoa, sugar, malted milk, and flavor, and sold as a soft drink, and a sirup for making same. 167,162; Apr. 24; Serial No. 171,214; published Feb. 6, 1923.

Goodall Worsted Co., Sanford, Me., and New York, N. Y. Men's and boys' coats, vests, pants, and knickerbockers. 170,138; July 10; Serial No. 162,546; published Apr. 10, 1923.

Goodbar, Octavia W., doing business as Octavia Walton, Boston, Mass. Greeting cards, sheets, and folders. 177,414; Dec. 18; Serial No. 166,595; published Sept. 25, 1923.

Goodell-Pratt Company, Greenfield, Mass. Arbors, augers, awls, belt tighteners, bench hooks, bench tablets, etc. 165,931; Mar. 20.

Goodlatte, T. R., & Sons (Inc.), Clifton, N. J. Oilcloth. 171,118; July 31; Serial No. 175,193; published Apr. 24, 1923.

Goodlatte, T. R., & Sons, (Inc.), Delawanna, Clifton, N. J. Oilcloth. 177,068; Dec. 11; Serial No. 183,145; published Sept. 18, 1923.

Goodlow Corporation, New York, N. Y. Vests, coats, trousers, and overcoats for men and boys. 169,425; June 12.

Goodman, A., & Sons, Inc., New York, N. Y. Matzoths. 175,824; Nov. 13; Serial No. 162,732; published Sept. 4, 1923.

Goodman, A., & Sons, Inc., New York, N. Y. Alimentary paste products. 176,682; Nov. 27; Serial No. 169,545; published Sept. 11, 1923.

Goodman American Ice Cream Company, Chicago, Ill. Ice cream. 170,648; July 17; Serial No. 169,716; published Apr. 17, 1923.

Goodrich, B. F., Company, The, New York, N. Y. Adhesive tire-repair materials. 163,077; Jan. 2.

Goodrich, B. F., Company, The, New York, N. Y. Hose made of rubber reenforced with fabric. 168,192; May 15; Serial No. 168,884; published Jan. 30, 1923.

Goodrich, B. F., Company, The, New York, N. Y. Hose made of rubber reenforced with fabric. 165,412; Mar. 6; Serial No. 131,966; published Oct. 17, 1922.

Goodrich, B. F., Company, The, New York, N. Y. Pneumatic-tire casings made of rubber combined with fabric. 169,849; July 3; Serial No. 172,472; published Apr. 3, 1923.

Goodrich Drug Company, Anoka, Minn. Liniment for external use for rheumatism, sore throat, colds, etc. 167,228; Apr. 24; Serial No. 169,633; published Feb. 13, 1923.

Goodson, J. F., & Company, doing business as J. F. G. Coffee Co., Morristown, Tenn. Coffee. 171,362; Aug. 7; Serial No. 170,582; published May 8, 1923.

Goodwin, Harry L., doing business as Post-Golden Rule Fuel Co., Kansas City, Mo. Coal. 167,656; May 8; Serial No. 167,871; published Jan. 9, 1923.

Goodwin, Harry L., doing business as The Coney Cone Company, assignor to C. G. Rowan, Kansas City, Mo. Ice-cream cones. 173,618; Oct. 2; Serial No. 165,258; published July 3, 1923.

Goodwin, J. V., & Co. (See Van Goodwin, J.)

Goodwin Oyster Company, The, Columbus, Ohio. Fresh oysters. 163,817; Jan. 30.

Goodyear Rubber Co., San Francisco, Calif. Rubber and oiled coats and jackets. 168,121; May 15; Serial No. 158,612; published Jan. 30, 1923.

Goodyear Rubber Co., San Francisco, Calif. Rubber and oiled coats and jackets. 168,122; May 15; Serial No. 158,613; published Feb. 20, 1923.

Goodyear Rubber Company, Middletown, Conn. Rubber boots and shoes and arctic overshoes. 170,611; July 17; Serial No. 176,338; published Apr. 17, 1923.

Goodyear Rubber Company, Middletown, Conn. Rubber boots and shoes and arctic overshoes. 173,885; Oct. 2; Serial No. 176,337; published July 10, 1923.

Goodyear Rubber Company, New York, N. Y., and St. Paul, Minn. Rubber boots and shoes. 169,411; June 12.

Goodyear Rubber Company, New York, N. Y. Rubber and leather goods, and waterproof oiled fabrics. 23,455–6; renewed Aug. 8, 1923.

Goodyear Tire & Rubber Company, The, Akron, Ohio. Rubber or composition heels and soles for boots and shoes. 166,827; Apr. 17; Serial No. 170,934; published Jan. 23, 1923.

Goodyear Tire & Rubber Company, The, Akron, Ohio. Vehicle tires. 163,866; Jan. 30.

Goodyear Tire & Rubber Company, The, Akron, Ohio. Tires comprised wholly or in part of rubber. 167,685; May 8; Serial No. 156,991; published Feb. 6, 1923.

Goodyear Tire & Rubber Company, The, Akron, Ohio. House-organ publications. 172,044; Aug. 21; Serial No. 157,566; published May 8, 1923.

Goodyear Tire & Rubber Company, The, Akron, Ohio. Rubber belting. 177,126; Dec. 11; Serial No. 109,059; published Oct. 7, 1919.

Goodyear Tire & Rubber Company, The, Akron, Ohio. Airships, balloons, kites, aviation and aeronautical accessories. 174,449; Oct. 16; Serial No. 164,498; published July 3, 1923.

Goodyear Tire & Rubber Company, Akron, Ohio. Vehicle rims, automobiles, motor trucks, etc. 176,897; Dec. 4.

Goodyear Waterproof Company. (See Lobel, Benjamin.)

Goos-O-Rubb Co. (See Fingl, Anton W.)

Gordon, Gordon, Chicago, Ill. Rouges and lip sticks. 170,991; July 24.

Gordon, Joseph P., doing business as The Health Buckle Belt Co., Rockford, Ill. Belts. 172,509; Aug. 28.

Gordon, Mac, doing business as Saigo Varnish Works, New York, N. Y. Varnish. 172,414; Aug. 28; Serial No. 178,721; published May 29, 1923.

Gordon-Pagel Company, Detroit, Mich. Bread. 167,265; Apr. 25; Serial No. 153,596; published Feb. 6, 1923.

Gordone, Robbie, Chicago, Ill. Hair wavers. 167,632; May 1; Serial No. 166,681; published Nov. 14, 1922.

Gorham Chocolate Company, Inc., Brooklyn, N. Y. Candy. 166,505; Apr. 3; Serial No. 163,269; published Jan. 9, 1923.

Gorham Manufacturing Company, Providence, R. I. Desk sets, pens, lead pencils, envelopes, etc. 175,293; Nov. 6; Serial No. 152,245; published Aug. 14, 1923.
Gorham Manufacturing Company, Providence, R. I. Pipes, cigar and cigarette holders, cases, boxes, etc. 177,429; Dec. 18; Serial No. 152,246; published Sept. 25, 1923.
Gorton, Charles W., doing business as Wesco Sales Agency, Los Angeles, Calif. Shock absorbers. 172,510; Aug. 28.
Gorton-Pew Fisheries Co. (See Pew, John & Son, assignor.)
Gorton-Pew Fisheries Company, Gloucester, Mass. Canned potatoes and salt fish combined for fish cakes. 169,562; June 19.
Gorton-Pew Fisheries Company, Gloucester, Mass. Smoked herring. 173,570; Sept. 25.
Gorton-Pew Fisheries Company, Gloucester, Mass. Potatoes and salt fish combined for fish cakes. 174,518; Oct. 16; Serial No. 177,909; published July 24, 1923.
Gorton-Pew Fisheries Company, Gloucester, Mass. Salt codfish. 174,601; Oct. 23; Serial No. 177,910; published July 24, 1923.
Goshen Churn & Ladder Company, The, Goshen, Ind. Ladders. 174,772; Oct. 23; Serial No. 171,315; published July 24, 1923.
Goshen Churn & Ladder Company, The, Goshen, Ind. Ladders and step stools. 175,005; Oct. 30; Serial No. 171,314; published Aug. 7, 1923.
Goshen Manufacturing Co., The, Goshen, Ind. Ladders. 167,923; May 8; Serial No. 170,245; published Feb. 20, 1923.
Gosney, Cyrus W., Oakland, Calif. Pies, cakes, bread, and pastries. 172,463; Aug. 28; Serial No. 169,757; published May 8, 1923.
Gotham Aseptic Laboratories. (See Radetzky, Abraham.)
Gotham Corporation, The, New York, N. Y. Laxatives and corrective preparations. 172,521; Sept. 4; Serial No. 173,928; published Apr. 17, 1923.
Gotham Corporation, The, New York, N. Y. Preparation for the treatment of constipation and its symptoms. 174,355; Oct. 16; Serial No. 177,040; published July 10, 1923.
Gotham Corporation, The, New York, N. Y. Preparations for the prevention and treatment of obesity. 177,358; Dec. 18; Serial No. 181,887; published Sept. 25, 1923.
Gotham Knitting Mills, New York, N. Y. Knitted sweaters. 169,318; June 12; Serial No. 170,064; published Mar. 20.
Gotham Knitting Mills, New York, N. Y. Sweaters, scarfs, knitted suits, and dresses, etc. 171,775; Aug. 14; Serial No. 173,233; published May 22, 1923.
Gotthelf, Harry J., Minneapolis, Minn. Hand bags. 163,688; Jan. 23.
Gottlieb, Joseph, doing business as Acorn Watch Case Co., New York, N. Y. Watches and watchcases. 169,497; June 19; Serial No. 154,269; published Mar. 27, 1923.
Gottlieb, Joseph, New York, N. Y. Watches, watch movements, and parts thereof. 174,632; Oct. 23; Serial No. 179,665; published July 24, 1923.
Gottmann, Theodore, & Sons, doing business as "Gottman's," Chicago, Ill. Candy bar. 164,738; Feb. 27.
Gottmann, Theodore, & Sons, doing business as "Gottmann's," Chicago, Ill. Chocolate candy bar. 171,366; Aug. 7; Serial No. 170,015; published May 8, 1923.
"Gottman's." (See Gottmann, Theodore, & Sons.)
Gottschalk, Steinberg & Co. Inc., New York, N. Y. Veils. 170,890; July 24; Serial No. 160,286; published Sept. 5, 1922.
Gottschall, Amos H., assignor to P. B. Gottschall, Harrisburg, Pa. Salves, pills, vermifuge, liniment, and cough balm. 22,471; renewed Feb. 14, 1923.
Goudey Gum Company, The, Boston, Mass. Chewing gum. 172,781; Sept. 11; Serial No. 156,001; published June 5, 1923.
Gould, Edward H., doing business as Gould Mfg. Co., Philadelphia, Pa. Liniment for the treatment of rheumatism, neuritis, lumbago, sprains, etc. 169,096; June 5.
Gould, F. L., doing business as Alaskan Fur Company, Houston, Tex. Fur garments. 168,070; May 15; Serial No. 162,401; published Feb. 20, 1923.
Gould Manufacturing Co., Inc., Birmingham, Ala. Chemically-treated cloths for wiping glass. 165,055; Mar. 6; Serial No. 166,685; published Dec. 19, 1922.
Gower, William M., Atlanta, Ga. Antiseptic salve. 164,338; Feb. 20.
Grace Chocolate Company, Baltimore, Md. Maltless sirups for fountain drinks. 164,889; Feb. 27.
Grace Chocolate Company, Baltimore, Md. Candy. 168,678; May 29; Serial No. 169,207; published Mar. 6, 1923.
Grace, W. R., & Co., New York, N. Y., and San Francisco, Calif. Textile fabrics consisting of cotton, woolen, and silk piece goods. 166,826; Apr. 17; Serial No. 171,269; published Feb. 6, 1923.
Grace, W. R., & Co., New York, N. Y., and San Francisco, Calif. Textile fabrics consisting of cotton piece goods. 169,676; June 26; Serial No. 173,927; published Mar. 27, 1923.
Grace, W. R., & Co., New York, N. Y., and San Francisco, Calif. Textile fabrics consisting of cotton piece goods. 170,229; July 10; Serial No. 174,898; published Apr. 3, 1923.
Grace, W. R., & Co., New York, N. Y., and San Francisco, Calif. Hosiery and men's knitted and textile underwear. 173,331; Sept. 25; Serial No. 171,270; published June 26, 1923.
Gracenet Co., Inc., The, New York, N. Y. Hair nets. 171,407; Aug. 7; Serial No. 176,404; published May 8, 1923.
Gradisar, Frank, Ely, Minn. Palliative for rheumatism, itchings, skin diseases, etc. 168,820; May 29; Serial No. 170,134; published Feb. 20, 1923.
Grady, M. J., Company, Incorporated, The, New York, N. Y. Cordage—namely, sash cord. 163,078; Jan. 2.
Grady, M. J., Company, Incorporated, The, New York, N. Y. Threads and yarns. 167,770; May 8; Serial No. 170,078; published Feb. 13, 1923.
Grady, M. J., Company, Incorporated, The, New York, N. Y. Twine and rope or cordage made from flax or linen. 168,224; May 15; Serial No. 172,220; published Feb. 13, 1923.
Grady Mfg. Co., The, Long Island City, N. Y. Furniture polish. 166,376; Apr. 3; Serial No. 169,806; published Dec. 5, 1922.
Grady Mfg. Co., Long Island City, N. Y. Metal cleaner and polish. 167,544; May 1; Serial No. 170,583; published Jan. 2, 1923.
Graf, Anton, New York, N. Y. Letter files. 163,327; Jan. 9.
Graf, William, doing business as Southwark Beverage & Products Co., Philadelphia, Pa. Malt sirups for beverage purposes. 177,334; Dec. 18; Serial No. 181,443; published Oct. 2, 1923.
Graffin & Dolson, New York, N. Y. Cretonnes in the piece. 172,847; Sept. 11; Serial No. 176,462; published June 5, 1923.
Graham Bros. Soap Company, Chicago, Ill. Toilet soap. 163,434; Jan. 9.
Graham Bros. Soap Company, Chicago, Ill. Toilet soap. 165,240; Mar. 6.
Graham Bros. Soap Company, Chicago, Ill. Shampoo. 172,726–7; Sept. 11; Serial Nos. 174,573–4; published May 22, 1923.
Graham Brothers, Evansville, Ind. Motor trucks and automobiles. 170,489; July 17; Serial No. 172,272; published May 1, 1923.
Graham Chemical Company, Greensboro, N. C. Liquid disinfectant. 174,150; Oct. 2.
Graham Co. Inc, The, New York, N. Y. Mixed nuts. 167,333; Apr. 24.
Graham Co. Inc., The, New York, N. Y. Mixed nuts. 177,597; Dec. 18.
Graham, Edward A., doing business as Alfred Graham & Co., London, England. Telephonic receivers. 172,993; Sept. 11; Serial No. 176,021; published June 5, 1923.
Graham, King R., Inc., New York, N. Y. Puff paste compound, oleomargarine, butter, nut butter, etc. 165,152; Mar. 6; Serial No. 145,396; published Nov. 7, 1922.
Graham Mill & Elevator Co., Graham, Tex. Wheat flour. 171,033; July 31; Serial No. 159,311; published Mar. 27, 1923.
Graham, Robt. J., Cashmere, Wash. Fresh boxed apples. 173,963; Oct. 2; Serial No. 171,536; published July 17, 1923.
Graham Sanitarium, The. (See Thompson Barlow Company.)
Graham, William, New York, N. Y. Leather. 170,436; July 17; Serial No. 171,693; published Apr. 10, 1923.
Graham, William A., doing business as Parkstone Laboratory, Chicago, Ill. Biliary antiseptic. 173,484; Sept. 25; Serial No. 175,862; published June 26, 1923.
Graigen, Rudolph F., New York, N. Y. Bathing caps. 171,302; Aug. 7; Serial No. 164,757; published May 1, 1923.
Grain Belt Mills Company, South St. Joseph, Mo. Horse, dairy, hen, and chick feed, egg mash, etc. 172,513; Sept. 4; Serial No. 172,154; published May 1, 1923.
Grain Export Co. (See Garza Pablo G.)
Gramana Dairy Co. (See Richards, Anna M.)
Grand Forks Bottling Works, The, Grand Forks, N. Dak. Ginger ale, cream soda, root beer, and other soft drinks. 171,599; Aug. 7; Serial No. 176,266; published May 22, 1923.
Grand Lake & Gulf Shrimp Company, Westwego, La. Canned shrimp. 175,294; Nov. 6; Serial No. 156,740; published Aug. 14, 1923.
Grand Lake & Gulf Shrimp Company, Westwego, La. Canned shrimp. 176,533–4; Nov. 27; Serial Nos. 182,512–13; published Sept. 11, 1923.
Grand Rapids Fibre Cord Company, Grand Rapids, Mich. Fiber cord used in making wicker or fiber furniture. 165,200; Mar. 6; Serial No. 167,388; published Dec. 12, 1922.
Grand Rapids Label Co., Grand Rapids, Mich. Gummed labels. 163,328; Jan. 9.
Grand Rapids Toy Manufacturing Company, Grand Rapids, Mich. Toys—namely, wooden animal toys, toy furniture, etc. 164,739; Feb. 27.
Grand View Heights Citrus Assn., Terra Bella, Calif. Fresh citrus fruits. 163,329–30; Jan. 9.

Alphabetical list of registrants of trade-marks—Continued.

Grande Maison de Blanc, Inc., New York, N. Y. Handkerchiefs, lace trimmings, ribbons, etc. 174,937; Oct. 30; Serial No. 175,142; published June 5, 1923.

Grande Maison de Blanc, Inc., New York, N. Y. Brassières, corsets, camisoles, chemises, nightgowns, etc. 175,522; Nov. 6; Serial No. 175,141; published Aug. 23, 1923.

Granger Mineral Co., Camas, Wash. Medicinal preparation for internal use in the treatment of chronic disorders of the stomach, kidneys, liver, etc. 173,270; Sept. 18; Serial No. 175,014; published June 19, 1923.

Grangers Manufacturing Co., Boston, Mass. Whiting for industrial purposes. 175,222; Oct. 30.

Granite Cordage Company, Granite Falls, and Hickory, N. C. Cords, twines, ropes, and lines of fiber material. 168,838; May 29; Serial No. 170,682; published Feb. 13, 1923.

Granite Cordage Company, Granite Falls and Hickory, N. C. Cords, twines, ropes, and lines. 175,873; Nov. 13; Serial No. 179,196; published Sept. 4, 1923.

Graniteville Measuring Company, Graniteville, S. C. Cotton piece goods. 173,067; Sept. 11.

Grant Motor Car Corporation, Cleveland, Ohio. Motor cars. 169,133; June 12; Serial No. 132,237; published Feb. 27, 1923.

Grant Watkins Co., Inc., Boston, Mass. Cleansing and finishing cream, toilet waters, perfumes, sachet powder, etc. 172,356; Aug. 28; Serial No. 173,483; published May 15, 1923.

Grant, William M., & Son., Johnstown, N. Y. Ladies' silk underwear, sport hats, hosiery, etc. 170,123; July 10; Serial No. 164,104; published Oct. 10, 1922.

Grant, Wm., & Sons, Ltd., Dufftown, Scotland. Scotch whisky. 177,462; Dec. 18; Serial No. 177,222; published Oct. 2, 1923.

Grant, Wm., & Sons, Ltd., Dufftown, Scotland. Scotch whisky. 177,467; Dec. 18; Serial No. 177,221; published Oct. 2, 1923.

Grant, W. T., Co., New York, N. Y. Children's hosiery. 166,715; Apr. 10; Serial No. 155,167; published May 9, 1922.

Grant, W. T., Company, Lynn, Mass., and New York, N. Y. Furniture polish. 170,760; July 24; Serial No. 176,405; published Apr. 24, 1923.

Grant, W. T., Company, Lynn, Mass. Paintbrushes. 171,349; Aug. 7; Serial No. 173,326; published May 1, 1923.

Grant, W. T., Company, Lynn, Mass., and New York, N. Y. Electric hair-curling irons. 174,367; Oct. 16; Serial No. 175,656; published June 12, 1923.

Grant, W. T., Company, New York, N. Y. Candy. 174,769; Oct. 23; Serial No. 170,881; published Aug. 14, 1923.

Grant, W. T., Company, Lynn, Mass., and New York, N. Y. Men's shirts. 176,255; Nov. 20; Serial No. 180,472; published Sept. 11, 1923.

Grant, W. T., Company, New York, N. Y. Hammers and hatchets. 175,283; Oct. 30.

Grant, W. T., Company, New York, N. Y. Safety pins. 177,390; Dec. 18; Serial No. 181,829; published Oct. 2, 1923.

Graphoto Company, Boston, Mass. Coated glass plates for etching, drawing, and hand negatives. 174,581; Oct. 23; Serial No. 163,387; published July 24, 1923.

Grasselli Chemical Company, The. Cleveland, Ohio. Dyes and dyestuffs. 164,611; Feb. 20.

Grasselli Chemical Company, The, Cleveland, Ohio. Dyes and dyestuffs. 169,838; July 3; Serial No. 172,987; published Mar. 6, 1923.

Grasselli Chemical Company, The, Cleveland, Ohio. Dyes and dyestuffs. 169,839; July 3; Serial No. 172,986; published Apr. 3, 1923.

Grasselli Chemical Company, The, Cleveland, Ohio. Dyes and dyestuffs. 173,125; Sept. 18; Serial No. 157,922; published June 12, 1923.

Grauert, Ralph W., New York, N. Y. Gold and bronze leaf. 177,395; Dec. 18; Serial No. 181,391; published Oct. 2, 1923.

Grauert, Ralph W., doing business as R. W. Grauert Co., New York, N. Y. Bronze, aluminum, black, white, and color stamping leaf for use on hot press. 177,729; Dec. 25; Serial No. 176,340; published Oct. 9, 1923.

Graves, N. Z., Incorporated, Philadelphia, Pa. Varnishes, paints, both ready mixed and paste, japans. 166,461; Apr. 3; Serial No. 169,548; published Jan. 9, 1923.

Gravin, Samuel L., doing business as Gravin Laboratories, New York, N. Y. Preparation for treatment of piles, tumors, eczema, and all skin erruptions. 175,712; Nov. 6.

Gravity Appliance Company. (See Banning, Edmund P.)

Gray, Arbaces B., doing business as A. B. Gray Company, Sullivan, Ind. Prepared mustard, vinegar, tomato catchup, coffee, etc. 173,933; Oct. 2; Serial No. 177,485; published July 17, 1923.

Gray & Bretey Co., New York, N. Y. Luminous paint. 176,031; Nov. 13; Serial No. 179,199; published Sept. 4, 1923.

Gray, Jane, Company, Inc., New York, N. Y. Dolls. 164,540; Feb. 20.

Gray, Jane, Company, Inc., New York, N. Y. Dolls. 165,451; Mar. 13; Serial No. 171,455; published Jan. 2, 1923.

Gray Motor Corporation, Detroit, Mich. Internal-combustion engines. 166,877; Apr. 17; Serial No. 156,489; published Nov. 28, 1922.

Gray, P. N., & Company, Inc., New York, N. Y. Wheat flour. 177,113; Dec. 11; Serial No. 174,735; published Sept. 18, 1923.

Gray Wood Heel Co., Lynn, Mass. Wood heels. 172,123; Aug. 21; Serial No. 175,143; published May 22, 1923.

Grayland Cranberry Growers, Grayland, Wash. Fresh cranberries. 177,093; Dec. 11; Serial No. 171,316; published Sept. 25, 1923.

Gray's Laboratory, Inc., New York, N. Y. Cleaning fluids for use on fabrics, leather goods, etc. 177,796; Dec. 25.

Greanias, Tom G., Decatur, Ill. Cigars. 168,076; May 15; Serial No. 158,307; published Feb. 27, 1923.

Great Atlantic and Pacific Tea Company, Jersey City, N. J. Shelled nuts in their natural state. 169,197; June 12; Serial No. 169,744; published Mar. 27, 1923.

Great Atlantic and Pacific Tea Company, The, Jersey City, N. J. Chocolates. 170,754; July 24; Serial No. 173,417; published Apr. 24, 1923.

Great Atlantic and Pacific Tea Company, The, Jersey City, N. J. Butter. 172,763; Sept. 11; Serial No. 174,776; published June 5, 1923.

Great Atlantic and Pacific Tea Company, The, Jersey City, N. J. Cottonseed oil for frying, cooking, etc. 174,609; Oct. 23; Serial No. 176,106; published July 24, 1923.

Great Falls Manufacturing Company, Somersworth, N. H. Cotton sheets and sheeting. 163,578; Jan. 23.

Great Falls Manufacturing Company, Somersworth, N. H. Cotton piece goods. 171,189; July 31; Serial No. 157,367; published Apr. 3, 1923.

Great Northern Fur Dyeing and Dressing Company. (See Pierini, Attilio.)

Great Notch Paper Company, Inc., New York, N. Y. Wrapping paper. 172,915; Sept. 11; Serial No. 178,502; published June 5, 1923.

Great Southern Refining Company, Lexington, Ky. Lubricating oils and greases. 176,466; Nov. 27; Serial No. 176,078; published Sept. 18, 1923.

Great West Mill & Elevator Co., Amarillo, Tex. Mixed feed manufactured from Kafir corn, milo maize, and wheat bran. 167,552; May 1; Serial No. 165,680; published Dec. 12, 1922.

Great Western Food Co. (See Hunsaker, Ernest D.)

Great Western Oil Company, The, Cleveland, Ohio. Motor oil. 165,771; Mar. 20; Serial No. 159,699; published Jan. 2, 1923.

Great Western Smelting & Refining Company, Chicago, Ill. Solder. 163,657; Jan. 23.

Greater Manhattan Knitting Mills, Inc., New York, N. Y. Boys' and men's sweaters. 175,969; Nov. 13; Serial No. 162,545; published Sept. 4, 1923.

Greater N. Y. Hat & Cap Works, New York, N. Y. Men's and boys' hats. 166,846; Apr. 17; Serial No. 166,229; published Jan. 9, 1923.

Greater New York Distributing Co., New York, N. Y. Publication issued daily. 163,714–15; Jan. 23.

Greater New York Distributing Co., New York, N. Y. Publication issued daily. 163,743; Jan. 23.

Grebe, A. H., & Co., Inc., Richmond Hill, N. Y. Radio receiving apparatus and a combined radio receiving and phonograph apparatus. 164,391; Feb. 20.

Greco, Felix V., doing business as The Hairvita Hair Tonic Co., Philadelphia, Pa. Liquid hair tonic. 177,450; Dec. 18; Serial No. 182,051; published Sept. 25, 1923.

Green, A. P., Fire Brick Co., Mexico, Mo. Fire brick, fire-brick patching material, and plastic furnace lining. 168,512; May 22.

Green, A. P., Fire Brick Co., Mexico, Mo. Fire brick, fire-brick cement, fire clay, and tile. 171,609–12; Aug. 7; Serial Nos. 173,486–9; published May 1, 1923.

Green, A. P., Fire Brick Co., Mexico, Mo. Fire brick, fire brick cement, and fire-clay tile. 176,100; Nov. 13.

Green, Charles L., New Orleans, La. Hair grower and dandruff preparation. 175,573; Nov. 6; Serial No. 181,023; published Aug. 28, 1923.

Green & Company, Chicago, Ill. Butter and eggs. 167,119; Apr. 24; Serial No. 164,900; published Dec. 19, 1922.

Green & Green Company, The, Dayton and Cincinnati, Ohio. Crackers and cakes and cracker meal. 172,458; Aug. 28; Serial No. 158,772; published May 15, 1923.

Greenan, Michael, Pawtucket, R. I. Light supports. 167,454; May 1; Serial No. 161,879; published Jan. 30, 1923.

Greenberg, Harry, Co., Inc., New York, N. Y. Women's and misses' coats, cloaks, and suits. 168,022; May 8.

Greenberg-Kantor Company, Kansas City, Mo. Cotton pants, khaki pants, work shirts, and overalls. 169,535; June 19; Serial No. 168,033; published Jan. 30, 1923.

Greenberg, Nathan N., Philadelphia, Pa. Suits and coats for boys, dresses, rompers, and creepers for children. 166,643; Apr. 10; Serial No. 165,789; published Jan 9, 1923.

Greene, Jesse N., doing business as J. N. Greene Co., Norfolk, Va. Stimulating tonic for kidney and bladder derangements. 176,990; Dec. 11; Serial No. 179,467; published Sept. 11, 1923.

Greene, William C., Company, Providence, R. I. Pins, buckles, clasps, buttons, watch chains, neck chains, etc 170,455; July 17; Serial No. 172,331; published Apr. 3, 1923.

Greenebaum, Weil & Michels, San Francisco, Calif. Hosiery. 171,256; July 31; Serial No. 169,590; published May 8, 1923.

Greenfield's, E., Sons, New York and Brooklyn, N. Y. Chocolates and candies. 168,826; May 29; Serial No. 170,386; published Mar. 13, 1923.

Greenfield's E., Sons, New York and Brooklyn, N. Y. Chocolate candies. 168,871; May 29; Serial No. 170,382; published Mar. 13, 1923.

Greenfield's, E., Sons, New York and Brooklyn, N. Y. Chocolates and candies. 168,872; May 29; Serial No. 170,378; published Mar. 13, 1923.

Greenfield's, E., Sons, New York and Brooklyn, N. Y. Chocolates and candies. 169,913; July 3; Serial No. 170,377; published Apr. 3, 1923.

Greenfield's, E., Sons, New York and Brooklyn, N. Y. Chocolates and candies. 170,088–9; July 10; Serial Nos. 170,383–4; published Apr. 10, 1923.

Greenfield's, E., Sons, New York and Brooklyn, N. Y. Chocolates and candies. 170,495; July 17; Serial No. 170,381; published Apr. 24, 1923.

Greenfield's, E., Sons, New York and Brooklyn, N. Y. Chocolates and candies. 170,824; July 24; Serial No. 170,380; published Apr. 24, 1923.

Greenfield's, E., Sons, New York and Brooklyn, N. Y. Chocolates and candies. 171,240; July 31; Serial No. 170,385; published May 15, 1923.

Greenfield's, E., Sons, New York and Brooklyn, N. Y. Chocolates and candies. 175,787; Nov. 13; Serial No. 179,790; published Sept. 4, 1923.

Greenhalgh Mills, Pawtucket, R. I. Cotton piece goods—viz, pongee. 163,895; Feb. 6.

Greenslade, Arthur E., Brixton, London, England. Electrical apparatus—namely, switches and resistances, wireless apparatus. 166,236; Mar. 27; Serial No. 165,373; published Nov. 14, 1922.

Greenstone, Abraham, New York, N. Y. Men's and boys' shirts. 173,512; Sept. 25.

Greenup Broom Co. Inc., Greenup, Ill. Brooms. 168,250; May 15; Serial No. 173,418; published Feb. 27, 1923.

Greenwald Brothers Incorporated, Philadelphia, Pa. Hosiery. 173,422; Sept. 25; Serial No. 157,032; published June 26, 1923.

Greenwald, Friedman & Co., Inc., New York, N. Y. Tailor-made dresses. 173,699; Oct. 2; Serial No. 177,184; published June 19, 1923.

Greenwald Packing Company, Baltimore, Md. Hams, bacon, lard, and sausage. 163,843–4; Jan. 30.

Greenwald Packing Company, Baltimore, Md. Hams, bacon, lard, and sausage. 168,804; May 29; Serial No. 157,150; published Mar. 6, 1923.

Gregory, O. L., Vinegar Co., The, Paris, Tex. White distilled vinegar. 169,029; May 29.

Greig, John, London, England. Apparatus for playing a game of chance. 171,528; Aug. 7; Serial No. 176,022; published May 8, 1923.

Greist Mfg. Company, The, New Haven, Conn. Manual holder for razor blades. 168,917; May 29; Serial No. 152,748; published Mar. 6, 1923.

Grennan Cake Corporation, Cleveland, Ohio; Detroit, Mich.; St. Paul and Minneapolis, Minn.; and Chicago, Ill. Cakes, cookies, and fried cakes. 166,148; Mar. 27; Serial No. 157,031; published Oct. 31, 1922.

Grennan Cake Corporation, Chicago, Ill. Cakes, cookies, and fried cakes. 171,483; Aug. 7; Serial No. 153,179; published May 22, 1923.

Grennan Cake Corporation, Detroit, Mich. Casters. 175,300; Nov. 6; Serial No. 181,593; published Aug. 14, 1923.

Grenoville, Marie M. Richard Vve., doing business as Parfumerie Grenoville, Asnieres, France. Liquid adhesive toilet powder. 177,048; Dec. 11; Serial No. 180,370; published Sept. 18, 1923.

Greschler Brothers, Brooklyn, N. Y. Polish for pianos, automobiles, furniture, etc. 163,501; Jan. 16.

Grey, Frank S., Sacramento, Calif. Pills for the relief of liver complaint, constipation, etc. 175,646; Nov. 6; Serial No. 180,537; published Aug. 28, 1923.

Grier-Sutherland Co., Detroit, Mich. Small storage batteries. 169,406; June 12.

Gries, Joseph M., Battle Mountain, Nev. Ice cream. 173,274; Sept. 18; Serial No. 174,832; published June 19, 1923.

Griffin, Robert, Company, The, Jersey City, N. J. Wall paper. 171,143; July 31; Serial No. 161,250; published May 1, 1923.

Griffin, William R., West Norwood, N. J. Moth-preventive. 174,374; Oct. 16; Serial No. 167,720; published July 17, 1923.

Griffing Manufacturing Co., The, Norwalk, Conn. Braids, tinsel braids, cord edge, tubular, soutache, etc., braids. 174,843; Oct. 23; Serial No. 177,776; published July 31, 1923.

Griffith-Durney Co., San Francisco, Calif. Canned fruits and vegetables. 170,831; July 24; Serial No. 170,016; published May 8, 1923.

Griffiths, David R., doing business as Donaldson & Co., Glasgow, Scotland. Golf clubs, balls, bags, irons, and tees. 172,302; Aug. 28; Serial No. 175,390; published May 29, 1923.

Griggs Bros. Co., Toledo, Ohio. Honey. 177,134–6; Dec. 11; Serial Nos. 149,694–6; published Sept. 26, 1922.

Griggs Bros. Co., The, Toledo, Ohio. Honey. 177,139; Dec. 11; Serial No. 149,697; published Sept. 26, 1922.

Grigsby-Grunow-Hinds Co., Chicago, Ill. Windshield visors for automobiles. 174,947–8; Oct. 30; Serial Nos. 167,390–1; published Aug. 14, 1923.

Grigsby-Grunow-Hinds Co., Chicago, Ill. Reels of electric connecting conductors. 175,993; Nov. 13; Serial No. 162,991; published Sept. 4, 1923.

Grimes, David, doing business as Grimes Radio Engr. Co., New York, N. Y. Radio receiving outfits. 171,042; July 31; Serial No. 174,657; published Apr. 24, 1923.

Grimm & Schlegelmilch, Yankton, S. Dak. Cigars. 163,331; Jan. 9.

Grindle Fuel Equipment Company, Harvey, Ill. Apparatus for preparing, conveying, and burning comminuted fuel. 172,953; Sept. 11; Serial No. 175,551; published June 5, 1923.

Grinnell, Willis, assignor to Ridley Watts & Co., New York, N. Y. Bleached, brown, and printed cotton goods. 22,903; renewed May 2, 1923.

Grinnell, Willis, assignor to Ridley Watts & Co., New York, N. Y. Bleached, brown, and printed cotton goods. 23,022; renewed May 16, 1923.

Grip Bow Tie Company, Omaha, Nebr. Neckties. 173,231; Sept. 18; Serial No. 173,353; published June 19, 1923.

Gripx, Manufacturing Co., Waunakee, Wis. Door-knob fasteners. 175,944; Nov. 13; Serial No. 173,079; published Aug. 28, 1923.

Griscom-Russell Company, The, New York, N. Y. Dump bodies for automobile trucks. 165,058; Mar. 6; Serial No. 166,527; published Dec. 5, 1922.

Griswold Manufacturing Company, The, Erie, Pa. Teakettle. 168,953; May 29; Serial No. 172,155; published Mar. 6, 1923.

Griswold Manufacturing Company, The, Erie, Pa. Dutch ovens. 170,475; July 17; Serial No. 172,156; published Apr. 17, 1923.

Griswoldville M'f'g Co., New York, N. Y. Unmedicated gauze. 171,533; Aug. 7; Serial No. 175,310; published May 8, 1923.

Grobel, Ewald, Philadelphia, Pa. Hosiery. 174,995; Oct. 30; Serial No. 172,876; published Aug. 7, 1923.

Groeniger Manufacturing Company, The, Columbus, Ohio. Plumbers' ware. 176,586; Nov. 27; Serial No. 177,486; published Sept. 18, 1923.

Grohs, George J., Torrington, Conn. Healing salve for abrasions, ulcers, cuts, bruises, etc. 163,079; Jan. 2.

Gropper Knitting Mills, Inc., New York, N. Y. Scarfs and neckties. 169,420; June 12.

Gropper Knitting Mills, Inc., New York, N. Y. Dress goods and all knit fabrics. 175,077; Oct. 30; Serial No. 169,807; published Aug. 7, 1923.

Grosberg, Joseph E., doing business as Grosberg Packing Co., Schenectady, N. Y. Canned fruits and vegetables and spices. 169,343; June 12; Serial No. 170,683; published Mar. 27, 1923.

Grosley, Armand, Paris, France. Vaccines. 164,153; Feb. 13.

Grosner, Gerald D., doing business as Grosner's, Washington, D. C. Men's dress and negligee shirts, nightshirts, and pyjamas. 173,228; Sept. 18; Serial No. 173,419; published June 19, 1923.

Gross, Fred H., Wilkes-Barre, Pa. Shaving cream in the form of a soap paste used before shaving. 168,617; May 29; Serial No. 169,167; published Feb. 13, 1923.

Gross, L. N., Company, The. Cleveland, Ohio. Aprons bungalow aprons, and dresses. 163,579; Jan. 23.

Gross, L. N., Company, The, Cleveland, Ohio. Women's bloomers. 169,769; July 3; Serial No. 169,240; published Apr. 3, 1923.

Gross, William H., doing business as Bel-Mont Laboratories, Philadelphia, Pa. Medicinal preparation used in the treatment of eczema. 164,450; Feb. 20.

Gross, Wm. H., Chemical Company, San Antonio, Tex. Chemicals, medicines, and pharmaceutical preparations. 170,097; July 10; Serial No. 169,295; published Apr. 10, 1923.

Grosser, Walter C., doing business as Grosser Mfg. Co., Cleveland, Ohio. Faucets, cocks, etc. 173,972; Oct. 2; Serial No. 172,592; published July 10, 1923.

Grossfeld, S. E., & Co., Chicago, Ill. Fruit preserves and honey. 176,934; Dec. 4.

Grossman, Elenore, New York. Sport clothes for women. 166,723; Apr. 10; Serial No. 160,936; published Jan. 9, 1923.

Grossman, Jacob, doing business as Giant Umbrella Co., New York, N. Y. Umbrellas and parasols. 174,366; Oct. 16; Serial No. 176,342; published July 10, 1923.

Grossman, Jacob, doing business as Giant Umbrella Co., New York, N. Y. Umbrellas and parasols. 177,569; Dec. 18; Serial No. 176,341; published Sept. 11, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Grossman, Joseph, doing business as Kasdum Flour Company, Steubenville, Ohio. Winter-wheat flour. 167,239; Apr. 24; Serial No. 159,356; published Feb. 6, 1923.
Grossman, Julius, Inc., Brooklyn, N. Y. Women's shoes, high and low models. 172,103; Aug. 21; Serial No. 173,490; published May 22, 1923.
Grossman, L. E., Inc., New York, N. Y. Shoes. 171,837; Aug. 14; Serial No. 171,637; published May 8, 1923.
Grossman Shoe Co., The, Chicago, Ill. Leather boots, shoes, oxfords, and low quarters. 172,078; Aug. 21; Serial No. 176,267; published May 22, 1923.
Grossmith, J., & Son, Limited, London, England. Perfumed soap. 169,545; June 19; Serial No. 170,978; published Mar. 20, 1923.
Grossmith, J., & Son, Limited, London, England. Perfume and face powder. 169,598; June 26; Serial No. 170,979; published Mar. 20, 1923.
Grossmith, J., & Son, Limited, London, England. Lavender water. 169,665; June 26; Serial No. 170,976; published Mar. 20, 1923.
Grossmith, J., & Son, Limited, London, England. Toilet soap. 171,850; Aug. 14; Serial No. 170,977; published May 15, 1923.
Grossmith, John L., assignor to J. Grossmith & Son, Limited, London, England. Perfumery and perfumed soap. 23,025; renewed May 16, 1923.
Grosvenor, C. A., Shoe Company. (See Grosvenor, Charles A.)
Grosvenor, Charles A., doing business as C. A. Grosvenor Shoe Company, Worcester, Mass. Slippers of felt. 165,421; Mar. 6; Serial No. 154,361; published Jan. 3, 1922.
Grothe, John J., Co. Inc., Woburn, Mass. Refrigerators. 165,729; Mar. 20; Serial No. 169,128; published Dec. 12, 1922.
Grove Park Inn, Inc., doing business as Biltmore Industries, Asheville, N. C. Woolen homespun textile fabrics in the piece. 173,020; Sept. 11; Serial No. 172,988; published June 5, 1923.
Grove Park Inn, Inc., doing business as Biltmore Industries, Asheville, N. C. Woolen homespun textile fabrics in the piece. 174,528; Oct. 16.
Growers Distilling Co., Woodbine, Md. Chenopodium oil. 172,730; Sept. 11; Serial No. 174,519; published May 22, 1923.
Growers Service Co., Yucaipa, Calif. Fresh apples. 176,723; Nov. 27; Serial No. 171,840; published Sept. 11, 1923.
Gruen Watch Company, The, Cincinnati, and Time Hill, Cincinnati, Ohio. Watches, watchcases, and watch movements. 174,290–1; Oct. 9.
Gruen Watch Company, The, Cincinnati and Time Hill, Ohio. Watches, watchcases, and watch movements. 177,596; Dec. 18.
Gruendler Patent Crusher & Pulverizer Co., St. Louis, Mo. Crushers, shredders, breakers, pulverizers, and grinders. 166,850; Apr. 17; Serial No. 165,372; published Jan. 23, 1923.
Gruenhagen's, San Francisco, Calif. Chocolate fruit bar 169,777; July 3; Serial No. 168,766; published Apr. 3 1923.
Grumiaux, Bertha B., Norfolk, Va. One-piece infants' garment used as a cloak, bonnet, and carriage robe. 163,580; Jan. 23.
Grüneberg, Carl, Bürsten-Fabric Bratislava, Bratislava, Czechoslovakia. Toothbrushes. 171,470; Aug. 7; Serial No. 178,664; published May 22, 1923.
Gsell, R., & Co. (See Gsell, Roland A., assignor.)
Gsell, Roland A., assignor to R. Gsell & Co., Inc., New York, N. Y. Watches, watch cases, watch movements, and parts thereof. 164,300; Feb. 20.
Guarantie Company, The. (See Kahil, Abraham A.)
Gude Brothers, Kieffer Company, New York, N. Y. Eggs. 176,180–1; Nov. 20; Serial Nos. 174,443–4; published July 10, 1923.
Gude Brothers, Kieffer Company, New York, N. Y. Butter and eggs. 176,182; Nov. 20; Serial No. 174,442; published July 10, 1923.
Gude Brothers, Kieffer Company, New York, N. Y. Eggs. 176,183; Nov. 20; Serial No. 174,440; published July 10, 1923.
Gudebrod Bros. Silk Co., New York, N. Y. Spool silk. 173,503; Sept. 25; Serial No. 175,785; published June 26, 1923.
Gudelj, Ella S., San Francisco, Calif. Child's underwaist. 164,806; Feb. 27.
Guerra, M. G., Co. Inc., New York, N. Y. Table and bed linen, handkerchiefs, towels, curtains, etc. 169,862; July 3; Serial No. 175,786; published Apr. 3, 1923.
Guerre, Louis F., & Co. (See Guerre, Louis F.)
Guerre, Louis F., doing business as Louis F. Guerre & Co., New Orleans, La. Roofing cement. 167,585; May 1; Serial No. 170,136; published Jan. 9, 1923.
Guest, Keen & Nettlefolds Limited, Smethwick, England. Screws, bolts, washers, etc. 173,434; Sept. 25; Serial No. 166,683; published June 26, 1923.
Guest Neckwear Co., Inc., Rochester, N. Y. Neckties. 175,310; Nov. 6; Serial No. 159,461; published Aug. 14, 1923.
Guiberson Corporation, The, Dallas, Tex. Well packers, plugs, tubing catchers, pipe wrenches, etc. 163,881; Feb. 6.
Guidi, Raffaele, New York, N. Y. Preparation for gonorrhea and gleet. 176,931; Dec. 4.
Guild Products Corporation, Philadelphia, Pa. Wastebaskets, desk trays, and cash boxes. 163,332; Jan. 9.
Guild Products Corporation, Philadelphia, Pa. Typewriter oil. 164,388; Feb. 20.
Guild Products Corporation, Philadelphia, Pa. Card, T, and bank pins. 168,903; May 29; Serial No. 165,543; published Mar. 13, 1923.
Guild Products Corporation, Philadelphia, Pa. Writing ink and fluid in various colors. 169,228; June 12; Serial No. 165,545; published Mar. 6, 1923.
Guild Products Corporation, Philadelphia, Pa. Ink eradicator. 169,810; July 3; Serial No. 165,544; published Mar. 13, 1923.
Guillou, Henri, Montrouge, France. Transmission or driving belts. 163,333; Jan. 9.
Guinea Products Co. (See Judson, L. J.)
Guiterman Bros., St. Paul, Minn. Clothing for sport, work, and other wear. 177,556; Dec. 18; Serial No. 173,354; published Oct. 2, 1923.
Gulden, Charles, Inc., New York, N. Y. Mustard. 164,923; Feb. 27.
Gulf States Steel Company, Birmingham, Ala. Barbed wire. 171,810–12; Aug. 14; Serial Nos. 177,777–9; published May 15, 1923.
Gulfport Grocery Company, Gulfport, Miss. Dairy feed. 165,423; Mar. 6; Serial No. 155,960; published Nov. 14, 1922.
Gump, B. F., Co., Chicago, Ill. Milling machinery, bolting reels, feed screens, etc. 170,208; July 10; Serial No. 124,986; published Apr. 17, 1923.
Gunckel, Will H., Toledo, Ohio. Beverage sold as a soft drink. 171,137; July 15; Serial No. 159,700; published May 1, 1923.
Gund, George, doing business as Hygienic Coffee Company, Cleveland, Ohio. Coffee. 170,484; July 17; Serial No. 172,529; published Apr. 17, 1923.
Gunion, Walter E., Lancaster, Ohio. Lenses for electrically-operated direction signals for use on vehicles. 165,984; Mar. 27; Serial No. 162,334; published Dec. 19, 1922.
Gunn Furniture Company, The, Grand Rapids, Mich. Counters, cafeteria tables, office tables, dressers, etc. 177,564; Dec. 18; Serial No. 175,552; published Oct. 2, 1923.
Gunter, Daniel J., doing business as The Dan-Nax Co., Atlanta, Ga. Liver regulator and tonic. 175,499; Nov. 6; Serial No. 177,297; published Aug. 14, 1923.
Gurinian Candy Co., Chicago, Ill. Candy. 168,555; May 29; Serial No. 161,248; published Feb. 13, 1923.
Gurley Candy Company, Minneapolis, Minn. Candy—namely, bar goods. 168,582; May 29; Serial No. 163,268; published Feb. 13, 1923.
Gurley Candy Company, Minneapolis, Minn. Candy. 171,309; Aug. 7; Serial No. 163,267; published May 15, 1923.
Gurney, D. B., Company, Whitman, Mass. Tacks and nails. 165,937–8; Mar. 20.
Gussow, Abraham, doing business as A. Gussow & Co., New York, N. Y. Women's cotton undergarments. 175,320–1; Nov. 6; Serial Nos. 180,928–9; published Aug. 14, 1923.
Gustenhoven, Anton, New York, N. Y. Hard candies. 167,301; Apr. 24.
Guthrie & Co., Limited, Singapore, Straits Settlements, and London, England. Bathtubs, screws, bolts and nuts, boot and shoe protectors, etc. 163,890–1; Feb. 6.
Guthrie & Co., Limited, Singapore, Straits Settlements, and London, England. Knives, scissors, shears, hoes, shovels, etc. 163,892–3; Feb. 6.
Guthrie & Company Limited, Singapore, Straits Settlements, and London, England. Knives, shears, hoes, axes, scythes, etc. 165,599; Mar. 13; Serial No. 131,070; published Apr. 25, 1922.
Gutman Bros., New York, N. Y. Women's muslin underwear. 175,861; Nov. 13; Serial No. 175,489; published Aug. 28, 1923.
Gutman, F. V., Corp., New York, N. Y. Hosiery. 175,594; Nov. 6; Serial No. 179,531; published Aug. 14, 1923.
Gutterman-Strauss Company, Boston, Mass. Sole leather, whole and cut stock. 167,639; May 1; Serial No. 167,980; published Dec. 19, 1922.
Gypsy Dyes, Inc., Chicago, Ill. Dyes. 177,238; Dec. 11; Serial No. 181,486; published Sept. 18, 1923.
H. A. D. Sales & Engineering Co., Not Incorporated. (See Douglas, Harry A.)
H. & A. Manufacturing Company, The, Cleveland, Ohio. Eyeshades or visors. 176,868; Dec. 4; Serial No. 182,052; published Sept. 25, 1923.
H. E. M. Mfg. Co., The, Hamilton, Ohio. Toy coasters. 171,151; July 31; Serial No. 176,023; published Apr. 24, 1923.
H. F. Chemical Company, The, Washington, D. C. Medicinal preparation for hay fever, rose colds, and catarrhal colds. 167,554; May 1; Serial No. 165,590; published Dec. 26, 1922.
H. & H. Products Company. (See Horner, Mary B.)
H. K. H. Silk Co., The, Watertown, Conn. Silk threads. 164,787; Feb. 27.
H. K. H. Silk Co., The, Watertown, Conn. Pure and artificial silk threads. 165,942; Mar. 20.

H. K. H Silk Co., The, Watertown, Conn., and New York, N. Y. Silk, linen, cotton, and fiber threads. 166,770; Apr. 10.

H. K. H. Silk Company, The, Watertown, Conn., and New York, N. Y. Silk and cotton threads, twists, and artificial embroidery flosses. 167,436; May 1; Serial No. 164,540; published Jan. 9, 1923.

H. K. H. Silk Company, Watertown, Conn. Silk and cotton threads, twists, and for artificial embroidery flosses. 167,447; May 1; Serial No. 164,541; published Jan. 19, 1923.

H. K. H. Silk Co., The, Watertown, Conn., and New York, N. Y. Fabrics of silk, artificial silk, cotton, and combinations of same. 168,216; May 15; Serial No. 172,474; published Feb. 13, 1923.

H. K. H. Silk Co., The, Watertown, Conn. Pure and artificial silk threads. 168,854; May 29; Serial No. 173,766; published Mar. 6, 1923.

H. K. H. Silk Co., The, Watertown, Conn. Pure and artificial silk threads. 174,529; Oct. 16.

H. K. H. Silk Co., The, Watertown, Conn. Sewing silk. 175,168; Oct. 30; Serial No. 181,594; published Aug. 14, 1923.

H. K. H. Silk Co., The, Watertown, Conn. Silk threads. 175,233; Oct. 30.

H. L. Distillator & Son, New York, N. Y. Ladies' hats. 176,036; Nov. 13; Serial No. 179,785; published Aug. 14, 1923.

H. L. Distillator & Son, New York, N. Y. Ladies' hats. 176,276; Nov. 20; Serial No. 177,727; published July 31, 1923.

H-M Manufacturing Co., Kent, Ohio. Supplemental waterproof fiber cushioning soles for boots and shoes. 176,277; Nov. 20; Serial No. 177,605; published Aug. 28, 1923.

H-O Cereal Company. (See H-O (Hornby's Oatmeal) Company, assignor.)

H-O Cereal Company, Inc, The, Buffalo, N. Y. Bird and poultry feeds. 163,676; Jan. 23.

H-O Cereal Company, Inc., The, Buffalo, N. Y. Horse, cattle, and poultry feeds. 165,630; Mar. 13.

H-O Cereal Company, Inc., The, Buffalo, N. Y. Stock, cattle, bird, and poultry feeds. 166,284; Mar. 27.

H-O Cereal Company, Inc., The, Buffalo, N. Y. Bird and poultry feeds. 167,385; May 1; Serial No. 164,643; published Jan. 30, 1923.

H-O Cereal Company, Inc., The, Buffalo, N. Y. Flour made from wheat, corn, rice, etc., and breakfast cereals. 170,697; July 24; Serial No. 155,560; published Mar. 20, 1923.

H-O Cereal Company, Inc., The, Buffalo, N. Y. Poultry feeds. 170,855; July 24; Serial No. 168,968; published Mar. 20, 1923.

H-O (Hornby's Oatmeal) Company, The, assignor to The H-O Cereal Company, Inc., New York, N. Y. Oatmeal and similar oat foods. 23,770; renewed Oct. 31, 1923.

H. & S. Products Co., Millville, N. J. Waterproof and antiseptic preparation for the treatment of cuts, cracks, and abrasions of the skin. 174,043; Oct. 2; Serial No. 177,487; published July 10, 1923.

H. S. B. W.-Cochrane Corporation, Philadelphia, Pa. Zeolites and base-exchange water-softening agents. 172,360; Aug. 28; Serial No. 173,888; published Apr. 17, 1923.

Haack & Company, Newark, N. J., and Brooklyn, N. Y. Hides, furs. 167,823; May 8; Serial No. 156,901; published Feb. 20, 1923.

Haag, Robert A., New York, N. Y. Paper and stationery. 165,338; Mar. 6; Serial No. 162,735; published Nov. 28.

Haas Baruch & Co., Los Angeles, Calif. Tapioca. 170,491; July 17; Serial No. 171,317; published Apr. 24, 1923.

Haas, Baruch & Co., Los Angeles, Calif. Coffee. 175,518; Nov. 6; Serial No. 176,623; published Aug. 14, 1923.

Haas, Baruch & Co., Los Angeles, Calif. Table salt. 177,228; Dec. 11; Serial No. 181,745; published Sept. 18, 1923.

Haas Brothers, New York, N. Y., and San Francisco, Calif. Oysters. 24,182; renewed Feb. 6, 1924.

Haas Brothers, San Francisco, Calif. Canned fruits and vegetables. 171,110; July 31; Serial No. 174,694; published May 8, 1923.

Haas Brothers Fabrics Corporation, New York, N. Y. Piece goods made of silk. 171,615–16; Aug. 7; Serial Nos. 177,844–5; published May 15, 1923.

Haas Brothers Fabrics Corporation, New York, N. Y. Silk, linen, woolen, and cotton piece goods and combinations thereof. 173,318; Sept. 25; Serial No. 165,865; published Aug. 29, 1922.

Haas Brothers Fabrics Corporation, New York, N. Y. Silk, artificial-silk, cotton, linen, and woolen piece goods. 175,464; Nov. 6; Serial No. 182,344; published Aug. 28, 1923.

Haas Brothers Fabrics Corporation, New York, N. Y. Silk, cotton, etc. piece goods. 177,073–4; Dec. 11; Serial Nos. 183,740–1; published Sept. 18, 1923.

Haas Brothers Fabrics Corporation, New York, N. Y. Silk, cotton, linen, and woolen piece goods. 177,075; Dec. 11; Serial No. 183,738; published Sept. 18, 1923.

Haas Brothers Fabrics Corporation, New York, N. Y. Silk, cotton, linen, and woolen piece goods. 177,078; Dec. 11; Serial No. 183,742; published Sept. 18, 1923.

Haas-Leiber Grocery Co., St. Louis, Mo. Coffee. 173,405; Sept. 25; Serial No. 175,863; published June 26, 1923.

Haberdashers Novelty Co. Inc., The, New York, N. Y. Hosiery. 163,080; Jan. 2.

Hadfield, John W., Co., Philadelphia, Pa. Hosiery. 177,403; Dec. 18; Serial No. 179,791; published Oct. 9, 1923.

Hadfields Limited, Sheffield, England. Steel in rod, bar, rail, sheet, etc. 171,824; Aug. 14; Serial No. 175,553; published May 8, 1923.

Hadley, Charles R., Company, Los Angeles, Calif. Loose-leaf bookkeeping forms, binders, and indexes. 165,700; Mar. 20; Serial No. 170,017; published Dec. 12, 1922.

Haegelin, Roscoe, Co., Santa Rosa, Calif. Pickles, vinegar, fruit jellies, and preserves, etc. 177,145; Dec. 11; Serial No. 152,276; published Nov. 22, 1921.

Haeseler, Charles H., doing business as Alert Manufacturing Company, Philadelphia, Pa. Condiment containers. 174,244; Oct. 9; Serial No. 172,834; published July 3, 1923.

Haffenreffer & Co. (See New England Brewing Co.)

Haft, Morris W., & Bros. Inc., New York, N. Y. Ladies' outer garments. 177,554; Dec. 18; Serial No. 183,064; published Oct. 2, 1923.

Hagar and Dodd Co., Atlanta, Ga. Beverages sold as soft drinks and sirups for making the same. 164,265; Feb. 13.

Hagel, Albert, doing business as A. & H. Auto Products Company, Chicago, Ill. Automobile and furniture polish. 166,027; Mar. 27; Serial No. 163,754; published Nov. 28, 1922.

Hagemann Glass Co., The, Cincinnati, Ohio. Mirror and plate glass for mirrors and art purposes. 168,472; May 22; Serial No. 167,872; published Feb. 20, 1923.

Hagen Import Co. (See Goldsmith, David J.)

Hagen Oil Company. (See Hagen, Wyatt.)

Hagen, Wyatt, doing business as Hagen Oil Company, Shattuck, Okla. Mineral-oil products. 163,502; Jan. 16.

Hagenbacher, Karl, Brooklyn, N. Y. Stereotype mats. 163,503; Jan. 16.

Hager, Clark & Co., New York, N. Y. Woolen piece goods. 170,233; July 10; Serial No. 174,007; published Apr. 3, 1923.

Hagerstown Table Works. (See Miller, Francis H.)

Hagler, Norman M., doing business as Hagler-Allen Mfg. Company, Du Quoin, Ill. Insecticide powders. 177,666; Dec. 25; Serial No. 181,394; published Oct. 9, 1923.

Hague, A. J., & Co. Inc., New York, N. Y. Safety pins. 166,318; Mar. 27.

Haight, Louis P., doing business as The Walk-Straight Club, Boston, Mass. Boots, shoes, and sandals. 164,070; Feb. 13.

Haiku Fruit & Packing Co., Haiku, Maui, Hawaii. Canned pineapple. 168,680–1; May 29; Serial No. 169,241–2; published Feb. 27, 1923.

Haiku Fruit & Packing Co., Haiku, Maui, Hawaii. Canned pineapple. 168,682–3; May 29; Serial No. 169,244–5; published Feb. 27, 1923.

Haiku Fruit & Packing Co., Haiku, Maui, Hawaii, and San Francisco, Calif. Canned pineapple. 171,266; July 31; Serial No. 169,243; published May 8, 1923.

Haines Manufacturing Corporation, Rochester, N. Y. Automobile accessories. 169,203; June 12; Serial No. 168,888; published Mar. 13, 1923.

Haines Manufacturing Corporation, Rochester, N. Y. Automobile accessories. 169,310; June 12; Serial No. 168,889; published Mar. 13, 1923.

Haines Manufacturing Corporation, Rochester, N. Y. Automobile accessories. 174,595; Oct. 23; Serial No. 178,841; published July 17, 1923.

Hairette Remedy Company. (See Montgomery, John B.)

Hair-O Laboratories Co. (See Spake, John P.)

Hairvita Hair Tonic Co. (See Greco, Felix V.)

Haiss, George, Manufacturing Company, Incorporated, New York, N. Y. Wagon loaders, clamshell buckets, and portable belt conveyors. 166,099; Mar. 27; Serial No. 164,806; published Dec. 5, 1922.

Halcolite Company, Inc., New York, N. Y. Electric-lighting fixtures and parts thereof. 166,572; Apr. 10; Serial No. 165,551; published Jan. 9, 1923.

Haldy, George P., Cedar Rapids, Iowa. Preparation for the hair and scalp. 174,319; Oct. 16; Serial No. 177,737; published July 10, 1923.

Hale, Alfred, Rubber Company, Atlantic, Mass. Rubber heels and soles, rubbers, overshoes, and rubber shoes. 169,375; June 12; Serial No. 169,953; published Mar. 20, 1923.

Hale, Alfred, Rubber Company, Quincy, Mass. Boots, shoes, and slippers made wholly or in part of leather, canvas, rubber, etc. 170,716; July 24; Serial No. 173,314; published Apr. 24, 1923.

Hale Bros., Inc., San Francisco, Calif. Bedspreads, napkins, tablecloths, cotton damask, sheeting, etc. 163,889; Feb. 6.

Hale, Chauncey G., Los Angeles, Calif. Check protector. 166,329; Mar. 27.

Haley, John M., & Co. Inc., New York, N. Y. Stockings and socks. 175,926; Nov. 13; Serial No. 179,938; published Aug. 28, 1923.

Haley-Neeley Company, Sioux City, Iowa. Fresh fruits and vegetables. 169,389; June 12; Serial No. 168,037; published Mar. 27, 1923.

Half Moon Fruit & Produce Co., San Francisco, Calif. Fresh cantaloupes, cassaba, and fresh vegetables. 176,507; Nov. 27; Serial No. 159,870; published Sept. 11, 1923.

Halferty, G. P., Seattle, Wash. Canned salmon. 166,881; Apr. 17; Serial No. 150,677; published Jan. 17, 1922.

Halferty, G. P., Seattle, Wash. Canned salmon. 166,882; Apr. 17; Serial No. 150,674; published Jan. 17, 1922.

Hall, A. G., doing business as Hall Rod Works, Highland Mills, N. Y. Fishing lines, rods, snelled hooks, and leaders. 173,729; Oct. 2; Serial No. 180,065; published July 3, 1923.

Hall Baking Co., Buffalo, N. Y. Bread. 173,505; Sept. 25; Serial No. 175,787; published June 19, 1923.

Hall, C. C., Inc., Rochester, N. Y. Evaporated apples. 166,455; Apr. 3; Serial No. 165,999; published Jan. 16, 1923.

Hall, C. C., Inc., Rochester, N. Y. Evaporated apples. 172,615; Sept. 11; Serial No. 165,998; published Jan. 16, 1923.

Hall, C. C., Inc., Rochester, N. Y. Dried fruits. 172,867; Sept. 11; Serial No. 173,421; published June 5, 1923.

Hall, H. S., & Co. Inc., Jersey City, N. J. Lace gloves. 163,081; Jan. 2.

Hall, Harry G., doing business as H. G. Hall Manufacturing Company, Cottonwood, Ariz. External radiator cement. 172,175; Aug. 21.

Hall, Hartwell & Co., Troy, N. Y. Dress, negligee, and work shirts and collars. 168,075; May 15; Serial No. 158,393; published Jan. 23, 1923.

Hall, Hartwell & Co., Troy, N. Y. Dress, negligee, and work shirts and collars. 168,083; May 15; Serial No. 136,707; published Jan. 9, 1923.

Hall, Harvey H., doing business as The H. H. Hall Company and Hallworthy Poultry Farm, Elyria, Ohio. Electrically-heated brooders. 169,400; June 12; Serial No. 161,925; published Mar. 27, 1923.

Hall, J. C., Company, The, Providence, R. I. Paper used for printing bonds, checks, drafts, and similar commercial use. 172,406; Aug. 28; Serial No. 174,616; published May 29, 1923.

Hall-Neal Furnace Company, Indianapolis, Ind. Coal, wood, gas, and oil treating furnaces, grate frames, grate bars, etc. 168,465; May 22; Serial No. 143,864; published July 12, 1921.

Hall & Sons. (See Union Piano Company.)

Hall, Thralls & Co., Hymera, Ind. Shampoo, scalp and hair oils, dandruff ointment, skin lotion. 174,368; Oct. 16; Serial No. 175,555; published July 10, 1923.

Hall Wheel Corporation, Philadelphia, Pa. Vehicle wheels. 167,825; May 8; Serial No. 170,137; published Feb. 13, 1923.

Hallerczyk Cigar Company, Chicago, Ill. Cigars. 175,399; Nov. 6; Serial No. 165,626; published Aug. 21, 1923.

Halligan Candy Company, Davenport, Iowa. Candy. 170,511; July 17; Serial No. 173,043; published Apr. 17, 1923.

Hallworthy Poultry Farm. (See Hall, Harvey H.)

Haloid Company, The, Rochester, N. Y. Photographic developing papers. 166,480; Apr. 3; Serial No. 170,288; published Jan. 2, 1923.

Haloid Company, The, Rochester, N. Y. Sensitized photographic paper. 175,027; Oct. 30; Serial No. 179,097; published Aug. 14, 1923.

Halove Company, Inc., The, Pleasant Plains, N. Y. Paste paints. 164,585; Feb. 20.

Halove Company, Inc., The, New York, N. Y. Paste paints. 167,895; May 8; Serial No. 168,609; published Feb. 13, 1923.

Halper, Victor, New York, N. Y. Medicinal preparation. 177,834; Dec. 25.

Halpern, David, and Greenberg, New York, N. Y. Pants, coats, vests, and men's outer garments for summer wear. 167,793; May 8; Serial No. 165,020; published Feb. 6, 1923.

Halpern, Irving J., doing business as Noise Making Devices Company, New York, N. Y. Hand rattles. 171,114; July 31; Serial No. 174,961; published May 1, 1923.

Halpern & Kalb, Inc., New York, N. Y. Knitted outer garments. 171,244; July 31; Serial No. 170,186; published May 1, 1923.

Halseth, Rasmus J., Madison, S. Dak. Medicinal compound for treating the scalp. 168,011; May 8.

Halstead Specialties Co., San Francisco, Calif. Lubricant. 163,504; Jan. 16.

Halstead Specialties Company, San Francisco, Calif. Rust solvent. 167,372; May 1; Serial No. 168,149; published Jan. 23, 1923.

Ham Boiler Corporation, New York, N. Y. Metallic cooking utensils. 174,662; Oct. 23; Serial No. 170,138; published Mar. 20, 1923.

Hamaguchi, Gihei, Unakami Gun, Chiba Ken, Japan. Tamari, vinegar, extract of soy, extract of tamari, sauces, and soy. 172,218; Aug. 28; Serial No. 174,434; published May 29, 1923.

Hamburger Bros., New York, N. Y. Ladies' dresses, bungalow aprons, bath robes, and kimonos. 168,391; May 22; Serial No. 169,901; published Feb. 13, 1923.

Hamel, Charles F., Toledo, Ohio. Dry-gas inhalant for diseases of the respiratory organs. 163,082; Jan. 2.

Hamersley Manufacturing Company, The, New York, N. Y. Waxed paper. 172,417; Aug. 28; Serial No. 178,920; published May 29, 1923.

Hamersley Manufacturing Company, The, New York, N. Y. Wax paper. 173,530; Sept. 25.

Hamilton-Hill Veneer Co., Inc., assignor to The Edisto Veneer Co., Inc., Orangeburg, S. C. Lumber in the nature of foundation strips for veneered products, boxes, and crates. 163,083; Jan. 2.

Hamilton, L. R., Reedley, Calif. Fresh grapes. 177,686; Dec. 25; Serial No. 184,611; published Oct. 9, 1923.

Hamilton Manufacturing Company, The, Two Rivers, Wis. Printers' furniture. 165,268; Mar. 6; Serial No. 167,044; published Dec. 5, 1922.

Hamilton Manufacturing Company, The, Two Rivers, Wis. Printers' and bookbinders' supplies. 168,238; May 15; Serial No. 167,043; published Feb. 13, 1923.

Hamilton Rubber Manufacturing Company, Trenton, N. J. Fruit-jar rubbers. 174,817; Oct. 23; Serial No. 180,862; published July 31, 1923.

Hamilton, William H., doing business as Pactwell Food Products Co., Baltimore, Md. Canned tomatoes. 167,282; Apr. 24; Serial No. 134,364; published Jan. 23, 1923.

Hamilton, Wm. G., doing business as Hamilton Specialty Company, Circleville, Ohio. Hair nets. 167,752; May 8; Serial No. 170,820; published Feb. 13, 1923.

Hammel, Riglander & Co., New York, N. Y. Gravers, chisels, gauges, burnishers, tracers, and files. 164,074; Feb. 13.

Hammell-Neuman Co., Philadelphia, Pa. Hats for men, women, and children. 171,750; Aug. 14; Serial No. 164,435; published May 15, 1923.

Hammer-Bray Company, Oakland, Calif. Cookstoves, ranges, etc. 174,454; Oct. 16; Serial No. 160,604; published July 3, 1923.

Hammesfahr, Gottlieb, Solingen-Foche, Germany. Table flatware of base metal, consisting of knives, forks, spoons, etc. 166,848; Apr. 17; Serial No. 165,951; published Jan. 23, 1923.

Hammill & Gillespie, Inc., New York, N. Y. Paris white. 166,314; Mar. 27.

Hammond, Estella M., East Cleveland, Ohio. Designs used for art needlework. 169,647; June 26; Serial No. 169,852; published Mar. 27, 1923.

Hammons, William A., Junction City, Ky. Salve used in the treatment of corns. 165,610; Mar. 13; Serial No. 167,131; published Dec. 12, 1922.

Hampden Paint & Chemical Co., Springfield, Mass. Material for use in concrete. 177,801; Dec. 25.

Hampshire, F. W., & Co. Ld., Derby, England. Fly swatters and sticky paper. 171,586; Aug. 7; Serial No. 175,490; published May 22, 1923.

Hampshire Paper Company, South Hadley Falls, Mass. Printing and writing paper. 165,999; Mar. 27; Serial No. 168,306; published Jan. 2, 1923.

Hampshire Paper Company, South Hadley Falls, Mass. Printing and writing paper. 169,746–7; June 26.

Hampshire Paper Company, South Hadley Falls, Mass. Printing and writing paper. 171,321; Aug. 7; Serial No. 168,305; published May 8, 1923.

Hampton Medicine Company. (See Bozeman, Mike E.)

Hampton Roads Paper Company, Norfolk, Va. Writing paper and paper tablets. 163,940; Feb. 6.

Hampton Roads Paper Company, Norfolk, Va. Wrapping paper. 163,941; Feb. 6.

Hancock, Abram O., doing business as Lightning Auto Polish Company, Richmond, Va. Cleaner and polisher for automobiles and furniture. 164,665; Feb. 27.

Handley, Homer J., Chappell, Nebr. Skin lotion. 175,581; Nov. 6; Serial No. 181,276; published Aug. 21, 1923.

Handley, Peter, Garland, Tex. Preparation for headache, neuralgia, etc. 176,311; Nov. 20; Serial No. 179,148; published Sept. 4, 1923.

Hands Newspaper Syndicate, New York, N. Y. Newspaper articles. 163,689; Jan. 23.

Handy, H. L., Lunch Chair and Table Company. (See Handy, Herbert L., jr.)

Handy, Herbert L., jr., doing business as H. L. Handy Lunch Chair and Table Company, Springfield, Mass. Chairs, tables, cabinets, and costumers. 163,960; Feb. 6.

Hanfwerke, Fuessen-Immenstadt, A. G., Fuessen and Immenstadt, Germany. Cordage—namely, twine and cord. 163,744–5; Jan. 23.

Hanfwerke, Fuessen-Immenstadt A. G., Fuessen and Immenstadt, Germany. Cordage—namely, twine and cord. 166,094; Mar. 27; Serial No. 164,314; published Nov. 7, 1922.

Hanlon & Goodman Co., New York, N. Y. Paint, varnish, and calcimine brushes. 175,389; Nov. 6; Serial No. 170,189; published Aug. 28, 1923.

Hanlon & Goodman Co., New York, N. Y. Paint, varnish, and calcimine brushes. 177,326; Dec. 18; Serial No. 179,268; published Oct. 2, 1923.

Hanlon & Goodman Company, New York, N. Y. Paint, varnish, and calcimine brushes. 164,979–80; Feb. 27.

Hanlon & Goodman Company, New York, N. Y. Paint, varnish, and calcimine brushes. 165,000; Feb. 27.

Hanover-Hall Company, New York, N. Y. Men's felt, straw, cloth, and silk hats and caps. 170,381; July 17; Serial No. 174,389; published Apr. 3, 1923.

Hanover Rubber Co., West Hanover, Mass. Rubber heels, soles, and half soles. 164,029; Feb. 6.
Hanover Rubber Co., West Hanover, Mass. Rubber heels and soles, and rubber half soles. 164,037; Feb. 6.
Hanovia Chemical & Manufacturing Co., Newark, N. J. Quartz lamps. 176,915; Dec. 4.
Hanselman Candy Company, Kalamazoo, Mich. Ice cream. 177,399; Dec. 18; Serial No. 159,580; published Oct. 2, 1923.
Hansen, Hans P., Donna, Tex. Fresh citrous fruit. 168,525; May 22.
Hansen, Richard B., doing business as R. B. Hansen Rubber Co., Akron, Ohio. Rubber goods. 169,016; May 29.
Hansen, Richard B., doing business as R. B. Hansen Rubber Co., Akron, Ohio. Sanitary aprons, belts, shields, hot-water bottles, etc. 171,919; Aug. 14.
Hansen's, Chr., Laboratory, Inc., Little Falls, N. Y. House organ published monthly. 176,417; Nov. 27; Serial No. 180,761; published Sept. 18, 1923.
Hanson Brothers Scale Company, Chicago, Ill. Monthly magazine pertaining to scales. 165,262; Mar. 6; Serial No. 167,468; published Dec. 5, 1922.
Hanson Milling Company, Ashland, Wis. Wheat flour. 170,839; July 24; Serial No. 161,881; published Apr. 3, 1923.
Hanson & Moe, St. Paul, Minn. Battery compound. 169,654; June 26; Serial No. 168,468; published Mar. 20, 1923.
Happ Brothers Co., doing business as American Mfg. Co., Macon, Ga. Overalls. 166,623; Apr. 10; Serial No. 168,843; published Dec. 19, 1922.
Happy Thought Remedy Co., Kansas City, Mo. Internal treatment for piles. 170,026; July 10; Serial No. 173,596; published Apr. 10, 1923.
Harbison & Walker, assignor to Harbison-Walker Refractories Company, Pittsburgh, Pa. Fire brick, tile, and articles made of fire clay. 24,272–3; renewed Feb. 20, 1924.
Hardaway-Cargill Co., Columbus, Ohio. Table sirups. 168,566; May 29; Serial No. 166,830; published Feb. 20, 1923.
Hardeman-King Co., McAlester, Okla. Wheat flour. 165,288; Mar. 6; Serial No. 152,370; published Nov. 7, 1922.
Hardinge Company, Inc., New York, N. Y. Ball and pebble mills. 174,921; Oct. 23.
Hardwick-Hutchins Manufacturing Company, Chattanooga, Tenn. Chemical used in the brazing and welding of metals. 169,806; July 3; Serial No. 164,163; published Mar. 13, 1923.
Hardy, Charles, doing business as Advanced Metal Stamping Company, assignor to Amsco Products Inc., New York, N. Y. Radio apparatus, rheostats, potentiometers, etc. 172,884; Sept. 11; Serial No. 175,865; published May 29, 1923.
Hardy, Frederick E., Margate, England. Anticorrosive composition. 165,575; Mar. 13; Serial No. 162,177; published Dec. 12, 1922.
Hardy, Mary M., & Florence H. Baird, South Orange, N. J. Candies. 171,111; July 31; Serial No. 174,737; published May 8, 1923.
Hare Manufacturing Company. (See Corso, Vincent M.)
Haren Perfume Co. (See Sakele, Geo. A.)
Harford and Noel, Lewiston, Idaho. Photographic prints. 163,716; Jan. 23.
Harford and Noel, Lewiston, Idaho. Photographic prints. 165,213; Mar. 6; Serial No. 166,452; published Nov. 14, 1922.
Harlan, O. A., & Co., San Jose, Calif. Dried fruits and canned fruits and vegetables. 174,625; Oct. 23; Serial No. 179,469; published July 31, 1923.
Harlequin Parfumerie Compagnie, New York, N. Y. Bottles or vials or packages or cases in which there is inclosed or contained either perfume or toilet water, etc. 170,490; July 17; Serial No. 171,167; published Apr. 17, 1923.
Harley, E. C., Company, The, Dayton, Ohio. Toilet creams, perfumes, toilet waters, face powders, etc. 172,395–6; Aug. 28; Serial Nos. 167,397–8; published Jan. 23, 1923.
Harley, Erskine P., Oklahoma, Okla. Fabricated cushions having air-circulation space. 169,565; June 19.
Harlfinger Baking Co., Albany, N. Y. Bread. 170,957; July 24.
Haroche, Josue B., New York, N. Y. Perfumes. 165,468; Mar. 13; Serial No. 167,549; published Dec. 12, 1922.
Haroma Mfg. Co. (See Harrah, Lewis O.)
Harper & Kirschten Shoe Co., The, Chicago, Ill. Shoes made wholly or in part of leather. 176,160; Nov. 20; Serial No. 168,527; published Aug. 7, 1923.
Harper, Philip S., Chicago, Ill. Gas burners. 163,084; Jan. 2.
Harpic Manufacturing Co. (See Pickup, Harry.)
Harrah, Lewis O., doing business as Haroma Mfg. Co., Terre Haute, Ind. Ointment for rheumatism, influenza, spasmodic cramp, etc. 167,386; May 1; Serial No. 164,640; published Jan. 2, 1923.
Harral Soap Co. Inc., Brooklyn, N. Y. Soaps. 167,549; May 1; Serial No. 170,290; published Jan. 2, 1923.
Harriman Radio Manufacturing Corporation, assignor to Chas. Freshman Company Incorporated, New York, N. Y. Devices for connecting radio receiving apparatus or simiar lines. 164,712; Feb. 27.
Harrington & Hord, Fort Worth, Tex. Article of food. 176,684; Nov. 27; Serial No. 169,129; published July 31, 1923.
Harris & Barnett, New York, N. Y. Ladies' and misses' muslin and silk underwear. 166,625; Apr. 10; Serial No. 168,642; published Jan. 23, 1923.
Harris, Charles G., jr., Philadelphia, Pa. Vegetable oils for hemorrhoids, cuts, bruises, etc. 176,237; Nov. 20; Serial No. 160,707; published Aug. 14, 1923.
Harris Coat House, New York, N. Y. Costumes comprising knickerbockers and jackets. 164,767; Feb. 27.
Harris, H. M., doing business as Maddox-Harris Laboratories, Atlanta, Ga., assignor, by mesne assignments, to Mrs. R. M. Harris, Mexico, Mo. Preparation for use as an eyewash. 165,550; Mar. 13; Serial No. 151,006; published Nov. 7, 1922.
Harris, Hannah, Brooklyn, N. Y. Salve. 165,512; Mar. 13; Serial No. 164,704; published Dec. 12, 1922.
Harris, Howell M., doing business as Howell Laboratories, Ltd., St. Louis, Mo. Eye lotion. 164,454; Feb. 20.
Harris Indirex Light. (See Harris, Ralph W.)
Harris, James G., doing business as Harris Chemical Company, Duluth, Minn. Liniment. 169,903; July 3; Serial No. 171,358; published Mar. 6, 1923.
Harris, John A., Pueblo, Colo. Malted milk for use in making beverages. 167,817; May 8; Serial No. 161,885; published Feb. 20, 1923.
Harris Laboratory, The, New York, N. Y. Radio-set crystals. 164,693; Feb. 27.
Harris, Ralph W., doing business as Harris Indirex Light, Cranford, N. J. Electric headlights for automobiles, motor cycles, street cars, locomotives, and electric fixtures. 168,627; May 29; Serial No. 167,773; published Feb. 13, 1923.
Harris, Mrs. Rena M. (See Harris, H. M., assignor.)
Harris Soap Company, Buffalo, N. Y. Soap in liquid, flake, powdered, and cake form. 171,743; Aug. 14; Serial No. 166,945; published May 15, 1923.
Harris Suspender Company, New York, N. Y. Apparel belts. 170,421; July 17; Serial No. 172,944; published Apr. 3, 1923.
Harris, Thomas H., doing business as Thos. H. Harris Med. Co., Princeton, Ky. Blood purifier. 165,615; Mar. 13; Serial No. 167,242; published Jan. 2, 1923.
Harris, Thos. H., Med. Co. (See Harris, Thomas H.)
Harris & Tipograph, Inc., New York, N. Y. Sweatbands. 165,234; Mar. 6.
Harris, William E., Asheville, N. C. Cleaning and polishing combination for leather goods. 173,882; Oct. 2; Serial No. 176,180; published July 3, 1923.
Harris Woodson Co., Inc., also doing business as Enterprise Candy Company, Lynchburg, Va. Candy. 177,053; Dec. 11; Serial No. 180,216; published Sept. 25, 1923.
Harrisburg Coal Mining Company, Chicago, Ill. Coal. 174,444; Oct. 16; Serial No. 176,624; published July 17, 1923.
Harrisburg Colliery Company, Chicago, Ill. Coal. 175,459; Nov. 6; Serial No. 182,584; published Aug. 21, 1923.
Harrisburg Shoe Mfg. Co., Harrisburg, Pa. Shoes. 177,648; Dec. 25; Serial No. 174,390; published Sept. 18, 1923.
Harrison Bros. & Co., Philadelphia, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Paints, stains, varnishes, and similar articles. 22,656; renewed Mar. 14, 1923.
Harrison & Co., also doing business as Harrison Flour Mills Co., New York, N. Y. Wheat flour. 176,516; Nov. 27; Serial No. 166,371; published July 31, 1923.
Harrison & Co., also doing business as Harrison Flour Mills Co., New York, N. Y. Wheat flour. 176,517; Nov. 27; Serial No. 166,672; published July 31, 1923.
Harrison & Co., also doing business as Harrison Flour Mills Co., New York, N. Y. Wheat flour. 176,521; Nov. 27; Serial No. 166,673; published July 31, 1923.
Harrison, George, jr., doing business as The Lonesome Pine Apiaries, Bluemont, Va. Honey. 166,509–10; Apr. 3; Serial Nos. 163,664–5; published Jan. 9, 1923.
Harrison, Hubert M., Wichita Falls, Tex. Monthly publication. 167,543; May 1; Serial No. 170,684; published Jan. 30, 1923.
Harrison, Sarah A., Omaha, Nebr. Sanitary-napkin holders. 170,639; July 17; Serial No. 175,491; published Apr. 17, 1923.
Harrison, Wilford, doing business as Delta Chemical Company, Wichita Falls, Tex. Laxative or mild purgative pill preparation. 169,776; July 3; Serial No. 168,865; published Mar. 6, 1923.
Harriss, William H., New York, N. Y. Cotton, silk, woolen, or jute fabrics. 172,902; Sept. 11; Serial No. 177,780; published June 5, 1923.
Harrow-Taylor Butter Co., Kansas City, Mo. Creamery butter. 172,466; Aug. 28; Serial No. 170,328; published May 8, 1923.
Harrower, Henry R., Glendale, Calif. Concentrated sterile solutions of polyendocrine proteins for hypodermic injection. 165,586; Mar. 13; Serial No. 167,042; published Dec. 12, 1922.
Harrower, Henry R., doing business as The Harrower Laboratory, Glendale, Calif. Medicinal preparation for diabetes. 167,004; Apr. 17.

Hart & Hegeman Mfg. Co., The, Hartford, Conn. Luminous pendants. 171,497; Aug. 7; Serial No. 171,419; published May 22, 1923.

Hart, Hubert C., Unionville, Conn. Butcher and kitchen knives, safety-razor blades, glass cutters. 171,858; Aug. 14; Serial No. 174,738; published May 1, 1923.

Hart, John I., doing business as Fourgees Cotton Mills, Manchester, England. Cotton piece goods. 177,069–70; Dec. 11; Serial Nos. 183,569–70; published Sept. 11, 1923.

Hart, Montgomery L., Inc., New York, N. Y. Linen, ramie, hemp, etc., piece goods. 175,015; Oct. 30; Serial No. 177,488; published Aug. 7, 1923.

Hart, Philip B., Montreal, Quebec, Canada. Artificial-silk yarns. 165,964; Mar. 27; Serial No. 156,995; published Dec. 12, 1922.

Harter, Helon G., assignor to The H. G. Harter Company, Helena, Ohio. Sirup remedy for diseases of the throat, lungs, and mucous membrane. 23,149; renewed May 30, 1923.

Harter, Leander D., Oklahoma, Okla. Artificial stone and composition for making same. 168,662; May 29; Serial No. 155,497; published May 16, 1922.

Hartley, Freeman & Co., New York, N. Y. Cotton piece goods. 166,769; Apr. 10.

Hartman, Arthur, New York, N. Y. Shirts. 173,874; Oct. 2; Serial No. 175,867; published July 10, 1923.

Hartman, Arthur, New York, N. Y. Shirts. 173,909; Oct. 2; Serial No. 175,868; published July 10, 1923.

Hartman, Arthur, New York, N. Y. Shirts. 173,910; Oct. 2; Serial No. 175,866; published July 10, 1923.

Hartman-Spreng Co., The, Mansfield, Ohio. Gas heaters and stoves. 165,516; Mar. 13; Serial No. 163,521; published Sept. 5, 1922.

Hartmann Trunk Company, Racine, Wis. Waterproof cloth or fabric which forms the outside covering for trunks. 174,457; Oct. 16; Serial No. 147,289; published June 26, 1923.

Hartray, J. P., Shoe Co., Chicago, Ill. Shoes made wholly or in part of leather. 164,251; Feb. 13.

Hartray, J. P., Shoe Co., Chicago, Ill. Shoes made wholly or in part of leather. 171,571; Aug. 7; Serial No. 173,491; published May 1, 1923.

Hartvig, John A., Oakland, Calif. Nonelectric iron heated hair-waving implements. 171,757; Aug. 14; Serial No. 178,101; published May 29, 1923.

Hartwell Brothers, Memphis, Tenn. Tool handles. 176,653; Nov. 27; Serial No. 182,913; published Sept. 18, 1923.

Hartwell Brothers, Memphis, Tenn. Tool handles. 176,655; Nov. 27; Serial No. 182,912; published Sept. 18, 1923.

Hartwell Brothers, Memphis, Tenn. Tool handles. 176,657; Nov. 27; Serial No. 182,911; published Sept. 18, 1923.

Hartwell Brothers, Memphis, Tenn. Tool handles. 176,663; Nov. 27; Serial No. 182,915; published Sept. 18, 1923.

Hartwell Brothers, Memphis and Hollywood Station, Memphis, Tenn. Tool handles. 176,675–6; Nov. 27; Serial Nos. 182,906–7; published Sept. 18, 1923.

Hartwell Brothers, Memphis, Tenn. Tool handles. 176,677–8; Nov. 27; Serial Nos. 182,909–10; published Sept. 18, 1923.

Hartzell, Blanche K., Youngstown, Ohio. Reducing cream. 164,486; Feb. 20.

Hartzell, Earl F., Pittsburgh, Pa. Oils and greases. 166,791; Apr. 17; Serial No. 157,667; published Jan. 30, 1923.

Harvey & Otis, Providence, R. I. Emblems which are made of or plated with precious metals. 164,535; Feb. 20.

Harwood Bros. Inc., Richmond, Va. Lubricating oils and greases. 163,085; Jan. 2.

Harwood Brothers, Inc., Richmond, Va. Lubricating oils and greases. 172,032; Aug. 21; Serial No. 163,632; published Nov. 7, 1922.

Haskins Brothers & Company, Sioux City, Iowa, and Omaha, Nebr. Soap. 167,655; May 8; Serial No. 167,873; published Jan. 2, 1923.

Haskins Brothers & Company, Sioux City, Iowa, and Omaha, Nebr. Soap. 175,780; Nov. 13; Serial No. 178,609; published Aug. 21, 1923.

Haskins Brothers & Company, Sioux City, Iowa. Soap. 175,874; Nov. 13; Serial No. 179,201; published Sept. 4, 1923.

Haskins Brothers & Company, doing business as Petroleum Soap Company, Omaha, Nebr.; Sioux City, Iowa; and St. Paul, Minn. Laundry soap. 175,895; Nov. 13; Serial No. 175,194; published Aug. 21, 1923.

Haskins & Welton, assignors to Welton & Company, Chicago, Ill. Chemical tissue for use as a surgical dressing. 175,986; Nov. 13; Serial No. 144,720; published Sept. 4, 1923.

Hasty, M. A., Richmond, Ind. Candy. 173,856; Oct. 2; Serial No. 175,492; published July 3, 1923.

Hatch, Robert A. B., doing business as Normasal Chemical Co., San Diego, Calif. Granulated effervescing compounds used as blood salts. 168,449; May 22; Serial No. 170,291; published Feb. 20, 1923.

Hatcher, Charles C., doing business as Hatcher Mfg. Co., Chicago, Ill. Glue and cements and paste and adhesives used as substitutes for mucilage. 163,334; Jan. 9.

Hatcher, Charles C., doing business as Hatcher Mfg. Co., Chicago, Ill. Writing fluids, fountain-pen, stamp-pad, indelible, and drawing inks. 165,062; Mar. 6; Serial No. 166,073; published Nov. 14, 1922.

Hatcher Mfg. Co. (See Hatcher, Charles C.)

Hatfield, Asa A., doing business as Med-A-Dent Dental Specialties Company, Danville, Ky. Tooth paste and cleanser and a preparation for the treatment of pyorrhea. 170,083; July 10; Serial No. 167,676; published Apr. 3, 1923.

Hattiesburg Grocery Co., Hattiesburg, Miss. Self-rising wheat flour. 177,219; Dec. 11; Serial No. 176,827; published Sept. 18, 1923.

Hatton, Edward J., doing business as Hatton Mfg. Co., Chicago, Ill. Hair tonic. 167,808; May 8; Serial No. 166,368; published Feb. 13, 1923.

Hatton, Edward J., doing business as Hatton Mfg. Co., Chicago, Ill. Hair tonic. 167,839; May 8; Serial No. 168,528; published Feb. 13, 1923.

Hatton Mfg. Co. (See Hatton, Edward J.)

Hauck Manufacturing Company, Brooklyn, N. Y. Asphalt surface and kettle heaters, fire pots, brazing forges, annealing furnaces, etc. 169,208; June 12; Serial No. 168,365; published Mar. 20, 1923.

Hauck, Peter, jr., East Orange, N. J. Malt sirups for food purposes. 166,919; Apr. 17; Serial No. 164,432; published Jan. 30, 1923.

Hauff, Julius, Feuerbach, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del. Photographic preparation. 22,274; renewed Jan. 3, 1923.

Haupt, Adolph, Brooklyn, N. Y. Composition, memorandum, and note books. 166,781; Apr. 10.

Hauser Garrison Dry Goods Co., The, Wichita, Kans. Overalls, work shirts, combination work suits. 175,088; Oct. 30; Serial No. 180,215; published Aug. 14, 1923.

Hauser & Weil, New York, N. Y. Glove and veil cases, photo cases, sewing boxes, etc. 166,077; Mar. 27; Serial No. 159,032; published Dec. 5, 1922.

Hauthaway, C. L., & Sons, Boston, Mass. assignor to C. L. Hauthaway & Sons, Inc. Liquid shoe dressing. 23,560; renewed Aug. 29, 1923.

Havana Cigar Co., Cheyenne, Wyo. Cigars. 168,063; May 15; Serial No. 171,319; published Feb. 20, 1923.

Havana Cigar and Tobacco Factories, Ltd., New York, N. Y., and Habana, Cuba. Cigars and cigarettes. 163,335; Jan. 9.

Havana Cigar and Tobacco Factories, Ltd., New York, N. Y. Cigars. 164,369; Feb. 20.

Havana Cigar and Tobacco Factories, Ltd., New York, N. Y. Cigars. 177,459; Dec. 18; Serial No. 177,970; published Oct. 2, 1923.

Havana Cigar and Tobacco Factories, Ltd., New York, N. Y. Cigars. 177,461; Dec. 18; Serial No. 177,969; published Oct. 2, 1923.

Havasmile Company, The, Boston, Mass. Beverage sold as a soft drink. 164,129; Feb. 13.

Havens, Horace E., Chicago, Ill. Salad and cooking oil. 170,520; July 17; Serial No. 172,738; published Apr. 17, 1923.

Hawaiian Pineapple Company, Limited, Honolulu, Hawaii, and San Francisco, Calif. Canned pineapple. 169,819; July 3; Serial No. 168,109; published Apr. 3, 1923.

Hawaiian Pineapple Company, Limited, San Francisco, Calif., and Honolulu, Hawaii. Canned pineapple. 171,197; July 31; Serial No. 147,426; published May 8, 1923.

Hawie, Michael, Bridgeport, Conn. Hose supporters and parts thereof. 176,352; Nov. 20.

Hawkes-Jackson Company, New York, N. Y. Stationers' supplies. 170,352; July 10.

Hawkeye Bindery Company, Des Moines, Iowa. Loose-leaf binders and books, book bindings, envelopes, letterheads, etc. 168,222; May 15; Serial No. 172,273; published Feb. 13, 1923.

Hawkins Mortgage Co., Portland, Ind. Loan societies' bookkeeping record and correspondence blank forms. 168,883; May 29; Serial No. 167,396; published Mar. 13, 1923.

Hawkins, Rembrant L., Cincinnati, Ohio. Elastic bandages made without rubber. 171,372; Aug. 7; Serial No. 157,315; published May 15, 1923.

Hawks, P. L., doing business as American System Company, Roanoke, Va. Printed blank forms. 165,831; Mar. 20; Serial No. 171,359; published Jan. 2, 1923.

Hawley & Hoops, New York, N. Y. Candy. 175,009; Oct. 30; Serial No. 177,971; published Aug. 14, 1923.

Hawley Knitting Mills, Inc., New York, N. Y. Knitted outer garments. 173,822; Oct. 2; Serial No. 172,221; published July 10, 1923.

Hawthorne Paper Company, Kalamazoo, Mich. Writing paper. 170,586; July 17; Serial No. 156,447; published Apr. 17, 1923.

Hawthorne, Paul J., Harrisburg, Pa. Medicinal preparation used in the treatment of eczema, polypus, piles, etc. 165,680; Mar. 20; Serial No. 166,372; published Nov. 7, 1922.

Hay, Carl A., doing business as Newton Ice Cream Company, Newton, Kans. Ginger ale and beverages sold as soft drinks. 174,866; Oct. 23; Serial No. 180,428; published July 31, 1923.

Hay, Carl A., doing business as The Newton Ice Cream Company, Newton, Kans. Ice cream. 177,033; Dec. 11; Serial No. 160,938; published Sept. 18, 1923.

Hayes & Armstrong, Mineral Wells, Tex. Furniture polish. 177,548; Dec. 18; Serial No. 183,210; published Oct. 2, 1923.

Hayes, F. C., Newport, R. I. Hair tonic. 167,919; May 8; Serial No. 169,301; published Jan. 9, 1923.

Hayes, Jesse M., doing business as Hayes Fish Company, Bridgeport, Conn. Fresh beef, mutton, veal, lamb, pork, etc. 175,238; Oct. 30.

Hayes Loom Reed and Harness Co., Woonsocket, R. I. Loom reeds. 164,928; Feb. 27.

Hayhurst, William P., Santa Rosa, Calif. Lotion for the skin. 174,938; Oct. 30; Serial No. 175,311; published July 24, 1923.

Hayman, Leon, doing business as Hayman's Hair Shop. Hair dyes and colorings for eyebrows and lashes. 174,733; Oct. 23; Serial No. 159,581; published Aug. 7, 1923.

Haynes, George A., Inc., Boston, Mass. Caps or closures for receptacles. 174,460; Oct. 16; Serial No. 180,762; published July 3, 1923.

Haynes, Wm. S., Co., Boston, Mass. Flutes and piccolos. 166,575; Apr. 10; Serial No. 171,215; published Jan. 23, 1923.

Haynes, Wm. S., Co., Boston, Mass. Flutes and piccolos. 167,360; May 1; Serial No. 171,216; published Jan. 30, 1923.

Haynie, William W., St. Louis, Mo. Cigars. 165,682; Mar. 20; Serial No. 170,484; published Dec. 12, 1922.

Hays, J. M., Wood Products Company, Division of Standard Crate & Filler Company, Jefferson City, Mo. Automobile bumpers. 172,007; Aug. 21; Serial No. 172,629; published May 29, 1923.

Hays, Lowell J., La Fayette, Ind. Printed periodical. 165,249; Mar. 6; Serial No. 170,432; published Dec. 19, 1922.

Hayssen, H. H., Company, Inc., The, Seneca Falls, N. Y. Goiter treatments—namely, ointment and balsam. 164,616; Feb. 20.

Hayward Hosiery Company, Ipswich, Mass. Hosiery. 172,113; Aug. 21; Serial No. 171,914; published May 22, 1923.

Hazel-Atlas Glass Company, Wheeling, W. Va. Glass fruit jars. 163,897; Feb. 6.

Hazel Net Company, The, New York, N. Y. Hair nets. 163,888; Feb. 6.

Hazeltine, Louis A., Hoboken, N. J. Radio receiving sets. 172,137; Aug. 21; Serial No. 176,676; published May 29, 1923.

Hazeltine, Louis A., Hoboken, N. J. Electrical transformers. 172,138; Aug. 21; Serial No. 176,677; published May 8, 1923.

Hazeltine, Louis A., Hoboken, N. J. Electrical condensers. 172,139; Aug. 21; Serial No. 176,678; published May 8, 1923.

Hazleton Syrup Company, Hazleton, Pa. Canned malt sirup. 175,277; Oct. 30.

Head, Broadus J., doing business as American Plant Company, Alma, Ga. Potato, cabbage, etc., plants, and sweet potatoes. 169,926; July 3.

Head, Hamilton D., doing business as Excelo Manufacturing Company, Texarkana, Tex. Polish for furniture and varnished surfaces. 173,396; Sept. 25; Serial No. 173,705; published June 19, 1923.

Headcraft Cap Mfg. Co. (See Cohen, Harry H.)

Headex Remedy Co., McKeesport, Pa. Headache capsules. 175,131; Oct. 30; Serial No. 180,599; published Aug. 7, 1923.

Headley, F. H., Edgbaston, Birmingham, England. Motor cycles and perambulators, pillory-seat supports, and saddles for motor cycles. 171,388; Aug. 7; Serial No. 298,890; published May 8, 1923.

Health Buckle Belt Co. (See Gordon, Joseph P.)

Health Products Corporation, New York, N. Y. Laxative chewing gum. 170,434; July 17; Serial No. 171,732; published Apr. 10, 1923.

Healthall Medical Company. (See Kreisman, Louis.)

Healy, D. J., Shops. (See Healy, D. J.)

Healy, D. J., doing business as D. J. Healy Shops, Detroit, Mich. Women's underwear of textile fabric. 164,986; Feb. 27.

Healy, Daniel J., doing business as D. J. Healy Shops, Detroit, Mich. Wool yarns. 171,479; Aug. 7; Serial No. 178,038; published May 15, 1923.

Healy, Daniel J., Detroit, Mich. Men's, women's, and children's hose. 171,726; Aug. 14; Serial No. 170,648; published May 15, 1923.

Hearn, James A., & Son Inc., New York, N. Y. Phonographs and phonograph records. 166,593; Apr. 10; Serial No. 165,994; published Jan. 9, 1923.

Hearn, James A., & Son, Inc., New York, N. Y. Ladies' and children's flat (textile fabric) and knitted underwear. 168,198; May 15; Serial No. 165,993; published Jan. 30, 1923.

Hearn Salve Company, Carrollton, Ga. Healing ointment. 166,302; Mar. 27.

Heathcote, Edward, New York, N. Y. Hosiery, underwear, sweaters, gloves, and mittens. 174,364; Oct. 16; Serial No. 176,465; published July 17, 1923.

Hebert, R. B., and Son, Geauga Lake, Ohio. Liniment. 177,088; Dec. 11; Serial No. 173,493; published Sept. 18, 1923.

Hecht & Company. (See Hecht, William.)

Hecht, Daniel, doing business as D. Hecht & Co., San Francisco, Calif. Wheat flour. 172,750; Sept. 11; Serial No. 165,871; published May 1, 1923.

Hecht & Mendes Incorporated, New York, N. Y. Cotton fabrics, cotton and silk mixed fabrics, cotton and wool mixed fabrics, etc. 174,897; Oct. 23; Serial No. 178,560; published July 31, 1923.

Hecht, William, doing business as Hecht & Company, New York, N. Y. Children's suits. 169,150; June 12; Serial No. 162,816; published Mar. 27, 1923.

Hechtman, Chas., Osseo, Minn. Potatoes. 170,092; July 10; Serial No. 169,902; published Apr. 10, 1923.

Hecker-Jones-Jewell Milling Company, New York, N. Y. Wheat flour. 165,081; Mar. 6; Serial No. 158,678; published Oct. 17, 1922.

Hecker-Jones-Jewell Milling Company, New York, N. Y. Wheat flour. 172,756; Sept. 11; Serial No. 175,241; published June 5, 1923.

Hecker-Jones-Jewell Milling Company, New York, N. Y. Wheat flour. 177,530; Dec. 18; Serial No. 182,807; published Oct. 2, 1923.

Hecker-Jones-Jewell Milling Company, New York, N. Y. Wheat flour. 177,721–2; Dec. 25; Serial Nos. 182,805–6; published Oct. 2, 1923.

Hecker-Jones-Jewell Milling Company, New York, N. Y. Wheat flour. 177,723; Dec. 25; Serial No. 182,808; published Oct. 2, 1923.

Hedberg, A. F., & Co. (See Hedberg, Anshelm F.)

Hedberg, Anshelm F., doing business as A. F. Hedberg & Co., Long Island City, N. Y. Preparation for cleaning fresco, oilcloth, enamels, varnishes, etc. 168,618; May 29; Serial No. 167,465; published Feb. 13, 1923.

Heddon's, James, Sons, Dowagiac, Mich. Fish baits or lures. 168,461; May 22; Serial No. 173,191; published Feb. 20, 1923.

Heddon's, James, Sons, Dowagiac, Mich. Fish baits and lures, fishing hooks, rods, lines, and reels. 175,713; Nov. 6.

Heed, Rudolph B., doing business as The Columbus Pile Remedy Company, Columbus, Ohio. Salve for the treatment of piles. 168,697; May 29; Serial No. 169,810; published Feb. 13, 1923.

Heepe, Richard, Brooklyn, N. Y. Antifreezing liquid. 176,230; Nov. 20; Serial No. 176,181; published Sept. 4, 1923.

Heidbrink Company, The, Minneapolis, Minn. Medicinal preparation to relieve pain. 173,704; Oct. 2; Serial No. 176,998; published June 26, 1923.

Heidelberg, Wolff & Co., New York, N. Y. Overcoats, raincoats, smoking jackets, house coats, etc. 174,175; Oct. 9; Serial No. 179,722; published July 17, 1923.

Heidelberg, Wolff & Co., New York, N. Y. Overcoats, raincoats, smoking jackets, etc. 175,793; Nov. 13; Serial No. 179,723; published Aug. 28, 1923.

Heidelberg, Wolff & Company, New York, N. Y. Overcoats, raincoats, smoking jackets, house coats, etc. 176,565; Nov. 27; Serial No. 179,727; published Sept. 11, 1923.

Heidelberg, Wolff & Co., New York, N. Y. Overcoats, raincoats, smoking jackets, etc. 176,587; Nov. 27; Serial No. 179,728; published Sept. 11, 1923.

Heidelberger Federhalter-Fabrik Koch, Weber & Co. A.-G., Heidelberg, Germany. Fountain pens, penholders, pencils, etc. 175,354; Nov. 6; Serial No. 178,340; published Aug. 21, 1923.

Heidelberger Federhalter-Fabrik Koch, Weber & Co. A.-G., Heidelberg, Germany. Penholders and fountain pens. 175,355; Nov. 6; Serial No. 178,339; published Aug. 21, 1923.

Heidelberger, Marie A., Lambey, Veuve de P. J., Reims, France. Champagne and sparkling wines. 164,876; Feb. 27.

Heidner & Grinnell, Inc., Tacoma, Wash. Toothbrushes, hairbrushes, and nail brushes. 173,706; Oct. 2; Serial No. 178,247; published June 26, 1923.

Heil Co., The, Milwaukee, Wis. Truck bodies. 173,957–62; Sept. 11; Serial Nos. 176,466–71; published June 12, 1923.

Heileman, G., Brewing Co., La Crosse, Wis. Lager beer. 166,765–6; Apr. 10.

Heim, Fritz, & Son, Utica, N. Y. Dressing for salads and sandwiches. 168,478; May 22; Serial No. 168,262; published Feb. 20, 1923.

Heiman Brothers. (See Heiman, Lewis.)

Heiman, Lewis, doing business as Heiman Brothers, St. Louis, Mo. Storage batteries. 166,307; Mar. 27.

Heinbach Incinerator Co., St. Paul, Minn. Incinerators. 172,956; Sept. 11; Serial No. 175,427; published June 5, 1923.

Heine, L. Allen, doing business as The Heine Service, Ltd., Louisville, Ky. Periodical publication. 172,089; Aug. 21; Serial No. 176,828; published May 22, 1923.

Heineman, Arthur S., Los Angeles, Calif. Furniture—namely, chairs, tables, and desks. 167,721; May 8; Serial No. 148,885; published Jan. 30, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Heineman Bros., Baltimore, Md. Cigars. 177,271; Dec. 11; Serial No. 156,491; published Feb. 14, 1922.
Heinemann Electric Company, Philadelphia, Pa. Battery switches, vacuum-tube sockets, lighting switches, etc. 167,865; May 8; Serial No. 169,208; published Feb. 6, 1923.
Heinze, Augustus P., doing business as Motor Kool Co., Dertoit, Mich. Preparation to clean and remove scale and foreign accumulations from the interior of automobile radiators and cooling systems. 170,713; July 24; Serial No. 138,168; published Apr. 24, 1923.
Heiss, Frank A., doing business as Seesaw Cane Farms, New York, N. Y. Cane sirup. 165,768; Mar. 20; Serial No. 160,805; published Dec. 26, 1922.
Heitel, Fannie, New York, N. Y. Chemical preparation for preventing the further tearing and ripping of hosiery. 172,741; Sept. 11; Serial No. 168,680; published May 29, 1923.
Heitkamp, Elizabeth A., St. Louis, Mo. Hair pomade. 172,722; Sept. 11; Serial No. 174,777; published May 22, 1923.
Helbein-Stone Company, Inc., New York, N. Y. Watch movements. 164,416; Feb. 20.
Helbein-Stone Company, Inc., New York, N. Y. Watch movements and parts of the same. 165,354; Mar. 6; Serial No. 168,580; published Nov. 28, 1922.
Helfand, Hyman, doing business as Helfand Shoe Co., New York, N. Y. Leather shoes. 163,581; Jan. 23.
Helfand, Leopold E., doing business as Elpho Pharmacal Company, Philadelphia, Pa. Cold cream. 172,578; Sept. 11; Serial No. 171,915; published May 22, 1923.
Helfand Shoe Co. (See Helfand, Hyman.)
Heller & Long, New York, N. Y. Cotton piece goods. 168,151; May 15; Serial No. 172,673; published Feb. 13, 1923.
Heller, B., & Company, Chicago, Ill. Silver metal polish. 164,566; Feb. 20.
Heller, B., and Company, Chicago, Ill. Thickening for custards, puddings, gravies, soups, and dressings, having incidental coloring properties. 165,104; Mar. 6; Serial No. 144,456; published Nov. 7, 1922.
Heller, B., & Company, Chicago, Ill. Waste and drain pipes, sink opener and cleaner. 166,958; Apr. 17.
Heller, B., & Company, Chicago, Ill. Cleaner for windows, glass, cut glass, and skylights. 167,297; Apr. 24.
Heller, B., & Company, Chicago, Ill. Enamel cleaner. 167,298; Apr. 24.
Heller, B., & Company, Chicago, Ill. Chemical preparation for purifying the air in meat-cooling rooms, refrigerators, etc. 168,235; May 15; Serial No. 171,124; published Feb. 13, 1923.
Heller, B., & Company, Chicago, Ill. Toilet-bowl or privy cleaner. 168,311; May 15.
Heller, B., & Company, Chicago, Ill. Disinfectant and deodorizer. 169,836; July 3; Serial No. 172,991; published Mar. 13, 1923.
Heller, B., & Company, Chicago, Ill. Chemical preparation for use in keeping sausage, kidneys, tongues, etc., in a good condition. 169,837; July 3; Serial No. 172,989; published Mar. 6, 1923.
Heller, B., & Company, Chicago, Ill. Body-vermin exterminator and insecticide. 170,986; July 24.
Heller, B., & Company, Chicago, Ill. Barrels, drums, boxes, cases, cartons, packages, and containers. 170,992; July 24.
Heller, B., & Company, Chicago, Ill. Food flavorings and spices. 171,334; Aug. 7; Serial No. 172,530; published May 22, 1923.
Heller, B., & Company, Chicago, Ill. Flavoring compound. 171,578–80; Aug. 7; Serial Nos. 172,377–9; published May 22, 1923.
Heller, B., & Company, Chicago, Ill. Chemical preparations used in the curing of meat. 172,347; Aug. 28; Serial No. 172,992; published May 15, 1923.
Heller, B., & Company, Chicago, Ill. Chemical preparation for facilitating the scalding, etc., of hogs. 172,556; Sept. 11; Serial No. 171,756; published May 29, 1923.
Heller, B., & Company, Chicago, Ill. Preparation for repelling flies from cattle, horses, dogs, etc. 172,575; Sept. 11; Serial No. 173,045; published May 15, 1923.
Heller, B., & Company, Chicago, Ill. Chemical preparation for use in deodorizing ice boxes, etc. 172,579; Sept. 11; Serial No. 172,043; published May 15, 1923.
Heller, B., & Company, Chicago, Ill. Coloring for food and confectionery. 172,574; Sept. 11; Serial No. 173,046; published May 15, 1923.
Heller, B., & Company, Chicago, Ill. Metal polish. 173,815; Oct. 2; Serial No. 171,757; published May 29, 1923.
Heller, B., & Company, Chicago, Ill. Combined coloring and flavoring. 174,008; Oct. 2; Serial No. 174,304; published July 17, 1923.
Heller, B., & Company, Chicago, Ill. Insecticide for killing moths and carpet beetles. 174,010; Oct. 2; Serial No. 174,301; published July 17, 1923.
Heller, B., and Company, Chicago, Ill. Pastry preparation. 174,138; Oct. 2.
Heller, B., & Company, Chicago, Ill. Garlic flavoring compound. 174,715; Oct. 23; Serial No. 172,990; published July 24, 1923.
Heller, B., & Company, Chicago, Ill. Chemical preparation for preserving smoked sausage. 175,420; Nov. 6; Serial No. 171,127; published Aug. 28, 1923.
Heller, B., & Company, Chicago, Ill. Chemical preparation for use in preserving fresh sausage. 175,421; Nov. 6; Serial No. 171,125; published Aug. 28, 1923.
Heller, B., & Company, Chicago, Ill. Meat-curing chemical preparation. 175,430; Nov. 6; Serial No. 171,755. published Aug. 28, 1923.
Heller, B., & Company, Chicago, Ill. Pudding and dessert powders, pie fillings, cocoa, etc. 177,792; Dec. 25.
Heller, B. & Company, Chicago, Ill. Pudding and dessert powders, pie fillings, cocoa, etc. 177,794; Dec. 25.
Heller, B., & Company, Chicago, Ill. Insecticide for killing fleas. 177,809; Dec. 25.
Heller Brothers Company, Newark, N. J. Files and rasps. 171,666; Aug. 7.
Heller, Joseph J., Los Angeles, Calif. Fountain pens. 166,874; Apr. 17; Serial No. 159,027; published Jan. 23, 1923.
Heller, L., & Son, Inc., New York, N. Y. Pearls and reproductions of pearls or imitations thereof. 176,786; Nov. 27.
Helmet Cap Company, Inc., The, New York, N. Y. Radiator caps. 175,001; Oct. 30; Serial No. 172,532; published Aug. 14, 1923.
Helmholz Mitten Company, Cudahy, Wis. Leather boots, shoes, gloves, and mittens. 165,728; Mar. 20; Serial No. 169,060; published Dec. 19, 1922.
Helmholz Mitten Company, Cudahy, Wis. Gloves and mittens of leather and fabric. 168,592; May 29; Serial No. 164,500; published Dec. 12, 1922.
Helsbels Company, The. (See Williams, William J.)
Helvetia Milk Condensing Company, St. Louis, Mo. Condensed milk. 167,303; Apr. 24.
Hemingway, Wilson, jr., Vicksburg, Miss. Locks. 165,005; Feb. 27.
Henckels, J. A., New York, N. Y. Razors. 164,886; Feb. 27.
Henderson, F. R., & Co. Inc., New York, N. Y. Caoutchouc milk. 170,673; July 17; Serial No. 172,533; published Apr. 24, 1923.
Henderson Tire & Rubber Co., Inc., Columbus, Ohio, and Buffalo, N. Y. Rubber tires. 168,190; May 15; Serial No. 168,926; published Jan. 30, 1923.
Hendricks, William H., doing business as Daisy Dish Pan Company, New Haven, Conn. Nonenameled dish pans. 173,416; Sept. 25; Serial No. 152,799; published June 26, 1923.
Hendrickson, Edwin F., Cleveland, Ohio. Cough medicine. 165,617; Mar. 13; Serial No. 167,300; published Dec. 12, 1922.
Hendryx, Andrew B., Co., The, New Haven, Conn. Birdcage stands, screens, and hooks, chain and coil springs. 168,096; May 15; Serial No. 162,550; published Feb. 27, 1923.
Hendryx, Andrew B., Co., The, New Haven, Conn. Bird cages. 168,147; May 15; Serial No. 173,316; published Feb. 27, 1923.
Henle, Walter, doing business as Blackhawk Extract Company, Davenport, Iowa. Malt sirup. 173,140; Sept. 18; Serial No. 178,248; published June 19, 1923.
Hennenhofer, William G., doing business as Savage Grip Sales Company, Denver, Colo. Patches for fabric tires and inner tubes. 163,086; Jan. 2.
Hennessy, Francis W., Providence, R. I. Clothes-supporting racks. 171,069; July 31; Serial No. 172,836; published Apr. 24, 1923.
Hennessy, Francis W., East Providence, R. I. Roof-edging device. 171,538; Aug. 7; Serial No. 174,834; published May 1, 1923.
Henning, M. F., doing business as Ford Chemical Co., Oakland, Calif. Ant powder. 168,020; May 8.
Henning Wennersten Incorporated, Chicago, Ill. Malt extracts. 169,828; July 3; Serial No. 173,422; published Apr. 3, 1923.
Henriques Brothers Limited, Lisbon, Portugal. Sardines. 168,590; May 29; Serial No. 164,434; published Feb. 13, 1923.
Henry & Allen, Auburn, N. Y. Metal castings and forgings of standard and special shapes. 171,828; Aug. 14; Serial No. 175,791; published May 1, 1923.
Henry & Allen, Auburn, N. Y. Repair parts for agricultural machinery and implements. 172,311; Aug. 28; Serial No. 175,790; published May 29, 1923.
Henry & Allen, Auburn, N. Y. Wrenches and parts thereof. 176,557; Nov. 27; Serial No. 183,034; published Sept. 11, 1923.
Henry, Robt. J., Alameda, Calif. Cleansing solution having bleaching properties. 167,654; May 8; Serial No. 167,875; published Dec. 26, 1922.
Henry Wiggin & Company Limited, Parade, Birmingham, England. Nickel-copper alloys. 170,283; July 10; Serial No. 172,708; published Apr. 17, 1923.
Henry Wiggin & Company Limited, Parade, Birmingham, England. Nickel and alloys of nickel in ingots, sheets, and wire. 170,477; July 17; Serial No. 172,701; published Apr. 17, 1923.
Henry Wiggin & Company Limited, Parade, Birmingham, England. Metals used for electrical purposes. 170,478; July 17; Serial No. 172,702; published Apr. 17, 1923.
Henry Wiggin & Company Limited, Parade, Birmingham, England. Nickel steel in the form of plates, sheets, wire, etc. 170,479; July 17; Serial No. 172,703; published Apr. 17, 1923.

Henry Wiggin & Company Limited, Parade, Birmingham, England. Nickel-chrome alloy. 170,480–1; July 17; Serial Nos. 172,704–5; published Apr. 17, 1923.
Henry Wiggin & Company Limited, Parade, Birmingham, England. Nickel and manganese alloy. 170,517; July 17; Serial No. 172,707; published Apr. 17, 1923.
Henry's Handy Handles Co., Los Angeles, Calif. Spark and throttle control levers for motor vehicles. 169,165; June 12; Serial No. 167,176; published Mar. 13, 1923.
Henshel Co. Inc., The, New York, N. Y. Artificial pearls. 170,027; July 10; Serial No. 173,597; published Apr. 3, 1923.
Henson-Blair Manufacturing Company, Philadelphia, Pa. Mops. 171,474; Aug. 7; Serial No. 178,341; published May 22, 1923.
Hepper-Nelson Roofing Company, Chicago, Ill., assignors to The Richardson Company, Lockland, Ohio. Prepared roofing. 163,088; Jan. 2.
Hepsall Company, The. (See Holt, H. L.)
Herb Juice Medicine Co., Inc., Jackson, Tenn. Herb juice and laxative compound. 176,338; Nov. 20.
Herb Juice Medicine Co., Inc., Jackson, Tenn. Herb juice and laxative compound. 176,344; Nov. 20.
Herber, Pierre, New York, N. Y. Powder and liquid nail polishes, nail bleach, cuticle remover, etc. 164,630; Feb. 20.
Herbert Packing Co., Inc., San Jose, Calif. Canned fruits and vegetables. 166,022; Mar. 27; Serial No. 163,518; published Dec. 5, 1922.
Herbert Packing Co., Inc., San Jose, Calif. Canned fruits and vegetables and dried fruit. 169,703; June 26.
Herbolac Drug & Mfg. Co. (See Black, William C.)
Herbrand Company, The, Fremont, Ohio. Wrenches, pliers, hammers, screw drivers, chisels. 168,970; May 29; Serial No. 170,649; published Mar. 6, 1923.
Herbrand Company, The, Fremont, Ohio. Wrenches, pliers, hammers, etc. 173,303; Sept. 18; Serial No. 179,729; published June 19, 1923.
Hercules Carboy Box Company, Newark, N. J. Receptacles for carboys. 172,411; Aug. 28; Serial No. 178,342; published May 29, 1923.
Hercules Gasoline Co., Los Angeles, Calif. Gasoline, kerosene, petroleum distillates, etc. 175,990; Nov. 13; Serial No. 169,130; published Sept. 4, 1923.
Hercules Knitting Co., Milwaukee, Wis. Sweater coats, knitted caps, woolen hosiery, etc. 177,410; Dec. 18; Serial No. 180,120; published Oct. 2, 1923.
Hercules Paper Bag Co., Ltd., Reading, Pa., assignor to Hercules Paper Bag Mills, New York, N. Y. Paper bags. 19,344; renewed Apr. 14, 1921.
Hercules Paper Bag Mills. (See Hercules Paper Bag Co. Ltd., assignor.)
Hercules Powder Company, Wilmington, Del. Pine oil. 171,395; Aug. 7; Serial No. 176,835; published May 8, 1923.
Hercules Powder Company, Wilmington, Del. Pine oil. 171,396–9; Aug. 7; Serial Nos. 176,830–3; published May 8, 1923.
Hercules Powder Company, Wilmington, Del. Compounded oil. 172,326; Aug. 28; Serial No. 176,834; published May 8, 1923.
Hercules Powder Company, Wilmington, Del. Compounded oil used for flotation purposes. 176,782; Nov. 27.
Hergy Company, The, Hillsboro, Tex. Salve for eczema, piles, ringworm, etc. 172,964; Sept. 11; Serial No. 175,082; published June 5, 1923.
Herman, John C., & Company, Harrisburg, Pa. Cigars. 174,176; Oct. 9; Serial No. 179,599; published July 17, 1923.
Herman, Joseph F., doing business as Herman Manufacturing Company, Washington, D. C. Chain connectors. 172,482; Aug. 28.
Herman Krebs Pharmacy Co., The, doing business as Herman Krebs Products Co., Cleveland, Ohio. Goiter balm. 167,484; May 1; Serial No. 159,966; published Jan. 23, 1923.
Herman Krebs Products Co. (See Herman Krebs Pharmacy Co.)
Hermosa Orange Grove Co. (See Hunt, Hatch & Company.)
Hernandez, Miguel J., doing business as The Longrock Pharmacal Co., New York, N. Y. Blood tonic. 163,858; Jan. 30.
Herndon, Marvin, Washington, D. C. Remedy for indigestion and dyspepsia. 173,610; Oct. 2; Serial No. 158,312; published July 11, 1922.
Heroic Gum Remedy Company, Atlanta, Ga. Preparation for treatment of Riggs' disease, pyorrhea, ulcerated mouth, etc. 169,795; July 3; Serial No. 169,246; published Mar. 20, 1923.
Heron, Norman C., doing business as N. C. Heron Co., Los Angeles, Calif. Eucalyptus remedies for colds, catarrh, and rheumatism. 172,833; Sept. 11; Serial No. 161,312; published June 5, 1923.
Herrick, Guy W., Auburn, Me. Cleaning preparation for varnished, painted, and enameled surfaces, etc. 166,255; Mar. 27; Serial No. 164,642; published Jan. 2, 1923.
Herrick, William W., Saratoga Springs, N. Y. Cathartic tablets, dyspepsia and indigestion tablets, antiseptic preparations. 170,739; July 24; Serial No. 174,206; published Apr. 24, 1923.
Herrmann, Adolph S., New York, N. Y. Tablecloths, sheets, pillowcases, napkins. 174,753; Oct. 23; Serial No. 167,082; published May 22, 1923.
Herschel, R., Manufacturing Co., Peoria, Ill. Mowers, binder, header, and reaper guards, heads, pitman boxes, etc. 164,594; Feb. 20.
Hersh Brothers Company, Allentown, Pa. Multiblade, steel-plate, forced and induced draft planing mill, etc. 165,933; Mar. 20.
Hershenstein, Solomon, doing business as S. H. Rubber Mfg. Co., New York, N. Y. Inner tubes. 168,197; May 15; Serial No. 166,000; published Jan. 30, 1923.
Hershey Chocolate Co., Hershey, Pa. Chocolates. 165,247–8; Mar. 6.
Hershey Chocolate Company, Hershey, Pa. Chewing gum. 168,518; May 22.
Hershey Chocolate Company, Hershey, Pa. Chocolate mixture used as a food and in the preparation of food. 171,063; July 31; Serial No. 166,453; published Feb. 20, 1923.
Hershey Chocolate Company of New York, Inc., New York, N. Y. Sugar coated raisins. 171,129; July 31; Serial No. 158,774; published Apr. 17, 1923.
Hershey Flour Mills. (See Hershey, Samuel W.)
Hershey, Samuel W., doing business as S. W. Hershey Flour Mills, York, Pa. Wheat flour. 168,187; May 15; Serial No. 168,967; published Feb. 6, 1923.
Herskovitz, Leonard H., New York, N. Y. Pearls. 164,715; Feb. 27.
Hertz, Jacob, doing business as Hertz & Co., London, England. Insect-destroying preparations. 177,233; Dec. 11; Serial No. 181,596; published Sept. 18, 1923.
Hertz, Robert W., Indianapolis, Ind. Cartoons for publication in newspapers, magazines, etc. 177,296; Dec. 18; Serial No. 174,900; published Oct. 2, 1923.
Herz, Alexander, doing business as Alexander Herz Company, New York, N. Y. Paper bags. 168,046; May 15; Serial No. 173,567; published Feb. 20, 1923.
Herz, Alexander, doing business as The Herz Straw Co., New York, N. Y. Paper drinking straws. 171,409; Aug. 7; Serial No. 176,182; published May 1, 1923.
Herz & Kory, New York, N. Y. Children's hand bags. 175,014; Oct. 30; Serial No. 177,557; published Aug. 14, 1923.
Herzfeld-Phillipson Company, The, doing business as Milwaukee Boston Store, Milwaukee, Wis. Hair receivers, pin trays, hatpin holders, etc. 163,336; Jan. 9.
Herzog & Co., Inc., New York, N. Y. Fabrics of silk or silk mixtures, and silk blankets, also known as blanket robes. 163,337; Jan. 9.
Hess, Goldsmith & Co., New York, N. Y. Silk goods in the piece. 165,563; Mar. 13; Serial No. 157,064; Dec. 26, 1922.
Hess, Horace H., Pine Grove, Pa. Underwear of textile fabric, consisting of one and two piece garments. 165,303; Mar. 6; Serial No. 163,396; published Nov. 7, 1922.
Hethcock, Edward E., Santa Ana, Calif. Medicinal preparation used as a physic. 168,822; May 29; Serial No. 170,191; published Feb. 20, 1923.
Hewitt, Ada M., Detroit, Mich. Toy insect. 168,320; May 22; Serial No. 167,774; published Feb. 27, 1923.
Heylman, Frederick C., Martinez, Calif. Valves. 166,812; Apr. 17; Serial No. 167,566; published Jan. 23, 1923.
Heyman, Marcus A., New York, N. Y. Piece goods made of silk. 172,928; Sept. 11; Serial No. 176,407; published May 29, 1923.
Heywood-Wakefield Company, Gardner, Mass. Baby carriages and gocarts. 170,397; July 10; Serial No. 171,458; published Apr. 10, 1923.
Hiatt, Arthur R., Stockport, Iowa. Antiseptic capsules for women and antiseptic liniment for general pains. 169,817; July 3; Serial No. 167,982; published Mar. 6, 1923.
Hibbard, Marjorie H., doing business as L. B. Hibbard, Johnstown, N. Y. Gauge, razor, glass-cutter and other cases, tobacco and coin pouches, etc. 164,183; Feb. 13.
Hibben, Hollweg & Co., Indianapolis, Ind. Hosiery. 163,746; Jan. 23.
Hibler, John M., doing business as J. M. Hibler Mfg. Co., Defiance, Ohio. Cleanser for rugs, carpets, woolen goods, clothing, upholstered furniture, etc. 170,677; July 17; Serial No. 171,019; published Apr. 24, 1923.
Hickey-Freeman Co., Rochester, N. Y. Overcoats and topcoats. 174,352; Oct. 16; Serial No. 177,377; published July 17, 1923.
Hickey-Freeman Company, Rochester, N. Y. Sack suits, sport suits, golf suits, full-dress and tuxedo suits, overcoats, etc. 163,831; Jan. 30.
Hickman, Alma P., Joplin, Mo. Cloth and stockinet dolls. 177,478; Dec. 18; Serial No. 183,382; published Oct. 2, 1923.
Hickok, Clarence G., doing business as Scribner's Ink Co., Portland, Oreg. Writing inks. 175,865; Nov. 13; Serial No. 175,312; published Aug. 21, 1923.
Hickok Manufacturing Company, Inc., Rochester, N. Y. Buckles. 177,816; Dec. 25.
Hickory Hill Farm, Jefferson City, Mo. Hams. 166,346; Apr. 3; Serial No. 158,311; published Jan. 16, 1923.
Hicks Corporation, The, Pittsburgh, Pa. Dishwashing machines. 172,771; Sept. 11; Serial No. 173,355; published June 5, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Hicks, Mme. Bertha M., Manufacturing Co., The, Indianapolis, Ind. Hair growers, liquid hair tonic, tetter salve, face cream, etc. 170,394; July 17; Serial No. 171,365; published Apr. 3, 1923.

Hicks, W. Wesley, San Francisco, Calif. Electric water heaters, electric air heaters, radiant floor and wall heaters, etc. 169,966; July 10; Serial No. 174,962; published Apr. 3, 1923.

Hide Leather & Belting Company, The. Indianapolis, Ind. Leather and fabric belting. 165,098; Mar. 6; Serial No. 161,316; published Nov. 28, 1922.

Hiertz, Theodore, & Son; Theodore Hiertz Metal Co., successor, St. Louis, Mo. Babbitt metal and antifriction journal bearings. 22,658; renewed Mar. 14, 1923.

Higgins-Babcock-Hurd Company, The, Cleveland, Ohio. Salad dressing, vinegar, canned fruits and vegetables, etc. 170,847; July 24; Serial No. 165,134; published Mar. 27, 1923.

Higgin's Packing Company, Omaha, Nebr. Hams and bacon. 166,257; Mar. 27; Serial No. 164,907; published Dec. 19, 1922.

Higgin's Packing Company, Omaha, Nebr. Hams and bacon. 166,660; Apr. 10; Serial No. 164,908; published Jan. 30, 1923.

High Score Products Co. (See Langfeld, Daniel.)

High Tension Supplies Co., Wilmington, Del. Radio lightning arresters. 175,890; Nov. 13; Serial No. 180,763; published Aug. 21, 1923.

Highland Cordage Company, Highland and Hickory, N. C. Cords, twines, ropes, and lines. 171,217; July 31; Serial No. 177,668; published May 15, 1923.

Highland Lake Paper Company, Walpole, Mass. Sheathing paper, waterproof building paper, roofing paper, etc. 171,471; Aug. 7; Serial No. 178,610; published May 22, 1923.

Highland Lake Paper Company, Walpole, Mass. Sheathing, waterproof building and roofing paper, tar felt, and asphalt shingles. 174,597; Oct. 23; Serial No. 178,611; published July 17, 1923.

Highland Manufacturing Company, Holyoke, Mass. Writing, typewriting, and printing papers, papeteries, etc. 166,279; Mar. 27.

Highland Manufacturing Company, Holyoke, Mass. Correspondence cards. 166,280; Mar. 27.

Highland Manufacturing Company, Holyoke, Mass. Writing, typewriting, and printing papers, papeteries, writing, correspondence, and index cards, etc. 166,281; Mar. 20.

Highland Milling Company, Highland, Ill. Wheat flour. 177,572; Dec. 18; Serial No. 177,740; published Oct. 2, 1923.

Hightower, James F., doing business as The Shumake Remedy Co., Fort Worth, Tex. Medicine for kidney disorders. 165,494; Mar. 13; Serial No. 166,182; published Nov. 7, 1922.

Hightstown Hardware Company, Hightstown, N. J. Insecticides. 167,635; May 1; Serial No. 166,596; published Jan. 2, 1923.

Hi-Gypsy Co. (See International Consolidated Chemical Corporation.)

Hikecut Company. (See Van Der Vygh, Frans.)

Hildesheimer, J., Co., New York, N. Y. Infants' and children's hats, caps, and bonnets. 169,392; June 12; Serial No. 166,074; published Mar. 6, 1923.

Hill, C. V., & Co. Inc., Trenton, N. J. Refrigerators. 169,180; June 12; Serial No. 170,247; published Mar. 20, 1923.

Hill Clothes Dryer Co., Worcester, Mass. Clothes driers, balcony clothes driers, etc. 175,918; Nov. 13; Serial No. 180,282; published Sept. 4, 1923.

Hill, Herbert M., Leonia, N. J. Electrical connector clips and clamps for amateur radio use. 175,738; Nov. 13; Serial No. 178,612; published Sept. 4, 1923.

Hill-Hoel Mfg. Co., South Bend, Ind. Cedar chests. 175,833; Nov. 13; Serial No. 181,944; published Aug. 21, 1923.

Hill-Hubbell and Company, San Francisco, Calif. Anticorrosive protective and waterproof paint coatings, bituminous paints, marine paint, etc. 170,881; July 24; Serial No. 157,426; published Mar. 20, 1923.

Hill and Loper Company, Incorporated, The, Danbury, Conn. Men's, women's, and children's hats. 172,041; Aug. 21; Serial No. 158,842; published May 22, 1923.

Hill, N. N., Brass Co., East Hampton, Conn. Toy telephones. 166,753; Apr. 10.

Hill, S. W., and Sons, Morgantown, W. Va. Salve. 177,171; Dec. 11; Serial No. 181,119; published Sept. 18, 1923.

Hillbern Thrift Corporation, Chicago, Ill. Printed books. 174,838; Oct. 23; Serial No. 176,626; published July 31, 1923.

Hiller, Stanley, Inc., San Jose, Calif. Apparatus for revivifying kieselguhr, apparatus for producing charcoal, fish-meal apparatus, and sirup clarifiers. 171,836; Aug. 14; Serial No. 171,713; published May 8, 1923.

Hiller, Stanley, Inc., San Jose, Calif. Waste saving machinery and apparatus. 172,446; Aug. 28; Serial No. 171,712; published May 29, 1923.

Hillerich & Bradsby Co., Inc., Louisville, Ky. Baseball bats. 173,941; Oct. 2; Serial No. 180,432; published July 10, 1923.

Hillerich & Bradsby Co., Inc., Louisville, Ky. Baseball bats. 173,943; Oct. 2; Serial No. 180,431; published July 10, 1923.

Hillerich & Bradsby Co., Inc., Louisville, Ky. Baseball bats. 173,983–4; Oct. 2; Serial Nos. 180,434–4; published July 10, 1923.

Hillerich & Bradsby Co., Inc., Louisville, Ky. Baseball bats. 174,159; Oct. 9; Serial No. 180,430; published July 17, 1923.

Hillig, Frederick W., doing business as F. W. Hillig Co., New York, N. Y. Tablecloths, napkins, scarfs, etc. 173,967; Oct. 2; Serial No. 161,549; published July 17, 1923.

Hillig, Frederick W., doing business as F. W. Hillig Co., New York, N. Y. Bed coverings, sheetings, pillowcases, bedspreads, tickings. 173,968; Oct. 2; Serial No. 161,550; published July 17, 1923.

Hills Bros., San Francisco, Calif. Coffee. 163,338; Jan. 9.

Hillsdale Baking Company, Hillsdale, Mich. Bread. 177,442–3; Dec. 18; Serial Nos. 182,149–50; published Oct. 2, 1923.

Hillsdale Manufacturing Company, Hillsdale, Mich., and Chicago, Ill. Knee and long pants and boys' suits and overcoats. 164,217; Feb. 13.

Hillside Cotton Mills, La Grange, Ga. Rugs made of grass and fiber. 165,449; Mar. 13; Serial No. 171,366; published Jan. 2, 1923.

Hillside Fluor Spar Mines, Chicago, Ill. Foundry flux. 175,636; Nov. 6; Serial No. 179,792; published Aug. 28, 1923.

Hillyard, Newton S., doing business as Hillyard Chemical Company, St. Joseph, Mo. Disinfectant. 174,861; Oct. 23; Serial No. 180,600; published Aug. 7, 1923.

Hillyard, Newton S., doing business as Hillyard Chemical Company, St. Joseph, Mo. Floor dressing. 175,130; Oct. 30; Serial No. 180,602; published Aug. 14, 1923.

Hilton, Joseph, New York, N. Y. Men's, young men's, and boys' clothing and haberdashery. 177,009; Dec. 11; Serial No. 153,507; published June 26, 1923.

Himmer Brothers Co. Inc., The, Baltimore, Md. Waxed paper. 170,297; July 10; Serial No. 175,394; published Apr. 10, 1923.

Himmer, Vitalis, New York, N. Y. Radiotelephone receiving sets and parts thereof. 166,561; Apr. 10; Serial No. 169,058; published Dec. 26, 1922.

Hinchliffe, Alfred W., doing business as Webster Cider & Vinegar Co., Webster, N. Y. Vinegar. 173,068; Sept. 11.

Hinckley, Don H., doing business as Sunrise Optical Co., Chicago, Ill. Ophthalmic lenses and frames, special machinery for their manufacture and measure. 164,958; Feb. 27.

Hinckley Manufacturing Co., Providence, R. I. Buttons, shoe ornaments, badges, and emblems. 170,070; July 10; Serial No. 165,552; published Apr. 3, 1923.

Hinckley Manufacturing Company, Providence, R. I. Bracelets, finger rings, brooches, bar pins, and buttons. 171,997; Aug. 21; Serial No. 168,469; published May 8, 1923.

Hind & Harrison Plush Co., The, Clark Mills and New York, N. Y. Mohair plushes in the piece. 163,947; Feb. 6.

Hiner, Ward B., doing business as Red Ball Transit Company, Indianapolis, Ind. Moving vans or trucks. 169,251; June 12; Serial No. 170,920; published Mar. 13, 1923.

Hinkle, Hutchinson S., doing business as The Leclare Laboratories, New York, N. Y. Hair remover. 176,974; Dec. 11; Serial No. 180,066; published Sept. 11, 1923.

Hinkson, Andrew H., doing business as Shults Ointment Company, Chester, Pa. Ointments used for swellings, sores, bruises, burns, etc., and liniments. 170,014; July 10; Serial No. 172,593; published Apr. 3, 1923.

Hite Brothers, Peru, Ind. Pancake and buckwheat flour. 177,124; Dec. 11; Serial No. 181,342; published Sept. 25, 1923.

Hipolito Screen & Sash Co., Los Angeles, Calif. Window and door wire screens. 175,325; Nov. 6; Serial No. 180,764; published Aug. 14, 1923.

Hi-Power Company of New Jersey. (See Beck & Truelove.)

Hipp, Didisheim Company, Inc., New York, N. Y. Watches, watch movements, and parts of same. 166,999; Apr. 17.

Hipp. Didisheim Company, Inc., New York, N. Y. Watches, watch movements, and parts of the same. 169,952; July 10; Serial No. 174,618; published Apr. 3, 1923.

Hipp. Didisheim Company, Inc., New York, N. Y. Watches, watch movements, and parts of the same. 169,953; July 10; Serial No. 174,620; published Apr. 3, 1923.

Hipp. Didisheim Company, Inc., New York, N. Y. Watches, watch movements, and parts of the same. 169,954–5; July 10; Serial Nos. 174,622–3; published Apr. 3, 1923.

Hipp. Didisheim Company, Inc., New York, N. Y. Watches, watch movements, and parts of the same. 169,957; July 10; Serial No. 174,624; published Apr. 3, 1923.

Hipp. Didisheim Company, Inc., New York, N. Y. Watches, watch movements, and parts of same. 171,061; July 31; Serial No. 174,621; published Apr. 24, 1923.

Hird, Roy G., doing business as Garley Steel Company, Chicago, Ill. Steel sheets, bars, plates, and blue annealed. 173,904; Oct. 2; Serial No. 176,127; published July 3, 1923.

Hires, Charles E., Company, The, Philadelphia, Pa. Root beer. 24,058; renewed Jan. 16, 1924.

Hirsch, Barnard Company, San Francisco, Calif. Pearl beads. 171,927; Aug. 14.

Hirsch Bros. & Co., Incorporated, Louisville, Ky. Salad relish. 171,401; Aug. 7; Serial No. 176,627; published May 22, 1923.

Hirsch Brothers Co., Chicago, Ill. Cake mix. 170,899; July 24; Serial No. 171,081; published Mar. 13, 1923.

Hirsch, Daniel, New York, N. Y. Identification tags. 170,695; July 17.

Hirsch & Flashner. (See Flashner, Joseph.)

Hirsch, Walter J., Co., Chicago, Ill. Peanut butter, olives, mustard, chow relish. 170,584; July 17; Serial No. 157,523; published Apr. 24, 1923.

Hirsch, Walter J., Company, Chicago, Ill. Candy. 171,147; July 31; Serial No. 162,547; published May 15, 1923.

Hirsch, Walter J., Company, Chicago, Ill. Ice-cream cones. 172,203; Aug. 28; Serial No. 172,534; published May 29, 1923.

Hirsch, William L., Buffalo, N. Y. Laxatives. 165,429; Mar. 13; Serial No. 165,910½; published Dec. 12, 1922.

Hirschberg & Co., New York, N. Y. Men's, boys', and children's caps made of cloth, leather, etc. 164,231–2; Feb. 13.

Hirschfeld, Mildred, doing business as Dorisa Manufacturing Co., New York, N. Y. Nursing-bottle holders. 166,182; Mar. 27; Serial No. 166,597; published Nov. 28, 1922.

Hirschfelder & Meaney, San Francisco, Calif. Baggage—namely, trunks, grips, suitcases, etc. 169,924; July 3.

Hirschl & Bendheim, Washington, Mo. Tobacco-smoking pipes. 165,744; Mar. 20; Serial No. 171,694; published Jan. 2, 1923.

Hirschl & Bendheim, Washington, Mo. Corncob tobacco-smoking pipes. 166,789; Apr. 17; Serial No. 159,313; published June 13, 1922.

Hirshberg, J., Co., Inc., McKeesport, Pa. Phonographs. 164,306; Feb. 20.

Hirshfeld, Jacob B., doing business as J. B. Hirshfeld & Co., Inc., New York, N. Y. Knitted and nainsook underwear, hosiery, and sweaters. 174,264; Oct. 9; Serial No. 176,184; published July 17, 1923.

Hirshfield, Maurice W., doing business as Marfield Radio Mfg. Co., New York, N. Y. Sound amplifiers for wireless telephone and telegraph receiving instruments. 169,387; June 12; Serial No. 168,529; published Mar. 27, 1923.

Hirshfield Skirt Co., St. Louis, Mo. Outer skirts for girls. 170,360; July 10.

Hirz Bros., Paterson, N. J. Cake. 170,966; July 24.

Hisgen Bros., assignor to Sinclair Refining Company, Albany, N. Y. Axle grease. 24,196; renewed Feb. 6, 1924.

Hitchings-Spence, Lynn, Mass. Electrical fixtures, lamp sockets, and brackets. 166,565; Apr. 10; Serial No. 167,615; published Dec. 26, 1922.

Hi-Way Laboratories. (See Finstick, Lawrence A.)

Hobbs, Edward M., Berea, Ohio. Live poultry. 167,388; May 1; Serial No. 164,592; published Jan. 30, 1923.

Hobbs, H. C., doing business as Fidelity Pencil Company, New York, N. Y. Pencils. 170,204; July 10; Serial No. 173,132; published Mar. 13, 1923.

Hobdell, Way and Company Limited, London, England. Crude asbestos. 167,527; May 1; Serial No. 165,995; published Jan. 9, 1923.

Hochschild, Kohn & Co., Inc., Baltimore, Md. Arch supports and elastic bandages. 168,508; May 22.

Hochschild, Kohn & Co., Inc., Baltimore, Md. Shoes. 169,421; June 12.

Hochstadter, Harry C., Philadelphia, Pa. Dental floss. 169,946; July 10; Serial No. 174,392; published Apr. 10, 1923.

Hockaday Company, The, Chicago, Ill. Wall-finishes and reducers. 174,689; Oct. 23; Serial No. 179,940; published July 3, 1923.

Hockaday Company, The, Chicago, Ill. Wall finishes. 176,041; Nov. 13; Serial No. 179,939; published Sept. 4, 1923.

Hockmeyer Bros., New York, N. Y. Cotton piece goods. 172,906; Sept. 11; Serial No. 179,369; published June 5, 1923.

Hodapp, Clarence G., doing business as Minute Kleen Laboratories, Detroit, Mich. Preparations for polishing automobiles, pianos, etc. 176,779; Nov. 27.

Hodes-Zink Mfg. Co., Fremont, Ohio. All fabric accessories made for automobiles. 167,609; May 1; Serial No. 157,221; published Dec. 19, 1922.

Hodge, E. D., Tool and Manufacturing Company, Watertown, N. Y. Timers for Ford cars and tractors. 170,962; July 24.

Hodge-Falk Corporation, San Francisco, Calif. Sport and ready-to-wear hats. 163,232; Jan. 2.

Hoefelmayr, K., Edelweiss Camembert Fabrik. (See Hoefelmayr, K.)

Hoefelmayr, K., doing business as K. Hoefelmayr Edelweiss Camembert Fabrik, Kempten, Germany. Cheese, butter, milk, etc. 166,132; Mar. 27; Serial No. 141,722; published Aug. 22, 1922.

Hoefler, Harry, Candy Company, San Francisco, Calif. Chocolate-coated candy. 164,985; Feb. 27.

Hoefler, Henry R., Astoria, Oreg., and San Francisco, Calif. Chocolate and candies. 175,347; Nov. 6. Serial No. 170,107; published Aug. 14, 1923.

Hoeft & Company, Inc., Chicago, Ill. Poultry drinking fountains, combined poultry drinking fountain and feeders, baby-chick feeders, poultry feeding troughs, etc. 167,848; May 8; Serial No. 164,539; published Dec. 26, 1922.

Hoegger, J. A., Jersey City, N. J. Supports for bathroom and other fixtures. 176,573; Nov. 27; Serial No. 178,503; published Sept. 18, 1923.

Hoegee, Wm. H., Co., Inc., Los Angeles, Calif. Water bags for drinking water. 164,367; Feb. 20.

Hoenig, Morris J., Newark, N. J. Completely-printed books. 169,789; July 3; Serial No. 168,470; published Mar. 27, 1923.

Hoevel Manufacturing Corporation, Jersey City, N. J. Sandblast apparatus and parts thereof and accessories therefor. 174,993; Oct. 30; Serial No. 173,284; published Aug. 7, 1923.

Hoey, John, & Co., San Francisco, Calif. Mattresses. 173,766; Oct. 2; Serial No. 177,084; published May 29, 1923.

Hoey, John, & Co., San Francisco, Calif. Mattresses. 176,703; Nov. 27; Serial No. 177,085; published Sept. 11, 1923.

Hoey, John J., Los Angeles, Calif. Canned ripe olives. 170,105; July 10; Serial No. 168,364; published Apr. 10, 1923.

Hofer, Louis, doing business as Foot Balm Company, Cincinnati, Ohio. Foot balm. 176,981; Dec. 11; Serial No. 179,793; published Sept. 11, 1923.

Hoffman Bros. Inc., New York, N. Y. Watches, clocks, and parts thereof. 167,779; May 8; Serial No. 171,798; published Feb. 13, 1923.

Hoffman Candy Co., Cleveland, Ohio. Candy bar. 173,948; Oct. 2; Serial No. 178,343; published July 17, 1923.

Hoffman, Charles E., Philadelphia, Pa. Mercurol used in the treatment of trachoma. 168,510; May 22.

Hoffman, Elic A., doing business as E. A. Hoffman Candy Co., also as Hoffman's, Los Angeles, Calif. Candy and chocolates. 173,358; Sept. 25; Serial No. 159,024; published June 26, 1923.

Hoffman, Elic A., doing business as E. A. Hoffman Candy Co., Los Angeles, Calif. Candy. 174,791; Oct. 23; Serial No. 174,393; published July 24, 1923.

Hoffman, F. A., Co., The, Cleveland, Ohio. Dairy products—namely, butter, evaporated milk, eggs, etc. 170,852; July 24; Serial No. 163,798; published Mar. 27, 1923.

Hoffman, F., & Sons, Inc., Newark, N. J. Beverages sold as soft drinks and sirups for making same. 163,339; Jan. 9.

Hoffman, Herman B., New York, N. Y. Women's undergarments. 173,864; Oct. 2; Serial No. 175,195; published July 10, 1923.

Hoffman, Joseph, Philadelphia, Pa. Automobile steering controllers adapted to aid in stabilizing the steering control of automobiles. 167,607; May 1; Serial No. 157,995; published Dec. 26, 1922.

Hoffman, M. C., & Co., New York, N. Y. Silk and wool crêpe in the piece. 171,402; Aug. 7; Serial No. 176,546; published May 1, 1923.

Hoffman, Morris Company, St. Louis, Mo. Knickerbockers. 168,451; May 22; Serial No. 170,192; published Feb. 20, 1923.

Hoffman, Mrs. Nellie F., Brookings, S. Dak. Medicine for the treatment of hog cholera. 174,067; Oct. 2; Serial No. 178,504; published July 10, 1923.

Hoffman, Samuel L., Brooklyn, N. Y., and Jersey City, N. J. Ladies' house and street dresses and men's, ladies', and children's bath robes all made of cotton. 164,226; Feb. 13.

Hoffman, William M., Buffalo, N. Y. Fuel-oil burners. 171,680; Aug. 7.

Hoffmann, J. G., Sons Co., Wheeling, W. Va. Oak-tanned harness leather. 24,045; renewed Jan. 16, 1924.

Hoffmann, John, & Sons Co., Milwaukee, Wis. Evaporated milk, canned vegetables, fruits, etc. 176,839; Dec. 4; Serial No. 178,249; published Aug. 21, 1923.

Hoffmann, William, Chicago, Ill. Tonic and food for feathered pets. 170,898; July 24; Serial No. 171,217; published Mar. 13, 1923.

Hofstra Manufacturing Company, Tulsa, Okla. Insecticides. 170,980; July 24.

Hogan, J. J., Incorporated, La Crosse, Wis. Canned fruits, vegetables, fish, evaporated milk, etc. 163,340; Jan. 9.

Hogan, J. J., Incorporated, La Crosse, Wis. Canned fruits, vegetables, and fish, and coffee. 167,711; May 8; Serial No. 161,130; published Feb. 20, 1923.

Hogland, Joseph L., doing business as Victor Products Co., Kansas City, Mo. Dressing and cleaner for pantasote leather and rubber. 167,286; Apr. 24.

Hohner, M., New York, N. Y. Mouth harmonicas. 168,408–9; May 22; Serial Nos. 171,420–21; published Feb. 20, 1923.

Hohner, M., New York, N. Y. Mouth harmonicas. 175,786; Nov. 13; Serial No. 179,794; published Aug. 21, 1923.

Hohner, M., New York, N. Y. Mouth harmonicas. 174,874; Oct. 23; Serial No. 180,180; published July 24, 1923.

Ho-Jay Corporation, Rochester, N. Y. Beverages and sirups used in making same. 177,493; Dec. 18; Serial No. 182,812; published Oct. 2, 1923.

Ho-Jay Corporation, Rochester, N. Y. Beverage coolers. 177,531; Dec. 18; Serial No. 182,811; published Oct. 2, 1923.

Holbrook, Merrill & Stetson, San Francisco and Los Angeles, Calif. Coal, coke, wood, gas, and oil ranges, cooking and heating stoves, etc. 163,089; Jan. 2.

Holbrook, Merrill & Stetson, San Francisco and Los Angeles, Calif. Refuse receptacles. 163,341; Jan. 9.

Holbrook, Merrill & Stetson, San Francisco and Los Angeles, Calif. Ranges, cooking and heating stoves, and stovepipe, furnaces, etc. 165,364; Mar. 6; Serial No. 162,410; published Oct. 17, 1922.

Holbrook, Merrill & Stetson, San Francisco, Calif. Plumbing, steam-fitting, and hardware supplies. 166,798; Apr. 17; Serial No. 150,531; published Jan. 9, 1923.

Holbrook, Merrill & Stetson, San Francisco and Los Angeles, Calif. Cooking and heating stoves, furnaces, radiators, etc. 170,137; July 10; Serial No. 162,409; published Apr. 3, 1923.

Holbrook Pie Baking Co., Inc., Albany, N. Y. Envelopes used as containers for bakery products. 163,747; Jan. 23.

Holbrook, W. H., Company, Boston, Mass. All-wool textile piece goods. 173,689; Oct. 2; Serial No. 177,489; published June 19, 1923.

Holdems Company. (See Fenno, Herbert L.)

Holden, George, Quenemo, Kans. Ointment for croup, colds, pneumonia, bronchitis, etc. 167,621; May 1; Serial No. 167,721; published Jan. 2, 1923.

Holden-Leonard Co., New York, N. Y. Worsted and woolen textile fabrics. 165,699; Mar. 20; Serial No. 169,971; published Jan. 2, 1923.

Holden-Leonard Co., New York, N. Y. Worsted and woolen textile fabrics. 166,194; Mar. 27; Serial No. 162,002; published Jan. 9, 1923.

Holden-Leonard Company, New York, N. Y. Worsted and woolen textile fabrics. 168,457; May 22; Serial No. 173,423; published Feb. 20, 1923.

Holding Committee for Educational and Philanthropic Work, The, St. Louis, Mo. Monthly magazine. 171,760; Aug. 14; Serial No. 161,315; published May 1, 1923.

Holland Canning Company, Holland, Mich. Canned fruits and vegetables. 173,841; Oct. 2; Serial No. 171,917; published July 3, 1923.

Holland Food Corporation, New York, N. Y. Cheese. 170,862; July 24; Serial No. 167,617; published Mar. 20, 1923.

Holland Furnace Company, Holland, Mich. Magazine published monthly. 176,426; Nov. 27; Serial No. 181,024; published Sept. 11, 1923.

Holland, Joshua, doing business as Holland Pharmaceutical Company, Chicago, Ill. Sore-throat remedy. 176,293; Nov. 20; Serial No. 179,407; published Aug. 14, 1923.

Holland Knitting Co., Brooklyn, N. Y. Men's fashioned ties made of knitted silk. 177,618; Dec. 25; Serial No. 182,586; published Sept. 4, 1923.

Holland O'Neil Milling Co., Mount Vernon, Mo. Wheat flour. 167,140; Apr. 24; Serial No. 156,899; published Dec. 26, 1922.

Holland O'Neal Milling Co., Mount Vernon and Springfield, Mo. Wheat flour. 172,757; Sept. 11; Serial No. 175,102; published June 5, 1923.

Holland Specialty Company, Peoria, Ill. Preparation for cleaning artificial dentures. 175,937; Nov. 13; Serial No. 174,647; published July 24, 1923.

Hollander, Isadore, doing business as Hollander Chemical Works, Bayonne, N. J. Insecticides. 174,402; Oct. 16; Serial No. 178,388; published July 17, 1923.

Hollander, Joseph, Inc., Newark, N. J. Dyed animal skins. 169,977; July 10; Serial No. 166,741; published Apr. 10, 1923.

Hollander-Lewis Co., Inc., Pittsburgh, Pa. Men's trousers. 175,939; Nov. 13; Serial No. 174,447; published Aug. 21, 1923.

Hollbach, John, Company, Paterson, N. J. Woven mesh fabrics. 174,030; Oct. 2; Serial No. 176,628; published June 12, 1923.

Hollins, William, & Co., Inc., New York, N. Y. Cotton piece goods. 166,907; Apr. 17; Serial No. 170,193; published Jan. 30, 1923.

Hollins, William, & Company, Inc., New York, N. Y. Wool, silk, cotton, and mixtures of same piece goods. 171,272; July 31.

Hollins, William, & Co. Ltd., London and Mansfield, England. Negligee shirts, collars, pyjamas, etc. 176,623; Nov. 27; Serial No. 161,005; published Sept. 18, 1923.

Hollins, William, & Company, Limited, London and Mansfield, England. Cloth made of wool and cotton. 168,674; May 29; Serial No. 146,509; published Feb. 27, 1923.

Hollis, Paul S., doing business as Big State Co., Fort Worth, Tex. Nonalcoholic maltless beverage powder used for making soft drinks. 174,676; Oct. 23; Serial No. 172,380; published July 24, 1923.

Hollister, George S., doing business as Mohawk Motors Co., Cleveland, Ohio. Transmission equipments for motor vehicles. 164,935; Feb. 27.

Holm, J. Henry, doing business as Calcorganic Laboratories, Chicago, Ill. Medicinal compound to be dispensed for promoting calcification. 170,402; July 17; Serial No. 171,539; published Apr. 10, 1923.

Holman, A. J., Company, Philadelphia, Pa. Particular edition of the New Testament. 163,718; Jan. 23.

Holmes Company, Robbinston, Me. Canned sardines. 163,505; Jan. 16.

Holmes, Henry G., doing business as The Mrs. A. G. Holmes & Co., Corsicana, Tex. Yeast. 169,395; June 12; Serial No. 165,497; published Mar. 27, 1923.

Holmquist, Peter C., doing business as Holmquist & Co., Chicago, Ill. Woodenware. 169,272; June 12; Serial No. 151,760; published Feb. 27, 1923.

Holstein, Harvey, Inc., Wilmington, Del. Canned fruits and vegetables, condiments, rice, etc. 176,858; Dec. 4; Serial No. 166,369; published Sept. 11, 1923.

Holstein Rubber Company, The, Hartford, Conn. Single and double faced rubber sheeting. 167,868; May 8; Serial No. 168,681; published Feb. 20, 1923.

Holt, H. L., doing business as The Hepsall Company, Ogamaw, Ark. Preparation for use in the treatment of the hair. 169,679; June 26; Serial No. 173,285; published Mar. 27, 1923.

Holt Manufacturing Company, The, Stockton, Calif. Tractors, traction engines, harvesters, etc. 168,937; May 29; Serial No. 173,234; published Mar. 6, 1923.

Holt Manufacturing Company, The, Stockton, Calif. Harvesters, thrashers, and combined harvesters and thrashers. 176,668; Nov. 27; Serial No. 182,213; published Sept. 11, 1923.

Holtite Manufacturing Co., Baltimore, Md. Rubber heels for shoes. 166,552; Apr. 10; Serial No. 125,461; published Dec. 21, 1920.

Holtite Manufacturing Company, Baltimore, Md. Rubber heels for shoes. 176,214; Nov. 20; Serial No. 178,844; published Aug. 28, 1923.

Holway, Sadie, doing business as Columbia Ave. Beauty Parlor, Philadelphia, Pa. Face powders and creams, perfumes, rouges, etc. 173,094; Sept. 18; Serial No. 177,299; published June 12, 1923.

Holyoke Company, The, Holyoke, Mass. Wires for millinery and personal use and straw braids. 172,261; Aug. 28; Serial No. 132,740; published May 22, 1923.

Holzman, Samuel, doing business as Tsout Remedy Co., New York, N. Y. Remedy for corns, calli, and warts. 170,259; July 10; Serial No. 170,818; published Apr. 3, 1923.

Homberg, Rudolph F., Boston, Mass. Women's and children's blouses, skirts, dresses, bloomers, and knickers. 166,621; Apr. 10; Serial No. 168,970; published Jan. 9, 1923.

Home Bakery. (See Huck, George W.)

Home Dairy Company, Saginaw, Mich. Pastry, doughnuts, bread, biscuits, cake, potato chips, etc. 176,952; Dec. 11; Serial No. 147,288; published Mar. 14, 1922.

Home Food Service Company Incorporated, Denver, Colo. Breakfast cereal foods. 176,692; Nov. 27; Serial No. 167,084; published July 31, 1923.

Home Lighting Equipment Corporation, New York, N. Y. Portable electrical lamps, parts thereof, etc. 174,409; Oct. 16; Serial No. 175,792; published July 10, 1923.

Home-Made Noodle Co., Philadelphia, Pa. Noodles. 163,435; Jan. 9.

Home Products Inc., Rahway, N. J. Carbon-tetrachloride cleansing preparation. 167,789; May 8; Serial No. 165,952; published Jan. 30, 1923.

Hommel, William H., doing business as The Hommel Wine Company, Sandusky, Ohio. Wines and champagnes. 165,893–4; Mar. 20.

Hommel Wine Company, The. (See Hommel, William H.)

Homo Phone Co., The. (See Miller, Howard A.)

Hom-Pyrrho Co., San Francisco, Calif. Mouth wash and a remedy for pyorrhea. 170,744; July 24; Serial No. 174,626; published Apr. 24, 1923.

Honey Products Co., Tustin, Calif. Peanut jam. 170,557; July 17; Serial No. 173,769; published Apr. 24, 1923.

Honeyman, William A., doing business as Pull-Rak Company, San Francisco, Calif. Merchandise-vending machines. 171,660; Aug. 7.

Honeywell Heating Specialties Company, Wabash, Ind. Fluid-pressure regulating and controlling instruments. 176,762; Nov. 27; Serial No. 175,396; published Sept. 18, 1923.

Honoroff & Wittmer Co., Uniontown, Pa. Preparation for dysentery, diarrhea, cholera morbus, summer complaints, etc. 167,349; May 1; Serial No. 153,140; published Dec. 26, 1922.

Hood, Charles I., Lowell, Mass., assignor to C. I. Hood Company, Kittery, Me. External and internal remedies for certain named diseases. 23,231; renewed July 11, 1923.

Hood, Charles I., Lowell, Mass., assignor to C. I. Hood Company, Kittery, Me. Compound of sarsaparilla. 23,353; renewed July 11, 1923.

Hood, H. P., & Sons, Inc., Boston, Mass. Butter, dried beans, bread, buttermilk, etc. 170,911; July 24; Serial No. 146,216; published Apr. 3, 1923.

Hood, H. P., & Sons, Inc., Boston, Mass. Confection comprising a frozen edible material covered with a coating of hardened chocolate. 174,338; Oct. 16; Serial No. 158,234; published Dec. 5, 1922.

Hood, H. P., & Sons, Inc., Boston, Mass. Milk, cream, butter, cheese, and ice cream. 177,137; Dec. 11; Serial No. 146,215; published June 6, 1922.

Hood River Apple Vinegar Co., also doing business as Mountain Maid Products Company, Hood River, Oreg. Apple vinegar, canned pork and beans, soup, chile con carne, and meat. 171,379; Aug. 7; Serial No. 147,960; published May 8, 1923.

Hood River Apple Vinegar Co., Hood River, Oreg. Fruit pectin. 176,711; Nov. 27; Serial No. 183,213; published Sept. 18, 1923.

Hood River Canning Co., Hood River, Oreg. Canned cherries. 170,442; July 17; Serial No. 172,093; published Apr. 10, 1923.

Hood Rubber Company, Watertown, Mass. Rubber vehicle tires and tubes. 169,179; June 12; Serial No. 169,674; published Mar. 20, 1923.

Hood Rubber Company, Watertown, Mass. Batteries and parts thereof. 169,483; June 19; Serial No. 174,577; published Mar. 27, 1923.

Hood Rubber Company, Watertown, Mass. Rubber boots and shoes, rubber overshoes, and rubber-soled canvas shoes. 170,759; July 24; Serial No. 176,344; published Apr. 24, 1923.

Hood Rubber Company, Watertown, Mass. Rubber boots, shoes, and overshoes, rubber-soled canvas shoes. 176,205; Nov. 20; Serial No. 179,470; published Aug. 14, 1923.

Hood Rubber Company, Watertown, Mass. Rubber boots, shoes, overshoes, etc. 176,969; Dec. 11; Serial No. 179,040; published Sept. 11, 1923.

Hoody Peanut Butter Co. (See Townsend, Glenn Q.)

Hooker Electrochemical Company. Niagara Falls, N. Y. Caustic soda, granulated lye, and chlorinated lime. 172,734; Sept. 11; Serial No. 169,903; published Apr. 24, 1923.

Hooker, Grace B., East Providence, R. I. Candy. 173,214; Sept. 18; Serial No. 174,778; published June 19, 1923.

Hooper, Wm. E., & Sons Co., Woodberry, Md. Canvas mail sacks, coal bags, letter-carrier pouches, coin sacks, etc. 164,014; Feb. 6.

Hooper, Wm. E., & Sons Co., Baltimore, Md. Cotton-duck paper felts, oil-press cloth, cider-press cloth, cotton cloths, etc. 166,061; Mar. 27; Serial No. 168,153; published Dec. 12, 1922.

Hooper, Wm. E., & Sons Co., Woodberry, Baltimore, Md. Cotton rope, sash cord, seine twines, etc. 171,461; Aug. 7; Serial No. 168,151; published May 8, 1923.

Hooper, Wm. E., & Sons Co., Woodberry, Md. Woven belting, hose-valve packing, etc. 172,285; Aug. 28; Serial No. 168,152; published May 29, 1923.

Hoosier Cleanser Mfg. Co. (See Buczkowski, John J.)

Hoosier Rat Meal Mfg. Co. (See Buczkowski, John J.)

Hooton Cocoa Company, Newark, N. J. Cocoa and chocolate. 176,536; Nov. 27; Serial No. 182,587; published Sept. 11, 1923.

Hooven & Allison Company, Xenia, Ohio. Sisal rope. 169,486; June 19; Serial No. 117,596; published Dec. 30, 1919.

Hooven & Allison Company, Xenia, Ohio. New Zealand hemp rope. 169,487; June 19; Serial No. 117,598; published Dec. 30, 1919.

Hooven & Allison Company, The, Xenia, Ohio. Cordage. 170,000; July 10; Serial No. 154,515; published Apr. 3, 1923.

Hooven and Allison Company, The, Xenia, Ohio. Istle rope. 170,599; July 17; Serial No. 117,597; published Dec. 30, 1919.

Hooven Automatic Typewriter Corporation, Hamilton, Ohio. Typewriting-operating machines, perforating machines, etc. 163,900; Feb. 6.

Hooven, Owens, Rentschler Company, The, Hamilton, Ohio. Piston rings. 172,549; Sept. 4; Serial No. 173,356; published June 5, 1923.

Hoover Company, The. (See Hoover Suction Sweeper Company, The.)

Hoover Company, The, North Canton, Ohio. Electric suction sweepers. 172,014; Aug. 21; Serial No. 175,245; published May 8, 1923.

Hoover Company, The, North Canton, Ohio. Electric suction sweepers. 175,867; Nov. 13; Serial No. 175,244; published Aug. 7, 1923.

Hoover, George D., Manufacturing Pharmacist, Inc., Des Moines, Iowa. Medicinal compound. 171,949; Aug. 14.

Hoover Suction Sweeper Co., The, assignor to The Hoover Company, North Canton, Ohio. Electric suction sweepers. 166,332; Mar. 27.

Hoover Suction Sweeper Company, The, assignor to The Hoover Company, North Canton, Ohio. Electric suction sweepers. 165,890; Mar. 20.

Hoover Suction Sweeper Company, The, assignor to The Hoover Company, North Canton, Ohio. Electric suction sweepers. 169,520; June 19; Serial No. 172,594; published Mar. 27, 1923.

Hopke, John E., Brooklyn, N. Y. Massage cream. 169,668; June 26; Serial No. 171,169; published Mar. 27, 1923.

Hopkins, Frank W., Inc., Chicago, Ill. Toy dogs. 164,508; Feb. 20.

Hopkins, J. L., & Co., New York, N. Y. Insecticide. 171,890; Aug. 14; Serial No. 172,381; published May 1, 1923.

Hopkins, Nevil M., New York, N. Y. Dentifrices. 173,221; Sept. 18; Serial No. 174,207; published June 19, 1923.

Hoppe, Emil, Elizabeth, N. J. Carrousels. 175,660; Nov. 6; Serial No. 181,945; published Aug. 21, 1923.

Hopper, Thompson C., Gest, Ky. Preparation for use as a breakfast cereal and in cooked foods. 177,180; Dec. 11; Serial No. 180,863; published Sept. 25, 1923.

Horan, Jeremiah, New York, N. Y. Metal and wooden container for packed powder and foodstuffs. 164,517; Feb. 20.

Horlicks Food Company, assignor to Horlick's Malted Milk Company, Racine, Wis. Malt extract and other food for infants and invalids. 23,791; renewed Nov. 7, 1923.

Horn, A. C., Company, New York, N. Y. Ready-mixed paint for plastered walls, brick or concrete surface, wood and metal trim. 171,165; July 31; Serial No. 176,738; published May 1, 1923.

Horn, Charles W., Slatington, Pa. Liniment for sprains, bruises, and chilblains, cough sirup, liver pellets, corn relief, etc. 163,342; Jan. 9.

Horn & Hardart Baking Co., Philadelphia, Pa. Sandwiches, pies, puddings, ice cream, cakes, etc. 165,289; Mar. 6; Serial No. 152,369; published Nov. 7, 1922.

Horn, W. O., & Brother, Inc., New York, N. Y. Neckties and scarfs for men; negligee, house, and bath robes, house coats, etc. 163,582; Jan. 23.

Horne Manufacturing Co., Jersey City, N. J. Radio receiving sets and parts thereof. 172,403; Aug. 28; Serial No. 164,317; published May 29, 1923.

Horne Manufacturing Company, Jersey City, N. J. Circuit breakers. 164,667; Feb. 27.

Horner, Mary B., doing business as H. & H. Products Company, Atlanta, Ga. Shampoo cream. 173,986; Oct. 2; Serial No. 178,613; published July 17, 1923.

Hornidy, Eugene R., Neosho, Mo. Frozen confections. 164,734; Feb. 27.

Hornsby, Pauline K., Chicago, Ill. Deodorants. 170,108; July 10; Serial No. 157,923; published Apr. 3, 1923.

Hornung, Ernest W., doing business as The Hubbell Manufacturing Co., Cleveland, Ohio. Glass curtain lights and windshields for automobiles. 167,974; May 8.

Hornung, Ernest W., doing business as The Hubbell Manufacturing Co., Cleveland, Ohio. Glass curtain lights and frames for automobiles. 174,445; Oct. 16; Serial No. 169,904; published July 17, 1923.

Hornung, Jacob, Brewing Co., Philadelphia, Pa. Nonintoxicating malt cereal beverage. 164,909; Feb. 27.

Horrocks Desk Company, Herkimer, N. Y., Lubricators for car-axle boxes and journals. 164,983; Feb. 27.

Horrocks-Ibbotson Co., Utica, N. Y. Fishing flies and artificial bait. 171,083; July 31; Serial No. 173,601; published May 15, 1923.

Horrocks-Ibbotson Co., Utica, N. Y. Fishing rods, reels, lines, poles, hooks, etc. 174,991; Oct. 30; Serial No. 173,602; published Aug. 7, 1923.

Horst, Amos L., New York, N. Y. Hosiery. 174,362; Oct. 16; Serial No. 176,547; published July 17, 1923.

Horst, Frederick F., doing business as Northwest Chemical Co., Bellingham, Wash. Washing tablets, washing compounds, windshield cloths, and chemically-treated polishing cloths. 167,799; May 8; Serial No. 163,169; published Jan. 30, 1923.

Horstmann, William, Falls City, Nebr. Skin lotion. 169,110; June 5.

Horstmann, Wm. H., Company, Philadelphia, Pa. Yarn. 170,016; July 10; Serial No. 172,475; published Apr. 3, 1923.

Horstmann, Wm. H., Company, Philadelphia, Pa. Yarn 170,621; July 17; Serial No. 176,999; published Apr. 17, 1923.

Horton, Clara E., Niagara Falls, N. Y. Athletic girdles. 166,139; Mar. 27; Serial No. 166,691; published Jan. 2, 1923.

Horton, George F., doing business as Horton & Horton, Houston, Tex. Stock food. 163,583; Jan. 23.

Horton & Horton. (See Horton, George F.)

Horton, Jesse D., New York, N. Y. Ribbon steamers. 165,317; Mar. 6; Serial No. 167,618; published Nov. 28, 1922.

Horton Manufacturing Co., The, Bristol, Conn. Golf balls. 164,359; Feb. 20.

Horton Studios, Inc., Cleveland, Ohio. Toys and novelties. 168,805; May 29; Serial No. 157,034; published Feb. 20, 1923.

Hortvet, Julius, St. Paul, Minn. Butter-test bottles. 175,252; Oct. 30.

Hosch Brothers Company, Gainesville, Ga. Ginghams, chambrays, cheviots, etc., in the piece. 167,762; May 8; Serial No. 170,194; published Feb. 13, 1923.

Hoskins, Robert H., Chicago, Ill. Preparation for the alleviation of baldness and for restoration and preservation of hair. 164,482; Feb. 20.

Alphabetical list of registrants of trade-marks—Continued.

Hostetter, Theodore, Toledo, Ohio. Composition materials for floors, walls, and decorative purposes. 165,368; Mar. 6; Serial No. 161,727; published Aug. 29, 1922.
Hottel, Frank C., doing business as Vapolyptus Co., Portland, Oreg. Antiseptic oil. 168,646; May 29; Serial No. 165,682; published Feb. 20, 1923.
Houbigant, Inc., New York, N. Y. Talcum and face powder. 164,489; Feb. 20.
Houbigant, Inc., New York, N. Y. Toilet creams. 172,711; Sept. 11; Serial No. 175,493; published May 15, 1923.
Houbigant, Inc., New York, N. Y. Perfume, toilet water, face, talcum, and sachet powders, face cream, etc. 174,038; Oct. 2; Serial No. 177,379; published July 10, 1923.
Houbigant, Inc., New York, N. Y. Perfume, toilet water, face powder, etc. 176,166; Nov. 20; Serial No. 176,025; published Aug. 14, 1923.
House of Byer, The, Malden, Mass. Waists and hosiery. 166,628; Apr. 10; Serial No. 168,611; published Dec. 19, 1922.
House of Byer, The, Malden, Mass. Waists and hosiery. 171,325; Aug. 7; Serial No. 168,614; published May 1, 1923.
House of Kuppenheimer, The. (See Kuppenheimer, B., & Co.)
Household Hosiery Mills, Inc., Chattanooga, Tenn. Hosiery. 169,701; June 26.
Houston Chronicle Publishing Company, The, Houston, Tex. Want-add directory, a daily publication forming a section of a newspaper. 168,890; May 29; Serial No. 169,676; published Feb. 27, 1923.
Houston Mill & Elevator Co., Houston, Tex. Wheat flour. 164,991; Feb. 27.
Houston Publishing Company, New York, N. Y. Monthly periodical. 165,215; Mar. 6; Serial No. 166,183; published Dec. 5, 1922.
Houtain, Elsie D., Brooklyn, N. Y. Magazine published monthly. 173,728; Oct. 2; Serial No. 179,869; published June 26, 1923.
Houze, L. J., Convex Glass Company, Point Marion, Pa. Sheet glass. 174,500; Oct. 16; Serial No. 181,397; published July 24, 1923.
Houze, L. J., Convex Glass Company, Point Marion, Pa. Sheet glass. 174,652; Oct. 23; Serial No. 181,398; published July 31, 1923.
How To Make Money Publishing Co. (See Farley, Vincent J.)
Howard Hose and Garter Mfg. Co., Los Angeles, Calif. Hosiery and garters. 174,013; Oct. 2; Serial No. 175,557; published July 10, 1923.
Howard Stove & Furnace Co., Ralston, Nebr. Heating furnaces. 174,860; Oct. 23; Serial No. 180,603; published July 24, 1923.
Howdy Bottling Works. (See Goodale, Robert W.)
Howdy Company, The, St. Louis, Mo. Grape-flavored concentrate. 173,294; Sept. 18; Serial No. 180,183; published June 19, 1923.
Howell Laboratories, Ltd. (See Harris Howell M.)
Howell, Willis T., Rockford, Ill. Core oil. 166,014; Mar. 20; Serial No. 162,927; published Dec. 19, 1922.
Hower, Frank B., doing business as Enterprise Oil Co., Buffalo, N. Y. Lubricating oils and greases. 163,090; Jan. 2.
Howland, Louis A., Hollywood, Calif. Photographic reproductions of pictures. 172,199; Aug. 21.
Howse, Mead & Sons, Lt., London, England. Serges in the piece. 173,010; Sept. 11; Serial No. 178,722; published June 5, 1923.
Hoy, F. P., Inc., New York, N. Y. Corsets. 172,279; Aug. 28; Serial No. 169,972; published May 29, 1923.
Hoy, F. P., Inc., New York, N. Y. Corsets. 176,869; Dec. 4; Serial No. 182,307; published Sept. 25, 1923.
Hoye, Daniel J., Detroit, Mich. Insulating separator for electrical conductors. 177,782; Dec. 25; Serial No. 183,653; published Oct. 9, 1923.
Hoyler Baking Company, Escanaba, Mich. Ice cream. 163,506; Jan. 16.
Hoyme, Christopher R., New York, N. Y. Bath robe which may be used also as a towel. 168,559–60; May 29; Serial Nos. 166,505–6; published Feb. 13, 1923.
Hoyt Apothecaries Co. (See Donahue, Henry M.)
Hoyt, Howard H., Candy Co., Chicago, Ill. Candy. 166,500; Apr. 3; Serial No. 162,738; published Jan. 16, 1923.
Hrejsa, Joseph F., Chicago, Ill. Laxative preparations. 174,326; Oct. 16; Serial No. 177,972; published July 17, 1923.
Hub Hosiery Mills, Boston, Mass. Infants' hose. 164,823; Feb. 27.
Hub Hosiery Mills, Boston, Mass. Infants' hose. 174,612; Oct. 23; Serial No. 179,730; published July 24, 1923.
Hub Metal Bed Co., Chicago, Ill. Metal beds. 164,016; Feb. 6.
Hubbell Manufacturing Co. (See Hornung, Ernest W.)
Hubbell Manufacturing Co., The. (See Hornung, Ernest W.)
Hubbs, Charles F., & Co., New York, N. Y. Paper drinking cups. 165,835; Mar. 20; Serial No. 171,170; published Dec. 26, 1922.
Hubbs, Charles F., & Company, New York, N. Y. Tissue paper. 165,626; Mar. 13.
Hubbs & Corning Company, Baltimore, Md. Paper bags. 168,726; May 29; Serial No. 171,845; published Feb. 27, 1923.
Huber, Joseph M., New York, N. Y. Printing inks. 165,343; Mar. 6; Serial No. 163,980; published Nov. 14, 1922.
Huber, Rudolfo, Nashville, Tenn. Automobile lock. 173,250; Sept. 18; Serial No. 160,287; published June 19, 1923.
Huber, Rudolfo, Nashville, Tenn. Pocket calculating machines. 175,309; Nov. 6; Serial No. 160,288; published Aug. 21, 1923.
Hubig, Simon, Company, Dallas, Tex. Pies. 165,633–4; Mar. 13.
Hubig, Simon, Company, Dallas, Tex. Cakes and pies. 165,635; Mar. 13.
Hubig, Simon, Company, Dallas, Tex. Pies. 165,636–7; Mar. 13.
Hubig, Simon, Company, Dallas, Tex. Cakes and pies. 165,638; Mar. 13.
Hubig, Simon, Company, Dallas, Tex. Pies. 165,639; Mar. 13.
Hubig, Simon, Company, Dallas, Tex. Pies. 165,657–9; Mar. 13.
Hubig, Simon, Company, Dallas, Tex. Pies. 166,297; Mar. 27.
Huck, George W., doing business as Home Bakery, Crystal City, Mo. Bread. 167,460; May 1; Serial No. 167,392; published Jan. 9, 1923.
Hudnall, Frank P., Manchester, Ohio. Toilet packages for containing tooth brush, paste, and powder. 170,063; July 10; Serial No. 172,045; published Apr. 3, 1923.
Hudnut, Richard, New York, N. Y. Cleansing and vanishing creams, face powders, etc. 168,234; May 15; Serial No. 171,171; published Feb. 13, 1923.
Hudnut, Richard, New York, N. Y. Compact powders and rouge. 169,753–4; July 3; Serial No. 171,461–2; published Mar. 27, 1923.
Hudnut, Richard, New York, N. Y. Rouge. 171,911; Aug. 14.
Hudson Bay Fur Company. (See Kosofsky, Aaron.)
Hudson Cloak & Suit Store, Paterson, N. J.; Bridgeport, New Haven, and Hartford, Conn.; Boston, Mass.; Rochester, N. Y.; and Washington, D. C. Ladies' suits, coats, gowns, etc. 174,309; Oct. 9.
Hudson, J. L., Co., The, Detroit, Mich. Men's and young men's outer clothing—viz, suits. 173,979; Oct. 2; Serial No. 171,846; published July 17, 1923.
Hudson, J. L., Co., The, Detroit, Mich. Ladies' and misses' dresses. 175,551; Nov. 6; Serial No. 180,121; published Aug. 28, 1923.
Hudson, J. L., Company, The, Detroit, Mich. Shoes made of leather fabric, and combinations thereof. 173,637; Oct. 2; Serial No. 167,917; published June 12, 1923.
Hudson Manufacturing Company, Chicago, Ill. Flavoring extracts for food. 177,703; Dec. 25; Serial No. 165,493; published July 3, 1923.
Hudson Motor Specialties Company, Philadelphia and Frankford, Pa. Transmission or crank casing parts. 174,104; Oct. 2; Serial No. 158,677; published July 3, 1923.
Huessy & Co., Ltd., Safenwil, Switzerland. Cotton piece goods and handkerchiefs. 171,433; Aug. 7; Serial No. 163,982; published May 8, 1923.
Huey & Mathews, Inc., Pittsburgh, Pa. Coffee, tea, bread, pastry flour, marshmallow crème, and salad dressing. 172,608; Sept. 11; Serial No. 170,019; published June 5, 1923.
Huff, Barnes & Opie, Inc. Pittsburgh, Pa. Wrapping paper. 172,661; Sept. 11; Serial No. 174,520; published June 5, 1923.
Huff, John S., doing business as The Kleans-It Manufacturing Co., New Brighton, Pa. Chemical preparation for cleaning closet bowls. 176,284; Nov. 20; Serial No. 178,846; published Aug. 14, 1923.
Huffman, William G., jr., Greenville, Tex. Laxative. 175,497; Nov. 6; Serial No. 177,741; published Aug. 14, 1923.
Hugg-Me Company, New York, N. Y. Face powder. 172,569; Sept. 11; Serial No. 170,453; published Apr. 17, 1923.
Hughbanks, Edgar A., doing business as The Radiol Company, Milwaukee, Wis. Hair tonics. 167,375; May 1; Serial No. 167,876; published Dec. 26, 1922.
Hughes & Bradley Co., Philadelphia, Pa. Woven silk undergarments. 177,565; Dec. 18; Serial No. 175,450; published Oct. 2, 1923.
Hughes, Clement L., doing business as Wiseo Co., Canton and Peoria, Ill. Medicine for the treatment of leucorrhea, ulcerations of the womb, etc. 175,487; Nov. 6; Serial No. 178,041; published Aug. 28, 1923.
Hughes, Henry L., Co., Inc., New York, N. Y. Nail polish. 170,755; July 24; Serial No. 173,497; published Apr. 24, 1923.
Hughes, Herbert E., Cincinnati, Ohio. Collection of motto cards. 174,605; Oct. 23; Serial No. 177,127; published June 12, 1923.
Hughes, Raleigh J., Greensboro, N. C. Building plans and designs. 177,353; Dec. 18; Serial No. 181,992; published Oct. 2, 1923.
Hughes, W. R., Co., Inc., The, New York, N. Y. Bathroom accessories. 164,280; Feb. 20.

Hughes, William S., doing business as The Pre Ven Shun Laboratories, Kansas City, Mo. Prophylactic ointment. 168,845; May 29; Serial No. 170,885; published Feb. 13, 1923.

Hugo, John, Manufacturing Company, The, New Haven, Conn. Toy banks. 167,114; Apr. 24; Serial No. 163,519; published Jan. 30, 1923.

Hulburt, H. L., doing business as California Jely-Juce Company, San Jose and Santa Clara, Calif. Fruit or berry juice to make jelly. 172,870; Sept. 11; Serial No. 173,648; published June 5, 1923.

Hulburt, H. L., doing business as Jely-Rite Fruit Company, San Jose, Calif. Concentrated fruit pectin, fruit preserves, jelly, jams, etc., containing added pectin. 173,184; Sept. 18; Serial No. 169,249; published June 26, 1923.

Hulman & Co., Terre Haute, Ind. Spices, bay leaves, cassia, cinnamon, etc. 176,722; Nov. 27; Serial No. 170,919; published Aug. 7, 1923.

Hulscher, William T., doing business as The Purity Stamping Company, Battle Creek, Mich. Milk strainers. 163,658; Jan. 23.

Hulse, Abram C., jr., New York, N. Y. Hosiery. 172,874; Sept. 11; Serial No. 174,080; published June 5, 1923.

Human Hand Cake Beater Co. (See Swope, John A., jr.)

Humason Manufacturing Company, The, Bristol, Conn. Garters and sleeve bands. 164,798; Feb. 27.

Humber Limited, Coventry, England. Cycles. 167,729; May 8; Serial No. 154,512; published Jan. 30, 1923.

Humber Limited, Coventry, England. Bicycles, tricycles, motor cycles, motor trucks, passenger automobiles. 170,590; July 17; Serial No. 154,513; published Apr. 24, 1923.

Humberstone, C. C., doing business as Monarch Packing & Supply Co., Chicago, Ill. Compressed asbestos-fiber sheet packing. 174,696; Oct. 23; Serial No. 180,122; published July 31, 1923.

Humble Oil & Refining Company, Houston, Tex. Cylinder oil, locomotive cylinder oil, marine cylinder oil, etc. 165,844; Mar. 20; Serial No. 169,593; published Jan. 2, 1923.

Humble Oil & Refining Company, Houston, Tex. Cylinder oil, locomotive cylinder oil, marine cylinder oil, etc. 166,460; Apr. 3; Serial No. 169,594; published Jan. 9, 1923.

Hume, John S., doing business as Del Norte Commercial Co., Seattle, Wash. Canned fish, fruits, and vegetables. 176,977; Dec. 11; Serial No. 179,941; published Sept. 25, 1923.

Humil Corporation, The, New York, N. Y. Electric heating apparatus for heating rivets, slugs, etc. 176,067; Nov. 13; Serial No. 181,190; published Aug. 21, 1923.

Hummel & Downing Co., Milwaukee, Wis. Fiber and corrugated shipping cases. 163,659–60; Jan. 23.

Humphrey Elevator Co., Faribault, Minn. Elevators. 176,674; Nov. 27; Serial No. 182,815; published Sept. 25, 1923.

Hungarian Rubber Goods Factory Limited, Budapest, Hungary. Tires for cycles, motor cars, and other vehicles. 171,419; Aug. 7; Serial No. 172,332; published May 1, 1923.

Hungerford, U. T., Brass & Copper Co., New York, N. Y. Metallic screening. 163,847; Jan. 30.

Hungerford, U. T., Brass & Copper Co., New York, N. Y. Babbitt metal. 171,791; Aug. 14; Serial No. 178,390; published May 15, 1923.

Hunsaker, Ernest D., doing business as Great Western Food Co., Denver, Colo. Food laxative, primarily a food product having laxative qualities. 165,149; Mar. 6; Serial No. 145,688; published Nov. 7, 1922.

Hunstock, R. H., Chemical Co., St. Louis, Mo. Medicinal preparation used for the relief of headache, neuralgia, etc. 164,475; Feb. 20.

Hunt, Albert L., Peoria, Ill. Vehicle tires, inner tubes, tire covers, etc. 168,790; May 29; Serial No. 131,214; published June 20, 1922.

Hunt, C. Howard, Pen Company, Camden, N. J. Pens. 171,154; July 31; Serial No. 176,128; published May 1, 1923.

Hunt, C. W., Co., assignor to C. W. Hunt Company, Inc., New York, N. Y. Rails, switches, metal cars, wheels, and trucks. 22,959; renewed May 2, 1923.

Hunt, Chester L., Orange, Mass. Candy. 169,943; July 3.

Hunt, Hatch & Company, doing business as Hermosa Orange Grove Co., Oakland, Calif. Fresh citrus fruits—viz, oranges, grapefruit, and lemons. 166,258; Mar. 27; Serial No. 164,911; published Dec. 19, 1922.

Hunt-Lasher Company, Inc., Lynn, Mass. Alcohol torches. 169,919; July 3.

Hunt-Rankin Leather Co., Boston, Mass. Leathers. 172,405; Aug. 28; Serial No. 174,450; published May 29, 1923.

Hunt, William B., M. D., New York, N. Y. Oxygenated tablet used in the treatment of pulmonary diseases. 167,494; May 1; Serial No. 166,230; published Jan. 16, 1923.

Hunter, H. B., Co. Inc., Norfolk, Va. Specially-prepared food preparations of chocolate, sugar, and water and cocoa, sugar, and water. 168,569; May 29; Serial No. 166,885; published Feb. 20, 1923.

Hunter, H. Blount, doing business as The Chocolishus Company, Norfolk, Va. Food preparations of chocolate, milk, and sugar, etc. 169,227; June 12; Serial No. 165,444; published Mar. 20, 1923.

Hunter, Henry L., & Co., Dorchester, Mass. Polish for painted and varnished surfaces. 166,373; Apr. 3; Serial No. 169,974; published Dec. 19, 1922.

Hunter Manufacturing & Commission Co., New York, N. Y. Cotton piece goods. 170,789; July 24; Serial No. 175,314; published Apr. 24, 1923.

Hunter Mfg. & Commission Co., New York, N. Y. Cotton piece goods. 171,617; Aug. 7; Serial No. 177,782; published May 15, 1923.

Hunter, R. William, doing business as National Chemical Company, Detroit, Mich. Cold cream, vanishing cream, bleaching cream, hair grower, and corn remedy. 170,080; July 10; Serial No. 167,520; published Mar. 20, 1923.

Hunter, W. N., and Co., Hot Springs, S. Dak. Ointment for treating eczema, salt rheum, etc. 173,100; Sept. 18; Serial No. 177,128; published June 12, 1923.

Huntingdon Rubber Mills, Portland, Oreg. Buttons not of precious metal. 167,536; May 1; Serial No. 171,920; published Jan. 30, 1923.

Huntington Chemical Company, Huntington, Ind. Disinfectant and air purifier. 166,266; Mar. 27; Serial No. 166,827; published Dec. 5, 1922.

Hupfel, Adolph G., jr., New York, N. Y. Mushroom paste. 171,577; Aug. 7; Serial No. 172,382; published May 22, 1923.

Hupp Products Company, The, Columbus, Ohio. Rubber-composition floor covering. 170,046; July 10; Serial No. 175,196; published Apr. 10, 1923.

Hurd, George B., & Co., New York, N. Y. Writing paper and envelopes. 23,708; renewed Oct. 17, 1923.

Hurewich, Bertha, Philadelphia, Pa. Dry shampoo preparation. 165,524; Mar. 13; Serial No. 164,436; published Dec. 26, 1922.

Hurley Shoe Co., Rockland, Mass. Shoes. 170,940; July 24; Serial No. 168,844; published Apr. 24, 1923.

Hurlock Bros. Company, Inc., Philadelphia, Pa. Paper illustration stock. 166,997–8; Apr. 17.

Hursh, Wm. T., & Conn, Mansfield, Ohio. Vegetable compound and system blood purifier. 173,903; Oct. 2; Serial No. 176,185; published July 10, 1923.

Hurst, Adolphe, & Company, Inc., New York, N. Y. Shellac, shellac gums, varnishes, etc. 169,526; June 19; Serial No. 161,777; published Mar. 20, 1923.

Hurst, John E., & Co. Incorporated, Baltimore, Md. Hosiery, knitted underwear, gloves, mittens, gauntlets. 172,209; Aug. 28; Serial No. 173,327; published May 29, 1923.

Hurty-Peck & Co., Indianapolis, Ind. Beverage, sold as a soft drink and sirups for making the same. 170,369; July 17; Serial No. 174,011; published Apr. 10, 1923.

Hurty-Peck & Company, Indianapolis, Ind. Beverage sold as a soft drink and sirups for making same. 177,132; Dec. 11; Serial No. 145,896; published Aug. 15, 1922.

Hurwitz, Mitchell A., Jamaica, N. Y. Extract of malt for food purposes. 169,345; June 12; Serial No. 170,777; published Mar. 27, 1923.

Husar, Frank Z., doing business as Illinois Surgical Appliance Company, Chicago, Ill. Trusses, abdominal supporters, elastic stockings, etc. 164,897; Feb. 27.

Hush-A-Phone Corporation, New York, N. Y. Telephone muffler. 165,251; Mar. 6; Serial No. 168,768; published Nov. 7, 1922.

Huss, Anna, Menlo Park, Calif. Cheese. 170,850; July 24; Serial No. 163,873; published Mar. 20, 1923.

Hussey, John M., doing business as Mo-Ka Company, Wichita, Kans. Beverage sold as a soft drink. 165,696; Mar. 20; Serial No. 169,905; published Jan. 2, 1923.

Hussmann, Harry L., Refrigerator & Supply Co., St. Louis, Mo. Show-case refrigerators. 164,214; Feb. 13.

Hussmann, Harry L., Refrigerator & Supply Co., St. Louis, Mo. Show-case refrigerators. 166,379; Apr. 3; Serial No. 169,760; published Nov. 7, 1922.

Huston, T. A., & Co., Portland, Me. Bakery products, specifically cookies and confectionery. 172,470; Aug. 28; Serial No. 171,696; published May 8, 1923.

Hutcheon Brothers, New York, N. Y. Pens and pencils. 166,978; Apr. 17.

Hutchings Medicine Co. (See West, Ernest G.)

Hutchins Car Roofing Company, Detroit, Mich. Railroad-car roof. 173,092; Sept. 18; Serial No. 177,669; published June 12, 1923.

Hutchinson Manufacturing Co., Inc., Norristown, Pa. Combination woodworking machines. 169,856; July 3; Serial No. 172,094; published Apr. 10, 1923.

Hutchison, Orson R., Arlington, Iowa. White Wyandotte chickens and eggs for hatching purposes. 167,557. May 1; Serial No. 165,443; published Dec. 12, 1922.

Hutchison Radio Company, New York, N. Y. Apparatus for use in radiosignaling—viz, detectors. 165,210; Mar. 6; Serial No. 167,130; published Dec. 5, 1922.

Hutchison Thrift Corporation, New York, N. Y. Canned cherries. 171,451; Aug. 7; Serial No. 169,059; published May 8, 1923.

Hutmacher Brading Company, The, Paterson, N. J. Shoe and corset laces. 170,585; July 17; Serial No. 156,789; published Apr. 24, 1923.

Hutt & Wasserman, Inc., New York, N. Y. Men's hats. 170,726; July 24; Serial No. 172,837; published Apr. 24, 1923.
Hutt & Wasserman, Inc., New York, N. Y. Men's hats. 176,266; Nov. 20; Serial No. 176,418; published June 12, 1923.
Hutton, Asbury B., Philipsburg, Pa. Grease compound for lubricating purposes. 174,240; Oct. 9; Serial No. 180,009; published July 10, 1923.
Hutzler Brothers Co., Baltimore, Md. Shoes. 176,025; Nov. 13; Serial No. 177,848; published Aug. 28, 1923.
Huyler's, New York, N. Y. Candy, cocoa, chocolate, etc. 169,758; July 3; Serial No. 135,754; published Mar. 27, 1923.
Huyler's, New York, N. Y. Candy. 173,971; Oct. 2; Serial No. 171,172; published July 17, 1923.
Huyler's, New York, N. Y. Candy. 175,504; Nov. 6; Serial No. 175,657. published June 26, 1923.
Hyatt, Delia, executrix. (See Hyatt, Henry O.)
Hyatt, Henry O., deceased; D. Hyatt, executrix, Kinston, N. C. Remedy for indigestion. 23,398; renewed July 25, 1923.
Hyatt, Thaddeus P., New York, N. Y. Toothbrushes. 175,379; Nov. 6; Serial No. 169,400; published Aug. 28, 1923.
Hyde, Geo. E., & Co. Inc., Campbell, Calif. Canned fruits. 170,943; July 24; Serial No. 168,413; published Apr. 24, 1923.
Hydraulic Steel Company, The, Cleveland, Ohio. Automobile wheels, rims, and clamps. 165,116; Mar. 6; Serial No. 133,148; published Oct. 10, 1922.
Hydro Governor Co., The, Sandy Hook, Conn. Engine governors. 175,821; Nov. 13; Serial No. 161,882; published Aug. 28, 1923.
Hydro Manufacturing Company, Little Rock, Ark. Chemical for recharging batteries. 169,708; June 26.
Hydrox Chemical Co. of Illinois, Chicago, Ill. Nail polish. 165,504; Mar. 13; Serial No. 166,071; published Nov. 7, 1922.
Hydrox Corporation, Wilmington, Del. Ice cream. 174,526; Oct. 16; Serial No. 177,783; published July 24, 1923.
Hygeia Glass Corporation, Buffalo, N. Y. Writing ink. 166,592; Apr. 10; Serial No. 165,996; published Dec. 26, 1922.
Hygeia Nursing Bottle Co. Inc., The, Buffalo, N. Y. Healing ointment. 167,346; May 1; Serial No. 160,808; published Jan. 23, 1923.
Hy-Gen-Ol Laboratory, Spring Valley, N. Y. Furniture and automobile polish. 163,748; Jan. 23.
Hygienic Coffee Company. (See Gund, George.)
Hygienic Fibre Company, Versailles, Conn., and New York, N. Y. Absorbent cotton and gauze, absorbent waste, bandage rolls, etc. 171,215; July 31; Serial No. 177,784; published May 15, 1923.
Hygienic Laboratories, Chicago, Ill. Shampoo. 170,362; July 17; Serial No. 173,931; published Apr. 10, 1923.
Hygienic Laboratories, Chicago, Ill. Hair tonics. 170,363; July 17; Serial No. 173,932; published Apr. 10, 1923.
Hygienic Products Company, The, Canton, Ohio. Cleaning powder for water-closet bowls. 169,498; June 19; Serial No. 155,436; published Feb. 28, 1922.
Hygrade Engineering Co., Inc., Newark, N. J. Electric-lighting lamps or bulbs. 164,953; Feb. 27.
Hygrade Provision Co. Inc., Brooklyn, N. Y. Meat products. 170,210; July 10; Serial No. 138,568; published Apr. 10, 1923.
Hyland, George H., doing business as Standard Homeopathic Company, Los Angeles, Calif. Remedy for cold in head, grippe, influenza, etc. 172,576; Sept. 11; Serial No. 172,595; published May 29, 1923.
Hyman, Henry, & Co. Inc., New York, N. Y. Variometers, variocouplers, variable condensers, amplifying transformers, etc. 165,066; Mar. 6; Serial No. 165,194; published Mar. 6.
Hyman, Henry, & Co. Inc., New York, N. Y. Dials for electrical instruments and appliances. 167,254; Apr. 24; Serial No. 169,855; published Feb. 6, 1923.
Hyman, L., & Sons, New York, N. Y. Paper. 168,244; May 15; Serial No. 167,127; published Feb. 13, 1923.
Hyman & Oppenheim, New York, N. Y. Hair goods. 167,894; May 8; Serial No. 167,301; published Feb. 13, 1923.
Hyman & Oppenheim, New York, N. Y. Raw hair and prepared hair stock. 167,924; May 8; Serial No. 170,293; published Feb. 20, 1923.
Hyman & Oppenheim, New York, N. Y. Hair goods—namely, transformations and pompadours. 168,934–5; May 29; Serial Nos. 173,286–7; published Mar. 13, 1923.
Hyman Pickle Co., The, Louisville, Ky. Pickles, catchup, sauerkraut, etc. 174,149; Oct. 2.
Hymer, Ralph N., doing business as Hymer's Hair Tonic Co., Salem, Oreg. Medicines for treatment of dandruff and eczema. 175,626; Nov. 6; Serial No. 180,701; published Aug. 21, 1923.
I. C. Refrigeration Co., New York, N. Y. Refrigeration cabinets. 174,233; Oct. 9; Serial No. 180,477; published July 17, 1923.
I. C. Refrigeration Co., New York, N. Y. Automobile and refrigeration trucks and refrigeration railroad cars. 175,136; Oct. 30; Serial No. 180,476; published Aug. 14, 1923.
I-EZ Co., Brooklyn, N. Y. Eyewash. 169,644; June 26; Serial No. 170,433; published Mar. 20, 1923.
I-sis Laboratories, Inc., New York, N. Y. Cleaning and polishing preparation for automobiles, furniture, etc. 166,519; Apr. 3; Serial No. 172,163; published Jan. 9, 1923.
I. & Y. Cigar Company. (See Yereshefsky, Isidore.)
Ice Poles, Inc., Boston, Mass. Iced confections. 177,515; Dec. 18; Serial No. 164,760; published Oct. 2, 1923.
Icy-Hot Bottle Company, The, Cincinnati, Ohio. Bottles and jars insulated for resisting change of temperature of contents and casings for heat-insulated fillers. 163,343; Jan. 9.
Icy Hunni Co., Milwaukee, Wis. Ice cream or other frozen dainties. 173,226; Sept. 18; Serial No. 173,706; published June 26, 1923.
Ida Starter Limited, London, England. Compressed-air self-starters for internal-combustion engines. 171,846; Aug. 14; Serial No. 171,128; published May 1, 1923.
Idaho Evaporating Co., Meridian, Idaho. Fresh deciduous fruits and fresh vegetables. 171,369; Aug. 7; Serial No. 169,761; published May 1, 1923.
Idaho Producers' Union, Caldwell, Idaho. Fresh vegetables, citrous fruits, grapes, and melons. 172,020; Aug. 21; Serial No. 170,685; published May 29, 1923.
Ide, Geo. P., & Co., Inc., Troy, N. Y. Collars for shirts. 173,919; Oct. 2; Serial No. 174,012; published July 10, 1923.
Ideal Caramel Company, Inc., Johnson, N. Y. Candies, candy confections, sweetmeats, and chewing gum. 176,704; Nov. 27; Serial No. 177,227; published Sept. 4, 1923.
Ideal Caramel Company, Inc., Johnson City, N. Y. Candies, candy confections, sweetmeats, chewing gum. 177,214; Dec. 11; Serial No. 177,225; published Aug. 28, 1923.
Ideal Caramel Company, Inc. Johnson City, N. Y. Candies, candy confections, sweetmeats, and chewing gum. 177,763; Dec. 25; Serial No. 177,226; published Aug. 28, 1923.
Ideal Clamp Mfg. Co. Inc., Brooklyn, N. Y. Hose clamps and parts thereof. 167,247; Apr. 24; Serial No. 171,322; published Jan. 30, 1923.
Ideal Coated Paper Company, Brookfield, Mass. Gummed paper and cloth. 168,672; May 29; Serial No. 149,704; published Mar. 6, 1923.
Ideal Coated Paper Company, assignor to McLaurin-Jones Co., Brookfield, Mass. Gummed paper. 175,442; Nov. 6; Serial No. 130,477; published June 19, 1923.
Ideal Cocoa & Chocolate Co., Lititz, Pa., and New York, N. Y. Chocolate coating. 171,539; Aug. 7; Serial No. 174,780; published May 8, 1923.
Ideal Cocoa & Chocolate Co., Lititz, Pa., and New York, N. Y. Chocolate coating. 171,540; Aug. 7; Serial No. 174,740; published May 8, 1923.
Ideal Cocoa & Chocolate Co., Lititz, Pa., and New York, N. Y. Chocolate. 171,593; Aug. 7; Serial No. 176,129; published May 22, 1923.
Ideal Cocoa & Chocolate Co., Lititz, Pa., and New York, N. Y. Chocolate coating. 172,408; Aug. 28; Serial No. 174,741; published May 29, 1923.
Ideal Cocoa & Chocolate Co., Lititz, Pa., and New York, N. Y. Chocolate coating. 172,409; Aug. 28; Serial No. 174,781; published May 29, 1923.
Ideal Cocoa & Chocolate Co., Lititz, Pa., and New York, N. Y. Chocolate coating. 172,419; Aug. 28; Serial No. 174,782; published May 29, 1923.
Ideal Novelty & Toy Co., Brooklyn, N. Y. Dolls. 176,133; Nov. 20; Serial No. 183,524; published Sept. 11, 1923.
Ideal Roller & Manufacturing Co. Inc., Chicago, Ill. Rollers for printing presses, lithographic presses, etc. 170,010; July 10; Serial No. 172,678; published Apr. 3, 1923.
Ideal Tablet Company, The. (See Van Dusen, Fred L.)
Ideal Tire and Rubber Company, The, Cleveland, Ohio. Vehicle tires of rubber and rubber and fabric inner tubes, tire casings and shoes, etc. 168,179; May 15; Serial No. 169,401; published Jan. 30, 1923.
Ideal Tire and Rubber Company, The, Cleveland, Ohio. Vehicle tires, inner tubes, etc. 169,302; June 12; Serial No. 167,817; published Mar. 27, 1923.
Ideal Tire and Rubber Company, The, Cleveland, Ohio. Vehicle tires, inner tubes, tire casings and shoes, and repair parts. 170,588; July 17; Serial No. 155,968; published Apr. 17, 1923.
Ideal Tire and Rubber Company, The, Cleveland, Ohio. Vehicle tires, inner tubes, tire casings and shoes, and repair parts. 175,911; Nov. 13; Serial No. 155,967; published Feb. 21, 1922.
Idolite Hosiery Mills, Inc., New York, N. Y. Hosiery. 171,843; Aug. 14; Serial No. 171,218; published May 15, 1923.
Igoe, James T., Chicago, Ill. Occasional publication. 172,116; Aug. 21; Serial No. 175,721; published May 22, 1923.
Illinois American Plow Company. (See Moline Plow Company.)
Illinois Canning Co., assignor to The Illinois Canning Co., Hoopeston, Ill. Canned corn. 23,463; renewed Aug. 8, 1923.
Illinois Canning Co., Hoopeston, Ill., assignor to The Illinois Canning Co. Canned corn. 23,464; renewed Aug. 8, 1923.

Illinois Canning Co., Hoopeston, Ill., assignor to The Illinois Canning Co. Canned vegetables. 23,465; renewed Aug. 8, 1923.
Illinois Canning Co., Hoopeston, Ill., assignor to The Illinois Canning Co. Canned corn. 23,481; renewed Aug. 15, 1923.
Illinois Canning Company, The, Hoopeston, Ill. Canned vegetables. 177,162; Dec. 11; Serial No. 181,894; published Sept. 25, 1923.
Illinois Canning Company, The, Hoopeston, Ill. Canned corn. 177,163; Dec. 11; Serial No. 181,895; published Sept. 25. 1923.
Illinois Electric Porcelain Company, Macomb, Ill. Insulators and knobs. 172,397; Aug. 28; Serial No. 167,354; published May 29, 1923.
Illinois Fruit Exchange, Centralia, Ill. Fresh fruits and vegetables. 170,581; July 17; Serial No. 167,641; published Apr. 24, 1923.
Illinois Meat Company, Chicago, Ill. Meats, hams, bacon, lard, etc. 176,621; Nov. 27; Serial No. 174,306; published Sept. 18, 1923.
Illinois Medicine Co., Chicago, Ill. Cathartic medical compound. 172,391; Aug. 28; Serial No. 168,313; published May 1, 1923.
Illinois Razor Strop Company, Chicago, Ill. Razor strops. 163,790; Jan. 30.
Illinois Seed Corn Testing Laboratory. (See Tiemann Otto P.)
Illinois Surgical Appliance Company. (See Husar, Frank Z.)
Illinois Watch Case Company, Elgin, Ill. Composition watchcases. 22,418; renewed Feb. 7, 1923.
Illinois Watch Case Company, Elgin, Ill. Cases fo watches. 23,893; renewed Dec. 5, 1923.
Illinois Women's Athletic Club, Chicago, Ill. Monthly periodical. 169,056; June 5; Serial No. 171,321; published Feb. 27, 1923.
Imlach, John S., Ottawa, Canada. Precision tools. 177,629; Dec. 25; Serial No. 182,053; published Oct. 2, 1923.
Imperial Distributing Co., Los Angeles, Calif. Cantaloupes, fresh fruits and vegetables. 177,018; Dec. 11; Serial No. 164,916; published Sept. 25, 1923.
Imperial Flour Mills Company, The, Wichita, Kans. Wheat flour. 166,135; Mar. 27; Serial No. 144,396; published Nov. 7, 1922.
Imperial Hygienic Co., Suffern, N. Y. Cosmetic for the cheeks and lips. 165,879; Mar. 20.
Imperial Hygienic Co., Suffern, N. Y. Tonic for the skin. 169,608; June 26; Serial No. 172,476; published Feb. 27, 1923.
Imperial Peanut & Coffee Company. (See George, Robert J.)
Imperial Pharmaceutical Company. (See Dryfuss, Barney J.)
Imperial Tobacco Company of Canada. (See Ritchie D., & Co., assignor.)
Imperial Tobacco Company of Canada, Limited. (See Ritchie, D. & Co., assignor.)
Imperial Trust for the Encouragement of Scientific and Industrial Research, The, London, England. Thermometers, pyrometers, compasses, etc. 176,635; Nov. 27; Serial No. 163,983; published Sept. 18, 1923.
Imperial Trust for the Encouragement of Scientific and Industrial Research, The, London, England. Thermometers, pyrometers, compasses, etc. 176,639; Nov. 27; Serial No. 163,984; published Sept. 18, 1923.
Implement Age Company, The, Springfield, Ohio. Monthly publication devoted to the farm-equipment industry. 172,073; Aug. 21; Serial No. 177,000; published May 22, 1923.
Import Drug Specialties Co., The, Cleveland, Ohio. Candy. 175,601. Nov. 6; Serial No. 178,847; published Aug. 14, 1923.
Improved Equipment Company, New York, N. Y. Apparatus used in the manufacture of gas from coal. 169,710; June 26.
Inabine Company, The, Corsicana, Tex. Liquid preparation for the treatment of kidney, bladder, and rheumatism troubles. 177,724; Dec. 25; Serial No. 177,001; published Oct. 9, 1923.
Independent Baking Company, Davenport, Iowa. Sweet cake. 165,961; Mar. 27; Serial No. 156,389; published Oct. 24, 1922.
Independent Breweries Company, The, also doing business as Independent Products Company, St. Louis, Mo. Malt sirup for food purposes. 175,482; Nov. 6; Serial No. 178,849; published Aug. 21, 1923.
Independent Drug Company, Jacksonville, Fla. Water bottles, fountain syringes, etc. 174,420; Oct. 16; Serial No. 181,279; published July 17, 1923.
Independent Drug Company, Jacksonville, Fla. Medicinal preparations. 177,175; Dec. 11; Serial No. 180,865; published Sept. 11, 1923.
Independent Paper Mills, Inc., Brooklyn, N. Y. Dispensing devices for paper towels, napkins, etc. 170,329; July 10; Serial No. 176,186; published Apr. 3, 1923.
Independent Paper Mills, Inc., Brooklyn, N. Y. Paper towels, and napkins. 172,553; Sept. 4; Serial No. 174,141; published Apr. 3, 1923.
Independent Products Co., New York, N, Y. Barley Malt. 163,344; Jan. 9.
Independent Salt Co., New York, N. Y. Salt. 167,318; Apr. 24.
Independent School District of Newton, Newton, Iowa. High-school newspaper and annual. 171,874; Aug. 14; Serial No. 173,833; published May 8, 1923.
Independent Wall Paper Company, The, Pittsburgh, Pa. Wall papers. 163,936; Feb. 6.
Inderrieden Canning Co., Chicago, Ill. Canned vegetables. 168,104; May 15; Serial No. 164,917; published Feb. 13, 1923.
Index-Ray Mount Co. (See Kulik, Irving.)
Index Visible, Inc., New Haven, Conn. Card indexes, index cards, index-card cases, etc. 171,963; Aug. 14.
Index Visible, Inc., New Haven, Conn. Card indexes, index cards, cases, cabinets, etc. 174,783; Oct. 23; Serial No. 148,279; published July 24, 1923.
India Tire and Rubber Company, The, Akron and Mogadore, Ohio. Pneumatic vehicle tires and inner tubes. 169,141; June 12; Serial No. 155,757; published Mar. 13, 1923.
Indian Products Company, Mansfield, Mass. Cough drops. 164,687; Feb. 27.
Indian Queen Silk Co., Bangor, Pa. Hosiery. 166,730; Apr. 10; Serial No. 169,303; published Jan. 9, 1923.
Indian Refining Company Inc., New York, N. Y. Lubricating oils, greases, compounds, etc. 170,460; July 17; Serial No. 172,596; published Apr. 10, 1923.
Indian Star Chemical Co., Jericho, Ark. Face powder, hair straightener, liniment, etc. 174,939; Oct. 30; Serial No. 175,356; published July 24, 1923.
Indian Village Bakery, Detroit, Mich. Bread. 177,270; Dec. 11; Serial No. 156,579; published Sept. 25. 1923.
Indiana Indestructible Paint Co., Chicago, Ill. Ready-mixed paints, enamels, varnish, wood stains, etc. 172,022; Aug. 21; Serial No. 128,971; published May 3, 1921.
Indiana Indestructible Paint Co., Chicago, Ill. Dry, ready-mixed, and paste paint. 174,255; Oct. 9; Serial No. 146,555; published Aug. 8, 1922.
Indiana Manufacturing Company, The, Indianapolis, Ind. Wind stackers. 166,119; Mar. 27; Serial No. 152,014; published Dec. 5, 1922.
Indiana Piston Ring Company, The, Hagerstown, Ind. Engine piston rings. 171,675; Aug. 7.
Indiana Truck Corporation, Marion, Ind. Motor trucks. 163,436; Jan. 9.
Indiana Truck Corporation, Marion, Ind. Motor trucks. 176,784; Nov. 27.
Indianapolis Abattoir Company, Indianapolis, Ind. Hams, shoulders, bacon, sausage, etc. 169,929; July 3.
Indianapolis Abattoir Company, Indianapolis, Ind. Hams, shoulders, bacon, sausage, etc. 173,519; Sept. 25.
Indianapolis Abattoir Company, Indianapolis, Ind. Hams, shoulders, bacon, sausage, etc. 173,790; Oct. 2; Serial No. 177,380; published July 3, 1923.
Indianapolis Abattoir Company, Indianapolis, Ind. Hams, bacons, sausages, shoulders, etc. 174,858; Oct. 23; Serial No. 176,629; published July 31, 1923.
Indianapolis Brewing Co., Indianapolis, Ind. Nonintoxicating, nonalcoholic, maltless soft drink. 164,813;
Indianapolis Brush & Broom Co., Indianapolis, Ind. Brooms. 163,091; Jan. 2.
Indianapolis Manufacturing Company, Indianapolis, Ind. Electric battery separators. 175,893; Nov. 13; Serial No. 151,581; published Sept. 4, 1923.
Indianapolis Tent & Awning Co., Indianapolis, Ind. Tents and tarpaulins. 163,092; Jan. 2.
Indianapolis Tent & Awning Company, Indianapolis, Ind. Clothing consisting of outing coats, trousers, vests, and suits. 168,385; May 22; Serial No. 169,595; published Feb. 20, 1923.
Indianapolis Tent & Awning Company, Indianapolis, Ind. Awnings and tarpaulins. 170,015; July 10; Serial No. 172,538; published Apr. 3, 1923.
Indianapolis Tool and Manufacturing Company, The, Indianapolis, Ind. Gears. 163,913; Feb. 6.
Indiaroot Company, Chicago, Ill. Hair tonic. 177,359; Dec. 18; Serial No. 181,896; published Sept. 25, 1923.
Indra Pearl Co., Inc., The, New York, N. Y. Pearls. 174,424; Oct. 16; Serial No. 171,219; published Jan. 2, 1923.
Industrial Chemical & Fertilizer Company, Brunswick, Ga. Potassium phosphate as well as general mixed fertilizers and highly-concentrated plant food. 166,823; Apr. 17; Serial No. 173,831; published Feb. 13, 1923.
Industrial Engineering Research Co., New York, N. Y. Adhesive printed labels. 177,345; Dec. 18; Serial No. 181,076; published Sept. 25, 1923.
Industrial Molded Materials Company, North Tonawanda, N. Y., assignor to Durez Company, Inc. Molding compositions. 175,374; Nov. 6; Serial No. 167,353; published Aug. 28, 1923.
Industrial Oil Co. Inc. East Providence, R. I. Gasoline. 174,653; Oct. 23; Serial No. 181,447; published July 31, 1923.
Industrial Rubber Corporation, Long Island City, N. Y. Dental gum. 164,898; Feb. 27.
Industrial Rubber Corporation, Long Island City, N. Y. Dental gum. 171,964; Aug. 14.

Alphabetical list of registrants of trade-marks—Continued.

Industrial Service Company, Lincoln, N. J. Automobile-actuated transmission appliance. 167,222; Apr. 24; Serial No. 156,833; published Feb. 6, 1923.

Inecto Incorporation, New York, N. Y. Face cream. 173,908; Oct. 2; Serial No. 175,990; published July 10, 1923.

Iner-Guard Tube & Rubber Company, St. Louis, Mo. Inner tubes for pneumatic tires. 169,563; June 19.

Infallible Hair Color Restorer Co. (See Glassmire, Sara R.)

Ingersoll Milling Machine Company, The, Rockford, Ill. Milling fixtures, cutters, and machines and milling-cutter grinders. 169,221; June 12; Serial No. 154,194; published Mar. 27, 1923.

Ingersoll-Rand Company, Jersey City, N. J., and New York, N. Y. Hose composed of rubber and fabric. 174,813–14; Oct. 23; Serial Nos. 180,933–4; published July 31, 1923.

Ingersoll Redipoint Company, Inc., New York, N. Y. Pencils, pens, leads, and erasers. 171,955; Aug. 14.

Ingersoll Redipoint Company, Inc., New York, N. Y. Pencils, pens, leads, and erasers. 172,095; Aug. 21; Serial No. 174,452; published May 22, 1923.

Ingersoll Redipoint Company, Inc., New York, N. Y. Pencils, pens, leads, and erasers. 173,441; Sept. 25; Serial No. 174,451; published June 26, 1923.

Ingersoll, Robt. H., & Bro., New York, N. Y., assignor, by mesne assignments, to Waterbury Clock Company. Watches and clocks. 167,686; May 8; Serial No. 158,476; published Feb. 13, 1923.

Ingle, Herbert D., Intervilla, Pa. Hay and rose fever remedy. 166,047; Mar. 27; Serial No. 168,891; published Nov. 28, 1922.

Ingram, Frederick F., Company, Detroit, Mich. Nail polish. 164,148; Feb. 13.

Ingram, Frederick F., Company, Detroit, Mich. Rouge and face powders. 168,117; May 15; Serial No. 153,884; published Feb. 13, 1923.

Inland Crystal Salt Company of Utah, Salt Lake City, Utah. Table salt. 167,321; Apr. 24.

Inland-Delray Salt Co., Detroit, Mich. Salt. 173,088; Sept. 11.

Inland Steel Company, Chicago, Ill. Copper-alloy steel. 175,348; Nov. 6; Serial No. 169,856; published Aug. 14, 1923.

Inlander & Steindler, Hammond, Ind. Bags, baskets, butter pails, butter plates, etc. 166,338; Mar. 27.

Inlander-Steindler Paper Company, Chicago, Ill. Toilet paper. 166,365; Apr. 3; Serial No. 170,141; published Nov. 14, 1922.

Inlander-Steindler Paper Company, Chicago, Ill. Wrapping paper. 166,367; Apr. 3; Serial No. 170,140; published Nov. 28, 1922.

Innovation Specialties Co. (See Booty, Philip C. P., assignor.)

Ino Manufacturing Company. (See Sherrer, Frederick M.)

Insley Manufacturing Company, Indianapolis, Ind. Steel masts and parts thereof for the hoisting of concrete and construction materials, concrete chutes, and hoisting buckets. 176,098; Nov. 13.

Institut de Beaute Castiglione. (See Bossard, Jean.)

Institute for Public Service, New York, N. Y. Periodical publications. 171,767; Aug. 14; Serial No. 173,707; published May 8, 1923.

Instituto Nazionale Medico Farmacologico, Rome, Italy. Preparation for hypodermic use. 177,305; Dec. 18; Serial No. 171,848; published Sept. 18, 1923.

Interchangeable Parts Company, Newark, N. J. Cylinder blocks and heads, gear-case covers for hydrocarbon engines. 166,516; Apr. 3; Serial No. 163,750; published Nov. 14, 1922.

Interlake Tissue Mills Co., Ltd., Merritton, Ontario, Canada. Toilet paper. 175,358. Nov. 6; Serial No. 178,043; published Aug. 14, 1923.

International All-Steel Aircraft Syndicate, Ltd., The, London, England. Aircraft—namely, flying machines, aeroplanes, and seaplanes. 163,345; Jan. 9.

International Association of Machinists, doing business as Ad-Pep Printing and Publishing Co., Washington, D. C. Cartoons, advertising cartoons, and illustrations. 170,544; July 17; Serial No. 158,121; publishd Apr. 24, 1923.

International Bank, Washington, D. C. Printed circulars, bulletins, digests, etc. 176,539; Nov. 27; Serial No. 182,310; published Sept. 11, 1923.

International Bedding Co., Inc., Baltimore, Md. Mattresses, pillows, and box springs. 164,012; Feb. 6.

International Bedding Co. Inc., Baltimore, Md. Box springs. 172,404; Aug. 28; Serial No. 164,049; published May 15, 1923.

International Canning Co., The. (See Carmichael, Homer S.)

International Chemical Company of America, Wilmington, Del., and Washington, D. C. Insecticide spray. 173,895; Oct. 2; Serial No. 177,129; published June 26, 1923.

International Company, The, Baltimore, Md. Food flavor. 163,812; Jan. 30.

International Company, The, Baltimore, Md. Food flavor. 163,832; Jan. 30.

International Consolidated Chemical Corporation, Inc., doing business as Tokalon, New York, N. Y. Perfumes. 165,498; Mar. 13; Serial No. 166,002; published Nov. 7, 1922.

International Consolidated Chemical Corporation, Inc., doing business as Hi-Gypsy Co., New York, N. Y. Salve for the amelioration of soreness in fatigued human pedal extremities. 168,170; May 15; Serial No. 166,599; published Feb. 13, 1923.

International Consolidated Chemical Corporation, Inc., doing business as Dae Health Laboratories, New York, N. Y. Medicinal preparation for intestinal disorders. 174,803; Oct. 23; Serial No. 180,702; published Aug. 7, 1923.

International Corset Company, Aurora, Ill. Corsets, brassières, and combination corsets and brassières. 173,834; Oct. 2; Serial No. 174,785; published June 26, 1923.

International Cotton Mills, Boston, Mass. Cotton duck and cotton tire fabrics in the piece. 171,688; Aug. 7.

International Development Company, Boston, Mass. Leather shoes. 165,293; Mar. 6; Serial No. 166,001; published Nov. 14, 1922.

International Dry Milk Co., Minneapolis, Minn. Powdered milk. 170,698–700; July 24; Serial Nos. 155,689–91; published Apr. 24, 1923.

International Feature Service, Inc., New York, N. Y. Cartoons. 163,749; Jan. 23.

International Harvester Company, Chicago, Ill. Tractors and attachments and parts thereof. 170,553; July 17; Serial No. 173,649; published Apr. 17, 1923.

International Milling Company, Minneapolis, Minn. Wheat flour. 176,578; Nov. 27; Serial No. 178,044; published Aug. 21, 1923.

International Motor Company, New York, N. Y. Motor busses. 171,484; Aug. 7; Serial No. 152,425; published May 22, 1923.

International Motor Company, New York, N. Y. Metal parts for cushioned connections in vehicles. 171,504; Aug. 7; Serial No. 169,213; published May 22, 1923.

International Motor Company, New York, N. Y. Cushioned connections for use in vehicles. 171,507; Aug. 7; Serial No. 168,416; published May 22, 1923.

International Player Roll Company, Inc., Brooklyn, N. Y. Music rolls and combination music and word rolls for player pianos. 164,310; Feb. 20.

International Salt Company, Inc., New York, N. Y. Table salt. 177,354; Dec. 18; Serial No. 181,948; published Sept. 25, 1923.

International Salt Company, Inc., New York, N. Y. Table salt. 177,361; Dec. 18; Serial Nos. 181,947–8; published Sept. 25, 1923.

International Silver Company, Meriden, Conn. Hollow silverware and hollow silver-plated ware. 165,269; Mar. 6; Serial No. 167,177; published Nov. 28, 1922.

International Silver Company, Meriden, Conn. Silver-plated flatware consisting of spoons, forks, ladles, etc. 166,588; Apr. 10; Serial No. 171,272; published Jan. 23, 1923.

International Silver Company, Meriden and Bridgeport, Conn. Silver-plated flat tableware. 167,980; May 8.

International Silver Company, Meriden and Bridgeport, Conn. Silver plated spoons, forks, knives, etc. 177,830; Dec. 25.

International Shoe Company, St. Louis, Mo. Boots and shoes. 168,159; May 15; Serial No. 165,380; published Feb. 20, 1923.

International Shoe Company, St. Louis, Mo. Leather shoes. 176,200; Nov. 20; Serial No. 179,471; published Aug. 14, 1923.

International Supply Company, Boston, Mass. Sliding casters. 171,179; July 31; Serial No. 171,697; published Apr. 24, 1923.

International Toy Company, Limited, The, Montreal, Quebec, Canada. Toy horses. 167,942; May 8; Serial No. 171,997; published Feb. 20, 1923.

International Trade Developer, Inc., Chicago, Ill. Bimonthly and annual publication. 175,855; Nov. 13; Serial No. 176,187; published Aug. 21, 1923.

International Union of Timber Workers, Seattle, Wash. Printed booklets and pamphlets published monthly. 167,619; May 1; Serial No. 126,802; published Dec. 26, 1922.

International Welding Engineering Corporation, Chicago, Ill. Arc-welding metal electrodes. 166,405; Apr. 3; Serial No. 162,011; published July 18, 1922.

International Western Electric Company, Incorporated, New York, N. Y. Title of a quarterly publication. 177,490; Dec. 18; Serial No. 182,973; published Oct. 2, 1923.

International Worsted Mills, Methuen, Mass., and New York, N. Y. Novelty worsted fabrics. 173,276; Sept. 18; Serial No. 174,787; published June 12, 1923.

International Worsted Mills, Methuen, Mass., and New York, N. Y. Tropical worsteds in the piece. 173,277; Sept. 18; Serial No. 174,786; published June 12, 1923.

International Worsted Mills, Methuen, Mass., and New York, N. Y. Textile fabrics. 177,482; Dec. 18; Serial No. 183,214; published Sept. 25, 1923.

Internationala Limited, Chicago, Ill. Soap. 167,956; May 8.

Alphabetical list of registrants of trade-marks—Continued.

Internationale Galalith-Gesellschaft Hoff & Co., Harburg, Germany. Casein for the production of artificial horn, artificial horn in the form of rods. 175,629; Nov. 6; Serial No. 174,522; published Aug. 21, 1923.
Interocean Oil Company, The, New York, N. Y. Asphaltum-base paint. 164,669; Feb. 27.
Interocean Oil Company, The, New York, N. Y. Gasoline. 175,533; Nov. 6; Serial No. 181,027; published Aug. 28, 1923.
Interstate Corset Company, New York, N. Y. Corsets and brassières. 173,648; Oct. 2; Serial No. 176,739; published June 26, 1923.
Interstate Engineering Co., Madison, Wis. Electrical apparatus for administering electrotherapeutic treatments. 164,363; Feb. 20.
Interstate Gasoline Co., Wichita Falls, Tex., and New York, N. Y. Petroleum products—namely, gasoline. 166,424; Apr. 3; Serial No. 164,807; published Jan. 9, 1923.
Inter-State Oil Company, Kansas City, Kans. Lubricating oils and greases. 177,503; Dec. 18; Serial No. 139,971; published Oct. 2, 1923.
Interstate Paint & Supplies Co., Inc., Buffalo, N. Y. Ready-mixed and paste paints. 166,398; Apr. 3; Serial No. 169,402; published Dec. 19, 1922.
Interstate Paint & Supplies Co. Inc., Buffalo, N. Y. Roofing compounds known as roof preserves and composition roofing material. 171,574; Aug. 7; Serial No. 172,838; published May 22, 1923.
Interwoven Stocking Company, New Brunswick, N. J. Hosiery. 163,584; Jan. 23.
Iola Creamery Company. Iola, Kans. Butter. 170,809; July 24; Serial No. 171,759; published Mar. 13, 1923.
Iowa Fiber Box Company, Keokuk, Iowa. Fiber boxes. 170,761; July 24; Serial No. 176,475; published Apr. 10, 1923.
Iowa Packing Co., Des Moines, Iowa. Smoked meats, dried beef, sausage, ham, bacon, lard, and butter. 172,461; Aug. 28; Serial No. 160,290; published May 1, 1923.
Iowa Soap Company, Burlington, Iowa. Toilet soap. 170,994–5; July 24.
Iowana Gypsum Products Co., Fort Dodge, Iowa. Plaster. 169,589; June 26; Serial No. 154,603; published Feb. 6, 1923.
Ireland Bros., Inc., New York, N. Y. Linen goods in the piece, household or domestic goods manufactured from linen, etc. 172,940; Sept. 11; Serial No. 161,255; published Oct. 24, 1922.
Irene, Madame, New York, N. Y. Brassières and women's underwear. 173,338; Sept. 25; Serial No. 173,498; published June 26, 1923.
Irish Linen Mesh Company Limited, The, Belfast, Ireland. Negligee shirts and undershirts. 164,055; Feb. 13.
Iron Clad Patch Laboratories Inc., New Orleans, La. Adhesive patches for automobile tires and inner tubes. 173,113; Sept. 18; Serial No. 171,083; published June 12, 1923.
Ironall Factories Co., The, Cincinnati, Ohio. Overalls, combination suits, one-piece suits, pants, work shirts, etc. 164,230; Feb. 13.
Ironall Factories Co., The, Cincinnati, Ohio. Overalls, coats, pants, jumpers, combination one-piece suits, and pantaloons for men and play suits for children. 174,248; Oct. 9; Serial No. 164,707; published July 3, 1923.
Irvin, James R., Chicago, Ill. Tooth paste and liquid dentifrice. 172,976; Sept. 11; Serial No. 176,188; published June 12, 1923.
Irvine, Nannie, doing business as The Healthofruits Co., Baltimore, Md. Fruit laxative preparation. 163,587; Jan. 23.
Irving Engineering Sales Co., Chicago, Ill. Radiator shutters for internal-combustion engines. 174,751; Oct. 23; Serial No. 167,722; published July 17, 1923.
Irving Iron Works Company, Long Island City, N. Y. Metal gratings for floorings and staircases. 169,336; June 12; Serial No. 173,499; published Mar. 27, 1923.
Irving-Pitt Manufacturing Company, Kansas City, Mo. Loose-leaf binders. 163,473; Jan. 16.
Irvins', J. S., Son, Inc., Philadelphia, Pa. Biscuits. 170,976; July 24.
Irwin Auger Bit Company, The, Wilmington, Ohio. Bits and augers. 164,103; Feb. 13.
Irwin Auger Bit Company, The, Wilmington, Ohio. Bits and augers. 167,244; Apr. 24; Serial No. 171,801; published Jan. 30, 1923.
Irwin Auger Bit Company, The, Wilmington, Ohio. Roll cases for containing augers and bits. 168,722; May 29; Serial No. 171,800; published Feb. 27, 1923.
Irwin Auger Bit Company, The, Wilmington, Ohio. Boxes for containing augers and bits. 168,723; May 29; Serial No. 171,802; published Feb. 27, 1923.
Irwin Auger Bit Company, The, Wilmington, Ohio. Bits and augers. 173,295–7; Sept. 18; Serial Nos. 179,098–100; published June 19, 1923.
Irwin Auger Bit Company, The, Wilmington, Ohio. Bits and augers. 173,315–17; Sept. 18; Serial Nos. 179,101–3; published June 19, 1923.
Irwin-Harrisons & Crosfield, Inc., San Francisco, Calif. Canned sardines. 177,235; Dec. 11; Serial No. 181,567; published Sept. 25, 1923.
Irwin, I. Isaac, doing business as Irwin & Co., San Diego, Calif. Foods and feed for poultry, livestock, and cattle. 172,583; Sept. 11; Serial No. 170,821; published June 5, 1923.
Irwin, Oliver C., assignor to The Superior Ice Company Inc., New York, N. Y. Ice. 175,254; Oct. 30.
Isaac, I., & Company. (See Isaac, Isidore.)
Isaac, Isidore, doing business as I. Isaac & Company, New York, N. Y. Neckwear, reefers, and mufflers. 164,837; Feb. 27.
Isaacsen, Adolph, & Son, assignor to Adolph Isaacsen & Son, Inc., New York, N. Y. Insect and vermin destroying preparations. 23,498; renewed Aug. 15, 1923.
Isaacson, Carl A., Copas, Minn. Coffee. 174,130; Oct. 2.
Isaacson, L., & Son, New York, N. Y. Clothing—namely, boys' wash suits. 163,233; Jan. 2.
Iskowitz, Charles, New York, N. Y. Hosiery. 177,253; Dec. 11; Serial No. 183,525; published Sept. 25, 1923.
Ismert-Hincke Milling Company, The, doing business as The Sun Ray Products Co., Kansas City, Kans., and Kansas City, Mo. Wheat flour. 163,585; Jan. 23.
Ismert-Hincke Milling Company, The, Kansas City, Kans., and Kansas City, Mo. Wheat flour. 165,077; Mar. 6; Serial No. 159,266; published Oct. 17, 1922.
Ismert-Hincke Milling Company, The, Kansas City, Kans. Wheat flour. 167,146; Apr. 24; Serial No. 156,161; published Jan. 30, 1923.
Isola Gesellschaft für Warme- und Kälte-Isolierung, Rudolstadt, Germany. Double-walled receptacles, being evacuated between said double walls and serving for keeping cold or warm foods, drinks, etc. 168,088; May 15; Serial No. 160,608; published Feb. 27, 1923.
Israel, Ralph, doing business as Anthracite Supply Company, Wilkes-Barre, Pa. Washboilers. 175,774; Nov. 13; Serial No. 177,439; published Sept. 4, 1923.
Isreal, Charles, Omaha, Nebr. Children's toy velocipedes. 163,437; Jan. 9.
Isterling, John P., doing business as The Isterling Chemical Company, New Salisbury, Ind. Preparation for the treatment of dandruff, falling hair, etc. 176,790; Nov. 27.
Italian Book Co., New York, N. Y. Music rolls for self-playing musical instruments. 169,510; June 19; Serial No. 171,922; published Mar. 27, 1923.
Italian Food Products Co., Inc., Los Angeles, Calif. Canned tunny fish in olive oil. 171,656; Aug. 7.
Italian Macaroni Production Co. (See Molinelli, Charles.)
Iten Biscuit Co., Omaha, Nebr. Bakery products. 163,507; Jan. 16.
Iten Biscuit Co., Omaha, Nebr. Bakery product known as sugar wafers. 163,586; Jan. 23.
Iten Biscuit Co., Omaha, Nebr. Sugar wafers. 167,012; Apr. 24; Serial No. 162,740; published Jan. 30, 1923.
Iten Biscuit Co., Omaha, Nebr. Cookies. 172,557; Sept. 11; Serial No. 171,923; published May 1, 1923.
Itis-Real Remedy Company. (See Dixon, Charles P.)
Ivanhoe Fruit Association, Klink, Calif. Fresh deciduous fruits. 168,879; May 29; Serial No. 169,304; published Mar. 6, 1923.
Ivar-Lite Corporation, The, Malden, Mass. Flash lights. 169,284; June 12; Serial No. 159,704; published Sept. 26, 1922.
Ivins', J. S., Son, Inc., Philadelphia, Pa. Crackers. 166,286; Mar. 27.
Ivins', J. S., Son, Inc., Philadelphia, Pa. Cookies, cakes, and crackers. 177,365; Dec. 18; Serial No. 181,749; published Oct. 2, 1923.
J & B Manufacturing Company, Pittsfield, Mass. Monthly trade publication. 165,154; Mar. 6; Serial No. 152,802; published Nov. 14, 1922.
J. C. Hub Manufacturing Company, The, Cleveland, Ohio. Various completely-printed jobs, specifically house organs, catalogues, price lists, etc. 175,084; Oct. 30; Serial No. 168,111; published Aug. 7, 1923.
J-E Battery Co. of Southern California, Inc., Los Angeles, Calif. Storage batteries. 171,957; Aug. 14.
"J-E" Storage Battery Company. (See Luburg, Charles E.)
J. J. Company, The. (See Jenen, Joseph.)
J. & P. Coats (R. I.) Inc., Pawtucket, R. I. Thread and yarn. 175,166; Oct. 30; Serial No. 181,729; published Aug. 7, 1923.
J. P. Drug Co. (See Johnston, Eugene B.)
J. F. G. Coffee Co. (See Goodson, J. F., & Company.)
Jablonower, Benjamin, New York, N. Y. Writing inks and ink powders, ink capsules and tablets. 177,675; Dec. 25; Serial No. 180,478; published Oct. 9, 1923.
Jaburg Brothers, Inc., New York, N. Y. Oleomargarine. 176,455; Nov. 27; Serial No. 176,630; published Sept. 11, 1923.
Jack Beverage Company, New York, N. Y. Beverage sold as soft drink and sirup for making same. 164,196–208; Feb. 13.
Jack Beverage Company, New York, N. Y. Beverages sold as soft drinks and sirups for making the same. 167,074; Apr. 24; Serial No. 172,107; published Feb. 6, 1923.
Jack Bros. & McBurney Co., Brawley, Calif. Fresh cantaloupes, vegetables, deciduous and citrous fruits, and grapes. 173,070; Sept. 11, 1923.
Jack, Geo., Buffalo, N. Y. Antiseptic healing ointment. 167,580; May 1; Serial No. 166,455; published Jan. 30, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Jack Tire & Rubber Company, Spokane, Wash. Pneumatic automobile tires and inner tubes. 171,899; Aug. 14.

Jack Tire & Rubber Company, Spokane, Wash. Pneumatic automobile tires and inner tubes. 175,560; Nov. 6; Serial No. 179,601. published Aug. 21, 1923.

Jackie-Klothes, Inc., Brooklyn, N. Y. Boys' and girls' middy suits, blouses, breeches, etc. 172,157; Aug. 21.

Jack-O-Lantern Board, Hanover, N. H. Periodical publication of a literary nature. 169,077; June 5; Serial No. 171,084; published Mar. 13, 1923.

Jackoway & Katz Cap Co., St. Louis, Mo. Men's, boys', and children's caps. 168,259; May 15; Serial No. 171,174; published Feb. 13, 1923.

Jackson, A. A., Inc., New York, N. Y. Bubble-blowing outfit. 164,900; Feb. 27.

Jackson Corset Company, Jackson, Mich. Corsets. 176,029; Nov. 13; Serial No. 178,723; published Sept. 4, 1923.

Jackson, Edwin A., & Bro., Incorporated, New York, N. Y. Coal, coke, wood, gas, and oil burning grates and stoves. 163,093; Jan. 2.

Jackson & Finkenaur, New York, N. Y. Radio receiving sets. 167,252; Apr. 24; Serial No. 170,529; published Jan. 30, 1923.

Jackson & Finkenaur, New York, N. Y. Radio receiving sets. 175,755; Nov. 13; Serial No. 168,925; published Aug. 21, 1923.

Jackson, Genevieve, Inc., Burbank, Calif. Cooky having laxative qualities. 165,537; Mar. 13; Serial No. 159,705; published Dec. 12, 1922.

Jackson, Genevieve, Inc., Burbank, Calif. Cookies. 177,604; Dec. 18.

Jackson & Gutman Company, The, Salisbury, Md. Negligee shirts. 169,432; June 12.

Jackson, Harry C., New York, N. Y. Bread bonbons. 172,181; Aug. 21.

Jackson, John W., Mercer, Pa. Oil containers. 167,337; Apr. 24.

Jackson, John W., Palmetto, Fla. Waterproofing compound for use on shingle roofs and wood shingles. 176,188; Nov. 20; Serial No. 173,424; published May 15, 1923.

Jackson Medicine Co., The, Zanesville, Ohio. Digestive and liver powder, a preparation for relief of stomach ills. 167,359; May 1; Serial No. 171,924; published Feb. 13, 1923.

Jackson Paper Co., Jackson, Miss. Tablets and school pads. 176,436; Nov. 27; Serial No. 182,816; published Sept. 11, 1923.

Jacob, H., & Sons, Inc., Brooklyn, N. Y. Felt slippers. 163,094; Jan. 2.

Jacobi, Harry E., Baltimore, Md. Lockets, cigarette cases, jewel boxes, cuff buttons, etc. 164,324; Feb. 20.

Jacobs, David Corporation, New York, N. Y. Ladies', men's, and children's hosiery. 163,588; Jan. 23.

Jacobs, David, Corporation, New York, N. Y. Hosiery. 172,186; Aug. 21.

Jacobs, Harry L., Detroit, Mich. Caps. 166,809; Apr. 17; Serial No. 167,877; published Jan. 9, 1923.

Jacobstein Bros., Inc., Rochester, N. Y. Cigars. 168,747; May 29; Serial No. 171,323; published Feb. 13, 1923.

Jacques, May O., doing business as Pearldento Company, New York, N. Y. Antiseptic mouth wash. 177,129; Dec. 11; Serial No. 140,964; published Jan. 3, 1922.

Jaden, Fred I., doing business as F. Jaden Manufacturing Co., Hastings, Nebr. Tire pumps, slip-on connections for tire pumps, and air chucks. 176,469; Nov. 27; Serial No. 181,282; published Sept. 18, 1923.

Jaediker, Henry W., New York, N. Y. Ladies' hats. 173,761; Oct. 2; Serial No. 177,300; published July 3, 1923.

Jaeger, C., Distributing Co., New York, N. Y. Facial cream. 172,572; Sept. 11; Serial No. 170,388; published Apr. 17, 1923.

Jaeger, Frederick A., Brooklyn, N. Y. Series of cartoons. 163,805; Jan. 30.

Jaenecke-Ault Company, Newark, N. J. Printing inks. 166,339; Mar. 27.

Jaenecke-Ault Company, Newark, N. J. Printing inks. 171,318; Aug. 7; Serial No. 168,135; published Apr. 24, 1923.

Jaenecke-Ault Company, Newark, N. J. Printing inks. 172,430–1; Aug. 28; Serial Nos. 176,740–1; published May 15, 1923.

Jaffe, Sam, & Son., doing business as O. D. Shirt Mfg. Co., New York, N. Y. Men's outer shirts. 164,555; Feb. 20.

Jahns, William H., Los Angeles, Calif. Pistons. 164,572; Feb. 20.

Jakobs, Nachem, doing business as Netherlands Haarlem Oil Manufacturing Company, Philadelphia, Pa. Medicinal oil for treatment of kidney, liver, bladder, etc., troubles. 173,325; Sept. 25; Serial No. 171,998; published June 26, 1923.

Jalkoff Bros. Inc., New York, N. Y. Fur coats, capes, scarfs, etc. 176,570; Nov. 27; Serial No. 178,505; published Sept. 18, 1923.

James, John, & Sons Limited, Redditch, England. Needles for hand sewing. 172,298; Aug. 28; Serial No. 178,104; published May 22, 1923.

James, John, & Sons Limited, Redditch, England. Needles for hand sewing. 173,677; Oct. 2; Serial No. 178,105; published July 3, 1923.

James Shoe Mfg. Co., The, Milwaukee, Wis. Shoes made wholly or in part of leather. 163,096; Jan. 2.

James Washing Machine Company, Detroit, Mich. Laundry-washing machines. 165,027; Feb. 27.

Jameson-Hevener Company, St. Paul, Minn. Poultry food. 177,217; Dec. 11; Serial No. 176,346; published Sept. 25, 1923.

Jameway Co. (See Wayborn, James A.)

Jamison, Jacob, Philadelphia, Pa. Outer suits for men and boys. 173,027; Sept. 11; Serial No. 172,335; published June 5, 1923.

Janney, Thomas, Company, Philadelphia, Pa. Shoes. 172,074; Aug. 21; Serial No. 175,903; published May 22, 1923.

Jansen, F. W., Clock Company, Chicago, Ill. Alarm clocks. 169,500; June 19; Serial No. 157,615; published Mar. 27, 1923.

Jansen & Pretzfeld, Inc., New York, N. Y. Silks in the piece. 163,346; Jan. 9.

Jansen & Pretzfeld, Inc., New York, N. Y. Silks in the piece. 168,773; May 29; Serial No. 173,966; published Mar. 6, 1923.

Jansen & Pretzfeld, Inc., New York, N. Y. Silks in the piece. 169,624; June 26; Serial No. 173,084; published Mar. 20, 1923.

Janssen, H., & Co., San Francisco, Calif. Olive oil. 172,028; Aug. 21; Serial No. 167,642; published May 29, 1923.

Jarvis, Henry C., doing business as B. B. Drug & Chemical Co., Brooklyn, N. Y. Throat tablets. 167,465; May 1; Serial No. 167,132; published Jan. 9, 1923.

Jath's Camphorub Company, Omaha, Nebr. Medicinal compound. 177,292; Dec. 18; Serial No. 179,044; published Oct. 16, 1923.

Jay Garment Company, The, Portland, Ind. Work shirts. 172,865; Sept. 11; Serial No. 172,839; published June 5, 1923.

Jean, Buena V., doing business as W. F. D. Jean, Baltimore, Md. Coffee. 175,368; Nov. 6; Serial No. 176,026; published Aug. 14, 1923.

Jean, C. W., Company, Worthington, Ind. Eggs. 171,041; July 31; Serial No. 112,202; published May 8, 1923.

Jean Garment Company, The, Chicago, Ill. Lingerie, gymnasium bloomers, and underwear. 171,298; Aug. 7; Serial No. 165,382; published May 1, 1923.

Jean Jordeau Inc., South Orange, N. J., and New York, N. Y. Skin lotions and creams. 169,775; July 3; Serial No. 168,893; published Mar. 6, 1923.

Jeanne Tournier, Inc., New York, N. Y. Hosiery and knitted underwear. 174,538; Oct. 16.

Jeannette Glass Company, Jeannette, Pa. Glass plates, bowls, napkins, jars, jugs, pitchers, etc. 170,451; July 10; Serial No. 172,277; published Apr. 3, 1923.

Jefferson Co. Inc., Richmond, Va. Vegetable shortening, lard substitute. 170,221; July 10; Serial No. 153,551; published Apr. 10, 1923.

Jefferson Company, The, Follansbee, W. Va. Electric-lamp stands or bases and fixtures therefor. 169,250; June 12; Serial No. 170,768; published Mar. 6, 1923.

Jeffress, E. W., Inc., Detroit, Mich. Ginger ale. 165,577; Mar. 13; Serial No. 162,420; published Jan. 2, 1923.

Jeffress, E. W., Inc., Detroit, Mich. Olive butter. 165,653; Mar. 13.

Jeffrey Manufacturing Co., The, Columbus, Ohio. Excavating, elevating, and conveying machinery. 175,366; Nov. 6; Serial No. 176,347; published Aug. 21, 1923.

Jeffries, W. P., Company, Los Angeles, Calif. Bond paper. 165,738; Mar. 20; Serial No. 169,636; published Dec. 12, 1922.

Jeffs & Co. Inc., New York, N. Y. Ladies' hand bags and pocketbooks, men's pocketbooks, bill folds, and wallets. 166,151; Mar. 27; Serial No. 156,280; published Dec. 19, 1922.

Jelly-Delaney Shoe Co., Lynn, Mass. Shoes. 168,078; May 15; Serial No. 156,330; published Feb. 27, 1923.

Jely-Rite Fruit Company. (See Hulburt, H. L.)

Jenen, Joseph, doing business as The J. J. Company, Chicago, Ill. Polish for varnished, enameled, and lacquered surfaces. 170,738; July 24; Serial No. 174,142; published Apr. 24, 1923.

Jenkins Bros. Limited, Montreal, Quebec, Canada. Globe and gate valves. 176,564; Nov. 27; Serial No. 180,605; published Sept. 18, 1923.

Jennings, George W., Chicago, Ill. Face creams, lotions, manicuring preparations, perfumes, etc. 172,854; Sept. 11; Serial No. 175,658; published June 5, 1923.

Jennings Manufacturing Company, The, Dayton, Ohio. Hosiery. 168,073; May 15; Serial No. 159,153; published Oct. 3, 1922.

Jennings, O. D., and Company, Chicago, Ill. Coin-controlled vending machines. 171,506; Aug. 7; Serial No. 168,719; published Apr. 3, 1923.

Jennings, O. D., & Company, Chicago, Ill. Weighing scales as well as coin-controlled scales. 175,164; Oct. 30; Serial No. 181,077; published Aug. 14, 1923.

Jennison-Wright Co., The, Toledo, Ohio. Floors and pavements, coatings, mastics, etc., for floors and pavements. 174,788; Oct. 23; Serial No. 131,736; published July 17, 1923.

Jennison-Wright Co., The, Toledo, Ohio. Pavements and floors and materials therefor. 174,789; Oct. 23; Serial No. 131,735; published July 17, 1923.

Jenny Lee Frocks Inc., Minneapolis, Minn. Dresses, gowns, suits, wraps, and coats. 175,142; Oct. 30; Serial No. 180,378; published Aug. 14, 1923.

Jenquins Laboratories, The, Chicago, Ill. Cod-liver-oil pills. 174,476; Oct. 16; Serial No. 178,252; published July 10, 1923.

Jensen, Dr. Walter D., doing business as Bio-Chemic Laboratory, Taylor, Nebr. Remedy used for distemper in dogs. 169,986; July 10; Serial No. 167,943; published Apr. 10, 1923.

Jensen, Frank H., Boston, Mass. Arch cuffs, supports, retainers, and relievers. 165,900; Mar. 20.

Jensen, Frank H., Boston, Mass. Arch supporters, foot bands, and chiropodist bandages. 169,569; June 19.

Jensen-Salsbery Laboratories, Inc., The, Kansas City, Mo. Tooth powder. 165,486; Mar. 13; Serial No. 166,303; published Nov. 7, 1922.

Jensen & Sons, Watsonville and Corralitos, Calif. Fresh apples. 176,530; Nov. 27; Serial No. 182,916; published Sept. 18, 1923.

Jergens, Andrew, Company, The, Cincinnati, Ohio. Toilet soap. 165,568; Mar. 13; Serial No. 161,191; published June 6, 1922.

Jergens, Andrew, Company of California, Burbank, Calif. Toilet soap. 167,683; May 8; Serial No. 156,904; published Jan. 30, 1923.

Jerico Co., The, Brooklyn, N. Y. Hair dressing. 168,411; May 22; Serial No. 171,324; published Feb. 20, 1923.

Jersee Company, The, Minneapolis, Minn. Milk food compound for animals. 165,919; Mar. 20.

Jersey Silk Mills, New York, N. Y. Silk, silk and wool, etc., piece goods. 177,649; Dec. 25; Serial No. 182,817; published Oct. 2, 1923.

Jersey Silk Mills, New York, N. Y. Silk, etc., piece goods. 177,714; Dec. 25; Serial No. 182,819; published Oct. 9, 1923.

Jersey Silk Mills, New York, N. Y. Silk, silk and cotton, etc., piece goods. 177,715; Dec. 25; Serial No. 182,821; published Oct. 2, 1923.

Jessen, J. Carl., Hollywood, Calif. Motion pictures reproduced in copies. 176,878; Dec. 4; Serial No. 181,950; published Sept. 25, 1923.

Jester, Jerome K., doing business as Continental Ampower Company, Atlanta, Ga. Liquid battery charge. 172,570; Sept. 11; Serial No. 170,434; published May 22, 1923.

Jet & Wood Mercantile Company, The, Wichita, Kans. Canned goods, spices, table sirups, etc. 177,458; Dec. 18; Serial No. 178,253; published Oct. 2, 1923.

Jevne, H., Co., Los Angeles, Calif. Canned vegetables and fruits. 164,091; Feb. 13.

Jevne, H., Co., Los Angeles, Calif. Plum pudding, honey, mincemeat, and mayonnaise. 165,985; Mar. 27; Serial No. 162,745; published Dec. 5, 1922.

Jevne, H., Company, doing business as Jevne's, Los Angeles, Calif. Candies. 166,896; Apr. 17; Serial No. 165,685; published Jan. 30, 1923.

Jevne, H., Co., Los Angeles, Calif. Coffee. 174,726; Oct. 23; Serial No. 162,744; published Aug. 7, 1923.

Jevne, H., Co., Los Angeles, Calif. Coffee, tea, cocoa, biscuit flour, etc. 177,026; Dec. 11; Serial No. 162,746; published Sept. 18, 1923.

Jewell Belting Company, West Hartford, Conn. Belts made of leather for driving machinery. 163,097; Jan. 2.

Jewell Belting Company, Hartford and West Hartford, Conn. Leather belts for machinery. 175,069; Oct. 30; Serial No. 170,650; published Aug. 7, 1923.

Jewel Phonoparts Company, Chicago, Ill. Reproducers, tone arms, tone modifiers, and automatic stops. 166,544; Apr. 10; Serial No. 150,539; published Dec. 26, 1922.

Jimmy Boy Doll Co. (See Kelley, Lucille B.)

Jitze and Fortkamp Company, South Milwaukee, Wis. Fruit preserves, jellies, and other canned fruit products. 171,336; Aug. 7; Serial No. 172,620; published May 8, 1923.

Joannes Bros. Co., Green Bay, Wis. Coffee. 169,700; June 26.

Joannes Bros. Co., Green Bay, Wis. Jar rubbers. 169,846; July 3; Serial No. 172,880; published Apr. 3, 1923.

Joannes Bros. Co., Green Bay, Wis. Bluing, laundry starch, baking powder, and lye. 169,847; July 3; Serial No. 172,879; published Mar. 13, 1923.

Joannes Bros. Co., Green Bay, Wis. Canned vegetables, and fish, molasses, and fruit preserves. 170,282; July 10; Serial No. 172,745; published Apr. 17, 1923.

Joannes Bros. Co., Green Bay, Wis. Tea. 170,521; July 17; Serial No. 172,743; published Apr. 17, 1923.

Johanson, Henning, Brooklyn, N. Y. Men's, women's, and children's leather shoes. 166,070; Mar. 27; Serial No. 159,968; published Dec. 26, 1922.

John, Hermann A., doing business as Von der Heyde & John, New York, N. Y. Cotton, woolen, half-wool, and woven piece goods. 166,956; Apr. 17; Serial No. 170,389; published Jan. 23, 1923.

John L. Whiting-J. J. Adams Company, assignor to John L. Whiting-J. J. Adams Company, Boston, Mass. Brushes for painting, varnishing, etc. 169,593; June 26; Serial No. 139,776; published July 11, 1922.

John L. Whiting-J. J. Adams Company, Boston, Mass, Brushes for painting, varnishing, or applying various liquids. 171,060; July 31; Serial No. 175,585; published May 15, 1923.

John, J. T., Company, Johns, N. C. Cantaloupes. 170,579; July 17; Serial No. 167,569; published Apr. 24, 1923.

Johns-Manville Incorporated, New York, N. Y. Non-heat-conducting coverings, waterproof cements, liquid cements, etc. 165,899; Mar. 20.

Johns-Manville Incorporated, New York, N. Y. Pipe covering, prepared asbestos roofing, asbestos paper, and millboard. 168,811; May 29; Serial No. 170,025; published Jan. 9, 1923.

Johns-Manville, Incorporated, New York, N. Y. Rod packing, piston-rod packing, piston packing, plunger packing, and asbestos belting used as brake lining. 169,170; June 12; Serial No. 167,818; published Mar. 13, 1923.

Johns-Manville, Incorporated, New York, N. Y. Brake lining. 170,062; July 10; Serial No. 172,046; published Apr. 3, 1923.

Johns-Manville Incorporated, New York, N. Y. Piston-rod packing. 171,283; Aug. 7; Serial No. 170,294; published Apr. 17, 1923.

Johns-Manville, Incorporated, New York, N. Y. Composition for electrical insulation. 171,951; Aug. 14.

Johns-Manville, Incorporated, New York, N. Y. Fireproof non-heat-conducting materials. 172,918; Sept. 11; Serial No. 177,786; published June 5, 1923.

Johns-Manville Incorporated, New York, N. Y. Roofing and shingles. 175,702; Nov. 6.

Johns-Manville, Incorporated, New York, N. Y. Pipe covering. 176,709; Nov. 27; Serial No. 183,155; published Sept. 18, 1923.

Johns-Pratt Company, The, Hartford, Conn. Electrical apparatus, machines, and supplies. 169,454; June 19; Serial No. 172,680; published Mar. 27, 1923.

Johns, William T., doing business as Texas Chemical & Specialty Co., Fort Worth, Tex. Insecticide and deodorant. 173,807; Oct. 2; Serial No. 174,902; published July 10, 1923.

Johnson, Aaron E., doing business as Aaron E. Johnson Jly. Mfg. Co., Minneapolis, Minn. Finger rings. 169,033; May 29.

Johnson, Anna L. R., doing business as Plaskul Game Company, Marietta, Minn. Table game played with cards, games, toys, and sporting goods. 168,415; May 22; Serial No. 172,746; published Feb. 20, 1923.

Johnson-Appleby Company, Boston, Mass. Canned fruits, flavoring extracts for foods, fruit jams, jellies, and marmalades, etc. 171,380; Aug. 7; Serial No. 146,440; published May 8, 1923.

Johnson, B. L., & Co., Knoxville, Tenn. Candy. 164,659; Feb. 27.

Johnson, B. L., & Co., Inc., Knoxville, Tenn. Candy. 175,008; Oct. 30; Serial No. 177,975; published Aug. 14, 1923.

Johnson-Breyding-Johnson, St. Louis, Mo. Printing and writing paper, envelopes. 171,390; Aug. 7; Serial No. 177,302; published May 8, 1923.

Johnson City Mills, Johnson City, Tenn. Children's stockings. 163,589; Jan. 23.

Johnson & Co. Cable Cord, Inc., New York, N. Y. Cable cord, macramé cord, shade cord made from cotton. 166,418; Apr. 3; Serial No. 165,628; published Jan. 9, 1923.

Johnson, Cowdin & Co., Inc., assignor to Johnson-Cowdin-Emmerich, Inc., New York, N. Y. Ribbons in the piece. 167,075; Apr. 24; Serial No. 156,834; published Jan. 30, 1923.

Johnson-Cowdin-Emmerich, Inc. (See Johnson, Cowdin & Co., assignor.)

Johnson, George H., Worcester, Mass. Oily compound for use in treating the surfaces of stoves and furnaces. 176,598; Nov. 27; Serial No. 178,850; published Sept. 18, 1923.

Johnson, H. M., Company, Newburyport, Mass. Leather shoes. 169,371; June 12; Serial No. 169,485; published Mar. 20, 1923.

Johnson High-Test Oil Company, Freeport, Ill. Gasoline, kerosene, and lubricating oils. 164,846; Feb. 27.

Johnson, I. M., New York, N. Y. Series of cartoons. 167,423; May 1; Serial No. 170,295; published Jan. 2, 1923.

Johnson, J. Oliver. (See Johnson, John O.)

Johnson, James W., Philadelphia, Pa. Liniment for stiffness, pains, old sores, etc. 164,167; Feb. 13.

Johnson, Jas. G. & Co., New York, N. Y. Silk, artificial-silk, cotton, wool piece goods, etc. 169,112; June 5.

Johnson, John O., doing business as J. Oliver Johnson, Chicago, Ill. Fish food for aquariums. 164,119; Feb. 13.

Johnson & Johnson, New Brunswick, N. J. Suspensory bandages. 169,636; June 26; Serial No. 175,146; published Mar. 27, 1923.

Johnson, Lawrence V., New York, N. Y. Handkerchiefs. 177,774; Dec. 25; Serial No. 184,245; published Oct. 2, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Johnson, Leonard W., doing business as Ruggles & Ruggles, Batavia, Ill. Flue cleaners. 168,752; May 29; Serial No. 171,497; published Feb. 20, 1923.

Johnson-Locke Mercantile Co., The, San Francisco, Calif. Canned and dried fruits and vegetables. 173,638; Oct. 2; Serial No. 168,314; published July 3, 1923.

Johnson, Mary W., doing business as The Johnson Electric Mfg. Co., Warren, R. I. Fittings for electric conduits. 175,828; Nov. 13; Serial No. 182,152; published Aug. 21, 1923.

Johnson, Mary W., doing business as The Johnson Electric Mfg. Co., Warren, R. I. Fittings for electric conduits. 176,073; Nov. 13; Serial No. 182,054; published Aug. 21, 1923.

Johnson, Mary W., doing business as The Johnson Electric Mfg. Co., Warren, R. I. Fittings for electric conduits. 177,620; Dec. 25; Serial No. 182,542; published Sept. 18, 1923.

Johnson, Mary W., doing business as The Johnson Electric Mfg. Co., Warren, R. I. Fittings for electric conduits. 177,716; Dec. 25; Serial No. 182,823; published Sept. 18, 1923.

Johnson Motor Co., South Bend, Ind. Outboard internal-combustion motors for small craft. 177,544; Dec. 18; Serial No. 183,385; published Oct. 2, 1923.

Johnson, Oliver W., doing business as Buddie Saw Rig Works, Geneva, Ohio. Sawing attachments for tractors. 169,362; June 12; Serial No. 175,147; published Mar. 20, 1923.

Johnson Pickett Rope Co., The; Manila, P. I. Rope, twine, cables, commercial twines, clotheslines. 170,571–2; July 17; Serial Nos. 164,920–1; published Apr. 17, 1923.

Johnson, R. D., Milling Company of Allegany County, The, Cumberland, Md. Wheat flour. 164,083; Feb. 13.

Johnson, S. C., & Son, Racine, Wis. Polishing brushes. 176,053; Nov. 13; Serial No. 182,101; published Sept. 4, 1923.

Johnson, S. C., & Son, Racine, Wis. Prepared wax and paint and varnish remover. 176,405; Nov. 27; Serial No. 182,102; published Sept. 11, 1923.

Johnson & Sons, New York, N. Y., and London, England. Photographic chemicals. 163,098; Jan. 2.

Johnson & Sons, London, England, and New York, N. Y. Photographic developer. 175,433–4; Nov. 6; Serial Nos. 166,834–5; published Aug. 14, 1923.

Johnson, W. E., doing business as Mrs. W. E. Johnson, Great Falls, Mont. Salad dressing. 173,163; Sept. 18; Serial No. 158,188; published June 19, 1923.

Johnson, Walter J., Columbus, Ohio. Carbon paper, typewriter and multigraph ribbon. 171,074; July 31; Serial No. 171,221; published Apr. 24, 1923.

Johnson, William H., Arlington, N. J. Garters. 176,140; Nov. 20; Serial No. 174,841; published July 24, 1923.

Johnson, William H., New York, N. Y., assignor to The Tin Decorating Company of Baltimore, Baltimore, Md. Paints, paint enamels, prepared shellacs, varnishes, etc. 163,750; Jan. 23.

Johnson, William H., New York, N. Y., assignor to The Tin Decorating Company of Baltimore, Baltimore, Md. Soaps, shaving soaps and creams, metal polish, etc. 163,778; Jan. 30.

Johnson, William H., New York, N. Y., assignor to The Tin Decorating Company of Baltimore, Baltimore, Md. Paints, liquid, paste, and solid; paint enamels, prepared shellacs, varnishes, etc. 164,639; Feb. 27.

Johnson, William H., New York, N. Y., assignor to The Tin Decorating Company of Baltimore, Baltimore, Md. Paper, pencils, pens, etc. 174,580; Oct. 23; Serial No. 163,987; published July 24, 1923.

Johnson, William H., New York, N. Y., assignor to The Tin Decorating Company of Baltimore, Baltimore, Md. Soaps, shaving soaps, shaving creams, metal polish, etc. 175,746; Nov. 13; Serial No. 162,928; published Aug. 8, 1922.

Johnson, William H., New York, N. Y., assignor to The Tin Decorating Company of Baltimore, Baltimore, Md. Peanut butter, butter, cereals, spices, coffee, tea, chocolate, etc. 177,645; Dec. 25; Serial No. 162,932; published Aug. 21, 1923.

Johnson, Young Hamilton, Parma, Idaho. Potatoes and head lettuce. 173,978; Oct. 2; Serial No. 171,849; published July 17, 1923.

Johnston, Eugene R., doing business as J. P. Drug Co., Doniphan, Mo. Infants' colic preparation. 167,392; May 1; Serial No. 164,168; published Jan. 2, 1923.

Johnston, James, Spokane, Wash. Coffee. 168,173; May 15; Serial No. 168,315; published Feb. 20, 1923.

Johnston, Matthew R., doing business as M. R. Johnston Coffee Co., Baltimore, Md. Coffee. 173,138; Sept. 18; Serial No. 178,256; published June 12, 1923.

Johnston, R. F., Paint Company, The, Cincinnati, Ohio. Varnish. 163,794; Jan. 30.

Johnston, R. F., Paint Company, The, Cincinnati, Ohio. Decorating outfits. 174,443; Oct. 16; Serial No. 176,631; published July 3, 1923.

Johnston, R. F., Paint Co., Cincinnati, Ohio. Oil paints. 176,816; Nov. 27.

Johnston, Robert A., Co., doing business as Johnston's, Milwaukee, Wis. Candies. 170,160; July 10; Serial No. 169,715; published Apr. 3, 1923.

Johnston, Robert A., Company, Milwaukee, Wis. Candy. 171,128; July 31; Serial No. 175,659; published May 15, 1923.

Johnston, Robert A. Company, Milwaukee, Wis. Candies. 174,136; Oct. 2.

Johnston United Chemical Co., Inc., Clare, Mich. Fly and insect mist. 169,749; July 3; Serial No. 172,224; published Mar. 27, 1923.

Jointless Fire-Brick Co., Chicago, Ill. Fire-resisting cement for forming furnace linings. 176,070; Nov. 13; Serial No. 181,568; published Sept. 4, 1923.

Joliet Manufacturing Company, Joliet, Ill. Corn shellers. 174,162; Oct. 9; Serial No. 180,223; published July 17, 1923.

Jo-Lo Rug Cleaning Mfg. Co. (See Swayne, Joseph J.)

Jones, Ada R., Bozeman, Mont. Figure ornaments for decorative purposes. 167,858; May 8; Serial No. 156,744; published Jan. 30, 1923.

Jones, Alice, New York, N. Y. Corsets. 176,364; Nov. 20.

Jones Bros. & Co., San Francisco and Watsonville, Calif. Fruit beverages sold as soft drinks and sirups used in preparation of same. 165,693; Mar. 20; Serial No. 170,023; published Jan. 2, 1923.

Jones Bros. & Co., San Francisco and Watsonville, Calif. Apple-cider vinegar. 166,987; Apr. 17.

Jones Brothers Limited, Manchester, England. Lawns. 171,970; Aug. 14.

Jones, C. B. (See Mulhearn, Caroline.)

Jones, Charles L., St. Louis, Mo. Insecticide for roaches, water bugs, ants, bedbugs, etc. 172,963; Sept. 11; Serial No. 175,084; published June 5, 1923.

Jones, Deborah A., New Bedford, Mass. Hair pomade, preparation for beautifying the hair, shampoo, etc. 170,121; July 10; Serial No. 163,991; published Mar. 27, 1923.

Jones, Evan S., Memphis, Tex. Medical compound for treating syphilis. 164,171; Feb. 13.

Jones, F. L., Co., Bangor, Me. Crackers and biscuits. 177,432; Dec. 18; Serial No. 117,980; published Sept. 25, 1923.

Jones, George C., Incorporated, New York, N. Y. Fertilizer. 174,228; Oct. 9; Serial No. 180,704; published July 10, 1923.

Jones, John F., Pomona, Calif. Piston packing rings. 174,967; Oct. 30. Serial No. 158,829; published July 31, 1923.

Jones, John T., doing business as Jones Remedy Co., Grass Valley, Calif. Preparation for relief of colds, coughs, grippe, etc. 172,772; Sept. 11; Serial No. 172,993; published July 10, 1923.

Jones, Leander C., doing business as Chef Aluminum Co., Battle Creek, Mich. Aluminum culinary utensils. 171,734; Aug. 14; Serial No. 169,907; published May 22, 1923.

Jones, Margaret V., doing business as Bi-Carma Powder Co., Clarendon, Va. Preparation for the treatment of indigestion. 164,488; Feb. 20.

Jones-McKee, Inc., New York, N. Y. Apparatus for receiving radio messages. 165,188–9; Mar. 6; Serial Nos. 168,367–8; published Nov. 7, 1922.

Jones, R. E., Company, Wabasha, Minn. Scratch, calf, dairy, horse, and hog feeds. 167,277; Apr. 24; Serial No. 150,361; published Dec. 26, 1922.

Jones, S. M., Company, The, Toledo, Ohio. Sucker rods. 166,858; Apr. 17; Serial No. 163,874; published Jan. 23, 1923.

Jones, S. M., Company, The, Toledo, Ohio. Sucker rods. 173,431; Sept. 25; Serial No. 163,876; published Dec. 19, 1922.

Jones, V. K. & A. H., & Thomas Co. Lynn, Mass. Boots and shoes. 170,737; July 24; Serial No. 173,357; published Apr. 24, 1923.

Jones, Vess, doing business as Whistle Company, New York, N. Y. Concentrated sirups for manufacture of nonalcoholic, maltless beverages, etc. 171,018; July 31; Serial No. 167,247; published May 8, 1923.

Jones, Vess, doing business as Whistle Company, New York, N. Y. Cigarettes, cigars, smoking and chewing tobacco, etc. 171,062; July 31; Serial No. 167,245; published May 8, 1923.

Jones, W., & Co., London, England. Medicinal remedy for seasickness. 168,724; May 29; Serial No. 171,804; published Feb. 20, 1923.

Jönköpings och Vulcans Tändsticksfabriksaktiebolag, Jonkoping, Sweden. Matches. 175,056; Oct. 30; Serial No. 179,273; published Aug. 7, 1923.

Jonkoping och Vulcans Tandsticksfabriksaktiebolag, Jonkoping, Sweden. Matches. 175,438; Nov. 6; Serial No. 140,463; published Aug. 28, 1923.

Jonkoping och Vulcans Tandsticksfabriksaktiebolag, Jonkoping, Sweden. Matches. 175,439; Nov. 6; Serial No. 140,455; published Aug. 28, 1923.

Jonkoping och Vulcans Tandsticksfabriksaktiebolag, Jonkoping, Sweden. Matches. 175,972; Nov. 13; Serial No. 140,435; published Aug. 28, 1923.

Jonkoping och Vulcans Tandsticksfabriksaktiebolag, Jonkoping, Sweden. Matches. 175,973; Nov. 13; Serial No. 140,437; published Sept. 4, 1923.

Jonkoping och Vulcans Tandsticksfabriksaktiebolag, Jonkoping, Sweden. Matches. 175,974; Nov. 13; Serial No. 140,439; published Sept. 4, 1923.

Jonkoping och Vulcans Tandsticksfabriksaktiebolag, Jonkoping, Sweden. Matches. 175,975; Nov. 13; Serial No. 140,444; published Sept. 4, 1923.

Jonkoping och Vulcans Tandsticksfabriksaktiebolag, Jonkoping, Sweden. Matches. 175,976–7; Nov. 13; Serial Nos. 140,446–7; published Sept. 4, 1923.

Jonkoping och Vulcans Tandsticksfabriksaktiebolag, Jonkoping, Sweden. Matches. 175,978; Nov. 13; Serial No. 140,449; published Sept. 4, 1923.

Jonkoping och Vulcans Tandsticksfabriksaktiebolag, Jonkoping, Sweden. Matches. 175,979; Nov. 13; Serial No. 140,452; published Sept. 4, 1923.

Jonkoping och Vulcans Tandsticksfabriksaktiebolag, Jonkoping, Sweden. Matches. 175,980; Nov. 13; Serial No. 140,450; published Sept. 4, 1923.

Jonkoping och Vulcans Tandsticksfabriksaktiebolag, Jonkoping, Sweden. Matches. 175,981–2; Nov. 13; Serial Nos. 140,453–4; published Sept. 4, 1923.

Jonkoping och Vulcans Tandsticksfabriksaktiebolag, Jonkoping, Sweden. Matches. 175,983–4; Nov. 13; Serial Nos. 140,456–7; published Sept. 4, 1923.

Jonkoping och Vulcans Tandsticksfabriksaktiebolag, Jonkoping, Sweden. Matches. 175,985; Nov. 13; Serial No. 140,458; published Sept. 4, 1923.

Joo, Maurice, Natchez, Miss. Preparation used in the treatment of hay fever. 164,173; Feb. 13.

Jordahn, Gus, Palm Beach, Fla. Inflatable swimming device or belt. 169,948; July 10; Serial No. 174,454; published Apr. 10, 1923.

Jordan, Geo. M., Vincennes, Ind. Wheat flour. 175,245; Oct. 30.

Jordan Marsh Company, Boston, Mass. Bindings, snap fasteners, dress shields, iron-wire hairpins, etc. 163,957; Feb. 6.

Jordan Marsh Company, Boston, Mass. Men's, women's, misses', boys', and children's boots and shoes. 164,021; Feb. 6.

Jordan Marsh Company, Boston, Mass. Men's hats—namely, straw hats and felt hats. 164,244; Feb. 13.

Jordan Marsh Company, Boston, Mass. Talking machines. 165,212; Mar. 6; Serial No. 166,454; published Nov. 28, 1922.

Jordan Marsh Company, Boston, Mass. Misses', boys', and children's shoes. 166,083; Mar. 27; Serial No. 158,237; published Jan. 2, 1923.

Jordan Marsh Company, Boston, Mass. Clothing. 166,250; Mar. 27; Serial No. 163,461; published Dec. 19, 1922.

Jordan Marsh Company, Boston, Mass. Talking-machine needles. 166,584; Apr. 10; Serial No. 172,419; published Jan. 23, 1923.

Jordan Marsh Company, Boston, Mass. Clothing. 169,290; June 12; Serial No. 164,437; published Mar. 20, 1923.

Jordan Marsh Company, Boston, Mass. Hot-water bottles and bags and syringes. 169,476; June 19; Serial No. 173,889; published Mar. 20, 1923.

Jordan Marsh Company, Boston, Mass. Men's hats, caps, shirts, underwear, etc. 169,763; July 3; Serial No. 169,490; published Apr. 3, 1923.

Jordan Marsh Company, Boston, Mass. Electric sadirons. 171,085; July 31; Serial No. 173,890; published Apr. 24, 1923.

Jordan Marsh Company, Boston, Mass. Cleaning pads for talking-machine records. 171,480; Aug. 7; Serial No. 177,977; published May 22, 1923.

Jordan Marsh Company, Boston, Mass. Albums for talking-machine records. 172,146; Aug. 21; Serial No. 177,976; published May 8, 1923.

Jordan Marsh Company, Boston, Mass. Golf balls. 172,339; Aug. 28; Serial No. 178,923; published May 29, 1923.

Jordan Marsh Company, Boston, Mass. Men's and boys' hats, caps, collars, shirts, etc. 173,563; Sept. 25.

Jordanides, Michael S., New York, N. Y. Cigarettes. 169,233; June 12; Serial No. 173,328; published Mar. 20, 1923.

Jordeau, Jean, Inc., South Orange, N. J., and New York, N. Y. Preparation for treatment of eyelashes. 171,952; Aug. 14.

Jordeau, Jean, Inc., South Orange, N. J., and New York, N. Y. Perspiration deodorant. 175,011; Oct. 30; Serial No. 177,742; published Aug. 7, 1923.

Josam Manufacturing Company, Michigan City, Ind. Floor and roof drains, and metal inserts for building construction. 164,281; Feb. 20.

Joseph Bros., doing business as United Kimono Co., New York, N. Y. Kimonos, bath robes, petticoats, etc. 174,016; Oct. 2; Serial No. 175,398; published July 10, 1923.

Joseph, I. S., Company, Minneapolis, Minn. Stock feed. 176,595; Nov. 27; Serial No. 179,151; published Sept. 11, 1923.

Joseph, S., & Son, Co., Philadelphia, Pa. Ready-mixed paints, varnishes, fillers, and shellacs. 174,235; Oct. 9; Serial No. 180,285; published July 10, 1923.

Josey-Miller Company, Beaumont, Tex. Horse and mule feed. 176,179; Nov. 20; Serial No. 176,680; published Aug. 28, 1923.

Jostam Mfg. Co., Chicago, Ill. Recoil pads for guns. 175,462; Nov. 6; Serial No. 182,515; published Aug. 28, 1923.

Journeymen Barbers' International Union of America, Indianapolis, Ind. Magazines, calendar cards, etc. 177,293; Dec. 18; Serial No. 175,247; published Oct. 2, 1923.

Jouvence Company Inc., The, New York, N. Y. Liquid for cleansing and beautifying the skin and improving the complexion. 176,319; Nov. 20; Serial No. 179,045; published July 31, 1923.

Jovis Watch Co., New York, N. Y. Watches. 169,507; June 19; Serial No. 171,498; published Mar. 27, 1923.

Joy-Jel Company, St. Joseph, Mo. Dry powder used in making jellies, jams, marmalades, and sirups. 168,717; May 29; Serial No. 163,680; published Mar. 6, 1923.

Joy Oil Co., Joy, Ill. Gasoline. 164,711; Feb. 27.

Joy Paper Products Co. (See Mayer Coating Machine Co.)

Juan Bautista Blancafort S. en C., La Garriga, Barcelona, Spain. Perforated music rolls for automatic pianos. 170,209; July 10; Serial No. 141,348; published Apr. 3, 1923.

Judee Laboratories. (See Wolcott, Herbert.)

Judkins, W. V., & Son, Boston, Mass. Silk ribbons in the piece. 173,750; Oct. 2; Serial No. 177,672; published June 26, 1923.

Judson, L. J., doing business as Guinea Products Co., Los Angeles, Calif. Ointment for the treatment of piles. 168,062; May 15; Serial No. 171,024; published Feb. 20, 1923.

Juilliard, A. D., & Co., Inc., New York, N. Y. Cotton duck and canvas piece goods. 173,749; Oct. 2; Serial No. 177,673; published June 26, 1923.

Julien, Alexander, Chicago, Ill. Mustard, tartar, and mayonnaise dressings. 166,901; Apr. 17; Serial No. 164,595; published Feb. 6, 1923.

Julin, Albert A., Chicago, Ill. Hair nets. 171,132; July 31; Serial No. 159,509; published May 1, 1923.

Jung, M., New York, N. Y. Razors and clippers, scissors, and tools, and parts thereof. 168,652; May 29; Serial No. 165,794; published Feb. 27, 1923.

Junglegym, Inc., Chicago, Ill. Playground apparatus, in particular climbing frames. 167,081; Apr. 24; Serial No. 155,408; published Jan. 30, 1923.

Junkung, John. (See American Lock Manufacturing Co., assignor.)

Just Shoe Company, The, West Alhambra, Calif. Slippers. 163,963; Feb. 6.

Justa Mfg. Co., Hugo, Okla. Washing compound. 174,640; Oct. 23; Serial No. 181,125; published July 24, 1923.

Justh Manufacturing Company, The, Cleveland, Ohio. Bed davenports, house and office chairs, rockers, and couches. 163,972; Feb. 6.

Justi, H. D., & Son, Philadelphia, Pa. Artificial teeth. 176,477; Nov. 27; Serial No. 181,028; published Sept. 18, 1923.

Justrite Manufacturing Company, Chicago, Ill. Darning devices. 164,030; Feb. 6.

Justrite Manufacturing Company, Chicago, Ill. Soldering irons. 165,010; Feb. 27.

Justrite Manufacturing Company, Chicago, Ill. Miners' acetylene lamps. 167,518; May 1; Serial No. 165,629; published Jan. 2, 1923.

Justus Brauer & Son Company, Philadelphia, Pa. Dolls, toy fish, turtles, and ducks. 163,287; Jan. 9.

Juvenile Shoe Corporation of America, The, Carthage, Mo. Boots and shoes and kid, canvas, and leather. 166,835; Apr. 17; Serial No. 170,200; published Jan. 23, 1923.

Juvenile Shoe Corporation of America, The, Carthage, Mo. Boots and shoes. 173,835; Oct. 2; Serial No. 170,199; published June 26, 1923.

Juvenile Shoe Corporation of America, The, Carthage, Mo. Boots and shoes. 173,837; Oct. 2; Serial No. 170,196; published June 26, 1923.

Juvenile Shoe Corporation of America, The, Carthage, Mo. Boots and shoes. 174,110; Oct. 2; Serial No. 170,198; published June 26, 1923.

Juvenilina Co., The. (See Yumet, Antonio.)

K. C. B. Cannery, Inc., Seattle, Wash. Canned clams. 168,875; May 29; Serial No. 170,067; published Mar. 13, 1923.

K-F Heel Company, The, Newark, Ohio. Rubber heels. 164,252; Feb. 13.

K. G. W. Laboratories, Des Moines, Iowa. Liquid preparation for the treatment of tonsillitis, colds, and diseases of a rheumatic origin. 165,587; Mar. 13; Serial No. 167,048; published Jan. 2, 1923.

K & H Products Company, The, Chicago, Ill. Flavored powders from which beverages or soft drinks are made. 175,680; Nov. 6.

K & H Products Company, Chicago, Ill. Beverage sold as a soft drink. 175,681; Nov. 6.

K. L. M. Company, New York, N. Y. Diluted Epsom salts for use in the bath. 170,984; July 24.

K. Pulling Machine Company, San Francisco, Calif. Hand and power operated stump pullers and winches. 168,684; May 29; Serial No. 169,307; published Feb. 20, 1923.

Kabushiki-Kaisha Namiki Seisakuju, Tokyo, Japan. Pens, penholders, fountain pens. 168,867; May 29; Serial No. 171,368; published Mar. 13, 1923.

Kade, Max, doing business as Seeck & Kade, New York, N. Y. Cough medicine. 163,099; Jan. 2.

Kafka, David A., doing business as Midwest Auto Specialty Mfg. Co., St. Paul, Minn. Oil gauges. 174,204; Oct. 9; Serial No. 181,029; published July 10, 1923.

Kahil, Abraham A., doing business as The Guarantie Company, New York, N. Y. Neckties, scarfs, and sweaters. 174,850; Oct. 23; Serial No. 177,492; published July 31, 1923.

Kahlbaum, C. A. F., Chemische Fabrik Gesellschaft mit beschränkter Haftung, Adlershof-Berlin, Germany. Medicinal and chemical pharmaceutical products for treating neuralgic and convulsive affections. 172,739; Sept. 11; Serial No. 168,973; published Apr. 24, 1923.

Kahlbaum, C. A. F., Chemische Fabrik Gesellschaft mit beschränkter Haftung, Adlershof-Berlin, Germany. Medicinal and pharmaceutical products for treating gouty, rheumatic, neuralgic, and migraine affections. 172,740; Sept. 11; Serial No. 168,972; published Apr. 24, 1923.

Kahles, Charles W., Queens, N. Y. Cartoon feature. 174,829; Oct. 23; Serial No. 175,871; published July 31, 1923.

Kahlor Flour Mills Company, St. Louis, Mo. Wheat flour. 177,496; Dec. 18; Serial No. 182,419; published Oct. 2, 1923.

Kahn, Emil, doing business as E. Kahn & Company, Chicago, Ill. Potatoes. 177,336; Dec. 18; Serial No. 181,640; published Oct. 2, 1923.

Kahn, Morris A., San Antonio, Tex. Lubricating oils and greases. 167,820; May 8; Serial No. 159,873; published Feb. 13, 1923.

Kahn, S. H., & Co., New York, N. Y. Cotton piece goods. 168,041–2; May 15; Serial Nos. 173,086–7; published Feb. 13, 1923.

Kahn, William P., Corporation, The, St. Louis, Mo. Chemical preparation for the treatment of the skin. 175,570; Nov. 6; Serial No. 180,980; published Aug. 21, 1923.

Kahn's, E., Sons Company, The, Cincinnati, Ohio. Lard. 176,638; Nov. 27; Serial No. 165,451; published Sept. 18, 1923.

Kahn's, E., Sons Company, The, Cincinnati, Ohio. Tankage. 176,745; Nov. 27; Serial No. 176,191; published Aug. 14, 1923.

Kahn's, E., Sons Company, The, Cincinnati, Ohio. Sausage, bacon, lard, lard compound. 177,158; Dec. 11; Serial No. 182,153; published Sept. 25, 1923.

Kaidasz, Satie, Philadelphia, Pa. Laxative. 174,872; Oct. 23; Serial No. 180,224; published July 31, 1923.

Kain & Aunger Company, The, Cleveland, Ohio. Damper regulators. 168,987; May 29.

Kajowill Mills, Reading, Pa. Hosiery for ladies. 171,779; Aug. 14; Serial No. 173,049; published May 22, 1923.

Kalasign Company of America. (See Merchants Publishing Company.)

Kalbfleisch, Adam H., near Mercedes, Tex. Fresh citrus fruits. 166,423; Apr. 3; Serial No. 164,809; published Jan. 9, 1923.

Kaleel, Naser, Memphis, Tenn. Beverage sold as a soft drink. 163,347; Jan. 9.

Kales Stamping Company, Detroit, Mich. Mirrors for motor vehicles. 170,013; July 10; Serial No. 172,597; published Apr. 3, 1923.

Kaletzky, Louis, Syracuse, N. Y. Medicine for rheumatism and backache. 174,400; Oct. 16; Serial No. 178,344; published July 17, 1923.

Kalina Company, Buffalo, N. Y. Medicinal tablets for disorders of the stomach and bowels, face and skin lotions, etc. 169,771; July 3; Serial No. 169,169; published Mar. 6, 1923.

Kalle & Co., Aktiengesellschaft, Biebrich-on-the-Rhine, Germany. Pharmaceutical product used as a deodorant antiseptic for wounds, etc. 173,150; Sept. 18; Serial No. 155,695; published Sept. 26, 1922.

Kalt, Joseph, jr., Milwaukee, Wis. Pies. 170,947; July 24; Serial No. 167,918; published Mar. 20, 1923.

Kalven & Stern, Chicago, Ill. Hosiery, underwear of knitted and textile fabric, bathing suits, shirts, etc. 164,942; Feb. 27.

Kamenstein, Meyer, Brooklyn, N. Y. Wash boilers. 164,924; Feb. 27.

Kamenstein, Meyer, Brooklyn, N. Y. Washboilers. 172,630; Sept. 11; Serial No. 145,463; published May 29, 1923.

Kamerman, Albert, doing business as Velvetine Manufacturing Company, Cleveland, Ohio. Furniture and automobile polish. 166,051; Mar. 27; Serial No. 168,473; published Nov. 14, 1922.

Kaminia Perfumery Co. (See Anglo-Indian Drug & Chemical Co.)

Kämmer & Reinhardt A. G., Waltershausen, Germany. Toys and playthings. 168,614; May 29; Serial No. 168,927; published Feb. 13, 1923.

Kammerer, Fred W., doing business as Accurate Metal Weather Strip Company, New York, N. Y. Metal weather strips. 169,010; May 29.

Kanak Company, Inc., New York, N. Y. Ice-box deodorants. 169,645; June 26; Serial No. 170,249; published Feb. 27, 1923.

Kanders Pharmacal Co., New York, N. Y. Toilet preparation for softening and whitening chapped and rough skin. 169,844; July 3; Serial No. 172,882; published Mar. 13, 1923.

Kandex Products, Incorporated, New York, N. Y., assignor to The Nucoa Butter Company. Dry products for the manufacture of confectionery, sweets, etc. 163,348; Jan. 9.

Kandle, Albert L., doing business as Muturo Mfg. Co., Richmond, Va. Hair tonic. 172,688; Sept. 11; Serial No. 158,047; published June 5, 1923.

Kane, Samuel J., doing business as Protect-O-Floor Leather Mat Co., San Francisco, Calif. Leather flexible door mat. 171,426; Aug. 7; Serial No. 171,926; published May 8, 1923.

Ka-Nix Sales Co. (See Warnick, Edward A.)

Kann, Lewis L., doing business as Kann Manufacturing Co., New York, N. Y. Shoes made of leather and fabric and a combination of said materials. 170,411; July 17; Serial No. 173,426; published Apr. 3, 1923.

Kann, William L., Pittsburgh, Pa. Lumber, both finished and unfinished. 174,412; Oct. 16; Serial No. 174,661; published June 26, 1923.

Kann, William L., Pittsburgh, Pa. Oranges, bananas, mangoes, canned vegetables, etc. 176,529; Nov. 27; Serial No. 182,824; published Sept. 18, 1923.

Kansas City Macaroni & Importing Co., doing business as The Abbreviated Kansas City Macaroni Co., Kansas City, Mo. Macaroni, spaghetti, macaroni shells, vermicelli, egg noodles, etc. 171,169; July 31; Serial No. 171,325; published May 1, 1923.

Kansas City Macaroni & Importing Co., Kansas City, Mo. Shell-shaped macaroni. 172,071; Aug. 21; Serial No. 177,303; published May 29, 1923.

Kansas City Refining Sales Company, Kansas City, Kans. Lubricating oils, greases, and gasoline. 169,638; June 26; Serial No. 175,248; published Mar. 27, 1923.

Kansas-Texas Petroleum Co., The, Wichita, Kans. Lubricating and heat, power, and light producing oils, and gasoline. 169,916; July 3, 1923.

Kanter, David I., Chicago, Ill. Corn remedy. 173,168; Sept. 18; Serial No. 173,221; published May 15, 1923.

Kantes, George, Atlanta, Ga. Candy. 171,736; Aug. 14; Serial No. 169,764; published May 15, 1923.

Kant-Foul Spark Plug Company, Topeka, Kans. Spark plugs. 177,593; Dec. 18.

Kant-Skore Piston Company, The, Cincinnati, Ohio. Pistons. 166,980; Apr. 17.

Kant-Skore Piston Company, The, Cincinnati, Ohio. Pistons. 174,737; Oct. 23; Serial No. 152,207; published May 16, 1922.

Kaplan, Harry E., doing business as H. E. Kaplan & Co., Chicago, Ill. Finger rings. 174,887; Oct. 23; Serial No. 180,435; published July 10, 1923.

Kaplan, Harry E., doing business as H. E. Kaplan & Co., Chicago, Ill. Finger rings. 175,930; Nov. 13; Serial No. 180,436; published Aug. 28, 1923.

Kaplan, Jacob, New York, N. Y. Baby bath robes. 166,632; Apr. 10; Serial No. 168,218; published Jan. 9, 1923.

Kaplan, Martin, Brooklyn, N. Y. Medicines and pharmaceutical preparations. 177,055; Dec. 11; Serial No. 180,125; published Sept. 18, 1923.

Kaplan, Samuel, Philadelphia, Pa. Men's shirts. 172,155; Aug. 21.

Kappeler, Charles, St. Paul, Minn. Cow-hoof trimmers. 170,269; July 10; Serial No. 174,396; published Apr. 17, 1923.

Karas, Kyriakos, Brooklyn, N. Y. Liquid preparation for internal use in the treatment of asthma. 169,978; July 10; Serial No. 166,836; published Apr. 10, 1923.

Karasik, Holleb & Co., Chicago, Ill. Canned vegetables, fruits, and fish, spices, etc. 171,411; Aug. 7; Serial No. 172,881; published May 15, 1923.

Karda, Václav C., New York, N. Y. Animal traps. 169,211; June 12; Serial No. 167,878; published Mar. 13, 1923.

Karlin, Hyman, doing business as H. Karlin Co., New York, N. Y. Olive oil. 173,784; Oct. 2; Serial No. 176,550; published July 3, 1923.

Karlin, Hyman, New York, N. Y. Olive oil. 175,860; Nov. 13; Serial No. 175,497; published Aug. 14, 1923.

Karlson, Gordonville & Johnson, Incorporated, New York, N. Y. Yearly almanacs. 169,540; June 19; Serial No. 169,762; published Mar. 20, 1923.

Karlsruher Parfumerie- & Toiletteseifen-Fabrik F. Wolff & Sohn, G. m. b. H., Karlsruhe, Germany. Perfume, toilet water, hair tonic, etc. 169,999; July 10; Serial No. 152,758; published Apr. 3, 1923.

Karlsruher Parfümerie- & Toiletteseifen-Fabrik, F. Wolff & Sohn, Gesellschaft mit beschränkter Haftung, Karlsruhe, Germany. Toilet soap and shaving powder to be used in place of shaving soap. 171,096; July 31; Serial No. 173,710; published Apr. 24, 1923.

Karmol Laboratory. (See Cleves, William B.)

Karnes, E. L., doing business as The Puritol Company, Kansas City, Mo. Meat preservative, flavoring and coloring compound in liquid form. 167,930; May 8; Serial No. 171,369; published Feb. 13, 1923.

Karp, George, & Son. (See Karp, George.)

Karp, George, doing business as George Karp & Son, Long Island City, N. Y. Cigar and cigarette humidors. 168,763; May 29; Serial No. 173,088; published Feb. 27, 1923.

Karp, Joseph H., New York, N. Y. Bleaches for hats, shoes, and fabrics, tooth and skin bleaches, etc. 167,878; May 8; Serial No. 167,178; published Feb. 6, 1923.

Karp, Joseph H., New York, N. Y. Nail bleach, nail polish, cold cream, sachet powder, lip stick, etc. 167,853; May 8; Serial No. 163,886; published Feb. 6, 1923.

Karp, Samuel D., Inc., New York, N. Y. Boys' camp suits. 169,291; June 12; Serial No. 164,501; published Mar. 20, 1923.

Karton, Harry, doing business as Purity Chemical Co., Philadelphia, Pa. Face powder, rouge, toilet creams, toilet powder, perfumes, and sachet powder. 167,411; May 1; Serial No. 168,417; published Jan. 23, 1923.

Kasco Mills, Inc., Waverly, N. Y. Dairy feed and rations. 172,944; Sept. 11; Serial No. 158,872; published June 5, 1923.

Kasdum Flour Company. (See Grossman, Joseph.)

Käseexport A. G. Goldbach (Emmenthal), Goldbach, near Burgdorf, Switzerland. Cheese and preserved cheese. 165,079; Mar. 6; Serial No. 158,769; published Oct. 17, 1922.

Kastor, Adolph, & Bros., New York, N. Y. Razors and scissors. 166,651; Apr. 10; Serial No. 159,972; published May 9, 1922.

Katagi, Tamekichi, Seattle, Wash. Electrical stop and direction signal light systems for vehicles. 174,785; Oct. 23; Serial No. 145,110; published July 24, 1923.

Kateela Company, The. (See Friedman, Ike K.)

Katharmon Chemical Company, St. Louis, Mo. Proprietary medicines. 21,996; renewed Nov. 15, 1922.

Katten, Arthur A., Co., New Orleans, La. Children's overalls. 174,300; Oct. 9.

Kattulas and Sotos, Williamsport, Pa. Medical compounds for the treatment of rheumatism. 176,378; Nov. 27; Serial No. 177,674; published Aug. 28, 1923.

Katz, Sigmund, doing business as Diamond Star Products Co., New York, N. Y. Pure malt extracts. 167,179; Apr. 24; Serial No. 172,048; published Jan. 30, 1923.

Katz, Sigmund, doing business as Bluebell Malt Co., New York, N. Y. Pure malt extracts. 173,208; Sept. 18; Serial No. 172,047; published June 19, 1923.

Katzinger, Edward, Company, Chicago, Ill. Baking pans. 167,242; Apr. 24; Serial No. 173,192; published Feb. 6, 1923.

Katzinger, Edward, Company, Chicago, Ill. Baking pans. 167,245–6; Apr. 24; Serial Nos. 171,577–8; published Feb. 6, 1923.

Kaufman-Clifford, Inc., Chicago, Ill. Magazines published monthly. 173,804; Oct. 2; Serial No. 173,331; published June 26, 1923.

Kaufman, Fred, New York, N. Y. Watches and parts thereof. 174,683; Oct. 23; Serial No. 179,796; published July 24, 1923.

Kaufman, J., & Sons, New York, N. Y. Boys' sport caps. 172,754; Sept. 11; Serial No. 175,499; published June 5, 1923.

Kaufman, Solomon, Baltimore, Md. Infants' and children's hand and machine knitted sweaters, sacks, bootees, caps, etc. 163,846; Jan. 30.

Kaufmann Bros., New York, N. Y. Hair nets. 164,989; Feb. 27.

Kaufmann Bros., New York, N. Y. Hair nets. 166,126; Mar. 27; Serial No. 153,554; published Jan. 16, 1923.

Kaufmann Bros., New York, N. Y. Hair nets. 166,162; Mar. 27; Serial No. 153,555; published Jan. 16, 1923.

Kaufmann, Henry L., Boston, Mass. Hospital sundries. 168,796; May 29; Serial No. 142,345; published Dec. 19, 1922.

Kaupke Coffee Company, Cedar Rapids, Iowa. Spices, coffee, etc. 177,027; Dec. 11; Serial No. 163,337; published Sept. 25, 1923.

Kautzky, Joe, & Sons, Fort Dodge, Iowa. Fish bait. 164,825; Feb. 27.

Kavanaugh, George W., Inc., New York, N. Y. Cotton sheetings and cloths in bolts. 170,602; July 17; Serial No. 134,825; published Feb. 11, 1922.

Kay Brothers Limited, Stockport, England. Fly papers and flycatchers. 165,088; Mar. 6; Serial No. 156,640; published May 16, 1922.

Kayack, Frederick L., New York, N. Y. Salad dressing. 170,262; July 10; Serial No. 170,435; published Apr. 3, 1923.

Kayline Company. (See Klein, Benjamin F.)

Kaynee Company, The, Cleveland, Ohio. Children's and youths' one-piece pyjamas. 168,108; May 15; Serial No. 126,219; published Feb. 13, 1923.

Kaynee Company, The, Cleveland, Ohio. Youths' dress, negligee, and work shirts. 168,351; May 22; Serial No. 126,223; published Feb. 13, 1923.

Kaynee Company, The, Cleveland, Ohio. Children's undergarments. 168,788; May 29; Serial No. 126,220; published Feb. 13, 1923.

Kaynee Company, The, Cleveland, Ohio. Children's rompers and play garments. 171,190; July 31; Serial No. 126,221; published May 1, 1923.

Kaynee Company, The, Cleveland, Ohio. Overalls. 171,191; July 31; Serial No. 126,222; published May 1, 1923.

Kayser, Charles W., & Co. (See Kayser, Charles W.)

Kayser, Charles W., doing business as Charles W. Kayser & Co., San Francisco, Calif. Textile rugs. 165,757; Mar. 20; Serial No. 170,530; published Jan. 2, 1923.

Kayser, Julius, & Co., New York, N. Y. Stockings. 164,142; Feb. 13.

Keane Provision Co., Washington, D. C. Sausage and sausage meats. 173,853; Oct. 2; Serial No. 175,085; published July 3, 1923.

Keck, Will G., Kecksburg, Pa. Beverage sold as soft drinks and sirups for making the same. 168,930; May 29; Serial No. 173,770; published Mar. 13, 1923.

Kee Lox Manufacturing Company, Rochester, N. Y. Carbon paper. 172,001; Aug. 21; Serial No. 153,297; published May 8, 1923.

Kee Lox Manufacturing Company, Rochester, N. Y. Carbon paper. 172,268; Aug. 28; Serial No. 177,384; published May 15, 1923.

Keehn Brothers, Chicago, Ill. Leather shoes. 164,240; Feb. 13.

Keeley Stove Company, The, Columbia, Pa. Cooking and heating stoves and ranges, furnaces, and hot-water heaters. 172,839; Sept. 11; Serial No. 178,393; published June 5, 1923.

Keeley Stove Company, The, Columbia, Pa. Coal, wood, and gas cooking and heating stoves and ranges and furnaces and heaters. 175,783; Nov. 13; Serial No. 178,392; published Sept. 4, 1923.

Keely & Watson, New York, N. Y. Woolen piece goods. 172,617; Sept. 11; Serial No. 164,852; published June 5, 1923.

Keetle and Keetle, Ashland, Nebr. Preparation for the treatment of fistula. 175,641; Nov. 6; Serial No. 179,604; published Aug. 14, 1923.

Keferstein, Starr & Co., Inc., New York, N. Y. Sealing wax. 176,061; Nov. 13; Serial No. 180,800; published Sept. 4, 1923.

Kehlor Flour Mills Co., St. Louis, Mo. Breakfast cereal. 167,120; Apr. 24; Serial No. 164,922; published Dec. 19, 1922.

Kehlor Flour Mills Company, St. Louis, Mo. Wheat flour. 172,447; Aug. 28; Serial No. 171,927; published May 1, 1923.

Kehoe Preserving Company, Terre Haute, Ind. Canned vegetables. 163,349; Jan. 9.

Kehoe Preserving Company, Terre Haute, Ind. Vegetable seeds. 176,434; Nov. 27; Serial No. 176,521; published July 3, 1923.

Kehr, Ernest, Richmond Hill, New York, N. Y. Cough lozenges. 170,393; July 17; Serial No. 171,326; published Apr. 10, 1923.

Keiper, A. August, doing business as Keiper Candy Co., Wilkes-Barre, Pa. Candy and a candied sweetmeat—namely, popcorn. 167,691; May 8; Serial No. 160,014; published Feb. 13, 1923.

Keiper Candy Co. (See Keiper, A. August.)

Keith, Geo. E., Company, Brockton, Mass. Leather boots and shoes. 170,219; July 10; Serial No. 152,760; published Apr. 3, 1923.

Keith, Geo. E., Company, Brockton, Mass. Boot and shoe tips and counters. 176,023; Nov. 13; Serial No. 177,675; published July 24, 1923.

Kekas, Panagiota, New York, N. Y. Eyedrops. 167,636; May 1; Serial No. 166,600; published Dec. 26, 1922.

Kekionga Scalp Tonic Company. (See Callow, Horace F.)

Keller, George E., Laboratories, Huxley, Iowa. Flour made of cornstarch, carbonate of magnesia, vitamines, and wheat flour. 167,076; Apr. 24; Serial No. 156,495; published Feb. 6, 1923.

Keller Knitting Company, The, Cleveland, Ohio. Knitted sweaters and caps. 168,314; May 22; Serial No. 168,530; published Dec. 19, 1922.

Keller, Matthew F., doing business as Springfield Paint & Varnish Co., Springfield, Ohio. Paints, enamels, colors, etc. 174,981; Oct. 30; Serial No. 137,528; published Aug. 14, 1923.

Keller-Snelson Co., Vinita, Okla. Remedy for dandruff. 165,846; Mar. 20; Serial No. 168,265; published Jan. 2, 1923.

Kelley, Frederick W., Glenwood, Iowa. Medicinal preparation used in the treatment of galls, sores, etc., on horses. 177,232; Dec. 11; Serial No. 181,601; published Sept. 18, 1923.

Kelley Island Lime & Transport Company, The. (See Marble Head Lime Co., assignor.)

Kelley, Lucille B., doing business as Jimmy Boy Doll Co., Sidney, Ohio. Dolls. 171,122; July 31; Serial No. 175,660; published Apr. 24, 1923.

Kellogg Company, Battle Creek, Mich. Coffeelike beverage. 174,517; Oct. 16; Serial No. 177,914; published July 24, 1923.

Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone extension arms. 166,127; Mar. 27; Serial No. 124,409; published Oct. 31, 1922.

Kellogg Toasted Corn Flake Co., Battle Creek, Mich. Cereal breakfast food. 170,696 July 24; Serial No. 156,905; published Mar. 20, 1923.

Kellogg Toasted Corn Flake Co., Battle Creek, Mich. Cereal breakfast foods. 176,726; Nov. 27; Serial No. 172,884; published July 24, 1923.

Kellom, Charles F., doing business as Chas. F. Kellom & Co., Philadelphia, Pa. Crude oil, gasoline, and kerosene. 172,366; Aug. 28; Serial No. 161,840; published May 29, 1923.

Kellum Company, The, Kansas City, Mo. Coffee. 164,881; Feb. 27.

Alphabetical list of registrants of trade-marks—Continued.

Kellum Company, The, Kansas City, Mo. Coffee. 177,777; Dec. 25; Serial No. 184,136; published Oct. 9, 1923.
Kelly Axe Manufacturing Company, Charleston, W. Va. Hammers. 175,128; Oct. 30; Serial No. 180,666; published Aug. 7, 1923.
Kelly, Douglas & Co., Vancouver, British Columbia, Canada. Tea. 174,732; Oct. 23; Serial No. 159,755; published Mar. 6, 1923.
Kelly, F., Company, The, Derby, Conn. Safety pins. 167,750; May 8; Serial No. 170,686; published Jan. 9, 1923.
Kelly Feature Film Co. (See Kelly, James T.)
Kelly, James T., doing business as Kelly Feature Film Co., Los Angeles, Calif. Motion-picture films issued serially. 168,135; May 15; Serial No. 170,652; published Feb. 20, 1923.
Kelly-Lester Milk Company, Philadelphia, Pa. Raw milk, raw cream, butter, milk, and cottage cheese. 172,610; Sept. 11; Serial No. 168,717; published June 5, 1923.
Kelly, R. A., Co., The, Xenia, Ohio. Rope and hard-fiber sisal and manila hemp cordage. 163,101; Jan. 2.
Kelly-Springfield Tire Company, New York, N. Y. Resilient vehicle tires. 169,306; June 12; Serial No. 168,046; published Mar. 27, 1923.
Kelsey, Arthur T., Mecklenburg, N. Y. Wheat, Graham, and buckwheat flour and corn meal. 172,492; Aug. 28.
Kelsey Textile Corporation, New York, N. Y. Cotton piece goods. 163,350; Jan. 9.
Kelsey Textile Corporation, New York, N. Y. Cotton piece goods. 172,909; Sept. 11; Serial No. 179,275; published June 5, 1923.
Kelsey Textile Corporation, New York, N. Y. Cotton piece goods. 177,076–7; Dec. 11; Serial Nos. 183,747–8; published Sept. 18, 1923.
Kelsey Textile Corporation, New York, N. Y. Cotton piece goods. 177,081; Dec. 11; Serial No. 183,749; published Sept. 18, 1923.
Kemoshyne Products, Inc., Camden, N. J. Preparation for cleaning and polishing bathtubs, washstands, etc. 174,990; Oct. 30; Serial No. 173,838; published Aug. 7, 1923.
Kemp Bros. Packing Co., Frankfort, Ind. Canned vegetables. 163,438; Jan. 9.
Kemp, Walter D., New York, N. Y. Sandwichlike product. 177,144; Dec. 11; Serial No. 155,352; published Sept. 18, 1923.
Kemper, Chas. M., doing business as Radio Products Company, Westport, Conn. Radio telegraph and telephone apparatus and appliances. 168,806; May 29; Serial No. 169,909; published Feb. 20, 1923.
Kempner, Louis, Company. (See Kempner, Louis.)
Kempner, Louis, doing business as Florence Knitting Mills and Louis Kempner Company. Knitted fabrics in the piece. 163,872; Feb. 6.
Kendall Mfg. Co., Providence, R. I. Soaps. 170,496; July 17; Serial No. 170,487; published Apr. 24, 1923.
Kendrick, James R., Co. Inc., Philadelphia, Pa. Knitted elastic fabric in the piece. 174,957; Oct. 30; Serial No. 162,678; published Aug. 7, 1923.
Kenilworth Manufacturing Co. Inc., New York, N. Y. Knickerbockers or bloomers. 166,661; Apr. 10; Serial No. 164,923; published Dec. 19, 1922.
Kenilworth Manufacturing Co. Inc., New York, N. Y. Knickerbockers or bloomers. 166,673; Apr. 10; Serial No. 165,553; published Dec. 19, 1922.
Kenilworth Manufacturing Co. Inc., New York, N. Y. Knickerbockers or bloomers to be worn as outer garments or undergarments. 173,334; Sept. 25; Serial No. 170,887; published June 26, 1923.
Kenlit Mfg. Co., Medford, Mass. Textile-fabric sheeting coated with compositions. 169,271; June 12; Serial No. 152,076; published Feb. 27, 1923.
Kennard, Victor P., Greenland, N. H. Jellies. 173,860; Oct. 2; Serial No. 176,130; published July 3, 1923.
Kennard, Victor P., Greenland, N. H. Jellies. 176,153; Nov. 20; Serial No. 169,976; published Aug. 28, 1923.
Kennedy, Colin B., Company, The, St. Louis, Mo. Radio receiving sets and parts therefor. 175,889; Nov. 13; Serial No. 180,706; published Aug. 21, 1923.
Kennedy, Colin B., Company, The, St. Louis, Mo. Radio receiving sets and parts therefor. 177,671; Dec. 25; Serial No. 180,705; published Oct. 19, 1923.
Kennedy, David E., Inc., New York, N. Y. Linoleum flooring. 166,996; Apr. 17.
Kennedy-Poole Company, San Francisco, Calif. Butter and eggs. 165,386; Mar. 6; Serial No. 160,413; published Nov. 14, 1922.
Kennedy, P. S., & Company. (See Kennedy, Philip S.)
Kennedy, Philip S., doing business as P. S. Kennedy & Company, Hartford, Conn. Coffee. 163,690; Jan. 23.
Kennedy Valve Mfg. Co., The, Elmira, N. Y. Fire hydrants, indicator posts, gate valves, etc. 171,709–10; Aug. 14; Serial Nos. 156,088–9; published May 22, 1923.
Kennedy, William T., doing business as Pacific Rim Tool Co., Cleveland, Ohio. Rim tools. 175,667; Nov. 6.
Kenny, C. D., Company, Baltimore, Md. Coffee. 174,515; Oct. 16; Serial No. 178,257; published July 24, 1923.
Kenton Baking Powder Company, The, Cincinnati, Ohio. Baking powder. 165,570; Mar. 13; Serial No. 161,260; published Nov. 7, 1922.
Kent-Costikyan Trading Company Inc., New York, N. Y. Textile rugs. 170,774; July 24; Serial No. 175,661; published Apr. 24, 1923.
Kent Machine Works, Inc., Brooklyn, N. Y. Jacks. 169,327; June 12; Serial No. 174,578; published Mar. 20, 1923.
Kent, Michael W., doing business as Kent Company, Kansas City, Mo. Dentifrice. 173,988; Oct. 2; Serial No. 178,724; published July 17, 1923.
Kent-Owens Machine Company, The, Toledo, Ohio. Nonferrous casting alloy. 169,295; June 12; Serial No. 166,077; published Mar. 20, 1923.
Kentucky Fluor Spar Co., Marion, Ky. Ground, lump, and gravel fluorspar. 168,754; May 29; Serial No. 171,541; published Feb. 13, 1923.
Kentucky Fruit Laxative Co. Inc., St. Louis, Mo. Laxative medicine. 169,571; June 19.
Kentucky Rock Asphalt Co., Louisville, Ky. Asphalt. 172,147; Aug. 21; Serial No. 178,047; published May 29, 1923.
Kenyon, C., Company, Inc., Brooklyn, N. Y. Rubber tires and tubes. 168,357; May 22; Serial No. 165,960; published Feb. 20, 1923.
Keokuk Canning Company, Keokuk, Iowa. Canned tomatoes and preserved pickles. 176,611; Nov. 27; Serial No. 179,276; published Sept. 11, 1923.
Kerite Insulated Wire & Cable Company, Inc., The, Seymour, Conn., and New York, N. Y. Insulated wire and cables. 172,336; Aug. 28; Serial No. 178,107; published May 29, 1923.
Kerite Insulated Wire & Cable Company, Inc., The, Seymour, Conn., and New York, N. Y. Insulated wire and cables. 174,600; Oct. 23; Serial No. 178,106; published July 24, 1923.
Kermes, Max, Hainichen, Germany. Medical and surgical bandages. 169,595; June 26; Serial No. 137,944; published Mar. 27, 1923.
Kermul Products, Inc., New York, N. Y. Wonder soap, body wash, floor cleanser, glass polish, metal polish, etc. 170,563; July 17; Serial No. 173,968; published Apr. 24, 1923.
Kern, George, Inc., New York, N. Y. Food product consisting of tongues of animals. 166,508; Apr. 3; Serial No. 163,450; published Jan. 9, 1923.
Kerr Chickeries Incorporated, The, Frenchtown, N. J. Live chicks. 168,596; May 29; Serial No. 164,763; published Feb. 27, 1923.
Kerr, Geo. F., doing business as The Arium Co., assignor to Associated Radium Chemists, Inc., New York, N. Y. General tonic in tablet form. 164,426; Feb. 20.
Kerr, John W., doing business as Sin-O'Lor Chemical Company, Inc., Los Angeles, Calif. Disinfectants and antiseptics. 163,102; Jan. 2.
Kerr Turbine Co., Wellsville, N. Y. Turbines and reduction gears. 173,928; Oct. 2; Serial No. 177,978; published July 10, 1923.
Kersburg, Leonard J., New York, N. Y. Bracelets not made of precious metals. 165,225; Mar. 6; Serial No. 165,139; published Nov. 14, 1922.
Kett, R. G., Co. (See Kett, Rudolph G.)
Kett, Rudolph G., doing business as R. G. Kett Co., Milwaukee, Wis. Preparation for the treatment of goiter. 167,453; May 1; Serial No. 162,116; published Jan. 9, 1923.
Keuffel & Esser Co., Hoboken, N. J., and New York, N. Y. Proportional dividers. 23,640; renewed Sept. 19, 1923.
Kevil Cereal Company, Princeton, Ky. Cereals made from wheat bran, honey, and salt. 170,803; July 24; Serial 169,550; published Feb. 27, 1923.
Kewanee Boiler Company, Kewanee, Ill. Boilers, garbage burners, heaters, and tanks. 166,368; Apr. 3; Serial No. 170,070; published Nov. 28, 1922.
Key Chemical Company, Washington, D. C. Expectorant compound for treatment of coughs, colds, etc. 163,234; Jan. 2.
Key Chemical Co., Washington, D. C. Skin lotion. 165,677; Mar. 20; Serial No. 166,378; published Nov. 7, 1922.
Key Chemical Co., Washington, D. C. Preparation for the treatment of headache, neuralgia, nervousness, etc. 165,679; Mar. 20; Serial No. 166,375; published Dec. 12, 1922.
Key Chemical Co., Washington, D. C. Catarrh cream, nasal spray, preparation for removing corns. 165,678; Mar. 20; Serial No. 166,376; published Jan. 2, 1923.
Keydel Co., The. (See Keydel, Oscar F.)
Keydel, Oscar F., doing business as The Keydel Co., Detroit, Mich. Window wipers. 167,058; Apr. 24; Serial No. 160,612; published Feb. 6, 1923.
Keynote Manufacturing Co. Inc., Indianapolis, Ind. Cooling chest. 170,473; July 17; Serial No. 171,086; published Apr. 10, 1923.
Keynote Manufacturing Co. Inc., Indianapolis, Ind. Septic tanks. 174,363; Oct. 16; Serial No. 176,480; published July 17, 1923.
Keys Piston Ring Co., St. Louis, Mo. Piston rings. 165,226; Mar. 6; Serial No. 164,925; published Nov. 14, 1922.

Alphabetical list of registrants of trade-marks—Continued.

Keystone Consolidated Publishing Company, Pittsburgh, Pa. Industrial and trade directories, directories of one or more specific industries, and combined catalogues. 169,086; June 5; Serial No. 173,288; published Feb. 27, 1923.

Keystone Flour Company, Clearfield, Pa. Wheat flour. 167,219; Apr. 24; Serial No. 163,336; published Jan. 30, 1923.

Keystone Fruit Products Company, Cincinnati, Ohio. Preserved fruit. 173,945; Oct. 2; Serial No. 177,607; published July 17, 1923.

Keystone Fruit Products Company, Cincinnati, Ohio. Bakers' vanilla, tomato bouillon, cocoa paste, etc. 176,651; Nov. 27; Serial No. 143,501; published Aug. 28, 1923.

Keystone Lubricating Company, Philadelphia, Pa. Lubricants. 166,504; Apr. 3; Serial No. 163,045; published Sept. 19, 1922.

Keystone Lubricating Company, Philadelphia, Pa. Lubricants comprising oils and greases. 171,209; July 31. Serial No. 178,511; published May 15, 1923.

Keystone Lubricating Company, Philadelphia, Pa. Lubricants comprising oils and greases. 171,210; July 31; Serial No. 178,509; published May 15, 1923.

Keystone Lubricating Company, Philadelphia, Pa. Lubricants. 171,284; Aug. 7; Serial No. 178,512; published May 15, 1923.

Keystone Lubricating Company, Philadelphia, Pa. Lubricants. 171,285–7; Aug. 7; Serial Nos. 178,514–16; published May 15, 1923.

Keystone Lubricating Company, Philadelphia, Pa. Lubricants. 171,288; Aug. 7; Serial No. 178,519; published May 15, 1923.

Keystone Lubricating Company, Philadelphia, Pa. Lubricants. 171,290; Aug. 7; Serial No. 178,741; published May 15, 1923.

Keystone Lubricating Company, Philadelphia, Pa. Lubricants. 171,541–2; Aug. 7; Serial Nos. 178,520–1; published May 15, 1923.

Keystone Lubricating Company, Philadelphia, Pa. Lubricants. 171,543–4; Aug. 7; Serial Nos. 178,517–18; published May 15, 1923.

Keystone Lubricating Company, Philadelphia, Pa. Lubricants. 171,545; Aug. 7; Serial No. 178,508; published May 15, 1923.

Keystone Lubricating Company, Philadelphia, Pa. Grease and oil cups and lubricators. 175,062; Oct. 30; Serial No. 179,005; published Aug. 14, 1923.

Keystone Lubricating Company, Philadelphia, Pa. Lubricants. 175,704; Nov. 6.

Keystone Manufacturing Co., The, Buffalo, N. Y. Stud drivers, pipe and nut wrenches, drilling posts, etc. 166,836; Apr. 17; Serial No. 169,716; published Jan. 9, 1923.

Keystone Perfume Company. (See Vail Brothers.)

Keystone Publishing Co., Philadelphia, Pa. Monthly magazine. 175,804; Nov. 13; Serial No. 179,374; published Aug. 28, 1923.

Keystone Steel and Wire Company, Bartonville, Peoria, Ill. Plain galvanized wire and galvanized telephone wire. 176,325; Nov. 20; Serial No. 184,731; published Sept. 18, 1923.

Keystone Steel & Wire Company, Bartonville, Peoria, Ill. Wire fence and barbed wire. 176,327; Nov. 20; Serial No. 180,935; published Sept. 18, 1923.

Keystone Steel & Wire Company, Bartonville, Peoria, Ill. Wire fence and barbed wire. 176,328; Nov. 20; Serial No. 183,655; published Sept. 18, 1923.

Keystone Steel & Wire Company, Bartonville, Peoria, Ill. Plain galvanized wire and galvanized telephone wire. 176,329; Nov. 20; Serial No. 184,730; published Sept. 18, 1923.

Keystone Varnish Company, Brooklyn, N. Y. Preparation to be used in the manufacture of floor paints, enamels, etc. 167,338; Apr. 24.

Keystone Varnish Company, Brooklyn, N. Y. Preparation used in the manufacture of floor paints, enamels, etc. 170,610; July 17; Serial No. 176,351; published Apr. 17, 1923.

Keystone Watch Case Company, The, Philadelphia, Pa. Watches, watchcases, and watch movements. 165,331; Mar. 6; Serial No. 156,639; published Nov. 7, 1922.

Keystone Watch Case Company, The, Philadelphia, Pa. Watches, watchcases, and watch movements. 165,403–5; Mar. 6; Serial Nos. 156,636–8; published Nov. 7, 1922.

Khedival Company, The, New York, N. Y. Cigarettes. 168,306; May 15.

Kibbe Brothers Company, Springfield, Mass. Chocolates. 168,623–4; May 29; Serial Nos. 167,723–4; published Mar. 6, 1923.

Kickbusch, A., Grocery Company, Wausau, Wis. Canned fruits and vegetables, coffee, tea, and prepared mustard. 172,066; Aug. 21; Serial No. 177,387; published May 29, 1923.

Kidd and Company, Inc., Chicago, Ill. Peanut butter. 175,777; Nov. 13; Serial No. 177,304; published Aug. 14, 1923.

Kidd, Loren C., doing business as Chester Medical Company, Seattle, Wash. Medical compounds for the treatment of intestinal indigestion, constipation, etc. 166,079; Mar. 27; Serial No. 158,984; published Oct. 10, 1922.

Kidder, Samuel, & Co. Inc., Boston, Mass. Asthmatic pastils. 169,650; June 26; Serial No. 168,974; published Mar. 20, 1923.

Kiddie Coat Manufacturing Co., New York, N. Y. Infants' and girls' coats. 166,649; Apr. 10; Serial No. 161,078; published Jan. 23, 1923.

Kiddie-Town Products, Inc., Seneca Falls, N. Y. Crib bed. 168,912; May 29; Serial No. 156,067; published Feb. 27, 1923.

Kids Nobby Klothes, Inc., New York, N. Y. Boys' suits and topcoats. 168,551; May 23; Serial No. 160,067; published Feb. 27, 1923.

Kieley & Mueller, Inc., New York, N. Y. Valves, traps, and regulators. 176,551; Nov. 27; Serial No. 183,071; published Sept. 11, 1923.

Kilbourne & Jacobs Manufacturing Company, The, Columbus, Ohio. Wheelbarrows and parts thereof. 167,899; May 8; Serial No. 168,845; published Feb. 6, 1923.

Killfeather, Gertrude, Spokane, Wash. Young girls' dresses. 177,279; Dec. 11; Serial No. 183,157; published Sept. 25, 1923.

Killian, W. H., Co., The, Baltimore, Md. Foodstuffs preserved in hermetically-sealed containers. 172,287; Aug. 28; Serial No. 167,179; published May 8, 1923.

Kil-Tone Company, The, Vineland, N. J. Insecticide. 173,099; Sept. 18; Serial No. 177,130; published June 12, 1923.

Kil-Tone Company, The, Vineland, N. J. Insecticide and fungicide. 176,379; Nov. 27; Serial No. 177,561; published Aug. 7, 1923.

Kilzol Products Company, The, New York, N. Y. Insecticides, disinfectants, and deodorizers. 170,818; July 24; Serial No. 171,274; published Apr. 24, 1923.

Kimball, C. M., Company, Winthrop, Mass. Ammonia. 167,934; May 8; Serial No. 172,000; published Feb. 20, 1923.

Kimball, C. M., Company, Winthrop, Mass. Ammonia. 168,394; May 22; Serial No. 171,805; published Feb. 20, 1923.

Kimball, Harold C., New York, N. Y. Men's, women's, and children's shoes, boots, slippers, moccasins, etc. 165,296; Mar. 6; Serial No. 165,293; published Nov. 7, 1922.

Kimbalton Lime Company, Inc., Kimballton, Va. Lime. 170,497; July 17; Serial No. 170,822; published Apr. 17, 1923.

Kimberly-Clark Company, Neenah, Wis. Book paper. 163,945–6; Feb. 6.

Kimberly-Clark Company, Neenah, Wis. Book papers. 170,320–2; July 10; Serial Nos. 175,662–4; published Apr. 3, 1923.

Kimble Glass Company, Chicago, Ill., and Vineland, N. J. Graduated, chemical, and laboratory glassware. 164,311; Feb. 20.

Kin, Yamei, New York, N. Y. Curd meat from the soyer. 170,712; July 24; Serial No. 131,177; published Apr. 24, 1923.

King Candy Co., Fort Worth, Tex. Candies. 170,382; July 17; Serial No. 172,113; published Apr. 10, 1923.

King Candy Co., Fort Worth, Tex. Candies. 171,257; July 31; Serial No. 169,551; published May 1, 1923.

King Coal Company, San Francisco, Calif. Coal. 169,816; July 3; Serial No. 167,966; published Apr. 3, 1923.

King Coffee Products Corporation, Detroit, Mich. Soluble coffee. 165,912; Mar. 20.

King Feature Syndicate, Inc., New York, N. Y. Cartoons. 163,775; Jan. 30.

King, Frank O., Chicago, Ill. Dolls. 167,153; Apr. 24; Serial No. 172,598; published Jan. 30, 1923.

King, Frank O., Chicago, Ill. Dolls. 171,222; July 31; Serial No. 177,228; published Apr. 24, 1923.

King, Frank O., Chicago, Ill. Toy dogs. 173,698; Oct. 2; Serial No. 177,229; published June 19, 1923.

King, George W., Boston, Mass. Edible vegetable fats and oils. 174,579; Oct. 23; Serial No. 164,111; published July 24, 1923.

King, John D., sr., Charleston, W. Va. Salve, ointment, and liniment to be used in the treatment of sore throat, whooping cough, etc. 167,940; May 8; Serial No. 171,928; published Feb. 20, 1923.

King, John J., Frankfort, Ky. Candies. 164,801; Feb. 27.

King, John P., Manufacturing Co., The, Augusta, Ga. Cotton piece goods. 170,357; July 10.

King, John P., Manufacturing Co., The, Augusta, Ga. Cotton piece goods. 172,006; Aug. 21; Serial No. 173,570; published Apr. 10, 1923.

King, John P., Manufacturing Co., The, Augusta, Ga. Cotton piece goods. 177,267; Dec. 11; Serial No. 166,373; published Sept. 18, 1923.

King, Leslie I., Columbus, Ohio. Toy banks. 169,557–8; June 19.

King Lockwood Co., Bristol, Tenn. Overalls and coats. 177,532; Dec. 18; Serial No. 182,827; published Oct. 2, 1923.

King, M. D., Milling Company, Pittsfield, Ill. Wheat flour. 176,743–4; Nov. 27; Serial Nos. 176,192–3; published Aug. 14, 1923.

King Player Action Company, Inc., New York, N. Y. Piano-player actions. 170,734; July 24; Serial No. 172,420; published Apr. 24, 1923.

King & Stallkamp, Delphos, Ohio. Hand lotion. 164,152; Feb. 13.

King, Wm. C., Scott City, Kans. Medicine for treatment of tuberculosis, chronic coughs, colds, etc. 170,017; July 10; Serial No. 172,477; published Apr. 3, 1923.

King, William H., jr., East Orange, N. J., and New York, N. Y. Typewriter paper. 167,059; Apr. 24; Serial No. 160,496; published Nov. 14, 1922.

King & Winston Products Co (See Bishop, Arthur W.)

Kingly Shirt Co., Chicago, Ill. Men's and boys' shirts. 171,262; July 31. Serial No. 169,363; published May 8, 1923.

Kings County Packing Co., Armona, Calif. Canned fruits and vegetables. 166,933; Apr. 17; Serial No. 168,041; published Feb. 6, 1923.

Kings County Packing Co., Armona, Calif. Canned fruits. 168,480; May 22; Serial No. 168,419; published Feb. 20, 1923.

Kings County Packing Co, Armona, Calif. Canned fruits and vegetables. 168,598; May 29; Serial No. 168,420; published Feb. 13, 1923.

Kings County Packing Company, Armona, Calif. Canned fruits and vegetables. 169,207; June 12; Serial No. 168,418; published Mar. 27, 1923.

Kings County Packing Co., Armona, Calif. Canned fruits. 169,210; June 12; Serial No. 168,044; published Mar. 27, 1923.

Kings County Packing Co., Armona, Calif. Canned fruits. 169,305; June 12; Serial No. 168,043; published Mar. 27, 1923.

Kings County Packing Co., Armona, Calif. Canned fruits. 171,323; Aug. 7; Serial No. 168,421; published May 15, 1923.

Kings County Packing Co., Armona, Calif. Canned fruits and vegetables. 171,839; Aug. 14; Serial No. 171,327; publisheed May 15, 1923.

Kings County Packing Co., Armona, Calif. Canned fruits. 171,915; Aug. 14.

Kings County Packing Co., Armona, Calif. Canned fruits. 173,344; Sept. 25; Serial No. 171,329; published June 26, 1923.

Kings County Packing Co., Armona, Calif. Canned and preserved figs, canned fruits and vegetables. 173,345; Sept. 25; Serial No. 171,328; published June 26, 1923.

Kings County Packing Co., Armona, Calif. Canned fruits. 174,748; Oct. 23; Serial No. 168,042; published July 24, 1923.

Kings County Packing Co., Armona, Calif. Canned fruits. 176,162; Nov. 20; Serial No. 168,422; published Sept. 4, 1923.

Kings County Packing Company, Armona, Calif. Fresh and canned fruits. 177,594; Dec. 18.

King's Food Products Company, Portland, Oreg. Canned and dehydrated fruits and vegetables. 167,702; May 8; Serial No. 165,393; published Feb. 13, 1923.

King's Food Products Company, Portland, Oreg. Canned and dehydrated fruits and vegetables. 167,703; May 8; Serial No. 165,390; published Feb. 13, 1923.

King's Food Products Company, Portland, Oreg. Canned and dehydrated fruits and vegetables. 167,708; May 8; Serial No. 165,388; published Feb. 13, 1923.

King's Food Products Co., Portland, Oreg. Canned and dehydrated fruits and vegetables. 168,361; May 22; Serial No. 165,391; published Feb. 27, 1923.

King's Food Products Company, Portland, Oreg. Canned and dehydrated fruits and vegetables. 168,640; May 29; Serial No. 165,389; published Mar. 6, 1923.

King's Food Products Company, Portland, Oreg. Dehydrated fruits and vegetables. 177,141; Dec. 11; Serial No. 151,323; published Mar. 14, 1922.

Kingsboro Silk Mills, Inc., Gloversville, N. Y. Silk-cloth piece goods only. 163,351; Jan. 9.

Kingsbury Company, The, Fort Wayne, Ind. Foot-bath preparation. 173,118; Sept. 18; Serial No. 167,965; published June 5, 1923.

Kingston Knitting Company (See Brine, James W., Company.)

Kingsville Lumber Company, The, Kingsville, Tex. Saddles, harness, bridles, gun scabbards, gun cases. 164,879; Feb. 27.

Kinloch Hosiery Mills, The, Chicago, Ill. Hosiery. 167,832; May 8; Serial No. 169,956; published Feb. 13, 1923.

Kinney, James M., Yonkers, N. Y. Brassières and corsets. 176,833; Dec. 4; Serial No. 181,898; published Sept. 11, 1923.

Kinney-Rome Company, Chicago, Ill. Bed springs. 167,302; Apr. 24.

Kipuroff, Nakey P., Columbus, Ohio. Hair tonic. 167,377; May 1; Serial No. 167,820; published Dec. 26, 1922.

Kirschner, M., Sons, New York, N. Y. Women's and misses' suits and dresses. 176,965; Dec. 11; Serial No. 178,345; published July 10, 1923.

Kisker, John V., & Co., Cincinnati, Ohio. Eggs. 176,840; Dec. 4; Serial No. 178,258; published Aug. 21, 1923.

Klein, Benjamin F., doing business as Kayline Company, Cleveland, Ohio. Electric-light fixtures. 177,659; Dec. 25; Serial No. 181,530; published Oct. 9, 1923.

Klein, Benjamin F., doing business as Kayline Company, Cleveland, Ohio. Electric-lighting fixtures. 177,660; Dec. 25; Serial No. 181,531; published Oct. 9, 1923.

Klein, L., Inc., Chicago, Ill. Wheat flour, canned fruits, vegetables, etc. 177,561; Dec. 18; Serial No. 174,310; published Sept. 18, 1923.

Kleis, Adolf J., doing business as Sheik Toilet Products Company, Chicago, Ill. Hair dressing. 177,463; Dec. 18; Serial No. 177,444; published Sept. 25, 1923.

Klug, William, Brooklyn, N. Y. Ice-cream preparation. 173,851; Oct. 2; Serial No. 174,696; published July 3, 1923.

Kirby, Beard & Co., Ltd., Birmingham, England. Pins and hairpins of nonprecious metals. 172,449; Aug. 28; Serial No. 172,229; published May 1, 1923.

Kirby, Beard & Co., Ltd., Birmingham, England. Pins and hairpins of nonprecious metal and hand sewing needles. 172,448; Aug. 28; Serial No. 172,228; published May 1, 1923.

Kirby, Beard & Co., Ltd., Birmingham, England. Pins of nonprecious metal. 172,450; Aug. 28; Serial No. 172,230; published May 1, 1923.

Kirby, Beard & Co., Ltd., Birmingham, England. Pins and hairpins and hand sewing needles. 172,457; Aug. 28; Serial No. 172,681; published May 1, 1923.

Kirby, David D., doing business as Peoria Chemical Co., Peoria, Ill. Medical preparation for venereal diseases. 163,103; Jan. 2.

Kirk, Samuel, & Sons, Limited, Bradford, England. Piece goods composed of an admixture of wool and cotton. 169,989; July 10; Serial No. 132,052; published Apr. 3, 1923.

Kirkendall, F. P., & Co., Omaha, Nebr. Leather shoes and boots. 169,377; June 12; Serial No. 170,488; published Mar. 20, 1923.

Kirkpatrick, John, Richland Center, Wis. Cheese. 172,518; Sept. 4; Serial No. 172,599; published May 1, 1923.

Kirkpatrick, S. M., & Co., Waco, Tex. Furniture and wood polish and cleanser. 163,717; Jan. 23.

Kirsch, David, Montreal, Canada, and New York, N. Y. Sporting hosiery. 168,074; May 15; Serial No. 159,093; published Feb. 27, 1923.

Kirsch, H., & Co., Brooklyn, N. Y. Ginger ale, sarsaparilla, cream soda, celery, etc., beverages and sirups for making the same. 170,049; July 10; Serial No. 175,400; published Apr. 17, 1923.

Kirschbraun & Sons, Inc., Omaha, Nebr. Creamery butter. 167,886; May 8; Serial No. 167,819; published Feb. 6, 1923.

Kirschbraun & Sons, Inc., Omaha, Nebr. Butter. 172,621; Sept. 11; Serial No. 161,687; published June 5, 1923.

Kirschenbaum, William, New York, N. Y. Hosiery. 163,590; Jan. 23.

Kirschner, M., & Sons, New York, N. Y. Cloaks, suits, dresses. 174,058; Oct. 2; Serial No. 178,346; published July 10, 1923.

Kirshbaum, R., & Son, Inc., Indianapolis, Ind. Ladies' dresses, coats, and blouses. 171,245; July 31; Serial No. 169,957; published May 8, 1923.

Kisco Pharmacal Co. (See Schuman, Lewis.)

Kiser Studios Inc., Portland, Oreg. Motion-picture films. 164,937; Feb. 27.

Kiss and Choka, Moline, Ill. Rail chairs. 175,523; Nov. 6; Serial No. 175,250; published Aug. 21, 1923.

Kistler Leather Company, South Boston, Mass. Leather. 169,045; June 5; Serial No. 158,931; published Feb. 27, 1923.

Kistler Leather Company, South Boston, Mass. Leather. 174,407; Oct. 16; Serial No. 175,991; published July 3, 1923.

Kittle, A. F., doing business as A. F. Kittle & Co., Los Angeles, Calif. Canned fish, fruit, and vegetables. 172,871; Sept. 11; Serial No. 173,772; published June 5, 1923.

Klaine, Frank A., assignor to The F. A. Klaine Company, Cincinnati, Ohio. Cooking, heating, and gas stoves. 23,474; renewed Aug. 8, 1923.

Klapp Charles L., St. Louis, Mo. Face powder, face creams, perfumes, etc. 169,588; June 26; Serial No. 155,696; published Feb. 27, 1923.

Klauber Bros. & Co., New York, N. Y. Cotton piece goods. 168,850; May 29; Serial No. 174,246; published Mar. 6, 1923.

Klauber Wangenheim Co., San Diego, Calif. Coffee. 172,091; Aug. 21; Serial No. 176,896; published May 29, 1923.

Klearflax Linen Rug Company, Duluth, Minn. Corner attachments for rugs and the like to prevent slipping. 168,522; May 22.

Klebanoff, David, doing business as Pestine Chemical Co., Philadelphia, Pa. Insecticides. 176,302; Nov. 20; Serial No. 179,375; published Sept. 11, 1923.

Kleen Products Co. (See Tietjen, G. D.)

Klein, Alec, doing business as Chicago Egg Noodle Company, Chicago, Ill. Potato chips, noodles, spaghetti, and macaroni. 173,571; Sept. 25.

Klein, Alec, doing business as F. L. Klein Noodle Co., Chicago, Ill. Saratoga potato chips, macaroni, egg noodles, and spaghetti. 175,306; Nov. 6; Serial No. 163,154; published Aug. 14, 1923.

Klein Chocolate Company, Elizabethtown, Pa. Chocolate. 174,348; Oct. 16; Serial No. 140,895; published Mar. 1, 1921.

Klein, Gordon & Company, Detroit, Mich. Hosiery, knit and cut underwear, knitted sweaters, and men's work shirts. 166,698; Apr. 10; Serial No. 168,047; published Dec. 12, 1922.

Klein, Jack, doing business as J. Klein Co., New York, N. Y. Handkerchiefs. 171,806; Aug. 14; Serial No. 177,388; published May 22, 1923.

Klein, L., Inc., Chicago, Ill. Men's and boys' suits, overcoats, and hats. 174,987; Oct. 30; Serial No. 174,309; published July 17, 1923.

Klein, L., Inc., Chicago, Ill. Men's hats and shirts. 176,127; Nov. 20; Serial No. 174,308; published Sept. 11, 1923.

Klein-Messner Co., Inc., New York, N. Y. Cotton piece goods. 173,343; Sept. 25; Serial No. 171,331; published June 26.

Klein, Samuel, New York, N. Y. Ladies' dresses, coats, and suits. 164,757; Feb. 27.

Klein, Samuel, New York, N. Y. Ladies' dresses, coats, and suits. 174,989; Oct. 30; Serial No. 174,081; published Aug. 7, 1923.

Kleinberg, William, Rochester, N. Y. Topper coats. 168,286; May 15.

Kleinert, I. B., Rubber Company, New York, N. Y. Household aprons. 164,822; Feb. 27.

Kleinert, I. B., Rubber Company, New York, N. Y. Dress shields. 173,719; Oct. 2; Serial No. 179,104; published July 3, 1923.

Kleinert, I. B., Rubber Company, New York, N. Y. Dress shields. 174,910; Oct. 23; Serial No. 179,105; published July 31, 1923.

Kleinschmidt Electric Co., Inc., Long Island City, N. Y. Telegraph apparatus. 174,371; Oct. 16: Serial No. 168,894; published June 12, 1923.

Kleis, Adolf J., doing business as Sheik Toilet Products Company, Chicago, Ill. Hair dressing. 176,171; Nov. 20; Serial No. 177,443; published Sept. 4, 1923.

Klemperer, Gustav, doing business as Cosmos Trading Company, New York, N. Y. Hair nets. 163,967; Feb. 6.

Klerol Laboratories, Inc., Buffalo, N. Y. Ointment used externally for treating eczema, hemorrhoids, skin eruptions, etc. 167,420; May 1; Serial No. 170,021; published Jan. 9, 1923.

Kline, Dr. R. H., Co. (See Chappell, Alexander W.)

Kline, Edward A., doing business as E. A. Kline & Co., New York, N. Y. Cigars. 173,053; Sept. 11; Serial No. 176,632; published June 12, 1923.

Kling Bros. & Co., Inc., Chicago, Ill. Sweaters, sport coats, summer suits and coats, trousers, etc. 164,791; Feb. 27.

Kling Bros. & Co. Inc., Chicago, Ill. Bathing suits, sweaters, sport vests and coats, caps, and mufflers. 169,283; June 12; Serial No. 159,209; published Mar. 20, 1923.

Kling-Tite Products Co., Chicago, Ill. Ready-mixed roof paint. 166,486; Apr. 3; Serial No. 170,687; published Jan. 9, 1923.

Klinker Manufacturing Co., The, doing business as Princess Laboratories, Cleveland, Ohio. Cold cream, coconut-oil shampoo, quinine hair tonic, etc. 164,675; Feb. 27.

Klipstein, E. C., & Sons Company, New York, N. Y. Dyestuffs, colors, and pigments. 167,624; May 1; Serial No. 167,679; published Dec. 26, 1922.

"Klipto" Loose Leaf Manufacturing Co., The. (See Bennett, Geo. A.)

Klosner, Morris, doing business as Klosner Improved Apparatus Company, New York, N. Y. Electric switches, telephone-control switches, amplifier-control switches, etc. 174,794; Oct. 23; Serial No. 174,579; published July 24, 1923.

Klots, W. J., Raw Silk Cleaner Company, Scranton, Pa. Cleaners for threads of fibrous substances. 164,267; Feb. 13.

Klotz, Alfred, Munich, Germany. Instep-supporting arches and hernial trusses. 163,352; Jan. 9.

Klover Klothing Kompany, New York, N. Y. Men's, youths', and boys' suits and topcoats. 164,243; Feb. 13.

Kluk Chemical Co. (See Carpenter, Walter M.)

Knapp Brothers Manufacturing Company, Chicago, Ill. Bull-nose corner beads, small-nose corner beads, rail corner beads, etc. 172,674; Sept. 11; Serial No. 174,082; published June 5, 1923.

Knapp, Leo M., Wellsville, N. Y. Preparation used for intensifying gasoline and as a carbon preventive. 165,493; Mar. 13; Serial No. 166,185; published Dec. 5, 1922.

Knapstein, T. L., Appleton, Wis. Cheese. 171,076; July 31; Serial No. 170,071; published Mar. 27, 1923.

Knauth, William, doing business as Gloo-Pen Company, New York, N. Y. Mucilage container and spreader. 166,188; Mar. 27; Serial No. 161,259; published Dec. 5, 1922.

Knickerbocker Brace Company, Easton, Pa. Shoulder braces and suspenders. 23,427; renewed Aug. 1, 1923.

Knight, Allen & Clark, Inc., Boston, Mass. Printing papers. 163,953; Feb. 6.

Knight, B. B. & R., Inc., Providence, R. I., and New York, N. Y. Nurses' and maids' uniforms, caps, and aprons, men's and boys' shirts, etc. 174,998; Oct. 30; Serial No. 172,682; published Aug. 7, 1923.

Knight, B. B. & R., Inc., Providence, R. I., and New York, N. Y. Sheets and pillowcases. 175,314; Nov. 6; Serial No. 181,489; published Aug. 7, 1923.

Knight, Edward B., doing business as E. Ben Knight, Penn Yan, N. Y. Salves or ointments and oils as remedial agents for cuts, burns, sprains, catarrh, etc. 168,434; May 22; Serial No. 171,176; published Feb. 20, 1923.

Knight, Joe M., Elfers, Fla. Oranges, grapefruit, and citrous fruit in their natural state. 171,270; July 31; Serial No. 168,848; published May 1, 1923.

Knight, Maurice A., Akron, Ohio. Toy marbles. 165,034; Feb. 27.

Knight, Nita G., Boundbrook, N. J. Candy. 171,511; Aug. 7; Serial No. 162,824; published May 22, 1923.

Knight Packing Company, Portland, Oreg. Tomato catchup, tomato purée, chili sauce, and cocktail tomato catchup. 168,492; May 22.

Knight, Thomas J., doing business as Knight Drug Co., Plant City, Fla. Sorehead remedy for chickens. 172,687; Sept. 11; Serial No. 158,875; published May 8, 1923.

Knitted Textiles Corporation, New York, N. Y., and Allentown, Pa. Silk and fiber and cotton and fiber knitted piece goods. 165,944; Mar. 20.

Knitted Textiles Corporation, New York, N. Y., and Allentown, Pa. Knitted fabrics in the piece and woven silk and cotton piece goods. 172,952; Sept. 11; Serial No. 174,311; published May 29, 1923.

Knitted Textiles Corporation, New York, N. Y., and Allentown, Pa. Woven and knitted textile fabrics in the piece and cotton and wool piece goods. 173,363–4; Sept. 25; Serial Nos. 179,798–9; published July 3, 1923.

Knitted Textiles Corporation, Allentown, Pa. Fabrics knitted of worsted, worsted and fiber silk, and all fiber silk. 174,636; Oct. 23; Serial No. 181,752; published Aug. 7, 1923.

Knitwear Manufacturing Co., Inc., Brooklyn, N. Y. Knitted sweaters and dress skirts. 174,252; Oct. 9; Serial No. 157,431; published July 3, 1923.

Knollwood Farm. (See Price, Edgar F.)

Knopf, Alfred A., Inc., New York, N. Y. Completely-printed books. 177,307; Dec. 18; Serial No. 170,653; published Sept. 25, 1923.

Knorr, C. H., A. G., Heilbronn, Germany. Digestive flours, condensed soups, macaroni, etc. 177,288; Dec. 11.

Knothe Brothers Co., Inc., New York, N. Y. Pyjamas, dress and negligee shirts, nightshirts, and men's robes. 173,809; Oct. 2; Serial No. 171,422; published July 3, 1923.

Knothe Brothers Co., Inc., New York, N. Y. Garters, waist belts, and suspenders. 176,026; Nov. 13; Serial No. 177,915; published July 31, 1923.

Knott, E. R., Machine Company, Boston, Mass. Electrical condensers. 166,564; Apr. 10; Serial No. 168,534; published Dec. 26, 1922.

Knowles, J. C., Monticello, Calif. Fresh deciduous fruit. 168,686; May 29; Serial No. 169,404; published Feb. 27, 1923.

Knowlton, E. W., doing business as Knowlton Laboratories, Pasadena, Calif. Preparation for use in internal inflammation. 167,365; May 1; Serial No. 169,977; published Jan. 23, 1923.

Knowlton Laboratories. (See Knowlton, E. W.)

Knox, Albert W., Los Angeles, Calif. Laxative powders. 169,942; July 3.

Knox Hat Company, Inc., New York, N. Y. Caps, hats, leather and fabric gloves, hosiery, neckwear, etc. 166,062; Mar. 27. Serial No. 167,989; published Dec. 26, 1922.

Knox Hat Company, Inc., New York, N. Y. Hats for men, women, and children. 170,820; July 24; Serial No. 171,806; published Apr. 24, 1923.

Knox, James H., Hardisty, Alberta, Canada. Veterinary and poultry medicines. 167,849; May 8; Serial No. 164,505; published Feb. 6, 1923.

Knox Pharmacal Company, Rockland, Me. Tonic for cats and kittens. 173,098; Sept. 18; Serial No. 177,131; published June 12, 1923.

Knoxall Novelties, Inc., New York, N. Y. Play balls and beach balls. 167,109; Apr. 24; Serial No. 169,857; published Feb. 6, 1923.

Kobayashi, H., & Co., Inc., New York, N. Y. Broad silks and silk and cotton goods in the piece. 173,176; Sept. 18; Serial No. 170,769; published June 19, 1923.

Koblenzer, Sidney J., doing business as M. Koblenzer & Son, New York. N. Y. Shirts, pyjamas, underwear, hats, hose, etc. 174,498; Oct. 16; Serial No. 179,153; published July 24, 1923.

Kobolt, George C., Chicago, Ill. Manicure preparations. 170,033; July 10; Serial No. 173,711; published Apr. 10, 1923.

Kobylanski, John F., doing business as Five Brothers Medicine Co., Gary, Ind. Liniments and pills. 175,501; Nov. 6; Serial No. 176,838; published Aug. 14, 1923.

Koch, H. C. F., & Co., Inc., New York, N. Y. Hosiery. 176,273; Nov. 20; Serial No. 177,389; published Sept. 11, 1923.

Koch, Reinhold G., doing business as National Progress Company, New York, N. Y. Preparation for use in addition to soap for washing clothes. 163,809; Jan. 30.

Kockos Bros., Inc., San Francisco, Calif. Canned fruits, vegetables, and fish. 176,712–13; Nov. 27; Serial Nos. 183,216–17; published Sept. 18, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Koefoed, Hauberg, Marstrand & Helweg, Aktieselskabet Titan, Copenhagen, Denmark. Centrifugal oil purifiers or oil separators. 175,870; Nov. 13; Serial No. 177,042; published Aug. 28, 1923.

Koehler, George, Company, Inc., Buffalo, N. Y. Sausage. 164,188; Feb. 13.

Koehler Manufacturing Company, Marlboro, Mass. Storage batteries, mine lamps, charging apparatus for mine lamps, and parts of such articles and apparatus. 166,579; Apr. 10; Serial No. 171,643; published Jan. 9, 1923.

Koehn, Edouard, Geneva, Switzerland. Index thermometers. 171,751; Aug. 14; Serial No. 164,057; published May 15, 1923.

Koen Brothers, New York, N. Y. Coats, suits, and skirts. 173,518; Sept. 25.

Koetter, William H., doing business as Koetter Manufacturing Co., Peoria, Ill. Carbon remover for gasoline engines. 174,878; Oct. 23; Serial No. 180,126; published July 31, 1923.

Ko-Fan Company, Denver, Colo. Noncereal, maltless beverage sold as a soft drink. 164,256; Feb. 13.

Kohler & Campbell, Incorporated, New York, N. Y. Pianos and player pianos. 167,987; Apr. 24.

Kohler Company, Kohler, Wis. Electric generating plants. 167,671; May 8; Serial No. 172,889; published Feb. 20, 1923.

Kohn, Adler & Co., Philadelphia, Pa. Silks, velvets, and ribbons in the piece. 163,474; Jan. 16.

Kohn & Silverberg, Chicago, Ill. Dyes and dye sticks. 176,305; Nov. 20; Serial No. 179,208; published Aug. 14, 1923.

Kohnstamm, H., & Co., (See Kohnstamm, H., & Co., assignor.)

Kohnstamm H., & Co., assignor to H. Kohnstamm & Co. Inc., New York, N. Y. Washing fluid. 22,436; renewed Feb. 6, 1923.

Kohnstamm, H., & Co., assignor to H. Kohnstamm & Co. Inc., New York, N. Y. Bleaching fluid. 22,619; renewed Mar. 7, 1923.

Kohnstamm, H., & Co., New York, N. Y., assignor to H. Kohnstamm & Co., Inc. Washing powder for laundry purposes. 167,727; May 8; Serial No. 154,369; published Jan. 2, 1923.

Kohnstamm, H., & Co., Inc., New York, N. Y. Washing powder. 174,868; Oct. 23; Serial No. 180,375; published July 24, 1923.

Kohr Mfg. Co., Middletown, Pa. Medicinal preparation for treatment of eczema, tetter, etc. 176,982; Dec. 11; Serial No. 179,732; published Sept. 18, 1923.

Kokomo Automotive Mfg. Co., Kokomo, Ind. Rear-view mirrors for vehicles, vehicle windshield wings, etc. 170,689; July 17.

Kokomo Automotive Mfg. Co., Kokomo, Ind. Furniture mirrors. 171,934; Aug. 14.

Kokomo Grocers Dairy Products Company, The, Kokomo, Ind. Bottled milk. 176,861; Dec. 4; Serial No. 168,533; published Sept. 11, 1923.

Kolar, G. S., Laboratories, Chicago, Ill. Brilliantine, rouge, face powders, etc. 175,397; Nov. 6; Serial No. 152,566; published Jan. 31, 1922.

Kolbe Paint Company, The, Cincinnati, Ohio. Ready-mixed paints, house paints, paint enamels, varnishes, etc. 170,632; July 17; Serial No. 175,358; published Apr. 17, 1923.

Kolber, Michael, New York, N. Y. Men's dress and negligee shirts. 175,735; Nov. 13; Serial No. 178,926; published Aug. 28, 1923.

Kolbert, Edward, & Sons, New York, N. Y. Fur collars and cuffs. 177,500; Dec. 18; Serial No. 182,248; published Oct. 2, 1923.

Kold'nKlear Spring Water Co. (See Russell, Berry J.)

Komdo Novelty Co., The, Mount Vernon, N. Y. Hosiery supporters. 170,091; July 10; Serial No. 170,201; published Apr. 3, 1923.

Kondit Co., The, Chicago, Ill. Salted peanuts and almonds, peanut butter, olive oil, etc. 173,076; Sept. 11.

Kondolf, Henry E., New York, N. Y. Shipping boxes and containers. 175,687; Nov. 6.

Konoff, Assin, Toledo, Ohio. Composition soles and heels for footwear. 170,005; July 10; Serial No. 156,835; published Apr. 11, 1922.

Konroe Merchants. (See Robert, Samuel.)

Kon-Stip-E-O Tablet Co., Ulster, Pa. Medicinal preparation for the treatment of constipation, prevention of appendicitis, etc. 163,104; Jan. 2.

Kools Manufacturing Company, Appleton, Wis. Vegetable-paring machines, 175,048; Oct. 30; Serial No. 179,605; published Aug. 14, 1923.

Koppe, Edgar J., doing business as The Tex-Alie Company, Los Angeles, Calif. Tamales. 177,203; Dec. 11; Serial No. 179,154; published Sept. 25, 1923.

Koppel Industrial Car & Equipment Company, Koppel and Pittsburgh, Pa. Box, stock, gondola, tank, dump, platform, etc., cars. 169,155–8; June 12; Serial Nos. 165,447–50; published Mar. 13, 1923.

Koronkowa Medicine Company. (See Burke, Claude A.)

Kops Brewery, assignor to R. White & Sons, Limited, London, England. Aerated and nonalcoholic ale and stout. 23,793; renewed Nov. 7, 1923.

Kops Brewery, assignor to R. White & Sons, Limited, London, England. Ale, aerated and nonalcoholic. 23,872; renewed Nov. 28, 1923.

Kops Brewery, assignor to R. White & Sons, Limited, London, England. Ale, aerated and nonalcoholic. 24,091; renewed Jan. 23, 1924.

Kops Bros., New York, N. Y. Corsets, brassières, corset covers, waists, and underwear of textile fabric for women. 166,045; Mar. 27; Serial No. 167,986; published Jan. 2, 1923.

Kops Bros., New York, N. Y. Corsets, brassières, corset covers, and waists. 166,046; Mar. 27; Serial No. 167,988; published Dec. 5, 1922.

Kops Bros., New York, N. Y. Corsets, brassières, and underwear. 166,215; Mar. 27; Serial No. 169,027; published Jan. 2, 1923.

Kops Bros., New York, N. Y. Corsets, brassières, and underwear. 166,216; Mar. 27; Serial No. 169,025; published Jan. 2, 1923.

Kops Bros., New York, N. Y. Corsets, brassières, and underwear. 166,217; Mar. 27; Serial No. 169,023; published Jan. 2, 1923.

Kops Bros., New York, N. Y. Corsets, brassières, and underwear. 166,218; Mar. 27; Serial No. 169,021; published Jan. 2, 1923.

Kops Bros., New York, N. Y. Corsets, brassières, and underwear. 166,219; Mar. 27; Serial No. 169,019; published Jan. 2, 1923.

Kops Bros., New York, N. Y. Corsets, brassières, corset covers, waists, and underwear for women. 170,946; July 24; Serial No. 167,987; published Apr. 24, 1923.

Kops Bros., New York, N. Y. Corsets, brassières, and underwear for women. 177,109–11; Dec. 11; Serial Nos. 174,248–50; published Sept. 18, 1923.

Kortenbach & Rauh, Weyer, Germany. Umbrellas. 171,066; July 31; Serial No. 162,557; published May 8, 1923.

Kortenbach & Rauh, Weyer, Germany. Umbrellas. 171,148; July 31; Serial No. 162,556; published May 1, 1923.

Kosinski, Konstantin, Ipswich, Mass. Oil to prevent perspiration of the feet. 169,614; June 26; Serial No. 172,601; published Mar. 6, 1923.

Kosofsky, Aaron, doing business as Hudson Bay Fur Company, New York, N. Y. Chemical dye for furs. 168,503; May 22.

Kosofsky, Aaron, doing business as Hudson Bay Fur Company, New York, N. Y. Chemical preparation used on dyed furs. 169,609; June 26; Serial No. 172,479; published Mar. 6, 1923.

Koss, Edward F., doing business as Koss Products, Washington, D. C. Antiseptic and cooling lotion for use after shaving. 167,871; May 8; Serial No. 168,535; published Feb. 6, 1923.

Koss Products. (See Koss, Edward F.)

Koster, Christian H., doing business as Chrs. Koster & Son, New York, N. Y. Eggs. 169,119; June 5.

Kovacs and Meszaros, Denbo, Pa. Envelopes. 171,146; July 31; Serial No. 162,179; published May 1, 1923.

Kozol Laboratories. (See McCollam, Francis L.)

Kracker-Kup Company, Inc., New York, N. Y. Edible cups capable of retaining liquids. 177,030; Dec. 11; Serial No. 163,882; published Mar. 6, 1923.

Kraemer, Edmund M., doing business as The E. K. Co., Philadelphia, Pa. Preparation for hay fever and rose cold. 176,985; Dec. 11; Serial No. 179,606; published Sept. 18, 1923.

Kraft Chemical Company, Oklahoma, Okla. Shoe polish containing a dye. 173,801; Oct. 2; Serial No. 173,651; published June 12, 1923.

Kraft, J. L., & Bros. Co., Chicago, Ill. Cheese. 167,054; Apr. 24; Serial No. 160,814; published Jan. 30, 1923.

Kramer, Andrew A., doing business as Columbian Steel Tank Company, Kansas City, Mo. Sheet-metal tanks. 165,074; Mar. 6; Serial No. 163,153; published Dec. 12, 1922.

Kramer, Andrew A., doing business as Columbian Steel Tank Company, Kansas City, Mo. Sheet metal tanks. 169,932; July 3.

Kramer Novelty Co. (See Kramer, Samuel D.)

Kramer, Samuel D., doing business as Kramer Novelty Co., New York, N. Y. Infant pacifiers. 166,125; Mar. 27; Serial No. 153,511; published Nov. 7, 1922.

Kranenburg, Firma R., Groningen, Netherlands. Substitutes for white lead. 177,533; Dec. 18; Serial No. 182,977; published Oct. 2, 1923.

Kranish Bros., New York, N. Y. Snap fasteners. 169,424; June 12.

Krank, A. J., Mfg. Co., St. Paul, Minn. Liniment for headaches, colds, coughs, asthmas, etc. 164,284; Feb. 13.

Krank, A. J., Mfg. Co., St. Paul, Minn. Hair tonic. 165,838; Mar. 20; Serial No. 169,599; published Jan. 2, 1923.

Krank, A. J., Mfg. Co., St. Paul, Minn. Face lotion. 167,364; May 1; Serial No. 170,022; published Jan. 23, 1923.

Krank, A. J., Mfg. Co., St. Paul, Minn. Salve for burns, wounds, etc. 170,417; July 17; Serial No. 173,050; published Apr. 10, 1923.

Krank, A. J., Mfg. Co., St. Paul, Minn. Vanishing and massage cream. 170,745; July 24; Serial No. 173,500; published Apr. 24, 1923.

Krank, A. J., Mfg. Co., St. Paul, Minn. Shampoo. 172,609; Sept. 11; Serial No. 169,858; published June 5, 1923.

Krank, Alfred J., St. Paul, Minn. Hair dressing and dandruff remedy. 170,192–3; July 10; Serial Nos. 173,427–8; published Apr. 3, 1923.
Krank, Alfred J., St. Paul, Minn. Hair tonic and fixative. 170,720; July 24; Serial No. 173,193; published Apr. 24, 1923.
Krasnow, R., & Sons, Inc., Pittsburgh, Pa. Fresh oranges. 163,353; Jan. 9.
Krasnow, R., & Sons, Inc., Pittsburgh, Pa., and Fresno, Calif. Fresh citrous fruits. 168,505; May 22.
Krasnow, R., & Sons, Inc., Pittsburgh, Pa., and Fresno, Calif. Fresh citrous fruits. 168,657; May 29; Serial No 166,304; published Feb. 20, 1923.
Krause, Robt., Co., The, Davenport, Iowa. Overalls, shirts, pants or trousers, coats, etc. 172,275; Aug. 28; Serial No. 171,701; published May 29, 1923.
Krazifor American Toy Co., Hartford, Conn. Toys. 175,593; Nov. 6; Serial No. 179,476; published Aug. 21, 1923.
Kreamer, A., Inc., Brooklyn, N. Y. Flour cans. 163,105; Jan. 2.
Kreamer, A., Inc., Brooklyn, N. Y. Sugar cans. 163,106; Jan. 2.
Kreamer, A., Inc., Brooklyn, N. Y. Tea cans. 163,354; Jan. 9.
Kreamer, A., Inc., Brooklyn, N. Y. Coffee cans. 163,355; Jan. 9.
Kreamer, A., Inc., Brooklyn, N. Y. Bread and cake boxes. 163,356; Jan. 9.
Kreamer, A., Inc., Brooklyn, N. Y. Cake boxes. 163,357; Jan. 9.
Krebs Pigment & Chemical Company, The, Newport, Del. Paint pigments, especially lithopone and cadmium yellow. 166,322; Mar. 27.
Krebs Pigment & Chemical Company, The, Newport, Del Paint pigments. 169,446; June 19; Serial No. 172,840; published Mar. 27, 1923.
Krebs Pigment & Chemical Company, Newport, Del. Paint pigments. 169,622; June 26; Serial No. 172,841; published Mar. 27, 1923.
Kreenwich, Samuel, Jersey City, N. J. Candy. 163,358; Jan. 9.
Kreiss, Albert L., Jacksonville, Fla. Plant food. 164,257; Feb. 13.
Kreisler, Jacques & Co., New York, N. Y. Chains for personal adornment. 168,031; May 8.
Kreisman, Louis, doing business as Healthall Medical Company, Fall River, Mass. Laxative pills, candy laxative, etc. 172,190; Aug. 21.
Krich, Max H., doing business as Krich Light & Electric Company, Newark, N. J. Glass lamp shades. 172,942; Sept. 11; Serial No. 159,321; published June 13, 1922.
Krippendorf-Dittmann Co., The, Cincinnati, Ohio. Ladies' and misses' leather shoes. 164,561; Feb. 20.
Krippendorf-Tuttle White Cliffs Products Co., The, Cincinnati, Ohio. Fertilizers. 173,412; Sept. 25; Serial No. 177,744; published June 19, 1923.
Krippendorf-Tuttle White Cliffs Products Co., The, Cincinnati, Ohio. Ground limestone, chalk whiting, chalk, asphalt filler, and whiting. 174,406; Oct. 16; Serial No. 176,482; published July 3, 1923.
Kroder, John, and Henry Reubel Company, The, New York, N. Y. Angle joints for railings, brackets, brads, metallic carpet bindings, etc. 166,860; Apr. 17; Serial No. 163,584; published Jan. 23, 1923.
Krohn-Fechheimer Co., The, Cincinnati, Ohio. Leather boots and shoes. 169,581; June 26; Serial No. 160,013; published Aug. 22, 1922.
Kroneberger, C. H., & Co., Baltimore, Md. Coffee and tea. 169,226; June 12; Serial No. 165,085; published Mar. 20, 1923.
Kronovet, Joseph A., doing business as The Durabell Mills Co., New York, N. Y. Hosiery and men's and women's knitted underwear. 168,326; May 22; Serial No. 165,959; published Jan. 2, 1923.
Kropacz, John, Drumheller, Alberta, Canada. Steam whistles. 168,580; May 29; Serial No. 162,934; published Feb. 20, 1923.
Krueger-Tobin Co., Inc., New York, N. Y. Hosiery. 172,962; Sept. 11; Serial No. 175,087; published June 5, 1923.
Krumm & McDonald Co. (See McDonald, William J.)
Krysiak, John, Four Corners, Wyo. Sleighs. 167,764; May 8; Serial No. 170,142; published Feb. 6, 1923.
Kubota, Seiichi, Tokyo, Japan. Preparation for cancer. 175,426; Nov. 6; Serial No. 173,891; published Aug. 21, 1923.
Kuhn, Harry J., doing business as Kuhn Paint and Varnish Works, Houston, Tex. Prepared paints, varnishes, driers, paste paints, colors in oil, etc. 166,489; Apr. 3; Serial No. 171,023; published Jan. 9, 1923.
Kuhn Paint and Varnish Works. (See Kuhn, Harry J.)
Kuhns, Jacob U., jr., doing business as The Dairy Products Co., Greensburg, Pa. Ice cream. 176,892; Dec. 4.
Kulik, Irving, doing business as Index-Ray Mount Co., Brooklyn, N. Y. Mounts for photographic negatives. 167,031; Apr. 24; Serial No. 170,143; published Jan. 16, 1923.
Kumamoto, Miyakichi, doing business as Kumamoto Fish Co., Seattle, Wash. Fish cakes and canned fish. 173,381; Sept. 25; Serial No. 175,015; published July 3, 1923.
Kummer, Upmann & Co., New York, N. Y. Cotton piece goods. 173,367; Sept. 25; Serial No. 179,608; published July 3, 1923.
Kumpf, David M., Pekin, Ill. Writing pads. 176,795; Nov. 27.
Kunst & Small Co., New York, N. Y. Woolen, mohair, jute, cotton, silk, and linen fabrics. 175,528; Nov. 6; Serial No. 181,195; published Aug. 28, 1923.
Kunz Preparation's Co. (See Minneapolis Brewing Company.)
Kuppenheimer, B., & Co., doing business as The House of Kuppenheimer, Chicago, Ill. Men's outer clothing—viz, suits and particularly coats. 171,729; Aug. 14; Serial No. 170,587; published May 15, 1923.
Kurtin & Kurtin, New York, N. Y. Butter, eggs, cheese. 166,878; Apr. 17; Serial No. 155,410; published Feb. 6, 1923.
Kurtz Brothers, Philadelphia, Pa. Macaroni and olive oil. 170,468; July 17; Serial No. 167,002; published Apr. 17, 1923.
Kury, Peter, St. Louis, Mo. Ham and bacon. 169,694; June 26.
Kusaka, T., San Jose, Calif. Medicine for the skin. 177,177; Dec. 11; Serial No. 180,981; published Sept. 18, 1923.
Kutz, M., Company, Inc., Atlanta, Ga. Ladies' hats. 172,076; Aug. 21; Serial No. 175,992; published May 22, 1923.
Kwik-Ege Stropper Co. (Not Inc.), Chicago, Ill. Razor-blade-stropping holders. 174,970; Oct. 30; Serial No. 158,129; published Aug. 14, 1923.
Kyle, Osborn H., Columbus, Ohio. Medicine for blood, rheumatism, lumbago, and the nerves. 168,570; May 29; Serial No. 166,888; published Feb. 20, 1923.
Kyograph Photo System. (See Wiggin, J. F.)
Kyoto Manufacturing & Trading Co., New York, N. Y. Tooth brushes. 164,192; Feb. 13.
L. & R. Company, The, Providence, R. I. Shoe laces, corset laces, and elastic webbing. 171,635; Aug. 7.
L. S. Laboratories. (See Singer, Louis.)
L. T. L. Manufacturing Company. (See Taylor, Ward S.)
La Belle Brassiere Co., Inc., New York, N. Y. Brassières and girdles. 176,973; Dec. 11; Serial No. 179,209; published Sept. 11, 1923.
Laboratoire Nativelle, Paris, France. Medicines for the treatment of affections of the heart. 163,235; Jan. 2.
Laboratoire Nativelle, Paris, France. Medicines for the treatment of affections of the heart. 170,954; July 24.
Laboratories Reclus, S. A., Mexico, Mexico. Tooth paste. 164,621; Feb. 20.
Laboratorio Chimico Farmaceutico V. Baldacci. (See Baldacci, Valentino.)
Laboratorio Chimico Farmaceutico Moderno Di Granelli Candiani & C., Turin, Italy. Magnesia used for pharmaceutical purposes. 173,779; Oct. 2; Serial No. 175,794; published June 26, 1923.
Laboratorium Leo. (See v. Mayënburg, Ottomar H.)
Laboratory Products Co., Detroit, Mich. Grease used for oiling parts of an automobile. 163,508; Jan. 16.
Laboratory Specialty Company, The, Cincinnati, Ohio. Toilet preparations. 172,382; Aug. 28; Serial No. 141,229; published May 15, 1923.
La Borie, Louis, Rochester, N. Y. Toonin, a table game. 175,579; Nov. 6; Serial No. 181,196; published Aug. 21, 1923.
La Boyteaux, Clarence E., doing business as C. E. La Boyteaux Company, Los Angeles, Calif. Concrete mixers, saw tables, pumps, hoists, and shovels. 171,705; Aug. 14; Serial No. 174,966; published May 8, 1923.
Lace-Net Importing Co., New York, N. Y. Silk laces, silk and fiber and silk and wool laces. 173,180; Sept. 18; Serial No. 169,766; published June 12, 1923.
Lachman Bros., San Francisco, Calif. Household furnishings. 165,096; Mar. 6; Serial No. 162,022; published Dec. 12, 1922.
La Cie. C. H. Catelli, Limited, Montreal, Quebec, Canada. Alimentary pastes. 174,951; Oct. 30; Serial No. 166,348; published Aug. 14, 1923.
Laclede Brass Works. (See Modra, William.)
Laclede–Christy Clay Products Company, St. Louis, Mo. Refractory tiles and bricks for furnaces. 171,671; Aug. 7.
Laclede-Christy Clay Products Company, St. Louis, Mo. Modeling clay. 176,358; Nov. 20.
Laclede-Christy Clay Products Company, St. Louis, Mo. Stokers. 177,603; Dec. 18.
Lacost & Schwedler, Chicago, Ill.. Shoes made of leather. 166,975; Apr. 17.
La Crosse Rubber Mills Co., La Crosse, Wis. Rubber boots and shoes. 168,262; May 15; Serial No. 170,492; published Feb. 27, 1923.
La Crosse Rubber Mills Co., doing business as Wisconsin Rubber Mills Co., La Crosse, Wis. Rubber boots and shoes. 170,087; July 10; Serial No. 170,489; published Apr. 3, 1923.
Lacteal Analytical Laboratories, Inc., Buffalo, N. Y. Milk culture. 169,196; June 12; Serial No. 169,767; published Mar. 27, 1923.
La Dez Cigar Co., Denver, Colo. Cigars. 167,178; Apr. 24; Serial No. 172,023; published Jan. 9, 1923.
Ladoré Perfumery Co. (See Caplan, Joseph.)
Lady Grey Company. (See Beggs, Stephen J.)

Lady Janis Perfume Co., Chicago, Ill. Soap. 169,469; June 19; Serial No. 173,653; published Mar. 20, 1923.

Lady Janis Perfume Co., Chicago, Ill. Cold cream, complexion powder, perfume and toilet water. 170,028; July 10; Serial No. 173,652; published Apr. 10, 1923.

Ladwig-Schlueter Co., Milwaukee, Wis. Beverage sold as a soft drink and sirups used in the preparation of same. 171,476; Aug. 7; Serial No. 178,259; published May 22, 1923.

Laersen Products Co., New York, N. Y. Cheese. 167,390; May 1; Serial No. 164,325; published Dec. 19, 1922.

Lafans, Walter S., doing business as The Bethelite Co., Minneapolis, Minn. Decorative lanterns. 169,253; June 12; Serial No. 170,980; published Mar. 27, 1923.

Lafayette Knitting Mills Inc., New York, N. Y. Silk knitted coats, knit caps, silk and brushed-wool scarfs, and sweater coats. 164,802; Feb. 27.

Lafayette Pharmacal Company, The, La Fayette, Ind. Pharmaceutical preparation for the treatment of hyperacidity, gastritis, etc. 169,613; June 26; Serial No. 172,541; published Mar. 6, 1923.

La Fleur Laboratories. (See Levy, Simeon S.)

Laforé Perfumery Co. (See Caplan, Joseph.)

La France Manufacturing Co., Philadelphia, Pa. Laundry tablets. 169,416; June 12.

La Fuer, Frederick, doing business as The La Fuer Company, Detroit, Mich. Hair restorative. 171,903; Aug. 14.

Lagerholm, Fred E., doing business as The Rodex Company, Charlotte, N. C. Rat exterminator. 177,738; Dec. 25; Serial No. 163,586; published Oct. 9, 1923.

Lagreca Co. (See Lagreca, John.)

Lagreca, John, doing business as The Lagreca Co., Taunton, Mass. Ointment for use on burns, itch, varicose veins, etc. 165,813; Mar. 20; Serial No. 167,306; published Jan. 2, 1923.

La Habra Citrus Association, La Habra, Calif. Fresh citrous fruits. 171,932; Aug. 14.

Laidlaw, James H., doing business as Marvel-o Manufacturing Co., San Diego, Calif. Polishing compound for automobile bodies. 170,711; July 24; Serial No. 149,592; published Apr. 24, 1923.

Laird, Edwin C., doing business as The Safety Holder Co., Richmond, Va. Bedcover holders. 176,773; Nov. 27.

Laird Manufacturing Co., Inc., The, Richmond, Va. Baking powder. 164,629; Feb. 20.

Laird Manufacturing Co. Inc., The, Richmond, Va. Coffee. 171,177; July 31; Serial No. 171,581; published May 8, 1923.

Lake Erie Provision Company, The, Cleveland, Ohio. Hams, bacon, lard, and sausage products. 172,110; Aug. 21; Serial No. 172,422; published May 29, 1923.

Lake Mills Milk Company. (See Baumann, Carl A.)

Lake Shore Elevator Company, The, Cleveland, Ohio. Animal feeds. 176,960; Dec. 11; Serial No. 177,562; published Sept. 18, 1923.

Lakeland Phosphate & Fertilizer Company, Wilmington, Del., and Lakeland and Bartow, Fla. Ground soft phosphate. 166,021; Mar. 27; Serial No. 163,453; published Dec. 19, 1922.

La Lainiere de Roubaix, Roubaix, France. Woolen piece goods. 163,359; Jan. 9.

Lam, Glines & Co., Inc., New York, N. Y. Tea. 167,879; May 8; Serial No. 167,138; published Feb. 20, 1923.

Lam, Glines & Co., Inc., New York, N. Y. Tea. 170,078; July 10; Serial No. 167,137; published Apr. 3, 1923.

Lamb, Herbert W., doing business as Fireside Industries, Lagrange, Ind. Correspondence course in applied arts, decalcomania transfers, etc. 175,936; Nov. 13; Serial No. 174,742; published Aug. 28, 1923.

Lamb, Thomas B., New York, N. Y. Handkerchiefs. 170,110; July 10; Serial No. 159,096; published Apr. 3, 1923.

Lambert, Cecil H., Buffalo, N. Y. Device for opening and closing fruit jars and containers. 169,927; July 3.

Lambert Pharmacal Company, St. Louis, Mo. Medicated tablet for relief of indigestion, ailments of the throat, etc. 168,134; May 15; Serial No. 170,770; published Feb. 13, 1923.

Lambert Tire & Rubber Company, Barberton, Ohio. Rubber cushion tires. 168,182; May 15; Serial No. 169,309; published Jan. 30, 1923.

Lambert, Virginia C. B., doing business as Ozark Chemical Co., Arcadia, Mo. Nail emollient or polish. 168,831; May 29; Serial No 170,493; published Feb. 13, 1923.

Lamborn & Company, New York, N. Y. Toilet soaps. 169,481; June 19; Serial No. 174,397; published Mar. 20, 1923.

Laminated Shim Company, Inc., Long Island City, N. Y. Shims and shim stock. 175,274; Oct. 30.

Lamke & Stemme, Inc., New York, N. Y. Surgical rubber goods and druggists' sundries. 171,515; Aug. 7; Serial No. 173,237; published May 8, 1923.

Lamm Brothers, Baltimore, Md. Men's and boys' pants. 163,591; Jan. 23.

Lamont-Corliss and Company, New York, N. Y. Chocolate. 171,295; Aug. 7; Serial No. 166,307; published May 15, 1923.

Lamont-Corliss and Company, New York, N. Y. Milk chocolate and cocoa. 177,265; Dec. 11; Serial No. 167,257; published Mar. 20, 1923.

Lamont-Corliss and Company, New York, N. Y. Milk chocolate and cocoa. 177,266; Dec. 11; Serial No. 167,255; published Mar. 20, 1923.

Lamont-Corliss and Company, New York, N. Y. Chocolate coating and cocoa. 177,281; Dec. 11.

Lamont-Corliss and Company, New York, N. Y. Cocoa and chocolate. 177,282; Dec. 11.

Lamont-Corliss and Company, New York, N. Y. Milk chocolate. 177,283; Dec. 11.

Lamont-Corliss and Company, New York, N. Y. Milk chocolate and cocoa. 177,285; Dec. 11.

Lamport Company of Texas, Inc., The, Dallas, Tex. Linen, canvas, cotton, and sailcloth in the piece. 175,609; Nov. 6; Serial No. 173,133; published Aug. 28, 1923.

Lamport Export Company, Inc., New York, N. Y. Linen, canvas, cotton, and sailcloth piece goods. 168,765; May 29; Serial No. 173,134; published Mar. 6, 1923.

Lamson Brothers Co., The, Toledo, Ohio. Flannels in the piece. 163,509; Jan. 16.

Lamson Goodnow Mfg. Company, Shelburne Falls, Mass. Knives for domestic use. 163,818; Jan. 30.

Lamson & Sessions Company, The, Cleveland, Ohio. Bolts. 164,579; Feb. 20.

Lamson & Sessions Company, The, Cleveland, Ohio. Bolts and rivets. 165,618; Mar. 13; Serial No. 167,304; published Dec. 19, 1922.

Lam-Té Mfg. Co., Oklahoma, Okla. Shaving lotions. 177,702; Dec. 25; Serial No. 166,142; published Oct. 9, 1923.

Lancaster Bone Fertilizer Co. Inc., Lancaster, Pa. Fertilizers and lime for fertilizers. 171,548; Aug. 7; Serial No. 178,260; published May 15, 1923.

Lancaster Mills, Clinton, Mass. Textile cotton dresses. 175,947; Nov. 13; Serial No. 172,747; published Aug. 28, 1923.

Lance Packing Co., Charlotte, N. C. Candy, peanut butter, peanut-butter sandwich, shelled and salted peanuts, marshmallows, etc. 170,701; July 24; Serial No. 156,644; published Mar. 20, 1923.

Lanchester Motor Co., Ltd., The, Birmingham, England. Automobiles, motor trucks, and motor cycles. 163,360; Jan. 9.

Lanchester Shirt Co. Inc., New York, N. Y. Men's and boys' dress shirts. 171,254; July 31; Serial No. 169,717; published May 8, 1923.

Land, Julius, doing business as Vanitie Hat Co., New York, N. Y. Ladies,' misses,' and children's hats. 176,106; Nov. 20; Serial No. 152,428; published July 24, 1923.

Landau Cabinet Company, St. Louis, Mo. Upholstered furniture. 175,197; Oct. 30; Serial No. 174,743; published Aug. 7, 1923.

Lande & Miskend, New York, N. Y. Silk undergarments for women and children. 166,729; Apr. 10; Serial No. 169,364; published Jan. 23, 1923.

Landenberger, J. W., & Co. (See Landenberger, J. William.)

Landenberger, J. William, doing business as J. W. Landenberger & Co., Philadelphia, Pa. Hosiery. 164,546; Feb. 20.

Landers, Frary & Clark, New Britain, Conn. Electrically-driven vacuum cleaners. 172,010; Aug. 21; Serial No. 175,799; published May 8, 1923.

Landers, Frary & Clark, New Britain, Conn. Electrically-driven laundry washing machines. 175,917; Nov. 13; Serial No. 180,376; published Sept. 4. 1923.

Landis & Gyr A.-G., Zug, Switzerland. Electrical recording measuring instruments. 177,657; Dec. 25; Serial No. 181,692; published Oct. 2, 1923.

Landis & Gyr A.-G., Zug, Switzerland. Electrical maximum recording measuring instruments. 177,656; Dec. 25; Serial No. 181,693; published Oct. 2, 1923.

Landis Machine Company, Waynesboro, Pa. Cutter heads, thread-cutting machines, and cutters therefor. 177,617; Dec. 25; Serial No. 182,593; published Oct. 9, 1923.

Lane Co. Inc., The, Altavista, Va. Cedar chests. 175,916; Nov. 13; Serial No. 180,377; published Aug. 28, 1923.

Lane, J. H., & Co., New York, N. Y. Cotton piece goods. 163,939; Feb. 6.

Lane, W. T., & Brothers, Poughkeepsie, N. Y. Cloth bags and baskets. 171,646; Aug. 7.

Lanfranchi, Anne, doing business as Rollee, New York, N. Y. Hats for women and children. 176,957; Dec. 11; Serial No. 177,305; published Sept. 11, 1923.

Langbein, Wm., & Bros., New York, N. Y. Razors, knives, shears, and tools. 168,902; May 29; Serial No. 166,528; published Mar. 6, 1923.

Langfeld, Daniel, doing business as High Score Products Co., Omaha, Nebr. Creamery butter. 167,876; May 8; Serial No. 167,182; published Jan. 9, 1923.

Langfeld, Daniel, doing business as High Score Products Co., Omaha, Nebr. Creamery butter and eggs. 167,877; May 8; Serial No. 167,181; published Jan. 9. 1923.

Langford, Philip J., Frostproof, Fla. Fresh citrus fruits. 165,559; Mar. 13; Serial No. 156,393; published Dec. 26, 1922.

Langford, William S., Baltimore, Md. Power belts for transmission, carrying, and elevating use. 175,227; Oct. 30.

Langley & Michaels Co., San Francisco, Calif. Fountain cocoa paste, beverage cocoa, and ice-cream powder. 164,298; Feb. 20.

Lanman & Kemp, Inc., New York, N. Y. Bowel regulator. 173,665; Oct. 2; Serial No. 175,874; published June 26, 1923.

Lansburgh & Brother, Washington, D. C. Phonographs. 166,577; Apr. 10; Serial No. 171,424; published Jan. 23, 1923.

Lansburgh & Bro., Inc., Washington, D. C. Disk-record brush, phonographs, needles for talking machines, etc. 177,847; Dec. 25.

Lansing Paint and Color Co., Lansing and Lansing Township, Ingham County, Mich. Paints, enamels, varnishes, japans, stains, and colors in oil. 164,668; Feb. 27.

Lantieri Brothers, Jersey City, N. J. Electrically-equipped chandeliers and electric heaters and curlers. 166,130; Mar. 27; Serial No. 140,601; published Oct. 31, 1922.

Lanzet, Annette, doing business as Lanzette Laboratories, San Francisco, Calif. Face cleanser consisting of a specially-prepared tissue paper, face cream, talcum powder, etc. 167,464; May 1; Serial No. 167,135; published Jan. 23, 1923.

Lanzette Laboratories. (See Lanzet, Annette.)

Lapin, Samuel, New York, N. Y. Thread for stringing beads or pearls. 175,265; Oct. 30.

Lapres, Theo. J., Inc., Atlantic City, N. J. Salt-water taffy. 172,286; Aug. 28; Serial No. 167,777; published May 29, 1923.

Larabee Flour Mills Corporation, The, Hutchinson, Kans., and Kansas City, Mo. Wheat flour. 170,807; July 24; Serial No. 171,502; published Mar. 13, 1923.

Larabee Flour Mills Corporation, The, Hutchinson, Kans., and Kansas City, Mo. Wheat flour. 170,841; July 24; Serial No. 162,426; published Mar. 20, 1923.

Larabee Flour Mills Corporation, Hutchinson, Kans., and Kansas City, Mo. Wheat flour. 170,931–2; July 24; Serial Nos. 162,427–8; published Mar. 20, 1923.

Laraway, Fred A., Cleveland, N. Y. Packages comprising display boards on which are mounted packing gaskets. 165,146; Mar. 6; Serial No. 147,625; published Oct. 31, 1922.

La Resista Corset Company, The, Bridgeport, Conn. Brassières, brasselettes, and corsets. 164,737; Feb. 27.

La Resista Corset Company, The, Bridgeport, Conn. Corsets. 164,861; Feb. 27.

La Resista Corset Company, The, Bridgeport, Conn. Combination undergarments for women and children. 165,339; Mar. 6; Serial No. 162,997; published Nov. 7, 1922.

La Resista Corset Company, The, Bridgeport, Conn. Corsets. 172,000; Aug. 21; Serial No. 167,004; published May 29, 1923.

Largal Company. (See Glessner, Inez C.)

Large & Roomy Overall Mfg. Co., The, Cincinnati, Ohio. Overalls, suits, and work trousers. 172,187; Aug. 21.

Largman Brothers, Inc., Philadelphia, Pa. Sweaters. 172,172; Aug. 21.

Larkide Company, The, Boston and Cambridge, Mass. Artificial leather. 165,396; Mar. 6; Serial No. 157,225; published Oct. 17, 1922.

Larkin, Bertha M., Georgetown, Mass. Toy villages and dolls. 175,175; Oct. 30; Serial No. 181,343; published Aug. 7, 1923.

Larkin Co., Inc., Buffalo, N. Y. Soaps, polish for shoes, metal, silver and stoves, washing tablets, etc. 163,793; Jan. 30.

Larkin Co. Inc., Buffalo, N. Y. Medicated ointments or salves for external use. 177,749; Dec. 25; Serial No. 179,942; published Oct. 9, 1923.

Larkin, John C., New York, N. Y. Hosiery. 174,339; Oct. 16; Serial No. 155,895; published July 18, 1922.

Larned, Carter & Company, Detroit, Mich. Overalls, pants, and coats. 167,968; May 8.

Larrowe Milling Company, Detroit, Mich. Dairy and cattle feed. 171,032; July 31; Serial No. 159,587; published Apr. 3, 1923.

Larrowe Milling Company, The, Detroit, Mich. Dairy and cattle feed. 171,135–6; July 31; Serial Nos. 159,588–9; published Apr. 3, 1923.

Larson, Clifford M., Chicago, Ill. Liquid gauges, gauges for measuring the relative change in gravities of liquids, etc. 174,839; Oct. 23; Serial No. 178,049; published July 31, 1923.

Larson, L. P., Jr., Company, Chicago, Ill. Mint confection. 169,204; June 12; Serial No. 168,770; published Mar. 27, 1923.

Larson, L. P., Jr., Company, Chicago, Ill. Chewing gum. 169,205; June 12; Serial No. 168,769; published Mar. 27, 1923.

Larson-Sorahan Co., Inc., Salem, Oreg. Furniture and automobile polish. 174,492; Oct. 16; Serial No. 177,563; published July 17, 1923.

La Salle Company, The, St. Paul, Minn. Hair tonic. 165,471; Mar. 13. Serial No. 168,158; published Dec. 12, 1922.

La Salle Company, The, St. Paul, Minn. Liquid antiseptic used as a remedy for sore throat and tonsillitis, canker, and sore mouth, etc. 165,522; Mar. 13; Serial No. 164,058; published Nov. 7, 1922.

La Salle Manufacturing Company, La Salle, Ill. Office and phonograph record racks. 169,620; June 26; Serial No. 172,748; published Mar. 27, 1923.

Lasco Company. (See Stabler, Louis A.)

Lasher, Charles W., jr., doing business as The Art Label Company, Chicago, Ill. Display stands or easels. 170,271; July 10; Serial No. 174,251; published Apr. 10, 1923.

Lasitter, Joseph, Richmond, Va. General tonic for animals. 166,993; Apr. 17.

Laskin Brothers, Philadelphia, Pa. Camisoles, bloomers, chemises, etc. 171,842. Aug. 14; Serial No. 171,223; published May 15, 1923.

Laskin-Swatt Co., El Paso, Tex. Hosiery. 168,452; May 22; Serial No. 170,144; published Feb. 20, 1923.

Laskin-Swatt Co., El Paso, Tex. Cotton and wool piece goods. 172,607; Sept. 11; Serial No. 170,145; published June 5, 1923.

La Societe Anonyme des Automobiles Unic, Puteaux, France. Bicycles, automobiles, motor cycles, tricycles, and bicyclettes. 169,166; June 12; Serial No. 167,249; published Mar. 13, 1923.

La Societe Anonyme "Parfums Gueldy," Paris, France. Perfumes, toilet waters, face lotions, etc. 169,642; June 26; Serial No. 170,938; published Mar. 6, 1923.

La Societe Comar & Cie., Paris, France. Antispasmodic remedy and agent for nervous affections. 165,499; Mar. 13; Serial No. 166,005; published Nov. 7, 1922.

La Société En Nom Collectif J. Thiriez Pere & Fils, Lille, France. Sewing thread. 175,451; Nov. 6; Serial No. 182,919; published Aug. 28, 1923.

Lassen, Frank U., Los Angeles, Calif. Health wafers. 167,269; Apr. 24; Serial No. 152,510; published Dec. 26, 1922.

Latham, S. A., Andalusia, Ala. Liniment and antiseptic for external application in the treatment of rheumatism, blood poison, infections, etc. 167,937; May 8; Serial No. 172,602; published Feb. 20, 1923.

Latheral Soap Company, Tampa, Fla. Soap. 167,757; May 8; Serial No. 170,531; published Jan. 30, 1923.

Lau, H. P., Co., Lincoln, Nebr. Coffee, rice, and evaporated milk. 170,667; July 17; Serial No. 158,320; published Oct. 3, 1922.

Lauber, Benjamin, doing business as Valentino Company, Not Incorporated, Chicago, Ill. Hair preparation and tonic. 177,814; Dec. 25.

Laucks, I. F., Inc., Seattle, Wash. Fertilizer. 166,968; Apr. 17.

Laudeman, Jesse O., doing business as Sunset Manufacturing Co., Los Angeles, Calif. Piston rings. 163,439; Jan. 9.

Laundrene Soap Co., Seattle, Wash. Soap. 167,720; May 8; Serial No. 146,079; published Dec. 26, 1922.

Laur, Maurice, Levallois-Perret, France. Emery cloth and paper. 163,592; Jan. 23.

Laurel Ice & Packing Co., Laurel, Miss. Butter. 167,207; Apr. 24; Serial No. 165,295; published Dec. 12, 1922.

Lausser, Frederick, & Son, New York, N. Y. All-wool coating. 175,659; Nov. 6; Serial No. 181,694; published Aug. 21, 1923.

Lauter, Leon, New York, N. Y. Watches, movements, and parts thereof. 164,397; Feb. 20.

Lauterjung & Sohn, Solingen-Sud, Germany. Swords, sabers, cutlasses, rapiers, etc. 165,600; Mar. 13; Serial No. 125,390; published Sept. 19, 1922.

Lauterstein, Jacob, Portland, Oreg. Men's, boys', and youths' coats, vests, trousers, and overcoats. 172,161; Aug. 21.

Laux, John, doing business as Wilsonville Roller Mills, Wilsonville, Nebr. Wheat flour. 177,226; Dec. 11; Serial No. 175,501; published June 19, 1923.

Lava Crucible Company of Pittsburgh, Pittsburgh, Pa. Cements. 169,288; June 12; Serial No. 162,119; published Mar. 27, 1923.

La Valliere Company, The, New Orleans, La. Perfume extract, toilet water, face powder, etc. 172,525; Sept. 4; Serial No. 173,604; published May 29, 1923.

La Valliere Company, The, New Orleans, La. Perfume extract, toilet water, bath salt, talcum powder, etc. 175,419; Nov. 6; Serial No. 169,444; published Mar. 27, 1923.

Lavino, E. J., and Company, Philadelphia, Pa. Refractory cements. 172,588; Sept. 11; Serial No. 170,029; published June 5, 1923.

Law, Edwin F., assignor to J. E. Sherts, doing business as Sherts Cigar Company, Lancaster, Pa. Cigars. 23,874; renewed Nov. 28, 1923.

Lawler, William A., doing business as The Elk Pharmacy, Lexington, Tenn. Flesh builder and iron tonic. 167,501; May 1; Serial No. 166,508; published Dec. 26, 1922.

Lawlor-McCormick Co., New Brunswick, N. J. Moth and insect preventives. 164,394; Feb. 20.

Lawrence, Anna, Fitchburg, Mass. Candies. 165,889; Mar 20.

Lawrence, C. Harland, Taunton, Mass. Yarn spun with a mixture of cotton and wool. 172,924; Sept. 11; Serial No. 177,006; published May 29, 1923.

Lawrence Soap Co., Methuen, Mass. Soaps. 170,652; July 17; Serial No. 169,366; published Apr. 24, 1923.

Lawrence, W. A., Co. Inc., Poughkeepsie, N. Y. Knitted piece goods composed of a cotton back with wool face. 165,485; Mar. 13; Serial No. 167,680; published Dec. 19, 1922.

Lawrence, William, & Co., Limited, Colwick, England. Furniture and upholstery. 169,875; July 3; Serial No. 134,969; published Apr. 3, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Lawrence, Willse M., Brookline, Mass., and Bartow, Fla. Wrenches. 171,724; Aug. 14; Serial No. 170,721; published May 8, 1923.
Lawrenceburg Roller Mills Co., Lawrenceburg, Ind. Wheat flour. 166,147; Mar. 27; Serial No. 157,071; published Oct. 31, 1922.
Lawrenceburg Roller Mills Co., Lawrenceburg, Ind. Scratch feed. 167,193; Apr. 24; Serial No. 162,423; published Dec. 12, 1922.
Lawrenceburg Roller Mills Co., Lawrenceburg, Ind. Wheat flour. 170,791; July 24; Serial No. 170,774; published Mar. 13, 1923.
Lawrenceburg Roller Mills Co., Lawrenceburg, Ind. Self-rising flour. 172,467–8; Aug. 28; Serial Nos. 170,772–3; published May 8, 1923.
Lawrenceburg Roller Mills Co., Lawrenceburg, Ind. Self-rising flour. 172,601; Sept. 11; Serial No. 170,771; published June 5, 1923.
Lawrenceburg Roller Mills Co., Lawrenceburg, Ind. Scratch feed for poultry. 172,981; Sept. 11; Serial No. 174,314; published June 5, 1923.
Lawrenceburg Roller Mills Co., Lawrenceburg, Ind. Wheat flour. 176,836; Dec. 4; Serial No. 178,744; published Sept. 11, 1923.
Lawton, Thomas, New York, N. Y. Devices for massaging or exercising the human body. 172,274; Aug. 28; Serial No. 177,851; published May 29, 1923.
Layng, Charles H., New York, N. Y. Sapphires. 163,851; Jan. 30.
Lazar, Sol, doing business as Semper-Vita Laboratories, Chicago, Ill. Liver tonic and blood purifier. 165,602; Mar. 13; Serial No. 167,003; published Dec. 12, 1922.
Lazarus, Goldberg & Friedman, Inc., New York, N. Y. Boys', students', young men's and men's suits, knickerbockers, and topcoats. 171,855; Aug. 14; Serial No. 170,775; published May 22, 1923.
Lazell Perfumer, Newburgh, N. Y. Rouge and powder compact package. 174,665; Oct. 23; Serial No. 170,300; published July 24, 1923.
Lazier, J. F., Mfg. Co., St. Louis, Mo. Nonalcoholic, maltless soft drinks. 171,050; July 31; Serial No. 175,430; published May 8, 1923.
Lazier, J. F., Mfg. Co., St. Louis, Mo. Nonalcoholic maltless soft drinks. 173,989; Oct. 2; Serial No. 178,745; published July 17, 1923.
Lazinsky, Barnet, doing business as Resolute Shirt Co., New York, N. Y. Dress shirts. 163,593; Jan. 23.
Lazrus, Benjamin, New York, N. Y. Watches. 166,589; Apr. 10; Serial No. 168,581; published Dec. 26, 1922.
Lea, Leander A., Bossier, La. Hair tonic. 172,791; Sept. 11; Serial No. 175,503; published June 5, 1923.
Leach, C. H., Company, Boston, Mass. Oil condensers, heat exchangers, and dephlegmators. 175,078; Oct. 30; Serial No. 169,720; published Aug. 7, 1923.
Leach, C. H., Company, Boston, Mass. Oil condensers, heat exchangers, and dephlegmators. 175,958; Nov. 13; Serial No. 169,719; published Aug. 21, 1923.
Leach, L. D., & Company, Chicago, Ill. Hardwood flooring. 171,566; Aug. 7; Serial No. 174,017; published Mar. 27, 1923.
Leadclad Wire Company, Wheeling and Moundsville, W. Va. Woven-wire fencing, barbed wire, steel fenceposts, and wire staples. 173,585; Sept. 25.
Leader Iron Works, Decatur, Ill. Tanks. 171,575; Aug. 7; Serial No. 172,749; published May 22, 1923.
Leahy, George F., Syracuse, N. Y. Preparation for the relief of chronic and acute neuritis. 167,659; May 8; Serial No. 167,821; published Jan. 30, 1923.
Leahy Manufacturing Co., Higginsville, Mo. Incubators and brooders. 177,590; Dec. 18.
Leather Products & Finishing Co., Los Angeles, Calif. Ring books, leather coin pouches, leather key cases, and special leather letter covers. 170,560; July 17; Serial No. 173,902; published Apr. 17, 1923.
Lebanon Boiler Works. (See Petty, J. K., & Company.)
Lebannon Oil Co., Chicago, Ill. Salad oil. 171,761; Aug. 14; Serial No. 160,416; published May 15, 1923.
Le Blume Import Co., Inc., New York, N. Y. Soap. 168,907; May 29; Serial No. 163,313; published Mar. 6, 1923.
Lebwohl & Mindich, New York, N. Y. Tobacco, cigar, and cigarette boxes. 174,375; Oct. 16; Serial No. 166,950; published July 17, 1923.
Lechner, George S., doing business as Radina Remedy Co., Brooklyn, N. Y. Medicinal preparation used in the treatment of rheumatism, neuralgia, gout, sciatica, etc. 163,107; Jan. 2.
Lechner, George S., doing business as Radina Remedy Co., Brooklyn, N. Y. Laxative for regulating the bowels. 164,147; Feb. 13.
Lecithin Company, New York, N. Y. Medicinal composition for neurasthenic disorders. 173,048; Sept. 11; Serial No. 176,839; published June 12, 1923.
Leclare Laboratories, The. (See Hinkle, Hutchinson S.)
Lederer, Herbert B., Corp., New York, N. Y. Ginghams. 175,519; Nov. 6; Serial No. 177,089; published Aug. 28, 1923.
Lederer & Latz, doing business as The Barriemore Shop, New York, N. Y. Shoes made of leather. 170,387; July 17; Serial No. 170,655; published Apr. 3, 1923.
Lederle Antitoxin Laboratories, New York, N. Y. Fermented bottled milk. 169,164; June 12; Serial No. 167,136; published Mar. 27, 1923.
Le Dontree Manufacturing Company, The, Cincinnati, Ohio. Paper bags. 163,751; Jan. 23.
Lee Brothers Company, San Antonio, Tex. Trousers, overalls, shirts. 175,000; Oct. 30; Serial No. 172,603; published Aug. 7, 1923.
Lee County Packing Co., Fort Myers, Fla. Fresh citrous fruits. 176,253; Nov. 20; Serial No. 178,261; published Sept. 4, 1923.
Lee, Francis, & Company. (See Asher, Helen.)
Lee, Harry C., & Company, New York, N. Y. Golf balls. 175,595; Nov. 6; Serial No. 179,278; published Aug. 21, 1923.
Lee, Harry C., & Company, New York, N. Y. Tennis rackets. 175,596; Nov. 6; Serial No. 179,277; published Aug. 21, 1923.
Lee, Jackson D., Wyncote, Pa. Powders and tablets to aid digestion and relieve neuralgia and headaches, etc. 173,833; Oct. 2; Serial No. 174,789; published June 26, 1923.
Lee, John C., sr., Leesburg, Fla. Fresh oranges, grapefruit, and tangerines and other fresh citrus fruits. 166,421; Apr. 3; Serial No. 164,815; published Jan. 9, 1923.
Lee Paper Company, Vicksburg, Mich. Bond paper for writing, ledger, and printing purposes. 165,321; Mar. 6; Serial No. 169,063; published Nov. 7, 1922.
Lee, Ray O., Kansas City, Mo. Dentifrice. 167,582; May 1; Serial No. 170,202; published Jan. 30, 1923.
Lee, Severin S., doing business as S. S. Lee & Co., Spokane, Wash. Chocolate-coated raisins. 171,306; Aug. 7; Serial No. 164,649; published May 1, 1923.
Lee-Strauss Co., Johnstown, Pa. Vegetable, mineral, and animal products. 175,653; Nov. 6; Serial No. 181,345; published Aug. 28, 1923.
Lee-Strauss Co., Johnstown, Pa. Antifreeze preparation for automobile radiators. 177,246; Dec. 11; Serial No. 181,344; published Aug. 21, 1923.
Lee, Virgil, Toronto, Ontario, Canada. Greaseless hair dressing and tonic. 169,887; July 3; Serial No. 155,353; published Mar. 6, 1923.
Leech, Arthur L., Co., The, Kennebunk, Me. Flavorings and extracts. 169,892; July 3; Serial No. 160,889; published Apr. 3, 1923.
Leech Tire Patch Company, Cincinnati, Ohio. Automobile tire patches. 163,108; Jan. 2.
Leeco Citrus Growers' Association, Fort Myers, Fla. Fresh citrous fruits. 175,615; Nov. 6; Serial No. 180,867; published Aug. 21, 1923.
Lees, James and Sons Company, Bridgeport, Pa. Worsted, woolen, silk, and silk and wool mixed yarns. 163,095; Jan. 2.
Leesburg Packing House, Leesburg, Fla. Fresh oranges, grapefruit, and tangerines and other fresh citrus fruits. 166,422; Apr. 3; Serial No. 164,813; published Jan. 9, 1923.
Lefas, Stephen D., doing business as Columbia Bottling Works, Washington, D. C. Ginger ale, root beer, and sarsaparilla. 165,748; Mar. 20; Serial No. 171,090; published Jan. 2, 1923.
Lefavor, Ralph G., Seattle, Wash. Corn meal, cracked wheat, health bran, etc. 165,241; Mar. 6.
Lefebvre, George E., Cleveland, Ohio. Saxophone and clarinet reeds. 172,428; Aug. 28; Serial No. 176,195; published May 15, 1923.
Leftwich, John G., doing business as Pyrea Chemical Co., St. Joseph, Mo. Tooth paste. 164,474; Feb. 20.
Legendy, Anna, Newark, N. J. Corn salves. 176,944; Dec. 4.
Leggett, Francis H., & Company, New York, N. Y. Flavoring preparation for food products. 170,164; July 10; Serial No. 169,859; published Apr. 3, 1923.
Leggett, Francis H., & Company, New York, N. Y. Canned apricots, grapes, plums, peaches, pineapple, etc. 171,247; July 31; Serial No. 171,275; published May 8, 1923.
Legion Publishing Corporation, New York, N. Y. Magazine section. 174,831; Oct. 23; Serial No. 176,196; published July 31, 1923.
Lehigh Corporation, The, New York, N. Y. Calculating machine. 163,661; Jan. 23.
Lehigh Silk Hosiery Mills Inc., New York, N. Y. Hosiery. 163,594–5; Jan. 23.
Lehigh Silk Hosiery Mills, Inc., New York, N. Y. Silk hosiery for women and children. 164,082; Feb. 13.
Lehigh Silk Hosiery Mills, Inc., New York, N. Y. Silk hosiery for women and children. 164,137; Feb. 13.
Lehigh Silk Hosiery Mills, Inc., New York, N. Y.; Philadelphia and Norristown, Pa.; and Hoboken, N. J. Silk hosiery. 173,589; Sept. 25.
Lehman Bros., New York, N. Y. Silver-plated articles. 174,351; Oct. 16; Serial No. 177,391; published May 29, 1923.
Lehman Brothers, Inc., New York, N. Y. Ladies' and misses' wearing apparel. 172,603; Sept. 11; Serial No. 170,656; published June 5, 1923.
Lehnhoff-Wyld, Frederic, Paris, France. Pharmaceutical products. 165,521; Mar. 13; Serial No. 164,016; published Dec. 26, 1922.
Lehnhoff-Wyld, Frederic, Paris, France. Oxychloride of bismuth in camphorated solution. 172,880–1; Sept. 11; Serial No. 175,901–2; published May 29, 1923.
Lehoczky, Helen, Cleveland, Ohio. Confection. 171,416; Aug. 7; Serial No. 172,481; published May 8, 1923.

Lehon Company, The, Chicago, Ill. Asphalt shingles. 167,908; May 8; Serial No. 168,975; published Jan. 9, 1923.

Lehr, Horace, doing business as H. Lehr & Co., Easton, Pa. Upright and grand pianos, player pianos, electric and reproducing pianos, and phonographs. 173,002; Sept. 11; Serial No. 177,494; published June 5, 1923.

Leib, William A., Co. Inc., New York, N. Y. Sweaters, dresses, and scarfs. 175,114; Oct. 30; Serial No. 176,744; published Aug. 14, 1923.

Leich, John H., Co., New York, N. Y. Bathing suits. 164,040; Feb. 6.

Leichner, L., Berlin, Germany. Face powder, toilet rouge powder and toilet rouge sticks, etc. 176,233; Nov. 20; Serial No. 166,186; published Aug. 7, 1923.

Leichtman, Calvin, doing business as Leichtman Candy Manufacturing Company, Hazleton, Pa. Candy. 175,124; Oct. 30; Serial No. 175,932; published Aug. 14, 1923.

Leigh Banana Case Company, Chicago, Ill. Shipping crates and hampers. 165,177; Mar. 6; Serial No. 170,495; published Dec. 12, 1922.

Leigh Chemist, Inc., New York, N. Y. Perfumes. 175,582; Nov. 6; Serial No. 181,287; published Aug. 28, 1923.

Leigh Chemist, Inc., New York, N. Y. Perfumes. 175,583; Nov. 6; Serial No. 181,288; published Aug. 21, 1923.

Leikauf, George, & Co. (See Leikauf, George L.)

Leikauf, George L., doing business as George Leikauf & Co., New York, N. Y. Pencil sharpeners. 164,195; Feb. 13.

Leitchfield Clothing Co., Leitchfield, Ky. Men's and young men's suits. 169,315; June 12; Serial No. 169,639; published Mar. 20, 1923.

Leland Lock Company, Detroit, Mich. Locks for automobiles and parts thereof. 173,520; Sept. 25.

Lemaitre, Jean R., Paris, France. Antiseptic compounds. 163,361; Jan. 9.

Lemes, Benigno R., New York, N. Y. Automatic pistols, revolvers, shotguns, and rifles. 168,299; May 15.

Lemoine, Hyatt, New York, N. Y. One piece overall or combination suits. 168,321; May 22; Serial No. 167,644; published Feb. 13, 1923.

Lemoine, Pierre, Cie., Inc., New York, N. Y. Perfumery. 165,765; Mar. 20; Serial No 160,970; published Jan. 2, 1923.

Lemoine, Narcisse, doing business as N. Lemoine Company, Framingham, Mass. Medicinal preparation for the treatment of piles. 175,897; Nov. 13; Serial No. 176,083; published Aug. 14, 1923.

Lemoine, Narcisse, doing business as N. Lemoine Company, Framingham, Mass. Preparation for the treatment of catarrh. 175,898; Nov. 13; Serial No. 176,084; published Aug. 14, 1923.

Lemonium Company. (See Puente & Cicero.)

Lenapé Silk Company, East Stroudsburg, Pa. Broad silk goods in the piece. 170,044; July 10; Serial No. 175,089; published Apr. 10, 1923.

Leo, Ansel S., New York, N. Y. Wheat flour. 176,650; Nov. 27; Serial No. 143,823; published July 31, 1923.

Leolith Products Corporation, New York, N. Y. Wall board, shingles, tiles, etc. 172,682; Sept. 11; Serial No. 162,995; published June 5, 1923.

Leon Israel & Bros., Inc., New York, N. Y. Coffee and tea. 176,652; Nov. 27; Serial No. 125,112; published Sept. 11, 1923.

Leonard, Charles R., doing business as C. R. Leonard Company, Seattle, Wash. Carbon paper. 177,753; Dec. 25; Serial No. 179,007; published Oct. 9, 1923.

Leonard, H. L., Rod Co., The, New York, N. Y. Fishing rods and reels. 167,070; Apr. 24; Serial No. 172,336; published Feb. 6, 1923.

Leonard, H. L., Rod Co., New York, N. Y. Split bamboo lengths. 168,732; May 29; Serial No. 172,337; published Feb. 13, 1923.

Leonard, Morton & Co., Chicago, Ill. Men's work shirts. 164,830; Feb. 27.

Leonardi, S. B., & Co. Inc., New Rochelle, N. Y. Preparations for the treatment of the blood, chronic rheumatism, pimples, boils, etc. 167,404; May 1; Serial No. 165,591; published Dec. 26, 1922.

Leonhard, Theodor, Wax Co., Paterson, N. J. Beeswax. 164,682–4; Feb. 27.

Lequy, Jules, doing business as Artemesia, Montreal, Quebec, Canada. Hair tonic. 167,351; May 1; Serial No. 150,694; published Jan. 23, 1923.

Le Roy Medicine Company. (See Romanik, Louis.)

Le Roye, Ltd., Chicago, Ill. Liquid preparation for keeping curl in hair. 174,574; Oct. 23; Serial No. 179,541; published July 24, 1923.

Lesh, C. P., Paper Company, Indianapolis, Ind. Writing, printing, and book paper. 167,341; May 1; Serial No. 163,093; published July 25, 1922.

Lesher, Whitman & Co., Inc., New York, N. Y. Piece goods. 166,375; Apr. 3; Serial No. 169,813; published Dec. 19, 1922.

Les Parfums Forest. (See Cohn, Léon.)

Les Perfums de Rosine. (See Poiret, Paul.)

Lessenhop, G. F., & Sons, Inc., Lincoln, Nebr. Creamery and bottled alkali, laundry soda, caustic soda, etc. 165,564; Mar. 13; Serial No. 157,576; published Dec. 12, 1922.

Lesser and Oppenheimer Inc., New York, N. Y. Shirts, pyjamas, underwear, etc. 172,154; Aug. 21.

Lester, George F., San Antonio, Tex. Shirts, union suits, drawers, pyjamas, etc. 175,189; Oct. 30; Serial No. 175,727; published Aug. 7, 1923.

Lester Piano Company, Philadelphia, Pa. Pianos and player pianos. 169,001; May 29.

Letts, Arthur, assignor to The Broadway Department Store, Los Angeles, Calif. Boys' suits, overcoats, nightshirts, pyjamas, shirts, etc. 171,723; Aug. 14; Serial No. 111,114; published May 15, 1923.

Levene, Ben, Inc., New York, N. Y. Ladies' hosiery 173,395; Sept. 25; Serial No. 173,395; published June 26, 1923.

Levenson and Zenitz, Baltimore, Md. Folding beds, davenports, and couches. 167,491; May 1; Serial No. 143,281; published Dec. 26, 1922.

Lever Brothers Company, Cambridge, Mass. Soap. 167,446; May 1; Serial No. 164,548; published Jan. 2, 1923.

Lever Brothers Company, Cambridge, Mass. Soap and soap powder. 170,676; July 17; Serial No. 171,130; published Apr. 24, 1923.

Lever Brothers Company, Cambridge, Mass. Soap. 174,859; Oct. 23; Serial No. 180,610; published July 24, 1923.

Levey Printing Company, Indianapolis, Ind. Blank papers, lining paper, and fly sheets for book covers and letter heads. 173,227; Sept. 18; Serial No. 173,504; published May 29, 1923.

Levey Printing Company, Indianapolis, Ind. Periodical magazine. 174,717; Oct. 23; Serial No. 173,503; published June 26, 1923.

Levey Printing Company, Indianapolis, Ind. Card-index and other filing cabinets, desks, stools, etc. 174,992; Oct. 30; Serial No. 173,510; published Aug. 7, 1923.

Levey Printing Company, Indianapolis, Ind. Filing and other cabinets, desks, stools, etc. 175,336; Nov. 6; Serial No. 173,507; published Aug. 14, 1923.

Levey Printing Company, Indianapolis, Ind. Paper, blank books, etc. 176,730; Nov. 27; Serial No. 173,508; published Sept. 11, 1923.

Levey Printing Company, Indianapolis, Ind. Wall calendars, almanacs, printed books, etc. 177,300; Dec. 18; Serial No. 173,506; published Sept. 25, 1923.

Levey Printing Company, Indianapolis, Ind. Wall calendars, almanacs, printed books, etc. 177,301; Dec. 18; Serial No. 173,509; published Sept. 25, 1923.

Levey Printing Company, Indianapolis, Ind. Paper, bank-note wrappers, blank books. 177,557; Dec. 18; Serial No. 173,505; published Sept. 18, 1923.

Levey, Samuel B., doing business as Wonder Products Company, Newark, N. J. Shampoo. 172,606; Sept. 11; Serial No. 170,172; published May 29, 1923.

Levi, Bert, & Co., Inc., New York, N. Y. Cotton piece goods. 172,923; Sept. 11; Serial No. 177,133; published May 29, 1923.

Levi and Seligman, Inc., New York, N. Y. Underwear, hosiery, sweaters, etc. 168,005; May 8.

Levi Strauss & Co., San Francisco, Calif. Men's, youths', and boys' shirts. 174,254; Oct. 9; Serial No. 153,477; published July 3, 1923.

Levin, Henry M., doing business as Rawhide Products Distributing Co., Kenilworth, N. J. Blow-out patches, fan belts, brake linings, etc. 169,723; June 26.

Levin, Herman R., Los Angeles, Calif. Pearl necklaces, bracelets, sautoirs, earrings, etc. 167,756; May 8; Serial No. 107,532; published Feb. 6, 1923.

Levine, Benjamin A., doing business as Benjamin Alva Levine Company, New York, N. Y. Hosiery. 164,584; Feb. 20.

Levine, Benjamin Alva, Company. (See Levine, Benjamin A.)

Levine Brothers, Cincinnati, Ohio. Boys' suits. 163,109–10; Jan. 2.

Levine Brothers, Cincinnati, Ohio. Men's suits. 163,111; Jan. 2.

Levine Brothers, Cincinnati, Ohio. Men's suits. 169,433; June 12.

Levitan, Hyman, Boston, Mass. Artificial pearls. 174,564; Oct. 23; Serial No. 177,306; published July 10, 1923.

Levite Manufacturing Company, Dothan, Ala. Tonic to be applied to the scalp and as a tonic and dressing for the hair. 176,377; Nov. 27; Serial No. 177,679; published July 31, 1923.

Levitt, Benjamin, Philadelphia, Pa. Gasket shellac, glue, and paste. 171,347; Aug. 7; Serial No. 173,290; published May 1, 1923.

Levitt, Max, doing business as Fashion Model Co., Brooklyn, N. Y. Clothing models and patterns. 171,841; Aug. 14; Serial No. 171,224; published May 15, 1923.

Levring and Company, Incorporated, St. Louis, Mo. Cheese and butter color. 174,061; Oct. 2; Serial No. 178,449; published July 10, 1923.

Levring & Company, Inc., St. Louis, Mo. Rennet extract, rennet tablets, and lactic-acid ferment. 174,572; Oct. 23; Serial No. 178,450; published July 24, 1923.

Levussove, Louis, New York, N. Y. Human and animal hair. 170,670; July 17; Serial No. 162,751; published Oct. 10, 1922.

Levy, Ernest & Herman, Inc., New York, N. Y. Silk ribbons. 163,229; Jan. 2.

Alphabetical list of registrants of trade-marks—Continued.

Levy, Jack, Inc., New York, N. Y. Dresses. 173,194; Sept. 18; Serial No. 173,136; published June 12, 1923.
Levy, Leo E., doing business as Popular Brassiere Company. New York, N. Y. Brassières. 164,768; Feb. 27.
Levy, Lorna, New York, N. Y. Hair salve. 163,112; Jan. 2.
Levy, Louis, doing business as O. K. Bottler's Supply House, New York, N. Y. Malt sirup. 175,440; Nov. 6; Serial No. 137,287; published Aug. 28, 1923.
Levy, M. S., & Sons Inc., Baltimore, Md. Hats for men. 176,830; Dec. 4; Serial No. 181,490; published Sept. 11, 1923.
Levy, Maurice, New York, N. Y. Atomizers. 164,896; Feb. 27.
Levy, Maurice, New York, N. Y. Powder puffs. 169,720; June 26.
Levy-Shulman & Co. Inc., New York, N. Y. Women's dresses. 173,200; Sept. 18; Serial No. 172,996; published June 12, 1923.
Levy-Shulman & Co. Inc., New York, N. Y. Dresses. 176,801; Nov. 27.
Levy, Simeon S., doing business as La Fleur Laboratories. Cleveland, Ohio. Hair dressing. 174,322; Oct. 16; Serial No. 177,854; published July 10, 1923.
Lewgold Imports. (See Goldberg, Eli F.)
Lewis, Aaron L., doing business as A. L. Lewis Co., Canton, Ohio. Electrical fuse plugs. 173,079; Sept. 11.
Lewis & De Roy Radio Corporation, New York, N. Y. Radio receiving instruments and parts thereof. 164,694; Feb. 27.
Lewis, Edgar P., Boston, Mass. Chocolates and cream walnuts. 166,994; Apr. 17.
Lewis, Florence N., doing business as Elizabeth Arden, New York, N. Y. Dentifrice. 168,037; May 8.
Lewis, Florence N., doing business as Elizabeth Arden, New York, N. Y. Powder, rouge, and lip sticks. 168,495; May 22.
Lewis, Florence N., doing business as Elizabeth Arden, New York, N. Y. Face cream. 168,496; May 22.
Lewis, Florence N., doing business as Elizabeth Arden, New York, N. Y. Depilatories. 168,497; May 22.
Lewis, Florence N., doing business as Elizabeth Arden, New York, N. Y. Skin-cleansing cream. 168,498; May 22.
Lewis, Florence N., doing business as Elizabeth Arden, New York, N. Y. Nail polish and hand cream. 168,499; May 22.
Lewis, Florence N., doing business as Elizabeth Arden, New York, N. Y. Powder, rouge, and lip sticks. 168,501; May 22.
Lewis, Florence N., doing business as Elizabeth Arden, New York, N. Y. Skin lotion. 169,090; June 5.
Lewis, Florence N., doing business as Elizabeth Arden, New York, N. Y. Perfumes. 169,109; June 5.
Lewis, Florence N., doing business as Elizabeth Arden, New York, N. Y. Rouge and powder. 169,500; May 22.
Lewis, Florence N., doing business as Elizabeth Arden, New York, N. Y. Lip paste and lip pencils. 172,658; Sept. 11; Serial No. 174,842; published June 5, 1923.
Lewis, Florence N., doing business as Elizabeth Arden, New York, N. Y. Lip paste and pencils. 172,731; Sept. 11; Serial No. 174,470; published May 22, 1923.
Lewis, Florence N., doing business as Elizabeth Arden, New York, N. Y. Rouge and powder. 172,732; Sept. 11; Serial No. 174,469; Published May 22, 1923.
Lewis, Florence N., doing business as Elizabeth Arden, New York, N. Y. Rouge or powder. 172,840; Sept. 11; Serial No. 177,856; published June 5, 1923.
Lewis, G. B., Company, Watertown, Wis. Shipping boxes. 164,439; Feb. 20.
Lewis, G. B., Company, Watertown, Wis. Beehives. 174,926; Oct. 23.
Lewis & Harris Handwoven Tweed Company, Limited, The, Stornaway, Lewis Island, Scotland. Cloths and stuffs of wool, worsted, or hair. 171,499; Aug. 7; Serial No. 171,131; published May 22, 1923.
Lewis, J. P., Company, The, New York, N. Y. Fiber board. 165,201; Mar. 6; Serial No. 167,472; published Nov. 28, 1922.
Lewis, James H., doing business as Lewis Economics Co., Not Inc., Chicago, Ill. Vegetable and mineral compound for neutralizing lactic acids in whipping cream and eggs. 173,855; Oct. 2; Serial No. 175,253; published July 3, 1923.
Lewis, L. H., Company, Dallas, Tex. Buttons, elastic webbing, and toilet pins. 165,355; Mar. 6; Serial No. 168,475; published Dec. 5, 1922.
Lewis, L. H., Company, Dallas, Tex. Hair nets. 166,952; Apr. 17; Serial No. 171,425; published Jan. 30, 1923.
Lewis Manufacturing Company, Walpole, Mass. Cheesecloth, crinoline, and bunting in the piece. 174,977; Oct. 30; Serial No. 150,319; published Aug. 7, 1923.
Lewis, Nat, Inc., New York, N. Y. Hosiery, shirts, gloves, tights, etc. 164,576; Feb. 20.
Lewis Oil Company, St. Louis, Mo. Lubricant dressing for automobile planetary transmissions, etc. 166,495; Apr. 3; Serial No. 171,852; published Jan. 9, 1923.
Lewis, Roy B., doing business as Roy B. Lewis Co., Duluth, Minn. Hosiery. 177,274; Dec. 11; Serial No. 183,306; published Sept. 25, 1923.

Lewis-Wise Co., Inc., New York, N. Y. Men's robes. 174,172; Oct. 9; Serial No. 179,873; published July 17, 1923.
Leys, Christie & Co., New York, N. Y. Artificial pearls. 171,795; Aug. 14; Serial No. 179,734; published May 29, 1923.
L'Heureux, Gustave, doing business as Liberty Chemical Company, Pawtucket, R. I. Chemical compound to remedy defective insulation in electrical conductors. 163,087; Jan. 2.
Libbe, Leona, Inc., New York, N. Y. Cream which is applied to the face to stimulate circulation. 165,469; Mar. 13; Serial No. 167,573; published Dec. 12, 1922.
Libbey Glass Manufacturing Co., The, Toledo, Ohio. Glassware. 163,510; Jan. 16.
Libbey Glass Manufacturing Co., The, Toledo, Ohio. Glassware. 174,932; Oct. 30; Serial No. 171,807; published July 24, 1923.
Libby Chemical Company. (See Ferber, Robert R., assignor.)
Libby Chemical Company. (See Mueller, Theodore J., assignor.)
Libby, Lewis L., doing business as Libby Manufacturing Company, Plainfield, N. J. Transmission linings. 169,142; June 12; Serial No. 156,284; published Mar. 13, 1923.
Libby Manufacturing Company. (See Libby, Lewis L.)
Libby, McNeill & Libby, Chicago, Ill. Canned, dried, and preserving fruits, berries, vegetables, etc. 176,267; Nov. 20; Serial No. 176,268; published Sept. 4, 1923.
Libby, McNeill & Libby, Chicago, Ill. Pork and beans, meat extracts, bouillon cubes, etc. 176,503; Nov. 27; Serial No. 159,711; published July 31, 1923.
Liberman, M., Mfg. Co. (See Liberman, Meyer.)
Liberman, Meyer, doing business as M. Liberman Mfg. Co., Vallejo, Calif. Pants, vests, coats, work shirts, hiking breeches for men and women. 171,852; Aug. 14; Serial No. 170,940; published May 15, 1923.
Liberty Bed Spring Co., New York, N. Y. Bed springs. 165,163; Mar. 6; Serial No. 143,096; published Dec. 5, 1922.
Liberty Chemical Company. (See L'Heureux, Gustave.)
Liberty & Co. Limited, London, England. Piece goods of cotton. 169,602; June 26; Serial No. 171,808; published Mar. 27, 1923.
Liberty Gauge & Instrument Co., The, Cleveland, Ohio. Electric hot plates. 164,185; Feb. 13.
Liberty Macaroni Manufacturing Co., St. Louis, Mo. Macaroni, spaghetti, noodles, and short paste stuff. 168,343; May 22; Serial No. 153,609; published Feb. 27, 1923.
Liberty Macaroni Manufacturing Co., St. Louis, Mo. Macaroni, spaghetti, noodles, etc. 176,994; Dec. 11; Serial No. 176,745; published Sept. 25, 1923.
Liberty Mercantile House, Chicago, Ill. Canned vegetables, coffee, and oriental candy. 165,595; Mar. 13; Serial No. 140,041; published Dec. 26, 1922.
Liberty Produce Company. (See Maeda, Y.)
Liberty Self-Service Corporation, Charlotte, N. C. Store counters. 164,036; Feb. 6.
Liberty Starters Corporation, New York, N. Y. Electrical starters for engines. 165,165; Mar. 6; Serial No. 132,699; published Nov. 28, 1922.
Liberty Storage Battery Company. (See Biehl, George M.)
Libisch, François, Paris, France. Perfumery, scents, toilet water, hair water and dyes, etc. 172,862; Sept. 11; Serial No. 170,982; published June 5, 1923.
Lichtenstein, I., Inc., New York, N. Y. Women's hats. 176,374; Nov. 20.
Lieberman, Charles A., et al., successors. (See Roth, A. P., and Van Harlingen.)
Liebert Weintraub & Simon, Inc., New York, N. Y. Men's and young men's outer dress shirts. 164,241; Feb. 13.
"Life Tube Company." (See Forster, Charles D.)
Liebmann's, S., Sons, Inc., Brooklyn, N. Y. Malt beverage. 173,952; Oct. 2; Serial No. 175,360; published July 10, 1923.
Life O Wheat Milling & Baking Co. (See Sampson, Paul O.)
Life Planning Institute, Chicago, Ill. Books and pamphlets of an educational nature. 175,814; Nov. 13; Serial No. 157,069; published Aug. 21, 1923.
Lifschitz, Chas. W., New York, N. Y. Neckbands for men's shirts. 169,300; June 12; Serial No. 166,627; published Mar. 20, 1923.
Lifschitz, Charles W., New York, N. Y. Neckbands for men's shirts. 171,131; July 31; Serial No. 159,400; published May 8, 1923.
Liggett & Myers Tobacco Company, New York, N. Y. Smoking and chewing tobacco and cigarettes. 164,301; Feb. 20.
Liggett & Myers Tobacco Company, New York, N. Y. Cigarettes. 164,820; Feb. 27.
Liggett & Myers Tobacco Company, New York, N. Y. Smoking and chewing tobacco and cigarettes. 168,082; May 15; Serial No. 138,771; published Feb. 27, 1923.
Lightfoot Schultz Company, Hoboken, N. J. Soaps. 165,208; Mar. 6; Serial No. 166,779; published Nov. 28, 1922.

Alphabetical list of registrants of trade-marks—Continued.

Lightfoot Schultz Company, Hoboken, N. J. Face powders and creams, perfumes, toilet waters, rouges, etc. 169,845; July 3; Serial No. 172,947; published Mar. 13, 1923.

Lightfoot Schultz Company, Hoboken, N. J. Soaps. 174,911; Oct. 23; Serial No. 179,108; published July 24, 1923.

Lightfoot Schultz Company, Hoboken, N. J. Soaps. 175,871; Nov. 13; Serial No. 179,107; published Aug. 21, 1923.

Lightning Auto Polish Company. (See Hancock, Abram O.)

Lijm-en-Gelatinefabriek-Delft, Delft, Netherlands. Gelatin. 177,599; Dec. 18.

Likly, Henry, & Company, Rochester, N. Y. Trunks, traveling bags, and portfolios. 163,362; Jan. 9.

Liko Co., The. (See Siegel, Morris.)

Lilienthal & Grossman, Inc., New York, N. Y. Cotton-fabric gloves. 176,901; Dec. 4.

Lilienthal & Grossman, Inc., New York, N. Y. Gloves. 176,997; Dec. 11; Serial No. 176,352; published Aug. 28, 1923.

Lilleberg, Charles L., Chicago, Ill. Timing switches for internal-combustion engines. 166,543; Apr. 10; Serial No. 152,511; published Jan. 9, 1923.

Lilly, Dungan & Company, Baltimore, Md. Cigars, cigarettes, smoking tobacco. 170,693; July 17.

Lilly, E. F., doing business as E. F. Lilly Company, Morganton, N. C. Insect-destroying compound. 176,316; Nov. 20; Serial No. 179,048; published Aug. 14, 1923.

Lilly, Eli, and Company, The, now by change of name Eli Lilly & Company, Indianapolis, Ind. Soap. 173,605; Oct. 2; Serial No. 166,459; published June 26, 1923.

Lilly, Eli, & Company, Indianapolis, Ind. Medicinal ointment. 173,653; Oct. 2; Serial No. 176,559; published June 19, 1923.

Lilly, Eli, and Company, The, now by change of name Eli Lilly & Company, Indianapolis, Ind. Liquid medicinal preparation containing quinine. 174,144; Oct. 2.

Lilly, Eli, & Company, The, now by change of name Eli Lilly & Company, Indianapolis, Ind. Medical preparation. 174,383; Oct. 16; Serial No. 159,212; published July 17, 1923.

Lily Brook Farms, Inc., Buffalo, N. Y. Cheese, canned, fresh, and evaporated milk and cream. 176,749; Nov. 27; Serial No. 175,800; published Aug. 7, 1923.

Limbaugh, E. E., doing business as The Probaugh Company, Atlanta, Ga. Antiseptic and germicide. 175,409; Nov. 6; Serial No. 175,563; published Aug. 14, 1923.

Linahan, Charles, Troy, Mo. Nonalcoholic preparation for relieving dyspepsia, etc. 177,360; Dec. 18; Serial No. 181,900; published Sept. 25, 1923.

Lincoln, Abe, Post Card Co. (See Cunningham, Charles A.)

Lincoln Knit Goods Mills. (See Ely & Walker Dry Goods Company.)

Lincoln Laboratories, Inc., Chicago, Ill. Beauty clay. 177,206; Dec. 11; Serial No. 179,308; published Sept. 18, 1923.

Lincoln Motor Company, Highland Park, Mich. Motor cars. 170,692; July 17.

Lincoln Radio Corporation, Chicago, Ill. Radio receiving sets. 171,959; Aug. 14.

Lincoln Record Corporation, New York, N. Y. Phonograph records. 174,877; Oct. 23; Serial No. 180,133; published July 24, 1923.

Lincoln School Supply Company. (See Stephenson, Samuel C., assignor.)

Lincoln Steel Products Company. (See Pence, Harry E.)

Lind Shoe and Slipper Company, Worcester, Mass. Slippers. 176,831; Dec. 4; Serial No. 181,642; published Sept. 18, 1923.

Lindau, Jules W., jr., New York, N. Y. Envelopes. 167,665; May 8; Serial No. 169,979; published Feb. 20, 1923.

Linde Air Products Company, The, New York, N. Y. Monthly periodical. 165,254; Mar. 6; Serial No. 168,320; published Dec. 19, 1922.

Lindeke, Warner & Sons, Inc., St. Paul, Minn. Bathing suits. 164,759; Feb. 27.

Lindeke, Warner & Sons, Incorporated, St. Paul, Minn. Men's and boys' overalls and coveralls. 168,330; May 22; Serial No. 165,026; published Oct. 31, 1922.

Lindemann, A. J., & Hoverson Company, Milwaukee, Wis. Electric stoves, heaters, sadirons, etc. 171,019; July 31; Serial No. 167,575; published Apr. 24, 1923.

Lindenblossom Syrup Works. (See Schutte, Willebrordus J.)

Lindsay Co-Operative Citrus Association, Lindsay, Calif. Fresh citrous fruits. 169,716; June 26.

Lindsay Co-Operative Citrus Association, Lindsay, Calif. Fresh citrous fruits. 173,496; Sept. 25; Serial No. 175,609; published June 19, 1923.

Lindsay Co-Operative Citrus Association, Lindsay, Calif. Fresh citrous fruits. 173,826; Oct. 2; Serial No. 175,610 published June 26, 1923.

Lindsay-McMillan Company, Milwaukee, Wis. Soaps, cotton-seed soap stocks, and sweeping compounds. 163,786; Jan. 30.

Lindsley, Benjamin F., doing business as The Perfection Bed Spring Company, Mansfield, Ohio. Bed springs. 174,828; Oct. 23; Serial No. 175,801; published July 31, 1923.

Lindstrom, Victoria C., doing business as Potor Coffee Co., New York, N. Y. Coffees and teas. 167,069; Apr. 24; Serial No. 158,050; published Feb. 6, 1922.

Lineaweaver and Swift, St. Louis, Mo. Map-measuring instrument. 167,218; Apr. 24; Serial No. 158,781; published Dec. 5, 1922.

Linen Thread Company, The, doing business as The Finlayson Flax Spinning Co., Boston, Mass. Linen thread. 175,417; Nov. 6; Serial No. 160,712; published Aug. 28, 1923.

Linette, David, New York, N. Y. Gravity paper cutter. 169,331; June 12; Serial No. 174,400; published Mar. 20, 1923.

Lingua, G., & Co., Los Angeles, Calif Olive oil. 168,158; May 15; Serial No. 165,237; published Feb. 13, 1923.

Lining Importers & Converting Co. (See Sinai, Samuel.)

Link, Anton, Chicago, Ill. Combination mop and duster. 173,691; Oct. 2; Serial No. 177,395; published June 19, 1923.

Linkman, M. & Co., Chicago, Ill. Smoking pipes. 165,455–6; Mar. 13; Serial Nos. 171,504–5; published Dec. 26, 1922.

Linnenfabrieken E. J. F. Van Dissel & Zonen, Eindhoven, Netherlands. Linen, half-linen, and cotton fabrics. 177,748; Dec. 25; Serial No. 179,611; published Oct. 2, 1923.

Linsk, Alexander, & Company, assignor to H. J. Maxmin, Philadelphia, Pa. Boys' sailor suits. 171,130; July 31; Serial No. 159,157; published May 8, 1923.

Linton, Robert H., New York, N. Y. Woolen piece goods. 172,836; Sept. 11; Serial No. 178,930; published June 5, 1923.

Lion Knitting Mills. (See Neuman & Silver.)

Lion, Oscar, doing business as Lion and Company, New York, N. Y. Silk and cotton ribbon in the piece. 177,152; Dec. 11; Serial No. 182,249; published Sept. 18, 1923.

Liondale Shirt Co. Inc., The, New York, N. Y. Men's dress and negligee shirts. 164,578; Feb. 20.

Lionel Corporation, The, New York, N. Y. Electrical toys. 173,957; Oct. 2; Serial No. 163,099; published July 10, 1923.

Lionel Corporation, The, New York, N. Y. Toy transformers. 175,891; Nov. 13; Serial No. 129,731; published Sept. 4, 1923.

Lionel Corporation, The, New York, N. Y. Tracks for toy electrical trains. 177,431; Dec. 18; Serial No. 144,339; published Oct. 2, 1923.

Lionel Trading Co. Inc., New York, N. Y. Perfume-bottle holders. 164,325; Feb. 20.

Lionel Trading Co. Inc., New York, N. Y. Perfumes. 169,640; June 26; Serial No. 171,333; published Jan. 30, 1923.

Lionel Trading Co., Inc., New York, N. Y. Face powders and rouges. 169,675; June 26; Serial No. 174,085; published Apr. 24, 1923.

Lionel Trading Co. Inc., New York, N. Y. Perfumes, toilet waters, face lotions, creams, and powders, etc. 172,673; Sept. 11; Serial No. 174,083; published May 29, 1923.

Lipin, John, doing business as Motor Go Oil Company, Millersville, Md. Lubricating oils and greases and gasoline. 177,539; Dec. 18; Serial No. 183,630; published Oct. 2, 1923.

Lippincott, W. A., Company, Philadelphia, Pa. Cotton, woolen, and silk goods, and combination goods in the piece. 165,536; Mar. 13; Serial No. 159,590; published Nov. 7, 1922.

Lips Specialty Candy Co. (See Lipschultz, Louis L.)

Lipschultz, Louis L., doing business as Lips Specialty Candy Co., Chicago, Ill. Candy. 169,766; July 3; Serial No. 169,311; published Apr. 3, 1923.

Lipton, Thomas J., London, England, Colombo, Ceylon, and Calcutta, India. Coffee and tea. 23,837–8; renewed Nov. 21, 1923.

Liquid Carbonic Company, The, Chicago, Ill. Compound of vegetable gums and sugars for use as an ingredient of ice cream. 171,161; July 31; Serial No. 176,485; published May 22, 1923.

Liquid Carbonic Company, The, Chicago, Ill. Compound of vegetable gums and sugars. 175,600; Nov. 6; Serial No. 178,853; published Aug. 14, 1923.

Liquid Wrench Company. (See Carroll, John A.)

Lisk Manufacturing Company, Ltd., Canandaigua, N. Y. Metal culinary, household, and dairy utensils. 169,178; June 12. Serial No. 169,860; published Mar. 20, 1923.

Lissauer & Company. (See Mirabeau, Marcel M.)

Listerated Gum Corporation, New York, N. Y. Chewing gum. 173,683; Oct. 2; Serial No. 178,399; published July 10, 1923.

Lite Soap Company. (See Brignal, Guy E.)

Litterer Bros. Manufacturing Company, Chicago, Ill. Steel toilet partitions. 169,724; June 26.

Little, A. E., Company, Lynn, Mass. Leather boots and shoes. 166,035; Mar. 27; Serial No. 167,725; published Nov. 14, 1922.

Little, Brown & Company, Boston, Mass. Series of books. 171,773; Aug. 14; Serial No. 173,516; published May 8, 1923.

Little Cahaba Coal Co., Piper, Ala. Coal. 175,281; Oct. 30.

Little, Elmer & Son, Johnstown, N. Y. Gloves. 176,343; Nov. 20.

Alphabetical list of registrants of trade-marks—Continued.

Little Falls Felt Shoe Company, Little Falls, N. Y. Felt shoes and slippers. 163,236; Jan. 2.
Little, George, Limited, Manchester, England. Bacon, hams, and lard. 173,670; Oct. 2; Serial No. 177,839; published July 10, 1923.
Little Giant Company, Mankato, Minn. Metal signs. 169,072; June 5; Serial No. 170,394; published Mar. 13, 1923.
Little Giant Company, Mankato, Minn. Road-building machinery, metal-working equipment, etc. 173,252; Sept. 18; Serial No. 159,210; published June 19, 1923.
Little, Henry, & Sons, doing business as The Eagle Nest Hatchery, Upper Sandusky, Ohio. Live chicks. 176,187; Nov. 20; Serial No. 167,086; published Sept. 11, 1923.
Little Rock Barrel & Box Co., Little Rock, Ark. Barrels, boxes, crates, and fruit and vegetable containers. 166,383; Apr. 3; Serial No. 169,679; published Dec. 19, 1922.
Little Women Dress Co., New York, N. Y. Ladies' gowns, dresses, and costumes. 175,471; Nov. 6; Serial No. 181,956; published Aug. 28, 1923.
Littooy, John F., Boise, Idaho. Calcium-caseinate spreader to be added to sprays. 170,135; July 10; Serial No. 161,263; published Apr. 10, 1923.
Litwood Oil & Supply Company, Fort Worth, Tex. Oils and greases. 166,347; Apr. 3; Serial No. 157,226; published Jan. 16, 1923.
Livezey Supply Co., Newark, N. J. Catheters, bougies, rectal, colon, and stomach tubes, etc. 163,752; Jan. 23.
Livezey Supply Co., Newark, N. J. Medicated lubricant. 164,159; Feb. 13.
Livinggood Manufacturing Corporation, Lebanon, Pa. Portable refrigerators. 166,939; Apr. 17; Serial No. 171,426; published Jan. 23, 1923.
Livingston, Joseph, Pittsburgh, Pa. Preparation for treatment of consumption, etc. 173,579; Sept. 25.
L. J. & C. D. Jaffee, Inc., New York, N. Y. Coats and trousers. 168,023; May 8.
Lloyd Manufacturing Co., Anderson, Ind. Antitarnish balls composed of chemicals which absorb moisture, etc. 164,523; Feb. 20.
L. & M. System Clothes, Inc., New York, N. Y. Overcoats and suits. 177,404; Dec. 18; Serial No. 179,733; published Oct. 9, 1923.
Lob, Hubbart & Silverman, New York, N. Y. Men's and young men's suits and coats. 168,079; May 15; Serial No. 153,559; published May 23, 1922.
Lobel, Benjamin, doing business as Goodyear Waterproof Company, New York, N. Y. Raincoats, cravenettes, gabardines, sport coats, mackintoshes, etc. 164,810; Feb. 27.
Locatelli, Ercole H., doing business as Mattia Locatelli, New York, N. Y. Cheese. 169,122–4; June 5.
Locatelli, Ercole, doing business as Mattia Locatelli, New York, N. Y. Cheese. 173,533; Sept. 25.
Locci, Matte, doing business as Matte Locci Co., Chicago, Ill. French dressing, olive oil, cheese, and cheese dressing. 176,576; Nov. 27; Serial No. 178,265; published Aug. 21, 1923.
Locke Insulator Corporation, Baltimore, Md. Insulators for high-tension insulation. 167,606; May 1; Serial No. 163,526; published Feb. 20, 1923.
Lockport Paper Co., Lockport, N. Y. Asphalt strip shingles, asphalt prepared roofings, etc. 165,159; Mar. 6; Serial No. 147,298; published Oct. 17, 1922.
Lockyer, Emily G. F., London, England. Heated packing cases for keeping food hot. 172,039; Aug. 21; Serial No. 158,989; published May 29, 1923.
Locomobile Company of America, Incorporated, New York, N. Y. Automobiles and constructive parts thereof. 171,425; Aug. 7; Serial No. 172,002; published May 8, 1923.
Locomotive Stoker Company, Pittsburgh, Pa. Locomotive stokers and repair parts thereof. 165,123; Mar. 6; Serial No. 160,951; published Nov. 7, 1922.
Lodder, Andrew J., doing business as Park Chemical Company, Cincinnati, Ohio. Water-soluble powder for application to windows for eliminating sun glare. 176,173; Nov. 20; Serial No. 178,561; published Aug. 14, 1923.
Loeb, Ben S., New York, N. Y. Sadirons. 167,325; Apr. 24.
Loeb Dress Co. (See Ober, Jacob.)
Loeb, Herbert B., Philadelphia, Pa. Boxlike receptacles. 168,383; May 22; Serial No. 169,489; published Feb. 20, 1923.
Loeb & Schoenfeld Company, New York, N. Y. Cotton piece goods. 166,760; Apr. 10.
Loebsack, Gerhard, Cleveland, Ohio. Medicine for lung and liver ailments. 165,581; Mar. 13; Serial No. 162,827; published Dec. 5, 1922.
Loesberg, Abraham P., New York, N. Y. Tooth enamel. 168,502; May 22.
Loeser, David, New York, N. Y. Intravenous solutions, iron, arsenic, phosphorus, digitalis, etc. 166,981; Apr. 17.
Loeser, David, doing business as New York Intravenous Laboratory, East Orange, N. J., and New York, N. Y. Publications. 175,819; Nov. 13; Serial No. 160,196; published Aug. 21, 1923.
Loewenberg, Victor, doing business as Victor Specialty Company, New York, N. Y. Nipples. 166,828; Apr. 17; Serial No. 170,918; published Jan. 30, 1923.
Loewus, G., & Co., Jersey City, N. J. Concentrated fruit juice in sirup form for beverage purposes. 164,794; Feb. 27.
Loft, Inc., New York, N. Y. Candies. 176,437; Nov. 27; Serial No. 180,708; published Sept. 11, 1923.
Logan-Johnson, Limited, Boston, Mass. Nonalcoholic, maltless fruit sirups for making soft drinks. 163,363; Jan. 9.
Logan, Thos. H., Co., Hudson, Mass. Leather boots and shoes. 166,610; Apr. 10; Serial No. 135,759; published Jan. 16, 1923.
London Chocolate Company, Limited, The, Stratford, London, England. Chocolates. 171,722; Aug. 14; Serial No. 138,861; published May 22, 1923.
London & Greenstein, Inc., New York, N. Y. Ladies' trimmed and tailored hats. 171,628; Aug. 7; Serial No. 176,411; published May 1, 1923.
London Lightingwares Corporation, New York, N. Y. Gas heaters. 167,007; Apr. 17.
London Lightingwares Corporation, New York, N. Y. Electric heaters. 168,019; May 8.
London, M. A., doing business as National Remedies Company, San Francisco, Calif. Lotions and other pharmaceutical preparations. 177,420; Dec. 18; Serial No. 164,441; published Sept. 25, 1923.
London Shoe Co. Inc., New York, N. Y. Leather shoes. 166,210; Mar. 27; Serial No. 169,170; published Jan. 2, 1923.
London Shoe Co., Inc., New York, N. Y. Fabric and leather shoes. 170,717; July 24; Serial No. 172,948; published Apr. 24, 1923.
London Shoe Company, Inc., New York, N. Y., and Chicago, Ill. Shoes. 176,334; Nov. 20.
Lonesome Pine Apiaries. (See Harrison, George, jr.)
Long, C. Smith, doing business as Smith Long Laboratories, Portland, Oreg. Dental preparations. 169,689; June 26; Serial No. 165,798; published Feb. 27, 1923.
Long, Chas. R., Jr., Co., Louisville, Ky., and Chicago, Ill. Polish and coating for the front ends and stacks of locomotives. 168,107; May 15; Serial No. 60,550; published Apr. 30, 1918.
Long Island Packing Co. Inc., Brooklyn, N. Y. Honey. 177,181; Dec. 11; Serial No. 180,709; published Sept. 25, 1923.
Long, Leon A., Furman, S. C. Cooked and canned beefsteak. 175,278; Oct. 30.
Long, S. S., & Bro. Inc., New York, N. Y. Butter, fresh eggs, and cheese. 167,188; Apr. 24; Serial No. 157,932; published Jan. 23, 1923.
Long, Sylvanus W., New York, N. Y. Plain and decorated metallic art boxes and containers and paper and cardboard plain and decorated art boxes and containers. 165,063; Mar. 6; Serial No. 166,081; published Dec. 12, 1922.
Long, William R., St. Louis, Mo. Adhesives. 176,072; Nov. 13; Serial No. 181,289; published Sept. 4, 1923.
Longdon, F., and Company, Derby, England. Elastic corsets, corset belts, bust supporters, etc. 164,278; Feb. 20.
Longmont Farmers Milling & Elevator Co., The, Longmont, Colo. Wheat flour. 176,681; Nov. 27; Serial No. 169,722; published July 31, 1923.
Longnecker, Fred M., Delta, Ohio. Single-service trays and dishes. 175,264; Oct. 30.
Longren Aircraft Corporation, The, Topeka, Kans. Airplanes. 167,369; May 1; Serial No. 168,976; published Jan. 23, 1923.
Longrock Pharmacal Co. (See Hernandez, Miguel J.)
Long's Hat Stores, New York, N. Y. Men's hats. 169,717; June 26.
Long's Hat Stores, New York, N. Y. Men's hats. 170,350–1; July 10.
Loomis-Woodward Co., The, Fort Dodge, Iowa. Candies and chocolates. 166,875; Apr. 17; Serial No. 158,086; published Jan. 30, 1923.
Loose Wiles Biscuit Company, New York, N. Y. Cakes, wafers, crackers, and biscuits. 163,596; Jan. 23.
Loose-Wiles Biscuit Company, also doing business as Loose-Wiles Company, Kansas City, Mo. Chocolate bars. 167,710; May 8; Serial No. 161,492; published Feb. 20, 1923.
Loose-Wiles Biscuit Company, Long Island City, N. Y. Cakes. 176,838; Dec. 4; Serial No. 179,542; published Sept. 11, 1923.
Lord & Taylor, New York, N. Y. Shoes. 173,940; Oct. 2; Serial No. 176,486; published July 17, 1923.
Loring, George, St. Louis, Mo. Electric sadirons. 166,546; Apr. 10; Serial No. 149,856; published Jan. 9, 1923.
Lorraine Manufacturing Company, Pawtucket, R. I. Men's suits, coats, and pants, ladies' skirts, suits, and coats. 169,719; June 26.
Lorraine Manufacturing Company, Pawtucket, R. I. Cotton goods in the piece. 171,977–8; Aug. 21; Serial Nos. 178,747–8; published May 22, 1923.
Lorraine Manufacturing Company, Pawtucket, R. I. Bengaline, chiffon, crashes, serges, etc. 173,584; Sept. 25.
Lorraine Manufacturing Company, Pawtucket, R. I. Cotton goods in the piece. 173,734; Oct. 2; Serial No. 178,749; published June 12, 1923.
Lorraine Manufacturing Company, Pawtucket, R. I. Cotton and other piece goods. 175,218; Oct. 30.

Lorraine Manufacturing Company, Pawtucket, R. I. Men's and women's raincoats, and ladies' skirts, dresses, etc. 176,798; Nov. 27.

Lorraine Manufacturing Company, Pawtucket, R. I. Men's suits, dusters, coats, and caps and ladies' suits, wraps, etc. 176,799; Nov. 27.

Los Angeles Ice & Cold Storage Co., Los Angeles, Calif. Beverage sold as a soft drink and sirups for making same. 169,390; June 12; Serial No. 167,404; published Oct. 10, 1922.

Los Angeles Macaroni Co., Los Angeles, Calif. Alimentary paste. 173,593; Sept. 25.

Lottman Medicine Company, Cairo, Ill. Proprietary medicines for treatment of indigestion, sour stomach, etc. 177,199; Dec. 11; Serial No. 179,009; published Sept. 18, 1923.

Louda, Charles G., Detroit, Mich. Ice-cream bar. 166,506; Apr. 3; Serial No. 163,277; published Jan. 9, 1923.

Louis, A., Manufacturing Co. (See Eliaves, Alexander P.)

Louis Diamond Co., Inc., New York, N. Y. Shirts and blouses. 176,554; Nov. 27; Serial No. 180,922; published Sept. 11, 1923.

Louisiana Broom Manufacturers Association, New Orleans, La. Brooms. 177,633; Dec. 25; Serial No. 173,517; published Oct. 9, 1923.

Louisville Coffee Company, The, Louisville, Ky. Coffee. 169,687; June 26; Serial No. 166,080; published Apr. 17, 1923.

Louisville Furnishing Goods Co., Louisville, Ky. Boys' overalls and men's work shirts. 166,615; Apr. 10; Serial No. 159,363; published July 18, 1922.

Louisville Furnishing Goods Co., Louisville, Ky. Work shirts. 172,163; Aug. 21.

Louisville Milling Company, Louisville, Ky. Wheat flour. 170,916; July 24; Serial No. 166,695; published Mar. 20, 1923.

Louisville Milling Company, Minneapolis, Minn. Wheat flour. 171,341; Aug. 7; Serial No. 172,890; published Apr. 10, 1923.

Louisville Milling Co., Minneapolis, Minn. Wheat flour. 177,051; Dec. 11; Serial No. 180,288; published Sept. 25, 1923.

Louisville Milling Co., Minneapolis, Minn. Wheat flour. 177,060; Dec. 11; Serial No. 180,289; published Sept. 25, 1923.

Louisville Paper Co., Louisville, Ky. Bond paper. 176,402; Nov. 27; Serial No. 181,902; published Sept. 11, 1923.

Louisville Paper Co., Louisville, Ky. Bond paper. 176,421; Nov. 27; Serial No. 181,901; published Sept. 11, 1923.

Louisville Paper Co., Louisville, Ky. Linen ledger paper. 176,778; Nov. 27.

Loup Valley Hatchery. (See Douthit, A. S.)

Loup Valley Hatchery, St. Paul and Cushing, Nebr. Live chickens. 172,822; Sept. 11; Serial No. 170,146; published May 1, 1923.

Lousols Philadelphia, Philadelphia, Pa. Ladies', women's, and misses' gowns, wraps, dresses, coats, etc. 169,774; July 3; Serial No. 168,901; published Apr. 3, 1923.

Lovejoy Laboratories. (See Schwartzman, Theodore I.)

Lovejoy Manufacturing Company, Boston, Mass. Hydraulic shock absorber for automobiles. 174,563; Oct. 23; Serial No. 177,091; published July 17, 1923.

Lovejoy Manufacturing Company, Boston, Mass. Hydraulic shock absorber for automobiles. 174,708; Oct. 23; Serial No. 177,090; published July 17, 1923.

Lovell, H. R., & Co., Greenville, Pa. Preparation for the treatment of itching and diseased scalps, etc. 176,167; Nov. 20; Serial No. 177,308; published Aug. 14, 1923.

Lovering, Reuben W., doing business as Lovering Candy Company, St. Paul, Minn. Fudge bars or rolls. 177,368; Dec. 18; Serial No. 181,837; published Sept. 25, 1923.

Lovinger-Schwartz Co., The, Cleveland, Ohio. Ladies' dresses. 174,288; Oct. 9; Serial No. 179,414; published July 10, 1923.

Lowe, Joe, Co. Inc., New York, N. Y. Vegetable oil in dried flake form. 164,125; Feb. 13.

Lowe, Joe, Co. Inc., Brooklyn, N. Y. Cake and cake mix. 176,580; Nov. 27; Serial No. 178,109; published Aug. 21, 1923.

Lowell Company, The, New York, N. Y. Toilet preparation for the removal of superfluous hair. 170,462; July 17; Serial No. 157,375; published Apr. 10, 1923.

Lowell Company, The, New York, N. Y. Toilet preparation to darken and grow eyelashes. 170,463; July 10; Serial No. 157,376; published Apr. 10, 1923.

Lowell Company, The, New York, N. Y. Compacts for face powder. 172,705; Sept. 11; Serial No. 175,667; published May 29, 1923.

Lowell Products Company. (See Morrissey, Frank T.)

Lowenstein, L., & Son, doing business as National Feather & Pillow Company, Nashville, Tenn. Pillows containing feathers. 174,559; Oct. 23; Serial No. 157,491; published July 3, 1923.

Lowenthal, Henry, doing business as Standard Mfg. Co., Memphis, Tenn. Stick candy. 168,388; May 22; Serial No. 169,640; published Feb. 27, 1923.

Lower California Fisheries Company, San Diego, Calif. Canned tunny fish. 166,259; Mar. 27; Serial No. 164,930; published Dec. 19, 1922.

Lowney, Walter M., Co., The, assignor to Walter M. Lowney Company, Boston, Mass. Chocolates and other bonbons. 22,591; renewed Mar. 7, 1923.

Lowney, Walter M., Company, Boston, Mass. Candy. 173,786; Oct. 2; Serial No. 177,235; published July 3, 1923.

Lowrance, John W., assignor, by mesne assignments, to Mello-Glo Company, Boston, Mass. Cold cream, complexion powder, face powder, tooth paste, etc. 172,561; Sept. 11; Serial No. 171,427; published May 29, 1923.

Lowry, Donald J., Pasadena, Calif. Lubricating oil and grease. 170,246; July 10; Serial No. 171,584; published Apr. 3, 1923.

Loyd, Creth J., doing business as C. J. Loyd & Co., Greensburg, Ind. Dressed poultry and eggs. 172,755; Sept. 11; Serial No. 175,255; published June 5, 1923.

Luce Cane Harvester Corporation, New York, N. Y. Harvesters and parts thereof. 177,832; Dec. 25.

Lubbers & Bell Mfg. Co., Clinton, Iowa. Fly swatters. 163,113; Jan. 2.

Lubbers and Bell Manufacturing Company, Clinton, Iowa. Game. 173,735; Oct. 2; Serial No. 178,753; published June 19, 1923.

Lubi-Kool Company, The, Casper, Wyo. Appliance for lubricating and cooling internal-combustion engines. 173,312; Sept. 18; Serial No. 179,156; published June 19, 1923.

Lubin, Harry, South Orange, N. J. Pipe racks. 175,450; Nov. 6; Serial No. 183,074; published Aug. 28, 1923.

Lubraseptol Co. (See Bresler, Abraham N.)

Luburg, Charles E., doing business as "J-E" Storage Battery Company, Philadelphia, Pa. Electrolyte compound for storage batteries. 170,429; July 17; Serial No. 171,933; published Apr. 10, 1923.

Lucas, John, & Company Incorporated, Philadelphia, Pa. Ready-mixed paints. 163,753; Jan. 23.

Lucile Pearl Company. (See Bonk, John J.)

Lucile Somarco Brassiere, The, New York, N. Y. Brassières. 166,378; Apr. 3; Serial No. 169,768; published Jan. 2, 1923.

Lucille Felt Slipper Co., Inc., New York, N. Y. Slippers made wholly or in part of felt 168,658; May 29; Serial No. 156,007; published Feb. 27, 1923.

Luckel, King & Cake Soap Company, Portland, Oreg. Laundry soap. 169,936; July 3.

Luden, Wm. H., Inc., Reading, Pa. Candy. 176,444; Nov. 27; Serial No. 180,541; published Sept. 18, 1923.

Luden, Wm. H., Inc., Reading, Pa. Marshmallow candies. 176,716; Nov. 27; Serial No. 183,308; published Sept. 18, 1923.

Luden, Wm. H., Inc., Reading, Pa. Candy. 177,043; Dec. 11; Serial No. 180,542; published Sept. 25, 1923.

Ludlow Manufacturing Associates, Boston, Mass. Twine. 165,067; Mar. 6; Serial No. 165,147; published Dec. 12, 1922.

Ludlow Manufacturing Associates, Boston, Mass. Jute bagging. 170,981; July 24.

Ludlum Steel Company, Watervliet, N. Y. Alloy steel. 175,413–14; Nov. 6; Serial No. 162,749–50; published Aug. 21, 1923.

Luehrmann Hay & Grain Co., St. Louis, Mo. Wheat flour. 167,340; May 1; Serial No. 163,097; published Dec. 19, 1922.

Lufrie Co. Inc., The, New York, N. Y. Tooth, hair, and nail brushes. 164,364; Feb. 20.

Lukis Candy Company, Casper, Wyo. Candy. 168,546; May 29; Serial No. 158,683; published Mar. 6, 1923.

Lull Company, The, Ithaca, N. Y. Polishing preparations for varnished and enameled surfaces. 163,511; Jan. 16.

Lumber Service Corporation, Boston, Mass. Asphalt shingles and roofing. 175,244; Oct. 30.

Lumidor Co., The. (See Semple, Jas. A.)

Luminite Corporation, The, Newark, N. J. Luminous pendants for use with electrical switches and lamps. 169,161; June 12; Serial No. 165,878; published Mar. 13, 1923.

Lummis & Co., Philadelphia, Pa. Salted peanuts, peanut candies, and peanut butter. 169,499; June 19; Serial No. 156,230; published June 13, 1923.

Lund, George, doing business as George Lund Company, New York, N. Y. Dolls and animals cut-outs to be filled with sand. 174,641; Oct. 23; Serial No. 181,134; published July 31, 1923.

Lungardia Company, Dallas, Tex. Laxatives. 172,877; Sept. 11; Serial No. 175,936; published May 29, 1923.

Luno, Everett A., Independence, Mo. Writing pads. 176,791; Nov. 27.

Lupi, Joseph, assignor to Pedro Lupi, Barcelona, Spain. Olive oil. 165,950; Mar. 27; Serial No. 132,869; published Dec. 12, 1922.

Lupi, Pedro. (See Lupi, Joseph.)

Lurie Company, Inc., The, New York, N. Y. Monthly magazine. 170,671; July 17; Serial No. 167,471; published Apr. 24, 1923.

Lurye, Benjamin, doing business as B. Lurye & Co., Chicago, Ill. Hammers, hatchets, shovels, screw drivers, and chisels. 170,474; July 17; Serial No. 171,226; published Apr. 17, 1923.

Lustine, Harry, Washington, D. C. Coffee. 176,808; Nov. 27.
Lustroil Co. (See Nicomede, Joe.)
Luther, Charles G., doing business as Luthers Pharmacy, Beaufort, S. C. Preparations for the relief of itching, inflammation, and irritations of the skin, biliousness, etc. 177,272; Dec. 11; Serial No. 156,331; published Sept. 11, 1923.
Lutz & Zuellig, Manila, P. I. Cotton, silk, and woolen piece goods. 170,211–12; July 10; Serial Nos. 142,219–20; published Apr. 10, 1923.
Luxite Laboratories, Kansas City, Mo. Pictures printed from camera negatives. 173,755; Oct. 2; Serial No. 177,497; published June 12, 1923.
L & W Mfg. Company, Vincennes, Ind. Medicine for the treatment of ingrowing toenails. 174,040; Oct. 2; Serial No. 177,445; published July 10, 1923.
Lye Less Soap Corporation, New York, N. Y. Soap. 165,207; Mar. 6; Serial No. 166,776; published Nov. 28, 1922.
Lyon Botanical Co., Incorporated, The, New York, N. Y. Whole and powdered gum acacia, gum tragacanth, ginger Jamaica root, hellebore root, etc. 165,593; Mar. 13; Serial No. 146,774; published Nov. 28, 1922.
Lyon, Hall & Co., Baltimore, Md., assignor to James, Baron Ashton, doing business as Jas. Williamson & Son, Lancaster, England. Linoleums and window shades. 23,339; renewed July 11, 1923.
Lyon & Healy, Chicago, Ill. Musical instruments. 169,493; June 19; Serial No. 148,605; published Mar. 27, 1923.
Lyon & Healy, assignor to Lyon & Healy, Inc., Chicago, Ill. Musical instruments, merchandise, and goods. 174,345; Oct. 16; Serial No. 144,290; published June 12, 1923.
Lyon & Healy, assignor to Lyon & Healy, Inc., Chicago, Ill. Cornets. 175,820; Nov. 13; Serial No. 161,325; published Aug. 7, 1923.
Lyon, J. H., & Co., Montgomery, Ala. Hosiery. 176,261; Nov. 20; Serial No. 182,597; published Sept. 4, 1923.
Lyons Bros. Co., The, Dallas, Tex. Fruit beverage sold as a soft drink and sirups for preparation of same. 167,668; May 8; Serial No. 172,752; published Feb. 20, 1923.
Lyons Chemical Works. (See Lyons, James T.)
Lyons, James T., doing busines as Lyons Chemical Works, Chicago, Ill. Laundry blue or bluing. 163,440; Jan. 9.
Lyons, Langston L., doing business as Yo! Mammy's Milk Co., St. Louis, Mo. Evaporated milk. 173,498; Sept. 25; Serial No. 175,668; published June 19, 1923.
Lynch, Alice L., doing business as Alice-Louise Co., New York, N. Y. Face creams and powders, perfumes, toilet waters, rouges, etc. 169,843; July 3; Serial No. 172,950; published Mar. 13, 1923.
Lynch, Frank R. (See Lynres Company, assignor.)
Lynch Heel Company, Chelsea, Mass. Rubber heels. 168,071; May 15; Serial No. 161,490; published Feb. 27, 1923.
Lyndon Chemical Company, The, Dayton, Ohio. Ointment for aches, pains, burns, etc. 170,749–50; July 24; Serial Nos. 174,088–9; published Apr. 24, 1923.
Lynn Coaster Car Company, Lynn, Mass. Toy wagons and coaster cars. 163,365; Jan. 9.
Lynres Company Inc., The, assignor to F. R. Lynch, New York, N. Y. Phonographs or talking machines and parts thereof. 166,555; Apr. 10; Serial No. 170,941; published Jan. 23, 1923.
Lyradion Manufacturing Company, Mishawaka, Ind. Phonographs both alone and in combination with radio receiving sets. 174,321; Oct. 16; Serial No. 177,790; published June 26, 1923.
Lyradion Manufacturing Company, Mishawaka, Ind. Radio receiving sets, loud speakers, batteries, amplifying horns, etc. 174,370; Oct. 16; Serial No. 175,091; published June 26, 1923.
Lysle, J. C., Milling Company, The, Leavenworth, Kans. Wheat flour. 172,552; Sept. 4; Serial No. 173,099; published May 15, 1923.
Lysle, J. C., Milling Company, Leavenworth, Kans. Wheat flour. 177,578; Dec. 18; Serial No. 173,098; published Oct. 2, 1923.
Lytle, Myrtle H., doing business as Essentials Mineral Co., Salem, Oreg. Stock food. 165,651; Mar. 13.
Lytton, Walter, Inc., Chicago, Ill. Combination, phonograph and radio receiving sets, loud speakers, etc. 175,999; Nov. 13; Serial No. 169,814; published Sept. 4, 1923.
M M Importing Co., New York, N. Y. Smokers' pipes. 167,667; May 8; Serial No. 171,705; published Jan. 30, 1923.
M. Valle y Ca., Inc., New York, N. Y. Cigars. 167,096; Apr. 24; Serial No. 167,032; published Jan. 9, 1923.
Maass & Kemper, Baltimore, Md. Hosiery, sweaters, and ladies' scarfs and knit underwear. 166,637; Apr. 10; Serial 165,800; published Dec. 19, 1922.
Maatschappij tot Exploitatie van Rademaker's Koninklijke Cacao en Chocoladefabrieken, The Hague, Netherlands. Chocolate candy. 172,288; Aug. 28; Serial No. 166,533; published May 1, 1923.
Mabee, Charles R., Chicago, Ill. Livestock feeds. 176,501; Nov. 27; Serial No. 173,971; published Aug. 21, 1923.
Mable Claire Studio. (See Bechdolt, Jack and M.)
Mabley & Carew Company, The, Cincinnati, Ohio. Boots and shoes. 166,209; Mar. 27; Serial No. 169,173; published Dec. 5, 1922.
Mabley & Carew Company, The, Cincinnati, Ohio. Cloaks, wraps, and suits for ladies. 168,183; May 15; Serial No. 169,174; published Jan. 30, 1923.
Mabley & Carew Company, The, Cincinnati, Ohio. Boots and shoes. 176,361; Nov. 20.
Mabrey, Phil L., Columbus, Ohio. Steam-laundry scouring compound. 176,792; Nov. 27.
MaCarthy, John C., doing business as The Ma-Lit-Ta Co., Norwood, Mass. Ointment for the treatment of piles, fistula, constipation, etc. 170,034; July 10; Serial No. 173,840; published Apr. 10, 1923.
Macco Co., Inc., Milwaukee, Wis. Parting compound or composition. 163,117; Jan. 2.
Macdonald, Helen M., Vancouver, British Columbia, Canada. Herbal remedy for expectant mothers. 173,164; Sept. 18; Serial No. 157,492; published June 19, 1923.
Macdonald, James, New York, N. Y. Cold cream. 165,492; Mar. 13; Serial No. 166,188; published Dec. 5, 1922.
Macdonald, James, New York, N. Y. Dental cream. 166,656; Apr. 10; Serial No. 123,442; published June 22, 1920.
Machado, William C., Montecito, Calif. Automatic grease cups for automobiles and the like. 164,556; Feb. 20.
Machinery Supply & Draper Company, Walla Walla, Wash. Drapers for machinery for harvesting and treating grains, cereals, etc. 171,693; Aug. 7.
Mack Battery Company, Los Angeles, Calif. Storage batteries and parts. 172,150; Aug. 21; Serial No. 169,065; published May 22, 1923.
Mack, Edward F., New York, N. Y. Advertising posters. 172,085; Aug. 21; Serial No. 176,682; published May 22, 1923.
Mack Tool Company, Inc. Rochester, N. Y. Carving, edge, and coopers' tools and the like. 171,864; Aug. 14; Serial No. 174,523; published May 1, 1923.
Mackenzie, Katherine M., New York, N. Y. Towels or napkins of paper coated with face or skin cream for application to the face, hands, etc. 164,478; Feb. 20.
MacLean Drug Co., Chicago, Ill. Sanitary napkins. 166,232; Mar. 27; Serial No. 165,238; published Oct. 31, 1922.
MacLean Drug Company, Chicago, Ill. Flotation devices, tennis balls, toy vehicles, etc. 175,604; Nov. 6; Serial No. 178,755; published Aug. 21, 1923.
MacLean Drug Company, Chicago, Ill. Shoe polish, shaving cream, soap, etc. 176,753; Nov. 27; Serial No. 175,504; published Sept. 11, 1923.
MacLean Drug Company, Chicago, Ill. Patent medicines. 177,091; Dec. 11; Serial No. 172,845; published Sept. 18, 1923.
MacLean Drug Company, Chicago, Ill. Knives, shears, scissors, razors, etc. 177,400; Dec. 18; Serial No. 178,756; published Oct. 2, 1923.
Macleay Estate Co., The, Portland, Oreg. Cheese. 170,856; July 24; Serial No. 168,772; published Mar. 20, 1923.
MacGillivray, Dr., D. D., Pine Village, Ind. Goiter ointment. 172,515; Sept. 4; Serial No. 172,278; published Apr. 17, 1923.
Macomb Manufacturing Company. (See Brainard, Pearl H.)
Macphee & Company, Inc., Philadelphia, Pa. Nerve-tonic medicine. 176,980; Dec. 11; Serial No. 179,806; published Sept. 11, 1923.
Macpherson, John C., doing business as Macpherson's Bakery, La Grande, Oreg. Bread. 174,134; Oct. 2.
Macy, R. H., & Co., Inc., New York, N. Y. Mattress protectors of textile fabrics. 163,476; Jan. 16.
Macy, R. H., & Co. Inc., New York, N. Y. Men's suits. 164,749; Feb. 27.
Macy, R. H., & Co., Inc., New York, N. Y. Coats, bathing suits, capes, children's and infants' dresses, etc. 166,608; Apr. 10; Serial No. 148,393; published Dec. 12, 1922.
Macy, R. H., & Co. Inc., New York, N. Y. Hair restorer and tonic. 168,404; May 22; Serial No. 171,542; published Feb. 20, 1923.
Macy, R. H., & Co., Inc., New York, N. Y. Boys' skating sets. 171,783; Aug. 14; Serial No. 172,844; published May 22, 1923.
Macy, R. H., & Co., Inc., New York, N. Y. Ophthalmic lenses. 171,820; Aug. 14; Serial No. 175,363; published May 15, 1923.
Macy, R. H., & Co., Inc., New York, N. Y. Aprons. 174,394; Oct. 16; Serial No. 174,524; published July 17, 1923.
Macy, R. H., & Co., Inc., New York, N. Y. Household furniture. 174,961; Oct. 30; Serial No. 160,296; published Aug. 7, 1923.
Macy, R. H., & Co., Inc., New York, N. Y. Artificial silk in the piece. 177,438; Dec. 18; Serial No. 182,314; published Sept. 25, 1923.
Madame Marie. (See Munson, Elizabeth M.)
Madden, D. D., & Co., Inc., Portland, Oreg. Paper used for printing or lithographing blank checks, etc. 177,529; Dec. 18; Serial No. 182,713; published Oct. 2, 1923.

Maddock, Arthur G., Duarte, Calif. Fresh citrous fruits. 176,964; Dec. 11; Serial No. 178,854; published Sept. 25, 1923.

Maddocks, John, Bradford, assignor to H. O. Brandt & Hampson, Manchester, England. Wearing apparel. 23,502; renewed Aug. 15, 1923.

Maddocks, John, Bradford, assignor to H. O. Brandt & Hampson, Manchester, England. Cotton, wool, silk, and worsted or hair piece goods. 23,713; renewed Oct. 17, 1923.

Maddox-Harris Laboratories. (See Harris, H. M.)

Made-Nu Company. (See Medvene, William.)

Madson, C. C., Lanesboro, Minn. Ice cream. 171,466; Aug. 7; Serial No. 166,696; published May 15, 1923.

Maeda, Y., doing business as Liberty Produce Company, Livingston, Calif. Deciduous fruits and grapes in their natural state. 173,162; Sept. 18; Serial No. 158,782; published June 19, 1923.

Maffitt, Ellen W., doing business as University Pickle Company, St. Louis, Mo. Pickles. 173,808; Oct. 2; Serial No. 171,371; published May 15, 1923.

Magee, Christopher, jr., Magnetic Springs, Ohio, administrator of the estate of Julia V. H. Magee, doing business as Park Hotel and Bath. Medicinal water. 172,832; Sept. 11; Serial No. 161,493; published May 29, 1923.

Magee Furnace Company, Boston, Mass. Combination stoves or ranges heated by burning of combustible fuel and electricity. 167,459; May 1; Serial No. 167,481; published Jan. 23, 1923.

Maggini, Peter, Harrison, N. J. Medicinal bitters for stomach troubles. 163,237; Jan. 2.

Magic Leather Treatment Company, Detroit, Mich. Preparation for preserving and making flexible canvas and leather belting. 176,951; Dec. 11; Serial No. 175,257; published Aug. 21, 1923.

Magi-Graph Co., The, New York, N. Y. Toys. 167,033; Apr. 24; Serial No. 171,092; published Jan. 16, 1923.

Magistral Chemical Co., Chicago, Ill. Powders for the relief of headache and neuralgia. 165,721; Mar. 20; Serial No. 166,308; published Nov. 7, 1922.

Magnavox Company, The, Oakland, Calif. Electrical sound amplifiers for phonographs. 172,253; Aug. 28; Serial No. 155,823; published May 8, 1923.

Magner, Charles T., Cleveland, Ohio. Dental suction plates. 169,982; July 10; Serial No. 167,779; published Apr. 10, 1923.

Magnete Corporations Company, Holland, Mich. Molded composition structures for building and appurtenances relating thereto and molded composition building tile. 167,759; May 8; Serial No. 170,497; published Feb. 6, 1923.

Magnolia Metal Company, New York, N. Y. Babbitt bearing and antifriction metals and alloys. 164,628; Feb. 20.

Magnolia Metal Company, New York, N. Y. Babbitt, bearing, and antifriction metals and alloys. 164,760; Feb. 27.

Magnolia Metal Company, New York, N. Y. Babbitt, bearing, and antifriction metals and alloys. 166,841; Apr. 17; Serial No. 168,929; published Jan. 9, 1923.

Magnolia Metal Company, New York, N. Y. Babbitt, bearing, and antifriction metals and alloys. 168,189; May 15; Serial No. 168,930; published Jan. 9, 1923.

Magnus Chemical Company (Inc.), Brooklyn, N. Y. Soap and soap mixtures. 175,886; Nov. 13; Serial No. 180,543; published Aug. 21, 1923.

Magnus Hessberg, Inc., Richmond, Va. Leather. 168,575; May 29; Serial No. 167,174; published Feb. 13, 1923.

Magnus Imports, Ltd., New York, N. Y. Clothing. 176,561; Nov. 27; Serial No. 180,871; published Sept. 18, 1923.

Magnus, S. W., & Co., New York, N. Y. Men's, boys', women's, and girls' suits, sport suits, overcoats, sweaters, etc. 164,592; Feb. 20.

Magnus, S. W., & Co., New York, N. Y. Handkerchiefs. 175,661; Nov. 6; Serial No. 182,160; published Aug. 21, 1923.

Maguire & Co., Inc., New York, N. Y. Cotton duck painted with stripes and known as awning stripes. 163,944; Feb. 6.

Mahan, Peter J., Philadelphia, Pa. Truss. 168,490; May 22.

Mah-Jongg, Inc. (See Park, Edgar, assignors.)

Mah-Jongg Sales Company of America, San Francisco, Calif. Dolls. 173,304; Sept. 18; Serial No. 179,614; published June 19, 1923.

Mah Juck Mfg. Co. (See Gaffey, John T.)

Mahoney & Saxton, North Adams, Mass. Salad dressings. 166,868; Apr. 17; Serial No. 163,279; published Feb. 6, 1923.

Mahr Manufacturing Company, Minneapolis, Minn. Oil-burning equipment, furnaces, torches, etc. 174,671; Oct. 23; Serial No. 172,683; published July 17, 1923.

Maid-Well Garment Company. (See Ash, Edward.)

Mailevator Co. (See Doran, Daniel A.)

Maillard, Henry, doing business as Maillard, New York, N. Y. Candies. 171,658; Aug. 7.

Mailliard & Schmiedell, San Francisco, Calif. Canned fruits. 166,888; Apr. 17; Serial No. 167,312; published Feb. 6, 1923.

Mailliard & Schmiedell, San Francisco, Calif. Canned fruits, vegetables, and fish. 170,447; July 17; Serial No. 172,232; published Apr. 10, 1923.

Mailliard & Schmiedell, San Francisco, Calif. Olive oil. 170,872; July 24; Serial No. 165,801; published Apr. 24, 1923.

Mailliard & Schmiedell, San Francisco, Calif. Olive oil. 170,922; July 24; Serial No. 165,802; published Apr. 24, 1923.

Mains & Grebenstein Inc., New York, N. Y. Cotton piece goods. 165,689; Mar. 20; Serial No. 170,204; published Dec. 26, 1922.

Maison Blanche Co., New Orleans, La. Candy. 175,946; Nov. 13; Serial No. 172,753; published Aug. 28, 1923.

Majestic Manufacturing Company, St. Louis, Mo. Ovens, roll warmers and revivers, gas-heated griddles, toasters, waffle bakers, etc. 165,083; Mar. 6; Serial No. 157,766; published Oct. 17, 1922.

Majestic Manufacturing Company, St. Louis, Mo. Steamers, seamless steam kettles, copper-jacketed kettles, etc. 172,804; Sept. 11; Serial No. 152,763; published June 5, 1923.

Majestic Milling Co., Aurora, Mo. Self-rising wheat flour. 167,339; May 1; Serial No. 163,103; published Dec. 19, 1922.

Majestic Shoe Company, New York, N. Y. Shoes 173,998; Oct. 2; Serial No. 176,412; published July 17, 1923.

Maldari, F., & Bros., New York, N. Y. Molds for the manufacture of alimentary pastes. 169,323; June 12; Serial No. 175,018; published Mar. 20, 1923.

Maline Mills Company, The, Winston-Salem, N. C. Knit and woven underwear. 177,501; Dec. 18; Serial No. 182,252; published Oct. 9, 1923.

Ma-Lit-Ta Co., The. (See MaCarthy, John C.)

Malito Bros. Inc., New York, N. Y. Dresses for ladies and misses. 164,423; Feb. 20.

Mallas Cravis Co., New York, N. Y. Women's and misses' dresses. 174,265; Oct. 9; Serial No. 176,029; published July 10, 1923.

Mallinson, H. R., & Co. Inc., New York, N. Y. Scarfs and mufflers of knitted and woven silk and fiber silk. 163,598; Jan. 23.

Mallinson, H. R., & Co. Inc., New York, N. Y. Silk piece goods. 167,670; May 8; Serial No. 172,755; published Feb. 13, 1923.

Mallinson, H. R., & Co. Inc., New York, N. Y. Scarfs and mufflers of silk. 167,994; May 8.

Mallinson, H. R., & Co. Inc., New York, N. Y. Silk piece goods. 168,043; May 15; Serial No. 173,138; published Feb. 13, 1923.

Mallinson, H. R., & Co. Inc., New York, N. Y. Silk piece goods. 168,760; May 29; Serial No. 172,754; published Mar. 6, 1923.

Mallinson, H. R., & Co. Inc., New York, N. Y. Silk piece goods. 168,761; May 29; Serial No. 172,756; published Feb. 13, 1923.

Mallinson, H. R., & Co. Inc., New York, N. Y. Silk piece goods. 170,502; July 17; Serial No. 173,139; published Apr. 24, 1923.

Mallinson, H. R., & Co. Inc., New York, N. Y. Silk piece goods. 170,527; July 17; Serial No. 174,020; published Apr. 17, 1923.

Mallinson, H. R., & Co. Inc., New York, N. Y. Silk piece goods. 171,392; Aug. 7; Serial No. 177,092; published May 1, 1923.

Mallinson, H. R., & Co. Inc., New York, N. Y. Silk piece goods. 171,472; Aug. 7; Serial No. 178,524; published May 15, 1923.

Mallinson, H. R., & Co. Inc., New York, N. Y. Silk piece goods. 171,477; Aug. 7; Serial No. 178,110; published May 15, 1923.

Mallory Hat Company, The, Danbury, Conn. Hats for men, women, and children. 171,207; July 31; Serial No. 156,653; published May 8, 1923.

Mallory Shirt Co., Inc., New York, N. Y. Dress, negligee, soft, and sport shirts. 175,215; Oct. 30.

Mallowitz, Isaac, Trenton, N. J. Butter. 167,509; May 1; Serial No. 165,805; published Dec. 12, 1922.

Malone, Annie M., doing business as Poro College, St. Louis, Mo. Liquid and ointment preparations for promoting the growth of the hair, shampoo, etc. 169,751; July 3; Serial No. 171,464; published Mar. 27, 1923.

Malone Dairy Co., New York, N. Y. Fermented milk. 166,895; Apr. 17; Serial No. 165,804; published Jan. 30, 1923.

Malone & Hyde, Inc., Memphis, Tenn. Table molasses and sirup, ground spices, and candies. 164,670; Feb. 27.

Malone-Lemmon Laboratories, New York, N. Y. Radio transmitting and receiving devices and parts thereof. 165,183; Mar. 6; Serial No. 168,683; published Nov. 7, 1922.

Malone-Lemmon Laboratories, New York, N. Y. Electrical apparatus and equipment—namely, rheostats. 168,422; May 22; Serial No. 172,424; published Feb. 20, 1923.

Malouf, Abraham M., New York, N. Y. Poultry fountains. 168,515; May 22.

Malouf, Abraham M., New York, N. Y. Garters. 176,971; Dec. 11; Serial No. 179,618; published Sept. 11, 1923.

Malsin, Albert, New York, N. Y. Soap. 176,514; Nov. 27; Serial No. 164,060; published Sept. 11, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Malt-Diastase Company, New York, N. Y. Concentrated liquid malt extracts. 167,086; Apr. 24; Serial No. 151,633; published Oct. 11, 1921.

Malt-Diastase Company, New York, N. Y. Malt extracts. 168,921; May 29; Serial No. 148,156; published Mar. 13, 1923.

Maltana Company, The, Welland, Ontario, Canada. Wheat and pancake flour, flour for making pastries, etc. 177,016; Dec. 11; Serial No. 164,253; published Sept. 25, 1923.

Maltese Textile Corporation, New York, N. Y. Cotton goods in the piece. 175,498; Nov. 6; Serial No. 177,498; published Aug. 21, 1923.

Mama Cookie Bakery, Chicago, Ill. Cookies. 176,876; Dec. 4; Serial No. 181,758; published Sept. 25, 1923.

Mammoth Hosiery Mills, Philadelphia, Pa. Ladies' full-fashioned silk hosiery. 164,595; Feb. 20.

Mammy's Milk Co. (See Lyons, Langston L.)

Manassas Feed & Milling Co. (See Robertson, Bolling L.)

Manatee Fruit Co., Palmetto, Fla. Fresh citrous fruits, fresh tomatoes, celery, lettuce, etc. 168,884; May 29; Serial No. 167,183; published Mar. 6, 1923.

Manchester Board & Paper Co., Inc., Richmond, Va. Cloth boards. 174,914; Oct. 23.

Manchester Coal Co., The, Manchester, Ala. Coal. 169,568; June 19.

Manchester Handle & Turning Company. (See Shurtz, Thomas M.)

Manchester Knitting Mills, Inc., Los Angeles, Calif. Men's, women's, and children's knitted and textile bathing suits. 172,657; Sept. 11; Serial No. 174,844; published June 5, 1923.

Mandel & Cohen, New York, N. Y. Hosiery, underwear, and sweaters. 164,807; Feb. 27.

Mandell, Kaufmann, Casa Grande, Ariz. Handkerchiefs. 177,072; Dec. 11; Serial No. 183,580; published Sept. 18, 1923.

Mandel's, B., Sons, Philadelphia, Pa. Men's and young men's serge suits. 169,172; June 12; Serial No. 168,539; published Mar. 20, 1923.

Manelich, John, Youngsville, Pa. Medicine for wounds, sores, burns, boils, and eczema. 164,151; Feb. 13.

Manganese Bronze and Brass Co. Limited, The, Westminister, London, England. Metals used in manufacture. 177,190; Dec. 11; Serial No. 178,051; published Sept. 25, 1923.

Manhasset Manufacturing Company, Providence, R. I. Cotton fabrics in the piece used in the manufacture of tires. 163,366; Jan. 9.

Manhasset Manufacturing Company, Providence, R. I. Cotton thread and yarn. 165,746; Mar. 20; Serial No. 171,179; published Jan. 2, 1923.

Manhasset Manufacturing Company, Providence, R. I. Cotton thread and yarn. 166,036; Mar. 27; Serial No. 167,728; published Jan. 9, 1923.

Manhasset Manufacturing Company, Providence, R. I. Cotton thread and yarn. 167,038; Apr. 24; Serial No. 170,889; published Jan. 30, 1923.

Manhasset Manufacturing Company, Providence, R. I. Cotton fabric in the piece. 170,261; July 10; Serial No. 170,440; published Jan. 30, 1923.

Manhattan Baking Powder Co., New York, N. Y. Cocoa, pudding, and cornstarch. 172,980; Sept. 11; Serial No. 174,316; published June 5, 1923.

Manhattan Corset Company, New York, N. Y. Corsets, brassières, waists, bands. 176,914; Dec. 4.

Manhattan Electrical Supply Co. Inc., New York, N. Y. Electrical apparatus, machines, and supplies. 167,102; Apr. 24; Serial No. 169,134; published Feb. 13, 1923.

Manhattan Electrical Supply Company, Inc., New York, N. Y. Telephonic receivers and head sets. 169,088; June 5; Serial No. 174,253; published Mar. 27, 1923.

Manhattan Hair Cloth Co., New York, N. Y. Haircloth in the piece. 163,952; Feb. 6.

Manhattan Knitting Mills, Inc., New York, N. Y. Sweaters. 173,263; Sept. 18; Ser. No. 175,431; published June 12, 1923.

Manhattan Manufacturing Co. (See Berger, Louis.)

Manhattan Photo Supply Co., Inc., New York, N. Y. Golf balls. 170,685; July 17.

Manhattan Rubber Mfg. Co., Passaic, N. J. Brake lining. 175,998; Nov. 13; Serial No. 166,839; published Sept. 4, 1923.

Manhattan Rubber Mfg. Co., The, Passaic, N. J. Machinery belting, hose, and packing. 173,243; Sept. 18; Serial No. 160,825; published June 19, 1923.

Manhattan Soap Company. (See Burke, Frank G.)

Manicurex Co., The. (See Moeller, Annetta T.)

Manion, Catherine M., doing business as Manion Surgical Supply House, New York, N. Y. Obstetrical outfits and surgical supplies. 168,629; May 29; Serial No. 167,881; published Feb. 27, 1923.

Manion Surgical Supply House. (See Manion, Catherine M.)

Manischewitz, B., Company, The, Cincinnati, Ohio. Matzos. 166,778; Apr. 10.

Manischewitz, B., Company, The, Cincinnati, Ohio. Matzos. 167,289; Apr. 24.

Mann, Arthur B., doing business as Tecq Products Company, Brooklyn, N. Y. Skin lotions and medicinal preparations for inflammed mucous membrane. 176,170; Nov. 20; Serial No. 177,499; published Aug. 7, 1923.

Mann, William, Company, Philadelphia, Pa. Pass books. 168,155; May 15; Serial No. 173,266; published Feb. 13, 1923.

Manne & Weill, New York, N. Y. Fabric gloves. 168,530; May 22.

Mannesmannröhren-Werke, Dusseldorf, Germany. Bicycles and motor cycles and parts thereof, etc. 174,954; Oct. 30; Serial No. 163,691; published Aug. 14, 1923.

Mannesmannröhren-Werke, Dusseldorf, Germany. Lightning arresters and rods, tips, etc. 175,747; Nov. 13; Serial No. 163,693; published Aug. 7, 1923.

Mannesmannröhren-Werke, Dusseldorf, Germany. Ammonia, chlorine, hydrogen, oxygen, and carbon-dioxide cylinders, bottles, flasks, etc. 175,994; Nov. 13; Serial No. 163,688; published Sept. 4, 1923.

Mannesmannröhren-Werke, Dusseldorf, Germany. Tubes, tube joints, pipes, etc. 177,015; Dec. 11; Serial No. 163,689; published Sept. 25, 1923.

Mannesovitch, Israel, jr., doing business as Schenectady Knit Goods House, Schenectady, N. Y. Hosiery and underwear. 166,642; Apr. 10; Serial No. 165,803; published Jan. 9, 1923.

Manning Fibre Products Company, Inc., Troy, N. Y. Fiber shoe counters. 166,034; Mar. 27; Serial No. 167,407; published Nov. 7, 1922.

Manning, Harry W., Portland, Oreg. Fuel-oil vaporizer. 165,924; Mar. 20.

Manning, Maxwell & Moore, Inc., New York, N. Y. Copper-nickel-alloy castings. 174,493; Oct. 16; Serial No. 177,565; published July 24, 1923.

Manny-Rielly Co., New York, N. Y. Knitted and textile underwear. 175,767; Nov. 13; Serial No. 177,135; published Aug. 28, 1923.

Mansfield Chemical Company, Chicago, Ill. Furniture and automobile polishes. 169,971; July 10; Serial No. 164,600; published Apr. 10, 1923.

Mansfield, Richard H., Cottage City, Md. Cartoons. 167,855; May 8; Serial No. 161,746; published Feb. 20, 1923.

Mansmann Brothers, Inc., Pittsburgh, Pa. Hosiery. 166,657; Apr. 10; Serial No. 164,446; published Dec. 12, 1922.

Manton-Gaulin Manufacturing Company, Inc., Boston and South Boston, Mass. Homogenizer for rendering homogeneous the ingredients of compounded products. 172,517; Sept. 4; Serial No. 172,425; published May 29, 1923.

Manufacturer's Motor Products Co., Los Angeles, Calif. Piston-ring expanders. 167,751; May 8; Serial No. 167,919; published Feb. 6, 1923.

Manufacturers Phonograph Co., Inc., New York, N. Y. Phonographs. 163,512; Jan. 16.

Manufacturers Record Company, assignor to Manufacturers Record Publishing Company, Baltimore, Md. Newspaper or weekly pamphlet. 16,378; renewed Mar. 12, 1919.

Manufacturers Record Publishing Co. (See Manufacturers Record Company, assignor.)

Manufacturers Supplies Company, St. Louis, Mo. Threads. 165,448; Mar. 13; Serial No. 171,334; published Jan. 2, 1923.

Manufacturers Supplies Company, St. Louis, Mo. Threads. 167,329–30; Apr. 24.

Manufacturers Supplies Company, St. Louis, Mo. Threads. 172,040; Aug. 21; Serial No. 158,936; published May 22, 1923.

Manufacturers Supplies Company, St. Louis, Mo. Threads. 172,042; Aug. 21; Serial No. 158,633; published May 22, 1923.

Manufacturers Supplies Company. St. Louis, Mo. Threads. 172,834; Sept. 11; Serial No. 158,632; published June 5, 1923.

Manufacturers Supplies Company, St. Louis, Mo. Threads. 176,935–7; Dec. 4.

Manufactures des Glaces et Produits Chimiques de St. Gobain, Chauny & Cirey, Paris, France. Plate glass and glassware. 166,049; Mar. 27; Serial No. 168,720; published Jan. 9, 1923.

Manufacturing Jewelers Export Co., Inc., New York, N. Y. Articles of jewelry and personal adornment. 172,590; Sept. 11; Serial No. 169,680; published May 29, 1923.

Mapele Silk Manufacturing Co. Inc., Paterson, N. J., and New York, N. Y. Ribbons of silk and artificial silk. 167,093; Apr. 24; Serial No. 166,781; published Jan. 30, 1923.

Maple Grove Candies, Inc., St. Johnsbury, Vt. Maple cream, sirup, sugar, and honey, sauce for ice cream. 170,706; July 24; Serial No. 154,522; published Apr. 17, 1923.

Maple Producers' Co-Operative Association, Inc., Syracuse, N. Y. Maple sirup and sugar. 173,260; Sept. 18; Serial No. 175,432; published June 19, 1923.

Maple Products Co., Brooklyn, N. Y. Candy. 167,014; Apr. 24; Serial No. 162,498; published Jan. 30, 1923.

Maples Manufacturing Company, The, Sandusky, Ohio. Clothes-washing machines. 164,947; Feb. 27.

Mappin & Webb, Limited, Sheffield and London, England. Scent-bottle screws—that is, bottle closures. 163,118; Jan. 2.

Mappin & Webb Limited, Sheffield and London, England. Buttonhooks, shoehorns, buttonhook and shoehorn combinations, and glove hooks. 166,074; Mar. 27; Serial No. 159,469; published Nov. 14, 1922.

Mappin & Webb Limited, Sheffield and London, England. Buttonhooks, shoehorns, buttonhook and shoehorn combinations, and glove hooks. 166,538; Apr. 10; Serial No. 159,474; published Jan. 2, 1923.

Mappin & Webb, Limited, Sheffield and London, England. Manicure scissors, nail clippers, files, and tweezers. 168,123; May 15; Serial No. 159,476; published Feb. 27, 1923.

Mappin & Webb, Limited, Sheffield and London, England. Lancets, fleams, and surgical scissors. 168,124; May 15; Serial No. 159,477; published Feb. 27, 1923.

Mappin & Webb Limited, Sheffield and London, England. Table and household ware. 169,555; June 19.

Mappin & Webb Limited, Sheffield and London, England. Table and household ware. 169,561; June 19.

Maranto, Giuseppe P., Baltimore, Md. Preparation for the relief and cure of indigestion. 169,648; June 26; Serial No. 169,600; published Mar. 20, 1923.

Marathon Co., Attleboro, Mass. Bib holders, baby pins, chains and pendants, lockets, bracelets, rings, etc. 164,588; Feb. 20.

Marathon Co., Attleboro, Mass. Bib holders, baby pins, chains, and pendants, lockets, etc. 166,560; Apr. 10; Serial No. 169,218; published Dec. 26, 1922.

Marathon Company, The, Cuyahoga Falls, Ohio. Safety straps to hold children in high chairs, gocarts, etc. 166,340; Apr. 3; Serial No. 162,027; published Jan. 9, 1923.

Marathon Sales Co. (See Unger, Louis J.)

Marathon Tire & Rubber Company, The, Cuyahoga Falls, Ohio. Cardcases, bill folds, hand bags, music rolls, etc. 165,855; Mar. 20; Serial No. 148,498; published Jan. 2, 1923.

Marathon Tire & Rubber Company, The, Cuyahoga Falls, Ohio. Leather, etc., belts for supporting outer garments. 166,606; Apr. 10; Serial No. 148,499; published Jan. 9, 1923.

Marble Head Lime Co., The, assignor to The Kelley Island Lime & Transport Company, Sandusky and Cleveland, Ohio. Manufactured lime. 23,101; renewed May 23, 1923.

Marble Mills, Inc., The, Evanston, Ill. Underwear of knitted fabric. 175,929; Nov. 13; Serial No. 179,874; published Aug. 28, 1923.

Marbletex Co., Inc., The, West Hoboken, N. J., and New York, N. Y. Silks, silk and cotton mixtures, cotton goods, linens, and draperies. 170,057; July 10; Serial No. 175,938; published Apr. 10, 1923.

Marchant Calculating Machine Company, Emeryville, Calif. Calculating machines. 165,025; Feb. 27.

Marchiony Brothers, Inc., New York, N. Y. Ice cream, flavored ice, ice-cream bricks, etc. 174,918; Oct. 23.

Marcus, Julius, Company, Chicago, Ill. Food-flavoring extracts. 171,263; July 31; Serial No. 169,313; published May 1, 1923.

Marcus Mason & Co., New York, N. Y., assignor to Marcus Mason & Co., Inc., Boston, Mass. Coffee classifiers, hullers, polishers, power screens, pulpers, and elevators; 22,676; renewed Mar. 21, 1923.

Marcus Mason & Co., New York, N. Y., assignor to Marcus Mason & Co., Inc., Boston, Mass. Coffee machinery. 22,803; renewed Apr. 11, 1923.

Marcus, Robert, Co., New York, N. Y. Storage-battery discharge test sets, startometers or starter-testing instruments, etc. 166,012; Mar. 27; Serial No. 162,754; published Dec. 5, 1922.

Mares, Frank M., doing business as Mares Medicine Company, Chicago, Ill. Remedies for coughs, colds, constipation, rheumatism, etc. 164,339; Feb. 20.

Mares Medicine Company. (See Mares, Frank M.)

Marett, Ruby E., New York, N. Y. Beverages, fruit sirups, extracts, and flavorings for the same. 176,429; Nov. 27; Serial No. 184,412; published Sept. 18, 1923.

Marfield Radio Mfg. Co. (See Hirshfield, Maurice W.)

Marfisi, John, Omaha, Nebr. Pop-corn machines. 165,007; Feb. 27.

Margolis Yelen Kaiser Co. Inc., Chicago, Ill. Hosiery. 169,267; June 12; Serial No. 155,231; published Mar. 20, 1923.

Margueritte Laboratories. (See Murphy, Margaret C.)

Margulies, Larry J., New York, N. Y. Women's dresses and waists. 173,408; Sept. 25; Serial No. 176,902; published June 26, 1923.

Margus, Julie, Berkeley, Calif. Salve remedy to cure pain and inflammation. 164,627; Feb. 20.

Margus, Julie, Berkeley, Calif. Liquid medicine for tuberculosis. 176,238; Nov. 20; Serial No. 164,656; published Aug. 7, 1923.

Mariani, Scipio, Exeter, Pa. Maltless nonalcoholic beverage to be sold as a soft drink. 169,106; June 5.

Marie Antoinette Perle Co. (See Blauston, Nathan L.)

Marine Oil Company, Ltd., New Orleans, La. Gasoline. 164,024; Feb. 6.

Marine Oil Company, Ltd., New Orleans, La. Machine oil. 164,025; Feb. 6.

Marine Oil Company Ltd., New Orleans, La. Cylinder and automobile oil for lubricating purposes. 165,676; Mar. 20; Serial No. 166,390; published Nov. 28, 1922.

Marine Oil Company, Ltd., New Orleans, La. Cylinder and automobile oil for lubricating purposes. 168,355; May 22; Serial No. 166,384; published Feb. 20, 1923.

Marine Products Co. Inc., Tacoma, Wash. Fertilizer. 164,333; Feb. 20.

Marinello Company, La Crosse, Wis. Powder for the skin, toilet water, and perfume. 164,164; Feb. 13.

Marinello Company, La Crosse, Wis. Rouge and face powder. 176,383; Nov. 27; Serial No. 177,187; published July 31, 1923.

Marinette Electric Corporation, Marinette, Wis. Radio receiving sets. 171,008; July 31; Serial No. 176,634; published Apr. 24, 1923.

Marinette Electric Corporation, Marinette, Wis. Phones for use with radio apparatus. 172,323; Aug. 28; Serial No. 176,635; published May 29, 1923.

Marion Machine, Foundry & Supply Co., Marion, Ind. Sucker rods. 163,662; Jan. 23.

Marion Steam Shovel Co., The, Marion, Ohio. Excavating shovels, dredges, dragline excavators, orange-peel excavators, etc. 163,862; Jan. 30.

Maritime Milling Co. Inc., New York, N. Y. Poultry and stock food. 168,015; May 8.

Mark Brothers, New York, N. Y. Men's, boys', and children's suits and coats. 166,601; Apr. 10; Serial No. 150,365; published Jan. 9, 1923.

Markman, Simon, New York, N. Y. Clay and paste for the complexion. 170,927; July 24; Serial No. 162,941; published Apr. 24, 1923.

Marks, Samuel H., New York, N. Y. Adhesive pastes. 175,239; Oct. 30.

Marks-Tager Co., Inc., New York, N. Y. Children's dresses. 164,746; Feb. 27.

Markt & Hammacher Company, New York, N. Y. Carpenters' tools, agricultural implements. 170,476; July 17; Serial No. 172,233; published Apr. 17, 1923.

Marmola Company, Detroit, Mich. Laxatives. 169,585; June 26; Serial No. 155,357; published July 18, 1922.

Marmola Company, Detroit, Mich. Deodorant. 176,950; Dec. 11; Serial No. 178,621; published Sept. 18, 1923.

Marolyn Extract Co. (See Palmer, Marion C.)

Marqua, J. E., Company, The, Cincinnati, Ohio. Moving-illuminated-sign-projection devices. 164,385; Feb. 20.

Marquette Manufacturing Company, St. Paul, Minn. Rim and tire tools. 169,353; June 12; Serial No. 172,049; published Mar. 27, 1923.

Marquette Manufacturing Company, St. Paul, Minn. Luggage carriers, shock absorbers, combined fender braces and bumpers. 174,837; Oct. 23; Serial No. 176,561; published July 24, 1923.

Marre, E., & Bro., Oakland, Calif. Canned fruits, vegetables, and fish, jams, jellies, etc. 168,018; May 8.

Marret, Bonnin, Lebel et Guieu, Paris, France. Metals and alloys for use in jewelry and jewelers' wares. 168,886; May 29; Serial No. 170,301; published Mar. 13, 1923.

Marret, Bonnin, Lebel et Guieu, Paris, France. Alloys and metals for use in jewelry and jewelers' wares. 168,972; May 29; Serial No. 170,302; published Mar. 6, 1923.

Marret, Bonnin, Lebel & Guieu, Paris, France. Alloy intended to be used for jewelry and jewelers' goods. 176,042; Nov. 13; Serial No. 180,018; published Sept. 4, 1923.

Marrus, Isaac I., Scranton, Pa. Suits, overcoats, sheepskin coats, pants, etc. 176,449; Nov. 27; Serial No. 177,310; published Sept. 18, 1923.

Mars Grand Rug Co., The, Pawtucket, R. I. Rugs, carpets, and other textile floor coverings. 177,067; Dec. 11; Serial No. 183,390; published Sept. 18, 1923.

Marschat Import Co., Inc., New York, N. Y. Cologne waters, bath salts, face clays, etc. 170,081; July 10; Serial No. 167,530; published Apr. 3, 1923.

Marschat, Richard A., New York, N. Y. Hair nets. 163,925; Feb. 6.

Marsh, Lavinia A., doing business as E. Morgan & Sons, Providence, R. I. Pharmaceutical product for the treatment of poisoning, burns, bruises, etc. 168,447; May 22; Serial No. 170,500; published Feb. 20, 1923.

Marshall & Burke, Richmond, Calif. Paint and varnish remover. 166,459; Apr. 3; Serial No. 169,642; published Jan. 9, 1923.

Marshall Candy Company, Brooklyn, N. Y. Candy. 169,256; June 12; Serial No. 171,227; published Mar. 27, 1923.

Marshall Canning Company, Marshalltown, Iowa. Canned foods. 167,126–7; Apr. 24; Serial Nos. 165,397–8; published Dec. 12, 1922.

Marshall, Clifford C., Vincennes, Ind. Medicinal ointment for the treatment of scalp and hair. 172,883; Sept. 11; Serial No. 175,877; published May 15, 1923.

Marshall, Edward E., doing business as Huntingdon Manufacturing Company, Philadelphia, Pa. Golf Balls. 167,039–40; Apr. 24; Serial Nos. 170,883–4; published Jan. 9, 1923.

Marshall Field & Company, Chicago, Ill. Shampoo. 163,119; Jan. 2.

Marshall Field & Company, Chicago, Ill. Cotton batting. 163,120–4; Jan. 2.

Marshall Field & Company, Chicago, Ill. Ladies' hosiery. 163,238; Jan. 2.

Marshall Field & Company, Chicago, Ill. Muslin piece goods. 163,367; Jan. 9.

Marshall Field & Company, Chicago, Ill. Bedspreads and pillow shams. 163,368–9; Jan. 9.

Marshall Field & Company, Chicago, Ill. Poker chips. 163,370; Jan. 9.

Marshall Field & Company, Chicago, Ill. Towels made of textile fabrics. 163,441; Jan. 9.

Alphabetical list of registrants of trade-marks—Continued.

Marshall Field & Company, Chicago, Ill. Shirts, collars, neckties, pyjamas, bath robes, and overalls. 163,599; Jan. 23.
Marshall Field & Company, Chicago, Ill. Men's hosiery. 163,819; Jan. 30.
Marshall Field & Company, Chicago, Ill. Antiseptic germicide and insect exterminator. 164,500; Feb. 20.
Marshall Field & Company, Chicago, Ill. Shirts, nightshirts, and pyjamas. 164,551; Feb. 20.
Marshall Field & Company, Chicago, Ill. Men's, women's, and children's leather belts. 164,591; Feb. 20.
Marshall Field & Company, Chicago, Ill. Ladies' hosiery. 164,599–600; Feb. 20.
Marshall Field & Company, Chicago, Ill. Men's hosiery. 164,601; Feb. 20.
Marshall Field & Company, Chicago, Ill. Ladies' hosiery. 164,602; Feb. 20.
Marshall Field & Company, Chicago, Ill. Wilton rugs and carpets. 165,031; Feb. 27.
Marshall Field & Company, Chicago, Ill. Elastic web. 165,064; Mar. 6; Serial No. 165,932; published Nov. 14, 1922.
Marshall Field & Company, Chicago, Ill. Elastic web. 165,065; Mar. 6; Serial No. 165,926; published Nov. 14, 1922.
Marshall Field & Company, Chicago, Ill. Face powder, toilet water, compact powder, cold cream, and talcum powder. 165,427; Mar. 13; Serial No. 165,924; published Dec. 12, 1922.
Marshall Field & Company, Chicago, Ill. Velvet carpets. 165,901; Mar. 20.
Marshall Field & Company, Chicago, Ill. Wilton carpets. 165,902; Mar. 20.
Marshall Field & Company, Chicago, Ill. Velvet carpets. 165,903; Mar. 20.
Marshall Field & Company. Rubber bathing caps. 165,991; Mar. 27; Serial No. 165,921; published Dec. 12, 1922.
Marshall Field & Company, Chicago, Ill. Shirts, blouses, nightshirts, and pyjamas. 166,190; Mar. 27; Serial No. 161,544; published Nov. 7, 1922.
Marshall Field & Company, Chicago, Ill. Hand bags of leather and fabric, and other leather goods. 166,256; Mar. 27; Serial No. 164,897; published Dec. 5, 1922.
Marshall Field & Company, Chicago, Ill. Alarm clocks. 166,596; Apr. 10; Serial No. 161,537; published July 18, 1922.
Marshall Field & Company, Chicago, Ill. Men's and women's scarfs, misses' and women's knit skirts, sweaters, men's jerseys, etc. 166,641; Apr. 10; Serial No. 165,930; published Dec. 12, 1922.
Marshall Field & Company, Chicago, Ill. Cigar and cigarette cases. 166,851; Apr. 17; Serial No. 165,366; published Jan. 30, 1923.
Marshall Field & Company, Chicago, Ill. Sachet and face powder, vanishing cream, cold cream, rouge, etc. 167,227; Apr. 24; Serial No. 169,641; published Feb. 6, 1923.
Marshall Field & Company, Chicago, Ill. Ladies' hosiery. 168,196; May 15; Serial No. 166,058; published Jan. 30, 1923.
Marshall Field & Company, Chicago, Ill. Hairpins, common pins, hand sewing needles, crochet hooks, lace pins, etc. 168,205; May 15; Serial No. 161,546; published Feb. 6, 1923.
Marshall Field & Company, Chicago, Ill. Corset waists. 169,419; June 12.
Marshall Field & Company, Chicago, Ill. Silk and cotton piece goods. 169,688; June 26; Serial No. 165,923; published Mar. 27, 1923.
Marshall Field & Company, Chicago, Ill. Lingerie trimming, fancy braids, etc. 169,880; July 3; Serial No. 146,534; published Feb. 21, 1922.
Marshall Field & Company, Chicago, Ill. Sateen in the piece. 169,933; July 3.
Marshall Field & Company, Chicago, Ill. Sheets and pillowcases. 169,991; July 10; Serial No. 140,289; published Apr. 10, 1923.
Marshall Field & Company, Chicago, Ill. Women's hosiery. 170,146; July 10; Serial No. 158,115; published Apr. 24, 1923.
Marshall Field & Company, Chicago, Ill. Gingham in the piece. 170,337; July 10.
Marshall Field & Company, Chicago, Ill. Toweling in the piece. 171,682; Aug. 7.
Marshall Field & Company, Chicago, Ill. Bimonthly magazines. 171,744; Aug. 14; Serial No. 161,681; published May 1, 1923.
Marshall Field & Company, Chicago, Ill. Bias-fold tape and binding. 171,937; Aug. 14.
Marshall Field & Company, Chicago, Ill. Complexion and bath soap. 173,586; Sept. 25.
Marshall Field & Company, Chicago, Ill. Jewelry. 174,382; Oct. 16; Serial No. 161,539; published Feb. 20, 1923.
Marshall Field & Company, Chicago, Ill. Nail files, toilet tweezers, nail and cuticle nippers. 174,419; Oct. 16; Serial No. 181,270; published July 17, 1923.
Marshall Field & Company, Chicago, Ill. Cotton voile in the piece. 174,531; Oct. 16.
Marshall Field & Company, Chicago, Ill. Wool and wool and silk mixture yarn. 174,645; Oct. 23; Serial No. 181,262; published Aug. 7, 1923.
Marshall Field & Company, Chicago, Ill. Muslin in the piece. 174,646; Oct. 23; Serial No. 181,263; published Aug. 7, 1923.
Marshall Field & Company, Chicago, Ill. Wool and wool and silk mixture yarn. 174,647; Oct. 23; Serial No. 181,266; published Aug. 7, 1923.
Marshall Field & Company, Chicago, Ill. Wool and wool and silk mixture yarn. 174,648; Oct. 23; Serial No. 181,268; published Aug. 7, 1923.
Marshall Field & Company, Chicago, Ill. Scissors, shears, and pocketknives. 174,851; Oct. 23; Serial No. 177,371; published July 31, 1923.
Marshall Field & Company, Chicago, Ill. Trunks, suitcases, and traveling bags. 175,255; Oct. 30.
Marshall Field & Company, Chicago, Ill. Cotton crape goods in the piece. 175,275; Oct. 30.
Marshall Field & Company, Chicago, Ill. Perfume. 175,478; Nov. 6; Serial No. 179,523; published Aug. 21, 1923.
Marshall Field & Company, Chicago, Ill. Cotton linings in the piece. 176,987; Dec. 11; Serial No. 179,524; published Sept. 11, 1923.
Marshall Field & Company, Chicago, Ill. Women's muslin underwear. 177,392; Dec. 18; Serial No. 181,267; published Oct. 2, 1923.
Marshall-Gerken Company, The, Toledo, Ohio. Electrical binding posts. 174,464; Oct. 16; Serial No. 173,775; published June 12, 1923.
Marshall, Harry G., Newark, Ohio. Saccharine. 176,818; Nov. 27.
Marshall Metal Corporation, Chicago, Ill. Aluminum welding metal. 166,370; Apr. 3; Serial No. 170,032; published Dec. 19, 1922.
Marshall & Muller, Lodi, Calif. Fresh deciduous fruits and grapes. 173,217; Sept. 18; Serial No. 174,581; published June 26, 1923.
Marshall Oil Company of Iowa, Marshalltown, Iowa. Compounded mineral turpentine. 163,125; Jan. 2.
Marshall Oil Company of Iowa, Marshalltown, Iowa. Varnish, putty, floor oil, and ready-mixed paints. 164,317; Feb. 20.
Marshall Reiha, Inc., Baltimore, Md. Glassware for use in laboratories. 165,959; Mar. 27; Serial No. 151,766; published Dec. 19, 1922.
Marshall, Robert S., doing business as The Steenburg Fur Company, Gloversville, N. Y. Preparation for prevention of moths. 168,130; May 15; Serial No. 170,826; published Feb. 13, 1923.
Marshall Ventilated Mattress Co. Limited, The, Toronto, Ontario, Canada. Mattresses. 175,836; Nov. 13; Serial No. 181,838; published Aug. 28, 1923.
Marshall, Warren, Kansas City, Kans. Preparation for deodorizing bad-smelling and sweating bodies and feet. 165,500; Mar. 13; Serial No. 166,008; published Dec. 5, 1922.
Marshall-Wells Company, Duluth, Minn. Axle grease. 164,703; Feb. 27.
Marshall-Wells Company, Duluth, Minn. Storage batteries, dry cells, electric sad and curling irons and percolators. 165,028; Feb. 27.
Marshall-Wells Company, Duluth, Minn. Electric laundry washing machines. 169,576; June 19.
Marshall-Wells Company, Duluth, Minn. Laundry washing machines and wringers. 171,087; July 31; Serial No. 174,211; published Apr. 24, 1923.
Marshall-Wells Company, Duluth, Minn. Pack sacks, saddles, horse collars, harness, etc. 173,457; Sept. 25; Serial No. 178,533; published June 19, 1923.
Marshall-Wells Company, Duluth, Minn. Paint and shaving brushes. 174,503; Oct. 16; Serial No. 181,135; published July 24, 1923.
Marshall-Wells Company, Duluth, Minn. Coal and gas ranges, coal, gas, wood, and oil heaters, gasoline cookstoves and hot-air furnaces. 174,903; Oct. 23; Serial No. 178,855; published July 24, 1923.
Marshall-Wells Company, Duluth, Minn. Sand, emery, and garnet paper, emery and garnet cloth, sharpening stones, etc. 175,906; Nov. 13; Serial No. 178,532; published Aug. 21, 1923.
Marshall-Wells Company, Duluth, Minn. Carpenters' gauges, plumb bobs, plumbs and levels, etc. 175,038; Oct. 30; Serial No. 178,527; published Aug. 7, 1923.
Marshalltown Manufacturing Company, Marshalltown, Iowa. Rotary self-feeding bevel and splitting shears and brick and plastering trowels. 164,571; Feb. 20.
Mar-Son Medicine Co., St. Louis, Mo. Dentifrice, particularly pyorrhea remedy and tooth paste. 165,711; Mar. 20; Serial No. 168,327; published Dec. 19, 1922.
Marstin, Clayton R., doing business as The Blazeout Company, Boston, Mass. Fire-extinguishing powders. 170,148; July 10; Serial No. 168,272; published Apr. 3, 1923.
Marston, William H., doing business as Marston's Restaurant and Bakery, Newton, Mass. Bread, rolls, and biscuits. 165,406–7; Mar. 6; Serial Nos. 156,171–2; published Oct. 31, 1922.
Marston's Restaurant and Bakery. (See Marston, William H.)

Martha Maid Manufacturing Company, Incorporated, Chicago, Ill. Children's dresses. 174,059; Oct. 2; Serial No. 178,367; published July 10, 1923.

Martha Maid Manufacturing Company, Incorporated, Chicago, Ill. Cotton, silk, wool, and linen underwear of knitted and textile fabric for females. 174,331; Oct. 16; Serial No. 178,084; published July 17, 1923.

Martin, Anita, New York, N. Y. Dress shields. 167,495; May 1; Serial No. 166,240; published Jan. 2, 1923.

Martin, C. J., Austin, Tex. Poultry medicine for the treatment of blackhead, etc. 174,423; Oct. 16; Serial No. 170,943; published Aug. 7, 1923.

Martin Cantine Co., The, Saugerties, N. Y. Enameled book paper. 175,251; Oct. 30.

Martin Cantine Co., The, Saugerties, N. Y. Enameled book paper. 176,430–1; Nov. 27; Serial Nos. 182,980–1; published Sept. 11, 1923.

Martin, Charles F., Fairmont, W. Va. Maltless beverage sold as a soft drink. 167,116; Apr. 24; Serial No. 164,254; published July 25, 1922.

Martin, John H., doing business as Dermavel Laboratories, New York, N. Y. Toilet clay. 168,233; May 15; Serial No. 171,180; published Feb. 13, 1923.

Martin and Martin, Inc., Philadelphia, Pa. Men's, boys', misses', and women's belts. 165,306; Mar. 6; Serial No. 162,884; published Nov. 14, 1922.

Martin-Senour Company, The, Chicago, Ill. Varnishes; stains; paint enamels; dry, ready-mixed, and paste paints; lacquers, etc. 165,284; Mar. 6; Serial No. 153,309; published Dec. 12, 1922.

Martin-Senour Company, The, Chicago, Ill. Paints (liquid, paste, or semipaste), paint enamels, japans, varnishes, stains, etc. 167,821; May 8; Serial No. 155,358; published Feb. 13, 1923.

Martin Varnish Company, Chicago, Ill. Varnishes. 168,473; May 22; Serial No. 167,882; published Feb. 20, 1923.

Martin, W. & J., Glasgow, Scotland. Leather. 172,718; Sept. 11; Serial No. 175,148; published June 5, 1923.

Martinka, Joseph J., Newark, N. J. Preparation for pains, burns, bruises, and cancer. 167,637; May 1; Serial No. 166,603; published Jan. 2, 1923.

Martins Birmingham Limited, Birmingham, England. Golf balls and footballs. 171,097; July 31; Serial No. 173,972; published May 1, 1923.

Martoccio, F. A., Macaroni Co., Minneapolis, Minn. Macaroni. 173,265; Sept. 18; Serial No. 175,258; published June 19, 1923.

Martorelli, Raffaele, New York, N. Y. Peeled tomatoes and tomato paste. 167,732; May 8; Serial No. 156,453; published Dec. 26, 1922.

Martorelli, Raffaele, New York, N. Y. Olive oil. 170,703; July 24; Serial No. 152,269; published May 9, 1922.

Marty, Carl, and Company, Chicago, Ill. Cheese. 167,194; Apr. 24; Serial No. 162,432; published Jan. 30, 1923.

Marty, Carl, & Company, Chicago, Ill. Cheese. 177,381; Dec. 18; Serial No. 181,904; published Oct. 2, 1923.

Marvel Equipment Company, The, Cleveland, Ohio. Liquid measuring and dispensing pumps. 168,128; May 15; Serial No. 170,985; published Feb. 20, 1923.

Marvel Products Company, The, Cleveland, Ohio. Gasoline and liquid gauges. 172,273; Aug. 28; Serial No. 177,682; published May 29, 1923.

Marvel Tractor Co., The, Columbus, Ohio. Motor-driven farm tractors. 171,720; Aug. 14; Serial No. 142,798; published May 22, 1923.

Marvelette Company, Defiance, Ohio. Hair tonic. 175,632; Nov. 6; Serial No. 179,945; published Aug. 14, 1923.

Marvello Lace Company, New York, N. Y. Lace edgings in the piece. 170,661; July 17; Serial No. 168,220; published Apr. 24, 1923.

Marvellum Company, The, Holyoke, Mass. Cover paper. 171,981–2; Aug. 21; Serial Nos. 178,856–7; published May 22, 1923.

Marvel-o Manufacturing Company. (See Laidlaw, James H.)

Marvil Garment Company. (See Darrish, Morris E.)

Marvin, Burdette K., doing business as Marvin Date Company, Riverside, Calif. Dates. 171,361; Aug. 7; Serial No. 170,688; published May 8, 1923.

Marvin, Charlotte E., San Francisco, Calif. Jellies, jams, preserves, marmalades, and pickles. 175,122; Oct. 30; Serial No. 176,198; published Aug. 14, 1923.

Marvin, E. W., Company, Troy, N. Y. Nurses' collars, cuffs, aprons, caps, bibs, uniforms, etc. 174,796; Oct. 23; Serial No. 174,845; published July 24, 1923.

Maryland Company, The, Baltimore, Md. Children's overall play suits. 168,084; May 15; Serial No. 129,239; published June 1, 1920.

Maryland Neckwear Company, Baltimore, Md. Cravats. 164,560; Feb. 20.

Maryland Packing Co., Baltimore, Md. Prepared mustard, Mayonnaise and olive relishes. 169,402; June 12; Serial No. 160,145; published Mar. 27, 1923.

Masol Chemical Co., Chicago, Ill. Toilet preparations. 177,247; Dec. 11; Serial No. 181,760; published Sept. 18, 1923.

Mason, Au & Magenheimer Confectionery Manufacturing Company, Brooklyn, N. Y. Candies. 165,797; Mar. 20; Serial No. 163,161; published Dec. 26, 1922.

Mason, Au & Magenheimer Confectionery Manufacturing Company, Brooklyn, N. Y. Candies. 170,155; July 10; Serial No. 168,978; published Apr. 3, 1923.

Mason City Oil & Grease Company, Mason City, Iowa. Sweeping compound. 165,295; Mar. 6; Serial No. 165,454; published Dec. 5, 1922.

Mason City Oil & Grease Company. Mason City, Iowa. Gasoline. 168,016; May 8.

Mason, David, doing business as Elinette Co., New York, N. Y. Toilet preparations—namely, toilet water, powder, cream, etc. 168,119; May 15; Serial No. 157,330; published Feb. 13, 1923.

Mason, Harry R., Falmouth, Mass. Laxatives. 165,474; Mar. 13; Serial No. 168,117; published Dec. 12, 1922.

Mason, John, doing business as Mason Mfg. Co., Sausalito and San Francisco, Calif. Substitute for turpentine. 169,544; June 19; Serial No. 170,395; published Mar. 20, 1923.

Mason, Judson T., doing business as Tol-O-Nite Remedy Co., Washington, D. C. Compound for treating influenza, grippe, etc. 170,607; July 17; Serial No. 174,317; published Apr. 24, 1923.

Mason Mfg. Co. (See Mason, John.)

Mason, Robert L., doing business as Anchor Sales Service, Waterloo, Iowa. Trading certificates. 173,803; Oct. 2; Serial No. 173,518; published May 29, 1923.

Massachusetts Chocolate Company, Boston, Mass. Sweet-chocolate nut bars. 177,683; Dec. 25; Serial No. 167,479; published Feb. 6, 1923.

Massachusetts Cotton Mills, Lowell, Mass., and New York, N. Y. Cotton goods. 23,019; renewed May 16, 1923.

Massachusetts Cotton Mills, Lowell, Mass. Woven cotton goods. 23,710–11; renewed Oct. 17, 1923.

Massachusetts Knitting Mills, Boston, Mass. Hosiery. 163,962; Feb. 6.

Massachusetts Knitting Mills, Boston, Mass. Hosiery. 166,017; Mar. 27; Serial No. 163,162; published Jan. 2, 1923.

Massachusetts Tire Sales Co., Inc., Boston, Mass. Rubber tires. 176,356; Nov. 20.

Massicotte, Louis G., Providence, R. I. Combined sealing-tape holders and moistening devices. 163,938; Feb. 6.

Master Builders Company, The, Cleveland, Ohio. Preparations to be incorporated with mortar, cement, etc., for the purpose of coloring, hardening, etc., the setting. 174,470; Oct. 16; Serial No. 170,148; published July 3, 1923.

Master Radio Corporation, Los Angeles, Calif. Radiotelephone attachments. 172,444; Aug. 28; Serial No. 171,544; published May 29, 1923.

Master Rule Mfg. Co. Inc., New York, N. Y. Rules, folding rules, extension rules. 173,939; Oct. 2; Serial No. 177,044; published July 10, 1923.

Masuda, Tomekechi, doing business as Nippon Tea Co., Cleveland, Ohio. Tea, coffee, rice, and extracts for seasoning foods. 172,459; Aug. 28; Serial No. 159,518; published May 8, 1923.

Mate Products Corporation, New York, N. Y. Tea. 163,371; Jan. 9.

Mathes, Kirke B., doing business as The Uni-Lak Company, Batavia, N. Y. Chemical products used in finishing heels and bottoms of shoes. 166,199; Mar. 27; Serial No. 162,430; published Dec. 19, 1922.

Mathews, E. L., Candy Company, Wilmington, N. C. Candy. 165,884; Mar. 20.

Mathews, William H., doing business as The Mathews Medical Company, San Francisco, Calif. Medical tonic for use in the treatment of anæmia, debility, stomach derangements, etc. 174,041; Oct. 2; Serial No. 177,447; published July 10, 1923.

Matison Company, The, McColl, S. C. Medicine for the treatment of headache, neuralgia, nervousness, la grippe, etc. 164,615; Feb. 20.

Matre & Company, Chicago, Ill. Pocket holy-water fountain. 169,658; June 26; Serial No. 166,951; published Mar. 27, 1923.

Matson, N. A., Co., Minneapolis, Minn. Toast. 166,990; Apr. 17.

Matson, N. A., Co., Minneapolis, Minn. Bread and toast. 167,510; May 1; Serial No. 165,702; published Dec. 12, 1922.

Mattei, Andrew, Fresno, Calif. Fresh grapes and raisins. 173,137; Sept. 18; Serial No. 178,266; published June 12, 1923.

Matth. Hohner Akt. Ges., Trossingen, Germany. Mouth harmonicas. 177,643; Dec. 25; Serial No. 138,330; published June 12, 1923.

Matthaei Baking Co., Tacoma, Wash. Bakery products—viz, cookies. 167,023; Apr. 24; Serial No. 162,031; published Dec. 12, 1922.

Matthews, Jas. H., & Company, Pittsburgh, Pa. Forged bodies for hand stamps, fullered forgings, and I forgings. 173,746; Oct. 2; Serial No. 177,792; published published June 12, 1923.

Matthews, Jas. H., & Company, Pittsburgh, Pa. Steel marking dies. 174,053; Oct. 2; Serial No. 177,791; published July 3, 1923.

Matthews Selected Dairies Company, The, Cincinnati, Ohio. Fresh milk. 167,237; Apr. 24; Serial No. 159,603; published Dec. 26, 1922.

Alphabetical list of registrants of trade-marks—Continued.

Mauerhofer Söhne & Co., Trubschachen, near Langnau, Switzerland. Cheese and preserved cheese of Swiss origin. 172,769; Sept. 11; Serial No. 173,936; published June 5, 1923.

Maune and Weill, New York, N. Y. Ladies' washable suede-finish gloves. 166,296; Mar. 27.

Maurice River Packing Co., Camden, N. J. Hog food. 164,559; Feb. 20.

Maus, George H., Amsterdam, N. Y. Bamboo fishing poles. 163,864; Jan. 30.

Mauser Mill Company, Laurys Station, Pa. Wheat flour. 170,664; July 17; Serial No. 143,771; published Feb. 13, 1923.

Mauthe, Friedrich, Gesellschaft mit beschränkter Haftung, Schwenningen, Germany. Clocks. 175,217; Oct. 30.

Max Dörner G. m. b. H., Stahlwarenfabrik, Solingen, Germany. Razors, hair clippers, etc. 168,905; May 29; Serial No. 164,803; published Mar. 6, 1923.

Max Klaas Corporation, New York, N. Y. Razors. 163,933; Feb. 6.

Maxmin, H. J. (See Linsk, Alexander & Company, assignor.)

Maxo Products Corporation, New York, N. Y. Regasifying attachments for internal-combustion motors. 166,652; Apr. 10; Serial No. 155,511; published Jan. 9, 1923.

Maxson Automatic Machinery Company, The, Westerly, R. I. Machines for cutting, piling, etc., paper and other sheet material. 170,003; July 10; Serial No. 155,973; published Apr. 3, 1923.

Maxtic Belt & Packing Co., Wellesley Hills, Mass. Fabric belting. 168,482; May 22; Serial No. 168,479; published Feb. 20, 1923.

Maxwell Motor Corporation, Detroit, Mich. Pistons. 174,988; Oct. 30; Serial No. 174,212; published Aug. 7, 1923.

Maxwell Paint Company, The, Philadelphia, Pa. Ready-mixed water paints. 168,733; May 29; Serial No. 172,338; published Mar. 13, 1923.

Maxwell, R. G., & Co., London, England, and Hawick, Scotland. Piece goods of wool, worsted, or hair. 174,499; Oct. 16; Serial No. 181,605; published July 24, 1923.

May, C. Edward, doing business as Crown Bottling Works, Baltimore, Md. Beverage sold as a soft drink. 171,473; Aug. 7; Serial No. 178,349; published May 22, 1923.

May, C. Edward, doing business as Crown Bottling Works, Baltimore, Md. Beverage sold as a soft drink. 177,456; Dec. 18; Serial No. 178,347; published Oct. 2, 1923.

May, D. B., doing business as D. B. May Hosiery Mills, Burlington, N. C. Hosiery. 176,569; Nov. 27; Serial No. 178,562; published Sept. 18, 1923.

May Department Stores Company, New York, N. Y. Pianos and phonographs. 168,423; May 22; Serial No. 172,385; published Feb. 20, 1923.

May Hosiery Mills, doing business as Anti-Darn Hosiery Mills, Nashville, Tenn. Hosiery. 172,215; Aug. 28; Serial No. 173,843; published May 29, 1923.

May Hosiery Mills, Incorporated, Burlington, N. C. Hosiery, underwear, and outer garments. 173,346; Sept. 25; Serial No. 170,589; published June 26, 1923.

Maybach Motorenbau G. m. b. H., Friedrichshafen, Germany. Automobiles, motor trucks, motor boats, and aeroplanes. 165,111; Mar. 6; Serial No. 134,519; published Nov. 14, 1922.

Maybreath Company, Chicago, Ill. Purifying deodorant for mouth and stomach. 169,857; July 3; Serial No. 172,050; published Mar. 13, 1923.

Mayer, Benjamin, doing business as B. Mayer, New York, N. Y. Salt for curing meat. 175,500; Nov. 6; Serial No. 177,014; published Aug. 28, 1923.

Mayer China Company, The, Beaver Falls, Pa. Chinaware. 171,115; July 31; Serial No. 175,017; published May 8, 1923.

Mayer Coating Machines Co. Inc., doing business as Joy Paper Products Co., Rochester, N. Y. Paper cups. 173,185; Sept. 18; Ser. No. 169,028; published June 19, 1923.

Mayer, F., Boot & Shoe Co., Milwaukee, Wis. Leather shoes. 169,376; June 12; Serial No. 170,206; published Mar. 6, 1923.

Mayer, L. S., Gesellschaft mit beschränkter Haftung, Frankfort-on-the-Main, Germany. Jewelry, etc. 177,653; Dec. 25; Serial No. 171,278; published Oct. 9, 1923.

Mayer, Sig. C., & Company, Inc., Philadelphia, Pa. Cigars. 169,707; June 26.

Mayer, Sig. C. & Company, Inc., Philadelphia, Pa. Cigars. 176,803; Nov. 27.

Mayers, Joseph A., New York, N. Y. Golf balls. 164,899; Feb. 27.

Mayfair. (See Bennett, Nellie L.)

Mayhew, James N., Co., Inc., Minneapolis, Minn. Shoe and slipper trees. 175,827; Nov. 13; Serial No 182,427; published Sept. 4, 1923.

Maynard Coal Company, The, Columbus, Ohio. Bituminous coal. 169,889; July 3; Serial No. 158,191; published Apr. 3, 1923.

Maynard, Thomas P., doing business as The Evershine Company, Atlanta, Ga. Cleaning and polishing composition for furniture, woodwork, etc. 172,787; Sept. 11; Serial No. 164,447; published Dec. 19, 1922.

Mayo, Jesse W., Osage City, Kans. Face lotion. 169,907; July 3; Serial No. 170,722; published Mar. 6, 1923.

Mayol, Frank E., Salt Lake City, Utah. Ice cream and frozen dainties. 173,622; Oct. 2; Serial No. 165,697; published July 3, 1923.

Mazer Cigar Manufacturing Company, Detroit, Mich. Cigars. 164,270; Feb. 13.

Mazer Cigar Manufacturing Company, Detroit, Mich. Cigars. 164,905–7; Feb. 27.

McAdam, Charles, Co., Chicago, Ill. Chemical compound for removing rust and other spots from fabrics. 163,114; Jan. 2.

McAllister, W. B., Company, The, Cleveland, Ohio. Electrical cookstoves. 169,404; June 12; Serial No. 154,987; published Mar. 27, 1923.

McAllister, William E., doing business as Dewma Company, South Bend, Ind. Gallstone medicine. 169,899; July 3; Serial No. 171,585; published Mar. 13, 1923.

M'Caw, Stevenson & Orr, Ltd., Belfast, Ireland. Adhesives. 175,996; Nov. 13; Serial No. 164,181; published Sept. 4, 1923.

McBride, James P., Brooklyn, N. Y. Tools for kitchen use in the handling of hot articles. 172,424; Aug. 28; Serial No. 175,364; published May 29, 1923.

McBride, Joseph J., doing business as The Shoor-Patch Rubber Company, Philadelphia, Pa. Preparation of rubber for repairing automobile tires, etc. 170,358; July 10.

McCafferty, James A., & Sons Manufacturing Company, Inc., Brooklyn, N. Y. White lead. 166,242; Mar. 27; Serial No. 165,594; published Dec. 5, 1922.

McCafferty, James A., & Sons Manufacturing Company, Inc., Brooklyn, N. Y. White lead. 167,896; May 8; Serial No. 168,645; published Feb. 13, 1923.

McCahill, Joseph A., Los Angeles, Calif. Poultry powders. 164,344; Feb. 20.

McCall, John O., Buffalo, N. Y. Toothbrushes. 167,172; Apr. 24; Serial No. 171,810; published Jan. 9, 1923.

McCall, John O., doing business as The Odontex Company, Buffalo, N. Y. Toothbrushes. 175,658; Nov. 6; Serial No. 181,607; published Aug. 21, 1923.

McCall, John O., doing business as The Odontex Company, Buffalo, N. Y. Tooth powder and paste and mouth wash. 177,231; Dec. 11; Serial No. 181,606; published Sept. 18, 1923.

McCandless, John D., Roswell, N. Mex. Preparation for use in the treatment of tuberculosis, asthma, influenza, etc. 175,614; Nov. 6; Serial No. 180,873; published Aug. 14, 1923.

McCann, Eugene B., doing business as Mutual Benefit Association, New York, N. Y. Coupons for the purchase of merchandise. 174,823; Oct. 23; Serial No. 173,776; published July 31, 1923.

McCanne, Edward B., doing business as Denver Pharmacal Co., Denver, Colo. Headache, neuralgia, cold, and antifever powders. 164,292; Feb. 20.

McCarthy Bros. Inc., West New York, N. J. Pearl buttons. 171,641; Aug. 7.

McCarthy, John W., jr., Inc., San Francisco, Calif. Canned fruits and vegetables. 164,647–8; Feb. 27.

McCarthy, John W., jr., Inc., San Francisco, Calif. Canned fruits and vegetables. 164,944; Feb. 27.

McCarthy, John W., jr., Inc., San Francisco, Calif. Canned fruits and vegetables. 164,949; Feb. 27.

McCarthy, John W., Jr., Inc., San Francisco, Calif. Canned fruits and vegetables. 166,247; Mar. 27; Serial No. 163,345; published Dec. 12, 1922.

McCarthy, John W., Jr. Inc., San Francisco, Calif. Canned fruits and vegetables. 170,567; July 17; Serial No. 163,341; published Apr. 17, 1923.

McCarthy, Margaret B., assignor to Citrus Products Company, Chicago, Ill. Nonalcoholic beverage sold as a soft drink. 177,127; Dec. 11; Serial No. 119,527; published Mar. 7, 1922.

McCarty, Oliver A., Stockton, Calif. Lubricating oils. 165,187; Mar. 6; Serial No. 168,538; published Dec. 12, 1922.

McCaughn, Robert E., doing business as The Put and Take Company, Memphis, Tenn. Automobile tires, patches, inner tubes, etc. 165,382; Mar. 6; Serial No. 159,878; published Oct. 24, 1922.

McClain, Carrie E., San Antonio, Tex. Luminous baseballs, golf, toy, and tennis balls. 164,912; Feb. 27.

McClelland, Norman E., New York, N. Y. Liquid circulators. 168,628; May 29; Serial No. 167,825; published Feb. 27, 1923.

McCollam, Francis L., doing business as Kozol Laboratories, New York, N. Y. Medical compounds for the relief of pain and the reduction of temperature. 170,735; July 24; Serial No. 172,426; published Apr. 24, 1923.

McComas & Goodwin, assignor to Vapor Lubricant Company, Los Angeles, Calif. Fuel intensifier and carbon preventive for internal-combustion engines. 172,692; Sept. 11; Serial No. 154,374; published May 8, 1923.

McConnell, George, doing business as Desmond-Stephan Manufacturing Company, Urbana, Ohio. Emery-wheel dressers. 169,239; June 12; Serial No. 172,279; published Mar. 20, 1923.

McConnell Manufacturing Company, Newark, N. J. Hair wavers. 177,397; Dec. 18; Serial No. 181,204; published Oct. 2, 1923.

McConway & Torley Company, The, Pittsburgh, Pa. Automatic car couplers and parts thereof. 166,734; Apr. 10.

McCord Manufacturing Company, Inc., Detroit, Mich. Publications—namely, catalogues. 169,087; June 5; Serial No. 173,291; published Feb. 27, 1923.

McCormick Bros. Drug Co., Jacksonville, Fla. Preparation for treatment of malaria, chills, fever, indigestion, etc. 166,268; Mar. 27; Serial No. 166,840; published Nov. 28, 1922.

McCormick & Co. Incorporated, Baltimore, Md. Flavors and flavoring extracts. 164,946; Feb. 27.

McCormick & Co. Incorporated, Baltimore, Md. Maltless flavors and flavoring extracts for use in making soft drinks. 168,556; May 29; Serial No. 161,786; published Feb. 13, 1923.

McCormick, E. J., Rubber Co., Lodi, N. J. Rubber for use in making dental plates. 168,491; May 22.

McCoy, Lon A., doing business as Red Seal Products Company, Akron, Ohio. Coff-o-malt, a substitute for coffee. 168,334; May 22; Serial No. 161,497; published Feb. 20, 1923.

McCreery, James, & Company, New York, N. Y. Fabric gloves. 166,032; Mar. 27; Serial No. 167,309; published Dec. 19, 1922.

McCurrach, James, & Brother, New York, N. Y. Men's cut neckties. 163,597; Jan. 23.

McCutcheon, James, & Company, New York, N. Y. Linen and cotton fabrics in the piece, tablecloths, napkins, handkerchiefs, etc. 166,915; Apr. 17; Serial No. 166,391; published Jan. 30, 1923.

McDermott, John, Los Angeles, Calif. Powder to be made into liquid for mouth wash for treatment of pyorrhea. 164,473; Feb. 20.

McDevitt, Leo R., Pawtucket, R. I. Visible traffic signals for motor vehicles. 169,914; July 3.

McDonagh, Wm., & Sons, New York, N. Y. Disinfectants. 172,794; Sept. 11; Serial No. 175,403; published June 5, 1923.

McDonagh, Wm., & Sons, New York, N. Y. Toilet articles—viz, tooth paste. 173,775; Oct. 2; Serial No. 175,669; published June 26, 1923.

McDonald, J. G., Chocolate Co., Salt Lake City, Utah. Chocolates and candies. 164,642; Feb. 27.

McDonald, J. G., Chocolate Co., Salt Lake City, Utah. Candies. 166,720; Apr. 10; Serial No. 163,588; published Feb. 6, 1923.

McDonald, J. G., Chocolate Co., Salt Lake City, Utah. Chocolates, cocoa, chocolate, and candies. 166,865; Apr. 17; Serial No. 163,589; published Feb. 6, 1923.

McDonald, J. G., Chocolate Co., Salt Lake City, Utah. Chocolates, cocoa, chocolate, and candies. 166,905; Apr. 17; Serial No. 163,591; published Feb. 6, 1923.

McDonald, William J., doing business as Krumm & McDonald Co., Columbus, Ohio. Wheat flour. 167,018; Apr. 24; Serial No. 162,191; published Jan. 30, 1923.

McDougall-Butler Co. Inc., Buffalo, N. Y. Varnish. 177,269; Dec. 11; Serial No. 156,798; published Apr. 25, 1922.

McDougall Company, Frankfort, Ind. Kitchen cabinets. 169,632; June 26; Serial No. 174,846; published Mar. 27, 1923.

McDowell, Charles, doing business as McDowell Paper Mills, Manayunk, Pa. Glassine, grease proof, imitation-parchment, writing, wrapping, etc., paper. 173,253; Sept. 18; Serial No. 179,619; published June 12, 1923.

McDowell, Pyle & Co., Inc., Baltimore, Md. Candy. 169,248; June 12; Serial No. 170,723; published Mar. 27, 1923.

McElwain, W. H., Company, doing business as McElwain, Hutchinson & Winch, Boston, Mass. Leather boots, shoes, and slippers. 176,993; Dec. 11; Serial No. 176,993; published Sept. 18, 1923.

McEvoy, John F., Inc., New York, N. Y. Clerical collars, nightdresses, skirts, kimonos, etc. 171,908; Aug. 14.

McEvoy, Joseph H., Houston, Tex. Well screens and well strainers. 174,485–6; Oct. 16; Serial No. 175,564–5; published July 24, 1923.

McFarland and Company, Everett, Pa. Preparation for the treatment of piles. 164,789; Feb. 27.

McFarland, J. V., Rutherfordton, N. C. Medical preparation for the treatment of high blood pressure. 168,448; May 22; Serial No. 170,494; published Feb. 20, 1923.

McGee, William H., Los Angeles, Calif. Hairpin and hair curler. 165,921; Mar. 20.

McGlone Varnish Company, Revere, Mass. Varnishes, stains, and ready-mixed paints. 164,547; Feb. 20.

McGlone Varnish Company, Revere, Mass. Varnishes, stains, and ready-mixed paints. 166,087; Mar. 27; Serial No. 163,938; published Nov. 28, 1922.

McGovern & McGovern, Seattle, Wash. Canned salmon. 173,771; Oct. 2; Serial No. 176,904; published July 10, 1923.

McGrory, Daniel T., doing business as Ceres Core Binder Company, Chicago, Ill. Processed cereal binder and a paste for forming core compounds used in the casting of metals. 170,420; July 17; Serial No. 172,952; published Apr. 10, 1923.

McGugan, James H., Havana, Ark. Preparation for the treatment of goiters. 176,923; Dec. 4.

McGuire, William A., Cliffside, N. J. Liniments. 173,264; Sept. 18; Serial No. 175,365; published June 19, 1923.

McHarg, Sidney, Calexico, Calif. Cantaloupes and lettuce. 177,521; Dec. 18; Serial No. 167,409; published Oct. 9, 1923.

McHenry Cannery, Modesto, Calif. Canned fruits and vegetables. 171,187; July 31; Serial No. 171,937; published May 1, 1923.

McIntosh Company, Springfield, Mass. Leather boots and shoes. 163,115; Jan. 2.

McKay Company, New York, N. Y. Compound for coloring electric bulbs. 170,372; July 17; Serial No. 174,090; published Apr. 10, 1923.

McKay Company, New York, N. Y. Chemical compound for etching glass. 170,751; July 24; Serial No. 174,091; published Apr. 24, 1923.

McKay-Manning, Incorporated, New York, N. Y. Cooked, uncooked, fresh, canned, compressed, dried, evaporated, frozen, preserved, sweetened, and unsweetened foods and food products. 170,914; July 24; Serial No. 166,783; published Mar. 20, 1923.

McKay Metallic Fastening Association, assignor to United Shoe Machinery Corporation, Boston, Mass. Metallic nail strips. 23,104; renewed May 23, 1923.

McKee Glass Company, Jeannette, Pa. Liquid coolers and dispensers. 163,677; Jan. 23.

McKee Glass Company, Jeannette, Pa. Glass cooking vessels. 163,856; Jan. 30.

McKee, William, Minneapolis, Minn. Beverage sold as a soft drink. 174,171; Oct. 9; Serial No. 179,876; published July 17, 1923.

McKenna, Grace P., Washington, D. C. Necklaces, bracelets, brooches, finger rings, vanity cases. 172,005; Aug. 21; Serial No. 173,606; published May 8, 1923.

McKesson & Robbins Inc., New York, N. Y. Brushes. 173,932; Oct. 2; Serial No. 177,502; published July 17, 1923.

McKibben, Nell, et al., successors. (See Roth, A. P., and Van Harlingen.)

McKibbin, Driscoll & Dorsey, Inc., St. Paul, Minn. Hatbands. 169,728; June 26.

McKinlay, Stone & MacKenzie, Inc., New York, N. Y. Electric therapeutic brushes. 163,116; Jan. 2.

McKinney, Eva J., doing businesss as McKinney Manufacturing Co., Clinton, Ill. Bedclothes protector. 168,430; May 22; Serial No. 172,003; published Feb. 20, 1923.

McKinney Manufacturing Co. (See McKinney, Eva J.)

McKnight, Earl, Pittsburgh, Pa. Candy and confections in the form of a candy block. 171,188; July 31; Serial No. 171,761; published May 1, 1923.

McKnight, Janie A., Lincolnton, N. C. Women's and children's hats and adjustable nonsewing bandeaux. 165,934; Mar. 20.

McKoin, Ida, Guthrie, Okla. Hair grower. 174,323; Oct. 16; Serial No. 177,858; published July 17, 1923.

McLane Silk Company, Turners Falls, Mass. Silk and satin piece goods. 177,483; Dec. 18; Serial No. 183,221; published Sept. 25, 1923.

McLaughlin, Frank L., doing business as McLaughlin Laboratories, Detroit, Mich. Automobile transmission linings. 165,222; Mar. 6; Serial No. 165,754; published Nov. 14, 1922.

McLaughlin, Harry, doing business as McLaughlin Manufacturing Company, Chicago, Ill. Pop-corn confection. 164,943; Feb. 27.

McLaughlin Laboratories. (See McLaughlin, Frank L.)

McLaughlin Manufacturing Company. (See McLaughlin, Harry.)

McLaurin-Jones Co. (See Ideal Coated Paper Company, assignor.)

McLaurin-Jones Co., Brookfield, Mass. Coated book papers. 168,699; May 29; Serial No. 166,894; published Mar. 6, 1923.

McLaurin-Jones Co., Brookfield, Mass. Wrapping paper. 170,273; July 10; Serial No. 174,147; published Apr. 10, 1923.

McLaurin-Jones Co., Brookfield, Mass. Coated paper to be printed or lithographed. 172,415; Aug. 28; Serial No. 178,761; published May 22, 1923.

McLaurin-Jones Co., Brookfield, Mass. Coated book paper. 177,571; Dec. 18; Serial No. 176,844; published Oct. 2, 1923.

McLaurin-Jones Co., Brookfield, Mass. Proofing paper. 177,778; Dec. 25; Serial No. 183,716; published Oct. 9, 1923.

McLean, Loula K., doing business as Metouck Specialty Agency, Mount Kisco, N. Y. Music sheets, completely-printed books, photoprints, and printed poems. 167,857; May 8; Serial No. 159,165; published Feb. 20, 1923.

McLean Tire and Rubber Company, The, East Liverpool, Ohio. Cord and fabric tires. 171,928; Aug. 14.

McLellan, W. C., Lodi, Calif. Fresh grapes. 171,459; Aug. 7; Serial No. 168,371; published May 8, 1923.

McLeod, John, (Bradford District), Haverhill, Mass. Paint in paste form. 169,505; June 19; Serial No. 160,360; published Mar. 20, 1923.

McLouth, Sydney C., Marine City, Mich. Power-propelled boats. 165,144; Mar. 6; Serial No. 149,092; published Nov. 14, 1922.

Alphabetical list of registrants of trade-marks—Continued.

McMichael, Americus O., doing business as Carnotite Gland Extract Company, Denver, Colo. Car-No-Tite baths. 172,540; Sept. 4; Serial No. 173,870; published May 8, 1923.
McMillan, A. G., doing business as Sales Equipment Company, Detroit, Mich. Combination index and sales-data book. 170,532; July 17; Serial No. 174,318; published Apr. 24, 1923.
McMorran, C. W., San Francisco, Calif. Chowder. 176,740; Nov. 27; Serial No. 176,491; published Sept. 11, 1923.
McMullen, Hattie, Knoxville, Tenn. Cleanser for woodwork, furniture, leather goods, and rugs. 166,409; Apr. 3; Serial No. 166,697; published Dec. 12, 1922.
McNasby Oyster Co., Annapolis, Md. Raw oysters and oysters in the shell. 172,946; Sept. 11; Serial No. 155,269; published June 5, 1923.
McNulty, Joseph A., New York, N. Y. Red oxides. 173,410; Sept. 25; Serial No. 177,684; published June 19, 1923.
McPhee & McGinnity Company, Denver, Colo. Color varnish. 167,774; May 8; Serial No. 172,645; published Feb. 13, 1923.
McPhee & McGinnity Company, Denver, Colo. Wall-finish paints or calcimines in powder form. 169,615; June 26; Serial No. 172,605; published Mar. 27, 1923.
McPherson, W. G., Company, The, Portland, Oreg. Warm-air furnaces. 169,237; June 12; Serial No. 172,626; published Mar. 13, 1923.
McPherson, Wallis D., doing business as Paoha Island Works, Mono Lake, Calif. Medicinal salt for cleaning the hair and scalp, removing dandruff, and treating burns. 176,197; Nov. 20; Serial No. 165,703; published Oct. 31, 1922.
McPhillips, Frank, doing business as Duckback Waterproofing Co., Portland, Oreg. Waterproofing composition. 164,299; Feb. 20.
McQuillan, Owen A., Philadelphia, Pa. Candy. 169,370; June 12; Serial No. 169,452; published Mar. 27, 1923.
McRae, Estella M., Tacoma, Wash. Petticoat. 168,110; May 15; Serial No. 135,972; published Feb. 6, 1923.
McRoberts, R. W., Atlanta, Ga. Medicine used in the treatment of rickets, etc. 175,613; Nov. 6; Serial No. 180,874; published Aug. 14, 1923.
McSweeny, Eugene D., El Monte, Calif. Fresh vegetables—namely, potatoes. 166,501; Apr. 3; Serial No. 162,755; published Jan. 9, 1923.
McWade Tire and Rubber Company, The, Garrettsville, Ohio. Rubber heels. 172,115; Aug. 21; Serial No. 175,878; published May 22, 1923.
Mead, Allen G., doing business as Beech-Nut Products Company, Chicago, Ill. Shoe cream. 165,060; Mar. 6; Serial No. 166,511; published Dec. 19, 1922.
Mead Johnson & Co., Evansville, Ind. Specially-prepared food for infants. 173,340; Sept. 25; Serial No. 171,939; published June 26, 1923.
Mebane, Alexander D., Lockhart, Tex. Selected cotton-seed. 173,014; Sept. 11; Serial No. 173,848; published June 5, 1923.
Mechanical & Electrical Mfg. Co., Berlin, N. H. Electric water heaters. 164,604; Feb. 20.
Mechanical Rubber Company, New York, N. Y., Chicago, Ill., and Cleveland, Ohio. Jar rings, rubber belting, hose, and packing. 163,126; Jan. 2.
Mechanically Applied Products Company, The, Cleveland, Ohio. Plaster compositions and composition flooring. 165,205; Mar. 6; Serial No. 166,707; published Nov. 28, 1922.
Med-A-Dent, Dental Specialties Company. (See Hatfield, Asa A.)
Medicraft Company, The, Cleveland, Ohio. Facial creams. 172,355; Aug. 28; Serial No. 173,433; published May 15, 1923.
Medina Manufacturing Co., The, Medina, Ohio. Lift jack. 174,956; Oct. 30; Serial No. 163,166; published Aug. 14, 1923.
Medoc Distributing Company, New York, N. Y. Pharmaceutical preparations. 173,980; Oct. 2; Serial No. 143,773; published July 17, 1923.
Medvene, William, doing business as Made-Nu Company, Canton, Ohio. Furniture polish. 164,362; Feb. 20.
Meehan, Augustus F., Chattanooga, Tenn. Gray-iron castings. 166,856; Apr. 17; Serial No. 164,177; published Jan. 16, 1923.
Meerse, Jacob, doing business as Union Brush Co., Cincinnati, Ohio. Brushes, mops, dusters. 170,983; July 24.
Meeter, John, & Son, Inc., Lansing, Ill. Canned sauerkraut. 166,246; Mar. 27; Serial No. 163,230; published Nov. 28, 1922.
Megas Laboratory. (See Migakis, Nicholas D.)
Megley, John, Chicago, Ill. Medicine for headache, stomach troubles, constipation, rheumatism, etc. 165,789; Mar. 20; Serial No. 164,178; published Jan. 2, 1923.
Meier & Frank Co., Portland, Oreg. Candy. 163,513; Jan. 16.
Meier & Frank Co., Portland, Oreg. Men's, women's, and children's outer clothing. 166,670; Apr. 10; Serial No. 165,402; published Jan. 16, 1923.
Meier, John, Shoe Company, St. Louis, Mo. Leather shoes. 170,875; July 24; Serial No. 158,722; published Apr. 24, 1923.
Meier, Virginia A. P. (See Petzelt, Christopher, assignor.)
Meigs & Co. Inc., Boston, Mass., and Bridgeport, Conn. Overcoats. 174,286; Oct. 9; Serial No. 179,376; published July 10, 1923.
Meinhardt, Jacob A., doing business as J. A. Meinhardt Company, Chicago, Ill. Mops, mopsticks, and bathtub cleaners. 174,886; Oct. 23; Serial No. 180,876; published July 24, 1923.
Meisenhelder Bros., Palestine, Ill. Bread and wheat flour. 165,244; Mar. 6.
Meisselbach, A. F., Mfg. Co. Inc., New York, N. Y. Fishing reels. 175,606; Nov. 6; Serial No. 173,574; published Aug. 28, 1923.
Melachrino, Miltiades, New York, N. Y. Cigarettes. 175,494; Nov. 6; Serial No. 177,859; published Aug. 21, 1923.
Melanson Shoe Company, Lynn, Mass. Leather shoes. 170,625; July 17; Serial No. 175,259; published Apr. 17, 1923.
Melba Manufacturing Company, Chicago, Ill. Hair nets. 166,113; Mar. 27; Serial No. 150,697; published Sept. 13, 1921.
Melcher, Paradise & Landau (now by change of name Melcher & Landau), Chicago, Ill. Infants' bootees, bibs, bonnets, coats, etc. 167,795; May 8; Serial No. 164,650; published Feb. 6, 1923.
Meldram, Minnie M., New York, N. Y. Bread. 171,689; Aug. 7.
Meller, Alice R., doing business as The Sani Scalp Co., Pittsburgh, Pa. Preparation for treatment of dandruff and other disorders of the scalp. 169,768; July 3; Serial No. 169,253; published Mar. 13, 1923.
Mellier Drug Company, St. Louis, Mo. Tonic and general stimulant. 17,784; renewed Apr. 15, 1920.
Mello Company, The, Laporte, Ind. Washing compound. 171,769; Aug. 14; Serial No. 173,607; published May 15, 1923.
Mello-Glo Company. (See Lowrance, John W., assignor.)
Mell-O Packing Company. (See Burhop, Fred D.)
Mellor, Walter, Philadelphia, Pa., and Cummington, Mass. Raw milk and cream, butter, cheese, eggs, etc. 176,510; Nov. 27; Serial No. 166,082; published July 31, 1923.
Mel-O-Bile Company, The, Spokane, Wash. Nonfreezable liquid preparation for use in automobile radiators and the like. 164,441; Feb. 20.
Melville Shoe Corporation, New York, N. Y. Shoes. 170,095; July 10; Serial No. 169,406; published Apr. 10, 1923.
Melville Shoe Corporation, New York, N. Y. Shoes. 170,435; July 17; Serial No. 171,704; published Apr. 10, 1923.
Melville Shoe Corporation, New York, N. Y. Shoes. 171,770; Aug. 14; Serial No. 173,575; published May 8, 1923.
Melville Shoe Corporation, New York, N. Y. Leather shoes. 176,829; Dec. 4; Serial No. 182,000; published Sept. 18, 1923.
Memphis Sash & Door Co., Memphis, Tenn. Doors and sashes. 175,526; Nov. 6; Serial No. 181,136; published Aug. 21, 1923.
Mende, Paul, Inc., New York, N. Y. Plaster. 172,979; Sept. 11; Serial No. 175,433; published June 12, 1923.
Mendell, Jacob, Brooklyn, N. Y. Candies. 166,879; Apr. 17; Serial No. 153,610; published Mar. 14, 1922.
Mendoza Fur Dyeing Works, Inc., New York, N. Y. Furs, skins, hides, pelts, and dyed and dressed furs. 165,304; Mar. 6; Serial No. 163,226; published Oct. 10, 1922.
Mengart Knitting Mills, New York, N. Y. Sweaters, dresses, bathing suits, mufflers, knitted gloves, stockings, etc. 173,399; Sept. 25; Serial No. 175,149; published June 26, 1923.
Mengo Products Company, Pittsburgh, Pa. Adhesive patches. 174,456; Oct. 16; Serial No. 150,871; published June 26, 1923.
Menihan Company, The, Rochester, N. Y. Leather shoes. 170,874; July 24; Serial No. 158,787; published Apr. 24, 1923.
Menihan Company, The, Rochester, N. Y. Leather shoes. 170,885; July 24; Serial Nos. 158,788; published Apr. 24, 1923.
Menihan Company, The, doing business as Arch Aid Shoe Co., Rochester, N. Y. Leather shoes. 172,293; Aug. 28; Serial No. 165,259; published Dec. 19, 1922.
Menley & James, Limited, New York, N. Y. Pessaries, suppositories, and a preparation of liquid iodine. 176,225; Nov. 20; Serial No. 177,188; published Aug. 28, 1923.
Menominee Motor Truck Co., Clintonville, Wis. Motor trucks. 171,496; Aug. 7; Serial No. 171,647; published May 22, 1923.
Menter Co. Inc., The, New York, N. Y. Coats, vests, trousers, and overcoats. 164,792; Feb. 27.
Mentho Kreoamo Company. (See Gillen, P. Joseph.)
Mentho Relief Company. (See Gallagher, Owen V.)
Mentholatum Company, The, Wichita, Kans., and Buffalo, N. Y. Preparation for repelling mosquitoes. 172,452; Aug. 28; Serial No. 172,386; published May 15, 1923.
Menzie, George A., Duluth, Minn. Hair tonic. 169,616; June 26; Serial No. 172,606; published Mar. 6, 1923.
Menzin, Sol, New York, N. Y. Dress and work shirts. 164,745; Feb. 27.

Mercedes Buro Maschinen- und Waffen-Werke. (See Mez, Gustav.)
Merchants Gold Stamp Company, Wilkes-Barre, Pa. Trading stamps. 164,554; Feb. 20.
Merchants Publishing Company, doing business as Kalasign Company of America. Kalamazoo, Mich. Advertising cards and placards. 173,600; Oct. 2; Serial No. 167,529; published June 26, 1923.
Merchants Supply Company, Beatrice, Nebr. Feed for chickens. 167,211; Apr. 24; Serial No. 165,088; published Dec. 19, 1922.
Mercier Bros., The, Concord, N. H. Candied pop corn. 173,854; Oct. 2; Serial No. 175,150; published July 3, 1923.
Merck & Co., New York, N. Y. Digitalis preparation. 165,021; Feb. 27.
Merck & Co., New York, N. Y. Chemical preparation used in X-ray examinations. 165,022; Feb. 27.
Merck & Co., New York, N. Y. Preparation used as an anti-spasmodic. 165,023; Feb. 27.
Merck & Co., New York, N. Y. Preparation used as a diuretic. 165,933; Mar. 27; Serial No. 166,464; published Nov. 28, 1922.
Merck & Co., New York, N. Y. Preparations used as hypnotics. 167,566; May 1; Serial No. 167,685; published Jan. 9, 1923.
Merck & Co., New York, N. Y. Preparation used as an antispasmodic. 167,625; May 1; Serial No. 167,684; published Dec. 26, 1922.
Merck & Co., New York, N. Y. Talcum powder. 168,809; May 29; Serial No. 169,980; published Feb. 13, 1923.
Merck & Co., New York, N. Y. Insecticide. 168,836; May 29; Serial No. 170,590; published Feb. 13, 1923.
Merck & Co., New York, N. Y. Antirheumatic. 173,102; Sept. 18; Serial No. 177,096; published June 12, 1923.
Merck & Co., New York, N. Y. Saporific. 173,892; Oct. 2; Serial No. 177,312; published July 10, 1923.
Merck & Co., New York, N. Y. Preparation used for the treatment of goiter and as a prophylactic. 176,297; Nov. 20; Serial No. 180,076; published Aug. 14, 1923.
Merck, E., Darmstadt, Germany. Egg-shaped peroxide tablets for the hygiene of the mouth. 164,320; Feb. 20.
Merck, Firm of E., Darmstadt, Germany, assignor to The Chemical Foundation Incorporated, Wilmington, Del. Medicinal agents for use in urinary diseases. 24,094; renewed Jan. 23, 1924.
Merck, The Firm of E., Darmstadt, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del. Remedies for cancerous diseases. 22,375; renewed Jan. 24, 1923.
Merck, The Firm of E., Darmstadt, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del. Preparations of iron. 23,530–1; renewed Aug. 22, 1923.
Merck, The Firm of E., Darmstadt, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del. Medicinal agents for nervous diseases and a febrifuge. 23,534; renewed Aug. 22, 1923.
Merck, The Firm of E., Darmstadt, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del. Remedies for whooping cough and asthmatic diseases. 23,536; renewed Aug. 22, 1923.
Merck, The Firm of E., Darmstadt, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del. Remedies for cancerous diseases. 23,537; renewed Aug. 22, 1923.
Meridian Grain & Elevator Company. (See Wilson, John M.)
Meridian Textile Corporation, New York, N. Y. Silk, wool, cotton, linen piece goods and combinations thereof. 166,845; Apr. 17; Serial No. 166,392; published Aug. 8, 1922.
Merikle, Edward D., New York, N. Y. Hosiery. 171,882; Aug. 14; Serial No. 172,757; published May 22, 1923.
Merit Manufacturing Co. (See Parker, Elgin R.)
Merkin, M. J., Paint Co. Inc., Long Island City, N. Y. Lead, oil, and zinc paint. 169,950; July 10; Serial No. 174,583; published Apr. 10, 1923.
Mermelstein, Joseph R., doing business as Blossom Hat Co., New York, N. Y. Ladies' hats. 166,203; Mar. 27; Serial No. 171,025; published Jan. 2, 1923.
Merola, Joseph P., Newark, N. J. Hair-dressing tonic. 166,183; Mar. 27; Serial No. 166,602; published Dec. 5, 1922.
Merolla, Ricciardi and Salomone Corporation, New York, N. Y. Spaghetti, cheese, and sauce. 167,182; Apr. 24; Serial No. 162,842; published Jan. 30, 1923.
Merrell, George F., Inc., Rochester, N. Y. Washing machinery for clothes and laundry. 167,798; May 8; Serial 163,641; published Feb. 6, 1923.
Merrell, J. S., Drug Company, St. Louis, Mo. Lump and powdered alum, copper sulphate, powdered boric acid, etc. 166,129; Mar. 27; Serial No. 137,889; published June 6, 1922.
Merrell, J. S., Drug Company, St. Louis, Mo. Boric, carbolic, oxalic, and salicylic acids, denatured alcohol, etc. 175,476–7; Nov. 6; Serial Nos. 179,544–5; published Aug. 21, 1923.
Merrell-Soule Company, Syracuse, N. Y. Whole-milk powder. 171,105; July 31; Serial No. 174,474; published May 8, 1923.
Merrell-Soule Company, Syracuse, N. Y. Powdered milk. 173,222; Sept. 18; Serial No. 174,146; published June 19, 1923.
Merrell, William S. Company, The, Cincinnati, Ohio. Capsules containing mercury. 163,127; Jan. 2.
Merriam, G. & C., Company, Springfield, Mass. Dictionaries. 172,131; Aug. 21; Serial No. 174,584; published May 22, 1923.
Merriam Manufacturing Company, Durham, Conn. Security, office, bond, etc., tin boxes. 168,004; May 8.
Merrick and Rice, Kendal, Fla. Fresh grapefruit. 173,151; Sept. 18; Serial No. 154,317; published June 19, 1923.
Merrick Scale Mfg. Company, Passaic, N. J. Automatic and continuous weighing apparatus, recording mechanism for weighing mechanism, etc. 167,234; Apr. 24; Serial No. 162,188; published Jan. 30, 1923.
Merrimac Laboratories, Inc., New York, N. Y. Nail polish. 175,631; Nov. 6; Serial No. 180,021; published Aug. 21, 1923.
Merrimack Manufacturing Company, Lowell, Mass. Cotton piece goods. 163,983; Feb. 6.
Merritt, George W., Company, Inc., Norfolk, Va. Floral antiseptic hair tonic. 174,033; Oct. 2; Serial No. 176,748; published June 19, 1923.
Merritt, George W., Company, Inc., Norfolk, Va. Antiseptic hair grower. 174,034; Oct. 2; Serial No. 176,749; published June 19, 1923.
Merritt, Hiram, doing business as Diozone Co., Newburgh, N. Y. Powder for holding false teeth in place. 164,514; Feb. 20.
Merritt, Hiram, doing business as Diozone Company, Newburgh, N. Y. Paste for cleaning false teeth. 173,678; Oct. 2; Serial No. 178,182; published July 3, 1923.
Merritt Rubber Co. Inc., New York, N. Y. Rubber vehicle tires and rubber inner tubes. 163,128; Jan. 2.
Mer-Sha Candies, St. Paul, Minn. Candy. 171,756; Aug. 14; Serial No. 160,621; published June 5, 1923.
Merton, Charles S., & Co., Rutherford, N. J. Hats and caps. 167,794; May 8; Serial No. 164,717; published Feb. 6, 1923.
Merton, Charles S., & Co., Rutherford, N. J. Hats and caps. 168,102; May 15; Serial No. 164,716; published Feb. 6, 1923.
Merton, Charles S., & Co., East Rutherford, N. J. Men's and boys' hats and caps. 170,748; July 24; Serial No. 173,778; published Apr. 24, 1923.
Merton, Charles S., & Co., East Rutherford, N. J. Men's and boys' hats and caps. 172,101; Aug. 21; Serial No. 173,654; published May 22, 1923.
Mervine Mfg. Co. Inc., Wilmington, Del., and Stroudsburg, Pa. Concentrated preparation for preparing non-alcoholic, maltless beverages. 168,476; May 22; Serial No. 168,160; published Feb. 20, 1923.
Mesa Flour Mills, The. (See Colorado Milling & Elevator Co.)
Mesquita & Lange, New York, N. Y. Spun silk. 173,216; Sept. 18; Serial No. 174,665; published June 19, 1923.
Messinger Paper Company, Chicago, Ill. Toilet, wrapping, book, and printing paper. 167,156; Apr. 24; Serial No. 172,998; published Feb. 6, 1923.
Messinger Paper Company, Chicago, Ill. Toilet, wrapping, book, and printing paper. 167,157; Apr. 24; Serial No. 173,000; published Feb. 6, 1923.
Metal Goods Manufacturing Co., Boston, Mass. Egg beaters and cream whip. 166,818; Apr. 17; Serial No. 167,050; published Jan. 9, 1923.
Metal Goods Manufacturing Co., Boston, Mass. Metal hot-water bottles and bed warmers. 168,731; May 29; Serial No. 172,280; published Mar. 13, 1923.
Metal Specialties Manufacturing Company, Chicago, Ill. Automobile body brace and running-board support and visors for automobiles. 165,158; Mar. 6; Serial No. 150,917; published Oct. 17, 1922.
Metal Specialties Manufacturing Company, Chicago, Ill. Protectors for use on automobiles. 175,703; Nov. 6.
Metalistic Company, New York, N. Y. Metallic packing. 169,167; June 12; Serial No. 167,310; published Feb. 27, 1923.
Metallic Industries, Inc., St. Louis, Mo. Toys constructed of metal and wood. 167,011; Apr. 24; Serial No. 162,757; published Jan. 30, 1923.
Metallic Industries, Inc., St. Louis, Mo. Teeters. 168,006; May 8.
Metallo Gasket Co., New Brunswick, N. J. Metallic gaskets and packing. 171,916; Aug. 14.
Metals Refining Company, Hammond, Ind., and Chicago, Ill. Type metal. 163,663; Jan. 23.
Metcalfe, Arden B., Shelby, Ohio. Blank cash books, grade cards, pencils, loose-leaf files, rubber bands, etc. 165,526; Mar. 13; Serial No. 157,673; published Oct. 10, 1922.
Meteor Mixing Machine Co., Inc., New York, N. Y., assignor to Fitchburg Machine Works, Fitchburg, Mass. Food-mixing machines and parts thereof. 172,220; Aug. 28; Serial No. 170,441; published Apr. 17, 1923.
Metfab, Inc., New York, N. Y. Metal fiber fabrics. 165,298; Mar. 6; Serial No. 164,654; published Dec. 5, 1922.
Metke, John, doing business as Queen City Specialty Company, Buffalo, N. Y. Waterproof dressing for leather, etc. used for automobile tops. 176,949; Dec. 11; Serial No. 159,521; published July 3, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Metouck Specialty Agency. (See McLean, Loula K.)
Metro Chocolate Co., Inc., The, Brooklyn, N. Y. Milk-chocolate fruit and nut roll. 177,754; Dec. 25; Serial No. 179,050; published Sept. 25, 1923.
Metro Electrical Co., Inc., Newark, N J. Electrical telephone receivers. 173,004; Sept. 11; Serial No. 177,795; published June 5, 1923.
Metro Pictures Corporation, New York, N. Y. Motion-picture films. 171,816; Aug. 14; Serial No. 175,093; published May 15, 1923.
Metropolitan Radio Corporation, Newark, N. J. Electrical telephone receivers. 168,647; May 29; Serial No. 165,699; published Feb. 13, 1923.
Metropolitan Roofing Material Co., New York, N. Y. Coal tar for building and construction purposes, slate and tarred roofing. 169,294; June 12; Serial No. 165,555; published Mar. 27, 1923.
Metz, H. A., & Co., Inc., New York, N. Y. Chemical substitutes for camphor used in celluloid. 169,604; June 26; Serial No. 171,940; published Mar. 20, 1923.
Metz, H. A., & Co., Inc., New York, N. Y. Dyes and dyestuffs. 170,413; July 17; Serial No. 173,238; published Apr. 10, 1923.
Metz, H. A., & Co., Inc., New York, N. Y. Dyestuffs. 174,069; Oct. 2; Serial No. 178,563; published July 10, 1923.
Metz, H. A., & Co., Inc., New York, N. Y. Preparation for removing starch and sizing from textiles. 174,802; Oct. 23; Serial No. 180,713; published Aug. 7, 1923.
Metz, H. A., Laboratories, Inc., New York, N. Y. Astringents and mild antiseptics. 170,191; July 10; Serial No. 173,434; published Apr. 3, 1923.
Metzger Bros., Dallas, Tex. Butter. 165,652; Mar. 13.
Metzger, W. H., doing business as W. H. Metzger Company, Bloomington, Ill. Exterminator for insects on plant life, trees, etc. 170,122; July 10; Serial No. 164,180; published Apr. 3, 1923.
Metzger, W. H., Company. (See Metzger, W. H.)
Metzler & Company, Incorporated, New York, N. Y. Negotiable and registrable bonds. 177,315; Dec. 18; Serial No. 180,338; published Oct. 2, 1923.
Mewhinney, A. B., Co., Inc., Terre Haute, Ind. Candy. 166,437; Apr. 3; Serial No. 166,952; published Jan. 16, 1923.
Mewhinney, A. B., Co. Inc., also doing business as Mewhinneys, Terre Haute, Ind. Candy. 169,289; June 12; Serial No. 162,562; published Mar. 27, 1923.
Mewhinney, A. B., Co. Inc., also doing business as Mewhinney's, Terre Haute, Ind. Chocolate-coated fudge bars. 170,139; July 10; Serial No. 162,564; published Apr. 10, 1923.
Mewshaw, James C., doing business as J. C. M. Accelerator Company, Baltimore, Md. Emergency gasoline and oil tanks. 169,477; June 19; Serial No. 174,021; published Feb. 27, 1923.
Mexican-American Hat Co., St. Louis, Mo. Harvest hats for men, women, and children. 171,655; Aug. 7.
Meyer, A. J., Mfg. Co., Inc., West Hoboken, N. J. Radio apparatus, parts, and supplies. 169,296; June 12; Serial No. 165,755; published Mar. 6, 1923.
Meyer, Bacharach & Friedheim, New York, N. Y. Neckties. 174,722; Oct. 23; Serial No. 174,183; published July 24, 1923.
Meyer, Bacharach & Friedheim, New York, N. Y. Neckties. 176,129; Nov. 20; Serial No. 174,184; published Sept. 11, 1923.
Meyer Bros., Dalcour, La. Fresh vegetables. 170,924; July 24; Serial No. 164,334; published Apr. 24, 1923.
Meyer, Edmund, doing business as Fortuna Water Company, San Francisco, Calif. Mineral water. 177,696; Dec. 25; Serial No. 183,393; published Oct. 9, 1923.
Meyer, Edward, Louisville, Ky. Polish for furniture, automobiles, and musical instruments. 163,600; Jan. 23.
Meyer, Emile, New York, N. Y. Cotton goods in the piece, silk and cotton fabrics, and silk goods in the piece. 173,370; Sept. 25; Serial No. 178,764; published May 22, 1923.
Meyer, Ernest R., Los Angeles, Calif. Hand cream. 167,433; May 1; Serial No. 163,282; published Dec. 26, 1922.
Meyer, Foote and Dayton Co., Rochester, N. Y. Bluing. 166,265; Mar. 27; Serial No. 166,748; published Dec. 5, 1922.
Meyer & Gross, Newark, N. J. Finger rings. 164,371; Feb. 20.
Meyer, Jos. H., Bros., Inc., Brooklyn, N. Y. Reproductions of precious and semiprecious gems and stones. 171,299–300; Aug. 7; Serial Nos. 164,931–2; published Apr. 24, 1923.
Meyer, Peter, doing business as The Elvin Company, New York, N. Y. Toilet preparations—viz, compact face powder and compact rouge. 167,463; May 1; Serial No. 167,186; published Jan. 9, 1923.
Meyer, Raymond E., doing business as The Raymond E. Meyer Company, New York, N. Y. Soap. 169,034; May 29.
Meyer & Stüdeli Societe Anonyme, London, England, and Soleure, Switzerland. Watches, clocks, and parts thereof. 165,036; Feb. 27.
Meyer, Theodore, Philadelphia, Pa. Preparation for exterminating rodents. 169,600–1; June 26; Serial Nos. 171,739–40; published Mar. 20, 1923.
Meyer, Theodore, Philadelphia, Pa. Insecticide and disinfecting deodorant. 169,861; July 3; Serial No. 171,738; published Mar. 20, 1923.
Meyer, Theodore, Philadelphia, Pa. Insecticide. 169,894–5; July 3; Serial Nos. 171,736–7; published Mar. 20, 1923.
Meyer, Theodore, Philadelphia, Pa. Preparation for exterminating rodents and vermin. 169,896; July 3; Serial No. 171,735; published Mar. 20, 1923.
Meyer, Theodore, Philadelphia, Pa. Ant-poisoning compound. 169,897; July 3; Serial No. 171,734; published Mar. 30, 1923.
Meyer-Wise & Kaichen Company, The, Cincinnati, Ohio. Sweaters, sport coats, infants' caps and tams, etc. 175,765; Nov. 13; Serial No. 177,045; published Aug. 28, 1923.
Meyer's Company, The, Greensboro, N. C. Nainsook, sheets, diaper cloth, quilts, and long cloth. 166,916; Apr. 17; Serial No. 166,238; published Jan. 30, 1923.
Meyers, H., Co. Inc., New York, N. Y. Silk, cotton, and textiles in the piece and by the yard. 175,663; Nov. 6; Serial No. 182,254; published Aug. 21, 1923.
Meyers, Louis, & Son, New York, N. Y. Fabric gloves. 168,279; May 15.
Mez, Gustav, doing business as Mercedes Buro Maschinen- und Waffen-Werke, Benshausen, Post Mehlis, in Thuringia, Germany. Adding and calculating machines and parts thereof, etc. 174,724–5; Oct. 23; Serial No. 162,938–9; published July 31, 1923.
Miami Manufacturing Co., Miami, Fla. Casement-window adjusters. 170,190; July 10; Serial No. 173,520; published Apr. 3, 1923.
Miami Optical Co. (See Smith, Noel.)
Miami Paper Company, The, West Carrollton, Ohio. Bond and ledger paper for writing and printing purposes. 166,384; Apr. 3; Serial No. 169,644; published Nov. 7, 1922.
Miamisburg Paper Co., The, Miamisburg, Ohio. Writing paper and envelopes. 166,274; Mar. 27; Serial No. 169,981; published Dec. 26, 1922.
Mica Insulator Company, New York, N. Y. Treated and untreated tapes for electrical insulation purposes. 171,086; July 31; Serial No. 173,844; published Apr. 24, 1923.
Michael, John C., Company., Chicago, Ill. Wash dresses and aprons. 173,760; Oct. 2; Serial No. 177,313; published July 10, 1923.
Michael, Leon, & Co., New York, N. Y. Cotton-cloth piece goods. 177,570; Dec. 18; Serial No. 177,136; published Sept. 25, 1923.
Michel, August, Elberta, Ala. Healing salve for sore and calloused feet. 170,189; July 10; Serial No. 173,521; published Apr. 3, 1923.
Michelbach, Frank, Alexandria, Va. Rug racks. 177,460; Dec. 18; Serial No. 177,613; published Sept. 25, 1923.
Michele Ajetto Co., Inc., Brooklyn, N. Y. Canned olive oil, fruits, and vegetables. 177,202; Dec. 11; Serial No. 179,127; published Sept. 25, 1923.
Micheli, Pompilio, Brooklyn, N. Y. Soaps. 163,792; Jan. 30.
Michels, Peter J., New York, N. Y. Cutlery. 169,699; June 26.
Michelsen, Henry C., doing business as Crown Motors, Yonkers, N. Y. Internal-combustion engines and parts thereof. 164,988; Feb. 27.
Michigan Coin Lock Company, Indianapolis, Ind. Coin-controlled locks. 171,815; Aug. 14; Serial No. 178,350; published May 15, 1923.
Mickelberry's Food Products Co., Chicago, Ill. Sausage. 165,967; Mar. 27; Serial No. 158,325; published Dec. 12, 1922.
Microba Antiseptic Co., Grand Forks, N. Dak. Coconut-oil shampoo. 175,648; Nov. 6; Serial No. 180,613; published Aug. 21, 1923.
Mid-Continent Clay Company. (See Esperson, Niels.)
Midcontinent Producers' & Refiners' Corporation, Cleveland, Ohio. Canned motor oils. 176,389; Nov. 27; Serial No. 175,094; published Aug. 7, 1923.
Mid-Continent Tire Manufacturing Company, Wichita, Kans. Rubber tires and inner tubes. 170,600; July 17; Serial No. 118,089; published Apr. 24, 1923.
Middleby, Jos., Jr., Inc., Boston, Mass. Whipping powder for use in the manufacture of icings, etc. 177,224; Dec. 11; Serial No. 176,199; published Sept. 18, 1923.
Midland Creamery Co. (See Perkins, William.)
Midland Flour Milling Co., The, Kansas City, Mo. Wheat flour. 167,201; Apr. 24; Serial No. 162,639; published Dec. 12, 1922.
Midland Flour Milling Co., The, Kansas City, Mo. Wheat flour. 167,202; Apr. 24; Serial No. 162,654; published Dec. 12, 1922.
Midland Flour Milling Co., The, Kansas City, Mo. Bread. 167,413; May 1; Serial No. 168,480; published Jan. 16, 1923.
Midland Flour Milling Co., The, Kansas City, Mo. Mixed grade of mill feed. 170,814; July 24; Serial No. 169,369; published Feb. 27, 1923.
Midland Flour Milling Co., The, Kansas City, Mo. Gray shorts. 171,009; July 31; Serial No. 169,029; published Mar. 20, 1923.
Midland Flour Milling Co., The, Kansas City, Mo. Wheat flour. 172,436; Aug. 28; Serial No. 173,655; published May 8, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Midland Flour Milling Co., The, Kansas City, Mo. Bran. 172,589; Sept. 11; Serial No. 169,368; published May 15, 1923.
Midland Flour Milling Co., The, Kansas City, Mo. Wheat flour. 172,759; Sept. 11; Serial No. 175,095; published June 5, 1923.
Midland Grocery Company, The, Columbus, Ohio. Tea and coffee. 177,245; Dec. 11; Serial No. 181,346; published Aug. 21, 1923.
Midland Refining Company, The, Eldorado, Kans. Lubricating oils. 163,692; Jan. 23.
Midland Refining Company, The, Eldorado, Kans. Lubricating oils. 164,380; Feb. 20.
Midland Refining Company, The, Eldorado, Kans. Lubricating oils. 176,078; Nov. 13; Serial No. 182,216; published Sept. 4, 1923.
Mid-States Gummed Paper Co., Chicago, Ill. Gummed labels and paper. 164,186–7; Feb. 13.
Mid-States Gummed Paper Co., Chicago, Ill. Gummed paper tape, cloth tape, cloth sheets. 175,678; Nov. 6.
Midwest Auto Specialty Mfg. Co. (See Kafka, David A.)
Mid-West Box Company, Chicago, Ill. Plaster base and sheathing. 168,607; May 29; Serial No. 168,777; published Jan. 9, 1923.
Mid West Glass Company, The, Cincinnati, Ohio. Rear-view mirrors. 164,961; Feb. 27.
Mid West Glass Company, The, Cincinnati, Ohio. Fluid gauges. 176,924; Dec. 4.
Midwest Laboratory. (See Gober, Francis S.)
Mid-West Milling Company, The, Abilene, Kans. Wheat flour. 165,283; Mar. 6; Serial No. 153,734; published Nov. 7, 1922.
Mid West Paper & Envelope Co., Marion, Ind. Writing paper, correspondence envelopes, writing tablets, and papeteries. 168,634; May 29; Serial No. 168,326; published Mar. 6, 1923.
Mid West Paper & Envelope Co., Marion, Ind. Writing paper, correspondence envelopes, writing tablets, and papeteries. 175,991; Nov. 13; Serial No. 168,118; published Aug. 28, 1923.
Midwest Steel & Supply Company, Inc., New York, N. Y. Laths, which consist of a metal base to which clay is applied and then burned. 163,859; Jan. 30.
Mifflin Chemical Corp., Philadelphia, Pa. Molasses. 169,127; June 5.
Mifflin Chemical Corporation, Philadelphia, Pa. Antiseptic preparation. 163,129; Jan. 2.
Mifflin Chemical Corporation, Philadelphia, Pa. Antiseptic preparation. 163,239; Jan. 2.
Mifflin Chemical Corporation, Philadelphia, Pa. Preparation for external use upon the body for bathing, rubbing, etc. 163,240–1; Jan. 2.
Mifflin Chemical Corporation, Philadelphia, Pa. Preparation for bathing, rubbing, etc. 177,824; Dec. 25.
Migakis, Nicholas D., doing business as Megas Laboratory, Newark, N. J. Preparation for the relief of rheumatism, neuralgia, and sciatica. 164,686; Feb. 27.
Migel, J. A., Inc., New York, N. Y. Broad silks in the piece. 164,191; Feb. 13.
Migel, J. A., Inc., New York, N. Y. Women's skirts, petticoats, waists, suits, etc. 164,926; Feb. 27.
Migel, J. A., Inc., New York, N. Y. Ladies' and misses' silk shirt waists, suits, skirts, dresses, petticoats, etc. 165,910; Mar. 20.
Migel, J. A., Inc., North Bergen, N. J., and New York, N. Y. Silk and wool fabrics and mixtures thereof in the piece. 174,259; Oct. 9; Serial No. 177,505; published May 29, 1923.
Migel, J. A., Inc., North Bergen, N. J., and New York, N. Y. Dresses, skirts, wraps, blouses. 175,137; Oct. 30; Serial No. 180,485; published Aug. 14, 1923.
Migel, J. A., Inc., North Bergen, N. J., and New York, N. Y. Silk velvets in the piece. 177,630; Dec. 25; Serial No. 181,840; published Oct. 9, 1923.
Migel, S. L., & Company, New York, N. Y. Elastic ruffled ribbon for garters, hose supporterrs, and various other purposes. 164,022; Feb. 6.
Mihalovitch Co., The, Cincinnati, Ohio. Alcoholic preparation for rubbing and massage. 164,485; Feb. 20.
Mihalovitch Co., The, Cincinnati, Ohio. Rubbing and massage alcohol, skin cleanser, hair tonic, and after-shaving lotion. 174,475; Oct. 16; Serial No. 178,267; published July 17, 1923.
Milady Shoe Company, New York, N. Y. Shoes and slippers. 166,271; Mar. 27; Serial No. 168,979; published Jan. 2, 1923.
Mildman Cigar Co., Inc., The, Seattle, Wash. Cigars. 163,372; Jan. 9.
Mile-O-More Company, Spokane, Wash. Gasoline strainers for internal-combustion engines. 168,442; May 22; Serial No. 170,659; published Feb. 20, 1923.
Miles Manufacturing Company, Los Angeles, Calif. Compound of sugar, gelatin, and fruit acid, artifically colored and flavored. 168,675; May 29; Serial No. 146,180; published Oct. 4, 1921.
Milgram, Edward H., Gary, Ind. Boots, shoes, and overshoes of leather, rubber fabrics, and combinations of same. 163,971; Feb. 6.
Milgram, Morris M., doing business as "Big Four" Chemical Products Co., Indiana Harbor, Ind. Shampoo. 174,314; Oct. 9.
Military Order of The Cootie, New York and Brooklyn, N. Y. Hats, caps, tassels, and aprons. 174,754; Oct. 23; Serial No. 166,315; published July 24, 1923.
Military Order of the Cootie, New York, and Brooklyn, N. Y. Cuts, emblems, and collar devices. 175,752; Nov. 13; Serial No. 166,316; published Sept. 4, 1923.
Military Sales Company, Philadelphia, Pa. Camp furniture. 164,043; Feb. 6.
Milius, E., & Co., New York, N. Y. Cotton piece goods. 175,132; Oct. 30; Serial No. 180,545; published Aug. 7, 1923.
Milius, Hesse & Levy, New York, N. Y. Cotton piece goods. 175,448; Nov. 6; Serial No. 183,117; published Aug. 23, 1923.
Milk & Kass, New York, N. Y. Men's shirts. 175,361; Nov. 6; Serial No. 177,449; published Aug. 14, 1923.
Milk Producers Association of Central California, Modesto, Calif. Butter. 172,595; Sept. 11; Serial No. 172,281; published June 5, 1923.
Millar, Geo. W., & Co., Inc., New York, N. Y. Wrapping paper. 169,823; July 3; Serial No. 174,319; published Mar. 27, 1923.
Millards, Philadelphia, Pa. Ladies' ready-to-wear apparel. 172,195; Aug. 21.
Milldale Textile Corporation, New York, N. Y. Cotton piece goods. 174,155; Oct. 9; Serial No. 181,032; published July 17, 1923.
Milleman, William H., doing business as American Soap Company, Oakland, Calif. Insecticide spray and a general antiseptic and healing preparation. 164,327; Feb. 20.
Miller, Alton L., doing business as The Charles N. Miller Co., Boston, Mass. Candies. 163,373; Jan. 9.
Miller, Alton L., doing business as Charles N. Miller Co., Boston, Mass. Candy. 174,626; Oct. 23; Serial No. 179,479; published July 31, 1923.
Miller, Arnold W., doing business as Golf Progress Company, Columbus, Ohio. Golf-stroke practice and exercising device. 171,163; July 31; Serial No. 176,637; published Apr. 24, 1923.
Miller Auto Accessories Co., The, Cleveland, Ohio. Automobile tops, windshields, fenders, etc. 167,958; May 8.
Miller Brothers, New York, N. Y. Ladies' dresses, bath robes, aprons, negligees. 176,495; Nov. 27; Serial No. 166,841; published Sept. 18, 1923.
Miller Brothers Company, Chattanooga, Tenn. Hosiery. 174,280; Oct. 9; Serial No. 179,158; published July 10, 1923.
Miller, C. R., Mfg. Co., Fort Worth, Tex. Dress shirts. 176,146; Nov. 20; Serial No. 172,115; published Aug. 28, 1923.
Miller-Caldan Company, Minneapolis, Minn. Chocolate-coated doughnut. 172,439; Aug. 28; Serial No. 171,228; published May 1, 1923.
Miller, Charles N., Co., The. (See Miller, Alton L.)
Miller-Cummings Company, Inc., New York, N. Y. Fresh cantaloupes. 173,384; Sept. 25; Serial No. 173,436; published July 3, 1923.
Miller-Cummings Company, Inc., New York, N. Y. Fresh cantaloupes, melons, grapes, etc. 173,385; Sept. 25; Serial No. 173,435; published July 3, 1923.
Miller, Elmer F., San Francisco, Calif. Paint remover. 174,247; Oct. 9; Serial No. 166,747; published July 10, 1923.
Miller, Francis H., doing business as Hagerstown Table Works, Hagerstown, Md. Household and office furniture. 173,865; Oct. 2; Serial No. 175,203; published May 29, 1923.
Miller, G. L., & Company, Inc., Wilmington, Del., and New York, N. Y. Bonds, certificates, booklets, stories. 174,826; Oct. 23; Serial No. 175,367; published July 31, 1923.
Miller, George M., Brooklyn, N. Y. Liquid, cream, and pomade hair dressings. 174,358; Oct. 16; Serial No. 176,905; published July 17, 1923.
Miller, Henry K., doing business as Psychology Publishing Company, New York, N. Y. Periodicals published monthly. 176,526; Nov. 27; Serial No. 182,600; published Sept. 11, 1923.
Miller, Henry K., doing business as Psychology Publishing Company, New York, N. Y. Periodicals published either bimonthly or quarterly. 176,714; Nov. 27; Serial No. 183,220; published Sept. 11, 1923.
Miller, Howard A., doing business as The Homo Phone Co., Newark, N. J. Sound-record tablets and recording attachments for phonographs. 173,005; Sept. 11; Serial No. 177,797; published June 5, 1923.
Miller Ice Cream Company, Oakland, Calif. Ice cream. 177,587; Dec. 18.
Miller, Jerome L., doing business as J. L. Miller Knitting Mill, Hazleton, Pa. Ladies' cotton knit underwear. 173,942; Oct. 2; Serial No. 179,946; published July 17, 1923.
Miller, John, Cap Co. Inc., Buffalo, N. Y. Men's and boys' cloth caps and hats. 166,645; Apr. 10; Serial No. 165,592; published Dec. 19, 1922.
Miller Laboratories, Inc., Washington, D. C. Shaving cream. 165,551; Mar. 13; Serial No. 151,370; published Nov. 14, 1922.
Miller Lock Company, Philadelphia, Pa. Locks. 167,970; May 8.

Alphabetical list of registrants of trade-marks—Continued.

Miller Lock Company, Philadelphia, Pa. Frying pans. 175,546; Nov. 6; Serial No. 179,877; published Aug. 21, 1923.

Miller Manufacturing Co., The. (See Miller, William C.)

Miller-McConnel Grain Co., Kansas City, Kans. Stock and poultry feed. 170,870; July 24; Serial No. 166,465; published Mar. 20, 1923.

Miller-McMillen Co., Watertown, S. Dak. Candy bar. 171,181; July 31; Serial No. 172,235; published May 8, 1923.

Miller & Meissner, Cuero, Tex. Antiseptic mouth washes. 169,656; June 26; Serial No. 167,578; published Mar. 6, 1923.

Miller, Milton P., Fort Worth, Tex. Article of food composed of dough and sausage cooked in patties. 168,633; May 29; Serial No. 168,161; published May 6, 1923.

Miller & Paine, Inc., Lincoln, Nebr. Candies and candied fruits. 173,890; Oct. 2; Serial No. 176,750; published July 3, 1923.

Miller Petroleum Company, Kansas City, Mo. Kerosene. 170,053; July 10; Serial No. 175,673; published Apr. 10, 1923.

Miller Petroleum Company, Kansas City, Mo. Naphtha. 170,181; July 10; Serial No. 176,200; published Apr. 10, 1923.

Miller Rubber Company, The, Akron, Ohio. Solid and pneumatic rubber and fabric tires. 170,629; July 17; Serial No. 174,791; published Apr. 24, 1923.

Miller Rubber Company, The, Akron, Ohio. Tires. 175,838; Nov. 13; Serial No. 181,762; published Sept. 4, 1923.

Miller, Samuel, doing business as Samuel Miller & Company, New York, N. Y. Hats for men and boys. 168,280; May 15.

Miller & Van Winkle, Inc., Brooklyn, N. Y. Springs for general use. 174,758; Oct. 23; Serial No. 165,501; published July 31, 1923.

Miller, W. H., doing business as Well-O Company, Columbus, Ohio. Laxative. 164,328; Feb. 20.

Miller, William, Muncie, Ind. Cough sirup. 175,623; Nov. 6; Serial No. 180,768; published Aug. 14, 1923.

Miller, William C., doing business as The Miller Manufacturing Co., Lincoln, Nebr. Cleaning and polishing preparation for painted, varnished, and lacquered surfaces. 166,009; Mar. 27; Serial No. 162,500; published Nov. 28, 1922.

Miller's Book Store, Inc., Atlanta, Ga. Fountain pens. 174,287; Oct. 9; Serial No. 179,377; published July 3, 1923.

Millers Brothers Company, The, doing business as The American Products Company, Cincinnati, Ohio. Face powder, rouge, sachet powder, talcum powder, etc. 177,472; Dec. 18; Serial No. 175,316; published Sept. 25, 1923.

Miller's, Jacob, Sons Co., Philadelphia, Pa. Cotton, silk, and linen goods and mixtures of same, all in the piece. 165,450; Mar. 13; Serial No. 171,429; published Jan. 2, 1923.

Miller's Jacob, Sons Co., Philadelphia, Pa. Knitted and textile-fabric undergarments. 173,821; Oct. 2; Serial No. 172,004; published July 3, 1923.

Miller's, Jacob, Sons Co., Philadelphia, Pa. Cotton, silk, linen, etc., goods in the piece. 174,195; Oct. 9; Serial No. 181,036; published July 17, 1923.

Miller's, Jacob, Sons Co., Philadelphia, Pa. Cotton, silk, linen, etc., goods in the piece. 174,196–7; Oct. 9; Serial Nos. 181,033–4; published July 17, 1923.

Miller's, Jacob, Sons, Co., Philadelphia, Pa. Cotton, silk, linen, etc., piece goods. 175,161; Oct. 30; Serial No. 181,035; published Aug. 14, 1923.

Miller's, Jacob, Sons Co., Philadelphia, Pa. Shirts. 176,478; Nov. 27; Serial No. 181,039; published Sept. 11, 1923.

Millersburg Reamer & Tool Co., Millersburg, Pa. Expansion reamers. 177,825; Dec. 25.

Milliken, John T., & Company, doing business as Regent Laboratories, St. Louis, Mo. Medicinal oil used as a laxative, analgesic balm, castor oil, etc. 172,672; Sept. 11; Serial No. 174,093; published May 29, 1923.

Million Brothers, Lake Cicott, Ind. Asphalt sand. 164,783; Feb. 27.

Millis, Henry L., assignor to Clicquot Club Company, Millis, Mass. Ginger ale. 19,634; renewed June 2, 1921.

Mills Brothers Company, The, Cincinnati, Ohio. Prepared cake flour. 163,974; Feb. 6.

Mills Brothers Company, The, doing business as The American Products Company, Cincinnati, Ohio. Baby bibs, infants' pants, etc. 168,333; May 22; Serial No. 161,935; published Feb. 20, 1923.

Mills Brothers Company, The, doing business as American Products Company, Cincinnati, Ohio. Salad-dressing powder and cake-icing powder. 169,213; June 12; Serial No. 140,737; published Mar. 20, 1923.

Mills Brothers Company, The, doing business as The American Products Company, Cincinnati, Ohio. Cake icing, pie filling, shredded coconut, etc. 177,112; Dec. 11; Serial No. 174,716; published Sept. 11, 1923.

Mills Brothers Company, The, doing business as The American Products Company, Cincinnati, Ohio. Perfume, toilet water, talcum powder, cold cream, etc. 177,473; Dec. 18; Serial No. 175,318; published Sept. 25, 1923.

Mills, James G., doing business as Saltersod Company, Electra, Tex. Preparation for treatment of influenza. 176,294; Nov. 20; Serial No. 180,339; published Aug. 14, 1923.

Mills Novelty Company, Chicago, Ill. Flavored sugar tablets. 173,379; Sept. 25; Serial No. 175,260; published July 3, 1923.

Milne, William M., San Francisco, Calif. Rattan products. 167,616; May 1; Serial No. 146,325; published Dec. 19, 1922.

Milnor, Oscar J., Rutherford, N. J. Ladies' vanity bags. 171,387; Aug. 7; Serial No. 138,292; published May 15, 1923.

Milo Silk Hosiery Mills, Newark, N. J. Hosiery. 172,216; Aug. 28; Serial No. 173,973; published May 29, 1923.

Milow, R. C., Shoe Co. Inc., Rochester, N. Y. Men's, women's, and children's shoes of leather. 172,100; Aug. 21; Serial No 173,713; published May 22, 1923.

Miltenberg, E., Inc., New York, N. Y. Paprika and spices. 170,158; July 10; Serial No. 169,407; published Apr. 3, 1923.

Miltex Cloak & Suit Co., New York, N. Y. Women's cloaks, suits, and coats. 175,123; Oct. 30; Serial No. 176,030; published July 17, 1923.

Milton Dairy Company, St. Paul, Minn. Butter. 167,028; Apr. 24; Serial No. 161,691; published Jan. 30, 1923.

Milton Manufacturing Company, The, Milton, Pa. Bolts, rivets, and spikes. 173,705; Oct. 2; Serial No. 177,190; published June 12, 1923.

Milwaukee Air Power Pump Company, Milwaukee, Wis. Pneumatic water pumping and supply systems and apparatus therefor. 174,295–6; Oct. 9.

Milwaukee Bag Co., Milwaukee, Wis. Cloth mailing bags. 170,300; July 10; Serial No. 176,638; published Apr. 10, 1923.

Milwaukee Boston Store. (See Herzfeld-Phillipson Company.)

Milwaukee Knitting Mills. (See Mirsky, I. M., & Son.)

Milwaukee Malting & Grain Co., Milwaukee, Wis. Concentrated malt sirup and extract. 173,155; Sept. 18; Serial No. 147,303; published June 19, 1923.

Milwaukee Paint & Varnish Works, Milwaukee, Wis. Varnish. 170,944; July 24; Serial No. 168,328; published Apr. 24, 1923.

Milwaukee Rolling Mill Company, Greenfield, Wis. Sheet steel. 164,743; Feb. 27.

Milwaukee Screw Products Co., Milwaukee, Wis. Piston pins. 163,826; Jan. 30.

Milwaukee Screw Products Co., Milwaukee, Wis. Piston pins. 166,844; Apr. 17; Serial No. 168,778; published Jan. 23, 1923.

Mimosa Aktiengesellschaft, Dresden, Germany. Light-sensitized photographic papers. 166,018; Mar. 27; Serial No. 163,229; published Dec. 5, 1922.

Minassian, David Der H., New York, N. Y. Cigarettes. 164,272; Feb. 13.

Mincey Manufacturing Company, Gainesville, Ga. Dress and work shirts, underwear. 176,482; Nov. 27; Serial No. 180,982; published Sept. 18, 1923.

Minck, George, New York, N. Y. Sheet-metal bill signs, advertising boards, and painted board signs. 170,100; July 10; Serial No. 169,136; published Apr. 10, 1923.

Mindlin, Benjamin, Jamaica, N. Y. Publication issued monthly. 177,351; Dec. 18; Serial No. 180,614; published Oct. 2, 1923.

Miner, William H., Chicago, Ill. Shock-absorbing mechanisms, draft riggings, and buffers of railway cars, hand brakes for railway cars, etc. 166,283; Mar. 27.

Mineral Soap Manufacturing Company, Lowell, Mass. Soaps, wool-scouring powder, etc. 168,914; May 29; Serial No. 155,764; published Mar. 6, 1923.

Mineral-Tone Company, Calhoun, Ga. Natural medicated mineral. 168,837; May 29; Serial No. 170,660; published Feb. 13, 1923.

Minneapolis Brewing Company, doing business as Kunz Preparations Co., Minneapolis, Minn. Bay rum, witch-hazel, alcohol body rub, lilac face lotion, etc. 167,864; May 8; Serial No. 169,315; published Feb. 20, 1923.

Minneapolis Milling Co., Minneapolis, Minn. Wheat flour. 176,735; Nov. 27; Serial No. 173,974; published Aug. 7, 1923.

Minneapolis Milling Co., Minneapolis, Minn. Wheat flour. 177,220; Dec. 11; Serial No. 175,939; published Sept. 18, 1923.

Minnesota Mining & Mfg. Company, St. Paul, Minn. Abrasive paper. 167,713; May 8; Serial No. 154,278; published Feb. 13, 1923.

Minnesota Red River Valley Co-Operative Certified Seed Growers Association, Crookston, Minn. Wheat, alfalfa, and any other seed, and seed potatoes. 166,758; Apr. 10.

Minnesota Stove Company, The, Minneapolis, Minn. Wood, coal, gas, oil, and vapor stoves, ranges, and furnaces. 170,265; July 10; Serial No. 106,453; published July 4, 1922.

Minot, Hooper & Co., New York, N. Y. Cotton piece goods. 169,455; June 19; Serial No. 175,204; published Mar. 20, 1923.
Minot, Hooper & Co., New York, N. Y. Cotton drilling in the piece. 174,801; Oct. 23; Serial No. 180,714; published July 31, 1923.
Minster, Joseph D., Los Angeles, Calif. Monthly magazine. 165,265; Mar. 6; Serial No. 166,529; published Nov. 14, 1922.
Mint Products Co. (See Post, Leo L., assignor.)
Mint Products Co., Incorporated, Port Chester, N. Y. Cigars, cigarettes, smoking and chewing tobacco. 165,969; Mar. 27; Serial No. 159,520; published June 6, 1922.
Minter Bros. Candy Co., Minneapolis, Minn. Candy usually in bar form coated with chocolate. 165,990; Mar. 27; Serial No. 165,878; published Jan. 2, 1923.
Mintz & Friedman, New York, N. Y. Men's and young men's suits and topcoats. 171,259; July 31; Serial No. 169,455; published May 1, 1923.
Minute Kleen Laboratories. (See Hodapp, Clarence G.)
Minute Tapioca Company, Orange, Mass. Prepared tapioca and tapioca puddings. 163,601; Jan. 23.
Minute Tapioca Company, Orange, Mass. Prepared tapioca. 165,282; Mar. 6; Serial No. 153,768; published Nov. 7, 1922.
Mirabeau, Marcel M., doing business as Lissauer & Company, New York, N. Y. Watchcases. 173,011; Sept. 11; Serial No. 178,765; published June 5, 1923.
Mirabeau, Marcel M., doing business as Lissauer & Company, New York, N. Y. Jewelry. 174,697; Oct. 23; Serial No. 175,507; published July 10, 1923.
Mirose Laboratories. (See Selkowitz, Isidor J.)
Mirrolike Mfg. Co., Long Island City, N. Y. Transmission grease, gear grease, lubricating oils and greases. 163,754; Jan. 23.
Mirrolike Mfg. Co., Long Island City, N. Y. Ready-mixed paints, varnishes, ready-mixed enamels for wood and metal stains, etc. 164,326; Feb. 20.
Mirsky, I. M., & Son, doing business as Milwaukee Knitting Mills, Milwaukee, Wis. Knitted and textile hosiery and underwear. 172,604; Sept. 11; Serial No. 170,591; published June 5, 1923.
Misewicz, John, Charleroi, Pa. Foot powder. 177,050; Dec. 11; Serial No. 180,443; published Sept. 18, 1923.
Mission Bead Company, Los Angeles, Calif. Silver-cleaning plates. 165.057; Mar. 6; Serial No. 166,530; published Dec. 5, 1922.
Mission Bead Company, Los Angeles, Calif. Cleaner and spot remover. 165,892; Mar. 20.
Mission Orange Punch Company, Los Angeles, Calif. Nonalcoholic, maltless orange punch sold as a soft drink. 163,374; Jan. 9.
Missouri Egg & Poultry Company, Sedalia, Mo. Eggs, butter. 175,716–17; Nov. 6.
Mitchell, C. Piquette, doing business as The Piquette Mitchell Company, Detroit, Mich. Shoe racks. 165,520; Mar. 13; Serial No. 163,996; published Oct. 24, 1922.
Mitchell, Fredrick G., doing business as L. Mitchell & Company, Chicago, Ill. Hair net. 166,950; Apr. 17; Serial No. 171,855; published Jan. 23, 1923.
Mitchell, Fredrick G., doing business as L. Mitchell & Company, Chicago, Ill. Bluing paddles. 170,756; July 24; Serial No. 173,334; published Apr. 24, 1923.
Mitchell, Harry, Chicago, Ill. Cloth commonly known as serge and usually sold by the piece. 172,846; Sept. 11; Serial No. 176,492; published June 5, 1923.
Mitchell, L., & Company. (See Mitchell, Fredrick G.)
Mitchell, P. R., Co., The, New York, N. Y. Ticking. 177,325; Dec. 18; Serial No. 178,931; published Sept. 25, 1923.
Mitchell-Rand Manufacturing Co., New York, N. Y. Quick-drying, waterproof and acid and alkali resisting paint. 164,323; Feb. 20.
Mitchell, Robert G., doing business as The Agripa Company, New York, N. Y. Portable metallic holders for beverage containers. 170,464; July 17; Serial No. 161,733; published Apr. 17, 1923.
Mitchell, T. J., & Co. Inc., New York, N. Y. Silk, silk and cotton, silk and wool, etc., in the piece. 164,964; Feb. 27.
Mitchely, William E., Williamsport, Pa. Medicine used in the treatment of cancer. 169,785; July 3; Serial No. 154,229; published Mar. 27, 1923.
Mit-Shel Stamping Mfg. Co., Quincy, Ill. Poultry and hog equipment. 163,130; Jan. 2.
Mitsui Bussan Kaisha, Ltd., Tokyo, Japan. Matches. 171,374–5; Aug. 7; Serial Nos. 156,100–1; published May 8, 1923.
Mitsui Bussan Kaisha, Ltd., Tokyo, Japan. Matches. 171,376; Aug. 7; Serial No. 156,095; published May 15, 1923.
Mitten Traylor, Inc., Philadelphia, Pa. Self-propelled vehicles, motor coaches, and busses. 175,153; Oct. 30; Serial No. 180,818; published Aug. 14, 1923.
Mizell, Murrey & Co., Nashville, Tenn. Canned fruits, vegetables, salted peanuts, and rolled oats. 167,272; Apr. 24; Serial No. 152,033; published Dec. 19, 1922.
Mme. Irène, New York, N. Y. Corsets. 173,838; Oct. 2; Serial No. 169,361; published Apr. 24, 1923.
Moback Tool & Machine Manufacturing Corporation, Boston, Mass. Reamers. 166,033; Mar. 27; Serial No. 167,311; published Dec. 5, 1922.
Mochar Leather Goods Corporation, New York, N. Y. Portfolios. 168,507; May 22.
Mock's Advance Honey-moon Fruit Syrup Co., Advance, N. C. Nonalcoholic, maltless fruit sirup for soft drinks. 164,910; Feb. 27.
Model Barber Supply Co., Peoria, Ill. Massage and face creams, shampoos, toilet waters, talcum powders. 167,439; May 1; Serial No. 161,400; published Jan. 30, 1923.
Model Brassiere Co., Inc., New York, N. Y. Brassières and garter brassières. 176,204; Nov. 20; Serial No. 179,280; published Aug. 14, 1923.
Model Form Company, Chicago, Ill. Dress forms. 175,246; Oct. 30.
Model Mill Company, Jackson, Tenn. Wheat flour. 176,748; Nov. 27; Serial No. 175,802; published Aug. 7, 1923.
Model Mill Company, Jackson, Tenn. Self-rising wheat flour. 176,846; Dec. 4; Serial No. 175,803; published Aug. 21, 1923.
Modern Confectioner Publishing Company, Chicago, Ill. Monthly publication. 177,355; Dec. 18; Serial No. 181,957; published Sept. 25, 1923.
Modern Devices, Inc., Rockford, Ill. Indoor golf games. 169,191; June 12; Serial No. 175,097; published Mar. 27, 1923.
Modern Exterminating Co. (See Schoen, Seymour S.)
Modern Flour Mills, Macon, Ga. Stock feed, more specifically wheat feed. 167,022; Apr. 24; Serial No. 162,128; published Dec. 12, 1922.
Modern Flour Mills, Macon, Ga. Wheat flour. 170,935; July 24; Serial No. 169,601; published Feb. 27, 1923.
Modern Miller Company, The, Chicago, Ill. Trade publication. 163,781; Jan. 30.
Modern Pharmacal Co. Inc., New York, N. Y. Alkaline antiseptic for prevention and treatment of pyorrhea and mouth health. 164,723; Feb. 27.
Modern Pharmacal Co. Inc., New York, N. Y. Antiseptic douche powder for cleansing mucous membranes and for vaginal douche. 164,724; Feb. 27.
Modern Pharmacal Co. Inc., New York, N. Y. Combination of several bromides palatably combined indicated in neurasthenia, insomnia, and general nervous conditions. 164,725; Feb. 27.
Modern Pharmacal Co. Inc., New York, N. Y. Sirup compound for coughs, colds, and bronchial affections. 164,726; Feb. 27.
Modern Pharmacal Co., Inc., New York, N. Y. Tonics for aiding digestion, improving the appetite, purifying the blood, etc. 168,106; May 15; Serial No. 164,819; published Feb. 13, 1923.
Modern Pharmacal Co., Inc., New York, N. Y. Woman's tonic in the treatment of the weaknesses and disorders of the generative organs. 170,452; July 17; Serial No. 172,282; published Apr. 10, 1923.
Modern Pharmacal Co., Inc., New York, N. Y. Blood maker and general tonic. 170,453; July 17; Serial No. 172,283; published Apr. 10, 1923.
Modern Pressing Appliances. (See Goldman, William.)
Modern Publishing Company, New York, N. Y. Radio manual. 163,784; Jan. 30.
Modine Manufacturing Company, Racine, Wis. Sheet-metal articles—namely, radiators used in connection with internal-combustion motors. 165,113; Mar. 6; Serial No. 126,738; published Dec. 5, 1922.
Modishform Brassière, Inc., New York, N. Y. Brassières and corsets. 168,281; May 15.
Modishform Brassiere Co. Inc., The, New York, N. Y. Brassières. 177,006; Dec. 11; Serial No. 180,291; published Sept. 11, 1923.
Modra, William, doing business as Laclede Brass Works, St. Louis, Mo. Sun visors. 174,965; Oct. 30; Serial No. 167,645; published Aug. 7, 1923.
Moeller, Annetta T., doing business as The Manicurex Co., Indianapolis, Ind. Chemically-treated cord for cleaning and bleaching finger nails. 164,524; Feb. 20.
Moeller, H. A., Co., Attleboro, Mass. Lockets, pendants, watch charms, and vanity cases. 165,217; Mar. 6; Serial No. 166,084; published Nov. 14, 1922.
Mogul Electric Company, Seattle, Wash. Batteries. 174,770; Oct. 23; Serial No. 171,135; published July 31, 1923.
Mohawk Motors Co. (See Hollister, George S.)
Mohawk Shirt Co., New York, N. Y. Boys' and men's work shirts. 169,533; June 19; Serial No. 166,893; published Feb. 20, 1923.
Mojonnier, Frederick E., doing business as Walla Walla Hothouse Vegetable Co., Walla Walla, Wash. Fresh vegetables. 168,105; May 15; Serial No. 164,935; published Feb. 20, 1923.
Mojo-Schey Co., Inc., New York, N. Y. Hosiery. 163,602; Jan. 23.
Mo-Ka Company. (See Hussey, John M.)
Molatch, Allan O., New York, N. Y. Ointment for the cure and alleviation of piles, prolapse, fissure, etc. 172,723; Sept. 11; Serial No. 174,745; published May 22, 1923.
Moline Plow Company, Inc. (See Moline Plow Company, assignor.)
Moline Plow Company, now by change of name Illinois American Plow Company, Moline, Ill., assignor to Moline Plow Company, Incorporated. Farm scales. 163,664; Jan. 23.

Alphabetical list of registrants of trade-marks—Continued.

Moline Plow Company (now by change of name Illinois American Plow Company), Moline, Ill., assignor to Moline Plow Company, Incorporated. Agricultural machinery and particular parts thereof. 166,069; Mar. 27; Serial No. 160,199; published Dec. 5, 1922.

Moline Plow Company, Incorporated, Moline, Ill. Devices for carrying agricultural tools and connecting them to tractors or other sources of draft power. 171,596; Aug. 7; Serial No. 176,202; published May 1, 1923.

Molinelli, Charles, doing business as Italian Macaroni Production Co., Rockaway Beach, N. Y. Pot roast, spaghetti, potted beef, tripe stew, etc. 173,783 Oct. 2; Serial No. 176,354; published July 3, 1923.

Molinelli Italian Dinners, Inc., Brooklyn, N. Y. Spaghetti sauce and dressing. 168,999; May 29.

Molloy, David J., Company, The, Chicago, Ill. Book and catalogue covers and decorative effects. 176,033; Nov. 13; Serial No. 179,378; published Aug. 28, 1923.

Momsen-Dunnegan-Ryan Co., El Paso, Tex. Axes. 169,243; June 12; Serial No. 170,074; published Mar. 20, 1923.

Monadnock Beverage Company, Troy, N. Y. Nonalcoholic, maltless soft drinks. 177,492; Dec. 18; Serial No. 183,118; published Oct. 2, 1923.

Monarch Corporation, The, Pittsburgh, Pa. Dehydrators and parts of dehydrators. 174,895; Oct. 23; Serial No. 178,268; published July 24, 1923.

Monarch Leather Company, Chicago, Ill. Leather. 168,317; May 22; Serial No. 168,222; published Dec. 19, 1922.

Monarch Leather Company, Chicago, Ill. Leather. 171,965; Aug. 14.

Monarch Packing & Supply Co. (See Humberstone, C. C.)

Monarch Specialty Manufacturing Co., New York, N. Y. Powder puffs. 177,439; Dec. 18; Serial No. 182,255; published Oct. 2, 1923.

Monarch Telephone Manufacturing Company, Fort Dodge, Iowa. Electromagnetic telephone apparatus. 166,464; Apr. 3; Serial No. 168,933; published Dec. 26, 1922.

Monitor Sad Iron Company, The, sometimes trading under the name Royal Self-Heating Iron Co., Big Prairie, Ohio. Sadirons heated from the interior by the combustion of gasoline or other liquid fuel. 165,332; Mar. 6; Serial No. 156,701; published Nov. 7, 1922.

Monroe Cider Vinegar & Fruit Co., Rochester, N. Y. Fermented cider vinegar. 168,873; May 29; Serial No. 170,149; published Mar. 13, 1923.

Monroe Drug Co., Quincy, Ill. Dyes. 163,131; Jan. 2.

Monroe, John W., Lima, Ohio. Wood rolling partitions in buildings, for doors, wardrobes, etc. 170,574; July 17; Serial No. 166,705; published Apr. 17, 1923.

Monroe, Lederer and Taussig, Philadelphia, Pa. Dry and ready-mixed paints, paint enamels, stains, and varnishes. 167,929; May 8; Serial No. 171,336; published Feb. 13, 1923.

Monroe, Lederer & Taussig, Philadelphia, Pa. Dry and ready-mixed paints, paint enamels, stains, and varnishes. 167,932–3; May 8; Serial Nos. 171,811–12; published Feb. 13, 1923.

Monroe, Lederer & Taussig, Philadelphia, Pa. Paints, paint enamels, stains, varnishes. 171,604; Aug. 7; Serial No. 174,256; published May 8, 1923.

Montag Bros. Inc., Atlanta, Ga. Writing paper and envelopes. 163,442; Jan. 9.

Montague & Co., Inc., New York, N. Y. Cretonnes in the piece, valances, and curtains. 171,394; Aug. 7; Serial No. 177,015; published May 1, 1923.

Montague, W. R., Company, The, La Crosse, Wis. Candy. 166,772–7; Apr. 10.

Montague, W. R., Company, The, La Crosse, Wis. Candy. 168,285; May 15.

Montague, W. R., Company, The, La Crosse, Wis. Cracker products, crackers, cakes, and Dutch-style cookies. 170,797; July 24; Serial No. 170,076; published Apr. 3, 1923.

Montague, W. R., Company, The, La Crosse, Wis. Cracker products and Dutch-style cookies. 172,438; Aug. 28; Serial No. 171,098; published May 1, 1923.

Montague, W. R., Company, The, La Crosse, Wis. Candy. 176,688; Nov. 27; Serial No. 167,580; published July 31, 1923.

Montcalm, Theodore, Holyoke, Mass. Liniment. 168,393; May 22; Serial No. 171,813; published Feb. 20, 1923.

Monte Vista Flour Mills, The. (See Colorado Milling & Elevator Co.)

Montevallo Mining Company, Birmingham, Ala. Coal. 176,845; Dec. 4; Serial No. 182,355; published Sept. 18, 1923.

Montevallo-Straven Coal Co., Straven, Ala. Coal. 167,963; May 8.

Montgomery, Ada, Kansas City, Mo. Preparation for the growth of the hair. 177,191; Dec. 11; Serial No. 178,055; published Sept. 18, 1923.

Montgomery, Adda S., Chippawa, Ontario, Canada. Abdominal and kidney belts. 164,282; Feb. 20.

Montgomery, John B., doing business as Hairette Remedy Company, Los Angeles, Calif. Liquid hair tonic. 163,375; Jan. 9.

Montgomery Ward & Co., Chicago, Ill. Prepared roofings, roofing and building papers, etc. 176,009; Nov. 13; Serial No. 183,079; published Sept. 4, 1923.

Montgomery, Wm., & Co., Philadelphia, Pa. Sarsaparilla, ginger ale, cream soda, etc. 174,892; Oct. 23; Serial No. 179,811; published July 24, 1923.

Montpelier Manufacturing Company, Montpelier, Ind. Cup packings formed of vulcanized fabric. 169,139; June 12; Serial No. 155,510; published Feb. 27, 1923.

Montrose Glove Inc., The, Brooklyn, N. Y. Leather and fabric gloves, hosiery, and underwear. 168,274; May 15; Serial No. 168,584; published Feb. 6, 1923.

Monumental Shoe Mfg. Co. Inc., Baltimore, Md. Leather shoes. 166,548; Apr. 10; Serial No. 133,743; published Feb. 15, 1921.

Monville, Frank O., Hubbell, Mich. Medicinal preparation for the treatment of colds, hoarseness, lung trouble, etc. 164,442; Feb. 20.

Moody, R. M., London, England. Dress, negligee, and work shirts, and collars and cuffs. 166,785; Apr. 17; Serial No. 160,423; published Jan. 9, 1923.

Moomaw, Paul W., Okemah, Okla. Liver pills. 174,524; Oct. 16; Serial No. 177,097; published July 24, 1923.

Moon Laboratories. (See O'Connor, Edward J.)

Mooney, Douglas & Pearson, Inc., New York, N. Y. Asphalt roofing, slate surfaced and talc surfaced. 172,773; Sept. 11; Serial No. 172,486; published June 5, 1923.

Moore, Benjamin, & Co., Jersey City, N. J., and Brooklyn, N. Y. Varnish. 174,227; Oct. 9; Serial No. 180,769; published July 10, 1923.

Moore, Benjamin, & Co., Jersey City, N. J., and Brooklyn, N. Y. Ready-mixed paints. 176,047; Nov. 13; Serial No. 180,803; published Sept. 4, 1923.

Moore Brothers, Chicago, Ill. Portable self-propelled cranes or derricks. 175,333; Nov. 6; Serial No. 180,077; published Aug. 14, 1923.

Moore & Co. Inc., Worcester, Mass. Antacid neutralizing powder. 175,112; Oct. 30; Serial No. 176,906; published Aug. 7, 1923.

Moore & Fisher, New York, N. Y. Hosiery. 163,814–6; Jan. 30.

Moore-Fuller Oil Co., Creston, Iowa. Crude oils, fuel oils, gasoline, kerosene, floor oils, etc. 166,487; Apr. 3; Serial No. 170,778; published Jan. 9, 1923.

Moore, Herman H., Timmins, Ontario, Canada, and Detroit, Mich. Metal receptacles for holding compressed air. 165,784; Mar. 20; Serial No. 164,651; published Jan. 2, 1923.

Moore, John D., Tobacco Company. (See Walker, John D., assignor.)

Moore, John W., doing business as Felt Paper Company, Rowlandsville, Md. Asphalt roofing sold in rolls. 167,546–7; May 1; Serial Nos. 170,397–8; published Jan. 9, 1923.

Moore & Kellar, Azusa, Calif. Rub varnish. 166,349; Apr. 3; Serial No. 152,857; published Jan. 9, 1923.

Moore, Quintin, Omaha, Nebr. Fresh citrus fruits. 164,968–9; Feb. 27.

Moore-Shafer Shoe Mfg. Co., Brockport, N. Y. Arch supporters. 163,132; Jan. 2.

Moore Steam Turbine Corporation, Wellsville, N. Y. Steam turbines, reduction gears, etc. 177,831; Dec. 25.

Mooresville Co-Operative Creamery Co., Inc., The, Mooresville, N. C. Butter. 170,897; July 24; Serial No. 171,280; published Mar. 13, 1923.

Moorhead Knitting Company, Harrisburg, Pa. Hosiery. 173,033; Sept. 11; Serial No. 174,404; published June 5, 1923.

Moorman Manufacturing Company, Quincy, Ill. Tonics for animals. 176,157; Nov. 20; Serial No. 169,316; published Aug. 28, 1923.

Moraff, Twining & Co., New York, N. Y. Cotton piece goods. 163,989; Feb. 6.

Moraff, Twining & Co., New York, N. Y. Cotton piece goods and silk and cotton fabrics. 171,614; Aug. 7; Serial No. 177,862; published May 15, 1923.

Moran, William F., Philadelphia, Pa. Men's clothing. 166,711; Apr. 10; Serial No. 157,000; published July 11, 1922.

Morana, Incorporated, doing business as Compagnie Morana, New York, N. Y. Odoriferous products for the production of soaps and perfumes. 168,833; May 29; Serial No. 170,533; published Feb. 13, 1923.

Morana, Incorporated, New York, N. Y. Artificial-vanilla materials suitable for the manufacture of flavoring extracts. 175,603; Nov. 6; Serial No. 178,766; published Aug. 14, 1923.

Moray's Watch Case Co., Brooklyn, N. Y. Watchcases. 169,352; June 12; Serial No. 171,762; published Feb. 27, 1923.

Morgan, A. S., doing business as The Morgan Products Co., Toledo, Ohio. General cleaning compound with incidental water-softening properties and for soaps. 168,171; May 15; Serial No. 166,843; published Feb. 13, 1923.

Morgan-Anderson Company, The, doing business as "Dolly Dixie" M'f'g Company, Toledo, Ohio. House frocks and aprons. 168,386; May 22; Serial No. 169,602; published Feb. 20, 1923.

Morgan Company, Oshkosh, Wis. Doors. 167,516; May 1; Serial No. 165,404; published Jan. 9, 1923.

Morgan, E., & Sons. (See Marsh, Lavinia A.)

Morgan, Emma A., doing business as R. B. B. Company, North Charlotte, N. C. Preparation for the treatment of pneumonia. 170,398; July 17; Serial No. 171,507; published Apr. 10, 1923.
Morgan, Neil E., Ogdensburg, N. Y. House-fly killer, a liquid roach killer, liquid mosquito killer and repellent, etc. 170,060; July 10; Serial No. 172,388; published Apr. 3, 1923.
Morgan Products Co., The. (See Morgan, A. S.)
Morgan Shoe Company, Boston, Mass. Nurses' shoes. 176,016; Nov. 13; Serial No. 176,801; published July 31, 1923.
Morgen, Abraham H., doing business as Wiz Dress Company, New York, N. Y. Women's, misses', and children's dresses. 172,432; Aug. 28; Serial No. 176,753; published May 29, 1923.
Morgenstern & Brill, New York, N. Y. Purses, vanity cases, and hand bags. 163,755; Jan. 23.
Morico Manufacturing Company. (See Cohen, Morris.)
Morning Telegraph Company, The, New York, N. Y. Newspapers. 163,719; Jan. 23.
Morrill, Geo. H., Co., Norwood, Mass. Printing ink. 174,780; Oct. 23; Serial No. 156,499; published July 10, 1923.
Morrill, James P., Reno, Nev. Ice-cream stick. 164,044; Feb. 13.
Morrill, Joseph H., Portsmouth, N. H. Automobile top dressing. 170,550; July 17; Serial No. 173,360; published Apr. 24, 1923.
Morris & Company, Chicago, Ill. Oleomargarine. 167,112–13; Apr. 24; Serial Nos. 163,346–7; published Dec. 19, 1922.
Morris & Company, Chicago, Ill. Oleomargarine. 170,798; July 24; Serial No. 170,443; published Mar. 13, 1923.
Morris & Company, Incorporated, Baltimore, Md. Middy blouses and waists. 176,081; Nov. 13.
Morris, Emil, Detroit, Mich. Headrest paper. 166,399; Apr. 3; Serial No. 169,370; published Nov. 7, 1922.
Morris Golf Ball Manufacturing Company, Wimbledon, England. Golf balls. 172,328; Aug. 28; Serial No. 177,098; published May 29, 1923.
Morris, Jos. A., & Co., Inc., New York, N. Y. Ladies' and misses' dresses. 171,239; July 31; Serial No. 170,399; published May 8, 1923.
Morris Paper Mills, Chicago, Ill. Cartons, caddies, and pasteboard packages. 165,830; Mar. 20; Serial No. 171,547; published Dec. 26, 1922.
Morris, Sloan, Morris & Co., Chicago, Ill. Hosiery, underwear, sweater coats, negligee and work shirts. 177,526; Dec. 18; Serial No. 182,601; published Oct. 2, 1923.
Morrison, Alexander, & Company, Incorporated, Newark, N. J. Steam boilers, furnaces, gas heaters, etc. 173,246; Sept. 18; Serial No. 160,456; published June 19, 1923.
Morrison, Florence C., Buffalo, N. Y. Women's hats. 172,105; Aug. 21; Serial No. 173,199; published May 22, 1923.
Morriss, Jno. E., Dallas, Tex. Containing oil, gasoline, pneumatic, and storage tanks. 163,133; Jan. 2.
Morisse Lace & Embroidery Co., St. Louis, Mo. Braids, tassels, passementeries, and garnitures. 173,672; Oct. 2; Serial No. 177,983; published July 3, 1923.
Morisse Lace & Embroidery Co., St. Louis, Mo. Braids, tassels, passementeries, and garnitures. 173,673; Oct. 2; Serial No. 177,984; published July 3, 1923.
Morisse Lace & Embroidery Co., St. Louis, Mo. Embroideries, handkerchiefs, laces, and cotton and silk goods. 175,007; Oct. 30; Serial No. 177,986; published Aug. 7, 1923.
Morrissey, Frank T., doing business as Lowell Products Company, Lowell, Mass. Food-flavoring extracts. 175,392; Nov. 6; Serial No. 158,534; published Aug. 21, 1923.
Morrow, George W., San Francisco, Calif. Boat propellers. 169,019; May 29.
Morrow Milling Company, Carthage, Mo. Self-rising wheat flour. 163,603; Jan. 23.
Morrow Milling Company, Carthage, Mo. Wheat flour. 165,399; Mar. 6; Serial No. 156,915; published Oct. 31, 1922.
Morrow Milling Company, Carthage, Mo. Wheat flour. 167,083; Apr. 24; Serial No. 154,456; published Jan. 30, 1923.
Morrow Milling Company, Carthage, Mo. Wheat flour. 170,905; July 24; Serial No. 156,914; published Mar. 27, 1923.
Morse & Co., Oshkosh, Wis. Antiseptic scalp cream. 173,542; Sept. 25.
Morse, A. G., Co., Chicago, Ill. Candy. 165,852; Mar. 20; Serial No. 151,880; published Jan. 2, 1923.
Morse, A. G., Co. Inc., Chicago, Ill. Candy. 171,123; July 31; Serial No. 175,674; published May 15, 1923.
Morse, A. G., Company, Chicago, Ill. Candy. 170,551; July 17; Serial No. 173,438; published Apr. 24, 1923.
Morse Bros., Canton, Mass., assignor to J. L. Prescott Company, New York, N. Y. Stove polish or blacking. 22,622; renewed Mar. 7, 1923.
Morse, C. C., and Co., San Francisco, Calif. Bird food. 170,810; July 24; Serial No. 171,943; published Mar. 20, 1923.
Morse, E. E., Lodi, Calif. Fresh grapes. 168,469; May 22; Serial No. 167,307; published Feb. 27, 1923.
Morton, Lester L., doing business as Brown and Morton, Lima, Ohio. Cigars. 165,592; Mar. 13; Serial No. 147,357; published Dec. 26, 1922.
Morton Sundour Fabrics Ltd., Carlisle, England. Tablecloths, serviettes, cushion covers, handkerchiefs, sideboard covers, etc. 163,920; Feb. 6.
Morton, Ted, & Co. Inc., New York, N. Y. Stuffed figure toys and ornamented surfaces to be formed into stuffed figure toys. 171,007; July 31; Serial No. 176,639; published May 15, 1923.
Morvillo, Mariano, doing business as Prune Co., New York, N. Y. Laxative confection. 166,795; Apr. 17; Serial No. 152,764; published Jan. 23, 1923.
Moseley, Benjamin, Co., The, Needham, Mass. Hosiery. 168,273; May 15; Serial No. 168,543; published Jan. 30, 1923.
Moser & Co. Inc., New York, N. Y. Bating material used in tanning leather. 169,833; July 3; Serial No. 173,101; published Apr. 3, 1923.
Moses, Abram, Baltimore, Md. Window and door sills, lintels, arches, cornices, etc. 176,056; Nov. 13; Serial No. 182,109; published Sept. 4, 1923.
Moses, Sydney, New York, N. Y. Dresses. 176,471–2; Nov. 27; Serial Nos. 181,140–1; published Sept. 11, 1923.
Mosiman, J. E., Co. (See Mosiman, Joseph E.)
Mosiman, Joseph E., doing business as J. E. Mosiman Co., Morton, Ill. Candied pop corn. 165,817; Mar. 20; Serial No. 155,024; published Jan. 2, 1923.
Moskowitz, Joseph, New York, N. Y. Pastry flour. 177,218; Dec. 11; Serial No. 176,416; published Sept. 18, 1923.
Moss Brothers, New York, N. Y. Silk goods in the piece. 177,101; Dec. 11; Serial No. 170,444; published Sept. 18, 1923.
Moss, Edgar A., Marion, Ind. Heading for a humor column syndicated to both weekly and daily newspapers, etc. 177,434; Dec. 18; Serial No. 182,602; published Sept. 25, 1923.
Moss & Lowenhaupt Cigar Co., St. Louis, Mo. Cigars, cheroots, cigarettes, smoking and chewing tobacco. 168,755; May 29; Serial No. 171,649; published Feb. 13, 1923.
Moss & Money, Spencer, Ind. Cough sirup. 169,023; May 29.
Mosse, Incorporated, New York, N. Y. Bed sheets, pillowcases, bedspreads, table linens, towels. 176,201; Nov. 20; Serial No. 180,022; published Aug. 21, 1923.
Mosso, C. A., Laboratories. (See Shipman, Clara M.)
Moth K-L Company, Incorporated, The, Wilmington, Del., and New York, N. Y. Preparation for protection against mosquitoes. 165,718; Mar. 20; Serial No. 166,314; published Nov. 7, 1922.
Mother's Favorite Cookie Company, Seattle, Wash. Cookies and macaroons. 167,241; Apr. 24; Serial No. 159,322; published Jan. 30, 1923.
Moton, Mary L., Washington, D. C. Hair dressing. 166,911; Apr. 17; Serial No. 169,067; published Jan. 9, 1923.
Motopower Manufacturing Co. (See Finnegan, H. L.)
Motor Curve Light Company, Delta, Colo. Electric lights and lighting fixtures for electric lights for motor cars. 173,006; Sept. 11; Serial No. 177,987; published June 5, 1923.
Motor Go Oil Company. (See Lipin, John.)
Motor Kool Co. (See Heinze, Augustus P.)
Motor Master Corporation, Chicago, Ill. Attachment for spark plugs for the prevention of carbon fouling. 165,197; Mar. 6; Serial No. 167,884; published Nov. 7, 1922.
Motor Player Corporation, Chicago, Ill. Motors for player pianos. 169,501; June 19; Serial No. 158,630; published Mar. 27, 1923.
Motosacoche Société Anonyme, Geneva, Switzerland. Internal-combustion motors and internal-combustion motors for motor cycles, runabouts, etc. 175,329; Nov. 6; Serial No. 180,340; published Aug. 14, 1923.
MotoVisor Company, St. Paul, Minn. Motor-vehicle windshield shades. 176,649; Nov. 27; Serial No. 149,858; published Sept. 11, 1923.
Mott, Thomas K., Los Angeles, Calif. Marmalade, jams, and preserved fruits. 173,376; Sept. 25; Serial No. 176,850; published July 3, 1923.
Mound City Bottling Company, St. Louis, Mo. Beverage sold as soft drinks and sirups for making same. 172,988; Sept. 11; Serial No. 173,845; published June 12, 1923.
Mound City Creamery and Food Products Co., St. Louis, Mo. Butter, coffee, tea, spices, etc. 173,242; Sept. 18; Serial No. 160,953; published Mar. 27, 1923.
Mound City Paint & Color Company, St. Louis, Mo. Paints, paint enamels, paint oils. 168,866; May 29; Serial No. 172,170; published Mar. 13, 1923.
Mountain City Mill Company, Chattanooga, Tenn. Feed for horses, cattle, hogs, and chickens. 171,031; July 31; Serial No. 160,419; published Mar. 27, 1923.
Mountain Maid Products Company. (See Hood River Apple Vinegar Co.)
Mountain State Glass Co., Mannington, W. Va. Window glass. 170,616; July 17; Serial No. 177,139; published Apr. 17, 1923.

Mouquin Restaurant and Wine Company, Limited, The, New York, N. Y. Beverages sold as soft drinks and sirups for making same. 172,324; Aug. 28; Serial No. 176,686; published May 29, 1923.

Mouquin Restaurant and Wine Company, Limited, The, New York, N. Y. Olive oil, canned fruits and vegetables. 174,031; Oct. 2; Serial No. 176,687; published June 19, 1923.

Mouquin Rt. & Wine Co., Inc., New York, N. Y. Beverage sold as a soft drink. 169,559; June 19.

Mouquin Rt. & Wine Co. Inc., New York, N. Y. Beverages sold as a soft drink. 173,797; Oct. 2; Serial No. 174,405; published July 3, 1923.

Mov-Ezy Theatre Seating Co. Inc., Wilmington, Del., and New York, N. Y. Stationary swivel chairs. 167,449; May 1; Serial No. 163,587; published Jan. 23, 1923.

Movie Home Journal Co., The, Boston, Mass. Periodical monthly magazine. 171,885; Aug. 14; Serial No. 172,609; published May 1, 1923.

Moviglass Company, Milford, Mass. Eyeglasses. 172,778; Sept. 11; Serial No. 144,095; published June 5, 1923.

Moyer, William D., Limeport, Pa. General conditioning powder for live stock. 164,293; Feb. 20.

Mt. Angel Producers Packing Co., Mount Angel, Oreg. Canned fruits. 169,246; June 12; Serial No. 170,689; published Mar. 27, 1923.

Mt. Ida Packing Company, Oroville, Calif. Canned olives. 168,703; May 29; Serial No. 165,086; published Mar. 6, 1923.

Mudge & Company, Chicago, Ill. Railway gasoline-motor cars. 176,336; Nov. 20.

Mueller & Goetz, Galion, Ohio. Preparation for cleaning clothes and fabrics. 175,884; Nov. 13; Serial No. 180,452; published Aug. 21, 1923.

Mueller, John, Licorice Co., The, Cincinnati, Ohio. Candy. 163,604; Jan. 23.

Mueller Metals Company, Port Huron, Mich. Die and sand castings and forgings. 164,862; Feb. 27.

Mueller Metals Company, Port Huron, Mich. Rods, die and sand castings, and forgings of nonferrous metal. 166,741; Apr. 10.

Mueller, Theodore J., assignor to Libby Chemical Company, West Allis, Wis. Medicated tablets for headaches, neuralgia, and minor pains. 172,542; Sept. 4; Serial No. 173,850; published May 15, 1923.

Muhlbauer, Otto, & Co., Inc., Brooklyn, N. Y. Canned cherries, June peas, salmon, etc. 169,391; June 12; Serial No. 166,466; published Mar. 27, 1923.

Muir, Chas. S., doing business as The Polaris Co., Washington, D. C. Parlor board game. 175,584; Nov. 6; Serial No. 181,301; published Aug. 21, 1923.

Mulhearn, Caroline, doing business as C. B. Jones, Brooklyn, N. Y. Deodorant powder. 165,562; Mar. 13; Serial No. 156,793; published Nov. 28, 1922.

Mulhens & Kropff, Incorporated, New York, N. Y. Perfumes, toilet water, face powder, talcum powder, etc. 165,585; Mar. 13; Serial No. 163,227; published Dec. 5, 1922.

Muller, Frank F., doing business as Pacific Mercantile Co., San Francisco, Calif. Men's and women's undergarments, house and lounging robes, pyjamas. 169,397; June 12; Serial No. 163,281; published Mar. 6, 1923.

Müller, Georg G., Berlin-Wilmersdorf, Germany. Light-advertising apparatus with projection of illumination of still or changeable pictures, picture plates, etc. 164,929; Feb. 27.

Müller, J. G., & Co., Stuttgart, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del. Artists' colors, varnishes, and driers. 23,457; renewed Aug. 8, 1923.

Muller and Phipps (Asia) Limited, New York, N. Y. Fountain pens. 163,905; Feb. 6.

Müller & Schmidt, Pfeilringwerk, Solingen, Germany. Table knives, forks, and spoons of base metal, razors, scissors, etc. 164,061; Feb. 13.

Multibestos Company, Walpole, Mass. Brake lining. 175,141; Oct. 30. Serial No. 180,341; published July 31, 1923.

Multiple Storage Battery Corporation, Dover, Del., and New York, N. Y. Storage batteries. 165,126; Mar. 6; Serial No. 160,500; published Nov. 7, 1922.

Mummert Lumber & Tie Co., Chicago, Ill. Engine push poles. 175,021; Oct. 30; Serial No. 177,315; published Aug. 14, 1923.

Munger, Louis de F., doing business as Four Way Company, Springfield, Mass. Telephone plugs. 170,024; July 10; Serial No. 173,576; published Apr. 3, 1923.

Munning, A. P., & Co., Matawan, N. J. Lime polishing composition used in buffing and polishing. 163,801; Jan. 30.

Munning, A. P., & Co., Matawan, N. J. Cloth-polishing wheels. 163,802; Jan. 30.

Munning, A. P., & Co., Matawan, N. J. Low-voltage electroplating generators, motor-driven electroplating-generator sets, electroplating machines, and electric polishing lathes. 164,262; Feb. 13.

Munning, A. P., & Co., Matawan, N. J. Chemicals in combination for electroplating solutions. 165,719–20; Mar. 20; Serial Nos. 166,309–10; published Nov. 7, 1922.

Munning, A. P., & Co., Matawan, N. J. Plastic and solid alloys and cast-metal anodes. 166,170; Mar. 27; Serial No. 166,313; published Dec. 5, 1922.

Munning, A. P., & Co., Matawan, N. J. Buffing rouge and materials of similar character. 170,533–6; July 17; Serial Nos. 174,321–4; published Apr. 24, 1923.

Munning, A. P., & Co., Matawan, N. J. Buffing rouge used in the buffing and polishing trade to produce a bright luster on gold, silver, etc. 170,604–5; July 17; Serial Nos. 174,792–3; published Apr. 24, 1923.

Munning, A. P., & Co., Matawan, N. J. Abrasives. 171,294; Aug. 7; Serial No. 166,312; published Apr. 24, 1923.

Munning, A. P., & Co., Matawan, N. J. Lime polishing composition. 171,747; Aug. 14; Serial No. 166,242; published May 1, 1923.

Munning, A. P., & Co., Matawan, N. J. Cloth polishing wheels. 171,748; Aug. 14; Serial No. 166,193; published May 8, 1923.

Munning, A. P., & Co., Matawan, N. J. Cloth polishing wheels. 171,749; Aug. 14; Serial No. 166,190; published May 8, 1923.

Munning, A. P., & Co., Matawan, N. J. Lime polishing compositions. 174,616; Oct. 23; Serial No. 179,214; published July 24, 1923.

Munning, A. P., & Co., Matawan, N. J. Cloth polishing wheels. 174,953; Oct. 30; Serial No. 166,192; published Aug. 7, 1923.

Munro and Company, Kansas City, Mo. Millinery glue. 165,908; Mar. 20.

Munsell Color Company, Inc., New York, N. Y. Pressed pastel, wax, and chalk crayons, color atlas, etc. 167,696; May 8; Serial No. 167,683; published Feb. 20, 1923.

Munsell Color Company, Inc., New York, N. Y. Paints and water colors, etc. 177,684; Dec. 25; Serial No. 167,577; published Feb. 13, 1923.

Munsell, Jesse G., Lincoln, Nebr. Tablets composed of inorganic substances mixed with sugar of milk. 163,514; Jan. 16.

Munsell, Jesse G., doing business as Munsell's School of Health and Munsell's Supply Co., Lincoln, Nebr. Blood stream tonics. 168,511; May 22.

Munsingwear Corporation, The, Minneapolis, Minn. Underwear, knit or woven, and hosiery. 169,038; June 5; Serial No. 175,508; published Apr. 3, 1923.

Munson, Elizabeth M., doing business as Madame Marie, San Francisco, Calif. Almond massage cream, shaving and beauty lotions, etc. 170,084; July 10; Serial No. 168,057; published Apr. 3, 1923.

Munter, Charles, New York, N. Y. Corsets, waist corsets, brassières. 166,612–13; Apr. 10; Serial Nos. 141,320–1; published Jan. 2, 1923.

Munter, Charles, New York, N. Y. Corsets, waist corsets, brassières, and men's, women's, and children's undergarments. 174,854–5; Oct. 23; Serial Nos. 177,192–3; published Aug. 7, 1923.

Munter, Charles, New York, N. Y. Corsets, ladies' underwear, etc. 174,986; Oct. 30; Serial No. 174,701; published Aug. 14, 1923.

Munter, Charles, New York, N. Y. Corsets, waist corsets, brassières, etc. 175,931; Nov. 13; Serial No. 179,813; published Aug. 28, 1923.

Munzer, E., & Co., Chicago, Ill. Ladies' fabric underwear bloomers. 172,047; Aug. 21; Serial No. 154,524; published May 22, 1923.

Munzer, Ida, Inc., New York, N. Y. Women's and children's textile underwear. 174,795; Oct. 23; Serial No. 174,586; published July 24, 1923.

Munzer, Ida, Inc., New York, N. Y. Brassières. 176,017; Nov. 13; Serial No. 176,804; published July 31, 1923.

Münzer, Th., Hamburg, Germany, Firearms. 163,990; Feb. 6.

Mupu Citrus Association, Santa Paula, Calif. Fresh citrous fruits. 177,440; Dec. 18; Serial No. 182,171; published Oct. 2, 1923.

Mupu Citrus Association, Santa Paula, Calif. Fresh citrous fruits. 177,444; Dec. 18; Serial No. 182,169; published Oct. 2, 1923.

Muralo Company, The, New York and New Brighton, N. Y. Cold-water paint. 166,465; Apr. 3; Serial No. 168,898; published Jan. 9, 1923.

Muralo Company, The, New York and New Brighton, N. Y. Dry powder to be mixed with cold water and used as a wall coating. 166,488; Apr. 3; Serial No. 170,986; published Jan. 9, 1923.

Muralo Company, The, New York and New Brighton, N. Y. Wall size in dry powder form. 169,830; July 3; Serial No. 173,201; published Apr. 3, 1923.

Muralo Company, Inc., The, New Brighton, N. Y. Calcimines. 176,896; Dec. 4.

Muralo Company, Inc., The, New Brighton, N. Y. Calcimines. 176,900; Dec. 4.

Murdock, C. A., Mfg. Co., Kansas City, Mo. Food-flavoring extracts and coffee. 172,978; Sept. 11; Serial No. 175,805; published June 19, 1923.

Murdock, Victoria, Estate, doing business as The Wichita Eagle, Wichita, Kans. Daily newspaper. 177,314; Dec. 18; Serial No. 180,514; published Oct. 2, 1923.

Murdock Vulcanizing Co., Montrose, Colo. Plaster for use in forming a vulcanizing pad. 171,354; Aug. 7; Serial No. 171,181; published May 1, 1923.

Murdock, Wm. J., Co., Chelsea, Mass. Wireless apparatus. 172,825; Sept. 11; Serial No. 167,482; published June 5, 1923.

Murphey, Edwin M., Macon, Miss. Bluing. 175,269; Oct. 30.
Murphy, J.-J. Paper Co., Inc., New York, N. Y. Bond paper. 177,516; Dec. 18; Serial No. 163,529; published Sept. 5, 1922.
Murphy, Margaret C., doing business as Margueritte Laboratories, Evanston, Ill. Cold and day creams, face powder, rouges, etc. 173,970; Oct. 2; Serial No. 168,426; published July 17, 1923.
Murphy, Mark J., doing business as Bes-Test Malt Products Company, Chicago, Ill. Malt extract. 164,824; Feb. 27.
Murphy Varnish Company, Newark, N. J. Varnishes, paint enamels, varnish stains. 170,224; July 10; Serial No. 154,986; published Apr. 10, 1923.
Murray, C. Alexander, doing business as Upton Supply Company, Pawtucket, R. I. Shampoo soap. 163,830; Jan. 30.
Murray Company, The, Dallas, Tex. Cotton gins, elevators, presses, distributors, etc. 167,288; Apr. 24.
Murray Company, The, Dallas, Tex. Cotton gins and cotton-gin machinery. 172,320; Aug. 28; Serial No. 176,419; published May 29, 1923.
Murray Company, The, Boston, Mass. Nonalcoholic, maltless sirup and extracts for beverage purposes. 174,637; Oct. 23; Serial No. 180,983; published July 31, 1923.
Murray, John F., New York, N. Y. Prune laxative preparation. 169,641; June 26; Serial No. 170,945; published Mar. 20, 1923.
Murray, R. W., & Co., South Boston, Mass. Malt extract. 170,040; July 10; Serial No. 174,970; published Apr. 10, 1923.
Murray Trading Co., Inc., The, New York, N. Y. Mercerized cotton pongee in the piece. 172,844; Sept. 11; Serial No. 176,908; published May 29, 1923.
Musante, G., Calistoga, Calif. Mineral water. 167,307; Apr. 24.
Muscente, Fausto A., doing business as Snow Cake Mfg. Co., Providence, R. I. Edible ice-cream containers. 174,709; Oct. 23; Serial No. 172,758; published July 24, 1923.
Muser Brothers, New York, N. Y. Silk piece goods. 166,150; Mar. 27; Serial No. 156,848; published June 27, 1922.
Musical Products Distributing Co. Inc., New York, N. Y. Phonograph-record-display stands. 175,846; Nov. 13; Serial No. 180,715; published Aug. 28, 1923.
Muskegon Motor Specialties Company, Muskegon, Mich. Motor pistons. 173,747; Oct. 2; Serial No. 177,749; published June 12, 1923.
"Must Hatch Incubator Company." (See Bourke, Leo A.)
Mutual Benefit Association. (See McCann, Eugene B.)
Mutual Chemical Co. of America, New York, N. Y. Chemicals such as bichromate of potash and bichromate of soda. 167,233; Apr. 24; Serial No. 163,939; published Oct. 17, 1922.
Mutual Oil Company, Kansas City, Mo. Motor lubricating oil. 168,025; May 8.
Mutual Orange Distributors, Redlands, Calif. Fresh citrus fruit. 164,654; Feb. 27.
Mutual Orange Distributors, Redlands, Calif. Monthly publications. 165,357; Mar. 6; Serial No. 168,058; published Dec. 19, 1922.
Mutual Pharmacal Company, Boston, Mass. Chocolate laxative tablets. 167,486; May 1; Serial No. 158,053; published June 6, 1922.
Mutual Products Company. (See Winslow, Carmi.)
Mutual Refining Company, Los Angeles, Calif. Gasoline. 168,827; May 29; Serial No. 170,446; published Feb. 13, 1923.
Mutual Thread Company, New York, N. Y. Thread. 163,515; Jan. 16.
Muturo Mfg. Co. (See Kandle, Albert L.)
Myers, F. E., & Bro. Co., The, Ashland, Ohio. Hay carriers, unloaders, steel tracks, forks, and pulleys, etc. 164,224; Feb. 13.
Myers, F. E., & Bro. Co., The, Ashland, Ohio. Pumps. 171,764; Aug. 14; Serial No. 158,784; published May 8, 1923.
Myers Manufacturing Company, Camden, N. J. Tin boxes and containers. 166,186; Mar. 27; Serial No. 160,896; published Nov. 14, 1922.
Myers, Thomas A., doing business as Ye Olde Tyme Hard and Soft Pretzel Shop. Pretzels. 170,873; July 24; Serial No. 165,502; published Apr. 3, 1923.
Myles Salt Co., Ltd., New Orleans, La. Salt. 163,134; Jan. 2.
Myriad Manufacturing Co., New York, N. Y. Fur kerchief for women for summer wear. 175,045; Oct. 30; Serial No. 178,269; published Aug. 7, 1923.
Myrurgia, S. A., Barcelona, Spain. Toilet soaps. 169,580; June 26; Serial No. 159,369; published Mar. 27, 1923.
Myrurgia, S. A., Barcelona, Spain. Toilet soaps. 169,582; June 26; Serial No. 159,368; published Mar. 27, 1923.
N. Kjaergaard, Jensens Tekn. Kem. Fabrik, Copenhagen, Denmark. Cheese and butter color. 166,039; Mar. 27; Serial No. 167,776; published Dec. 5, 1922.
N. Kjaergaard Jensens Tekn. Kem. Fabrik, Copenhagen, Denmark. Rennet, junket tablets, and lactic ferment. 174,118; Oct. 2; Serial No. 154,654; published July 3, 1923.
N. V. Koninklijke Pellerij "Mercurius" voorheen Gebroeders Laan, Wormer, Netherlands. Barley, pot barley, pearl barley, oats, and rolled oats, etc. 167,132; Apr. 24; Serial No. 158,396; published Dec. 26, 1922.
N. V. National Perfumery Company, Amsterdam, Netherlands. Cologne and toilet waters, perfumes, etc. 170,206; July 10; Serial No. 173,294; published Mar. 27, 1923.
N. V. Vernis- en Verffabriek v. h. J. Wagemakers & Zonen, Breda, Netherlands. Paints, varnishes, oils. 170,733; July 24; Serial No. 172,391; published Apr. 24, 1923.
N-D-N Products Co., Buffalo, N. Y. Carbon remover. 167,916; May 8; Serial No. 169,255; published Jan. 9, 1923.
N. M. P. Laboratories. (See Strahmann, Henry C.)
Naamlooze Vennootschap Chemische Fabriek "Vanor," Hilversum, Netherlands. Remedy against foot-and-mouth diseases (murrain). 163,135; Jan. 2.
Naamlooze Vennootschap Hollandsche Cacao- en Chocoladefabrieken voorheen Bensdorp & Co., Amsterdam, Netherlands. Cocoa. 166,426; Apr. 3; Serial No. 164,767; published Jan. 16, 1923.
Naamlooze Vennootschap Industrieele Maatschappij v./H. Noury & Van der Lande, Deventer, Netherlands. Oxidizing agents for bleaching flour, meal, milling and meal products. 166,086; Mar. 27; Serial No. 157,622; published Oct. 17, 1922.
Naamlooze Vennootschap Industrieele Maatschappij v./H. Noury & Van Der Lande, Deventer, Netherlands. Flour, meal, farina, etc. 177,011; Dec. 11; Serial No. 157,846; published Sept. 25, 1923.
Naamlooze Vennootschap Vernis-en Verffabriek voorheen H. Vettewinkel & Zonen. (See Vettewinkel, Dirk H., assignor.)
Nack, Anthony W., Washington, D. C. Leather and fabric gloves, hosiery, and textile knitted underwear for children. 168,594; May 29; Serial No. 164,661; published Feb. 13, 1923.
Nack, Anthony W., Washington, D. C. Gloves, hosiery, and underwear. 174,249; Oct. 9; Serial No. 164,660; published Feb. 13, 1923.
Nafziger Baking Company, Kansas City, Mo. Bread. 176,756; Nov. 27; Serial No. 175,262; published July 31, 1923.
Nakamura, Shiro, Los Angeles, Calif. Tablets to be used in the treatment of heart disease, rheumatism, etc. 169,882; July 3; Serial No. 153,686; published Mar. 13, 1923.
Nancy Hubbard Company. (See Watson, Arthur C.)
Nantex Mfg. Co. Inc., New York, N. Y. Men's athletic underwear. 166,699; Apr. 10; Serial No. 166,687; published Jan. 23, 1923.
Nantex Mfg. Co. Inc., New York, N. Y. Men's athletic underwear. 167,898; May 8; Serial No. 168,686; published Feb. 6, 1923.
Napier, Charles C., doing business as Napier Products Company, Brooklyn, N. Y. Foot powder. 164,383; Feb. 20.
Napier Products Company. (See Napier, Charles C.)
Napier, Robert L., Blenheim, S. C. Beverages sold as soft drinks. 169,091; June 5.
Nash, C. A., & Son, Inc., Norfolk, Va. Enamel paints, ready-mixed dry and paste paints, varnishes, and floor wax. 163,756; Jan. 23.
Nash, C. A., & Son, Norfolk, Va. Composition roofing. 165,097; Mar. 6; Serial No. 162,036; published Nov. 28, 1922.
Nash Coffee Company. (See Caldwell Importing Co., assignor.)
Nash Coffee Company, Minneapolis, Minn. Peanut butter. 166,439; Apr. 3; Serial No. 166,901–2; published Jan. 16, 1923.
Nash Coffee Company, Minneapolis, Minn. Coffee. 167,097; Apr. 24; Serial No. 167,188; published Jan. 23, 1923.
Nash Coffee Company, Minneapolis, Minn. Peanut butter. 169,026; May 29.
Nash Coffee Company, Minneapolis, Minn. Coffee. 177,651; Dec. 25; Serial No. 168,483; published Sept. 11, 1923.
Nash, E. W., Company, Boston, Mass. Ready-mixed paints and varnishes. 163,136; Jan. 2.
Nashua Gummed & Coated Paper Company, Nashua, N. H. Paper wrappers for fruit. 165,686; Mar. 20; Serial No. 170,255; published Dec. 19, 1922.
Nashua Gummed & Coated Paper Company, Nashua, N. H. Paper wrappers for fruit. 166,364; Apr. 3; Serial No. 170,254; published Nov. 28, 1922.
Nashville Banner Publishing Company, Nashville, Tenn. Daily newspaper. 169,078; June 5; Serial No. 171,099; published Feb. 27, 1923.
Nashville Roller Mills (sometimes trading as The Red Mill), Nashville, Tenn. Self-rising flour. 165,124; Mar. 6; Serial No. 161,059; published Nov. 14, 1922.
Nasser and Coleman Company, Cleveland, Ohio. Insect powders or insecticides. 172,724; Sept. 11; Serial No. 174,744; published May 22, 1923.
Natchez Baking Company. (See Simon, Leo.)

Alphabetical list of registrants of trade-marks—Continued.

Nathan & Cohen Co., Inc., New York, N. Y. Silk and cotton warp mixture piece goods. 165,583; Mar. 13; Serial No. 162,999; published Jan. 2, 1923.
Nathan & Cohen Co., Inc., New York, N. Y. Cotton goods in the piece. 170,317; July 10; Serial No. 175,509; published Apr. 3, 1923.
Nathan and Cohen Co., Inc., New York, N. Y. Cotton piece goods. 174,536; Oct. 16.
National Acme Company, The, Cleveland, Ohio. Metal-working machines and tools. 169,721–2; June 26.
National Almond Products Co. Inc., Brooklyn, N. Y. Almond paste, almonds, blanched peanuts, etc. 172,254; Aug. 28; Serial No. 155,513; published May 29, 1923.
National Aniline & Chemical Company, Inc., New York, N. Y. Coal-tar crudes, intermediates, dyestuffs dyes, etc. 164,690; Feb. 27.
National Aniline & Chemical Company, Incorporated, New York, N. Y. Dyestuffs, certified food colors, and intermediates. 165,706; Mar. 20; Serial No. 168,427; published Dec. 19, 1922.
National Aniline & Chemical Company, Incorporated, New York, N. Y. Dyestuffs, certified food colors, and intermediates. 166,390–7; Apr. 3; Serial Nos. 169,409–16; published Oct. 24, 1922.
National Aniline & Chemical Company, Incorporated. New York, N. Y. Coal-tar chemicals or intermediates, rubber accelerators or catalyzers, etc. 167,376; May 1; Serial No. 167,824; published Dec. 26, 1922.
National Aniline & Chemical Company Incorporated, New York, N. Y. Coal-tar chemicals or ingredients, rubber accelerators or catalyzers, etc. 167,660; May 8; Serial No. 167,823; published Jan. 30, 1923.
National Aniline & Chemical Company, Incorporated, New York, N. Y. Coal-tar crudes, intermediates, dyestuffs, dyes, etc. 173,271; Sept. 18; Serial No. 174,971; published June 12, 1923.
National Association of Electrical Contractors and Dealers, New York, N. Y. Monthly magazine. 168,239; May 15; Serial No. 167,052; published Jan. 30, 1923.
National Association of Hosiery and Underwear Manufacturers, New York, N. Y. Weekly periodical. 168,966; May 29; Serial No. 171,031; published Feb. 27, 1923.
National Association of Hosiery and Underwear Manufacturers, New York, N. Y. Section of a periodical at present issued weekly. 169,076; June 5; Serial No. 171,032; published Feb. 27, 1923.
National Association of Hosiery and Underwear Manufacturers, New York, N. Y. Periodical issued weekly. 169,666; June 26; Serial No. 171,033; published Mar. 27, 1923.
National Bakeries, Inc., The, Tampa, Fla. Bread. 172,641; Sept. 11; Serial No. 159,763; published May 1, 1923.
National Biscuit Company, Jersey City, N. J., and New York, N. Y. Biscuit. 163,605; Jan. 23.
National Biscuit Company, New York, N. Y. Biscuits and crackers. 167,960; May 8.
National Biscuit Company, Jersey City, N. J., and New York, N. Y. Biscuit. 173,121; Sept. 18; Serial No. 163,593; published June 12, 1923.
National Biscuit Company, New York, N. Y. Biscuits and crackers. 176,097; Nov. 13.
National Biscuit Company, Jersey City, N. J., and New York, N. Y. Biscuits, crackers, cookies, and cakes. 176,873; Dec. 4; Serial No. 181,644; published Sept. 25, 1923.
National Biscuit Company, Jersey City, N. J., and New York, N. Y. Cookies and small cakes. 177,623; Dec. 25; Serial No. 182,435; published Oct. 2, 1923.
National Blank Book Co., Holyoke, Mass. Loose-leaf ledgers. 168,253; May 15; Serial No. 172,548; published Feb. 27, 1923.
National Cabinet Co. (See Gerstner, H., & Sons.)
National Cable Compound Company, The, Mitchell, Ind. Electrically-insulating cable compound. 164,847; Feb. 27.
National Candy Company, doing business as Peckham Candy Factory, St. Louis, Mo., assignor to National Confectioners Association of the United States, Chicago, Ill. Candy. 173,977; Oct. 2; Serial No. 172,549; published July 17, 1923.
National Cap Manufacturing Company, Incorporated. Men's, youths', and boys' caps. 176,209; Nov. 20; Serial No. 178,862; published Sept. 4, 1923.
National Cap Mfg. Company, Louisville, Ky. Caps for men, boys, and children. 171,133; July 31; Serial No. 159,522; published May 1, 1923.
National Chemical Co., Chicago, Ill. Perfumes, toilet water, cleansing cream, etc. 176,979; Dec. 11; Serial No. 179,815; published Sept. 11, 1923.
National Chemical Company. (See Hunter, R. William.)
National Committee for Mental Hygiene, Inc., New York and Albany, N. Y. Title of its educational and scientific quarterly magazine. 167,754; May 8; Serial No. 170,661; published Jan. 2, 1923.
National Confectioners Association of the United States. (See National Candy Company, assignor.)
National Cream Fried Cake Corporation, Columbus, Ohio. Pastry. 166,282; Mar. 27; Serial No. 148,810; published Nov. 7, 1922.
National Dairy Company, The, Toledo, Ohio. Evaporated milk. 168,797; May 29; Serial No. 142,994; published Mar. 6, 1923.
National Drug and Chemical Company of Canada, Limited, Montreal, Quebec, Canada. Pills for pimples, boils, blackheads, and other skin diseases. 167,804; May 8; Serial No. 168,274; published Feb. 13, 1923.
National Drug Stores Corp., New York, N. Y. Tooth paste. 171,967; Aug. 14.
National Egg Products Company, Los Angeles, Calif. Powder for making scrambled eggs. 166,440; Apr. 3; Serial No. 166,897; published Jan. 16, 1923.
National Electric Manufacturing Company, Pittsburgh, Pa. Electric hammers. 171,055; July 31; Serial No. 175,881; published Apr. 24, 1923.
National Electric Products Corporation, Chicago, Ill. Refrigerators and parts and refrigerating systems. 174,263; Oct. 9; Serial No. 177,140; published July 3, 1923.
National Engineering Company, assignor to National Engineering & Refining Company, Rapid City, S. Dak. Photographic salts. 163,137; Jan. 2.
National Engineering & Refining Company. (See National Engineering Company, assignor.)
National Extract & Flavor Co. (See Goldberg, Fred.)
National Federation of Uncle Sam's Voters, Washington, D. C. Monthly publication. 176,537; Nov. 27; Serial No. 182,218; published Sept. 18, 1923.
National Fireworks Manufacturing Company, The, Boston and West Hanover, Mass. Fireworks. 170,131; July 10; Serial No. 158,942; published Apr. 10, 1923.
National Flour Products Company, The, Oklahoma, Okla. Self-shortened prepared flour compound for making cake. 165,115; Mar. 6; Serial No. 132,655; published Nov. 7, 1922.
National Food Corporation. (See Sterrick, Harrison D.)
National Food Corporation, The, Pittsburgh, Pa. Beverage composition to make a soft drink. 163,376; Jan. 9.
National Food Products Co., Chicago, Ill. Salted peanuts. 173,561; Sept. 25.
National Grave Vault Co., The, Galion, Ohio. Grave vaults. 168,035; May 8.
National Gum & Mica Co., New York, N. Y.; Boston, Mass.; Charlotte, N. C.; Chicago, Ill.; Dunellen, N. J.; San Francisco, Calif., and Toronto, Ontario, Canada. Paste powder. 164,850; Feb. 27.
National Hair Goods Co., Chicago, Ill. Hair nets. 173,161; Sept. 18; Serial No. 159,048; published June 12, 1923.
National Hair Goods Co., Chicago, Ill. Hairpins. 177,786; Dec. 25.
National Indicator Company, Long Island City, N. Y. Braiding machines. 169,361; June 12; Serial No. 172,896; published Mar. 27, 1923.
National Kellastone Co., Chicago, Ill. Building cement and stucco. 170,126; July 10; Serial No. 155,028; published Aug. 29, 1922.
National Licorice Company, Brooklyn, N. Y. Licorice candy. 176,523; Nov. 27; Serial No. 183,041; published Sept. 18, 1923.
National Life Preserver Company (Sheridan Wyoming), Sheridan, Wyo., and New York, N. Y. Life preservers. 177,835; Dec. 25.
National Lime & Stone Company, The, Carey, Ohio. Lime for plastering or building purposes. 168,450; May 22; Serial No. 170,207; published Jan. 30, 1923.
National Lubricants Co., New York, N. Y. Lubricating oils and greases. 164,632; Feb. 27.
National Malleable Castings Company, The, Cleveland, Ohio. Car couplers. 165,196; Mar. 6; Serial No. 167,733; published Dec. 5, 1922.
National Marking Machine Company, Cincinnati, Ohio. Detergent. 170,977; July 24.
National Mortar and Supply Company of Pittsburg, Pittsburgh, Pa. Lime. 169,341; June 12; Serial No. 173,102; published Mar. 27, 1923.
National Nut Products Co., Inc., New York, N. Y. Salted nut meats. 174,912; Oct. 23; Serial No. 179,109; published July 31, 1923.
National Packing Corporation, Ogden, Utah. Canned fruits, vegetables, etc. 169,309; June 12; Serial No. 168,780; published Mar. 27, 1923.
National Paint & Varnish Co., The, Cleveland, Ohio. Paint enamels adapted to withstand heat and cold. 166,104; Mar. 27; Serial No. 165,028; published Nov. 14, 1922.
National Paper Can Company, The, Milwaukee, Wis. Paper cans. 170,767; July 24; Serial No. 177,317; published Apr. 24, 1923.
National Paper Products Company, San Francisco, Calif. Dispensing cabinets for paper towels and toilet tissue. 163,516; Jan. 16.
National Paving Brick Manufacturers Association, Cleveland, Ohio. House organ published monthly. 171,817; Aug. 14; Serial No. 175,099; published May 8, 1923.
National Pharmacal Company, The, Cleveland, Ohio. Ointments, salves, and preparations for application to the skin for the relief of muscular rheumatism, etc. 176,222; Nov. 20; Serial No. 177,686; published Aug. 28, 1923.
National Physicians Supply Company, The, doing business as Ce-Wede Laboratory, Cincinnati, Ohio. Ointment for lumbago, gout, eczema, etc. 177,424; Dec. 18; Serial No. 162,846; published Sept. 25, 1923.

National Process Company, Inc., New York, N. Y. Photo prints. 175,816; Nov. 13; Serial No. 158,487; published July 31, 1923.
National Progress Company. (See Koch, Reinhold G.)
National Radium Co., Los Angeles, Calif. Liquid medicinal compound used for the treatment of rheumatism, neuralgia, sciatica, etc. 177,166; Dec. 11; Serial No. 181,766; published Sept. 18, 1923.
National Record Exchange Company, Iowa City, Iowa. Phonograph-record cabinets. 173,606; Oct. 2; Serial No. 159,717; published June 19, 1923.
National Refining Company, The, Cleveland, Ohio. Lubricating oil. 164,506; Feb. 20.
National Refining Company, The, Cleveland, Ohio. Lubricating grease. 172,245; Aug. 28; Serial No. 161,695; published May 29, 1923.
National Remedies Company. (See London, M. A.)
National Renovating & Supply Co., Kansas City, Mo. Disinfectant. 176,916; Dec. 4.
National Renovating & Supply Co., Kansas City, Mo. Toilet flush. 177,844; Dec. 25.
National Retail Dry Goods Association, New York, N. Y. Trade papers and bulletins. 169,690; June 26; Serial No. 165,704; published Mar. 27, 1923.
National Retail Hardware Association, Argos and South Bend, Ind. Monthly magazine. 175,915; Nov. 13; Serial No. 180,383; published Sept. 4, 1923.
National Ring Traveler Co., Providence, R. I. Ring and twister travelers. 167,249; Apr. 24; Serial No. 170,779; published Jan. 30, 1923.
National School Equipment Company, Minneapolis, Minn. School furniture and equipment. 164,026; Feb. 6.
National School Supply Association, Chicago, Ill. Magazine published monthly. 177,344; Dec. 18; Serial No. 181,085; published Oct. 2, 1923.
National Screen Service, Inc., New York, N. Y. Motion-picture films. 175,043; Oct. 30; Serial No. 178,353; published Aug. 14, 1923.
National Screw and Manufacturing Company, The, Cleveland, Ohio. Electric-lamp fixtures, electric motors and fans. 174,593; Oct. 23; Serial No. 179,418; published July 24, 1923.
National Shirt Shops, Inc., New York, N. Y. Men's suits, coats, trousers, etc. 173,764; Oct. 2; Serial No. 177,194; published July 10, 1923.
National Shoe Retailers Association of the United States of America, Inc., Chicago, Ill. Monthly publication. 171,829; Aug. 14; Serial No. 175,806; published May 22, 1923.
National Steel Fabric Company, Pittsburgh, Pa. Fabricated steel products—namely, wire fabric for reenforcing concrete roads. 165,366; Mar. 6; Serial No. 162,037; published Nov. 28, 1922.
National Tire & Rubber Company, The, East Palestine, Ohio. Rubber tires and tubes. 163,517; Jan. 16.
National Tire & Rubber Company, The, East Palestine, Ohio. Rubber tires and tubes. 171,383; Aug. 7; Serial No. 142,892; published May 1, 1923.
National Trading Company, Chicago, Ill. Hair nets and veils. 167,976; May 8.
National Tube Company, Pittsburgh, Pa. Metal couplings, pipes, tubes, and casings. 171,830; Aug. 14; Serial No. 175,882; published May 1, 1923.
National Tuberculosis Association, New York, N. Y. Stamps or seals. 163,810; Jan. 30.
National Twist Drill & Tool Company, Detroit, Mich. Milling cutters. 169,920; July 3.
Natoma Farm, York and Hinsdale, Ill. Milk. 170,978; July 24.
Natural Products Refining Co., Jersey City, N. J. Bichromate of soda and bichromate of potash. 176,224; Nov. 20; Serial No. 177,195; published Aug. 7, 1923.
Naturaline Corset Company, Boston, Mass. Corsets. 168,202; May 15; Serial No. 164,601; published Jan. 30, 1923.
Naturaline Corset Company, Boston, Mass. Brassières. 169,516; June 19; Serial No. 172,116; published Mar. 27, 1923.
Nature Products Company, Tonopah, Nev. Tooth powder and paste. 167,362; May 1; Serial No. 170,256; published Jan. 30, 1923.
Nature's Own Food Co., Madison, Wis. Wheat and rye flour, corn meal, and bread. 177,038; Dec. 11; Serial No. 158,090; published Sept. 25, 1923.
Nature's Rival Company, Chicago, Ill. Brassières. 174,756; Oct. 23; Serial No. 165,406; published July 24, 1923.
Naughtin, T. F., Co. (See Naughtin, Thomas F.)
Naughtin, Thomas F., doing business as T. F. Naughtin Co., Omaha, Nebr. Bakers' and confectioners' supplies. 167,010; Apr. 24; Serial No. 162,762; published Jan. 30, 1923.
Naujoks-McLaughlin, Los Angeles, Calif. Mouthpieces of reed wind instruments. 175,732; Nov. 13; Serial No. 179,052; published Sept. 4, 1923.
Nault, Henry B., doing business as Nault Oil Company, Somersworth, N. H. Oil liniment. 176,894; Dec. 4.
Naumann, Fredrick M., doing business as F. M. Naumann Company, Cleveland, Ohio. Antiseptic for the prevention of venereal diseases. 172,377; Aug. 28; Serial No. 156,105; published Apr. 3, 1923.
Naumkeag Steam Cotton Co., Salem, Mass. Cotton piece goods. 173,391; Sept. 25; Serial No. 163,761; published Jan. 9, 1923.
Naumkeag Steam Cotton Co., Salem, Mass. Pillowcases. 174,100–1; Oct. 2; Serial Nos. 145,957–8; published July 10, 1923.
Navigato, William A., Chicago, Ill. Cheese for macaroni. 167,641; May 8; Serial No. 168,849; published Jan. 16, 1923.
Naylor, Roger W., Chicago, Ill. Sanitary napkins. No. 170,526; July 17; Serial No. 174,629; published Apr. 10, 1923.
Neal & Hyde, Incorporated, Syracuse, N. Y. Hosiery. 166,602; Apr. 10; Serial No. 149,924; published May 23, 1922.
Neal Manufacturing Co., The, Cleveland, Ohio. Pastry flour. 172,535; Sept. 4; Serial No. 174,022; published May 15, 1923.
Near East Trading Co. (See Funke, Edward.)
Nebraska Cement Company, Omaha, Nebr., and Denver, Colo. Portland cement. 173,091; Sept. 18; Serial No. 177,687; published June 12, 1923.
Nebraska City Cereal Mills Nebraska City, Nebr., assignor to The Quaker Oats Company, Chicago, Ill. Rolled oats, velvet meal, corn grits, etc. 22,212; renewed Dec. 27, 1922.
Nebraska Consolidated Mills Company, Grand Island, Nebr. Wheat flour. 163,606; Jan. 23.
Nebraska Mill & Elevator Co., North Platte, Nebr. Wheat flour. 172,758; Sept. 11; Serial No. 175,100; published June 5, 1923.
Needham, Earle J., doing business as D. Needham's Sons, Chicago, Ill. Candy laxative, ointments, red-clover extracts. 167,914; May 8; Serial No. 169,178; published Jan. 30, 1923.
Needham's, D., Sons. (See Needham, Earle J.)
Needlecraft Publishing Company, Augusta, Me. Monthly magazines. 172,045; Aug. 21; Serial No. 155,444; published May 22, 1923.
Neenah Shoe Company, Neenah, Wis. Leather boots and shoes. 169,429; June 12, 1923.
Neff, Harry D., Cambridge, Mass. Pliers. 171,668; Aug. 7.
Nehring, A., & Sons Co., Chicago, Ill. Cleaning compound for cleaning painted and varnished walls, woodwork, and floors. 167,766; May 8; Serial No. 169,916; published Jan. 30, 1923.
Neiswender, Lisle W., doing business as Creme-Petrol Company, Columbus, Ohio. Medicinal oils. 169,884; July 3; Serial No. 154,700; published Mar. 13, 1923.
Nekritz, Louis, doing business as Perfect Polish Co., Brooklyn, N. Y. Stove polish. 169,410; June 12.
Nekritz, Louis, doing business as Perfect Polish Co., Brooklyn, N. Y. Coating in the nature of an enamel or paint. 175,268; Oct. 30.
Nelson, Baker & Company, Detroit, Mich. Face powder and cold cream. 175,569; Nov. 6; Serial No. 180,940; published Aug. 21, 1923.
Nelson Bead Company, New York, N. Y. Beads. 172,236; Aug. 28; Serial No. 175,151; published May 8, 1923.
Nelson, E. G., & Son, Chicago, Ill. Thousand Island dressing and mayonnaise dressing. 177,297; Dec. 18; Serial No. 174,849; published Oct. 2, 1923.
Nelson, Fader F., Los Angeles, Calif. Phonographs, parts thereof, and phonograph records. 175,925; Nov. 13; Serial No. 179,948; published Aug. 21, 1923.
Nelson, H. W., Chicago, Ill. Electrical therapeutic lamp for raying bodies. 168,172; May 15; Serial No. 166,844; published Feb. 13, 1923.
Nelson, I. R., Co., Newark, N. J. Reels of wire, radio and receiving sets, and wire coils for radio apparatus. 175,228; Oct. 30.
Nelson, James, Limited, Nelson, England. Cotton piece goods. 165,591; Mar. 13; Serial No. 147,570; published Jan. 2, 1923.
Nelson, James, Ltd., Nelson, England. Binding, braids, galloons, tape, trimmings, boot and corset laces. 168,916; May 29; Serial No. 154,321; published Mar. 6, 1923.
Nelson, Joseph M., Houma, La. Rheumatism medicine. 177,811; Dec. 25.
Nelson-Kirkwood, Laura, trustee of the estate of W. R. Nelson, deceased, Kansas City, Mo. Newspapers. 173,601; Oct. 2; Serial No. 167,361; published June 12, 1923.
Nelson-Ricks Creamery Co., Salt Lake City, Utah. Butter. 177,819; Dec. 25.
Nelson, Thomas, & Sons, New York, N. Y. Bibles. 173,517; Sept. 25.
Neptune Battery Co., New York, N. Y. Electric batteries. 174,582; Oct. 23; Serial No. 163,283; published Sept. 26, 1922.
Neptune Laboratories, The. (See Robinson, Guy A.)
Nesbitt, John J., Atlantic City, N. J. Air heating, moistening, and ventilating device. 168,990; May 29.
Nestlé & Anglo-Swiss Condensed Milk Co., Cham and Vevey, Switzerland. Concentrated milk without sugar. 176,695; Nov. 27; Serial No. 157,628; published Sept. 18, 1923.
Nestlé & Anglo-Swiss Condensed Milk Co., Cham and Vevey, Switzerland. Café au lait. 176,696; Nov. 27; Serial No. 157,627; published Sept. 18, 1923.

Nestlé & Anglo-Swiss Condensed Milk Co., Cham and Vevey, Switzerland. Condensed milk. 176,697; Nov. 27; Serial No. 157,625; published Sept. 11, 1923.

Nestlé & Anglo-Swiss Condensed Milk Co., Cham and Vevey, Switzerland. Condensed milk. 177,427; Dec. 18; Serial No. 157,629; published Sept. 18, 1923.

Nestor Johnson Manufacturing Company, Chicago, Ill. Ice skates. 177,802; Dec. 25.

Netherlands Corporation for Oversea Trade, Inc., New York, N. Y. Kapok and crude rubber. 172,527; Sept. 4; Serial No. 173,524; published June 5, 1923.

Netherlands Corporation for Oversea Trade, Inc., New York, N. Y. Kapok and crude rubber. 172,528; Sept. 4; Serial No. 173,522; published June 5, 1923.

Netherlands Corporation For Oversea Trade, Inc., New York, N. Y. Sugar, rice, pepper, coffee, spices, and condiments. 172,989; Sept. 11; Serial No. 173,525; published June 5, 1923.

Netherlands Corporation For Oversea Trade, Inc., New York, N. Y. Sugar, rice, pepper, coffee, spices, and condiments. 172,990; Sept. 11; Serial No. 173,523; published June 5, 1923.

Netherlands Haarlem Oil Manufacturing Company. (See Jakobs, Nachem.)

Nettie-Baell Hinkle, Shreveport, La. Medicinal preparation used in the treatment of carbuncles, boils, old sores, etc. 170,065; July 10; Serial No. 171,844; published Mar. 27, 1923.

Neuburger & Company, New York, N. Y. Gingham piece goods. 173,723; Oct. 2; Serial No. 179,314; published July 10, 1923.

Neuhoff, Fred B., Company. (See Neuhoff, Fred. B.)

Neuhoff, Fred B., also operating as Fred B. Neuhoff Company, Los Angeles, Calif. Canned fruits and vegetables. 164,689; Feb. 27.

Neuhoff, Fred B., doing business as Fred B. Neuhoff Company, Los Angeles, Calif. Canned fruits and canned vegetables. 167,005–6; Apr. 17.

Neuhoff, Fred B., doing business as Fred B. Neuhoff Company, Los Angeles, Calif. Canned fruits and vegetables. 170,433; July 17; Serial No. 171,860; published Apr. 10, 1923.

Neuhoff, Fred B., doing business as Fred B. Neuhoff Company, Los Angeles, Calif. Canned fruits and vegetables. 170,554; July 17; Serial No. 173,657; published Apr. 24, 1923.

Neuhoff, Fred B., doing business as Fred B. Neuhoff Company, Los Angeles, Calif. Canned fruits and vegetables. 176,151; Nov. 20; Serial No. 171,856; published Sept. 4, 1923.

Neuman & Silver, doing business as Lion Knitting Mills, Philadelphia, Pa. Sweaters. 176,760; Nov. 27; Serial No. 175,511; published Aug. 21, 1923.

Neuner, Martin C., Los Angeles, Calif. Game. 167,089; Apr. 24; Serial No. 142,162; published Jan. 9, 1923.

Neuss, Hesslein & Co., Inc. New York, N. Y. Woven gray, bleached, printed, and dyed cotton piece goods. 169,958; July 10; Serial No. 174,667; published Apr. 10, 1923.

Neuss, Hesslein & Co., Inc., New York, N. Y. Printed, bleached, and gray, etc., cotton piece goods. 173,366; Sept. 25; Serial No. 179,620; published July 3, 1923.

Neuss, Hesslein & Co., Inc., New York, N. Y. Printed, bleached, gray, etc., cotton piece goods. 174,201; Oct. 9; Serial No. 180,882; published July 17, 1923.

Neuss, Hesslein & Co. Inc., New York, N. Y. Printed cotton piece goods, bleached and grey cotton piece goods, etc. 175,460; Nov. 6; Serial No. 182,356; published Aug. 28, 1923.

Neuss, Hesslein & Company, Inc., New York, N. Y. Cotton goods in the piece. 175,509; Nov. 6; Serial No. 177,507; published Aug. 28, 1923.

Neutral Soap Co., Chicago, Ill. Washing cleanser. 176,699; Nov. 27; Serial No. 176,642; published Sept. 11, 1923.

Neutrasol Products Corporation, New York, N. Y. Oils for preparing silk, wool, etc. for manufacture. 172,695; Sept. 11; Serial No. 177,988; published May 29, 1923.

Never Enough Pie Company, The, Bridgeport, Conn. Articles of food. 171,077; July 31; Serial No. 169,769; published Apr. 3, 1923.

Ne-Ver-Rust Mfg. Co. (See Bollerman, Albert.)

Never-Stretch Mattress Company, Philadelphia, Pa. Mattresses. 173,871; Oct. 2; Serial No. 175,616; published May 29, 1923.

Nevins, Herbert, doing business as H. Nevins Co., Peoria, Ill. Shoe dressing auto top and carriage dressing. 169,099; June 5.

New Castle Lime & Stone Company, New Castle and Hillsville, Pa. Agricultural lime or pulverized limestone. 172,183; Aug. 21.

New Castle Notion Company, New Castle, Pa. Trousers, overalls, shirts, etc. 177,382; Dec. 18; Serial No. 181,905; published Oct. 2, 1923.

New Castle Refractories Co., New Castle, Pa. Fire bricks and furnace, kiln, burner, and other refractory parts made of fire-brick material. 166,969; Apr. 17.

New England Bakery Company, Somerville, Mass. Bread. 172,478; Aug. 28.

New England Brewing Company, doing business as Haffenreffer & Co., Boston, Mass., and Jersey City, N. J. Beverages sold as soft drinks and extracts, flavors, etc., for making same. 168,257; May 15; Serial No. 171,651; published Feb. 27, 1923.

New England Brewing Company, Jersey City, N. J., and Boston, Mass. Cane and maple-sugar sirup. 170,907; July 24; Serial No. 155,768; published June 6, 1922.

New England Commercial Co., Inc., New York, N. Y. Cotton piece goods. 163,138; Jan. 2.

New England Confectionery Company, Boston, Mass. Candy. 163,607; Jan. 23.

New England Confectionery Company, Boston, Mass. Candy. 170,001; July 10; Serial No. 154,812; published Apr. 3, 1923.

New England Confectionery Company, Boston, Mass. Candy. 170,002; July 10; Serial No. 154,815; published Apr. 3, 1923.

New England Confectionery Company, Boston, Mass. Candy. 170,589; July 17; Serial No. 154,839; published Apr. 17, 1923.

New England Confectionery Company, Boston, Mass. Candy. 170,591; July 17; Serial No. 154,820; published Apr. 17, 1923.

New England Confectionery Company, Boston, Mass. Candy. 171,600; Aug. 7; Serial No. 176,274; published May 22, 1923.

New England Confectionery Company, Boston, Mass. Candy. 174,119; Oct. 2; Serial No. 154,810; published July 3, 1923.

New England Confectionery Company, Boston, Mass. Candy. 177,153; Dec. 11; Serial No. 182,256; published Sept. 18, 1923.

New England Fibre Mills, Derry, N. H. Mattresses. 166,306; Mar. 27.

New England Fibre Mills, Derry, N. H. Mattresses. 167,532; May 1; Serial No. 172,287; published Jan. 30, 1923.

New England Fibre Mills, Derry, N. H. Mattresses. 167,533; May 1; Serial No. 172,285; published Jan. 30, 1923.

New England Fibre Mills, Derry, N. H. Mattresses. 167,772–3; May 8; Serial Nos. 172,648–9; published Jan. 30, 1923.

New England Oil Refining Company, Boston, Mass. Crude oil, fuel oil, gasoline, kerosene, gas oil, etc. 164,635; Feb. 27.

New England Panama Hat Co., Inc., New York, N. Y. Hats. 172,086; Aug. 21; Serial No. 176,756; published May 22, 1923.

New England Pressed Steel Company, Natick, Mass. Electric tail lights, stop lights, backing lights, direction signals, etc. 167,931; May 8; Serial No. 171,430; published Feb. 20, 1923.

New England Radio Manufacturing Company, Cambridge, Mass. Radio equipment. 165,174; Mar. 6; Serial No. 170,725; published Dec. 19, 1922.

New England Spun Silk Corporation, Boston and Newton Upper Falls, Mass., and New York, N. Y. Spun-silk yarns. 164,408; Feb. 20.

New England Spun Silk Corporation, Boston and Newton Upper Falls, Mass., and New York, N. Y. Yarns spun of silk, artificial silk, and mixtures thereof. 168,774–5; May 29; Serial Nos. 173,976–7; published Mar. 6, 1923.

New Hampshire Co-Operative Marketing Association, Inc., Manchester, N. H. Fresh eggs. 174,781; Oct. 23; Serial No. 153,101; published July 24, 1923.

New Jersey Charcoal Co. Inc., Irvington, N. J. Charcoal. 175,803; Nov. 13; Serial No. 179,379; published Sept. 4, 1923.

New Jersey Paper Tube Company, Englewood, N. J. Soda straws. 174,972; Oct. 30; Serial No. 156,542; published Aug. 14, 1923.

New Jersey Paper Tube Company, Englewood, N. J. Paper drinking straws. 175,515; Nov. 6; Serial No. 175,590; published Aug. 28, 1923.

New Jersey Trunk Co. Inc., Newark, N. J. Trunks. 166,063; Mar. 27; Serial No. 168,062; published Nov. 7, 1922.

New Jersey Zinc Company, The, Newark and Franklin, N. J. Pastes for paint purposes. 173,458; Sept. 25; Serial No. 178,402; published June 19, 1923.

New Jersey Zinc Company, The, Newark and Franklin, N. J. Zinc oxide. 174,809; Oct. 23; Serial No. 180,615; published Aug. 7, 1923.

New Process Company, Warren, Pa. Rubber tires for motor vehicles. 163,243; Jan. 2.

New Process Company, Warren, Pa. Men's traveling bags. 168,493; May 22.

New Process Company, Warren, Pa. Ladies' traveling bags. 168,494; May 22.

New Process Company, Warren, Pa. Portfolios (brief cases). 170,304; July 10; Serial No. 176,496; published Apr. 10, 1923.

New Process Company, Warren, Pa. Men's suitcases. 170,305–6; July 10; Serial Nos. 176,494–5; published Apr. 10, 1923.

New Process Company, The, Warren, Pa. Overcoats and ulsters. 169,573; June 19.

New Process Company, The, Warren, Pa. Raincoats. 169,574; June 19.

New Process Company, Warren, Pa. Wardrobe trunks. 170,773; July 24; Serial No. 175,620; published Apr. 24, 1923.

New Process Cork Company, Brooklyn, N. Y. Bottle closures of the crown type. 173,124; Sept. 18; Serial No. 160,076; published June 12, 1923.

New Way Laboratories, Hamilton, Ohio. Laundryproof fluid for patching hosiery and all fabrics. 172,180; Aug. 21.

New York Bed Spring Mfg. Co., Detroit, Mich. Bed springs. 175,147; Oct. 30; Serial No. 180,716; published Aug. 7, 1923.

New York Belting and Packing Company, New York, N. Y. Rubber heels. 165,353; Mar. 6; Serial No. 168,688; published Nov. 14, 1922.

New York Belting and Packing Company, New York, N. Y. Belting made of rubber and fabric. 170,312; July 10; Serial No. 175,320; published Apr. 3, 1923.

New York Belting and Packing Company, New York, N. Y. Belting made of rubber and fabric. 170,313; July 10; Serial No. 175,322; published Apr. 3, 1923.

New York Blue Print Paper Co., New York, N. Y. Tracing paper. 175,298; Nov. 6; Serial No. 181,906; published Aug. 21, 1923.

New York Blue Print Paper Company, New York, N. Y. Sensitized blue-print paper. 167,248; Apr. 24; Serial No. 171,182; published Feb. 6, 1923.

New York Canneries, Inc., Rochester, N. Y. Canned fruits and vegetables. 176,158; Nov. 20; Serial No. 168,722; published Aug. 21, 1923.

New York Canners, Inc., Rochester, N. Y. Canned berries, fruits, and vegetables. 166,115; Mar. 27; Serial No. 151,468; published Dec. 12, 1922.

New York Consolidated Card Co., The, Long Island City, N. Y. Playing cards. 168,260; May 15; Serial No. 171,027; published Feb. 27, 1923.

New York Extract Co., The. (See Wool, Max D.)

New York Girl Coat Co., New York, N. Y. Girls' coats. 172,859; Sept. 11; Serial No. 169,491; published June 5, 1923.

New York Intravenous Laboratory. (See Loeser, David.)

New York Knife Company, New York, N. Y. Pocket and hunting knives. 166,474; Apr. 3; Serial No. 167,316; published Jan. 2, 1923.

New York Law Review Corporation, New York, N. Y. Name of a monthly magazine. 172,075; Aug. 21; Serial No. 176,032; published May 22, 1923.

New York Mackintosh Clothing Company, New York, N. Y. Rainproof garments. 175,592; Nov. 6; Serial No. 179,420; published Aug. 14, 1923.

New York Merchandise Company, New York, N. Y. Hair nets. 163,377; Jan. 9.

New York Merchandise Company, New York, N. Y. Sanitary napkins. 168,800; May 29; Serial No. 174,795; published Mar. 13, 1923.

New York Merchandise Company, New York, N. Y. Handkerchiefs. 175,458; Nov. 6; Serial No. 182,603; published Aug. 28, 1923.

New York Merchandise Company, New York, N. Y. Hosiery. 176,248; Nov. 20; Serial No. 182,604; published Sept. 4, 1923.

New York Mills Corporation, New York Mills, N. Y. Cotton piece goods. 163,378; Jan. 9.

New York & Pennsylvania Company, Castanea, Pa., and New York, N. Y. Book and writing paper, writing envelope, paper, etc. 163,477; Jan. 16.

New York & Pennsylvania Company, Castanea, Pa., and New York, N. Y. Kraft, beaming, warping, etc., paper. 163,478; Jan. 16.

New York & Pennsylvania Company, Castanea Township, Clinton County, Pa., and New York, N. Y. Book paper in sheets and rolls, alkali-proof paper, etc. 173,119; Sept. 18; Serial No. 167,922; published June 12, 1923.

New York Rubber Company, New York, N. Y. Rubber hose and belting. 169,148; June 12; Serial No. 160,828; published Feb. 27, 1923.

New York Tribune, Inc., New York, N. Y. Title of a newspaper column. 169,066; June 5; Serial No. 172,430; published Mar. 13, 1923.

New York Wire & Spring Company, Hoboken, N. J. Automobile bumpers. 171,607; Aug. 7; Serial No. 173,717; published May 1, 1923.

New York Wire & Spring Company, Hoboken, N. J. Automobile bumpers. 175,605; Nov. 6; Serial No. 173,716; published Aug. 28, 1923.

New Zealand Co-Operative Dairy Company Limited, The, Hamilton, New Zealand. Butter and cheese. 176,860; Dec. 4; Serial No. 168,332; published Sept. 4, 1923.

New Zealand Refrigerating Company Limited, The, Christchurch, New Zealand. Sheep and lambs' pelts. 163,279–80; Jan. 9.

New Zealand Refrigerating Company Limited, The, Christchurch, New Zealand. Frozen and preserved meats. 165,979; Mar. 27; Serial No. 161,382; published Dec. 26, 1922.

New Zealand Refrigerating Company, Limited, The, Christchurch, New Zealand. Sheep and lambs' pelts. 166,535; Apr. 10; Serial No. 161,379; published Oct. 10, 1923.

New Zealand Refrigerating Company Limited, The, Christchurch, New Zealand. Tallow. 167,440; May 1; Serial No. 161,372; published Jan. 23, 1923.

New Zealand Refrigerating Company Limited, The, Christchurch, New Zealand. Frozen and chilled mutton, lamb, and beef, and tallow. 167,441; May 1; Serial No. 161,371; published Jan. 30, 1923.

New Zealand Refrigerating Company Limited, The, Christchurch, New Zealand. Oils for preserving leather and neat's-foot oil. 167,455; May 1; Serial No. 161,381; published Jan. 2, 1923.

New Zealand Refrigerating Company, Limited, The, Christchurch, New Zealand. Tallow largely used in soap making. 167,645–7; May 8; Serial Nos. 168,586–8; published Jan. 9, 1923.

New Zealand Refrigerating Company, Limited, Christchurch, New Zealand. Wool. 171,438; Aug. 7; Serial No. 161,378; published May 1, 1923.

New Zealand Refrigerating Company, Limited, The, Christchurch, New Zealand. Wool. 171,439; Aug. 7; Serial No. 161,373; published May 1, 1923.

New Zealand Refrigerating Company Limited, The, Christchurch, New Zealand. Oils for preserving leathers and neat's-foot oil. 172,036; Aug. 21; Serial No. 161,375; published May 22, 1923.

New Zealand Refrigerating Company Limited, The, Christchurch, New Zealand. Wool. 172,246; Aug. 28; Serial No. 161,380; published May 29, 1923.

Newark Tortoise Shell Novelty Co., Newark, N. J. Hand mirrors and picture frames. 173,591; Sept. 25.

Newark Tortoise Shell Novelty Co., Newark, N. J. Hand mirrors and picture frames of celluloid and similar materials. 176,794; Nov. 27.

Newberry-Ramsey Ready Mixed Sugar Cure Co., Springfield, Mo. Preparation for curing and preserving meats. 165,810; Mar. 20; Serial No. 167,359; published Jan. 2, 1923.

Newell, Carroll D., New York, N. Y. Yarn. 169,973; July 10; Serial No. 165,756; published Jan. 9, 1923.

Newell, Carroll D., New York, N. Y. Yarn. 174,039; Oct. 2; Serial No. 177,420; published July 17, 1923.

Newell Mfg. Co. Inc., The, Ogdensburg, N. Y. Curtain fixtures. 165,762; Mar. 20; Serial No. 170,726; published Dec. 19, 1922.

Newfoundland Fish Products, Limited, London, England. Fish fertilizers, fish manure. 164,003; Feb. 6.

Newhall Chain Forge & Iron Co., New York, N. Y. Nonskid chains, hooks, and parts thereof. 168,908; May 29; Serial No. 160,897; published Mar. 6, 1923.

Newhall, H. M., & Co., San Francisco, Calif. Canned fruits and vegetables. 168,691; May 29; Serial No. 169,770; published Feb. 27, 1923.

Newhall, H. M., & Co., San Francisco, Calif. Canned fruits and vegetables. 171,253; July 31; Serial No. 169,772; published May 1, 1923.

Newhall, H. M., & Co., San Francisco, Calif. Canned fruits and vegetables. 171,368; Aug. 7; Serial No. 169,771; published May 8, 1923.

Newkirk, Roy, Kansas City, Mo. Cookies. 173,515; Sept. 25.

Newman, Christopher F., Springfield, Mass. Butter, cheese, and eggs. 167,055; Apr. 24; Serial No. 160,772; published Dec. 26, 1923.

Newman, Hardy & Co., also doing business as Parfait Powder Puff Co., Chicago, Ill. Powder puffs. 173,081; Sept. 11.

Newman, John J., doing busines as J. J. Newman Co., Los Angeles, Calif. Corn plasters. 170,036; July 10; Serial No. 173,851; published Apr. 10, 1923.

Newman, John W., Hendersonville, N. C. Construction materials for stone veneer for walls, building blocks, bricks, etc. 169,209; June 12; Serial No. 168,330; published Mar. 13, 1923.

Newman, Marcus & Torchia, Cincinnati, Ohio. Frocks. 173,684; Oct. 2; Serial No. 178,455; published July 10, 1923.

Newman, Sigmund, doing business as S. Newman & Company, New York, N. Y. Name of a magazine or publication specializing on subjects pertaining to radio, telegraphy, and telephony. 173,724; Oct. 2; Serial No. 179,380; published June 2, 1923.

Newmark Brothers, Los Angeles, Calif. Coffee. 168,541; May 29; Serial No. 158,137; published Mar. 6, 1923.

Newmarket Trading Company, Inc., New York, N. Y. Electrical appliances used in connection with wireless telephony. 166,567; Apr. 10; Serial No. 167,315; published Dec. 26, 1922.

Newmarket Trading Company, Inc., New York, N. Y. Safety razors and blades, safety-razor-blade-stropping machines. 175,970; Nov. 13; Serial No. 161,332; published Oct. 31, 1922.

New Method Die & Cut-Out Co., Inc., Boston, Mass. Cardboard easels for supporting advertising cards. 174,502; Oct. 16; Serial No. 181,304; published July 24, 1923.

Newport Company, The, Carrollville, Wis. Turpentine substitutes. 170,058; July 10; Serial No. 175,940; published Apr. 10, 1923.

Newton Automatic Lettering Pen Company, The. (See Newton, Francis H.)

Newton, Carl D., doing business as Fox Company, San Antonio, Tex. Photoprints and enlargements made on glossy paper. 163,773; Jan. 30.

Newton, Carl D., doing business as Fox Company, San Antonio, Tex. Photoprints and enlargements finished in water color. 163,774; Jan. 30.

Newton, Carl D., doing business as The Fox Company, San Antonio, Tex. Coffee. 166,260; Mar. 27; Serial No. 164,937; published Dec. 19, 1922.

Newton, Chambers & Co. Limited, near Sheffield, England. Apparatus for generating and diffusing vaporized germicides or disinfectants. 172,296; Aug. 28; Serial No. 177,922; published May 29, 1923.

Newton, Chambers & Company, Ltd., near Sheffield, England. Disinfectants. 23,664; renewed Sept. 26, 1923.

Newton, Chambers & Company, Limited, near Sheffield, England. Sheep dips. 23,665; renewed Sept. 26, 1923.

Newton, Dr. Ben F., Albany, Ala. Relief for burns, cuts, skin diseases, catarrh, etc. 167,556; May 1; Serial No. 165,457; published Dec. 26, 1922.

Newton, Francis H., doing business as The Newton Automatic Lettering Pen Company, Pontiac, Mich. Lettering pens. 163,518; Jan. 16.

Newton Ice Cream Company. (See Hay, Carl A.)

Newton Line Company Incorporated, Homer, N. Y. Fishing lines. 166,747–9; Apr. 10.

Newton Line Company Incorporated, Homer, N. Y. Fishing lines. 166,761-3; Apr. 10.

Newton Line Company Incorporated, Homer, N. Y. Fishing lines. 168,248; May 15; Serial No. 173,669; published Feb. 27, 1923.

Newton Line Company Incorporated, Homer, N. Y. Fishing lines. 169,434; June 12.

Newton Line Company Incorporated, Homer, N. Y. Fishing lines. 170,029; July 10; Serial No. 173,665; published Apr. 10, 1923.

Newton Line Company Incorporated, Homer, N. Y. Fishing lines. 170,030; July 10; Serial No. 173,662, published Apr. 10, 1923.

Newton Line Company Incorporated, Homer, N. Y. Fishing lines. 171,094; July 31; Serial No. 173,663; published May 1, 1923.

Newton Line Company Incorporated, Homer, N. Y. Fishing lines. 171,095; July 31; Serial No. 173,668; published May 1, 1923.

Newton Line Company Incorporated, Homer, N. Y. Fishing lines. 171,112; July 31; Serial No. 174,747; published May 1, 1923.

Newton Line Company Incorporated, Homer, N. Y. Fishing lines. 172,484–5; Aug. 28.

Newton Line Company Incorporated, Homer, N. Y. Fishing lines. 172,486; Aug. 28.

Newton Line Company Incorporated, Homer, N. Y. Fishing lines. 172,497; Aug. 28.

Ney, J. M., Company, The, Hartford, Conn. Gold alloys for dental purposes. 163,519; Jan. 16.

Niagara Alkali Company, Niagara Falls, N. Y. Flake lye. 170,829; July 24; Serial No. 169,918; published Apr. 24, 1923.

Niagara Alkali Company, Niagara Falls, N. Y. Flake lye used as detergent. 173,595; Oct. 2; Serial No. 169,917; published June 26, 1923.

Niagara Knitting Mills Corp., Long Island City and New York, N. Y. Bathing suits. 169,426; June 12.

Niagara Shoe Company, Inc., Buffalo, N. Y. Shoes of leather, rubber, and fabric. 174,113; Oct. 2; Serial No. 171,029; published July 3, 1923.

Niagara Shoe Company, Inc., Buffalo, N. Y. Shoes. 176,362–3; Nov. 20.

Nicholas Proprietary Limited, Melbourne, Victoria, Australia. Pharmaceutical preparation for the relief of headache, nerve pains, etc. 171,972; Aug. 21; Serial No. 165,706; published Nov. 7, 1922.

Nicholls-Loomis Co., Los Angeles, Calif. Livestock and poultry feeds, wheat and rye flours, etc. 176,326; Nov. 20; Serial No. 154,990; published Sept. 12, 1922.

Nichols Electric Furniture Co., Bennington, Vt. Electrically-equipped serving table. 177,470; Dec. 18; Serial No. 175,623; published Oct. 2, 1923.

Nichols, F. & H., Nutley, N. J. Spark plugs. 172,329; Aug. 28; Serial No. 177,101; published May 29, 1923.

Nicholson File Company, Providence, R. I. Files and rasps. 175,290; Nov. 6; Serial No. 131,918; published Jan. 30, 1923.

Nicholson, Harry R., doing business as H. R. Nicholson Company, Baltimore, Md. Automobile soap. 168,933; May 29; Serial No. 173,292; published Mar. 13, 1923.

Nicholson, Lloyd E., New York, N. Y. Hosiery. 173,657; Oct. 2; Serial No. 176,275; published June 19, 1923.

Nicholson's Raincoat Co., Limited, St. Albans, England. Raincoats, etc., in proofed cloths. 163,693; Jan. 23.

Nicholson's Raincoat Co., Limited, St. Albans, England. Waterproofed fabrics in the piece. 174,704; Oct. 23; Serial No. 176,497; published July 17, 1923.

Nickel & Drummey, Chicago, Ill. Butter. 177,328; Dec. 18; Serial No. 178,624; published Sept. 25, 1923.

Nickel Fabricating Corp., Philipsburg, Pa. Frying pans, saucepans, stock pots, kettles, etc. 173,916; Oct. 2; Serial No. 174,908; published July 3, 1923.

Nickel Plate Elevator Company, The, Cleveland, Ohio. Poultry and stock feed. 177,000; Dec. 11; Serial No. 181,086; published Sept. 25, 1923.

Nickels, Cathrine, Philadelphia, Pa. Preparation for the alleviation of baldness and the restoration and preservation of the hair. 170,019; July 10; Serial No. 172,431; published Mar. 27, 1923.

Nickels & Lauber, Inc., Philadelphia, Pa. Hosiery, scarfs, neckties, and mufflers. 168,186; May 15; Serial No. 169,071; published Jan. 30, 1923.

Nickels Manufacturing Company, Bristol, Va. Ladies', misses', and children's dresses. 169,770; July 3; Serial No. 169,179; published Apr. 3, 1923.

Nickelsburg Brothers Company (of N. J.), The, New York, N. Y. Leather goods—namely, traveling bags, suitcases, brief cases, etc. 163,139–40; Jan. 2.

Nickelsburg Brothers Company, The, Newark, N. J. Partly-prepared leather used in the manufacture of boudoir slippers, bathing shoes, etc. 167,797; May 8; Serial No. 163,762; published Feb. 6, 1923.

Nicomede, Joe, doing business as Lustroil Co., Altoona, Pa. Polish for restoring the polish of musical instruments. 174,778; Oct. 23; Serial No. 169,317; published July 24, 1923.

Niedzielski, Albert W., Chicago, Ill. Purgative tea in dry form. 177,049; Dec. 11; Serial No. 180,384; published Sept. 18, 1923.

Nightrack Manufacturing Company, Huntington, W. Va. Costumer. 172,364; Aug. 28; Serial No. 174,185; published May 1, 1923.

Niles-Bement-Pond Company, New York, N. Y. Gears. 163,876; Feb. 6.

Niles-Bement-Pond Company, New York, N. Y. Machine tools consisting of planers, lathes, and drilling machines. 171,804; Aug. 14; Serial No. 177,017; published May 22, 1923.

Niles, Carrie J., Jacksonville, Fla. Hair dressing. 163,896; Feb. 6.

Niles Tool Works Company, The, New York, N. Y. Hydraulic presses, axle lathes, boring and turning mills, etc. 170,336; July 10.

Nippon Match M'f'g Co., L'd, Kobe, Japan. Matches. 168,545; May 29; Serial No. 158,488; published Mar. 6, 1923.

Nippon Tea Co. (See Masuda, Tomekechi.)

Niss, C., & Sons, Inc., Milwaukee, Wis. Furniture for homes. 169,041; June 5; Serial No. 149,345; published Feb. 27, 1923.

Nissley Creamery Company, Fort Worth, Tex. Ice cream. 166,541; Apr. 10; Serial No. 157,726; published Jan. 9, 1923.

Nissley Creamery Company, Fort Worth, Tex. Ice cream. 168,548; May 29; Serial No. 158,995; published Mar. 6, 1923.

Nissly Swiss Chocolate Company, Inc., Florin, Pa. Milk and almond chocolate. 174,925; Oct. 23.

Nitram Manufacturing Co., The, East Orange, N. J., and New York, N. Y. Knitted bags. 166,522–3; Apr. 3; Serial Nos. 172,007–8; published Jan. 9, 1923.

Nitrate Agencies Company, New York, N. Y. Fertilizers. 174,864; Oct. 23; Serial No. 180,486; published July 10, 1923.

Nitro-Culture Company. (See Vaisberg, Herman.)

Nitro Pencil Company, Nitro, W. Va. Lead for pencils. 167,155; Apr. 24; Serial No. 172,897; published Feb. 6, 1923.

Nitrogen Electric Company, Newark, N. J. Incandescent lamp. 169,466; June 19; Serial No. 173,577; published Mar. 27, 1923.

Nitrol Chemical Co., Not Inc. (See Giddings, Warren A.)

Nitrose Company, Peoria, Ill. Ready-mixed or paste paint. 172,247; Aug. 28; Serial No. 159,690½; published May 29, 1923.

Nix-Lix Co., The. (See Quast, Otto K.)

Nix Produce Company, Hastings, Fla. Fresh potatoes, 165,340; Mar 6; Serial No. 163,050; published Nov. 28, 1922.

Nix Produce Company, Hastings, Fla. Irish potatoes. 174,743; Oct. 23; Serial No. 165,300; published June 5, 1923.

No. 3 Safety Razor Company. (See Eklund, Isak.)

Noavo Laboratories, Los Angeles, Calif. Medicinal preparation used as a fat reducer. 176,208; Nov. 20; Serial No. 178,863; published Sept. 4, 1923.

Noblesville Milling Co., Noblesville, Ind. Wheat flour. 167,844; May 8; Serial No. 165,239; published Jan. 30, 1923.

Noblesville Milling Co., Noblesville, Ind. Self-rising flour. 168,897; May 29; Serial No. 167,731; published Jan. 30, 1923.

Noblesville Milling Co., Noblesville, Ind. Wheat flour 170,863; July 24; Serial No. 167,531; published Mar. 20, 1923.

Noblesville Milling Co., Noblesville, Ind. Wheat flour. 171,021; July 31; Serial No. 167,885; published Mar. 20, 1923.

Noblesville Milling Co., Noblesville, Ind. Wheat flour. 173,191; Sept. 18; Serial No. 167,730; published Mar. 20, 1923.

Noblesville Milling Co., Noblesville, Ind. Self-rising flour. 173,235–6; Sept. 18; Serial Nos. 166,566–7; published Mar. 20, 1923.

Noe-Equl Hosiery Mills, Inc., Reading, Pa. Hosiery. 171,725; Aug. 14; Serial No. 170,690; published May 15, 1923.

Noesting Pin Ticket Company, Incorporated, Mount Vernon, N. Y. Paper clips. 174,225; Oct. 9; Serial No. 180,805; published July 10, 1923.

Noggle, S. W., Company, The. (See Noggle, S. W.)

Noggle, S. W., doing business as The S. W. Noggle Company, Kansas City, Mo. Cake and pastry mixture. 170,805; July 24; Serial No. 169,773; published Feb. 27, 1923.

Noggle, S. W., doing business as The S. W. Noggle Company, Kansas City, Mo. Cake and pastry mixture. 172,736; Sept. 11; Serial No. 169,774; published May 1, 1923.

Noise Making Devices Company. (See Halpern, Irving J.)

Nolan Co., The, Greenville, Pa. Preparation for eczema, salt rheum, impetigo, etc. 168,445; May 22; Serial No. 170,535; published Feb. 20, 1923.

Nolan Malt Company, Cleveland, Ohio. Malt extract. 164,532; Feb. 20.

Nolan, William H., doing business as Royal-Rex Motors Company, Chicago, Ill. Taxicabs and motor trucks. 165,286; Mar. 6; Serial No. 152,683; published Nov. 7, 1922.

NoLance Chemical Company, New Brookland, S. C. Salves and ointments for boils, carbuncles, bone felons, etc. 172,704; Sept. 11; Serial No. 175,729; published May 29, 1923.

Nolen, Apiaries, The. (See Nolen, Lawrence R.)

Nolen, Lawrence R., doing business as The Nolen Apiaries, Kerens, Tex. Honey. No. 170,156; July 10; Serial No. 169,072; published Apr. 3, 1923.

Noliboff, Harry, New Haven, Conn. Cigars. 167,170; Apr. 24; Serial No. 171,652; published Feb. 6, 1923.

No-Liquid Door Check Company, The, Columbus, Ohio. Doorchecks. 177,275; Dec. 11; Serial No. 183,225; published Sept. 25, 1923.

Nolyec Laboratories, Chicago, Ill. Emulsion used in treating constipation. 177,159; Dec. 11; Serial No. 181,769; published Sept. 18, 1923.

Nolyec Laboratories, Chicago, Ill. Emulsion used in treating constipation. 177,167; Dec. 11; Serial No. 181,767; published Sept. 18, 1923.

No-Mor Products Co., Los Angeles, Calif. Liquid composition for exterminating insects. 176,446; Nov. 27; Serial No. 180,292; published Aug. 28, 1923.

Non-Crush Fruit Guard Company. (See Satake, Shuzo.)

Nonsuch Manufacturing Co. Limited, The, Toronto, Ontario, Canada. Polishes for metal and boots and shoes. 175,196; Oct. 30; Serial No. 175,207; published Aug. 7, 1923.

Norcross, Orville M., doing business as O. M. Norcross Co., Pemberton, N. J. Vegetable-oil liniment for relief of aches, pains, cuts, etc. 168,049; May 15; Serial No. 169,603; published Feb. 20, 1923.

Nordman, Ferdinand B., jr., Number Nine Plantation, Volusia County, Fla. Fruits, jellies, jams, sirups, etc. 176,122; Nov. 20; Serial No. 146,979; published Aug. 28, 1923.

Norflett, John C., doing business as Royal Progressive Company, Brooklyn, N. Y. General tonic. 173,421; Sept. 25; Serial No. 156,290; published June 26, 1923.

Norfolk Mattress Company, Inc., Norfolk, Va. Bed springs and bedsteads. 176,443; Nov. 27; Serial No. 180,547; published Sept. 11, 1923.

Normasal Chemical Co. (See Hatch, Robert A. B.)

Norris, Alister-Ball Company, The, Chicago, Ill. Watches, watch movements, and parts of watches. 176,783; Nov. 27.

Norris, Inc., Atlanta, Ga. Candy. 167,969; May 8.

Norristown Herald, Inc., Norristown, Pa. Periodical publication published daily. 169,059; June 5; Serial No. 171,431; published Mar. 13, 1923.

Norristown Herald, Inc., Norristown, Pa. Periodical publication published daily. 172,092; Aug. 21; Serial No. 176,910; published May 22, 1923.

Norristown Herald Printing and Publishing Co., Norristown, Pa. Periodical publication. 175,792; Nov. 13; Serial No. 179,738; published Aug. 28, 1923.

Norristown Hosiery Mills, Lansdale, Pa. Hosiery. 167,826; May 8; Serial No. 169,983; published Feb. 13, 1923.

North American Fur Dyeing Company, Newark, N. J. Fur skins. 169,859; July 3; Serial No. 171,883; published Apr. 3, 1923.

North American Honey Distributors. (See von Schuetz, Samuel F.)

North American Mercantile Co., Inc., San Francisco, Calif. Canned fish, fruit, and vegetables. 173,035; Sept. 11; Serial No. 174,909; published June 5, 1923.

North American Mercantile Co. Inc., San Francisco, Calif. Canned fruits, vegetables, and fish, dried fruits, etc. 171,536; Aug. 7; Serial No. 174,910; published May 8, 1923.

North American Mercantile Co., San Francisco, Calif. Rice. 176,996; Dec. 11; Serial No. 176,356; published Aug. 21, 1923.

North American Process Company, Inc., Malone, N. Y. Pneumatic tubes. 169,194; June 12; Serial No. 169,919; published Feb. 27, 1923.

North British Rubber Company, L't'd, Edinburgh, Scotland and London, England. Rubber-soled canvas shoes. 23,666; renewed Oct. 3, 1923.

North Bros. & Co., Baltimore, Md. Men's and boys' dress and negligee shirts. 169,572; June 19.

North Packing and Provision Company. Lard. 23,131; renewed May 30, 1923.

North Packing and Provision Company, Boston, Mass. Lard. 23,258; renewed June 27, 1923.

North Star Chemical Works, Inc., Lawrence, Mass. Leather preservatives. 174,121; Oct. 2; Serial No. 155,630; published June 5, 1923.

North St. Louis Planing Mill Co., St. Louis, Mo. Everything in builders' woodwork. 163,141; Jan. 2.

North Whittier Heights Citrus Ass'n., Puente and Hillgrove, Calif. Fresh citrus fruit. 163,529; Jan. 16.

North Whittier Heights Citrus Ass'n., Puente, Calif. Citrus fruits in their natural state. 164,735; Feb. 27.

North Whittier Heights Citrus Ass'n., Puente, Calif. Fresh citrus fruit. 165,986; Mar. 27; Serial No. 162,943; published Dec. 26, 1922.

Northam Warren Corporation, New York, N. Y. Manicure sets sold as a unit. 164,894–5; Feb. 27.

Northern Equipment Company, Erie, Pa. Feed-water regulators and pump governors. 174,511; Oct. 16; Serial No. 178,625; published July 24, 1923.

Northern Fruit Company. Tonasket, Wash. Fresh fruits and vegetables. 165,438; Mar. 13; Serial No. 165,705; published Jan. 2, 1923.

Northern Jobbing Company, Chicago, Ill. Soap. 168,900; May 29; Serial No. 166,900; published Feb. 27, 1923.

Northern Jobbing Company, Chicago, Ill. Wheat flour, oleomargarine, tapioca, etc. 177,098; Dec. 11; Serial No. 171,034; published Sept. 25, 1923.

Northern Paper Mills, Green Bay, Wis. Toilet paper. 169,174; June 12; Serial No. 169,074; published Mar. 20, 1923.

Northern Paper Mills, Green Bay, Wis. Toilet paper. 174,504; Oct. 16; Serial No. 180,717; published July 24, 1923.

Northfield Flour Mills Company, Northfield, Minn. Wheat flour. 172,765; Sept. 11; Serial No. 174,630; published June 5, 1923.

Northfield Flour Mills Company, Northfield, Minn. Wheat flour. 176,458–9; Nov. 27; Serial Nos. 176,423–4; published Aug. 21, 1923.

Northfield Flour Mills Company, Northfield, Minn. Wheat flour. 176,464; Nov. 27; Serial No. 176,422; published Aug. 21, 1923.

Northman Publishing Company, The. Portland, Oreg. Monthly magazine. 170,675; July 17; Serial No. 171,380; published Apr. 24, 1923.

Northside Process Co., The, Cincinnati, Ohio. Arch supports. 166,136; Mar. 27; Serial No. 144,408; published Nov. 7, 1922.

Northwest Chemical Co. (See Horst, Frederick F.)

Northwest Nitrox Company. (See Platt, E. F.)

Northwestern Bakers & Confectioners Co., Minneapolis, Minn. Sirup and fruit and phosphatic acids and colorings, extracts, and flavorings for beverage purposes. 177,369; Dec. 18; Serial No. 181,856; published Oct. 2, 1923.

Northwestern Blaugas Company, St. Paul, Minn. Naphthalene solvent for gas mains and services. 172,376; Aug. 28; Serial No. 156,593; published May 15, 1923.

Northwestern Bell Telephone Company, Des Moines, Iowa, and Omaha, Nebr. Monthly periodical. 173,721; Oct. 2; Serial No. 179,218; published June 26, 1923.

Northwestern Consolidated Milling Company, The, Minneapolis, Minn. Wheat flour. 167,627; May 1; Serial No. 167,483; published Dec. 19, 1922.

Northwestern Steel & Iron Works, Eau Claire, Wis. Steam-pressure cookers. 163,914; Feb. 6.

North-Western Trust & Savings Bank, Chicago, Ill. Publications and negotiable papers. 171,036; July 31; Serial No. 151,922; published Apr. 10, 1923.

Northwestern Yeast Company, Chicago, Ill. Yeast. 164,190; Feb. 13.

Northwestern Yeast Company, Chicago, Ill. Yeast vitamine product used as a tonic. 174,353; Oct. 16; Serial No. 177,318; published July 17, 1923.

Northwestern Yeast Company, Chicago. Ill. Yeast and vitamine food products which involves the use of yeast. 176,509; Nov. 27; Serial No. 164,658; published Aug. 14, 1923.

Norton, E. B. Remedy Company. (See Norton, Eva B.)

Norton, Eva B., doing business as E. B. Norton Remedy Company. Medical vaginal suppository. 167,350; May 1; Serial No. 152,180; published Dec. 26, 1922.

Norton, Willis, & Co., North Topeka, Kans. Wheat flour. 176,976; Dec. 11; Serial No. 179,949; published Sept. 18, 1923.

Norwalk Tire & Rubber Company, The, Norwalk, Conn. Elastic vehicle tires. 174,619; Oct. 23; Serial No. 179,315; published July 31, 1923.

Norwalk Vault Company, The, Norwalk, Ohio, Cement paint. 166,746; Apr. 10.

Norwich Pharmacal Company, The, Norwich, N. Y. Chemicals, medicines, and pharmaceutical preparations. 173,526; Sept. 25.

Norwood, Edwin P., Chicago, Ill. Serial story. 169,063; June 5; Serial No. 172,009; published Feb. 27, 1923.

Notaseme Hosiery Co., Philadelphia, Pa. Hosiery. 177,106; Dec. 11; Serial No. 173,104; published Sept. 25, 1923.

Nott, W. S., Company, Minneapolis, Minn. Pump leathers, cut lace, hose washers of leather, spiral packing of leather, etc. 163,142; Jan. 2.

Alphabetical list of registrants of trade-marks—Continued.

Nottage Company, The, Los Angeles, Calif. Men's and boys' work shirts and children's blouses and play suits. 177,406; Dec. 18; Serial No. 179,422; published Oct. 2, 1923.

Nottingham Lace Works, Jersey City, N. J., and New York, N. Y. Laces, handkerchiefs, embroideries, etc. 177,322; Dec. 18; Serial No. 179,317; published Sept. 25, 1923.

Novack, Harry J., doing business as Colloidal Laboratories, Philadelphia, Pa. Liquid iodine preparation. 174,075; Oct. 2; Serial No. 178,626; published July 10, 1923.

Novak, John, Company, Chicago, Ill. Powder for sore feet. 164,104; Feb. 13.

Novelty Cutlery Company, The, Canton, Ohio. Pocket and pen knives, dirks, razors, and ink erasers. 166,843; Apr. 17; Serial No. 168,781; published Jan. 23, 1923.

Novia Blouse Co, Inc. (See Beerman & Frank, Inc.)

Novocol Chemical Mfg. Co., Inc., Brooklyn, N. Y. Impression compound. 169,511; June 19; Serial No. 171,946; published Mar. 20, 1923.

Novocol Chemical Mfg. Co., Inc., Brooklyn, N. Y. Solution of suprarenal extract. 176,165; Nov. 20; Serial No. 177,319; published Aug. 7, 1923.

Nowak Milling Corporation, Hammond, Ind., and Buffalo, N. Y. Horse and mule feed. 170,904; July 24; Serial No. 170,780; published Mar. 13, 1923.

No-Worry Chemical Co. (See Cicetti, Federico.)

Noyes Comb Company, Binghamton, N. Y. Pocket and fine combs, barbers' and men's and women's dressing combs. 167,548; May 1; Serial No. 170,306; published Jan. 3, 1923.

Nubright Company, Concord, Calif. Washing powder. 168,738; May 29; Serial No. 170,893; published Feb. 13, 1923.

Nucoa Butter Company, The. (See Kandex Products, Incorporated, assignor.)

Nufur Manufacturing Company. (See Appleman, Leon.)

Nugrape Company of America, Atlanta, Ga. Beverages sold as soft drinks and sirups and extracts therefor. 164,168; Feb. 13.

Nu Grape Company of America, The, Atlanta, Ga. Non-alcoholic, maltless grape beverage. 171,157; July 31; Serial No. 176,276; published May 1, 1923.

Nu-Ka-Na Remedy Co. (See Rett, William F.)

Nu-Life Medicine Company. (See Spinks & McIlwain.)

Nuloid Corporation, Wilmington, Del., and New York, N. Y. Hard-rubber composition. 172,659; Sept. 11; Serial No. 174,668; published June 5, 1923.

Nulusta Company, Baltimore, Md. Shoe polish. 177,826; Dec. 25.

Nulyne Laboratories, Jackson, Mich. Tooth paste. 167,358; May 1; Serial No. 124,864; published Apr. 13, 1920.

Nu-Pep Company, The. (See Palmer, John W.)

Nu-Pep Laboratories. (See Buchanan, J. W.)

Nu-Shyne Sope-Olish Co., Philadelphia, Pa. Polishes for automobile bodies, furniture, pianos, etc. 168,287; May 15.

Nustone Products Corporation, New York, N. Y. Stationary laundry tubs. 166,731; Apr. 10.

Nut Lunch Company. (See Townsend, Glenn.)

Nu-Tone Products Co., Cascade, Mont. Phonograph-record renewer cleaning preparation. 167,903; May 8; Serial No. 168,851; published Jan. 2, 1923.

Nutting, Wallace, Incorporated, Ashland, Mass. Colored pictures or plot tinotypes. 171,854; Aug. 14; Serial No. 170,831; published May 1, 1923.

Nutting, Walter M., doing business as Nutting Truck Company, Faribault, Minn. Floor trucks. 170,547; July 17; Serial No. 173,240; published Apr. 17, 1923.

Nutwood Vineyard. (See Wood, H. W.)

Nu-Type Mfg. Company, The, Chicago, Ill. Mechanical pencils. 174,929; Oct. 23.

Nuway Company, The. (See Foster, Clyde C.)

Nu-Youth Chemical Laboratories, Columbus, Ohio. Compound for use as a tonic, nerve tissue, and vitality builder. 166,299; Mar. 27.

Nypros Steel Company, Philadelphia, Pa. Liquid used in heat-treating steel. 170,264; July 10; Serial No. 170,400; published Apr. 3, 1923.

O. D. Shirt Mfg. Co. (See Jaffe, Sam, & Son.)

O. K. Manufacturing Company. (See Welch and Woodsum.)

O. K. Patch Company, Bellville, Tex. Patch for tires. 168,544; May 29; Serial No. 158,579; published Nov. 14, 1922.

O. & T. Electric Corporation, New York, N. Y. Radio detector and amplifier tubes. 174,587; Oct. 23; Serial No. 180,293; published July 24, 1923.

Oak Grove General Sanitarium. (See Secoy, Edward A.)

Oard Radio Laboratories, doing business as Atlantic-Pacific Radio Supplies Company, Stockton, Calif. Radio receiving sets. 167,783; May 8; Serial No. 170,894; published Jan. 30, 1923.

Ober, Jacob, doing business as Loeb Dress Co., New York, N. Y. Periodical published monthly. 163,720; Jan. 23.

Ober, Jacob, doing business as Loeb Dress Co., New York, N. Y. Dresses for girls, juniors, and misses. 171,746; Aug. 14; Serial No. 166,848; published May 22, 1923.

Oberg, C. O., & Co.'s Aktiebolaget, Eskilstuna, Sweden. Files and rasps. 169,287; June 12; Serial No. 161,641; published Mar. 20, 1923.

Öberg, C. O., & Co.'s Aktiebolag, Eskilstuna, Sweden. Files and rasps. 171,822; Aug. 14; Serial No. 175,514; published May 8, 1923.

Oberman, D., Mfg. Co., Jefferson City, Mo. Overalls, jackets, and combination outer suits. 168,294; May 15.

Oberndorfer Company, The, Milwaukee, Wis. Rubber aprons. 171,307; Aug. 7; Serial No. 164,185; published May 1, 1923.

Obrecht, G. Fred, doing business as P. Fred'k Obrecht & Son, Baltimore, Md. Horse, poultry, hog, and dairy feed. 176,754; Nov. 27; Serial No. 175,405; published Aug. 7, 1923.

O'Brien, John J., Coggon, Iowa. Pump coupling. 171,803; Aug. 14; Serial No. 176,757; published May 8, 1923.

O'Callaghan & Fedden, Inc., New York, N. Y. Stockings. 173,581; Sept. 25.

O'Callaghan, Marguerite, New York, N. Y. Ladies' and children's dresses. 166,619; Apr. 10; Serial No. 169,180; published Jan. 2, 1923.

Ocha Company, The, Port Huron, Mich. Chicory. 164,941; Feb. 27.

Ocklawaha Nurseries, Lake Jem, Fla. Citrous trees and plants. 171,676; Aug. 7.

O'Connell, L. M., & Co. (See O'Connell, Louis M.)

O'Connell, Louis M., doing business as L. M. O'Connell & Co., Boston, Mass. Hair curlers, wavers, crimpers, and puffs. 168,927; May 29; Serial No. 174,098; published Mar. 13, 1923.

O'Connor & Hogan, Chicago, Ill. Toy desks. 164,750; Feb. 27.

O'Connor, Edward J., doing business as Moon Laboratories, St. Louis, Mo. Pharmaceutical preparation for the prevention and correction of vaginitis, leucorrhea, etc. 168,739; May 29; Serial No. 170,948; published Feb. 13, 1923.

O'Connor, Edward J., doing business as Moon Laboratories, St. Louis, Mo. Toilet preparations. 170,257; July 10; Serial No. 170,947; published Mar. 20, 1923.

O'Connor, Frederick A., doing business as Cremo Caramel Company, Toronto, Ontario, Canada. Candy. 171,692; Aug. 7.

O'Connor, T. J., & Sons, Incorporated, Baltimore, Md. Men's belts. 168,178; May 15; Serial No. 169,557; published Jan. 30, 1923.

O-Do-Less Products Co. (See Dismond, Henry B.)

Odontex Company, The. (See McCall, John O.)

Odor, Frank B., Coshocton, Ohio. Medicine for treatment of tuberculosis of the bone and like diseases. 176,283; Nov. 20; Serial No. 178,864; published Aug. 14, 1923.

Odorono Company, The, Cincinnati, Ohio. Preparations for reducing perspiration. 175,720; Nov. 6.

Oertel Roofing Manufacturing Company (now by change of name Stormcote Roofing Corporation), East St. Louis, Ill. Ready-mixed paint for roofing. 166,200; Mar. 27; Serial No. 162,441; published Nov. 28, 1922.

Oertel Roofing Manufacturing Company, now by change of name, Stormcote Roofing Corporation, East St. Louis, Ill. Roofing materials. 174,551; Oct. 23; Serial No. 162,442; published July 17, 1923.

Oertel Roofing Manufacturing Company (now by change of name Stormcote Roofing Corporation), East St. Louis, Ill. Rag fiber and asphalt roofing. 174,962; Oct. 30; Serial No. 160,149; published Aug. 7, 1923.

Offer, Karl, doing business as Vino-Sano Co., San Francisco, Calif. Preservatives. 164,432; Feb. 20.

Ogilvie, Jessica, doing business as Ogilvie Sisters, New York, N. Y. Liquid powder adapted for toilet use. 167,603; May 1; Serial No. 165,029; published Dec. 26, 1922.

Ogilvie Sisters. (See Ogilvie, Jessica.)

O'Hern, Joseph F., assignor to J. F. O'Hern, jr., Waltham, Mass. Certain named remedies. 24,726; renewed May 15, 1924.

Ohio Brass Company, The, Mansfield, Ohio. Ears, clamps, and hangers for suspending and supporting trolley wires, etc. 177,619; Dec. 25; Serial No. 182,547; published Oct. 9, 1923.

Ohio Confection Company, The, Cleveland, Ohio. Candy. 171,168; July 31; Serial No. 175,883; published May 15, 1923.

Ohio Confection Company, The, Cleveland, Ohio. Candy. 172,786; Sept. 11; Serial No. 162,763; published June 5, 1923.

Ohio Glove & Manufacturing Company, The, Columbus, Ohio. Gloves. 169,740; June 26.

Ohio Leather Company, The, Girard, Ohio. Leather. 169,049; June 5; Serial No. 165,977; published Mar. 13, 1923.

Ohio Spring Bed Company. (See Cleveland Wire Spring Company.)

Ohio Valley Coffee Co., The, Portsmouth, Ohio. Coffee. 175,357; Nov. 6; Serial No. 178,270; published Aug. 14, 1923.

Ohio Valley Refining Company, St. Marys, W. Va. Fuel oil. 164,717; Feb. 27.

Ohmer Fare Register Company, Dayton, Ohio. Fare recorders and registers, fare boxes and taximeters, etc. 171,651; Aug. 7.

Oichman, S., Trunk Company. (See Oichman, Solomon.)

Oichman, Solomon, doing business as S. Oichman Trunk Company, New York, N. Y. Leather, cloth, and fabric trunks and traveling bags. 164,176; Feb. 13.

Oil and Chemical Corporation, The, Chicago, Ill. Lubricating oils and greases, automobile fuel oils, cutting oils for treating metals. 170,714; July 24; Serial No. 138,722; published Apr. 24, 1923.

Oil Country Specialties Manufacturing Co., The, Coffeyville, Kans. Oil-well swabs, stuffing boxes, jerecki jets, wire-line sockets, and tongs. 174,797; Oct. 23; Serial No. 174,850; published July 24, 1923.

O-Jib-Wa's Indian Medicine Company. (See Shafe, Wilfred T.)

Oklahoma Garment Manufacturing Co., Oklahoma, Okla. Overalls, pants, shirts. 169,215; June 12; Serial No. 149,348; published Mar. 13, 1923.

Oklahoma Publishing Company, The, Oklahoma, Okla. Daily newspaper. No. 170,041; July 10; Serial No. 174,973; published Apr. 17, 1923.

Oklahoma Publishing Company, The, Oklahoma, Okla. Daily newspaper. 170,045; July 10; Serial No. 175,152; published Apr. 17, 1923.

Oklahoma Publishing Company, The, Oklahoma, Okla. Monthly magazine. 171,818; Aug. 14; Serial No. 175,266; published May 8, 1923.

Oklahoma Publishing Company, The, Oklahoma, Okla. Monthly magazine. 172,121; Aug. 21; Serial No. 175,265; published May 22, 1923.

O-Ko Remedy Products Co. (See Wojciechowski, Floryan P.)

Okuda, K., Livingston, Calif. Fresh grapes. 166,435; Apr. 3; Serial No. 164,067; published Jan. 16, 1923.

Old Colony Manufacturing Corporation, Taunton, Mass. Cotton yarns. 174,088; Oct. 2; Serial No. 180,237; published July 10, 1923.

Old Dominion Garment Company, Lynchburg, Va. Overalls. 164,227; Feb. 13.

Old Dutch Mills, Inc., New York, N. Y. Coffee. 170,220; July 10; Serial No. 153,256; published Dec. 5, 1922.

Old Dutch Mills, Inc., New York, N. Y. Cocoa, tea, and rice. 170,792; July 24; Serial No. 170,594; published Mar. 13, 1923.

Old Homestead Bread Company, The, Denver, Colo. Bread. 170,838; July 24; Serial No. 159,978; published Apr. 3, 1923.

Old Master Color Co., Provincetown, Mass. Tubed artist oil paints, water colors, etc. 172,217; Aug. 28; Serial No. 174,025; published May 29, 1923.

Oldach, William H., Inc., Philadelphia, Pa. Fancy patent hard-wheat flour. 173,239; Sept. 18; Serial No. 163,232; published Apr. 3, 1923.

Oldfield Tire Company, The, Akron, Ohio. Resilient vehicle tires and inner tubes. 163,143; Jan. 2.

Oldfield Tire Company, The, Akron, Ohio. Resilient vehicle tires and inner tubes of rubber or rubber and fabric. 165,922; Mar. 20.

Olga Incorporated, New York, N. Y. Bathing suits. 164,754; Feb. 27.

Olive Hosiery Mfg. Co., Shelby, N. C. Hosiery. 164,774; Feb. 27.

Oliveine Laboratories. (See Ehmann, Julius.)

Oliver Knitting Company, Philadelphia, Pa. Hosiery. 173,641; Oct. 2; Serial No. 152,443; published Mar. 28, 1923.

Oliver-Sherwood Co., San Francisco, Calif. Pumps, digesters, autoclaves, macerators, etc. 166,090; Mar. 27; Serial No. 164,256; published Dec. 5, 1922.

Olivette Laboratories, Inc., Providence, R. I. Toilet powder. 170,781; July 24; Serial No. 174,700; published Apr. 24, 1923.

Olle, Wm. B., Racine, Wis. Bicycle wheel rims. 165,916; Mar. 20.

Olmstead, Albert, doing business as The Powell and Albert Co., Philadelphia, Pa. Oil for use on floors and furniture. 163,521; Jan. 16.

Olmsted, Charles, San Francisco, Calif. Candied almonds. 171,344; Aug. 7; Serial No. 173,202; published May 22, 1923.

Olmsted, Leon A., doing business as United States Athletic Company, Chicago, Ill. Bicycles. 167,361; May. 1; Serial No. 170,664; published Jan. 23, 1923.

Olsen & Marggraf, Inc., Brooklyn, N. Y. Metal ceilings and side walls, pressed-brick siding, painted V-crimped roofing, etc. 169,316; June 12; Serial No. 169,922; published Feb. 27, 1923.

Olsen-Moller Manufacturing Company, Chicago, Ill. Brake compound. 172,107; Aug. 21; Serial No. 172,804; published May 1, 1923.

Olson Brothers Company, Minneapolis, Minn. Polishes for furniture, automobiles, etc. 170,721; July 24; Serial No. 173,203; published Apr. 24, 1923.

Olson Coffee Co., Omaha, Nebr. Coffee, tea, spices, flavoring extracts. 170,859; July 24; Serial No. 168,546; published Apr. 17, 1923.

Olson, Oscar E., doing business as Olson Manufacturing Co., Cleveland, Ohio. Tonic. 176,771; Nov. 27.

Olympia Canning Company, Olympia, Wash. Canned fruits. 168,374; May 22; Serial No. 169,076; published Feb. 27, 1923.

Olympia Canning Company, Olympia, Wash. Canned fruits. 168,535; May 22.

Olympia Canning Company, Olympia, Wash. Canned fruits. 168,615; May 29; Serial No. 169,082; published Mar. 6, 1923.

Olympia Canning Company, Olympia, Wash. Canned fruits and berries. 175,272; Oct. 30.

Olympia Knitting Mills, Inc., Olympia, Wash. Knitted sweaters, caps, toques, gloves, socks, etc. 168,209; May 15; Serial No. 153,616; published Jan. 30, 1923.

Olympia Manufacturing Co., New York, N. Y. Cotton goods, particularly cotton and silk shirting. 173,366; Sept. 18; Serial No. 175,153; published June 19, 1923.

Olympic Club, The, San Francisco, Calif. Periodicals. 177,338; Dec. 18; Serial No. 181,206; published Sept. 25, 1923.

Omaha Alfalfa Milling Company, Omaha, Nebr. Poultry feed. 165,273; Mar. 6; Serial No. 158,833; published Mar. 6; Nov. 7, 1922.

Omaha Alfalfa Milling Company, Omaha, Nebr. Horse feed. 165,425; Mar. 6; Serial No. 156,107; published Oct. 17, 1922.

Omaha Alfalfa Milling Company, Omaha, Nebr. Stock and poultry feed. 170,942; July 24; Serial No. 168,429; published Mar. 20, 1923.

Omaha Mercantile Company, The, Omaha, Nebr. Boys' overalls. 163,608; Jan. 23.

Omak Fruit Growers, Omak, Wash. Fresh apples. 174,148; Oct. 2.

Ombrelo, Inc., New York, N. Y. Storm protective covering. 168,162; May 15; Serial No. 165,757; published Feb. 6, 1923.

Ombrelo, Inc., New York, N. Y. Storm protective covering. 176,088; Nov. 13.

Oneal, J. W., Chemical Co., Adena, Ohio. Ointment used for colds, headache, sore throat, etc. 172,733; Sept. 11; Serial No. 174,257; published May 22, 1923.

One-4-All Polish Co. (See Rollini, Ferdinand.)

Oneida Community, Limited, Oneida, N. Y. Containers or cabinets for holding and displaying goods. 166,647; Apr. 10; Serial No. 164,066; published Jan. 23, 1823.

Oneida Community, Limited, Oneida, N. Y. Silver-plated flatware, tableware, and cutlery. 169,692; June 26.

Oneida Community, Limited, Oneida, N. Y. Silver-plated flatware, tableware, and cutlery. 171,326–7; Aug. 7; Serial Nos. 168,617–18; published Apr. 24, 1923.

Oneida Community, Limited, Oneida, N. Y. Silver-plated flatware, tableware, and cutlery. 171,329; Aug. 7; Serial No. 168,724; published Apr. 24, 1923.

Oneida Community, Limited, Oneida, N. Y. Silver-plated flatware, tableware, and cutlery. 172,853; Sept. 11; Serial No. 175,731; published May 29, 1923.

Oneida Community, Limited, Oneida, N. Y. Animal traps. 176,926; Dec. 4.

O'Neill, Peter L., doing business as Decorata Mfg. Co., Jersey City, N. J. Gold, bronze, and aluminum paints and finishing compounds. 166,374; Apr. 3; Serial No. 169,959; published Dec. 5, 1922.

Ontario Textile Company Incorporated, Chicago, Ill. Dolls. 164,902; Feb. 27.

Onward Manufacturing Company, Menasha, Wis. Furniture sliding shoes, being either a glass or hard-metal base with a metal stem. 167,262; Apr. 24; Serial No. 167,144; published Feb. 6, 1923.

Onyx Blouse Co. (See Finkelson, Max.)

"Onyx" Hosiery Inc., New York, N. Y. Children's hosiery. 177,528; Dec. 18; Serial No. 182,670; published Oct. 2, 1923.

Opax Products Company, Elyria, Ohio. Washing powder. 167,438; May 1; Serial No. 162,847; published Jan. 2, 1923.

Opazel Laboratories, Inc., New York, N. Y. Medicated cream for the treatment of wrinkles, acne, eczema, and all forms of skin eruptions. 167,604; May 1; Serial No. 164,942; published Dec. 26, 1922.

Oppenheimer Casing Co., Chicago, Ill. Salted and dried sausage casings of every description. 165,422; Mar. 6; Serial No. 154,526; published Dec. 5, 1922.

Oppenheimer, Herbert, doing business as Slenda Form Laboratories, New York, N. Y. Salve or cream recommended for the reduction of adipose tissue. 167,836; May 8; Serial No. 169,495; published Feb. 13, 1923.

Optical Products Corporation, New York, N. Y. Frames, rims, nose pieces, and celluloid appliances for eyeglasses. 176,575; Nov. 27; Serial No. 178,184; published Sept. 18, 1923.

Optical Specialty Manufacturing Company, Southbridge, Mass. Ophthalmic mountings and parts thereof. 174,178; Oct. 9; Serial No. 179,548; published July 10, 1923.

Optics Limited, London, England. Ophthalmic and spectacle lenses. 168,115; May 15; Serial No. 151,686; published Feb. 20, 1923.

Oral Laboratories. (See Poor, Roger A.)

Orange Crush Company, Chicago, Ill. Beverages and compounds and concentrates for making the same. 174,146; Oct. 2.

Orangevale Fruit Growers Exchange, Orangevale Colony, Calif. Fresh and deciduous fruits. 174,763; Oct. 23; Serial No. 168,782; published Aug. 14, 1923.

Orchard Drug Co., Lynchburg, Va. Emulsion petroleum used in throat, lung trouble, bronchitis, bronchial catarrh, etc. 170,926–1; July 24; Serial Nos. 165,807–8; published Apr. 24, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Orchard Paper Company, St. Louis, Mo. Twine. 172,340; Aug. 28; Serial No. 179,053; published May 29, 1923.
O'Rear, Robert E., doing business as John D. Bear Company, Clearbrook, Va. Emulsion of petroleum combined with hypophosphites. 170,426; July 17; Serial No. 172,051; published Apr. 10, 1923.
Oregon Brass Works, Portland Oreg. Bearing bronze. 171,813–4; Aug. 14; Serial Nos. 178,274–5; published May 15, 1923.
Oregon Brass Works, Portland, Oreg. Journal bearings. 174,057; Oct. 2; Serial No. 178,273; published July 10, 1923.
Oregon Growers Cooperative Association, Salem, Oreg. Canned fruits and vegetables. 173,615; Oct. 2; Serial No. 167,411; published July 3, 1923.
Oregon Growers Cooperative Association, Salem, Oreg. Canned fruits and vegetables. 173,636; Oct. 2; Serial No. 167,412; published July 3, 1923.
Oregon Growers Cooperative Association, Salem, Oreg. Canned fruits. 173,852; Oct. 2; Serial No. 174,851; published July 3, 1923.
Orent's Department Store, Inc., doing business as Sagamore Commission Co., Sagamore, Mass., and New York, N. Y. Underwear and hosiery. 175,761; Nov. 13; Serial No. 171,136; published Aug. 28, 1923.
Organic Preparations Co. Inc., Brooklyn, N. Y. Liquid preparation, remedy, or tonic for nervous diseases, etc. 175,574; Nov. 6; Serial No. 181,040; published Aug. 21, 1923.
Organ-Iron Medicine Company, Omaha, Nebr. Medicine used for tonic, laxative pills in cases of constipation, biliousness, etc. 164,100; Feb. 13.
Organ-Iron Medicine Company, Omaha, Nebr. Medicines used in cases of colds, grippe, influenza, headache, neuralgia, and rheumatism. 164,101; Feb. 13.
Organ-Iron Medicine Company, Omaha, Nebr. Medicine used in cases of stomach, liver, and bladder trouble, etc. 174,062; Oct. 2; Serial No. 178,459; published July 10, 1923.
Organ-Iron Medicine Company, Omaha, Nebr. Medicine used in cases of rheumatism, sciatica, etc. 174,063; Oct. 2; Serial No. 178,460; published July 10, 1923.
Organ-Iron Medicine Company, Omaha, Nebr. Medicine used in cases of kidney and bladder troubles, etc. 174,064; Oct. 2; Serial No. 178,461; published July 10, 1923.
Organ-Iron Medicine Company, Omaha, Nebr. Medicine used in cases of inflammation, ulceration, and discharges of the urinary tract. 176,410; Nov. 27; Serial No. 178,458; published Aug. 7, 1923.
Oriental Notions Company, New York, N. Y. Hair nets. 173,896; Oct. 2; Serial No. 177,019; published June 26, 1923.
Oriental Silk Printing Company, Haledon, N. J., and New York, N. Y. Silk, cotton, cotton and silk piece goods. 165,578; Mar. 13; Serial No. 162,439; published Dec. 26, 1922.
Oriental Silk Printing Company, Haledon, N. J., and New York, N. Y. Silk, cotton and silk, and silk and wool goods in the piece. 166,992; Apr. 17.
Oriental Trading Co., San Francisco, Calif. Teas. 164,959; Feb. 27.
Original Ry-Krisp Co., The, Minneapolis, Minn. Bread. 172,490; Aug. 28.
Oriole Shirt Manufacturing Corporation, New York, N. Y. Men's dress and negligee shirts. 177,276; Dec. 11; Serial No. 183,160; published Sept. 25, 1923.
Orkin, J. B., Corp., New York, N. Y. Ladies' wearing apparel. 172,153; Aug. 21.
Ormerod, John, & Sons Ltd., Castleton, England. Leather roller skins. 175,185; Oct. 30; Serial No. 181,144; published Aug. 7, 1923.
Ormerod, John, & Sons, Ltd., Castleton, England. Leather belting. 176,720; Nov. 27; Serial No. 170,832; published Sept. 11, 1923.
Orono Pulp & Paper Company, Bangor, Me. Wrapping paper. 173,043; Sept. 11; Serial No. 179,549; published June 5, 1923.
Orosz, John, Adena, Ohio. Blood-cleaning liquid. 176,317; Nov. 20; Serial No. 179,011; published Aug. 14, 1923.
Orthmann, Henry A., Brooklyn, N. Y. Mayonnaise dressing. 168,470; May 22; Serial No. 167,582; published Feb. 13, 1923.
Ortho Manufacturing Company, Inc., New York, N. Y. Liquid dentifrice, a pharmaceutical preparation. 174,474; Oct. 16; Serial No. 178,276; published July 10, 1923.
Osakeyhtio Savo, Ltd., Kuopio, Finland. Matches. 175,003; Oct. 30; Serial No. 171,864; published Aug. 14, 1923.
Osborn Manufacturing Company, The, Cleveland, Ohio. Brushes for household use. 167,175; Apr. 24; Serial No. 172,010; published Jan. 9, 1923.
Osborn Paper Company, Marion, Ind. Writing tablets, writing and printing paper, mailing and correspondence envelopes, etc. 166,137; Mar. 27; Serial No. 146,587; published Nov. 14, 1922.
Osborn Paper Company, Marion, Ind. Writing tablets, composition books, etc. 175,965; Nov. 13; Serial No. 173,295; published Aug. 28, 1923.
Osborne, Owen, Philadelphia, Pa. Stockings. 164,215; Feb. 13.
Osceola Knitting Mills. (See Bergman, Adolph.)
Oshkosh Overall Company, Oshkosh, Wis. Overalls, work shirts, and jackets. 168,000; May 8.
Os-Jaco Braided Line Co., Pawtucket, R. I. Fishlines. 177,491; Dec. 18; Serial No. 182,987; published Oct. 2, 1923.
Osman, John, Atlanta, Ga. Intestinal regulator. 173,442; Sept. 25; Serial No. 174,407; published June 26, 1923.
Ost Apothecary, Inc., Atlantic City, N. J. Medicated alcohol. 163,144; Jan. 2.
Osterberg, Gustav M., doing business as G. M. Osterberg & Sons, New York, N. Y. Elevator-rail oilers. 171,886; Aug. 14; Serial No. 172,551; published May 8, 1923.
Osterweil Bros. Inc., Newark, N. J. Trunks. 174,226; Oct. 9; Serial No. 180,771; published July 10, 1923.
Ostra Corporation, The, New York, N. Y. Sprayers for medicinal use. 170,509; July 17; Serial No. 172,954; published Apr. 17, 1923.
Oswego River Paper Mills, Phoenix, N. Y. Toilet paper. 165,315; Mar. 6; Serial No. 166,709; published Nov. 28, 1922.
Otello and Bitmo Corporation, New York, N. Y. Liquid ready-mixed paints and varnishes. 164,856; Feb. 27.
Otis Chemical Company, (Not Inc.), Chicago, Ill. Lubricating compounds and greases. 174,215; Oct. 9; Serial No. 181,087; published July 10, 1923.
Otis Elevator Company, Jersey City, N. J., and New York, N. Y. Elevators, escalators, endless carriers, etc. 169,693; June 26.
Otis Elevator Company, Jersey City, N. J., and New York, N. Y. Elevators, escalators, endless carriers, etc. 169,713; June 26.
Otis Orchards Apple Company, Otis Orchards, Wash. Fresh apples. 172,770; Sept. 11; Serial No. 173,361; published June 5, 1923.
Otoy, C. M., & Co., Los Angeles, Calif. Fresh cantaloupes. 172,629; Sept. 11; Serial No. 153,687; published Aug. 22, 1922.
Ottenad-Plochman Manufacturing Company, St. Louis, Mo. Laundry washing machine. 165,006; Feb. 27.
Ottenheimer, Reuben E., doing business as The Reol Refrigerator Co., Baltimore, Md. Refrigerators and refrigerator show cases. 171,345; Aug. 7; Serial No. 173,204; published Apr. 24, 1923.
Ottens, Henry H., Mfg. Co. Inc., Philadelphia, Pa. Beverages sold as soft drinks and extracts and sirups for making same. 171,958; Aug. 14.
Otterburn Mill Limited, Carlisle, England. Woven woolen cloth in the piece. 163,880; Feb. 6.
Ottmann, Wm., & Company, New York, N. Y. Pickled pork products and pickled beef products. 163,443. Jan. 9.
Ouillette, Paul, doing business as Fort Kent Drug Company, Fort Kent, Me. Pills for use as a blood purifier and system tonic. 175,639; Nov. 6; Serial No. 179,675; published Aug. 14, 1923.
Our Home Granula Co., assignor to Our Home Granula Company, Danville, N. Y. Cooked granulated wheat. 24,131; renewed Jan. 30, 1924.
Outing Talking Machine Co. Inc., Mount Kisco, N. Y. Phonographs. 169,414; June 12.
Oval Wood Dish Corporation, Tupper Lake, N. Y. Wooden plates. 170,180; July 10; Serial No. 176,204; published Apr. 10, 1923.
Overland Pharmacy Co., Boise, Idaho. Natural clay prepared for use in cleansing the skin and pores. 172,392; Aug. 28; Serial No. 168,121; published May 15, 1923.
Overman Cushion Tire Company, Inc., New York, N. Y. Rubber tires. 168,241–3; May 15; Serial Nos. 167,093–5; published Jan. 30, 1923.
Overton, Anthony, doing business as The Overton-Hygienic Mfg. Co., Chicago, Ill. Toilet preparations. 173,245; Sept. 18; Serial No. 160,560; published Nov. 28, 1922.
Owbridge, W. T., Limited, Hull, England. Medicine for the treatment of coughs, colds, etc. 164,435; Feb. 20.
Owego Corset Company, Inc., Owego, N. Y. Corsets, girdles, bandeaux, and brassières. 170,727; July 24; Serial No. 172,899; published Apr. 24, 1923.
Owen, C. M., Los Angeles, Calif. Tablets, lotions, silver-nitrate sticks, capsicum plasters, powders, etc. 174,514; Oct. 16; Serial No. 178,277; published July 24, 1923.
Owen-Dyneto Corporation, Syracuse, N. Y. Electric generators, dynamos, motors, electric ignition apparatus, etc. 176,069; Nov. 13; Serial No. 181,611; published Sept. 4, 1923.
Owen, Frank L., San Francisco, Calif. Fresh citrus fruits—viz, grapefruit. 163,381; Jan. 9.
Owens Bottle Company, The, Toledo, Ohio. Bottles made of glass. 166,961; Apr. 17.
Owens Bottle Company, The, Toledo, Ohio. Package of sterilized glass bottles. 168,488; May 22.
Owens, Michael, St. Louis, Mo. Men's and boys' suits. 168,174; May 15; Serial No. 168,547; published Feb. 6, 1923.
Owensboro Milling Co., Owensboro, Ky. Hen scratch, chick scratch, laying mash, dairy feed, and horse feed. 172,562; Sept. 11; Serial No. 170,895; published May 1, 1923.

Owenwood Oil Corporation, Wilmington, Del., and Fort Worth, Tex. Oils and greases. 166,351; Apr. 3; Serial No. 140,959; published Jan. 9, 1923.
Owl Drug Company, The, San Francisco, Calif. Gasoline and benzine. 164,709; Feb. 27.
Owl Drug Company, The, San Francisco, Calif. Canvas-shoe dressing and cleaner. 169,934; July 3.
Owl Drug Company, The, San Francisco, Calif. Bird-seed, flavoring extract, fish food, olive oil, etc. 176,859; Dec. 4; Serial No. 166,400; published Sept. 11, 1923.
Oxford-Print, Boston, Mass. Wooden structure provided with seats in the nature of a merry-go-round. 177,430; Dec. 18; Serial No. 144,246; published Oct. 2, 1923.
Oxo, Limited, London, England. Extract of meat, tongues, meat meal, a food for cattle, and preserved meat. 166,084; Mar. 27; Serial No. 157,897; published Oct. 17, 1922.
Oxo, Limited, London, England. Soups and preparations for making. 177,039; Dec. 11; Serial No. 157,898; published Sept. 25, 1923.
Oyler, Chas. C., & Son, Cincinnati, Ohio. Fresh citrous fruits. 168,878; May 29; Serial No. 169,863; published Mar. 13, 1923.
Oyler, Chas. C., & Son, Cincinnati, Ohio, doing business as The Eustis Packing Co., Eustis, Fla. Fresh citrous fruits. 176,989; Dec. 11; Serial No. 179,482; published Sept. 25, 1923.
Ozark Chemical Co. (See Lambert, Virginia C. B.)
O-Zo Laboratory, Chicago, Ill. Liquid polish for automobiles and furniture. 163,721; Jan. 23.
P-K Manufacturing Company, The, Cleveland, Ohio. Water-power beater and whipper. 176,669; Nov. 27: Serial No. 182,257; published Sept. 11, 1923.
P. & M. Company, The, Chicago, Ill. Rail anchors or anticreepers. 169,002–3; May 29.
P. & M. Company, Chicago, Ill. Rail anchors or anti-creepers. 177,413; Dec. 18; Serial No. 180,238; published Oct. 2, 1923.
P. R. K. Chemical Co. Inc., Frankfort, Ind. Composition for the removal of paint, varnish, and the like. 170,930; July 24; Serial No. 162,765; published Oct. 3, 1922.
P. & S. Laboratories. (See Stinson, Lyman A.)
Pabst Corporation, doing business as Pabst, Milwaukee, Wis. Table water. 172,188; Aug. 21.
Pabst Corporation, Milwaukee, Wis. Cereal beverage and beer. 174,537; Oct. 16.
Pabst Corporation, Milwaukee, Wis. Malt cereal beverages sold as a soft drink. 174,542; Oct. 16.
Pabst Corporation, Milwaukee, Wis. Beverage sold as a soft drink. 177,339; Dec. 18; Serial No. 181,210; published Oct. 2, 1923.
Pabst Corporation, Milwaukee, Wis. Table water and root beer and nonalcoholic, maltless fruit-flavored soft drinks. 177,340; Dec. 18; Serial No. 181,215; published Oct. 2, 1923.
Pacault, Ernestine J. G., Forest-Brussels, Belgium. Electrical apparatus. 167,714; May 8; Serial No. 138,019; published Jan. 23, 1923.
Pacent Electric Company, Incorporated, New York, N. Y. Electrical apparatus more particularly for connector plugs for radio telephone and similar purposes. 163,878; Feb. 6.
Pacent Electric Company, New York, N. Y. Electrical apparatus, more particularly transformers. 165,175; Mar. 6; Serial No. 170,670; published Dec. 19, 1922.
Pacent Electric Company, Incorporated, New York, N. Y. Electrical apparatus, more particularly transformers for radio telephone and telegraph and similar purposes. 165,181; Mar. 6; Serial No. 169,319; published Dec. 19, 1922.
Pacent Electric Company, Incorporated, New York, N. Y. Jacks for radio telephone and telegraph and similar purposes. 171,274; July 31.
Pacent Electric Company, Incorporated, New York, N. Y. Connector plugs for radio telephone and telegraph and similar purposes. 171,275; July 31.
Pacent Electric Company, New York, N. Y. Control dials for use with radio apparatus. 172,999; Sept. 11; Serial No. 177,241; published June 5, 1923.
Pachner, I., & Son, Inc., New York, N. Y. Articles of ladies' apparel. 163,609; Jan. 23.
Pachner, I., & Son, Inc., New York, N. Y. Articles of men's and ladies' apparel. 171,737; Aug. 14; Serial No. 169,737½; published May 22, 1923.
Pachner, I., & Son, Inc., New York, N. Y. Articles of ladies' apparel. 177,273; Dec. 11; Serial No. 183,342; published Sept. 25, 1923.
Pacific Bone Coal & Fertilizing Company, San Francisco, Calif. Fertilizers. 166,326–7; Mar. 27.
Pacific Children's Wear Mfg. Co. (See Schwartz, Jacob.)
Pacific Clay Products Co., Los Angeles, Calif. Pressed, glazed, enameled, ruffled, and fire brick, fire clay, etc. 167,519; May 1; Serial No. 165,714; published Jan. 30, 1923.
Pacific Clay Products Co., Los Angeles, Calif. Vitrified salt-glazed sewer pipe, tile water pipe, tile conduit pipe, etc. 167,520; May 1; Serial No. 165,715; published Jan. 30, 1923.
Pacific Coast Biscuit Company, Seattle, Wash. Candied pop corn. 163,610; Jan. 23.
Pacific Coast Biscuit Company, Seattle, Wash. Candy. 164,545; Feb. 20.
Pacific Coast Biscuit Company, Seattle, Wash. Candy. 166,234; Mar. 27; Serial No. 165,304; published Dec. 5, 1922.
Pacific Coast Biscuit Company, Seattle, Wash. Cakes. 166,333. Mar. 27.
Pacific Coast Biscuit Company, Seattle, Wash. Candy. 166,431; Apr. 3; Serial No. 164,188; published Dec. 19, 1922.
Pacific Coast Biscuit Company, Seattle, Wash. Crackers. 167,128; Apr. 24; Serial No. 165,409; published Dec. 12, 1922.
Pacific Coast Biscuit Company, Seattle, Wash. Candies. 170,443; July 17; Serial No. 172,119; published Apr. 10, 1923.
Pacific Coast Biscuit Company, Seattle, Wash. Fancy cookies. 172,971; Sept. 11; Serial No. 174,854; published June 5, 1923.
Pacific Coast Biscuit Co., Seattle, Wash. Crackers and cookies. 173,153; Sept. 18; Serial No. 151,284; published Dec. 26, 1922.
Pacific Coast Rubber & Supply Co., San Francisco, Calif. Transmission lining. 173,066; Sept. 11.
Pacific Fire Extinguisher Company, San Francisco, Calif. Fire-prevention apparatus and systems and parts thereof. 169,231; June 12; Serial No. 167,414; published Jan. 9, 1923.
Pacific Foundry Company, San Francisco, Calif. Metal castings. 177,257; Dec. 11; Serial No. 183,850; published Sept. 25, 1923.
Pacific Gas Radiator Co., Los Angeles, Calif. Gas radiators. 166,141; Mar. 27; Serial No. 157,386; published Feb. 21, 1922.
Pacific-Italian Trading Corporation, San Francisco, Calif. Fresh and dehydrated grapes. 175,766; Nov. 13; Serial No. 177,046; published Aug. 28, 1923.
Pacific Knitting Mills, Inc., Los Angeles, Calif. Bathing suits and sweaters. 163,611; Jan. 23.
Pacific Malt & Hop Co. Inc., Brooklyn, N. Y. Pure malt extract for food purposes. 177,507; Dec. 18; Serial No. 152,767; published Sept. 18, 1923.
Pacific Mercantile Co. (See Muller, Frank F.)
Pacific Mills, Lawrence and Boston, Mass. Twill cotton draperies. 168,986; May 29.
Pacific Mills, Lawrence and Boston, Mass. Cotton piece goods. 169,864; July 3; Serial No. 175,677; published Apr. 3, 1923.
Pacific Mills, Lawrence and Boston, Mass. Sheetings and shirtings. 171,448; Aug. 7; Serial No. 158,725; published May 8, 1923.
Pacific Mills, Lawrence and Boston, Mass. Cotton piece goods. 173,360; Sept. 25; Serial No. 180,139; published July 3, 1923.
Pacific Mills, Lawrence and Boston, Mass. Yarns. 174,028; Oct. 2; Serial No. 176,499; published June 19, 1923.
Pacific Novelty Company, New York, N. Y. Combs and barrettes. 173,772; Oct. 2; Serial No. 176,851; published May 29, 1923.
Pacific Radio Publishing Co., Inc., San Francisco, Calif. Monthly publication. 174,728; Oct. 23; Serial No. 161,747; published July 31, 1923.
Pacific Rim Tool Co. (See Kennedy, William T.)
Pacific Seed House. (See Colorado Milling & Elevator Company.)
Package Confectionery, Boston, Mass. Candy. 164,808; Feb. 27.
Package Paper & Supply Corporation, Springfield, Mass. Wrapping paper, particularly bread wrappers. 171,535; Aug. 7; Serial No. 177,923; published May 8, 1923.
Packard, M. A., Company, Brockton, Mass. Shoes made wholly or in part of leather. 169,384; June 12; Serial No. 171,865; published Mar. 20, 1923.
Packard Motor Car Company of New York, New York, N. Y. Rubber tubes for pneumatic tires. 174,849; Oct. 23; Serial No. 177,510; published July 31, 1923.
Pacquin, Inc., New York, N. Y. Skin-cleansing tonic and massage cream. 172,371; Aug. 28; Serial No. 159,813; published Oct. 10, 1922.
Pactwell Food Products Co. (See Hamilton, William H.)
Pacz, Aladar, Cleveland Heights, Ohio. Aluminum alloys. 169,277; June 12; Serial No. 144,977; published Mar. 27, 1923.
Paducah Hosiery Mills Inc., Paducah, Ky. Boys' and misses' hose. 163,612; Jan. 23.
Paetsch, Henry F., Pasadena, Calif. Breakfast cereal. 170,864; July 24; Serial No. 167,486; published Mar. 20, 1923.
Page, Carroll S., Hyde Park, Vt. Commercial fertilizers. 166,311; Mar. 27.
Page, Joseph G., doing business as J. G. Page Chemical Co., Buffalo, N. Y. Preparation for dandruff, eczema, and falling hair. 177,316; Dec. 18; Serial No. 180,294; published Sept. 25, 1923.
Page, Percy E., New York, N. Y. Face powders and creams, perfumes, toilet waters, rouges, etc. 172,876; Sept. 11; Serial No. 175,941; published May 29, 1923.
Page & Shaw, Incorporated, Cambridge, Mass. Transparent containers for food products. 174,213; Oct. 9; Serial No. 179,424; published July 3, 1923.
Page Steel & Wire Company, Adrian, Mich., and Bridgeport, Conn. Base-metal wire. 170,465; July 17; Serial No. 162,646; published Apr. 17, 1923.

Pagoda Import Company, Inc., Brooklyn, N. Y. Hair curlers. 171,647; Aug 7.
Pagonis, George, doing business as George Pagonis Co., New York, N. Y. Hair tonic, toilet waters, colognes, and cold creams. 168,276; May 15; Serial No. 168,725; published Feb. 13, 1923.
Paine & Williams Company, The, Cleveland, Ohio. Rubber matting. 174,436; Oct. 16; Serial No. 178,060; published July 3, 1923.
Painters Supply Co. (See Drabek, Charles.)
Painters Supply Company. (See Craigie, Robert E.)
Painesville Metallic Binding Co., The. (See Alden, Clarence J.)
Pal Medicine Co., Boston, Mass. Laxative for colds, headaches, la grippe, and constipation. 172,185; Aug. 21.
Palisade Manufacturing Company, The, Yonkers, N. Y. Soap. 173,886; Oct. 2; Serial No. 176,357; published July 10, 1923.
Palise, Joseph, doing business as Champion Specialties Co., Brooklyn, N. Y. Liquid polish and shellac. 176,543; Nov. 27; Serial No. 183,226; published Sept. 18, 1923.
Pallady Welding & Manufacturing Company, Seattle, Wash. Soldering flux. 167,840; May 8; Serial No. 168,548; published Feb. 13, 1923.
Palmer-Bee Company, Detroit, Mich. Speed reducers, shaft couplings, friction clutches, hoists, etc. 172,318; Aug. 28; Serial No. 176,359; published May 29, 1923.
Palmer Candy Co., Sioux City, Iowa. Candy. 165,865; Mar. 20; Serial No. 165,301; published Jan. 2, 1923.
Palmer Candy Co., Sioux City, Iowa. Candy. 168,821; May 29; Serial No. 170,152; published Mar. 13, 1923.
Palmer Candy Company, Souix City, Iowa. Candy. 171,962; Aug. 14.
Palmer, John W., doing business as The Nu-Pep Company, Chicago, Ill. Nonalcoholic beverages. 176,415; Nov. 27; Serial No. 180,386; published Sept. 18, 1923.
Palmer, Marion C., doing business as Marolyn Extract Co., Lynn, Mass. Vanilla extract. 169,249; June 12; Serial No. 170,731; published Mar. 27, 1923.
Palmer, P. S., Company, The, Bridgeport, Conn. Device for uniformly mixing the charge before exploding it in internal-combustion engines. 168,720; May 29; Serial No. 171,764; published Feb. 27, 1923.
Palmer Photoplay Corporation, Los Angeles, Calif. Prints and publications. 171,738; Aug. 14; Serial No. 169,645; published May 22, 1923.
Palmer, Walter C., doing business as W. R. Palmer & Co., Cincinnati, Ohio. Mops. 174,549; Oct. 16.
Palmer, William T., & Company, Inc., New York, N. Y. Crochet twist. 163,145; Jan. 2.
Palmer, William T., & Company, Inc., New York, N. Y. Elastic webbings, tapes, bindings, braids, etc. 163,964; Feb. 6.
Palmer, William T., & Company, Inc., New York, N. Y. Neckbands. 164,981; Feb. 27.
Palmer, William T., & Company, Inc., New York, N. Y. Toothbrushes. 167,032; Apr. 24; Serial No. 171,183; published Jan. 9, 1923.
Palmetto Coffee Co., Inc., Dover, Del., and Washington, D. C. Coffee. 169,380; June 12; Serial No. 171,381; published Mar. 27, 1923.
Palmolive Company, The, Milwaukee, Wis. Face powder. 172,851; Sept. 11; Serial No. 175,942; published June 5, 1923.
Palumbo, J. C., Pavette, Idaho. Fresh apples. 176,522; Nov. 27; Serial No. 182,928; published Sept. 18, 1923.
Pamlico Cottons, Ltd., New York, N. Y. Cretonnes, tapestries, and draperies in the piece. 173,154; Sept. 18; Serial No. 150,464; published June 19, 1923.
Panaterra Remedy and Manufacturing Company. (See Alexander, Max.)
Panoulias, Panayiotis D., doing business as The American Chocolate Almond Co., Jersey City, N. J. Nonconstipating health chocolate food product. 176,512; Nov. 27; Serial No. 164,449; published Sept. 11, 1922.
Panyard Machine & Mfg. Company, Detroit, Mich. Piston rings. 163,522; Jan. 16.
Paoha Island Works. (See McPherson, Wallis D.)
Paper Mills' Company, The, Chicago, Ill. Book and printing paper, bristol board and post-card bristol board. 165,324; Mar. 6; Serial No. 169,222; published Dec. 5, 1922.
Paper Novelty Company, The, Green Bay, Wis. Package of paper napkins. 177,538; Dec. 18; Serial No. 183,717; published Oct. 2, 1923.
Paper Service Co., Inc., Hinsdale, N. H. Roll toilet paper. 165,320; Mar. 6; Serial No. 167,996; published Nov. 7, 1922.
Paperbrella Co., The, New York, N. Y., assignor to Paperbrella Corporation. Umbrellas. 168,339; May 22; Serial No. 155,697; published Feb. 6, 1923.
Paperbrella Corporation. (See Paperbrella Co., assignor.)
Papercan Corporation, Yonkers, N. Y. Paper containers. 163,444; Jan. 9.
Papp, Abraham, doing business as Auto Spring Protector Co., Boston, Mass. Auto spring protectors. 165,134; Mar. 6; Serial No. 151,958; published Dec. 5, 1922.
Papyrus Company, The, Kenilworth, N. J. Crape paper. 177,499; Dec. 18; Serial No. 182,221; published Sept. 18, 1923.
Paradiso, Vincenzo G., Passaic, N. J. Pianos. 175,211; Oct. 30.
Paraffine Companies, Inc., The, San Francisco, Calif. Waterproof and weatherproof roofings. 163,146; Jan. 2.
Paraffine Companies, Inc., The, San Francisco, Calif. Egg-case fillers, ice cream and oyster pails, cartons, folding and stiff boxes, etc. 165,203; Mar. 6; Serial No. 167,193; published Dec. 12, 1922.
Paraffine Companies, Inc., The, San Francisco, Calif. Heavy paper, paper box boards, and fiber boards. 165,613; Mar. 13; Serial No. 167,192; published Dec. 12, 1922.
Paraffine Companies, Inc., San Francisco, Calif. Plastic compound composed principally of asphalt or bitumen. 165,913; Mar. 20.
Paraffine Companies, Inc., The, San Francisco, Calif. Varnish. 166,382; Apr. 3; Serial No. 169,683; published Dec. 5, 1922.
Paraffine Companies, Inc., The, San Francisco, Calif. Folding boxes. 168,045; May 15; Serial No. 173,205; published Feb. 20, 1923.
Paraffine Companies, Inc., The, San Francisco, Calif. Flat undercoat paint. 176,544; Nov. 27; Serial No. 183,588; published Sept. 18, 1923.
Paraffine Companies, Inc., The, San Francisco, Calif. Flat undercoat paint. 176,545; Nov. 27; Serial No. 183,591; published Sept. 18, 1923.
Paragon Hat Company, Chicago, Ill. Men's straw and felt hats. 166,658; Apr. 10; Serial No. 164,665; published Jan. 9, 1923.
Paralite Company, The, Cleveland, Ohio. Aluminum alloy. 168,552; May 29; Serial No. 160,150; published Feb. 20, 1923.
Paramount Knitting Company, The, assignor to Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 166,977; Apr. 17.
Paramount Knitting Company, The, assignor to Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 175,948; Nov. 13; Serial No. 172,650; published Aug. 28, 1923.
Paramount Lens Corporation. (See Tromba, Marius H.)
Paramount Paint & Varnish Co., Philadelphia, Pa. Ready-mixed paint. 170,047; July 10; Serial No. 175,208; published Apr. 10, 1923.
Paramount Paint & Varnish Co., Philadelphia, Pa. White paint enamel. 170,048; July 10; Serial No. 175,209; published Apr. 19, 1923.
Paramount Specialty Co. (See Reiss, Fred.)
Parched Wheat Co., The, Fostoria, Ohio. Breakfast cereal. 170,967; July 24.
Parfait Powder Puff Co. (See Newman, Hardy & Co.)
Parfumerie Caron. (See Daltroff, E., & Cie.)
Parfumerie Lubin. (See Prot, Paul, & Cie.)
Parfumerie Pavane, New York, N. Y. Bath powders. 169,790; July 3; Serial No. 168,900; published Mar. 20, 1923.
Parfumerie Roger et Gallet, Paris, France. Pastes and powders for beautifying and preserving the teeth, skin, and hair, and perfumery. 169,832; July 3; Serial No. 173,141; published Mar. 20 1923
Parfumerie Roger & Gallet, Paris, France. Soaps, soap pastes and powders. 171,777; Aug. 14; Serial No. 173,142; published May 8, 1923.
Parfumerie Roger et Gallet, Paris, France. Paste and powders for beautifying and preserving the teeth, skin, and hair, and perfumery. 173,109; Sept. 18; Serial No. 171,866; published June 5, 1923.
Parfumerie Roger & Gallet, Paris, France. Pastes and powders for beautifying and preserving the teeth, skin, and hair, and perfumery. 173,438; Sept. 25; Serial No. 174,590; published June 26, 1923.
Parfumerie Roger et Gallet, Paris, France. Soaps, soap pastes, and soap powders. 173,796; Oct. 2; Serial No. 174,589; published June 26, 1923.
Parfumerie Roger & Gallet, Paris, France. Soaps, soap pastes, and soap powders. 173,817; Oct. 2; Serial No. 171,867; published June 12, 1923.
Parfumette Corporation, New York, N. Y. Perfumes. 166,159; Mar. 27; Serial No. 153,824; published Jan. 24, 1923.
Parham-Lindsay Grocery Co., Chattanooga, Tenn. Wheat flour. 172,639; Sept. 11; Serial No. 162,048; published May 1, 1923.
Parham-Lindsey Grocery Co., Chattanooga, Tenn. Canned fruits and vegetables, coffee, flour, meal and tea. 163,382; Jan. 9.
Paris & Co., New York, N. Y. Rice and coffee. 167,396; May 1; Serial No. 163,894; published Dec. 19, 1922.
Paris Toilet Company, The, Paris, Tenn. Toilet preparations. 168,789; May 29; Serial No. 130,056; published Dec. 28, 1920.
Paris Upholstering Co., Chicago, Ill. Parlor chairs and sofas. 168,969; May 29; Serial No. 170,691; published Feb. 27, 1923.
Parisian Chocolate Company. (See Vinikow, Joseph.)
Parisian Imports, Inc., Detroit, Mich. Face cream and face powder. 164,971; Feb. 27.
Parisian Specialty Co., Seattle, Wash. Facial packs. 173,210; Sept. 18; Serial No. 171,382; published June 19, 1923.
Paristyle Novelty Co. Inc., New York, N. Y. Hair nets. 169,456; June 19; Serial No. 175,154; published Mar. 20, 1923.
Paristyle Novelty Co. Inc., New York, N. Y. Hair nets. 169,584; June 26; Serial No. 158,436; published Sept. 5, 1922.

Paristyle Novelty Co. Inc., New York, N. Y. Hair nets. 171,636; Aug. 7.
Paristyle Novelty Co. Inc., New York, N. Y. Hair nets. 173,565; Sept. 25.
Paristyle Novelty Co. Inc., New York, N. Y. Hair nets. 175,673; Nov. 6.
Park Chemical Company. (See Lodder, Andrew J.)
Park Chemical Company, Detroit, Mich. Metal-hardening compounds. 163,147; Jan. 2.
Park County Milling Co., Livingston, Mont. Wheat flour. 163,613; Jan. 23.
Park, Edgar, assignor to Mah-Jongg, Inc., New York, N. Y. Game played with pieces similar to dominoes. 163,479–80; Jan. 16.
Park Hotel and Bath. (See Magee, Christopher, jr.)
Park Importing Co., New York, N. Y. Artificial-pearl and bead necklaces. 177,841; Dec. 25.
Park & Pollard Company, The, Boston, Mass. Publication issued on the full o' the moon. 177,669; Dec. 25; Serial No. 180,985; published Sept. 11, 1923.
Park & Tilford, New York, N. Y. Cigars, cheroots, and little cigars. 163,445; Jan. 9.
Park & Tilford, New York, N. Y. Sweet cider, grape juice, grenadine sirup, etc. 168,251; May 15; Serial No. 173,003; published Feb. 27, 1923.
Park & Tilford, New York, N. Y. Cream of tartar. 173,321; Sept. 25; Serial No. 173,241; published June 26, 1923.
Park & Tilford, New York, N. Y. Toothbrushes. 176,161; Nov. 20; Serial No. 168,487; published Dec. 5, 1922.
Park & Tilford, New York, N. Y. Fruit (in jars), Maraschino cherries, figs, dates, etc. 176,725; Nov. 27; Serial No. 172,553; published July 31, 1923.
Parke, Davis & Company, Detroit, Mich. Laxatives and cathartics. 168,830; May 29; Serial No. 170,503; published Feb. 13, 1923.
Parke, Davis & Company, Detroit, Mich. Nebulizers and syringes. 171,359; Aug. 7; Serial No. 170,782; published May 15, 1923.
Parke, Davis & Company, Detroit, Mich. Anæsthetic cream. 172,227; Aug. 28; Serial No. 174,632; published May 1, 1923.
Parke, Davis & Company, Detroit, Mich. Antiseptic mouth wash and gargle. 172,228; Aug. 28; Serial No. 174,633; published May 1, 1923.
Parke, Davis & Company, Detroit, Mich. Preparation for treatment of cholelithiasis and allied conditions. 172,229; Aug. 28; Serial No. 174,634; published May 1, 1923.
Parke, Davis & Company, Detroit, Mich. Ointment for eczema and irritations of the skin. 172,537; Sept. 4; Serial No. 173,903; published May 8, 1923.
Parke, Davis & Company, Detroit, Mich. Hypodermic solutions. 172,850; Sept. 11; Serial No. 176,361; published June 5, 1923.
Parke, Davis & Company, Detroit, Mich. Hypnotic and antispasmodic. 175,422; Nov. 6; Serial No. 170,781; published Aug. 21, 1923.
Parke, Davis & Company, Detroit, Mich. Insecticide, antiseptic, and germicide. 175,650; Nov. 6; Serial No. 181,306; published Aug. 21, 1923.
Parke, Davis & Company, Detroit, Mich. Extract anterior lobe pituitary gland. 176,313; Nov. 20; Serial No. 179,220; published July 31, 1923.
Parke, Davis & Company, Detroit, Mich. Medicine for whooping cough, bronchitis, tuberculosis, etc. 176,953; Dec. 11; Serial No. 181,612; published Sept. 18, 1923.
Parker-Bridget Company, Washington, D. C. Men's winter hats. 170,730; July 24; Serial No. 172,238; published Apr. 24, 1923.
Parker-Bridget Company, Washington, D. C. Ladies' sport suits and coats. 171,138; July 31; Serial No. 159,720; published May 1, 1923.
Parker-Bridget Company, Washington, D. C. Men's neckties. 172,280; Aug. 28; Serial No. 169,818; published May 29, 1923.
Parker-Bridget Company, Washington, D. C. Boys' suits. 173,811; Oct. 2; Serial No. 171,508; published July 10, 1923.
Parker Brothers, Portland, Me., and Salem, Mass. Parlor game played with cards. 170,375; July 17; Serial No. 174,330; published Apr. 10, 1923.
Parker Brothers, Portland, Me., and Salem, Mass. Board game played with movable pieces. 170,419; July 17; Serial No. 172,955; published Apr. 10, 1923.
Parker Brothers, Portland, Me., and Salem, Mass. Indoor table game. 174,800; Oct. 23; Serial No. 180,721; published July 31, 1923.
Parker Brothers, Salem, Mass. Card games. 171,534; Aug. 7; Serial No. 175,210; published May 8, 1923.
Parker-Browne Company, Fort Worth, Tex. Nonalcoholic beverage or root beer. 168,489; May 22.
Parker, Charles, Company, The, Meriden, Conn. Vises and parts of vises. 163,885; Feb. 6.
Parker, Chas. V., Co., Harrisburg, Ill. Men's, women's, and children's suits, cloaks, overcoats, hats, caps, shoes, etc. 171,716; Aug. 14; Serial No. 148,549; published May 8, 1923.
Parker, Elgin R., doing business as Merit Manufacturing Co., Los Angeles, Calif. Water heaters using gas as a fuel. 168,513; May 22.
Parker Pen Co., The, Janesville, Wis. Fountain pen. 163,481; Jan. 16.
Parker Pen Co., The, Janesville, Wis. Fountain pens and mechanical pencils. 165,783; Mar. 20; Serial No. 164,827; published Jan. 2, 1923.
Parker Products, Inc., Boston, Mass. Holders for razor blades during sharpening. 175,587; Nov. 6; Serial No. 180,027; published Aug. 14, 1923.
Parker, Roland T., New York, N. Y. Safety-razor-blade-stropping holders. 168,269; May 15; Serial No. 167,924; published Feb. 13, 1923.
Parker Rubber Mfg. Co., Boston, Mass. Combination and rubber heels. 171,702; Aug. 7.
Parks-Belk Company. (See Southern Commercial Company.)
Parks & Bohne, Inc., St. Louis, Mo. Automobile transmission bands. 174,442; Oct. 16; Serial No. 176,645; published June 26, 1923.
Parks-Cramer Company, Fitchburg, Mass. Humidity regulators. 177,523; Dec. 18; Serial No. 182,482; published Aug. 28, 1923.
Parks, Fred C., doing business as The Uncle Tom Company, Minonk, Ill. Confection consisting of chocolate-covered bar of fruit cake. 164,045; Feb. 13.
Parks, Joseph W., doing business as Wopsy Poultry Yards, Altoona, Pa. Live poultry and eggs. 177,023; Dec. 11; Serial No. 166,092; published Sept. 25, 1923.
Parks & Parks, Inc., Troy, N. Y. Shoe brushes. 168,249; May 15; Serial No. 173,528; published Feb. 27, 1923.
Parks & Parks, Inc., Troy, N. Y. Shoe daubers. 171,622; Aug. 7; Serial No. 177,322; published May 22, 1923.
Parks & Parks, Inc., Troy, N. Y. Shoe brushes. 172,868; Sept. 11; Serial No. 173,527; published June 5, 1923.
Parks & Parks, Inc., Troy, N. Y. Shoe brushes. 172,869; Sept. 11; Serial No. 173,529; published June 5, 1923.
Parkstone Laboratory. (See Graham, William A.)
Parkview Electric Company. (See Eckelkamp, John.)
Parkview Pharmacy. (See Smolinsky, Phillip.)
Parnibeck Chocolate Co., Inc., New York, N. Y. Chocolate candies. 171,125; July 31; Serial No. 175,515; published May 15, 1923.
Parrett and Swank, North Manchester, Ind. Compound for the treatment of cancers. 173,330; Sept. 25; Serial No. 171,548; published June 26, 1923.
Parrish, Amos, New York, N. Y. Fashion publication issued twice a week. 167,830; May 8; Serial No. 169,923; published Feb. 20, 1923.
Parrott, Herbert G., Chicago, Ill. Metal polish. 177,313; Dec. 18; Serial No. 180,490; published Sept. 25, 1923.
Parsons, Irving R., doing business as I. R. Parsons & Co., Chicago, Ill. Nail polish in powder form. 173,045; Sept. 11; Serial No. 176,912; published June 12, 1923.
Parsons Manufacturing Company, Detroit, Mich. Automobile door hinges. 164,348; Feb. 20.
Parsons, Montgomery H., doing business as Parsons Chemical Company, Dayton, Ohio. Glue for lagging steel pulleys with canvas. 175,241; Oct. 30.
Parsons Trading Company, New York, N. Y. Broomroot for brush making. 165,122; Mar. 6; Serial No. 125,100; published Mar. 16, 1920.
Partola Distributing Company, New York, N. Y. Antiseptic laxative. 165,673; Mar. 20; Serial No. 166,569; published Jan. 2, 1923.
Partola Distributing Company, New York, N. Y. Antiseptic laxative. 168,322; May 22; Serial No. 167,532; published Feb. 20, 1923.
Parvin, W. R., Co. (See Parvin, William R.)
Parvin, William R., doing business as W. R. Parvin Co., Ogden, Utah. Fresh deciduous fruits and fresh vegetables. 168,479; May 22; Serial No. 168,373; published Feb. 20, 1923.
Parvin, William R., doing business as W. R Parvin Co., Ogden, Utah. Fresh deciduous fruits and fresh vegetables. 171,458; Aug. 7; Serial No. 168,372; published May 8, 1923.
Pascal Laboratory. (See Talbot, Benson A.)
Pasch, Frank F., Co., Milwaukee, Wis. Beverages sold as soft drinks and sirups for making same. 175,674; Nov. 6.
Paskocil, Catherine, Cleveland, Ohio. Metal cleaning and polishing powder. 169,437; June 19; Serial No. 173,296; published Mar. 20, 1923.
Passaic Print Works, Passaic, N. J. Cotton piece goods. 163,482; Jan. 16.
Passaic Print Works, Passaic, N. J. Printed lawns. 165,560; Mar. 13; Serial No. 156,406; published May 9, 1922.
Passaic Print Works, Passaic, N. J. Cotton piece goods. 177,425; Dec. 18; Serial No. 156,412; published Sept. 18, 1923.
Pastene, P., & Co., Inc., Boston, Mass. Canned peeled tomatoes, roasted peppers, and tomato sauce. 166,452; Apr. 3; Serial No. 166,095; published Jan. 16, 1923.
Pastene, P., & Co., Inc., Boston, Mass. Canned peeled tomatoes and tomato sauce. 173,741; Oct. 2; Serial No. 178,278; published June 19, 1923.
Pasteur Laboratories of America, New York, N. Y. Ferments, serums, vaccines, virus, and disinfectants. 164,472; Feb. 20.
Patch, E. L., Company, The, Stoneham, Mass. Skin lotion. 163,148; Jan. 2.
Patch, E. L., Company, The, Stoneham, Mass. Medicine for increasing the fluidity of the bile. 165,466; Mar. 13; Serial No. 168,122; published Dec. 12, 1922.

Patch, E. L., Company, The, Stoneham, Mass. Healing ointment for burns, boils, eruptions, etc. 168,127; May 15; Serial No. 171,100; published Feb. 13, 1923.

Patch, E. L., Company, The, Stoneham, Mass. Skin lotion. 172,664; Sept. 11; Serial No. 174,482; published May 29, 1923.

Patchogue-Plymouth Mills Corporation, New York, N. Y. Nets, draperies, and curtains made of cotton. 171,367; Aug. 7; Serial No. 169,924; published May 8, 1923.

Patent Novelty Company, Fulton, Ill. Glare-shield attachments for automobile headlights. 175,516; Nov. 6; Serial No. 176,208; published Aug. 28, 1923.

Pateychuk, Wolter V., doing business as W. V. Patty, Altoona, Pa. Medicine for sore throat, influenza, etc. 170,414; July 17; Serial No. 173,206; published Apr. 10, 1923.

Pathé-Cinéma, Anciens Etablissements Pathé Frères, Paris, France. Cameras, cinematographic projecting lanterns, stereoscopes, etc. 177,720; Dec. 25; Serial No. 158,442; published Oct. 2, 1923.

Pathfinder Publishing Co., The, Washington, D. C. Weekly publication. 175,914; Nov. 13; Serial No. 180,387; published Aug. 21, 1923.

Patjens, Wm. S., doing business as The Exterminating Engineers of America, New York, N. Y. Roach-exterminating poison. 175,622; Nov. 6; Serial No. 180,773; published Aug. 28, 1923.

Patrician Olive Oil Corp., New York, N. Y. Olive oil. 168,360; May 22; Serial No. 165,460; published Feb. 13, 1923.

Patrick, F. A., & Co., Duluth, Minn. Clothing. 176,809; Nov. 27.

Patricki, Thomas, Hawkins, Wis. Lightning arresters. 172,009; Aug. 21; Serial No. 175,884; published May 8, 1923.

Patrick-Young Company, also doing business as Boyd Packing Company, Richmond, Va. Smoked hams and bacon. 174,633; Oct. 23; Serial No. 179,677; published July 31, 1923.

Pa-Tro Company, The, Port Homer, Ohio. Remedy employed in the treatment of catarrh, tonsillitis, etc. 165,712; Mar. 20; Serial No. 168,276; published Dec. 12, 1922.

Patsy & Alexander, New York, N. Y. Ointments used as an application for rheumatism, colds, etc. 164,117; Feb. 13.

Patterson, Al. G., New Orleans, La. Lubricating oils and greases. 163,757; Jan. 23.

Patterson Lock Nut Mfg. Co., Chicago, Ill. Lock nuts. 163,678; Jan. 23.

Patterson Sargent Company, The, Cleveland, Ohio. Paints, paint and varnish driers, wood stains, etc. 163,694; Jan. 23.

Patterson-Sargent Co., The, Cleveland, Ohio. Dry and ready-mixed paints, paint and varnish driers, paint enamels, etc. 164,631; Feb. 27.

Patterson Screen Co., The, Towanda, Pa. X-ray screens, 168,997–8; May 29.

Patton, John G., doing business as Cafe L'Aiglon, Philadelphia, Pa. Raw and cooked oysters and clams, cooked lobsters, scallops, etc. 172,774; Sept. 11; Serial No. 101,176; published June 5, 1923.

Patty, W. V. (See Pateychuk, Wolter V.)

Paul, B. (See Balme, Paul.)

Paul, Israel, doing business as Russpharmaco Products Co., Philadelphia, Pa. Medicine for the treatment of the blood and stomach. 170,082; July 10; Serial No. 167,533; published Apr. 3, 1923.

Paulero, Alfonso M., Baltimore, Md. Malt and hops compound for beverage purposes. 167,173; Apr. 24; Serial No. 171,948; published Jan. 30, 1923.

Pauli, Hans, Des Moines, Iowa. Advertising pamphlets, circulars, bulletins, and supplements. 168,143; May 15; Serial No. 170,078; published Jan. 30, 1923.

Pauline Mills, Inc., Kings Mountain, N. C. Gray and bleached table damasks in the piece, pattern tablecloths of damask, and damask napkins. 165,708; Mar. 20; Serial No. 168,374; published Dec. 12, 1922.

Paul's Bake Shop, Inc., Chicago, Ill. Bread. 165,649; Mar. 13.

Paulson, Anna, New York, N. Y. Candies, pastries, breads, and cakes. 177,104; Dec. 11; Serial No. 170,538; published Sept. 18, 1923.

Paulson, Arthur, New York, N. Y. Steel filing cabinet. 167,476; May 1; Serial No. 163,765; published Jan. 2, 1923.

Pavey & Kester, Drs., Xenia, Ohio. Tooth paste. 164,812; Feb. 27.

Pavich, Gregory A., Kenosha, Wis. Medicine for headache and dizziness, watering eyes, and eye catarrh, etc. 165,472–3; Mar. 13; Serial Nos. 168,139–40; published Jan. 2, 1923.

Pavich, Gregory A., Kenosha, Wis. Medicine for rheumatism, diseases of nerves, arteries, etc. 165,845; Mar. 20; Serial No. 168,138; published Jan. 2, 1923.

Pavitchich, Steve, Woodriver, Ill. Drain valves. 166,834; Apr. 17; Serial No. 170,208; published Jan. 23, 1923.

Paxton and Gallagher Co., Omaha, Nebr. Candy. 167,701; May 8; Serial No. 165,410; published Feb. 20, 1923.

Paxtonic Blood Food Co., Inc., Birmingham, Ala. Preparation for the treatment of rheumatism, paralysis, pneumonia, etc. 169,621; June 26; Serial No. 172,760; published Mar. 6, 1923.

Payne, Rose E., doing business as Victor Remedy Company, Cincinnati, Ohio. Preparation for man and beast to be used for eczema, cuts, sores, skin diseases, etc. 164,727; Feb. 27.

Payson's Indelible Ink Co., Northampton, Mass. Indelible ink. 165,345; Mar. 6; Serial No. 164,946; published Nov. 14, 1922.

Paz, C. Barletta, New Orleans, La. Nerve tonic. 168,114; May 15; Serial No. 151,019; published Feb. 20, 1923.

Peacock, William F., doing business as The United Food Products Company, Portland, Me. Food-flavoring extracts. 168,471; May 22; Serial No. 167,735; published Feb. 27, 1923.

Peak, William C., Chicago, Ill. Phonograph records. 174,422; Oct. 16; Serial No. 170,209; published June 26, 1923.

Pearldento Company. (See Jacques, May O.)

Pears, A. & F., Ltd., London, England. Certain named toilet articles and preparations. 22,843; renewed Apr. 18, 1923.

Pearson, Minnie A., doing business as Richardson's Dry Hop Yeast Company, Winchester, Va. Yeast. 166,771; Apr. 10.

Pearson, William E., Paris, France, assignor to E. T. Pearson, Hamburg, Germany. An oily medicinal preparation for internal and external use. 23,662–3; renewed Sept. 26, 1923.

Peart, Harold A., doing business as Sprague & Carleton, Keene, N. H. Porch chairs, porch rockers, and settees. 172,372–3; Aug. 28; Serial No. 158,645–6; published May 15, 1923.

Pease & Dwyer Co., Memphis, Tenn. Horse and cattle feed. 165,271; Mar. 6; Serial No. 159,051; published Oct. 17, 1922.

Peaslee-Gaulbert Co., Louisville, Ky. Varnish stains and paint enamel. 175,588; Nov. 6; Serial No. 179,882; published July 3, 1923.

Peck, Elbert C., Los Angeles, Calif. Dry, paste, and ready-mixed paints, oil colors, varnish, etc. 177,541; Dec. 18; Serial No. 183,499; published Oct. 2, 1923.

Peck & Sterba, New York, N. Y. Medical preparations for leucorrhea, cervical catarrh, etc. 175,483; Nov. 6; Serial No. 178,405; published Aug. 28, 1923.

Peck, Stow & Wilcox Co., The, Southington, Conn. Pliers. 168,150; May 15; Serial No. 172,613; published Feb. 27, 1923.

Peckham Candy Factory. (See National Candy Company.)

Pedersen, Johannes T., New York, N. Y. Coffee-bag supports as used in coffee urns. 169,850; July 3; Serial No. 172,432; published Apr. 10, 1923.

Pedigreed Products Corporation, Elmira, N. Y. Nuts, salted nuts, granulated nuts, and peanut butter. 176,700; Nov. 27; Serial No. 176,648; published Sept. 11, 1923.

Pedigreed Products Corporation, Elmira, N. Y. Nuts and peanut butter. 177,727; Dec. 25; Serial No. 176,647; published Sept. 18, 1923.

Pedigreed Seed Company, Hartsville, S. C. Field and garden seeds. 164,781–2; Feb. 27.

Pedigreed Seed Company, Hartsville, S. C. Farm and garden seeds. 167,694; May 8; Serial No. 167,890; published Feb. 20, 1923.

Pee-Chee Cleaner Manufacturing Company, The, Cleveland, Ohio. Shoe enamels, shoe polishes, shoe-cleaning compositions, also cleaning compositions for silver and gold. 168,054; May 15; Serial No. 170,033; published Feb. 6, 1923.

Pee Dee Manufacturing Company, Packingham, N. C. Cotton piece goods. 164,925; Feb. 27.

Peerless Belting Company, Gardenville, N. Y. Leather and cotton belting. 168,523–4; May 22.

Peerless Belting Company, Gardenville, N. Y. Leather and cotton belting. 168,982; May 29.

Peerless Confection Company, Chicago, Ill. Candies. 174,660; Oct. 23; Serial No. 169,605; published July 24, 1923.

Peerless Confection Company, Chicago, Ill. Candies. 175,079; Oct. 30; Serial No. 169,604; published Aug. 7, 1923.

Peerless Dentists, The. (See Donohue, Sarah E.)

Peerless Folding Ladder Co. (See de Saussure, Frank M., jr.)

Peerless Food Products Co. Inc., Long Island City, N. Y. Preserved cucumbers. 171,799; Aug. 14; Serial No. 176,362; published May 22, 1923.

Peerless Knitting Co., Milwaukee, Wis. Sweaters. 168,293; May 15.

Peerless Level & Tool Co., The, Sterling, Ill. Tools, and particularly levels. 169,711; June 26.

Peerless Mfg. Co., The. Toilet paper. 174,207; Oct. 9; Serial No. 179,679; published July 10, 1923.

Peerless Mfg. Co., The, Norristown, Pa. Toilet paper. 174,575; Oct. 23; Serial No. 179,678; published July 10, 1923.

Peerless Paper Company, The, Dayton, Ohio. Bond paper. 171,178; July 31; Serial No. 171,653; published May 8, 1923.

Peerless Smoking Jacket Co., New York, N. Y. Outer clothing for men, women, and children. 164,059; Feb. 13.

Peerless Specialty Manufacturing Co. (See Staplin, Wayland D.)

Peerless Traveling Goods Co., Mayville, Wis. Coat cases, suitcases, traveling bags. 166,960; Apr. 17.

Peggy's Health Food Company, Butte, Mont. Cereal. 167,213; Apr. 24; Serial No. 164,829; published Jan. 30, 1923.

Peirson, Lemuel H., Los Angeles, Calif. Face-powder cakes. 169,125; June 5.

Pelican Bay Lumber Company, Klamath Falls, Oreg. Lumber, laths, molding, sidings. 175,922; Nov. 13; Serial No. 180,078; published Sept. 4, 1923.

Pelzer Manufacturing Company, Pelzer, S. C. Cotton piece goods. 163,975; Feb. 6.

Penberthy Injector Company, Detroit, Mich. Vaporizing devices for engines. 166,353; Apr. 3; Serial No. 146,182; published Jan. 2, 1923.

Pence, Harry E., doing business as Lincoln Steel Products Company, Minneapolis, Minn. Pistons, piston pins, and shafts for automobile motors, etc. 166,411; Apr. 3; Serial No. 166,850; published Jan. 2, 1923.

Pendale Woolen Mills, New York, N. Y. Woolen piece goods. 175,447; Nov. 6; Serial No. 183,161; published Aug. 28, 1923.

Pendas, Jose M., New York, N. Y. Perfume, rouge, cold cream, toilet water, face and toilet powder, etc. 165,598; Mar. 13; Serial No. 131,087; published Dec. 12, 1922.

Pendle & Rivett Limited, London, England. Cloth and stuffs of wool and worsted. 174,127; Oct. 2; Serial No. 180,549; published July 10, 1923.

Pendleton Manufacturing Company, Autun, S. C., Laundry nets. 166,594–5; Apr. 10; Serial Nos. 163,238–9; published Dec. 26, 1922.

Pendleton Woolen Mills, Washougal, Wash. Bath robes, shawls, hosiery, dress shirts, mackinaw coats. 164,236; Feb. 13.

Penick & Ford, Ltd., Incorporated, New Orleans, La. Molasses. 169,344; June 12; Serial No. 170,692; published Mar. 27, 1923.

Penick & Ford, Ltd. Incorporated, New Orleans, La. Table sirup. 169,709; June 26.

Peninsular Paper Company, Ypsilanti, Mich. Cover paper. 166,268; Apr. 17; Serial No. 172,345–7; published Jan. 16, 1923.

Peninsular Paper Company, Ypsilanti, Mich. Cover paper. 169,182; June 12; Serial No. 172,554; published Mar. 20, 1923.

Peninsular Paper Company, Ypsilanti, Mich. Cover paper. 170,333; July 10.

Peninsular Paper Company. Ypsilanti, Mich. Cover paper. 175,356; Nov. 6; Serial No. 178,279; published Aug. 21, 1923.

Penn Drug Specialty Company, Pittsburgh, Pa. Fingernail files. 165,190; Mar. 6; Serial No. 168,278; published Dec. 12, 1922.

Penn Paste Milling Company, Wilkes-Barre, Pa. Dry pastes. 170,134; July 10; Serial No. 160,255; published Apr. 10, 1923.

Penn Rivet Corporation, Philadelphia, Pa. Elastic webbing. 165,310; Mar. 6; Serial No. 161,335; published Dec. 5, 1922.

Penn Tobacco Company, Wilkes-Barre, Pa. Cigarettes. 169,959; July 10; Serial No. 174,702; published Apr. 10, 1923.

Penn Trouser Co., Pittsburgh, Pa. Trousers, men's work pants, and trousers for outdoor and indoor sports. 176,821; Nov. 27.

Penney, J. C., Company, Salt Lake City, Utah, and New York, N. Y. Overalls and work clothes. 163,614; Jan. 23.

Penney, J. C., Company, Salt Lake City, Utah, and New York, N. Y. Children's garters. 164,136; Feb. 13.

Penney, J. C., Company, Salt Lake City, Utah, and New York, N. Y. Men's ready-to-wear clothing—namely, work shirts. 164,833; Feb. 27.

Penney, J. C., Company, Salt Lake City, Utah, and New York, N. Y. Children's ready-to-wear clothing—namely, overall combination suits. 166,691; Apr. 10; Serial No. 166,258; published Jan. 2, 1923.

Penney, J. C., Company, Salt Lake City, Utah, and New York, N. Y. Cotton piece goods. 168,735; May 29; Serial No. 172,556; published Feb. 27, 1923.

Penney, J. C., Company, Salt Lake City, Utah, and New York, N. Y. Men's garters. 169,532; June 19; Serial No. 166,710; published Mar. 27, 1923.

Penney, J. C., Company, Salt Lake City, Utah, and New York, N. Y. Cotton piece goods. 169,670–1; June 26; Serial Nos. 175,022–3; published Mar. 27, 1923.

Penney, J. C., Company, Salt Lake City, Utah, and New York, N. Y. Men's hats. 172,087; Aug. 21; Serial No. 176,759; published May 22, 1923.

Penney, J. C., Company, Salt Lake City, Utah, and New York, N. Y. Men's and boys' caps. 172,088; Aug. 21; Serial No. 176,760; published May 22, 1923.

Penney, J. C., Company, Salt Lake City, Utah, and New York, N. Y. Women's hair nets. 174,125; Oct. 2; Serial No. 180,491; published July 10, 1923.

Pennsylvania Baking Company, Scranton, Pa. Crackers or biscuits. 168,924; May 29; Serial No. 123,139; published Oct. 5, 1920.

Pennsylvania Coal & Coke Corporation, Philadelphia, Pa., and New York, N. Y. Coal and coke. 164,784; Feb. 27.

Pennsylvania Coal & Coke Corporation, Philadelphia, Pa., and New York, N. Y. Coal and coke. 168,748; May 29; Serial No. 171,384; published Feb. 13, 1923.

Pennsylvania Coal & Coke Corporation, Philadelphia, Pa., and New York, N. Y. Coal and coke. 168,749; May 29; Serial No. 171,386; published Feb. 13, 1923.

Pennsylvania Crusher Company, Philadelphia, Pa. Crushers, breakers, feeders, hoppers. 163,665; Jan. 23.

Pennsylvania Hosiery Mills, Philadelphia, Pa. Hosiery. 171,762; Aug. 14; Serial No. 160,363; published Sept. 5, 1922.

Pennsylvania Lubricating Company, Pittsburgh, Pa. Lubricating oils and greases. 174,898; Oct. 23; Serial No. 178,566; published July 31, 1923.

Pennsylvania Oil and Refining Company. (See Pennsylvania Refining Co.)

Pennsylvania Petroleum Company, Kansas City, Mo. Motor-lubricating oil. 172,050; Aug. 21; Serial No. 151,957; published Nov. 8, 1921.

Pennsylvania Pump & Compressor Co., Easton, Pa. Compressors and pumps and attachments therefor. 166,438; Apr. 3; Serial No. 166,906; published Jan. 2, 1923.

Pennsylvania Refining Co., Karns City and Oil City, assignor to Pennsylvania Oil and Refining Company, Oil City, Pa. Lubricating oils and greases. 165,812; Mar. 20; Serial No. 167,325; published Dec. 26, 1922.

Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Lye. 177,222; Dec. 11; Serial No. 176,094; published Sept. 18, 1923.

Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Lye. 173,905–6; Oct. 2; Serial Nos. 176,096–7; published July 10, 1923.

Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Lye. 173,907; Oct. 2; Serial No. 176,095; published July 10, 1923.

Pennsylvania Soap Company of Lancaster, Pa., Lancaster, Pa. Soaps. 163,855; Jan. 30.

Pennsylvania Soap Company of Lancaster, Pa. Lancaster, Pa. Soaps. 173,883; Oct. 2; Serial No. 176,277; published June 12, 1923.

Pennsylvania Sugar Company, Philadelphia, Pa. Powdered substance consisting of pectin and acidified sugar. 166,023; Mar. 27; Serial No. 163,534; published Dec. 5, 1922.

Pennsylvania Textile Mills, Inc., Glen Riddle, Pa., and New York, N. Y. Pile fabrics in the piece. 175,178; Oct. 30; Serial No. 181,307; published Aug. 7, 1923.

Pennsylvania Textile Mills, Inc., Glen Riddle, Pa., and New York, N. Y. Garments for women. 177,362; Dec. 18; Serial No. 181,862; published Oct. 2, 1923.

Pennsylvania Wire Glass Company, Philadelphia, Pa. Sheet glass. 167,043; Apr. 24; Serial No. 170,596; published Jan. 30, 1923.

Penton Publishing Company, The, Cleveland, Ohio. Magazine published weekly. 171,840; Aug. 14; Serial No. 171,281; published May 1, 1923.

Penton Publishing Company, The, Cleveland, Ohio. Monthly marine periodical. 177,447; Dec. 18; Serial No. 182,058; published Sept. 25, 1923.

Peoples Drug Stores, Inc., Washington, D. C. Cigars. 170,107; July 10; Serial No. 157,690; published Apr. 3, 1923.

Peoria Chemical Co. (See Kirby, David D.)

Pep Sand Company, Pittsburgh, Pa. Medically-treated insoluble sand for use by humans, animals, and fowl for perfecting digestion, etc. 163,149; Jan. 2.

Pepe, Joseph, Waterbury, Conn. Macaroni. 166,192; Mar. 27; Serial No. 161,700; published Nov. 28, 1922.

Pepin Pickling Co., Winona, Minn. Bulk, bottled, and canned pickles, canned vegetables, vinegar, etc. 166,072; Mar. 27; Serial No. 159,526; published Dec. 12, 1922.

Peppers, Thomas H., Los Angeles, Calif. Fresh cantaloupes. 170,118; July 10; Serial No. 162,949; published Apr. 3, 1923.

Peppers, Thomas H., Los Angeles, Calif. Cantaloupes, fresh citrous fruits, and grapes. 172,501; Aug. 28.

Pepple, D., and Co., Bainbridge, Ohio. Face lotion. 172,725; Sept. 11; Serial No. 174,669; published May 15, 1923.

Pepsin Syrup Co., Monticello, Ill. Preparation for the treatment of digestive disorders. 177,631; Dec. 25; Serial No. 184,148; published Oct. 23, 1923.

Pepsodent Company. (See Calcium Products, Incorporated, assignor.)

Perceval, C., New York, N. Y. Cheese and mincemeat. 170,828; July 24; Serial No. 169,820; published Feb. 27, 1923.

Perceval, C., New York, N. Y. Canned soups, truffles, cherries, turtle meat. 169,940; July 3.

Perceval, C., New York, N. Y. Cheeses. 170,795; July 24; Serial No. 169,821; published Feb. 27, 1923.

Perceval, C., New York, N. Y. Lard, vinegar, olives, pickles, sauerkraut, olive oil, etc. 172,464; Aug. 28; Serial No. 169,819; published May 1, 1923.

Perceval, C., New York, N. Y. Olive oil. 173,770; Oct. 2; Serial No. 176,913; published July 3, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Perceval, C., New York, N. Y. Canned okra. 173,785; Oct. 2; Serial No. 177,047; published July 3, 1923.
Perceval, C., New York, N. Y. Candy. 174,523; Oct. 16; Serial No. 177,048; published July 24, 1923.
Perceval, C., New York, N. Y. Canned caviar. 175,665; Nov. 6.
Perceval, C., New York, Y. Capers, vinegar, olives, pickles, lard, etc. 176,701; Nov. 27; Serial No. 177,049; published Sept. 11, 1923.
Pérez, Bernardo, Mexico, Mexico. Medicinal preparation for the treatment of rheumatism. 169,592; June 26; Serial No. 147,307; published Mar. 6, 1923.
Perfect Polish Co. (See Nekritz, Louis.)
Perfect Stove & Manufacturing Co., Belleville, Ill. Coal and gas stoves and ranges. 175,859; Nov. 13; Serial No. 175,732; published Sept. 4, 1923.
Perfection Beverages Corporation, New York, N. Y. Beverages sold as soft drinks. 163,863; Jan. 30.
Perfection Biscuit Company, Ft. Wayne, Ind. Biscuits. 173,818; Oct. 2; Serial No. 171,950; published Mar. 20, 1923.
Perfection Cap Company, Incorporated, Seattle, Wash. Men's, women's, and children's hats and caps. 171,892; Aug. 14; Serial No. 172,349; published May 1, 1923.
Perfection Garment Company, Martinsburg, W. Va. House dresses and aprons. 175,116; Oct. 30; Serial No. 176,692; published Aug. 7, 1923.
Perfection Ty Press Manufacturing Company, Cincinnati, Ohio. Form over which neckties are to be drawn. 165,925; Mar. 20.
Perfecto Gear Differential Co., Bellingham, Wash. Variable-speed axles for motor-driven vehicles and parts of such axles. 169,273; June 12; Serial No. 148,296; published Mar. 27, 1923.
Perfume, toilet water, and sachet. E. Burnham, Inc. 166,178; Mar. 27; Serial No. 166,497; published Dec. 5, 1922.
Perfumeria Gal, Sociedad Anonima, Madrid, Spain. Toilet powders and handkerchief extracts. 172,737; Sept. 11; Serial No. 169,418; published Apr. 17, 1923.
Perfumerie Caron. (See Daltroff, Ernest, assignor.)
Periodical Digest Corporation, The, New York, N. Y. Magazine or periodical issued fortnightly. 167,487; May 1; Serial No. 155,318; published Dec. 5, 1922.
Periodical Publishing Company, Grand Rapids, Mich. Quarterly publication. 171,807; Aug. 14; Serial No. 177,403; published May 22, 1923.
Perkins, B. F., & Son, Inc., Holyoke, Mass. Cloth pilers, exhaust fans, rag cutters, paper and textile finishing machinery. 167,299; Apr. 24.
Perkins & Butler, Inc., Worcester, Mass. Toilet paper. 172,297; Aug. 28; Serial No. 177,990; published May 29, 1923.
Perkins-Campbell Company, The, Cincinnati, Ohio. Automobile and vehicle coverings. 176,813; Nov. 27.
Perkins, Charles B., Co., Boston, Mass. Smoking tobacco. 170,367; July 17; Serial No. 173,980; published Apr. 10, 1923.
Perkins Marine Lamp Corporation, New York and Brooklyn, N. Y. Lamps, lanterns, etc. 171,487; Aug. 7; Serial No. 139,369; published May 22, 1923.
Perkins Products Co., Hastings, Nebr. Toilet and medicinal preparations. 167,231; Apr. 24; Serial No. 165,411; published Jan. 30, 1923.
Perkins, Robert F., Framingham Center, Mass. Fresh apples, fresh potatoes, fresh cream, cattle. 167,057; Apr. 24; Serial No. 160,721; published Jan. 30, 1923.
Perkins, William, doing business as Midland Creamery Co., St. Louis, Mo. Butter. 172,985; Sept. 11; Serial No. 174,027; published June 5, 1923.
Perlmann, Louis. (See Friedrich, Johannes.)
Perlmann, Schal & Stern, New York, N. Y. Doilies. 163,979; Feb. 6.
Pernetti, B., Co. (See Pernetti, Biagio.)
Pernetti, Biagio, doing business as B. Pernetti Co., Los Angeles, Calif. Candied citrus fruits. 165,437; Mar. 13; Serial No. 165,707; published Jan. 2, 1923.
Perolin Fabrikationsgesellschaft m. b. H., Vienna, Austria. Ethereal oils and essences for deodorizing and purifying the air. 170,215; July 10; Serial No. 146,780; published Apr. 10, 1923.
Peroxide Chemical Co., The, St. Louis, Mo. Toilet cream. 169,116; June 5.
Perper, Dalton E., New York, N. Y. Ladies' and misses' dresses. 176,240; Nov. 20; Serial No. 182,835; published Sept. 11, 1923.
Perrin, V., & Cie., Grenoble, France; London, England; and New York, N. Y. Fabric gloves. 168,263; May 15; Serial No. 170,539; published Feb. 20, 1923.
Perrotti, Mario T., doing business as Perrotti Drug Company, Providence, R. I. Preparation for the treatment of corns. 177,168; Dec. 11; Serial No. 181,216; published Sept. 18, 1923.
Perry, A. J., and Co., Dunlow, W. Va. Medicinal preparation for the treatment of stomach and bowel troubles, coughs, etc. 176,223; Nov. 20; Serial No. 177,242; published Aug. 7, 1923.
Perry, David, Dallas, Tex. Oil burners. 170,225; July 10; Serial No. 154,458; published Jan. 9, 1923.
Perry, Desjardins & Temple Co., assignor to The Skylark Radio Company, Cincinnati, Ohio. Radio receiving sets and antennæ and parts thereof, head phones, etc. 167,259; Apr. 24; Serial No. 168,000; published Jan. 23, 1923.
Perry, Desjardins & Temple Co., The, assignor to The Skylark Radio Company, Cincinnati, Ohio. Radio receiving sets, parts thereof, antennæ and parts thereof, head phones, etc. 167,260; Apr. 24; Serial No. 167,999; published Feb. 6, 1923.
Perry, J. C., & Company, Indianapolis, Ind. Canned vegetables, fruits, and fish, sweet pickles, olives, rolled oats. 167,078; Apr. 24; Serial No. 156,401; published Dec. 26, 1922.
Pest-U-Di Chemical Company. (See Glassner, Otto A.)
Pestine Chemical Co. (See Klebanoff, David.)
Peter Cailler Kohler Swiss Chocolates Co., Inc., New York, N. Y. Milk-chocolate coating for candy. 171,665; Aug. 7.
Peter Company, The, Houston, Tex. Eggs, butter, poultry, and pecans. 172,817; Sept. 11; Serial No. 172,434; published May 8, 1923.
Peter Hand Brewery Co., The; The Peter Hand Company, Chicago, Ill., successors. Lager beer. 24,057; renewed Jan. 16, 1924.
Peterkin Company, The, Baltimore, Md. Candies. 174,007; Oct. 2; Serial No. 174,485; published July 17, 1923.
Peters, Albert T., doing business as Vitamineral Products Co., Peoria, Ill. Cattle, swine, dairy, and poultry feed. 176,506; Nov. 27; Serial No. 161,200; published July 31, 1923.
Peters Brothers Rubber Co., Inc., New York, N. Y. Backing or reenforcing cotton cloth and white shoe cloth in the piece. 177,312; Dec. 18; Serial No. 167,098; published Sept. 25, 1923.
Peters, M. C., Mill Co., Omaha, Nebr. Stock and poultry feed. 167,278; Apr. 24; Serial No. 149,929; published Jan. 30, 1923.
Peters, M. C., Mill Co., Omaha, Nebr. Poultry and stock feeds. 174,133; Oct. 2.
Peters, M. C., Mill Co., Omaha, Nebr. Poultry feeds. 176,577; Nov. 27; Serial No. 177,993; published Aug. 21, 1923.
Peters, M. C., Mill Co., Omaha, Nebr. Poultry feeds. 177,188; Dec. 11; Serial No. 177,991; published Aug. 21, 1923.
Peters Manufacturing Company, Boston, Mass. Shoe fabrics. 170,179; July 10; Serial No. 176,209; published Apr. 10, 1923.
Peters, William H., doing business as The Red-Ot Company, Providence, R. I. Medicinal preparation. 175,625; Nov. 6; Serial No. 180,722; published Aug. 14, 1923.
Petersen, Paul W., Chicago, Ill. Refrigerated comestibles—namely, frozen fish. 171,315; Aug. 7; Serial No. 167,421; published May 1, 1923.
Petersen's, J. H. C., Sons Company, Davenport, Iowa. Negligee shirts, work shirts, overalls, and men's trousers. 163,150; Jan. 2.
Petersen's, J. H. C., Sons Company, Davenport, Iowa. Children's play suits, wash suits, and boys' knickerbockers, blouses, and shirts. 166,597; Apr. 10; Serial No. 153,367; Published Jan. 2, 1923.
Peterson, Chas., Duluth, Minn. Insecticide. 169,683; June 26; Serial No. 172,761; published Mar. 20, 1923.
Peterson Paper Company, The, Davenport, Iowa. Toilet paper. 172,082; Aug. 21; Serial No. 176,501; published May 22, 1923.
Petot, Charles E., doing business as the Petot Shoe Company, Cleveland, Ohio. Shoes and slippers made of leather. 163,811; Jan. 30.
Petot Shoe Company. (See Petot, Charles E.)
Petrich, Mike G., Cleveland, Ohio. Preparation for the treatment of cancer. 173,333; Sept. 25; Serial No. 171,187; published June 26, 1923.
Petrich, Paul, doing business as Coronado Fish Co., San Diego, Calif. Canned fish. 173,223; Sept. 18; Serial No. 174,150; published June 26, 1923.
Petrie, William K., Dundee, Scotland. Floor polish. 176,641; Nov. 27; Serial No. 166,091; published Sept. 18, 1923.
Petrocelli, Joseph, & Co., Inc., New York, N. Y. Canned tomato sauce. 169,311; June 12; Serial No. 169,182; published Mar. 27, 1923.
Petrocelli, Joseph, & Co., Inc., New York, N. Y. Olive oil. 177,262; Dec. 11; Serial No. 169,181; published Sept. 25, 1923.
Petroleum Export Corporation, Los Angeles, Calif. Kerosene and gasoline and lubricating oil. 170,175; July 10; Serial No. 176,211; published Apr. 10, 1923.
Petroleum Export Corporation, Los Angeles, Calif. Gasoline, kerosene, lubricating oil, and gas oil. 170,178; July 10; Serial No. 176,210; published Apr. 10, 1923.
Petroleum Products Co., San Francisco, Calif. Lubricating oils and greases, gasoline, motor spirit, etc. 170,561; July 17; Serial No. 173,904; published Apr. 17, 1923.
Petroleum Service Corporation, Minneapolis, Minn. Liquid fuel. 176,000; Nov. 13; Serial No. 170,753; published Sept. 4, 1923.
Petroleum Soap Company. (See Haskins Brothers & Company.)

Alphabetical list of registrants of trade-marks—Continued.

Petruzzelli, Ignatius, New York, N. Y. Rubber coverings for hats. 171,657; Aug. 7.

Pettijohn California Breakfast Food Company, Minneapolis, Minn., assignor to The Quaker Oats Company, Chicago, Ill. Rolled wheat. 22,459; renewed Feb. 14, 1923.

Pettit & Bickford Company, Wayzata, Minn. Lever casings for bottoms of automobile bodies. 172,987; Sept. 11; Serial No. 173,981; published June 12, 1923.

Petty, J. K., & Company, Incorporated, doing business as Lebanon Boiler Works, Philadelphia, Pa. Steam boilers. 177,605; Dec. 18.

Petzelt, Christopher, assignor to Virginia A. Petzelt Meier, doing business as C. Petzelt Manufacturing Company, Philadelphia, Pa. Face ointment for beautifying the skin. 22,935; renewed May 2, 1923.

Pew, John, & Son, assignor to Gorton-Pew Fisheries Co., Gloucester, Mass. Preserved fish. 22,908; renewed May 2, 1923.

Peyton, W. P., Fruit Co., Los Angeles, Calif. Fresh citrous fruit, fresh grapefruit. 175,772; Nov. 13; Serial No. 177,863; published Aug. 14, 1923.

Pfaltz & Bauer, Inc., New York, N. Y. Yarns, silks, and threads. 175,474; Nov. 6; Serial No. 181,773; published Aug. 21, 1923.

Pfau's American Instruments Co., New York, N. Y. Medical and surgical appliances. 172,422; Aug. 28; Serial No. 175,025; published May 15, 1923.

Pfeffer Milling Company, Lebanon, Ill. Wheat flour. 167,427; May 1; Serial No. 165,032; published Jan. 2, 1923.

Pfeffer Milling Company, Lebanon, Ill. Wheat flour. 170,833; July 24; Serial No. 170,080; published Feb. 27, 1923.

Pfeiffer, Frederick, & Co. Inc., New York, N. Y. Syringes. 168,416; May 22; Serial No. 172,685; published Feb. 20, 1923.

Pfeiffer, S., Manufacturing Company, St. Louis, Mo. Medicinal tonic. 165,859; Mar. 20; Serial No. 131,040; published Dec. 6, 1922.

Pfeiffer, S., Mfg. Co., St. Louis, Mo. Vermin poison. 164,235; Feb. 13.

Pfeiffer, S., Mfg. Co., St. Louis, Mo. Medicinal preparation for the treating of croup, colds, and inflammation. 170,205; July 10; Serial No. 173,207; published Mar. 27, 1923.

Pfund Nursery Co., Oak Park, Ill. Nursery products. 170,528; July 17; Serial No. 174,028; published Apr. 24, 1923.

Pfyffer, Siegfried, Zurich, Switzerland. Metallic soldering alloys. 170,416; July 17; Serial No. 173,053; published Apr. 17, 1923.

Phelps, Phoebe, Caramel Co., Boston, Mass. Caramels. 173,787; Oct. 2; Serial No. 177,243; published July 3, 1923.

Phenix Cheese Co., New York, N. Y. Butter. 171,687; Aug. 7.

Phenix Cheese Co., New York, N. Y. Cheese. 176,724; Nov. 27; Serial No. 172,392; published July 24, 1923.

Philadelphia Carpet Company, Philadelphia, Pa. Wilton carpets. 169,531; June 19; Serial No. 166,604; published Mar. 20, 1923.

Philadelphia Mineral Flooring Company, Philadelphia, Pa. Dry powdery cementitious material. 165,917; Mar. 20.

Philadelphia Paper Manufacturing Company, Philadelphia and Manayunk, Pa. Paperboard. 173,273; Sept. 18; Serial No. 174,855; published June 19, 1923.

Philadelphia Quartz Company, Philadelphia, Pa. Sodium silicate. 173,425; Sept. 25; Serial No. 158,727; published June 26, 1923.

Philadelphia Quartz Company, Philadelphia, Pa. Publications and printed literature. 173,608; Oct. 2; Serial No. 158,728; published July 3, 1923.

Philadelphia Rug Mills, Inc., Philadelphia, Pa. Wool rugs. 168,403; May 22; Serial No. 171,459; published Feb. 20, 1923.

Philadelphia Storage Battery Co., Philadelphia, Pa. Storage batteries. 165,176; Mar. 6; Serial No. 170,540; published Dec. 19, 1922.

Philadelphia Storage Battery Co., Philadelphia, Pa. Batteries and battery parts and supplies. 174,566; Oct. 23; Serial No. 177,617; published July 10, 1923.

Philip Morris & Co. Ltd., New York, N. Y. Cigarettes. 173,131; Sept. 18; Serial No. 179,416; published June 12, 1923.

Philipp, Gustav A. (See Schulz, F. A., and Philipp.)

Philippe, Louis, New York, N. Y. Massage for the face and body. 170,385; July 17; Serial No. 170,542; published Apr. 10, 1923.

Philippe, Louis, New York, N. Y. Hair tonic. 168,444; May 22; Serial No. 170,541; published Feb. 20, 1923.

Philippe, Louis, Inc., New York, N. Y. Rouge, powder, and rouge compacts, brilliantines, etc. 173,323; Sept. 25; Serial No. 173,105; published June 26, 1923.

Philippe, Louis, Inc., New York, N. Y. Tooth paste and tooth powder. 167,584; May 1; Serial No. 170,153; published Jan. 30, 1923.

Philipps Aktien-Gesellschaft, Frankfort-on-the-Main, Germany. Electrical lamps, electromotors, dynamos, etc. 170,217; July 10; Serial No. 150,286; published Apr. 3, 1923.

Philipps Aktien-Gesellschaft, Frankfort-on-the-Main, Germany. Orchestrions, pianos, organs, etc. 172,694; Sept. 11; Serial No. 135,212; published May 29, 1923.

Philips, Josiah G., doing business as World Refining Company, Easton, Pa. Lubricating oils and greases. 177,422; Dec. 18; Serial No. 160,080; published Sept. 19, 1922.

Philips, Ralph S., New York, N. Y. Underwear of textile material for women and girls. 173,436; Sept. 25; Serial No. 174,750; published June 26, 1923.

Philipsborn's Inc. (now by change of name The Former Corporation), Chicago, Ill., assignor to Philipsborn's Inc. Ladies' and misses' underwear. 169,092; June 5.

Philipsborn's, Inc., Chicago, Ill. Fur coats, scarfs, muffs, chokers, and dolmans. 171,847; Aug. 14; Serial No. 171,036; published May 15, 1923.

Philipsborn's, Inc., Chicago, Ill. Serges, satins, and silks in the piece. 171,897; Aug. 14.

Philipsborn's, Inc., Chicago, Ill. Young men's suits and overcoats. 175,203; Oct. 30; Serial No. 175,155; published Aug. 7, 1923.

Phillips, A. (See Phillips, Anna.)

Phillips, Anna, doing business as A. Phillips, New York, N. Y. Ladies' neckwear. 163,151; Jan. 2.

Phillips, Charles H., Chemical Company, The, New York, N. Y. Preparation of magnesia. 24,049; renewed Jan. 16, 1924.

Phillips, Charles H., Chemical Company, The, New York, N. Y. Essential oils and chemicals. 24,395; renewed Mar. 20, 1924.

Phillips, Charles H., Chemical Co., The, Glenbrook, Conn., and New York, N. Y. Preparations of magnesia, preparations of cod-liver oil; and tonic medicines. 176,216; Nov. 20; Serial No. 178,463; published Sept. 11, 1923.

Phillips, Charles H., Chemical Co., The, Glenbrook, Conn., and New York, N. Y. Preparations of magnesia, preparations of cod-liver oil, and tonic medicines. 176,217; Nov. 20; Serial No. 178,466; published Sept. 11, 1923.

Phillips, Charles H., Chemical Co., The, Glenbrook, Conn., and New York, N. Y. Cocoa and chocolate. 176,613; Nov. 27; Serial No. 178,465; published Sept. 11, 1923.

Phillips, Charles H., Chemical Co., The, Glenbrook, Conn., and New York, N. Y. Cocoa and chocolate. 176,706; Nov. 27; Serial No. 178,464; published Sept. 11, 1923.

Phillips & Hart, Jacksonville, Fla. Hosiery. 172,207; Aug. 28; Serial No. 173,297; published May 29, 1923.

Phillips, I. & M. (See Phillips, Manning.)

Phillips Insulated Wire Company, Pawtucket, R. I. Insulated wire and insulated wire cables. 23,857; renewed Nov. 21, 1923.

Phillips-Jones Corporation, New York, N. Y. Clothing and wearing apparel—namely, coats and suits, hats and caps, etc. 163,827–8; Jan. 30.

Phillips-Jones Corporation, New York, N. Y. Cotton piece goods. 166,214; Mar. 27; Serial No. 169,032; published Dec. 12, 1922.

Phillips-Jones Corporation, New York, N. Y. Neckbands. 166,700; Apr. 10; Serial No. 167,782; published Jan. 9, 1923.

Phillips-Jones Corporation, New York, N. Y. Dress, negligee, and work shirts, collars, cuffs, pyjamas, and nightshirts. 166,701; Apr. 10; Serial No. 167,781; published Jan. 23, 1923.

Phillips-Jones Corporation, New York, N. Y. Dress, negligee, and work shirts, collars, pyjamas, and nightshirts. 169,173; June 12; Serial No. 169,033; published Mar. 20, 1923.

Phillips-Jones Corporation, New York, N. Y. Shirts, nightshirts, pyjamas, and boys' blouses. 171,776; Aug. 14; Serial No. 173,145; published May 22, 1923.

Phillips-Jones Corporation, New York, N. Y. Collars. 172,169–70; Aug. 21.

Phillips-Jones Corporation, New York, N. Y. Shirts, blouses, and pyjamas. 176,137; Nov. 20; Serial No. 183,122; published Sept. 11, 1923.

Phillips, Leo F., & Co., New York, N. Y. Beads and bead trimmings. 173,623; Oct. 2; Serial No. 165,599; published July 3, 1923.

Phillips, Manning, doing business as I. & M. Phillips, New York, N. Y. Women's shirts, trousers, and jackets. 170,880; July 24; Serial No. 157,581; published Apr. 24, 1923.

Phillips, Patents Limited, London, England. India-rubber tips and pads for heels of boots and shoes. 163,383; Jan. 9.

Phillips' Patents Limited, London, England. India-rubber plates or pads for attachment to the soles of boots and shoes. 168,316; May 22; Serial No. 168,234; published Nov. 14, 1922.

Phillips & Slack, Inc., Northfield, Vt. Monumental blocks of granite. 175,826; Nov. 13; Serial No. 182,548; published Sept. 4, 1923.

Philsbern Products Co. (See Bern, Philip S.)

Phinney-Walker Company, New York, N. Y. Clocks. 176,764; Nov. 27.

Phinney-Walker Company, New York, N. Y. Clocks. 176,766–7; Nov. 27.

Phoenix Flour Mill, Evansville, Ind. Wheat flour. 176,451; Nov. 27; Serial No. 176,914; published Aug. 14, 1923.

Phoenix Glass Company, The, Monaca, Pa. Shades, globes, and other glassware. 23,832; renewed Nov. 21, 1923.

Phoenix Ice Machine Co., The, Cleveland, Ohio. Ice and refrigerating machinery, ammonia compressors, receivers, and condensers, etc. 172,019; Aug. 21; Serial No. 170,785; published May 22, 1923.

Phoenix Metal Stamping Co., Inc., Philadelphia, Pa. Sanitary cans. 166,233; Mar. 27; Serial No. 165,303; published Oct. 17, 1922.

Phorylles, S. L., Inc., New York, N. Y. Children's dresses of cotton and silk. 164,868; Feb. 27.

Phospho-Albumen Company, Incorporated, The, Newburgh, N. Y. Pharmaceutical preparations for the treatment of nervous diseases, etc. 169 831; July 3; Serial No. 173,146; published Mar. 13, 1923.

Phospho-Albumen Company, Inc., The, Newburgh, N. Y. Pharmaceutical preparation for strengthening the genital glands, etc. 169,835; July 3; Serial No. 173,005; published Mar. 6, 1923.

Phospho-Albumen Company, Inc., The, Newburgh, N. Y. Pharmaceutical preparation. 172,223; Aug. 28; Serial No. 174,258; published Apr. 24, 1923.

Phospho Food Co. Inc., Los Angeles, Calif. Cereal breakfast food. 165,656; Mar. 13.

Phospho Food Co. Inc., Los Angeles, Calif. Breakfast Cereal. 165,820; Mar. 20; Serial No. 165,717; published Jan. 30, 1923.

Phospho Food Co., Inc., Los Angeles, Calif. Breakfast cereal. 167,121; Apr. 24; Serial No. 164,950; published Jan. 2, 1923.

Photoplast Corporation of America, The, New York, N. Y. Stage apparatus for the production of scenic effects. 164,334; Feb. 20.

Physical Culture Corporation, New York, N. Y. Monthly magazine. 165,218; Mar. 6; Serial No. 165,815; published Dec. 5, 1922.

Physical Culture Corporation, New York, N. Y. Weekly magazine. 165,219; Mar. 6; Serial No. 165,814; published Dec. 5, 1922.

Physical Culture Corporation, New York, N. Y. Monthly magazine. 165,220–1; Mar. 6; Serial No. 165,812–3; published Dec. 5, 1922.

Physician's Radiopathic Company, Los Angeles, Calif. Radioactive pads for surgical or medical use. 166,497; Apr. 3; Serial No. 162,265; published Jan. 9, 1923.

PhysiKurate Limited, London, England. Preparation for the treatment of uric-acid complaints. 165,436; Mar. 13; Serial No. 165,712; published Jan. 2, 1923.

Physio-Chemical Laboratories, Salt Lake City, Utah. Granulated effervescent salt compound used as a blood salt. 166,988; Apr. 17.

Piasa Wholesale Candy Co., Inc., Alton, Ill. Candy. 163,384; Jan. 9.

Picard, Henri, New York, N. Y. Hats and caps. 174,730–1; Oct. 23; Serial Nos. 160,428–9; published July 31, 1923.

Pickaninny Freeze Company of America, Salt Lake City, Utah. Ice cream or analogous confections—namely, individual frozen dainties. 165,796; Mar. 20; Serial No. 163,172; published Dec. 26, 1922.

Pickering, Joseph, & Sons, assignor to Joseph Pickering & Sons, Limited, Sheffield, England. Preparation for whitening and coloring buckskin leather. 18,578; renewed Nov. 4, 1920.

Pickup, Harry, doing business as Harpic Manufacturing Co., London, England. Lavatory cleanser. 171,868; Aug. 14; Serial No. 174,259; published May 15, 1923.

Pictogram Company, The. (See Talman, Charles F.)

Pictorial Review Company, The, New York, N. Y. Dress patterns. 171,863; Aug. 14; Serial No. 174,526; published May 22, 1923.

Pidgeon, C. T., Millinery Co., Fort Wayne, Ind. Hats for women. 172,124; Aug. 21; Serial No. 175,103; published May 22, 1923.

Pied Pipers of America, New York, N. Y. Roach-exterminating poison. 166,697; Apr. 10; Serial No. 166,903; published Jan. 30, 1923.

Piedmont Manufacturing Company, Piedmont, S. C. Sheetings. 163,483; Jan. 16.

Piedmont Mills, Inc., Lynchburg, Va. Self-rising biscuit flour. 165,951; Mar. 27; Serial No. 135,167; published Nov. 7, 1922.

Pierce-Arrow Motor Car Company, The, Buffalo, N. Y. Gas and oil lamps. 166,517; Apr. 3; Serial No. 159,523; Mar. 28, 1922.

Pierce Company, The, East Rochester, N. Y. Oils for treating artificial and real leather. 165,073; Mar. 6; Serial No. 160,968; published Nov. 28, 1922.

Pierce Company, The, East Rochester, N. Y. Oils for treating artificial and real leather. 167,915; May 8; Serial No. 169,224; published Jan. 2, 1923.

Pierce Governor Company, The, Anderson, Ind. Device used in connection with internal-combustion engines for stopping the same. 168,181; May 15; Serial No. 169,321; published Feb. 13, 1923.

Pierce, James H., Bay City, Mich. Motor trucks. 169,134; June 12; Serial No. 138,098; published Mar. 27, 1923.

Pierce & Pierce, Prairie Depot, Ohio. Fresh eggs, baby chicks, and grown chickens. 165,643; Mar. 13.

Pierce, S. S., Co., Boston, Mass. Cold cream, lemon cream, nodor (deodorant cream), rose water, etc. 164,424; Feb. 20.

Pierce, S. S., Co., Boston, Mass. Cigars. 176,139; Nov. 20; Serial No. 183,043; published Sept. 11, 1923.

Pierini, Attilio, doing business as Great Northern Fur Dyeing and Dressing Company, Brooklyn, N. Y. Fur skins and pelts imitating seal. 169,349; June 12; Serial No. 171,387; published Mar. 13, 1923.

Pierini, Attilio, doing business as Great Northern Fur Dyeing and Dressing Company, Brooklyn, N. Y. Raw fur skins, and pelts. 169,350; June 12; Serial No. 171,388; published Mar. 13, 1923.

Pierini, Attilio, New York, N. Y. Furs and pelts. 174,955; Oct. 30; Serial No. 163,173; published Aug. 7, 1923.

Pietzuch Wonder Arch Guide Heel Company, The, Cincinnati, Ohio. Heels made of rubber or analogous material. 176,644; Nov. 27; Serial No. 143,996; published Sept. 18, 1923.

Piggly Wiggly Corporation, Memphis, Tenn. Butter. 165,402; Mar. 6; Serial No. 156,544; published Oct. 31, 1922.

Pike Manufacturing Company, The Pike Station, Haverhill, N. H. Oilstones and whetstones. 23,448; renewed Aug. 1, 1923.

Pike Manufacturing Company, Pike and Littleton, N. H.; Evansville, Vt.; New York, N. Y.; Orleans, Ind.; and Hot Springs, Ark. Oilstones, scythestones, whetstones, axstones, etc. 170,680; July 17; Serial No. 173,783; published Apr. 24, 1923.

Pike Manufacturing Company, Pike and Littleton, N. H.; Evansville, Vt.; New York, N. Y.; Orleans, Ind.; and Hot Springs, Ark. Oilstones, scythestones, whetstones, axstones, etc. 171,350; Aug. 7; Serial No. 173,362; published Apr. 24, 1923.

Pilcher, Albert S., New Orleans, La. Piano polish. 167,758; May 8; Serial No. 170,504; published Feb. 13, 1923.

Pile, J. C., Remedy Co. (See Cunningham, Jesse.)

Pilger, Herbert, Plainview, Nebr. Fly-chasing attachments to be attached to screen doors. 171,893; Aug. 14; Serial No. 172,012; published May 15, 1923.

Pillsbury Flour Mills Company, Minneapolis, Minn. Mixed feed. 167,310; Apr. 24.

Pillsbury Flour Mills Company, Minneapolis, Minn. Semolina. 172,495–6; Aug. 28.

Pillsbury Flour Mills Company, Minneapolis, Minn. Flour made from wheat. 172,951; Sept. 11; Serial No. 174,334; published June 5, 1923.

Pillsbury Flour Mills Company, Minneapolis, Minn. Flour made from wheat. 175,706; Nov. 6.

Pillsbury Flour Mills Company, Minneapolis, Minn. Flour made from wheat. 176,729; Nov. 27; Serial No. 173,377; published Aug. 7, 1923.

Pincus & Otto, Hamburg, Germany. Gloves. 175,305; Nov. 6; Serial No. 164,001; published Aug. 14, 1923.

Pine Balm Company, The, Shady Dale, Ga. Antiseptic oil for all pains, influenza, asthma, etc. 169,941; July 3.

Pineberry Punch Syrup Co. (See Wolf, Lewis.)

Pine-O Chemical Company. (See Boyd, A. C.)

Pingo Company. (See Crocker, Josiah H.)

Pinkerton Electric Equipment Co., New York, N. Y. Radio receiving sets and parts thereof. 164,646; Feb. 27.

Pinkham Vulcan Compound Co. Inc., Brooklyn, N. Y. Chemical compound for normalizing steel, etc. 167,524; May 1; Serial No. 165,811; published Jan. 9, 1923.

Pinkus, Max, doing business as John Price & Co., Philadelphia, Pa. Canned salmon. 171,124; July 31; Serial No. 175,735; published May 15, 1923.

Pioneer Broom Co., Inc., Amsterdam, N. Y. Whisk brooms. 172,176; Aug. 21.

Pioneer Broom Co. Inc., The, Amsterdam, N. Y. Brooms and parts thereof. 172,184; Aug. 21.

Pioneer Creamery Co., Galesburg, Ill. Butter, eggs, and raw cream. 165,103; Mar. 6; Serial No. 143,781; published Nov. 7, 1922.

Pioneer Creamery Co., Galesburg, Ill. Butter, eggs, both fresh and storage, and raw cream. 167,357; May 1; Serial No. 143,783; published Dec. 19, 1922.

Pioneer Manufacturing Company, The, Cleveland, Ohio. Roofing cement. 168,213; May 15; Serial No. 141,870; published Feb. 6, 1923.

Pioneer Motor Bearing Co., San Francisco, Calif. Motor bearings. 163,882; Feb. 6.

Pioneer Pad Co., The. (See Schwahn-Seyberth Mfg. Co.)

Pioneer Radio Corporation, New York, N. Y. Radio supplies. 164,860; Feb. 27.

Pioneer Radio Corporation, Galesburg, Ill. Variometers and variocouplers. 177,616; Dec. 25; Serial No. 182,606; published Oct. 9, 1923.

Pioneer Soap Company, The, Dayton, Ohio. Preparation for cleaning and polishing metal, glass, enamel ware, etc. 167,796; May 8; Serial No. 163,824; published Jan. 30, 1923.

Piquette Mitchel Company. (See Mitchel, C. Piquette.)

Pirazzi, Gustav, & Comp., Offenbach-on-the-Main, Germany. Violins and similar instruments, guitars, mandolins, harps, and strings for said instruments. 167,429; May 1; Serial No. 164,825; published Jan. 30, 1923.

Pistoia, Dante, San Francisco, Calif. Medicine used in the treatment of piles and flatulency. 173,339; Sept. 25; Serial No. 173,298; published May 1, 1923.

Pitet, Robert Y. L., Paris, France. Artists' and house-painters' brushes. 165,481; Mar. 13; Serial No. 167,998; published Jan. 2, 1923.

Pitet, Robert Y. L., Paris, France. House-painters' brushes. 165,482; Mar. 13; Serial No. 167,997; published Jan. 2, 1923.

Pitney-Bowers Postage Meter Co., Stamford, Conn. Postmarking and stamping machines. 164,573; Feb. 20.

Pittman Chemical Company, Birmingham, Ala. Fluid formula and preparation for killing house flies, mosquitoes, roaches, etc. 164,106; Feb. 13.

Pitts, A. E., Shoe Co., The, Columbus, Ohio. Shoes. 172,815–16; Sept. 11; Serial Nos. 172,437–8; published June 5, 1923.

Pitts, A. E., Co., The, Columbus, Ohio. Shoes. 172,818; Sept. 11; Serial No. 172,436; published June 5, 1923.

Pitts, A. E., Shoe Co., The, Columbus, Ohio. Shoes, 172,929; Sept. 11; Serial No. 172,435; published June 5, 1923.

Pittsburg Specialty Co., Pittsburg, Kans. Preparation for renewing the finish of painted, varnished, or lacquered surfaces. 166,165; Mar. 27; Serial No. 165,719; published Dec. 19, 1922.

Pittsburg Storage Company, Pittsburg, Tex. Sweet potatoes in their natural state. 163,386; Jan. 9.

Pittsburgh-Des Moines Steel Company, Pittsburgh, Pa. Manufactured structural steel for buildings, bridges, towers, etc. 167,867; May 8; Serial No. 168,940; published Feb. 20, 1923.

Pittsburgh Lamp, Brass & Glass Company, Pittsburgh, Pa. Oil stand and oil hanging lamps, portable gas lamps, oil stoves. 163,385; Jan. 9.

Pittsburgh Oil Refining Corporation, Baltimore, Md. Lubricant or grease for gear cases of automobiles. 170,213; July 10; Serial No. 144,423; published Sept. 19, 1922.

Pittsburgh Plate Glass Company, Pittsburgh, Pa. Liquid paint. 163,152; Jan. 2.

Pittsburgh Plate Glass Company, Pittsburgh, Pa. Glass for walls, partitions, floors, etc. 163,523; Jan. 16.

Pittsburgh Plate Glass Company, Pittsburgh, Pa. Liquid and paste paints. 170,296; July 10; Serial No. 175,518; published Apr. 17, 1923.

Pittsburgh Plate Glass Company, Pittsburgh, Pa. Varnish. 170,318; July 10; Serial No. 175,517; published Apr. 3, 1923.

Pittsburgh Plate Glass Company, Pittsburgh, Pa. Liquid and paste paints. 170,768; July 24; Serial No. 177,451; published Apr. 24, 1923.

Pittsburgh Plate Glass Co., Rennous-Kleinle Division, Baltimore, Md. Paint, varnish, whitewash, sash, fitch fresco, calcimine and other brushes. 164,329; Feb. 20.

Pittsburgh Plate Glass Co., Rennous-Kleinle Division, Baltimore, Md. Paint, varnish, whitewash, sash, calcimine, etc., brushes. 175,404; Nov. 6; Serial No. 162,197; published Aug. 21, 1923.

Pittsburgh Shovel Company, The, Pittsburgh, Pa. Shovels. 163,991; Feb. 6.

Pittsford Purity Pie Company, Indianapolis, Ind. Pies. 165,947; Mar. 20.

Placer County Mountain Fruit Co., New Castle, Calif. Fresh fruits—viz, pears, cherries, peaches, plums, etc. 166,261; Mar. 27; Serial No. 164,948; published Dec. 19, 1922.

Plainville Electric Products Company, The, Plainville, Conn. Knife switches, panel boards, switchboards, and fuse reducers. 171,073; July 31; Serial No. 171,432; published Apr. 24, 1923.

Plant, Theis & Gould Paper Company, Chicago, Ill. Writing, bond, and ledger paper. 175,316; Nov. 6; Serial No. 181,147; published Aug. 21, 1923.

Plant, Theis & Gould Paper Company, Chicago, Ill. Tympan paper. 175,317; Nov. 6; Serial No. 181,146; published Aug. 21, 1923.

Plant, Thomas G., Company, Boston, Mass. Boots, shoes, and slippers. 165,297; Mar. 6; Serial No. 165,156; published Nov. 7, 1922.

Plant, Thomas G., Company, Boston, Mass. Boots, shoes, slippers, and spats. 166,308; Mar. 27.

Plant, Thomas G., Company, Boston, Mass. Boots, shoes, and slippers. 176,124; Nov. 20; Serial No. 167,422; published July 31, 1923.

Plant, Thomas G., Company, Boston, Mass. Hosiery. 176,660; Nov. 27; Serial No. 181,958; published Sept. 18, 1923.

Planten, H., & Son, Inc., Brooklyn, N. Y. Haarlem oil in capsules. 172,752; Sept. 11; Serial No. 165,204; published May 22, 1923.

Planters and Merchants Mills, New Braunfels and San Antonio, Tex. Gingham cloth in the piece. 171,445; Aug. 7; Serial No. 159,429; published Aug. 29, 1922.

Planters Nut & Chocolate Company, Wilkes-Barre, Pa. Candy. 173,377; Sept. 25; Serial No. 176,567; published July 13, 1923.

Planters Nut & Chocolate Company, Wilkes-Barre, Pa. Candy. 173,887; Oct. 2; Serial No. 176,568; published July 3, 1923.

Plaskul Game Company. (See Johnson, Anna L. R.)

Platinide Co. Inc., The, Providence, R. I. Platers' bars, sheet metal, metal rods, and ingots. 171,875; Aug. 14; Serial No. 173,719; published May 8, 1923.

Platt, E. F., doing business as Northwest Nitrox Company, Portland, Me. Nitrous oxide and medicinal oxygen. 176,414; Nov. 27; Serial No. 178,770; published Aug. 28, 1923.

Platt, Harry B., New York, N. Y. Men's and boys' outer garments. 173,409; Sept. 25; Serial No. 176,916; published June 26, 1923.

Platt's, Chicago, Ill. Hosiery. 170,143; July 10; Serial No. 163,170; published Apr. 10, 1923.

Plax Company, Inc., The, doing business as The Clax Company, New York, N. Y. Laxative tablets. 163,153; Jan. 2.

Play-O-Lite Company, Worcester, Mass. Electric-motor-driven tools and kitchen utensils. 165,285; Mar. 6; Serial No. 152,858; published Nov. 14, 1922.

Plaza Music Company, New York, N. Y. Phonographs. 175,730; Nov. 13; Serial No. 179,110; published Aug. 21, 1923.

Pleasant Grove Canning Co., Pleasant Grove, Utah. Fresh deciduous and citrous fruits, fresh vegetables, canned fruits, and vegetables, etc. 171,186; July 31; Serial No. 171,952; published May 1, 1923.

Pleasant Grove Canning Company, Pleasant Grove, Utah. Fresh deciduous and citrous fruits, fresh vegetables, etc. 173,842; Oct. 2; Serial No. 171,951; published July 3, 1923.

Plenge's Pharmacy, Inc., Charleston, S. C. Ant mats and containers. 172,748; Sept. 11; Serial No. 166,605; published May 29, 1923.

Pletcher, Eugene M., doing business as Breathe-O-Tol-Co., Philadelphia, Pa. Inhalers for the treatment of colds, catarrh, hay fever, influenza, etc. 164,511; Feb. 20.

Pliable Arch Support Company, Indianapolis, Ind. Arch supports. 168,585; May 29; Serial No. 163,471; published Feb. 13, 1923.

Plough Chemical Company, doing business as Pluko Manufacturing Company, Memphis, Tenn. Hair dressing. 165,008; Feb. 27.

Plowman, Arthur S., doing business as Plowman Nut Co., New York, N. Y. Salted and unsalted nuts. 165,851; Mar. 20; Serial No. 153,155; published Dec. 26, 1922.

Plowman Nut Co. (See Plowman, Arthur S.)

Pluko Manufacturing Company. (See Plough Chemical Company.)

Plumb, Fayette R., Incorporated, Philadelphia, Pa. Files. 170,069; July 10; Serial No. 165,504; published Apr. 10, 1923.

Plushkell, August B., doing business as Flatopn Binder Company, Los Angeles, Calif. Loose-leaf binders. 177,391; Dec. 18; Serial No. 181,864; published Oct. 2, 1923.

Plymouth Gypsum Co., The, Fort Dodge, Iowa. Plaster, 168,666; May 29; Serial No. 153,618; published Dec. 26, 1922.

Plymouth Gypsum Co., The, Fort Dodge, Iowa. Plaster. 168,667; May 29; Serial No. 153,617; published Jan. 9, 1923.

Pneulec Machine Company Limited, The, Birmingham, England. Molding machines, core-making machines, sand mixing and conveying machines, etc. 174,513; Oct. 16; Serial No. 178,356; published July 24, 1923.

Pneumatic Cushion Company, San Francisco, Calif. Air springs for vehicles. 167,954; May 8.

Pneumocol Company. (See Strain, Lewis K.)

Poage-Wall Milling Co., Catlettsburg, Ky. Wheat flour. 167,131. Apr. 24; Serial No. 157,772; published Dec. 19, 1922.

Podawinnikoff, Fred, Kamsack, Saskatchewan, Canada. Liquid medicinal preparations for the treatment of open wounds of animals. 168,210; May 15; Serial No. 152,479; published Jan. 2, 1923.

Podesta Import Company, San Francisco, Calif. Mushroom sauce, olive oil, dry mushrooms, concentrated paste, etc. 167,084; Apr. 24; Serial No. 152,586; published Dec. 26, 1922.

Poe Chemical Company. (See Bryant, Frank H.)

Pogo Company, The, New York, N. Y. Jumping stick. 176,107; Nov. 20; Serial No. 154,757; published June 20, 1922.

Pohlman, John W., doing business as J. W. Pohlman Co., Indianapolis, Ind. Brake linings. 173,082; Sept. 11.

Pohlmann, Herman G., Chicago, Ill. Writing paper. 172,257; Aug. 28; Serial No. 148,851; published May 29, 1923.

Pohlmann, Herman G., Chicago, Ill. Writing paper. 174,930; Oct. 23.

Point Adams Packing Co., Hammond, Oreg. Canned salmon. 166,248; Mar. 27; Serial No. 163,350; published Dec. 12, 1922.

Poiret, Paul, doing business as Les Perfums de Rosine, Paris, France. Perfumes and toilet waters. 177,454–5; Dec. 18; Serial Nos. 178,467–8; published Sept. 25, 1923.

Poirette Corsets, Inc., New York, N. Y. Corsets, brassières, girdles, and confiners. 163,615; Jan. 23.

Alphabetical list of registrants of trade-marks—Continued.

Polak's Frutal Works, Amersfoort, Netherlands. Natural and synthetic essential oils and materials suitable for the production of perfumes. 170,450; July 17; Serial No. 172,240; published Apr. 10, 1923.

Poland Paper Company, Mechanic Falls, Me. Bond, ledger, and writing paper. 167,154; Apr. 24; Serial No. 172,651; published Feb. 6, 1923.

Poland Paper Company, Mechanic Falls, Me. Bond, ledger, and writing paper. 168,419; May 22; Serial No. 172,489; published Feb. 6, 1923.

Poland Paper Company, Mechanic Falls, Me. Paper used for printing, writing, bookkeeping, and typewriting, and mailing envelopes. 168,851; May 29; Serial No. 174,099; published Mar. 6, 1923.

Poland Soap Works, Anniston, Ala. Washing powder, oil and liquid soap, etc. 175,992; Nov. 13; Serial No. 161,792; published Sept. 4, 1923.

Polar Cake Co., Denver, Colo. Edible article of manufacture or sweetmeat preferably composed of ice cream and cake incased in a chocolate coating. 170,120; July 10; Serial No. 163,944; published Dec. 6, 1922.

Polar Food Products Corp., Boston, Mass. Edible chocolate-lined shell adapted to contain ices. 176,423; Nov. 27; Serial No. 181,539; published Sept. 11, 1923.

Polaris Co., The. (See Muir, Chas. S.)

Polatsik, William, New York, N. Y. Soap. 167,283; Apr. 24.

Polizzi, Orazio, New York, N. Y. Picture postal cards. 168,036; May 8.

Polkase Mfg. Co., Inc., New York, N. Y. Sanitary bloomers. 164,379; Feb. 20.

Pollack, Dr., Health Products Corporation, New York, N. Y. Vaginal syringes and nozzles. 163,387; Jan. 9.

Pollack, Dr., Health Products Corp., New York, N. Y. Antiseptic, germicidal, and therapeutic compositions for vaginal douching. 167,652; May 8; Serial No. 168,064; publish Jan. 9, 1923.

Pollak Bros. Company, The, Fort Wayne, Ind. Dresses and waists. 173,866; Oct. 2; Serial No. 175,211; published July 10, 1923.

Pollak Steel Company, Cincinnati, Ohio. Forgings and castings. 164,406; Feb. 20.

Pollard, Frank L., Co., Inc., Oakland, Calif. Clothes racks for drying clothes. 167,902; May 8; Serial No. 169,374; published Feb. 6, 1923.

Pollock Pen Company. (See Pollock, Robert T., assignor.)

Pollock, Robert T., assignor to Pollock Pen Company, Boston, Mass. Writing inks. 165,341; Mar. 6; Serial No. 163,107; published Nov. 7, 1922.

Pollock, Robert T., assignor to Pollock Pen Company, Boston, Mass. Pens, nibs, pencils, and fountain pens. 165,557; Mar. 13; Serial No. 156,015; published Dec. 12, 1922.

Pollock, Wm., Milling & Elevator Co., Mexico, Mo. Graham wholewheat flour. 166,983; Apr. 17.

Polo Manufacturing Company, Clinton, Iowa. Trousers. 175,468; Nov. 6; Serial No. 182,113; published Aug. 28, 1923.

Polygon Products Co., Boston, Mass. Cement packing for joints. 172,144; Aug. 21; Serial No. 177,514; published May 29, 1923.

Polygon Products Co., Boston, Mass. Preparation for cleaning fabric, leather, and woodwork, etc. 173,754; Oct. 2; Serial No. 177,515; published July 3, 1923.

Polyphonwerke Aktiengesellschaft, Berlin, Germany. Phonographic note disks, note cylinders, sound plates or records, etc. 167,353; May 1; Serial No. 145,585; published Jan. 30, 1923.

Polyphonwerke Aktiengesellschaft, Berlin, Germany. Phonographs, coin-operated talking and musical machines and phonograph needles. 171,039; July 31; Serial No. 145,583; published Apr. 24, 1923.

Pom Chemical Co. Inc., The, Lebanon, Pa. Renovating, cleaning, and metal-polishing preparations. 173,969; Oct. 2; Serial No. 168,124; published May 15, 1923.

Pomeroy & Van Deusen, assignor to H. M. Van Deusen Whip Co., Westfield, Mass. Whips. 21,844; renewed Oct. 4, 1922.

Pond, E. K., Company, Chicago, Ill. Peanut butter. 171,627; Aug. 7; Serial No. 176,427; published May 22, 1923.

Pond, Harry A., Bay City, Mich. Pile remedy. 176,992; Dec. 11; Serial No. 179,425; published Sept. 18, 1923.

Pond's Extract Company, Dover, Del., and New York, N. Y. Face powders. 164,625; Feb. 20.

Pongee Waist House, Inc., New York, N. Y. Ladies' wearing apparel—namely, waists. 163,939; Feb. 6.

Pool, William W., Dallas, Tex. Cotton mattresses. 167,315; Apr. 24.

Poole Engineering and Machine Company, Baltimore and Woodberry, Baltimore, Md. Power and hand operated washing machines. 174,573; Oct. 23; Serial No. 179,428; published June 12, 1923.

Poor, Charles L., Co., New York, N. Y. Cotton piece goods. 168,301; May 15.

Poor, Charles L., Co., New York, N. Y. Cotton piece goods. 170,183; July 10; Serial No. 176,035; published Apr. 10, 1923.

Poor, Charles L., Co., New York, N. Y. Cotton piece goods. 170,184; July 10; Serial No. 176,038; published Apr. 10, 1923.

Poor, Charles L., Co., New York, N. Y. Cotton piece goods. 173,473; Sept. 25; Serial No. 176,214; published June 26, 1923.

Poor, Charles L., Co., New York, N. Y. Cotton piece goods. 173,477; Sept. 25; Serial No. 176,042; published June 19, 1923.

Poor, Charles L., Co., New York, N. Y. Cotton piece goods. 177,221; Dec. 11; Serial No. 176,040; published Sept. 18, 1923.

Poor, Roger A., doing business as Oral Laboratories, Salem, Mass. Medicated chewing gum for gum and teeth diseases. 167,658; May 8; Serial No. 167,829; published Jan. 9, 1923.

Pope, Angelo D., New York, N. Y. Gelatinous compound and nonalcoholic preparation for the relief of dyspepsia, loss of appetite, etc. 176,304; Nov. 20; Serial No. 179,282; published Aug. 21, 1923.

Popel-Giller Co., Warsaw, Ill. Malt sirup for food purposes. 168,362; May 22; Serial No. 165,412; published Feb. 27, 1923.

Popp, William J., doing business as Fort Orange Chemical Company, Albany, N. Y. Hand soap. 168,599; May 29; Serial No. 168,430; published Feb. 13, 1923.

Popper, E., & Co. Inc., New York, N. Y. Cigars. 163,524; Jan. 16.

Popper, E., & Co. Inc., New York, N. Y. Cigars. 164,800; Feb. 27.

Poppert, Henry A., & Son Company, Milwaukee, Wis. Steam-pressure cooker. 168,944; May 29; Serial No. 172,686; published Mar. 6, 1923.

Popsicle Corporation, The, New York, N. Y. Lollypops. 177,230; Dec. 11; Serial No. 181,614; published Sept. 25, 1923.

Popular Brassiere Company. (See Levy, Leo E.)

Popular Products Company. (See Tauch, Werner C.)

Porcupine Medicine Co. (See De Brule, August G.)

Poro College. (See Malone, Annie M.)

Portage Shoe Mfg. Company, Portage, Wis. Shoes made wholly or in part of leather. 171,570; Aug. 7; Serial No. 173,530; published May 1, 1923.

Porter Brothers, Inc., Framingham, Mass., and New York, N. Y. Sweaters, dress, negligee, and sport shirts for men, ladies' waists, blouses, and sport skirts. 164,225; Feb. 13.

Porter Electric Carbureter, Inc., New York, N. Y. Liquid-level indicators. 167,226; Apr. 24; Serial No. 169,777; published Jan. 30, 1923.

Porter Electric Carbureter, Inc., New York, N. Y. Liquid-level indicators. 169,223; June 12; Serial No. 158,142; published Mar. 20, 1923.

Porter, Henry K., Everett, Mass. Bolt clippers, wire cutters, pliers, and shears. 165,445; Mar. 13; Serial No. 165,153; published Dec. 19, 1922.

Porter, Kenneth E., doing business as Rustnot Products Company, Cleveland, Ohio. Table, kitchen, butcher, and hunting knives and forks. 173,195; Sept. 18; Serial No. 173,106; published June 19, 1923.

Porter's, Mrs., Salad Dressing, Inc., Seattle, Wash. Mayonnaise, salad, and Thousand Island dressings for salads. 175,698; Nov. 6.

Portland Cordage Co., The, Portland, Oreg. Rope and twine. 175,250; Oct. 30.

Portland Cordage Co., The, Portland, Oreg. Rope and twine. 175,260; Oct. 30.

Portland Cordage Co., The, Portland, Oreg. Rope and twine. 175,670; Nov. 6.

Portland Vegetable Oil Mills Co., Portland, Oreg. Coconut-oil cake, stock, and poultry feed, and meal. 175,719; Nov. 6.

Portland Woolen Mills, Portland, Oreg. Auto robes, blankets, and goods in the piece. 171,969; Aug. 14.

Portner, Robert, Brewing Company, Alexandria, Va. Lager beer. 23,870; renewed Nov. 28, 1923.

Porzellanfabrik Ph. Rosenthal & Co., A. G., Berlin, Germany. China. 171,500; Aug. 7; Serial No. 171,103 Published May 22, 1923.

Porzellanfabrik Ph. Rosenthal & Co., A. G., Berlin, Germany. China. 171,501; Aug. 7; Serial No. 171,102; published May 15, 1923.

Positype Corporation of America, The, New York, N. Y. Sensitized photographic paper in rolls and sheets and postal or mailing cards. 164,534; Feb. 20.

Positype Corporation of America, The, New York, N. Y. Photographic sensitized paper. 164,996; Feb. 27.

Positype Corporation of America, The, New York, N. Y. Photographic mountings of card or paper stock. 165,334; Mar. 6; Serial No. 162,136; published Nov. 14, 1922.

Posner, Dr. A., Shoes, Inc., New York, N. Y. Hosiery. 171,714; Aug. 14; Serial No. 149,772; published May 8, 1923.

Posselt, Alfred H., Boundbrook, N. J. Toilet preparations. 164,290; Feb. 20.

Post-Glover Electric Company, Cincinnati, Ohio. Electrical resistances. 168,414; May 22; Serial No. 172,764; published Feb. 20, 1923.

Post-Golden Rule Fuel Co. (See Goodwin, Harry L.)

Post-Time Publishing Co., Inc., New York, N. Y. Triweekly and daily publication. 170,050; July 10; Serial No. 175,323; published Apr. 17, 1923.

Post, Leo L., Forest Hills, N. Y., assignor by mesne assignments to Mint Products Co., Inc., Port Chester, N. Y. Cigarettes. 166,923; Apr. 17; Serial No. 155,446; published July 25, 1922.

Postel, Ph. H., Milling Co., Mascoutah, Ill. Self-rising wheat flour. 167,020; Apr. 24; Serial No. 162,134; published Dec. 12, 1922.

Postex Cotton Mills, Post, Tex. Cotton piece goods, pillowcases, and sheets. 170,344; July 10.

Postum Cereal Company Incorporated, Battle Creek, Mich. Corn flakes. 170,853; July 24; Serial No. 163,763; published Feb. 13, 1923.

Postum Cereal Company, Incorporated, New York, N. Y., and Battle Creek, Mich. Cereal breakfast foods. 172,234; Aug. 28; Serial No. 174,976; published May 15, 1923.

Potor Coffee Co. (See Lindstrom, Victoria C.)

Potter, C. D., Co., The, Stamford, Conn. Radio equipment. 172,304; Aug. 28; Serial No. 175,437; published May 29, 1923.

Potter, M. E., & Company., New York, N. Y. Ointment for eczema and all skin diseases. 165,714; Mar. 20; Serial No. 168,236; published Dec. 12, 1922.

Potter-McCune Company, McKeesport, Pa. Coffee, canned fruits, vegetables, and fish, table molasses. 171,020; July 31; Serial No. 167,687; published Apr. 3, 1923.

Potter-Wrightington, Inc., Charlestown, Boston, Mass. Bread wrappers. 170,466; July 17; Serial No. 164,187; published Apr. 10, 1923.

Potter-Wrightington, Inc., Boston, Mass. Bread and crackers. 171,064; July 31; Serial No. 164,186; published Mar. 27, 1923.

Potter-Wrightington, Inc., Boston, Mass. Bran for use in making bakery products. 172,469; Aug. 28; Serial No. 171,467; published May 8, 1923.

Pottgieser, Joseph M., Ocean Park, Calif. Medicinal preparation for the treatment of rheumatism, neuritis, etc. 175,100; Oct. 30; Serial No. 179,740; published Aug. 7, 1923.

Poultry, Producers of Southern California, Inc., Los Angeles, Calif. Fresh eggs. 167,130; Apr. 24; Serial No. 158,723; published Nov. 7, 1922.

Pound, George H., doing business as Tress Laboratories, Los Angeles, Calif. Hair tonic. 174,473; Oct. 16; Serial No. 178,280; published July 10, 1923.

Powcha Co., Little Neck, N. Y. Preparations for destroying worms, bugs, insects, etc., and for treatment of the soil. 164,453; Feb. 20.

Powell and Albert Co., The. (See Olmstead, Albert.)

Powell & Campbell, New York, N. Y. Leather shoes. 166,967; Apr. 17.

Powell, James H., Watertown, Mass. Cotton thread. 163,525; Jan. 16.

Powell Knitting Company, The, Philadelphia, Pa. Hosiery. 164,748; Feb. 27.

Powell Knitting Company, The, Philadelphia, Pa. Hosiery. 165,004; Feb. 27.

Powell Knitting Company, The, Philadelphia, Pa. Hosiery. 166,690; Apr. 10; Serial No. 166,246; published Jan. 9, 1923.

Powell Knitting Company, The, Philadelphia, Pa. Hosiery. 168,236; May 15; Serial No. 166,254; published Jan. 30, 1923.

Powell Knitting Company, The, Philadelphia, Pa. Hosiery. 168,356; May 22; Serial No. 166,247; published Feb. 20, 1923.

Powell Knitting Company, The, Philadelphia, Pa. Hosiery. 171,460; Aug. 7; Serial No. 168,237; published May 8, 1923.

Powell Knitting Company, The, Philadelphia, Pa. Hosiery. 171,467; Aug. 7; Serial No. 166,248; published May 8, 1923.

Powell Knitting Company, The, Philadelphia, Pa. Hosiery. 173,430; Sept. 25; Serial No. 166,250; published June 19, 1923.

Powell, Leopold, & Co., New York, N. Y. Cigars, cheroots, and little cigars. 171,038; July 31; Serial No. 149,480; published May 15, 1923.

Powell, Samuel S., Winterset, Iowa. Insecticide for fowls. 172,949; Sept. 11; Serial No. 174,409; published June 5, 1923.

Power, Edwin I., Solano, Calif. Fruits and nuts. 177,147; Dec. 11; Serial No. 156,017; published Sept. 11, 1923.

Power Supply Company, Terre Haute, Ind. Power belting, hose, packing, etc. 167,719; May 8; Serial No. 145,647; published Jan. 9, 1923.

Powers, Friend & Lichtman, New York, N. Y. Fringes and art needlework. 173,726; Oct. 2; Serial No. 179,426; published July 3, 1923.

Powers, Walter P., Chicago, Ill. Beverages. 177,416; Dec. 18; Serial No. 165,809; published Oct. 2, 1923.

Powers-Weightman-Rosengarten Co., Philadelphia, Pa. Barium-sulphate cream for radiologic examination. 175,400; Nov. 6; Serial No. 165,200; published Jan. 2, 1923.

Powner, Charles T. Co., The, Chicago, Ill. Books and magazines. 174,543; Oct. 16.

Prager, Wm. L., Hollywood, Calif. Moving-picture films. 164,954; Feb. 27.

Prairie Remedy Co., Batavia, Ill. Stock and poultry tonics and conditioners. 170,214; July 10; Serial No. 146,397; published Apr. 10, 1923.

Pratt Food Co., Philadelphia, Pa. Foods for chickens, ducks, turkeys, geese, pigeons, etc. 163,695; Jan. 23.

Pratt Food Co., Philadelphia, Pa. Foods for horses, mules, cattle, calves, ducks, birds, etc. 167,145; Apr. 24; Serial No. 156,339; published Dec. 19, 1922.

Pratt & Whitney Company, New York, N. Y. Caliper gauges. 174,107; Oct. 2; Serial No. 164,452; published July 3, 1923.

Precision Equipment Co., The, Cincinnati, Ohio. Spark plugs and wireless apparatus. 164,626; Feb. 20.

Precision Metal Workers, Chicago, Ill. Hand soap powder, hand soap paste, and carbolated soap paste. 167,567; May 1; Serial No. 167,648; published Dec. 26, 1922.

Preis, J. J., & Company, New York, N. Y. Boys' outer garments. 171,888; Aug. 14; Serial No. 172,490; published May 22, 1923.

Premier Cutlery, Inc., New York, N. Y. Certain kinds of cutlery of base metal. 168,713; May 29; Serial No. 159,050; published Mar. 13, 1923.

Premier Cutlery, Inc., New York, N. Y. Certain kinds of cutlery of base metal. 172,249; Aug. 28; Serial No. 159,049; published May 29, 1923.

Premier Electric Company, Chicago, Ill. Audiofrequency transformers. 177,699; Dec. 25; Serial No. 183,162; published Oct. 9, 1923.

Premier Malt Products Company of Ohio, Inc., Chicago, Ill., and Steubenville, Ohio. Nonalcoholic, maltless, fruit-flavored concentrate for beverage purposes. 167,048; Apr. 24; Serial No. 170,213; published Jan. 30, 1923.

Premier Mfg. Co. (See Goff, Milton G.)

Premus Hat Manufacturing Company, Inc., New York, N. Y. Ladies' hats. 166,671; Apr. 10; Serial No. 165,503; published Dec. 12, 1922.

Prescott & Company, Boston, Mass. Domestic refrigerators. 171,224; July 31; Serial No. 177,199; published May 8, 1923.

Prescott, J. L., Company. (See Morse Bros., assignor.)

Prescott, William G., Brooklyn, N. Y. Pile ointment. 165,624; Mar. 13; Serial No. 167,485; published Dec. 12, 1922.

Preserving Mushroom Co., Cleveland, Ohio. Salad dressing. 174,706; Oct. 23; Serial No. 176,693; published June 19, 1923.

President Suspender Company, Shirley, Mass. Garters. 173,602; Oct. 2; Serial No. 166,787; published July 3, 1923.

Presquele Finishing Co. (See Stickley, Albert.)

Press, Candace M., doing business as C. M. Press & Co., Cement, Ohio. Preparation for pyorrhea, abscesses, sores, cancer, and ulcers. 176,189; Nov. 20; Serial No. 174,637; published Sept. 4, 1923.

Press Publishing Company, New York, N. Y. Daily comic strip in the Evening World newspaper. 163,722–4; Jan. 23.

Press Publishing Company, New York, N. Y. Daily cartoon in the Morning World newspaper. 163,725; Jan. 23.

Press Publishing Company, New York, N. Y. Colored comic page in the Sunday World newspaper. 163,726; Jan. 23.

Press Publishing Company, New York, N. Y. Daily comic strip in the Morning World newspaper. 163,727; Jan. 23.

Press Publishing Company, New York, N. Y. Colored comic page in the Sunday World newspaper. 163,796; Jan. 30.

Press Publishing Company, New York, N. Y. Colored comic page in the Sunday World newspaper. 169,075; June 5; Serial No. 170,896; published Feb. 27, 1923.

Press-Union Publishing Co., Atlantic City, N. J. Title of its daily publication. 167,593–4; May 1; Serial Nos. 169,778–9; published Jan. 30, 1923.

Pressto Leather Products Corporation, Brooklyn and New York, N. Y. Spectacle cases. 169,473; June 19; Serial No. 173,720; published Mar. 20, 1923.

Prestia, Frank, doing business as The White Rose Ice Cream and Frozen Custard Biscuit Company, New Orleans, La. Ice cream and frozen-custard biscuit. 168,558; May 29; Serial No. 166,468; published Feb. 27, 1923.

Prest-O-Lite Company, Inc., The, Indianapolis, Ind. Welding apparatus using gas. 167,674; May 8; Serial No. 107,374; published Feb. 6, 1923.

Preston, Burton, & Co., Mansfield, Ohio. Monuments. 171,373; Aug. 7; Serial No. 157,002; published May 1, 1923.

Pre Ven Shun Laboratories, The. (See Hughes, William S.)

Price, Anna M., New York, N. Y. Sanitary covers for toilet seats. 176,474; Nov. 27; Serial No. 181,088; published Sept. 18, 1923.

Price, Arthur, New York, N. Y. Advertising motion-picture-projection apparatus, motion-picture-display cabinets, etc. 170,941; July 24; Serial No. 168,691; published Apr. 24, 1923.

Price-Booker Manufacturing Company, Waco and Houston, Tex. Pickles and condiments. 171,099; July 31; Serial No. 174,100; published May 8, 1923.

Price, Edgar F., doing business as Knollwood Farm, Rye, N. Y. Dairy products, milk, cream, and butter, and cattle. 163,728; Jan. 23.

Alphabetical list of registrants of trade-marks—Continued.

Price Flavoring Extract Company, Chicago, Ill. Spices. 168,695–6; May 29; Serial Nos. 169,865–6; published Mar. 13, 1923.
Price Food Products Corporation, Minneapolis, Minn. Corn flakes. 167,122; Apr. 24; Serial No. 164,951; published Dec. 19, 1922.
Price, John, & Co. (See Pinkus, Max.)
Price, Oscar, New York, N. Y. Ginger ale. 168,981; May 29.
Prien, H. F., & Co. (See Prien, Lilian.)
Prien, Lilian, doing business as H. F. Prien & Co., San Francisco, Calif. Toothbrushes. 163,526; Jan. 16.
Priestley, B., & Co., Bradford, England, assignor to B. Priestley & Co., Inc., New York, N. Y. Piece goods. 23,962–3; renewed Jan. 2, 1924.
Priestley, B., & Co., Bradford, England, assignor to B. Priestleys & Co., Inc., New York, N. Y. Piece goods in which silk predominates. 23,991; renewed Jan. 2, 1924.
Priestleys, Limited, Bradford, England. Cloths and piece goods of wool, worsted, and hair, and combinations of same. 167,103; Apr. 24; Serial No. 169,422; published Feb. 6, 1923.
Priestman Collieries Limited. (See Cowen, Joseph, & Co., assignor.)
Primalt Products Co., Chicago, Ill. Malt extract. 169,168; June 12; Serial No. 167,418; published Mar. 27, 1923.
Primalt Products Co., Chicago, Ill. Malt sirup. 170,577; July 17; Serial No. 167,420; published Apr. 24, 1923.
Primrose Draperies, Inc., New York, N. Y. Bedspreads. 174,124; Oct. 2; Serial No. 180,493; published July 10, 1923.
Prina, Frank R., Corporation, The, New York, N. Y. Wheat flour. 172,648; Sept. 11; Serial No. 149,352; published May 1, 1923.
Prince Macaroni Mfg. Co., Boston, Mass. Macaroni. 166,674; Apr. 10; Serial No. 165,708; published Jan. 30, 1923.
Prince Marcaroni Mfg. Co., Boston, Mass. Sauce, a combination of mushrooms, tomatoes, chicken, and tomato paste. 173,780; Oct. 2; Serial No. 175,808; published June 26, 1923.
Princess Dress House. (See Bernstein, Louis.)
Princess Laboratories. (See Klinker Manufacturing Company.)
Printz Biederman Co., The, Cleveland, Ohio. Coats, suits, dresses, outer skirts and waists. 171,669; Aug. 7.
Pritchard, George T., Norfolk, Va. Stencil hand stamp. 166,768; Apr. 10.
Probaugh Company, The. (See Limbaugh, E. E.)
Process Chemicals Incorporated, New York, N. Y. Insecticide and mothproofing composition. 170,656; July 17; Serial No. 168,489; published Apr. 17, 1923.
Proctor, Benjamin, jr., Boston, Mass. Picture frames 167,538; May 1; Serial No. 171,707; published Jan. 30, 1923.
Procter and Gamble Company, The, Cincinnati, Ohio. Glycerin. 174,327; Oct. 16; Serial No. 177,998; published July 17, 1923.
Procter and Gamble Company, The, Cincinnati, Ohio. Cottonseed oil, salad oils, oleomargarine, etc. 177,189; Dec. 11; Serial No. 177,996; published Sept. 18, 1923.
Proctor, Jennie M., doing business as The Strait-Tex Chemical Co., Pittsburgh, Pa. Scalp and hair tonic. 166,105; Mar. 27; Serial No. 165,033; published Oct. 10, 1922.
Procunier, William L., Chicago, Ill. Tapping chucks and attachments, tap holders. 175,672; Nov. 6.
Producers Canning & Packing Co., The, Salem, Oreg. Canned fruits and berries. 170,384; July 17; Serial No. 171,550; published Apr. 10, 1923.
Producers Canning and Packing Company, The, Salem, Oreg. Canned fruits. 166,429; Apr. 3; Serial No. 164,257; published Jan. 9, 1923.
Producers Canning and Packing Company, The, Salem, Oreg. Canned fruits. 172,031; Aug. 21; Serial No. 164,258; published June 5, 1923.
Products Mfg. & Sales Co., Milwaukee, Wis. Compound having the appearance of putty and used to retain molten metal while pouring bearings. 170,672; July 17; Serial No. 167,686; published Apr. 24, 1923.
Progress Paint Mfg. Co., Louisville, Ky. Wagon paint, fiber roof paint, varnish, paint enamel, etc. 170,293; July 10; Serial No. 176,043; published Apr. 17, 1923.
Progressive Farmer Co., The, Raleigh, N. C., and Birmingham, Ala. Weekly magazine. 173,888; Oct. 2; Serial No. 176,569; published June 19, 1923.
Progressive Weaving Co., Camden, N. J. Padding or covering for flatwork ironers. 169,548; June 19.
Promo Products Co. (See Clifford, Charles T. H.)
Prophylacto Mfg. Co. (See Fisk, George F., jr.)
Props Manufacturing Co. (See Bartels, Reinhard E.)
Prot, Paul, & Cie., doing business as Parfumerie Lubin, Paris, France. Perfumes, toilet waters, face and talcum powders, face lotion and cream, and rouge. 167,363; May 1; Serial No. 170,087; published Jan. 30, 1923.
Prot, Paul, & Cie., doing business as Parfumerie Lubin, Paris, France. Perfumes, toilet waters, face powder, face lotion, face cream, etc. 167,587–8; May 1; Serial Nos. 170,084–5; published Jan. 30, 1923.
Prot, Paul & Cie, doing business as Parfumerie Lubin, Paris, France. Perfumes, toilet waters, face and talcum powder, face lotion, etc. 168,816; May 29; Serial No. 170,083; published Feb. 13, 1923.
Prot, Paul, & Cie., doing business as Parfumerie Lubin, Paris, France. Perfumes, toilet waters, face and talcum powders, face lotion, etc. 169,646; June 26; Serial No. 170,082; published Feb. 27, 1923.
Prot, Paul, & Cie., doing business as Parfumerie Lubin, Paris, France. Perfumes, toilet waters, face powder, etc. 174,421; Oct. 16; Serial No. 170,086; published July 10, 1923.
Prot, Paul, & Cie., doing business as Parfumerie Lubin, Paris, France. Perfumes and toilet waters. 177,309; Dec. 18; Serial No. 170,081; published Sept. 25, 1923.
Protection Tire & Rubber Company. (See Chadwin, Leo L.)
Protect-O-Floor Leather Mat Co. (See Kane, Samuel J.)
Protex Signal Company, The, Cleveland, Ohio. Electric signal lamps, electric traffic-directing signal systems for vehicles, and parts thereof. 165,417; Mar. 6; Serial No. 152,447; published Nov. 28, 1922.
Proud's Portolive Co., Seattle, Wash., and Los Angeles, Calif. Tonic. 172,456; Aug. 28; Serial No. 172,615; published May 15, 1923.
Prouty-Bowler Soap Co., Des Moines, Iowa. Soap and soap flakes. 174,901; Oct. 23; Serial No. 178,771; published July 24, 1923.
Providence Collar Button Company. (See Freeman Daughaday Co.)
Providence Paper Co., The, Providence, R. I. Twine and household cord. 168,459; May 22; Serial No. 173,363; published Feb. 20, 1923.
Providence Paper Company, The, Providence, R. I. Twine and household cord. 163,696; Jan. 23.
Prune Co. (See Morvillo, Mariano.)
Pruzan, Walter E., doing business as Sox Savor Company, New York, N. Y. Hosiery. 166,609; Apr. 10; Serial No. 147,578; published Dec. 12, 1922.
Pryibil, P., Machine Company, Inc., New York, N. Y. Wood and metal working machines, tools, and supplies. 165,545; Mar. 13; Serial No. 160,720; published Dec. 19, 1922.
Pryibil, P., Machine Company, Inc., New York, N. Y. Wood and metal working machines, tools, and supplies. 166,402; Apr. 3; Serial No. 160,719; published Jan. 2, 1923.
Prym, William, Company, Limited, The, Stolberg, Germany. Bone stilettos, hooks and eys, corset eyes, snap fasteners, etc. 174,933; Oct. 30; Serial No. 148,615; published July 17, 1923.
Prym, William, Company, Limited, The, Stolberg, Germany. Pins. 175,857; Nov. 13; Serial No. 175,997; published Aug. 28, 1923.
Prym, William, Company, Limited, The, Stolberg, Germany. Common pins and hand sewing needles. 176,747; Nov. 27; Serial No. 175,996; published Sept. 11, 1923.
Prym, William, Company, Limited, The, Stolberg, Germany. Bone stilettos, hooks and eyes, corset eyes, snap fasteners, etc. 177,506; Dec. 18; Serial No. 148,617; published Oct. 2, 1923.
Psycho Emulsion Co. (See Barclay, James S.)
Psychology Publishing Company. (See Miller, Harry K.)
Public Ledger Company, Philadelphia, Pa. Contest, a feature in newspapers. 168,446; May 22; Serial No. 170,505; published Feb. 20, 1923.
Public Ledger Company, Philadelphia, Pa. Title for cartoons. 170,682; July 17; Serial No. 172,900; published Apr. 24, 1923.
Puckett, M. L., and Company, Webb City, Mo. Blood and nerve tonic. 165,876; Mar. 20.
Puente & Cicero, doing business as Lemonium Company, Los Angeles, Calif. Cough sirups. 169,578; June 26; Serial No. 161,334; published Mar. 6, 1923.
Puffer-Hubbard Manufacturing Company, Minneapolis, Minn. Child's wagon tire. 175,558; Nov. 6; Serial No. 179,551; published Aug. 21, 1923.
Puget Sound Oil Works, Inc., Seattle, Wash. Vegetable oils. 176,105; Nov. 20; Serial No. 140,398; published Aug. 21, 1923.
Pugsley, Daniel D., New York, N. Y. Liniment and hair grower. 176,345; Nov. 20.
Pulitzer Publishing Co., St. Louis, Mo. Section of a newpaper. 165,383; Mar. 6; Serial No. 159,812; published Nov. 14, 1922.
Pull-Grip Electric Company. (See Eberhardt, Robert.)
Pulliam, Clarence, Detroit, Mich. Frozen ice-cream dainties. 173,003; Sept. 11; Serial No. 177,572; published May 29, 1923.
Pull-Rak Company. (See Honeyman, William A.)
Pun, Jack M., Wood's Ranch, near Stockton, Calif. Live or dressed pigeons, squabs, or poultry. 168,595; May 29; Serial No. 164,720; published Feb. 13, 1923.
Pung-Chow Company, Inc., New York, N. Y. Games and parts thereof. 174,168–9; Oct. 9; Serial Nos. 179,955–6; published July 17, 1923.
Pup Toys Company, The, Chicago, Ill. Paper weights, inkwells, etc. 169,363; June 12; Serial No. 175,157; published Mar. 27, 1923.
Pup Toys Company, The, Chicago, Ill. Candlesticks, incense burners, and lamps. 171,581; Aug. 7; Serial No. 175,158; published May 22, 1923.

Pup Toys Company, The, Chicago, Ill. Candy boxes, wrappers, and receptacles. 173,400; Sept. 25; Serial No. 175,159; published June 19, 1923.
Purcell, William L., Floral Park, N. Y. Foot powder. 168,368; May 22; Serial No. 164,603; published Oct. 10, 1922.
Purdue, Frederick Company, The, New York, N. Y. Tonic compound. 23,794; renewed Nov. 7, 1923.
Pure Milk & Dairy Co., Tiffin, Ohio. Cheese, ice cream. 176,376; Nov. 20.
Pure Oil Co., The, Columbus, Ohio. Gasoline. 174,920; Oct. 23.
Pure Oil Company, The, Columbus, Ohio. Petroleum substitute for turpentine. 167,822; May 8; Serial No. 155,319; published Feb. 13, 1923.
Pure Oil Company, Columbus, Ohio. Cylinder oil. 174,332; Oct. 16; Serial No. 178,121; published July 17, 1923.
Pure Oil Company, Columbus, Ohio. Lubricating oil for hand separators. 174,333; Oct. 16; Serial No. 178,123; published July 17, 1923.
Pure Oil Company, Columbus, Ohio. Graphite farm-machinery oil. 174,334; Oct. 16; Serial No. 178,124; published July 17, 1923.
Pure Oil Company, Columbus, Ohio. Farm-machinery-lubricating oil. 174,335; Oct. 16; Serial No. 178,125; published July 17, 1923.
Pure Oil Company, Columbus, Ohio. Axle grease. 174,336; Oct. 16; Serial No. 178,133; published July 17, 1923.
Pure Oil Company, Columbus, Ohio. Hard oil. 174,337; Oct. 16; Serial No. 178,134; published July 17, 1923.
Pure Oil Company, Columbus, Ohio, and Minneapolis, Minn. Axle grease. 176,780; Nov. 27.
Pure Oil Company, Columbus, Ohio, and Minneapolis, Minn. Farm-machinery lubricating oil. 176,785; Nov. 27.
Pure Products Syrup Corporation, New York, N. Y. Beverages sold as soft drinks and sirups for making same. 175,224; Oct. 30.
Pure Silk Hosiery Mills Inc., Chicago, Ill. Hosiery. 164,877; Feb. 27.
Purer-Lene Mfg. Co. (See Cater, Dr. James S.)
Puritan Gelatin Company, Boston and Marblehead, Mass. Gelatin. 167,077; Apr. 24; Serial No. 156,403; published Jan. 30, 1923.
Puritan Maple Syrup Co., Warsaw, N. Y. Maple sirup. 165,648; Mar. 13.
Puritas Farms, Inc., Newburgh, N. Y. Dairy products. 176,643; Nov. 27; Serial No. 151,098; published Aug. 21, 1923.
Puritol Company, The. (See Karnes, E. L.)
Purity Biscuit Company, The, Salt Lake City, Utah. Crackers, cakes, and biscuits. 164,189; Feb. 13.
Purity Chemical Co. (See Karton, Harry.)
Purity Creamery Co., Baltimore, Md. Butter. 167,199; Apr. 24; Serial No. 162,568; published Dec. 12, 1922.
Purity Packing Company, Chicago, Ill. Sausages composed of meat products, meat, water, and cereal. 168,688; May 29; Serial No. 169,560; published Feb. 27, 1923.
Purity Products Co., The, Highland Park, Mich. Beverages sold as soft drinks, and sirups for making same. 175,669; Nov. 6.
Purity Stamping Company, The. (See Hulscher, William T.)
Puro Products Co., Superior, Wis. Pile cure. 176,172; Nov. 20; Serial No. 177,407; published Aug. 28, 1923.
Pursell, Harley R., Kensington, Kans. Medicinal preparation for use in lung diseases, pneumonia, bronchitis, sore throat, etc. 163,154; Jan. 2.
Purvis, F. L., San Bernardino, Calif. Portions of fresh watermelon for individual use. 168,466; May 22; Serial No. 166,711; published Feb. 27, 1923.
Put and Take Company, The. (See McCaughn, Robert E.)
Putnam-Hooker Company, The, Cincinnati, Ohio, and New York, N. Y. Gray and colored, bleached, dyed, napped fabrics. 175,398; Nov. 6; Serial No. 148,033; published Aug. 21, 1923.
Py-Et Company, Seattle, Wash. Pastries. 170,802; July 24; Serial No. 169,456; published Feb. 27, 1923.
Pyraid Products Corporation, Newark, N. J. Mouth-wash preparation. 174,025; Oct. 2; Serial No. 176,428; published June 19, 1923.
Pyramid Paint Co., Philadelphia, Pa. Ready-mixed paints. 175,692; Nov. 6.
Pyramid Process Co., Inc., East Rochester, N. Y. Dry paste. 171,223; July 31; Serial No. 177,200; published May 15, 1923.
Pyramid Products Co. (See Beach, Albert H.)
Pyrea Chemical Co. (See Leftwich, John G.)
Pyrene Manufacturing Co., Newark, N. J. Temperature-indicating device for gas engines. 172,426; Aug. 28; Serial No. 175,736; published May 29, 1923.
Pyrene Manufacturing Company, Newark, N. J. Portable fire extinguishers. 166,245; Mar. 27. Serial No. 163,171; published Dec. 19, 1922.
Pyrene Manufacturing Company, Newark, N. J. Fire-extinguishing compounds. 175,575; Nov. 6; Serial No. 181,043; published Aug. 21, 1923.
Pyro Clay Products Company, The, Oak Hill, Ohio. Refractory materials. 170,216; July 10; Serial No. 148,891; published Jan. 24, 1922.
Pyro-Form Laboratories, Los Angeles, Calif. Preparations for the treatment of pyorrhea. 167,842; May 8; Serial No. 169,083; published Feb. 13, 1923.
Q-B Manufacturing Co., The, Chicago, Ill. Carbon removers for internal-combustion engines. 168,101; May 15; Serial No. 164,512; published Jan. 2, 1923.
Quaker City Chocolate & Confectionery Company, Philadelphia, Pa. Candies. 172,094; Aug. 21; Serial No. 174,487; published May 29, 1923.
Quaker City Home Beverage Co. (See Stoy, Andrew F.)
Quaker City Sweater Mills, Philadelphia, Pa. Knitted sweaters. 166,025; Mar. 27; Serial No. 163,648; published Jan. 2, 1922.
Quaker City Sweater Mills, Philadelphia, Pa. Sweaters. 176,116; Nov. 20; Serial No. 163,649; published Aug. 28, 1923.
Quaker City Sweater Mills, Philadelphia, Pa. Sweaters. 176,117; Nov. 20; Serial No. 163,647; published Aug. 28, 1923.
Quaker Lace Company, Philadelphia, Pa. Lace curtains and nets or curtain lace in piece goods. 164,786; Feb. 27.
Quaker Lace Company, Philadelphia, Pa. Lace curtains and nets or curtain lace in piece goods. 171,902; Aug. 14.
Quaker Lace Company, Philadelphia, Pa. Lace curtains and nets or curtain lace in piece goods. 175,020; Oct. 30; Serial No. 177,326; published Aug. 7, 1923.
Quaker Oats Company, The. (See Nebraska City Cereal Mills.)
Quaker Oats Company, The. (See Pettijohn California Breakfast Food Company, assignor.)
Quaker Oats Company, The, Chicago, Ill. Poultry feed. 172,671; Sept. 11; Serial No. 174,106; published May 15, 1923.
Quaker Oats Company, The, Chicago, Ill. Poultry feed. 172,760; Sept. 11; Serial No. 174,921; published June 5, 1923.
Quaker Oats Company, The, Chicago, Ill. Wheat flour. 172,761; Sept. 11; Serial No. 174,920; published June 5, 1923.
Quaker Oats Company, The, Chicago, Ill. Rolled oats and wheat food. 172,768; Sept. 11; Serial No. 174,335; published June 5, 1923.
Quaker Oats Company, The, Chicago, Ill. Wheat flour. 172,801; Sept. 11; Serial No. 174,107; published May 15, 1923.
Quaker Oats Company, The, Chicago, Ill. Rolled oats and oatmeal. 172,969; Sept. 11; Serial No. 174,915; published June 5, 1923.
Quaker Oats Company, The, Chicago, Ill. Horse feed. 172,983; Sept. 11; Serial No. 174,104; published June 5, 1923.
Quaker Oats Company, The, Chicago, Ill. Rolled oats. 173,012; Sept. 11; Serial No. 173,983; published June 5, 1923.
Quaker Oats Company, The, Chicago, Ill. Mixed stock feed. 173,028; Sept. 11; Serial No. 174,101; published June 5, 1923.
Quaker Oats Company, The, Chicago, Ill. Horse feed. 173,029; Sept. 11; Serial Nos. 174,103–4; published June 5, 1923.
Quaker Oats Company, The, Chicago, Ill. Stock feed. 173,030; Sept. 11; Serial No. 174,105; published June 5, 1923.
Quaker Oats Company, The, Chicago, Ill. Poultry feed. 176,488; Nov. 27; Serial No. 174,922; published Aug. 21, 1923.
Quaker Oats Company, The, Chicago, Ill. Wheat flour. 176,614; Nov. 27; Serial No. 174,914; published Aug. 7, 1923.
Quaker Oats Company, The, Chicago, Ill. Stock feeds. 176,736; Nov. 27; Serial No. 173,982; published July 24, 1923.
Quaker Oats Company, The, Chicago, Ill. Wheat flour and stock feeds. 176,737; Nov. 27; Serial No. 174,102; published July 31, 1923.
Quaker Oats Company, The, Chicago, Ill. Rolled oats. 176,850; Dec. 4; Serial No. 174,751; published Sept. 4, 1923.
Quaker Oats Company, The, Chicago, Ill. Wheat flour, rolled oats, etc. 176,851; Dec. 4; Serial No. 174,919; published Sept. 11, 1923.
Quaker Oats Company, The, Chicago, Ill. Rolled oats, corn meal, wheat flour, rye flour, etc. 176,874; Dec. 4; Serial No. 181,647; published Sept. 25, 1923.
Quaker Oats Company, The, Chicago, Ill. Stock feeds. 177,065; Dec. 11; Serial No. 174,917; published Aug. 7, 1923.
Quaker Oats Company, The, Chicago, Ill. Farinaceous stock feeds. 177,066; Dec. 11; Serial No. 174,918; published Sept. 4, 1923.
Quaker Oats Company, The, Chicago, Ill. Rolled wheat and a mixture of wheat and bran flour. 177,100; Dec. 11; Serial No. 170,215; published Sept. 25, 1923.
Quaker Oats Company, The, Chicago, Ill. Rolled wheat and wheat and bran flour. 177,103; Dec. 11; Serial No. 170,214; published Sept. 18, 1923.
Quaker Oats Company, The, Chicago, Ill. Wheat flour. 177,562; Dec. 18; Serial No. 174,916; published June 5, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Quaker Oats Company, The, Chicago, Ill. Wheat flour. 177,573; Dec. 18; Serial No. 177,452; published Oct. 2, 1923.
Quaker Soap Company, Secaucus, N. J. Chemical compound for cleaning and polishing silverware. 166,989; Apr. 17.
Qualitiphone Incorporated, New York, N. Y. Mechanical motors for phonographs. 164,716; Feb. 27.
Quality Coffee & Tea Co., Inc., Los Angeles, Calif. Spices. 168,372; May 22; Serial No. 162,054; published Feb. 20, 1923.
Quality Specialty Company, Worcester, Mass. Salad dressings, mayonnaise dressings, horseradish relishes, and mustard relishes. 172,864; Sept. 11; Serial No. 172,393; published June 5, 1923.
Quality Tobacco Co., Inc., Syracuse, N. Y. Smoking and chewing tobacco. 164,138; Feb. 13.
Qualtop Beverages Inc., Rochester, N. Y. Beverages sold as soft drinks and sirups for making the same. 177,681; Dec. 25; Serial No. 185,188; published Oct. 9, 1923.
Quarles, W. C., Co. Inc., Richmond, Va. Inner tubes, inner-tube patches, and blow-out patches. 165,227; Mar. 6; Serial No. 164,115; published Oct. 31, 1922.
Quarzlampen-Gesellschaft m. b. H., Hanau-on-the-Main, Germany. Vapor lamps and other lamps giving therapeutic rays. 163,155; Jan. 2.
Quarzlampen-Gesellschaft m. b. H., Hanau a. M., Germany. Vapor lamps and other lamps giving therapeutic rays. 166,145; Mar. 27; Serial No. 157,235; published Oct. 31, 1922.
Quast, Otto K., doing business as The Nix-Lix Co., Spokane, Wash. Hair tonic and dandruff remedy. 167,563; May 1; Serial No. 167,783; published Jan. 30, 1923.
Queen Anne Candy Company, Chicago, Ill. Candy and coconut-bar candy. 168,589; May 29; Serial No. 164,192; published Feb. 20, 1923.
Queen City Bottling Company, The, Cincinnati, Ohio. Fruit beverage, sold as a soft drink and sirups therefor. 167,778; May 8; Serial No. 171,955; published Feb. 13, 1923.
Queen City Bottling Company, The, Cincinnati, Ohio. Nonintoxicating fruit beverage and sirup used in preparation of same. 173,609; Oct. 2; Serial No. 158,333; published July 25, 1922.
Queen City Extract Company, The, Cincinnati, Ohio. Grape-flavored sirup for beverage purposes. 173,238; Sept. 18; Serial No. 163,413; published June 19, 1923.
Queen City Extract Company, The, Cincinnati, Ohio. Grape-flavored sirup for food purposes. 173,392; Sept. 25; Serial No. 163,595; published July 3, 1923.
Queen City Printing Ink Company, The, Cincinnati, Ohio. Printing ink. 24,402; renewed Mar. 20, 1924.
Queen City Printing Ink Company, The, Cincinnati, Ohio. Printing inks. 164,400; Feb. 20.
Queen City Printing Ink Company, The, Cincinnati, Ohio. Printing inks. 172,272; Aug. 28; Serial No. 177,619; published May 15, 1923.
Queen City Printing Ink Company, The, Cincinnati, Ohio. Printing inks. 172,294–5; Aug. 28; Serial Nos. 177,865–6; published May 15, 1923.
Queen City Specialty Company. (See Metke, John.)
Queensbury Farms, Toms River, N. J. Eggs, young chicks, live and dressed poultry, pullets, etc. 167,236; Apr. 24; Serial No. 159,615; published Jan. 30, 1923.
Queensland Meat Export Company, Limited, Brisbane, Queensland, Australia. Foods and ingredients of foods. 168,352; May 22; Serial No. 122,405; published Feb. 27, 1923.
Quick Klean Kemical Company, Worcester, Mass. Hand, household, and automobile soap and paste. 171,644; Aug. 7.
Quicksafe Manufacturing Company, Nashville, Tenn. Can openers. 168,644; May 29; Serial No. 155,320; published Feb. 20, 1923.
Quigley Furnace Specialties Company, Inc., New York, N. Y. Refractory material for lining and repairing structures subject to high temperature. 165,193; Mar. 6; Serial No. 168,169; published Nov. 28, 1922.
Quinlan, Kathleen M., New York, N. Y. Toilet creams and astringents. 175,571; Nov. 6; Serial No. 180,986; published Aug. 21, 1923.
Quinn, Anne, Lake View, Iowa. Ladies' dresses, shirt waists, blouses, rompers, underwear, etc. 166,694; Apr. 10; Serial No. 166,606; published Dec. 12, 1922.
Quinn, Marcus Lucius, Conservatory of Music, Boston, Mass. Chartlike device or key usable as an aid in teaching music. 163,691; Jan. 23.
Quinn Reade Motor Vehicle Fender Co., Quebec, Canada, and New York, N. Y. Automobile bumpers and parts therefor. 172,829; Sept. 11; Serial No. 165,821; published June 5, 1923.
Quint, Samuel, doing business as Samuel Quint Company, New York, N. Y. Cotton and woolen hosiery and underwear of knitted material. 171,305; Aug. 7; Serial No. 164,667; published May 1, 1923.
Quisenberry Feed Mfg. Co., Kansas City, Mo. Poultry feed. 167,189–91; Apr. 24; Serial Nos. 158,143–5; published Jan. 2, 1923.
Quixy Polish Co. (See Schoener, Stephen.)
R. C. Importation Corporation, New York, N. Y. Cigars, cigarettes, and smoking tobacco. 170,231; July 10; Serial No. 173,857; published Apr. 3, 1923.
R. & G. Co., Attleboro, Mass. Magazine pencils. 167,079; Apr. 24; Serial No. 155,830; published Feb. 6, 1923.
R & G Corset Company, Inc., New York, N. Y. Women's corsets. 176,366; Nov. 20.
R. & J. Waist Company, The, New London, Conn. Children's waists and shirts, particularly underwaists. 171,718; Aug. 14; Serial No. 144,429; published May 2, 1923.
R. & R. Manufacturing Company. (See Ruffner, Meyer F.)
R. & R. Underwear, New York, N. Y. Brassières. 173,975; Oct. 2; Serial No. 172,013; published July 17, 1923.
R an W Hat Shop, Inc., Norwalk, Conn. Hats for men, women, and children. 165,505; Mar. 13; Serial No. 166,104; published Dec. 12, 1922.
R an W Hat Shop, Inc., Norwalk, Conn. Hats. 171,866; Aug. 14; Serial No. 174,445; published May 8, 1923.
R-W Manufacturing Co., Chicago, Ill. Radio receiving sets and parts thereof. 169,238; June 12; Serial No. 172,357; published Mar. 6, 1923.
R. B. B. Company. (See Morgan, Emma A.)
R. E. D. Mfg. Co., The. (See Douglas, Richard.)
R. & H. E. Co. (See Schilplin, William.)
Rabiner Brothers, Chicago, Ill. Hats and caps. 176,212; Nov. 20; Serial No. 178,670; published Aug. 28, 1923.
Rabinow, Harry L., New York, N. Y. Hair salve and pomade. 172,523; Sept. 4; Serial No. 172,058; published Apr. 17, 1923.
Racine Rubber Company, Racine, Wis. Rubber or rubber and fabric tires for vehicles. 165,078; Mar. 6; Serial No. 159,290½; published Dec. 5, 1922.
Racine Universal Motor Company, Chicago, Ill. Electric products. 164,695; Feb. 27.
Rademaker, Frank. (See Rademaker, Fransiscus J. M.)
Rademaker, Fransiscus J. M., doing business as Frank Rademaker, Rotterdam, Netherlands. Confectionery—namely, toffees. 163,470; Jan. 16.
Raden Bros., New York, N. Y. Snap fasteners. 172,383; Aug. 28; Serial No. 138,690; published Mar. 8, 1921.
Radetzky, Abraham, doing business as Gotham Aseptic Laboratories, New York, N. Y. Absorbent cotton, gauze, etc. 172,394; Aug. 28; Serial No. 167,535; published Mar. 27, 1923.
Radiantfood Company, Oakland, Calif. Wheat cereals. 165,955; Mar. 27; Serial No. 150,027; published Nov. 7, 1922.
Radiantfood Company, Oakland, Calif. Wheat cereals. 165,957; Mar. 27. Serial No. 150,930; published Nov. 7, 1922.
Radina Remedy Co. (See Lechner, George S.)
Radio Ball Company, Lebanon, Pa. Inflated toy rubber balls. 170,492; July 17; Serial No. 171,815; published Feb. 6, 1923.
Radio Corporation of America, New York, N. Y. Radio receiving, detecting, and transmitting sets and parts thereof, etc. 167,591; May 1; Serial No. 169,824; published Jan. 30, 1923.
Radio Corporation of America, New York, N. Y. Radio receiving, detecting, amplifying, and transmitting apparatus and parts thereof. 169,727; June 26.
Radio Corporation of America, New York, N. Y. Radio receiving sets. 171,044; July 31; Serial No. 174,859; published Apr. 24, 1923.
Radio Engineering Company of New York, Inc. Gloucester, Mass. Lubrication meters. 176,628; Nov. 27; Serial No. 162,695; published Sept. 11, 1923.
Radio Engineering & Sales Co., The, doing business as The Resco Radio Co., Cleveland, Ohio. Radio receiving sets, radio receiving and sending sets parts. 166,447; Apr. 3; Serial No. 166,405; published Jan. 16, 1923.
Radio-Films, Inc., Hollywood, Calif. Motion-picture films issued serially. 177,518; Dec. 18; Serial No. 166,149; published Oct. 2, 1923.
Radio Frequency Laboratories, Inc., Boonton, N. J. Radio equipment. 169,478; June 19; Serial No. 174,260; published Mar. 27, 1923.
Radio Hat Co. Inc., New York, N. Y. Ladies' hats. 168,113; May 15; Serial No. 150,203; published Jan. 16, 1923.
Radio-Lite, Inc., Boston, Mass. Electric lights for automobiles and other vehicles and parts thereof. 171,070; July 31; Serial No. 172,394; published Apr. 24, 1923.
Radio Mineral Company, Newark, N. J. Crystals or minerals for use in wireless telegraphy and wireless telephony apparatus. 172,337; Aug. 28; Serial No. 178,281; published May 29, 1923.
Radio Motion Picture Phon. Corp., Fall River, Mass., and Long Island City, N. Y. Educational appliances embracing cabinets within which are disposed radioreceivers, motion-picture projectors, etc. 173,927; Oct. 2; Serial No. 178,282; published July 10, 1923.
Radio Products Company. (See Kemper, Chas. M.)
Radio Publishing Corporation, New York, N. Y. Monthly magazine. 170,679; July 17; Serial No. 168,729; published Apr. 24, 1923.
Radio Specialty Co., New York, N. Y. Radio apparatus. 167,829; May 8; Serial No. 169,869; published Feb. 20, 1923.
Radio Stati-Tube Mfg. Co., Inc., Rochester, N. Y. Radio detector, amplifier, and transmission tubes. 164,593; Feb. 20.

Radio Waves Publishing Co., Portland, Oreg. Name of a monthly magazine. 169,797; July 3; Serial No. 169,825; published Mar. 27, 1923.
Radio Winding Corporation, New York, N. Y. Variometers, vario couplers, transformers, etc. 164,258; Feb. 13.
Radioceive Manufacturing Company, Newark, N. J. Telephone head sets. 175,995; Nov. 13; Serial No. 164,075; published Sept. 4, 1923.
Radiogem Corporation, New York, N. Y. Radio tuning coil. 167,256; Apr. 24; Serial No. 169,184; published Jan. 30, 1923.
Radiograms, Inc., Hollywood, Calif. Motion-picture films. 175,955; Nov. 13; Serial No. 166,150; published Sept. 4, 1923.
Radiol Company, The. (See Hughbanks, Edgar A.)
Radiola Wireless Corporation, The, New York, N. Y. Radio crystals. 170,101; July 10; Serial No. 168,786; published Apr. 3, 1923.
Radiumoid Laboratories, The. (See Dickens, Charles.)
Radius Tool Co. (See Sheberashenko Andrey.)
Radloff, Max P. E., Hustisford, Wis. Butter and cheese. 165,641; Mar. 13.
Ra-Do Corporation, The, Bay City, Mich. Variocouplers, variometers, detector and amplifying units, tuners, etc. 167,810; May 8; Serial No. 165,968; published Feb. 20, 1923.
Rae-Lite Mfg. Co., The, Baltimore, Md. Electric parking lamps. 177,735; Dec. 25; Serial No. 182,769; published Oct. 9, 1923.
Raether, August H., Watertown, Wis. Cheese. 163,616; Jan. 23.
Rae-Tol Company. (See Ryan, Maurice J.)
Raffetto, G. B., Inc., New York, N. Y. Marrons and assorted fruits. 165,977; Mar. 27; Serial No. 160,974; published Nov. 28, 1922.
Raffetto, G. B., Inc., New York, N. Y. Sweet-pickled watermelon rind. 169,762; July 3; Serial No. 169,561; published Apr. 3, 1923.
Raffetto, G. C., Inc., New York, N. Y. Sweet-pickled fruits. 164,170; Feb. 13.
Ragbag Sisters Company, The, Grand Rapids, Mich. Statuettes. 174,413; Oct. 16; Serial No. 174,638; published June 26, 1923.
Raguet, P., Fils & J. Vignes, Troyes, France. Underwear and hosiery. 174,713–14; Oct. 23; Serial Nos. 172,957–8; published May 22, 1923.
Railton, B. A., Company, Chicago, Ill. Canned fruits, vegetables and fish, cereals, sirups, etc. 165,956; Mar. 27; Serial No. 150,707; published Nov. 14, 1922.
Railway Silk Corporation, Yorkville, N. Y. Broad silks or silks in the piece. 163,388; Jan. 9.
Rajah Radio Guild, University City, Mo. Radio receiving sets and parts thereto. 174,876; Oct. 23; Serial No. 180,142; published July 31, 1923.
Ralston Purina Company, St. Louis, Mo. Dairy feed. 167,415; May 1; Serial No. 168,787; published Jan. 16, 1923.
Ralston Purina Company, St. Louis, Mo. Poultry feed. 172,437; Aug. 28; Serial No. 173,722; published May 8, 1923.
Ramapo Ajax Corporation, New York, N. Y. Track frogs, crossings, guard rails, etc. 169,851; July 3; Serial No. 172,395; published Apr. 10, 1923.
Ramapo Ajax Corporation, New York, N. Y. Track switches, switch stands, switch plates, and parts thereof. 173,737; Oct. 2; Serial No. 178,357; published June 12, 1923.
Ramapo Ajax Corporation, New York, N. Y. Cast chilled wheels, industrial cars, shop cars, push cars, etc. 175,042; Oct. 30; Serial No. 178,358; published Aug. 7, 1923.
Ramsey, Edward J., doing business as E. J. Ramsey Co., Brooklyn, N. Y. Shoes. 166,965. Apr. 17.
Rand Refinery Limited, Johannesburg, Transvaal, South Africa. Precious metals and alloys of precious metal. 165,703; Mar. 20; Serial No. 168,589; published Dec. 19, 1922.
Randell & Co., New York, N. Y. Medicinal belt for treatment of kidneys. 176,312; Nov. 20; Serial No. 179,112; published Sept. 4, 1923.
Randles, Charles D., doing business as Randles Mfg. Company, Ogdensburg, N. Y. Uniforms—namely, dresses, aprons, caps, bibs, etc. 173,974; Oct. 2; Serial No. 158,895; published July 17, 1923.
Randolph Marketing Company, Los Angeles, Calif. Fresh citrous fruit and fresh deciduous fruit, fresh vegetables, and cantaloupes. 168,581; May 29; Serial No. 162,953; published Feb. 20, 1923.
Randolph Milling Company, Baldwin, Ill. Wheat flour. 171,026; July 31; Serial No. 168,170; published Apr. 3, 1923.
Randolph, Teasdale, doing business as The Country Editor Publishing Company, New York, N. Y. Title for a monthly magazine. 169,058; June 5; Serial No. 171,389; published Feb. 27, 1923.
Raney, Rebekah E., San Francisco, Calif. Ash trays. 169,691; June 26; Serial No. 158,007; published Mar. 27, 1923.
Ranger, Richard H., New York, N. Y. Departments or sections of and articles in magazines and the like. 171,741; Aug. 14; Serial No. 169,519; published May 1, 1923.
Raphael, Robert M., New York, N. Y. Infants' and children's wearing apparel. 175,961; Nov. 13; Serial No. 171,434; published Aug. 28, 1923.
Rappaport, Max, Los Angeles, Calif. Hats and caps for men and boys. 171,838; Aug. 14; Serial No. 171,468; published May 8, 1923.
Rash, Warren P., Co., Inc., Middlesboro, Ky. Preparation for neuralgia and headache. 174,046; Oct. 2; Serial No. 177,621; published July 10, 1923.
Rasmussen & Co., Portland, Oreg. Ready-mixed-wall paint. 166,831; Apr. 17; Serial No. 170,695; published Jan. 30, 1923.
Rasol Company. (See Yengling, Ralph W.)
Rathbun, Milo D., Grand Rapids, Mich. Locks for radiator caps for automobiles. 175,591; Nov. 6; Serial No. 179,284; published Aug. 21, 1923.
Rathburn, Silas E., doing business as L. C. Carr, Somerville, Mass. Candies. 166,885; Apr. 17; Serial No. 167,751; published Feb. 6, 1923.
Ratner, Abraham, New York, N. Y. Dentifrice. 165,614; Mar. 13; Serial No. 167,197; published Dec. 12, 1922.
Ra-Tone Electric Co., Detroit, Mich. Electric medical instruments, particularly high-frequency-current generators, violet-ray generators, etc. 166,095; Mar. 27; Serial No. 166,095; published Dec. 19, 1922.
Rauch & Lang, Inc., Chicopee Falls, Mass. Electrically-propelled road vehicles, not including trucks and tractors. 171,488; Aug. 7; Serial No. 136,726; published May 22, 1923.
Rauh Bros. & Co., Pittsburgh, Pa. Men's and boys' shirts of flannel and flannelette nightshirts, and pyjamas. 166,719; Apr. 10; Serial No. 164,009; published Dec. 12, 1923.
Rauh, S., & Co., New York, N. Y. Gaiters. 166,168; Mar. 27; Serial No. 166,099; published Jan. 2, 1922.
Rauscher, Charles A., & Co., Los Angeles, Calif. Mincemeat, plum pudding, and fig pudding. 176,961; Dec. 11; Serial No. 177,622; published Aug. 21, 1923.
Rawhide Products Distributing Co. (See Levin, Henry M.)
Rawlings Manufacturing Co., St. Louis, Mo. Baseballs, ball-players' gloves and mits. 173,740; Oct. 2; Serial No. 178,283; published June 19, 1923.
Ray, A. J., & Son, Inc., doing business as Hugo V. Loewi, Inc., Portland, Oreg. Hops. 168,200; May 15; Serial No. 165,414; published Feb. 6, 1923.
Raybestos Company, The, Bridgeport, Conn. High-pressure sheet packing. 167,731; May 8; Serial No. 155,932; published Jan. 2, 1923.
Raybestos Company, The, Bridgeport, Conn. Rivets. 176,871; Dec. 4; Serial No. 182,549; published Sept. 25, 1923.
Ray-Maling Co., Inc., Portland, Oreg. Canned fruits. 173,857; Oct. 2; Serial No. 175,809; published July 3, 1923.
Ray-Maling Co., Inc., Portland, Oreg. Canned fruits, berries, and vegetables. 173,858; Oct. 2; Serial No. 175,810; published July 3, 1923.
Ray-Maling Co., Inc., Portland, Oreg. Canned fruits and berries. 173,859; Oct. 2; Serial No. 175,812; published July 3, 1923.
Ray-Maling Co. Inc., Portland, Oreg. Canned fruits, berries, and vegetables. 174,487; Oct. 16; Serial No. 175,811; published July 24, 1923.
Raymond Bag Company, The, Middletown, Ohio. Paper receptacles. 170,482; July 17; Serial No. 172,687; published Apr. 17, 1923.
Raymond, Jules N., doing business as Associated Laboratories and Germ-A-Lax Laboratories, Chicago, Ill. Intestinal germicide and laxative. 175,612; Nov. 6; Serial No. 180,890; published Aug. 14, 1923.
Raymond, Philip, Boston, Mass. Medicine used in the treatment of asthma, bronchitis, etc. 172,357; Aug. 28; Serial No. 173,532; published May 15, 1923.
Rayner, Earl C., Chicago, Ill. Weekly publication. 163,758: Jan. 23.
Rayward Engineering and Manufacturing Co., Philadelphia, Pa. Mechanical motive pedal control devices. 174,496; Oct. 16; Serial No. 179,012; published July 24, 1923.
Reach, A. J., Company, Philadelphia, Pa. Baseball gloves. 165,724; Mar. 20; Serial No. 168,856; published Dec. 19, 1922.
Reach, Abraham L., doing business as A. L. Reach Textile Co., New York, N. Y. Furniture and furniture-van-pads. 171,623; Aug. 7; Serial No. 177,244; published May 22, 1923.
Read Hosiery Mills, McMinnville, Tenn. Hosiery. 171,330; Aug. 7; Serial No. 168,788; published May 8, 1923.
Read, John T., Northampton, England. Boots and shoes. 166,172; Mar. 27; Serial No. 166,406; published Oct. 31, 1922.
Reading Hardware Company, Reading, Pa. Builders' hardware, including locks and latches. 23,325; renewed July 4, 1923.
Reading Textiles. (See Wetherhold, William R.)
Reading Underwear Co., Reading, Pa. Ladies' and girls' knit underwear. 176,607; Nov. 27; Serial No. 179,554; published Sept. 18, 1923.
Readi-Sew Package Co., Inc., The, New York, N. Y. Semi-made garments for outer wear for children. 163,838; Jan. 30.

Alphabetical list of registrants of trade-marks—Continued.

Re-Al-Jo Products Company, Waterloo Iowa. Cosmetics including creams, powders, rouges, etc. 169,842; July 3; Serial No. 172,959; published Mar. 13, 1923.
Realsilk Fabrics Corporation, Brooklyn, N. Y. Hosiery and knitted underwear. 171,243; July 31; Serial No. 170,308; published May 8, 1923.
Real Silk Hosiery Mills, Indianapolis, Ind. Hosiery. 169,737; June 26.
Real Silk Hosiery Mills, Indianapolis, Ind. Hosiery. 173,566; Sept. 25.
Real Silk Hosiery Mills, Indianapolis, Ind. Hosiery. 176,369; Nov. 20.
Real Silk Hosiery Mills, Indianapolis, Ind. Hosiery. 176,929–30; Dec. 4.
Reardon Company, The, St. Louis, Mo. Calcimine. 168,802; May 29; Serial No. 174,214; published Feb. 27, 1923.
Reboul, Theophile T., New Orleans, La. Coffee. 166,512; Apr. 3; Serial No. 163,698; published Jan. 9, 1923.
Reckitts (U. S. A.) Ltd., New York, N. Y., and New Brunswick, N. J. Laundry blue. 165,996; Mar. 27; Serial No. 167,487; published Dec. 12, 1922.
Reckitts (U. S. A.), Ltd., New York, N. Y., and New Brunswick, N. J. Laundry blue. 177,423; Dec. 18; Serial No. 162,137; published Sept. 25, 1923.
Recto Manufacturing Co., The, Cincinnati, Ohio. Automobile spark timers. 172,652; Sept. 11; Serial No. 140,069; published Mar. 14, 1922.
Red Ball Transit Company. (See Hiner, Ward B.)
Red Cedar Post & Lumber Company, Seattle, Wash. Cedar posts and lumber. 176,086; Nov. 13.
Redelheim Matzo Co., Chicago, Ill. Matzos. 165,108; Mar. 6; Serial No. 140,207; published Nov. 7, 1922.
Redfern Medicine Company. (See Gebhart, Edgar S.)
Red Gum Products Co. (See Creger, Henry N.)
Red Hed Mfg. Co., Boston, Mass. Cocks, stop and waste and corporation. 169,346–7; June 12; Serial Nos. 170,787–8; published Mar. 20, 1923.
Red Hill Broom Works. (See Richard, Irwin.)
Redifone Corporation of America, New York, N. Y. Wireless and radio telephone sets and parts thereof. 164,360; Feb. 20.
Redland Citrus Growers Association, Homestead, Fla. Fresh citrous fruits. 169,818; July 3; Serial No. 168,068; published Apr. 3, 1923.
Red Mill, The. (See Nashville Roller Mills.)
Red-O-Led Plaster Co., The, Morgantown, W. Va. Drawing plaster. 173,398; Sept. 25; Serial No. 174,799; published June 26, 1923.
Red-Ot Company, The. (See Peters, William H.)
Red Seal Products Company. (See McCoy, Lon A.)
Red Star Macaroni Co. Inc., Brooklyn, N. Y. Macaroni and spaghetti. 166,891; Apr. 17; Serial No. 167,101; published Jan. 23, 1923.
Red Star Milling Company, The, Wichita, Kans. Wheat flour. 172,472; Aug. 28; Serial No. 172,173; published May 8, 1923.
Red Star Milling Company, The, Wichita, Kans. Wheat flour. 172,991; Sept. 11; Serial No. 173,242; published June 5, 1923.
Red Sun Products Co. (See Goldman, Sigmund L.)
Red Top Malt Extract Co., Cincinnati, Ohio. Malt sirups. 176,113; Nov. 20; Serial No. 164,831; published Aug. 28, 1923.
Reed, Alma C., Los Angeles, Calif. Hair grower. 164,355; Feb. 20.
Reed & Barton Corporation, Taunton, Mass. Alcohol fuel cubes. 172,693; Sept. 11; Serial No. 145,713; published May 22, 1923.
Reed, Charles A. L., doing business as Clifton Laboratories, Cincinnati, Ohio. Dentifrice and prophylactic paste. 172,232; Aug. 28; Serial No. 174,860; published May 15, 1923.
Reed, E. P., & Co., Rochester, N. Y. Shoes made of leather. 172,122; Aug. 21; Serial No. 175,164; published May 22, 1923.
Reed, E. P., & Co., Rochester, N. Y. Shoes made of leather. 172,133; Aug. 21; Serial No. 174,527; published May 22, 1923.
Reed, E. P., & Co., Rochester, N. Y. Shoes made of leather. 176,256; Nov. 20; Serial No. 180,554; published Sept. 14, 1923.
Reed, E. P., & Co., Rochester, N. Y. Shoes made of leather. 176,258; Nov. 20; Serial No. 180,553; published Sept. 4, 1923.
Reed, Ernest A., New York, N. Y. Yarns. 174,095; Oct. 2; Serial No. 179,623; published July 10, 1923.
Reed Oil Company, Rogers, Ark. Lubricating oils and greases. 173,407; Sept. 25; Serial No. 176,366; published June 19, 1923.
Reed Oil Company, Rogers, Ark. Lubricating oils and greases. 176,462; Nov. 27; Serial No. 176,365; published Sept. 18, 1923.
Reed Roller Bit Co., Houston, Tex. Rotary drill bits, reamers, fishing tools for wells. 176,622; Nov. 27; Serial No. 159,055; published Sept. 18, 1923.
Reed, Wm., Engineering Company, Louisville, Ky. Oily liquid for impregnating the filling mass of air filters. 173,828; Oct. 2; Serial No. 175,371; published June 26, 1923.
Reeder, Oliver, & Son, Incorporated, Baltimore, Md. Marine, ready-mixed, and copper paints. 166,059; Mar. 27; Serial No. 168,173; published Nov. 7, 1922.
Reeder, Oliver, & Son, Incorporated, Baltimore, Md. Copper paint, nonfouling paint, anticorrosive composition, antifouling composition, prepared paints, etc. 166,060; Mar. 27; Serial No. 168,172; published Nov. 7, 1922.
Reeder, Oliver, & Son, Inc., Proprietors of the Baltimore Copper Paint Company, Baltimore, Md. Paints and varnishes. 170,510; July 17; Serial No. 173,006; published Apr. 17, 1923.
Reeder-Stage Chemical Company, The, Saginaw, Mich. Cleaning compound. 171,851; Aug. 14; Serial No. 170,954; published May 1, 1923.
Reel, Marian, Canaan, Conn. Stove polish. 168,894; May 29; Serial No. 168,789; published Feb. 27, 1923.
Reel Products Company, Cedar Rapids, Iowa. Yeast cakes for culinary purposes. 171,355; Aug. 7; Serial No. 171,104; published May 8, 1923.
Rees, Fred, doing business as The Remo Manufacturing Co., Meriden, Conn. Safety pins. 164,032; Feb. 6.
Rees Manufacturing Company, Pittsburgh, Pa. Safety mirrors. 167,988; May 8.
Reese, Bert, Philadelphia, Pa. Cartoons and illustrations used for advertising purposes. 170,681; July 17; Serial No. 173,209; published Apr. 24, 1923.
Reese Chemical Co., The, Cleveland, Ohio. Prophylactic remedy. 170,127; July 10; Serial No. 155,122; published Apr. 10, 1923.
Reese Chemical Company, The, Cleveland, Ohio. Remedy for constipation and headaches, 166,175; Mar. 27; Serial No. 166,470; published Nov. 28, 1922.
Reese Chemical Company, The, Cleveland, Ohio. Remedy for headache and neuralgia. 174,114; Oct. 2; Serial No. 139,754; published Nov. 8, 1921.
Reese Chemical Company, The, Cleveland, Ohio. Remedy for the treatment of goiter. 174,401; Oct. 16; Serial No. 178,359; published July 17, 1923.
Reese, Edward, doing business as Standard Crystal Company, Newark, N. J. Radio detector crystals used in wireless receiving sets. 170,958; July 24.
Reese, Edward, doing business as Standard Crystal Company, Newark, N. J. Detector crystals used in wireless receiving sets. 172,803; Sept. 11; Serial No. 172,494; published June 5, 1923.
Reese, George, doing business as Return Oil Ring Co., San Francisco, Calif. Piston rings. 176,353; Nov. 20.
Reeves Coal and Dock Co., Minneapolis, Minn. Coal. 174,578; Oct. 23; Serial No. 164,194; published July 17, 1923.
Reeves, Percy, Chicago, Ill. Toys, and particularly cut-out dolls. 165,528–9; Mar. 13; Serial Nos. 158,008–9; published Dec. 19, 1922.
Refinishing Products Co. (See Whitman, Edmund B.)
Reflecto Stove Gloss Company, North Grosvenor Dale, Conn. Liquid stove polish. 163,804; Jan. 30.
Reflector & Illuminating Co., Chicago, Ill. Color screen and holder attachment for reflectors. 168,995; May 29.
Regal Corset Company, Worcester, Mass. Corsets, brassières, and bandeaux, 164,181; Feb. 13.
Regal Supply Corporation, New York, N. Y. Baking powder and cream of tartar. 175,403; Nov. 6; Serial No. 163,111; published Aug. 21, 1923.
Regal Typewriter Company, Inc., New York, N. Y. Typewriting machines and parts thereof. 165,510; Mar. 13; Serial No. 165,089; published Dec. 5, 1922.
Regatta Manufacturing Co. Inc., Baltimore, Md. Pyjamas and men's undergarments. 164,875; Feb. 27.
Regent Laboratories. (See Milliken, John T., & Company.)
Regulation Paint Co., Louisville, Ky. Paint, varnish, paint enamel, etc. 171,527; Aug. 7; Serial No. 176,044; published May 8, 1923.
Regulation Paint Co., Louisville, Ky. Ready-mixed paints. 176,546; Nov. 27; Serial No. 183,597; published Sept. 18, 1923.
Regulation Paint Co. Paints. 176,548; Nov. 27; Serial No. 183,596; published Sept. 18, 1923.
Reichel, Edward A., Co., Milwaukee, Wis. Oils and greases used for lubricating purposes. 174,963; Oct. 30; Serial No. 159,885; published Aug. 7, 1923.
Reichman & Faust, New York, N. Y. Powder puffs. 164,515; Feb. 20.
Reichman & Faust, New York, N. Y. Hair rolls. 167,443; May 1; Serial No. 161,065; published Nov. 7, 1922.
Reid Bros., Inc., San Francisco, Calif., and Seattle, Wash. Metal and wood aseptic furniture. 174,246; Oct. 9; Serial No. 168,790; published July 3, 1923.
Reid, Murdoch & Co., Chicago, Ill. Toothpicks. 164,845; Feb. 27.
Reid, Murdoch & Co., Chicago, Ill. Baking powder and baking soda. 173,471; Sept. 25; Serial No. 176,283; published June 19, 1923.
Reid, Murdoch & Co., Chicago, Ill. Canned fish. 177,264; Dec. 11; Serial No. 167,828; published Sept. 25, 1923.
Reid, Murdoch & Co., Chicago, Ill. Tea. 177,776; Dec. 25; Serial No. 183,940; published Oct. 9, 1923.
Reid, Murdoch & Co., Chicago, Ill. Tea. 177,779–80; Dec. 25; Serial Nos. 183,854–5; published Oct. 9, 1923.
Reiff, Ronald A., Pottstown, Pa. Ladies' knitted underwear. 173,659; Oct. 2; Serial No. 176,216; published June 19, 1923.

Reiffman-Corn Inc., New York, N. Y. Vests for outer wear for men. 174,842; Oct. 23; Serial No. 177,801; published July 31, 1923.
Reilly, Ellen, Spokane, Wash. Medicine for nervous diseases, epilepsy, and sleeplessness. 163,156; Jan. 2.
Reilly, William J., Brooklyn, N. Y. Leather floor mats and runners. 169,044; June 5; Serial No. 158,154; published Mar. 13, 1923.
Rein, F. Charles, & Son, America, Inc., New York, N. Y. Instruments for aiding the hearing. 175,879; Nov. 13; Serial No. 180,080; published Sept. 4, 1923.
Reinartz, John L., New York, N. Y. Electrical inductances. 177,585; Dec. 18.
Reiner Brothers Co., The, Waterbury, Conn. Beverages sold as soft drinks and sirups for making the same. 163,389; Jan. 9.
Reingold Hosiery Co., New York, N. Y. Men's, ladies', and children's hosiery. 164,753; Feb. 27.
Reinhertz, Max I., doing business as Reinhertz Mfg. Co., San Francisco, Calif. Men's pants. 173,843; Oct. 2; Serial No. 171,957; published June 12, 1923.
Reish, George L., assignor to R. V. Foster, Mifflinburg, Pa. Leather preservative. 174,018; Oct. 2; Serial No. 175,324; published July 3, 1923.
Reiss, Fred, doing business as Paramount Specialty Co., Louisville, Ky. Cleanser for artificial teeth. 177,374; Dec. 18; Serial No. 180,891; published Sept. 25, 1923.
Reiss-Premier Pipe Company, Chicago, Ill. Smoking pipes and cases for pipes. 165,962; Mar. 27; Serial No. 156,806; published Mar. 14, 1922.
Relenvalen, D., Cleveland, Ohio. Advertising literature. 174,122; Oct. 2; Serial No. 156,860; published June 12, 1923.
Reliable Manufacturing Co., The, Cleveland, Ohio. Storage-battery clips. 165,121; Mar. 6; Serial No. 123,498; published Oct. 11, 1921.
Reliance Manufacturing Company, Chicago, Ill. Men's and boys' work shirts, boys' blouses and play suits. 166,672; Apr. 10; Serial No. 165,506; published Jan. 9, 1923.
Reliance Manufacturing Company, Chicago, Ill. Men's and boys' work shirts. 166,706; Apr. 10; Serial No. 167,268; published Jan. 9, 1923.
Reliance Manufacturing Company, Chicago, Ill. Men's work shirts. 173,794; Oct. 2; Serial No. 174,753; published July 10, 1923.
Relyea Soap Co., Inc., The, Louisville, Ky. Preparation for preventing the running of dyes in fabrics during washing. 173,511; Sept. 25.
Remar Sweets Company, The, San Francisco, Calif. Candies. 164,653; Feb. 27.
Remiller Co., The, New York, N. Y. Face rouge. 163,157; Jan. 2.
Remiller Co., The, New York, N. Y. Face powder. 164,481; Feb. 20.
Remiller Co., The, New York, N. Y. Face and hand lotion. 174,065; Oct. 2; Serial No. 178,472; published July 10, 1923.
Remiller Co., The, New York, N. Y. Rouge. 175,645; Nov. 6; Serial No. 180,723; published Aug. 28, 1923.
Remiller Co., The, New York, N. Y. Talcum powder. 177,363; Dec. 18; Serial No. 181,866; published Sept. 25, 1923.
Remington Arms Company, Inc., New York, N. Y. Paper shot shells. 175,229; Oct. 30.
Remington Salt Company. (See Crystaline Salt Co., assignor.)
Remington Salt Company, Ithaca, N. Y. Salt. 165,491; Mar. 13; Serial No. 166,203; published Nov. 7, 1922.
Remington Salt Company, Ithaca, N. Y. Salt. 175,676; Nov. 6.
Remo Manufacturing Co., The. (See Rees, Fred.)
Remy, Albert F., Co., The, Mansfield, Ohio. Canned fruits, vegetables, fish, meats, oysters, catchup, and soup. 23,015; renewed May 9, 1923.
Renaud's Incorporated, Pittsburgh, Pa. Bread. 165,398; Mar. 6; Serial No. 156,861; published Oct. 31, 1922.
Rentz Spark Plug Company, Atlanta, Ga. Spark plugs. 165,151; Mar. 6; Serial No. 145,415; published May 17, 1921.
Renulife Electric Co., Detroit, Mich. Electric therapeutic apparatus, including violet-ray and ozone generators, etc. 173,414; Sept. 25; Serial No. 178,193; published June 19, 1923.
Reo Motor Car Company, Lansing, Mich. Light motor trucks. 163,527; Jan. 16.
Reol Refrigerator Co. (See Ottenheimer, Reuben E.)
Replacement Auto Parts Company, Pittsburgh, Pa. Repair and replacement parts for automobiles. 164,399; Feb. 20.
Republic Box Company, Chicago, Ill. Wooden bottle boxes, poultry coops, packing boxes, etc. 163,390; Jan. 9.
Republic Photographic Corporation, Ferguson, Mo., and New York, N. Y. Electric lamps for use in photographic and moving-picture studios. 166,557; Apr. 10; Serial No. 170,339; published Jan. 2, 1923.
Republic Rubber Company, The, Youngstown, Ohio. Tire casings. 175,966; Nov. 13; Serial No. 173,300; published Sept. 4, 1923.
Republican Women of Pennsylvania, Incorporated, Philadelphia, Pa. Periodical published at monthly intervals. 176,527; Nov. 27; Serial No. 182,610; published Sept. 18, 1923.
Resco Radio Co., The. (See Radio Engineering & Sales Co.)
Research Advertising Bureau. (See Cook, Jerome I.)
Resler, Herman & Company, Chicago, Ill. Cotton and silk and cotton piece goods, ladies' woolen dress fabrics, and dress linens. 173,251; Sept. 18; Serial No. 159,286; published June 19, 1923.
Resolute Shirt Co. (See Lazinsky, Barnet.)
Respro Inc., Providence, R. I. Electrical insulating material. 174,452; Oct. 16, Serial No. 162,199; published June 26, 1923.
Rett, William F., doing business as Nu-Ka-Na Remedy Co., Roselle, N. J. Medicine known as a blood purifier and body builder. 174,472; Oct. 16; Serial No. 178,284; published July 17, 1923.
Return Oil Ring Co. (See Reese, George.)
Revillon Frères, New York, N. Y. Furs, fur coats for men and women, coats of cloth material, plain or trimmed with fur for men and women. 164,858; Feb. 27.
Rex Cigar Co., Shelby, N. C. Cigars and cigarettes. 165,750; Mar. 20; Serial No. 171,037; published Dec. 12, 1922.
Rex-Hide Rubber Manufacturing Company, East Brady, Pa. Vulcanizable material used in the manufacture of rubber products. 163,158; Jan. 2.
Rex-Hide Rubber Manufacturing Company, East Brady, Pa. Vulcanizable material. 163,159; Jan. 2.
Rex Knitting Co., Little Falls, N. Y. Sweaters and sweater coats. 173,651; Oct. 2; Serial No. 176,570; published June 19, 1923.
Rex Manufacturing Co. (See Davis, J. R.)
Rex Window Advertising Co., Inc., New York, N. Y. Paper and cardboard signs, displays, and billboard sheets. 173,768; Oct. 2; Serial No. 177,051; published June 12, 1923.
Rey-Del-Rey Candy Co., Philadelphia, Pa. Candy. 174,669; Oct. 23; Serial No. 172,044; published July 24, 1923.
Rey & Rey, Roquefort-sur-Soulzon, France. Machines for slicing and cutting cheese. 175,556; Nov. 6; Serial No. 179,743; published Aug. 21, 1923.
Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Cigarette paper. 174,501; Oct. 16; Serial No. 181,349; published July 24, 1923.
Reynolds, Wm. T., & Co., Inc., Poughkeepsie, N. Y. Coffee. 176,963; Dec. 11; Serial No. 178,287; published Sept. 25, 1923.
Reliable Importing Co. Inc., New York, N. Y. Vegetable salad oil. 169,307; June 12; Serial No. 168,238; published Mar. 27, 1923.
Reliable Importing Company, Inc., New York, N. Y. Salad vegetable oil. 170,446; July 17; Serial No. 172,174; published Apr. 10, 1923.
Reliance Coal and Coke Co., The, Cincinnati, Ohio. Coal. 171,941; Aug. 14.
Reliance Coal Company, Chicago, Ill. Coal. 168,979; May 29.
Remien & Kuhnert Co., Chicago, Ill. Varnishes. 170,055; July 10; Serial No. 175,885; published Apr. 10, 1923.
Remiller Co., The, New York, N. Y. Soap. 168,218; May 15; Serial No. 172,353; published Feb. 20, 1923.
Remiller Co., The, New York, N. Y. Soap. 169,470; June 19; Serial No. 173,673; published Mar. 20, 1923.
Remmers Soap Company, The, Cincinnati, Ohio. Soap. 168,402; May 22; Serial No. 171,551; published Feb. 20, 1923.
Remmers Soap Company, The, Cincinnati, Ohio. Soap. 168,960; May 29; Serial No. 171,589; published Mar. 6, 1923.
Remy, Albert F., Co., The, Mansfield, Ohio. Canned fruits, vegetables, fish, meats, oysters, catchups and soups. 23,466; renewed Aug. 8, 1923.
Remy, Albert F., Co., The, Mansfield, Ohio. Canned fruits, vegetables, fish, meat, oysters, catchup, and soup. 23,482; renewed Aug. 15, 1923.
Republic Photographic Corporation, Ferguson, Mo. Sensitized photographic paper. 170,239; July 10; Serial No. 174,336; published Apr. 3, 1923.
Republic Varnish Company, Newark, N. J. Ready-mixed paint, varnish, and paint enamel. 168,298; May 15.
Republic Varnish Company, Newark, N. J. Ready-mixed paint, varnish, and paint enamel. 171,226; July 31; Serial No. 177,107; published May 15, 1923.
Requa Bros., Cold Spring Harbor, N. Y. Baking powder. 169,801; July 3; Serial No. 170,833; published Mar. 27, 1923.
Requa Bros., Cold Spring Harbor, N. Y. Coffee and tea. 171,233; July 31; Serial No. 170,834; published May 15, 1923.
Retailers' Manufacturing Corporation, Wilmington, Del.; Chicago, Ill.; and Tulsa, Okla. Prophylactics for the prevention of sexual diseases. 170,427; July 17; Serial No. 172,014; published Apr. 10, 1923.
Reubenstone, Louis, New York, N. Y. Jewelry. 170,937; July 24; Serial No. 169,423; published Apr. 24, 1923.
Rex Cap Company. (See Goldstein, Sam.)
Reynier & Cie., assignor to Etablissements Reynier, Grenoble, France. Leather gloves. 171,719; Aug. 14; Serial No. 143,409; published May 22, 1923.

Reynolds, Charles A., doing business as C. A. Reynolds Leather Company, Camden, N. J. Goatskins, colt and horse hides, kips and cow sides. 170,743; July 24; Serial No. 174,592; published Apr. 24, 1923.

Reynolds, James R., doing business as Soldiers Bonus Products Co., Chicago, Ill. Beverages sold as soft drinks and sirups used in the preparation of same. 170,290; July 10; Serial No. 176,217; published Apr. 17, 1923.

Reynolds & Reynolds Co., The, Dayton, Ohio. Writing tablets. 168,853; May 29; Serial No. 173,855; published Mar. 6, 1923.

Rhea Manufacturing Co., Milwaukee, Wis. Wearing apparel—namely, aprons, dresses, and bloomers. 175,117; Oct. 30; Serial No. 176,653; published Aug. 7, 1923.

Rheinauer-Roth Knitting Mills, Inc., New York, N. Y. Knitted piece goods of wool, worsted, fiber silk, etc. 172,903; Sept. 11; Serial No. 177,692; published June 5, 1923.

Rheinauer-Roth Knitting Mills, Inc., New York, N. Y. Knitted piece goods of wool, worsted, etc. 173,748; Oct. 2; Serial No. 177,693; published June 26, 1923.

Rheumatum Company. (See Sheffel, Michael W.)

Rhodes, James H., & Company, Chicago, Ill. Steel wool and soap. 163,955; Feb. 6.

Rhodes & Ripley Clothing Company, Boston, Mass. Overcoats for men, women, and children. 173,397; Sept. 25; Serial No. 173,724; published June 26, 1923.

Rhodia Chemical Company, New Brunswick, N. J. Protective materials used for coating and sealing containers. 165,814; Mar. 20; Serial No. 166,148; published Dec. 5, 1922.

Rhumacine Medicine Company. (See Canode, Charles H.)

Ribeiro, Alberto L., Camden, N. J. Folding chairs, tables, and stools. 175,243; Oct. 30.

Ricco Company of America, The, Columbus, Ga. Beverages sold as soft drinks. 175,456; Nov. 6; Serial No. 150,470; published Oct. 31, 1922.

Rice, A. L., Inc., Adams, N. Y. Dry paint composition. 171,430; Aug. 7; Serial No. 165,507; published May 15, 1923.

Rice & Hutchins, Incorporated, Boston, Mass. Boots shoes, slippers. 163,617; Jan. 23.

Rice, Duane R., Baltimore, Md. Bread. 163,528–9; Jan. 16.

Rice, Stix & Co., assignor to Rice-Stix Dry Goods Company, St. Louis, Mo. Men's overalls, pantaloons, shirts, and drawers. 22,337; renewed Jan. 10, 1923.

Rice-Stix Dry Goods Company. (See Rice, Stix & Co., assignor.)

Rice-Stix Dry Goods Company, St. Louis, Mo. Pyjamas, nightshirts, and night coats, beach coats, gymnasium coats, etc. 168,194; May 15; Serial No. 168,802; published Feb. 6, 1923.

Rice-Stix Dry Goods Company, St. Louis, Mo. Hosiery. 173,494; Sept. 25; Serial No. 175,567; published June 12, 1923.

Rich-Alloy Company, The, Cleveland, Ohio. Alloys of gold for dental work. 168,583; May 29; Serial No. 163,354; published Feb. 27, 1923.

Rich Brothers Cereal Company, Cedar Rapids, Iowa. Rolled oats. 175,425; Nov. 6; Serial No. 174,031; published May 15, 1923.

Rich, E. C., Inc., New York, N. Y. Gelatin. 172,624; Sept. 11; Serial No. 159,105; published July 25.

Rich Shoe Company, The, Milwaukee, Wis. Ladies' shoes. 166,065; Mar. 27; Serial No. 168,127; published Nov. 14, 1922.

Rich Shoe Company, The, Milwaukee, Wis. Boots and shoes. 169,418; June 12.

Richard Hudnut. (See Dickey, Laurence P., assignor.)

Richard, Irwin, doing business as Red Hill Broom Works, Red Hill, Pa. Brooms. 163,391; Jan. 9.

Richard, Irwin, doing business as Red Hill Broom Works, Red Hill, Pa. Brooms. 164,998; Feb. 27.

Richards, Anna M., doing business as Gramana Dairy Co., Phillipsburg, N. J. Milk and cream. 167,472; May 1; Serial No. 166,957; published Dec. 12, 1922.

Richards & Brennan Co., Randolph, Mass. Shoes, rubbers, overshoes, etc. 169,534; June 19; Serial No. 167,011; published Mar. 27, 1923.

Richards & Co. (London) Limited, London, England. Dates. 167,717; May 8; Serial No. 144,297; published Aug. 1, 1922

Richards, Joseph, Company, Inc., New York, N. Y. Printed books and their component parts. 174,015; Oct. 2; Serial No. 175,407; published June 26, 1923.

Richardson & Boynton Company, New York, N. Y., and Chicago, Ill. Hot air and water heaters. 23,323; renewed July 4, 1923.

Richardson & Boynton Co., New York, N. Y. Warm-air furnace. 174,617; Oct. 23; Serial No. 179,222; published July 24, 1923.

Richardson Company, The. (See Heppes-Nelson Roofing Company.)

Richardson Company, The, Lockland, Ohio. Bituminous compositions. 169,299; June 12; Serial No. 167,017; published Mar. 27, 1923.

Richardson Company, The, Lockland, Ohio. Sanitary sound-deadening and insulating fabric. 169,335; June 12; Serial No. 173,533; published Mar. 27, 1923.

Richardson Dry Goods Co., St. Joseph, Mo. Men's, women's, and children's underwear of knitted and textile fabric. 164,722; Feb. 27.

Richardson Dry Goods Co., St. Joseph, Mo. Cotton, silk and cotton, linen and cotton, and wool and cotton piece goods. 170,456; July 17; Serial No. 172,351; published Apr. 10, 1923.

Richardson Dry Goods Company, St. Joseph, Mo. House dresses and aprons. 172,208; Aug. 28; Serial No. 173,301; published May 29, 1923.

Richardson & Holland, Inc., Seattle, Wash. Powdered sugar. 171,758; Aug. 14; Serial No. 141,399; published May 29, 1923.

Richardson-Marsh Corporation, The, Orlando, Fla. Fresh citrous fruits. 173,950; Oct. 2; Serial No. 178,867; published July 17, 1923.

Richardson, O. W., & Co., Chicago, Ill. Linoleum. 163,924; Feb. 6.

Richardson, O. W., & Co., Chicago, Ill. Phonographs and parts thereof. 169,506; June 19; Serial No. 171,038; published Mar. 27, 1923.

Richardson, O. W., & Co., Chicago, Ill. Household furniture. 169,653; June 26; Serial No. 168,553; published Mar. 27, 1923.

Richardson, O. W., & Co., Chicago, Ill. Linoleum. 171,631; Aug. 7; Serial No. 175,945; published May 15, 1923.

Richardson, O. W., & Co., Chicago, Ill. Textile rugs and carpets. 171,632; Aug. 7; Serial No. 175,944; published May 15, 1923.

Richardson, O. W., & Co., Chicago, Ill. Textile rugs and carpets. 175,083; Oct. 30; Serial No. 168,552; published Aug. 14, 1923.

Richardson's Dry Hop Yeast Company. (See Pearson, Minnie A.)

Rich-Maid Mfg. Co., Inc., Richmond, Va. Pop-corn confection. 169,301; June 12; Serial No. 167,328; published Mar. 27, 1923.

Rich-Maid Mfg. Co., Inc., Richmond, Va. Pop-corn confection. 173,209; Sept. 18; Serial No. 171,816; published June 19, 1923.

Rich-Maid Mfg. Co., Inc., Richmond, Va. Pop-corn confection. 175,759; Nov. 13; Serial No. 171,817; published Aug. 21, 1923.

Richman, Philip, New York, N. Y. Fur garments. 176,111; Nov. 20; Serial No. 162,349; published Aug. 28, 1923.

Richmond Beverage Machine Corporation, Richmond, Va. Machines for dispensing beverages and the like. 168,915; May 29; Serial No. 155,640; published Mar. 6, 1923.

Richmond Cedar Works, Richmond, Va. Ice-cream freezers. 174,316; Oct. 16; Serial No. 177,694; published June 5, 1923.

Richmond-Chase Company, San Jose, Calif. Canned fruits. 168,812; May 29; Serial No. 170,036; published Mar. 13, 1923.

Richmond Hosiery Mills, Rossville, Ga. Hosiery. 168,974–7; May 29.

Richmond Hosiery Mills, Rossville, Ga. Hosiery. 168,983–5; May 29.

Richmond Hosiery Mills, Rossville, Ga. Canopies for electric-light fixtures and parts thereof. 168,991–3; May 29.

Richmond Hosiery Mills, Rossville, Ga. Hosiery. 174,253; Oct. 9; Serial No. 154,760; published May 22, 1923.

Richmond Hosiery Mills, Rossville, Ga. Hosiery. 176,245; Nov. 20; Serial No. 182,838; published Sept. 11, 1923.

Richmond Hosiery Mills, Rossville, Ga. Hosiery. 176,460; Nov. 27; Serial No. 176,571; published Sept. 18, 1923.

Richter Card & Paper Co., Inc., New York, N. Y. Announcements. 174,281; Oct. 9; Serial No. 179,224; published July 3, 1923.

Richter, Julius, doing business as Globe Import Co., New York, N. Y. Scissors and pocketknives. 170,159; July 10; Serial No. 169,517; published Apr. 10, 1923.

Richter, Julius, doing business as Globe Import Co., New York, N. Y. Manicure sets, including scissors and cuticles. 172,412; Aug. 28; Serial No. 178,627; published May 29, 1923.

Rickard Shoe Company, Haverhill, Mass. Shoes. 176,340; Nov. 20.

Ricker Company, The, Newark, N. J. Belt buckles and buckles and clasps for shoes and slippers. 165,963; Mar. 27; Serial No. 156,973; published Aug. 15, 1922.

Rico Ignition Company, Pittsfield, Mass. Electrical apparatus and supplies. 165,206; Mar. 6; Serial No. 166,714; published Nov. 14, 1922.

Ridenour-Baker Grocery Company, Kansas City, Mo. Coffee. 175,367; Nov. 6; Serial No. 176,218; published Aug. 14, 1923.

Ridge, William F., doing business as Ridged Grip Company, Akron, Ohio. Grips for steering wheels of automobiles, etc. 174,462; Oct. 16; Serial No. 174,261; published July 17, 1923.

Ridgway, Charles R. (See Davis, O., and Ridgway.)

Ridley, Lotta B., Louisville, Ky. Face powder in paste form. 170,948; July 24; Serial No. 167,327; published Apr. 24, 1923.

Ridley Watts & Co. (See Willis, Grinnell, assignor.)

Ridley Watts & Co., New York, N. Y. Cotton piece goods. 168,433; May 22; Serial No. 171,190; published Feb. 20, 1923.

Riebe Ball Bearing Company Inc, New York, N. Y. Ball bearings. 176,815; Nov. 27.

Riedel, J. D., Aktiengesellschaft, Berlin-Britz, Germany. Salts of ammonia of sulphoacids of sulphurous, natural, or artificial carbohydrogens or mixtures of carbohydrogens. 164,297; Feb. 20.

Rieger, Ernest A., New York, N. Y. Silk piece goods. 165,923; Mar. 20.

Rieger, Ernest A., New York, N. Y. Silk piece goods. 166,953; Apr. 17; Serial No. 170,899; published Jan. 30, 1923.

Rieser Company Inc., The. (See Rieser, N., Company Inc.)

Rieser Company, The, New York, N. Y. Lip sticks, face powders, rouge, etc. 172,378; Aug. 28; Serial No. 155,449; published Feb. 21, 1922.

Rieser, N., Company Inc., The (now by change of name The Rieser Company Inc.), New York, N. Y. Soap. 169,523–5; June 19; Serial Nos. 172,654–6; published Mar. 20, 1923.

Riesman, Philip, doing business as Royal Electric Company, Chelsea, Mass. Electric bulbs and lamps. 172,015; Aug. 21; Serial No. 174,924; published May 8, 1923.

Rigaud. (See Rigaud, Henri.)

Rigaud, Henri, doing business as Rigaud, Paris, France, and New York, N. Y. Face powders and rouges. 164,460; Feb. 20.

Rigaud, Henri, doing business as Rigaud, Paris, France, and New York, N. Y. Perfume, toilet water, face powder, talcum powder, rouge, etc. 164,461–3; Feb. 20.

Rigaud, Henri, doing business as Rigaud, Paris, France, and New York, N. Y. Perfume, toilet water, face and talcum powder. 164,464; Feb. 20.

Rigaud, Henri, doing business as Rigaud, Paris, France, and New York, N. Y. Face powders and rouges. 164,465–6; Feb. 20.

Rigaud, Henri, doing business as Rigaud, Paris, France, and New York, N. Y. Perfume, toilet water, face powder, rouge, face creams, etc. 164,467; Feb. 20.

Rigaud, Henri, doing business as Rigaud, Paris, France, and New York, N. Y. Hand lotion. 164,468; Feb. 20.

Rigaud Henri, doing business as Rigaud, Paris, France, and New York, N. Y. Liquid face and toilet powder. 164,469; Feb. 20.

Rigaud, Henri, doing business as Rigaud, Paris, France, and New York, N. Y. Face powders and rouges. 164,470–1; Feb. 20.

Rigaud, Henri, doing business as Rigaud, Paris, France, and New York, N. Y. Perfume, toilet water, face lotion. 166,971; Apr. 17.

Rigaud, Henri, doing business as Rigaud, Paris, France, and New York, N. Y. Perfume, rouge, face creams, etc. 166,972; Apr. 17.

Rigaud, Henri, doing business as Rigaud, Paris, France, and New York, N. Y. Face powder tint. 168,028; May 8.

Rigaud, Henri, doing business as Rigaud, Paris, France, and New York, N. Y. Perfume, toilet water, face and talcum powders, etc. 172,809; Sept. 11; Serial No. 175,025; published June 5, 1923.

Riggs, Thomas E., Independence, Mo. Washing compounds. 166,410; Apr. 3; Serial No. 166,749; published Dec. 5, 1922.

Rigid Tool Holder Company. (See Gibbs, Edward F.-G.)

Rike Folding Box Company, The, Dayton, Ohio. Paper garment bags. 167,998; May 8.

Rike Folding Box Company, The, Dayton, Ohio. Paper garment bags. 170,892; July 24; Serial No. 159,882; published Apr. 24, 1923.

Riker, Galindo & Company, Inc., New York, N. Y. Coffee, flavoring extracts, milk, tea, canned goods. 171,277; July 31.

Riley Shoe Manufacturing Company, The, Columbus, Ohio. Shoes. 169,431; June 12.

Riley Shoe Manufacturing Co., The, Columbus, Ohio. Shoes. 173,577; Sept. 25.

Ringe, Mamie, Philadelphia, Pa. Candies. 175,291; Nov. 6; Serial No. 154,570; published Aug. 14, 1923.

Ringler, F. A., Company, New York, N. Y. Stereotype and electrotype plates and blocks. 22,974; renewed May 9, 1923.

Ringler, Geo., & Co., New York, N. Y. Malt beverage. 176,812; Nov. 27.

Ringler, Geo., & Co., New York, N. Y. Malt beverage. 176,932; Dec. 4.

Ringler, William A., Philadelphia, Pa. Receipt books and filing cards for bookkeeping purposes. 174,251; Oct. 9; Serial No. 160,434; published July 10, 1923.

Riodela Chemical Co., Wilmington, Del. Boiler compounds. 167,824; May 8; Serial No. 170,216; published Feb. 13, 1923.

Rioux, Joseph F., doing business as Bliss Brothers Company, Attleboro, Mass. Cigarette holders. 169,678; June 26; Serial No. 173,610; published Mar. 27, 1923.

Ripley, Edward, & Son, Ltd., Bradford, England. Piece goods of wool and cotton. 166,551; Apr. 10; Serial No. 122,498; published Apr. 13, 1920.

Risdon Manufacturing Company, The, Naugatuck, Conn. Safety pins. 175,200; Oct. 30; Serial No. 175,104; published Aug. 7, 1923.

Ristel Manufacturing Company, Los Angeles, Calif. Refrigerators. 168,229; May 15; Serial No. 171,553; published Feb. 13, 1923.

Ritchie, D. & Co., Montreal, Canada, assignor to Imperial Tobacco Company of Canada. Tobacco, cigars, cigarettes, and cheroots. 23,348; renewed July 11, 1923.

Ritchie, D., & Co., assignor to Imperial Tobacco Company of Canada, Limited, Montreal, Canada. Tobacco, cigars, cigarettes, and cheroots. 23,349; renewed July 11, 1923.

Rite Form Corset Co. Inc., The, New York, N. Y. Corset steels. 173,863; Oct. 2; Serial No. 175,107; published June 12, 1923.

Ritestone Products Corporation, New York, N. Y. Stucco and composition of a cementitious nature for making flooring. 172,914; Sept. 11; Serial No. 178,628; published June 5, 1923.

Riteweb Manufacturing Company Inc., Yonkers, N. Y. Athletic and knitted underwear. 173,371; Sept. 25; Serial No. 178,286; published July 10, 1923.

Riteweb Manufacturing Company, Inc., Yonkers, N. Y. Athletic and knitted underwear. 173,373; Sept. 25; Serial No. 178,285; published July 10, 1923.

Ritter Brothers, New York, N. Y. Vanity cases and ladies' hand bags. 170,769; July 24; Serial No. 177,517; published Apr. 24, 1923.

Ritter, Harry E., and Mary V. Gordon, Selinsgrove, Pa. Cancer salve. 174,357; Oct. 16; Serial No. 176,917; published July 10, 1923.

Ritter Hosiery Company, Fleetwood, Pa. Hosiery. 177,260; Dec. 11; Serial No. 183,669; published Sept. 25, 1923.

Ritter, Samuel P., doing business as Dr. Ritter's Laboratories, Hackensack, N. J. Antiseptic tablets. 168,692; May 29; Serial No. 169,780; published Feb. 13, 1923.

Ritzler, Charles E., Dayton, Ohio. Nonintoxicating carbonated beverages. 165,597; Mar. 13; Serial No. 132,570; published Sept. 21, 1920.

River-Lake Chemical Co., Silver Spring, Md. Fire-extinguishing compound. 176,239; Nov. 20; Serial No. 160,905; published Aug. 7, 1923.

Riverside Paint & Varnish Company, Boston, Mass. Paints, varnishes, japans, driers, etc. 166,735; Apr. 10.

Roach Tisdale & Co., Minneapolis, Minn. Confections comprising chocolates, bonbons, hard candies, etc. 171,089; July 31; Serial No. 173,534; published Apr. 24, 1923.

Roach, W. R., & Company, Grand Rapids, Mich. Fresh fruits and vegetables. 173,160; Sept. 18; Serial No. 159,054; published June 19, 1923.

Roanoke Mills Company, Roanoke Rapids, N. C. Woven cotton fabrics, including cotton flannels. 174,003; Oct. 2; Serial No. 175,439; published July 17, 1923.

Robbins, Henry A., Boston, Mass. Phonographs. 169,357; June 12; Serial No. 172,439; published Feb. 27, 1923.

Robbins, Samuel D., Boston, Mass. Publication on the correction of stammering. 177,471; Dec. 18; Serial No. 175,568; published Sept. 25, 1923.

Robbins, William G., doing business as Webber Chemical Co., Los Angeles, Calif. Compound sirups, compound extract of coca leaves and kola nuts. 173,350; Sept. 25; Serial No. 169,257; published June 26, 1923.

Robert, Samuel, doing business as Konroe Merchants, New York, N. Y. Dolls. 167,161; Apr. 24; Serial No. 173,244; published Feb. 6, 1923.

Robert, Samuel, doing business as Konroe Merchants, New York, N. Y. Horticultural and floricultural products. 169,085; June 5; Serial No. 173,245; published Mar. 13, 1923.

Robert, Samuel, doing business as Konroe Merchants, New York, N. Y. Dolls and toy favors. 171,080; July 31; Serial No. 173,247; published May 15, 1923.

Robert, Samuel, doing business as Konroe Merchants, New York, N. Y. Egg slicers and cake forms. 173,193; Sept. 18; Serial No. 173,246; published June 19, 1923.

Roberti Bros., Los Angeles, Calif. Closet and wall beds. 169,630; June 26; Serial No. 174,110; published Mar. 27, 1923.

Roberts Jewelry Co. (See Adelson, Isaac J.)

Roberts, Jonathan, Camden, N. J. Shoes. 176,332; Nov. 20.

Roberts, Julian, New York, N. Y. Hand sewing, knitting, crewel, chenille, etc., needles. 168,887; May 29; Serial No. 170,256; published Feb. 27, 1923.

Roberts, Lewis, Inc., Newark, N. J. Printing inks. 174,900; Oct. 23; Serial No. 178,629; published July 24, 1923.

Roberts, O. L., Gary, Ind. Tonic for treatment of rheumatism, pains, swelling in the joints, etc. 165,803; Mar. 20; Serial No. 167,657; published Jan. 2, 1923.

Roberts, P. A., Construction Co., Inc., The, Washington, D. C. Garages. 175,540; Nov. 6; Serial No. 180,619; published Aug. 21, 1923.

Roberts, W. M., Chicago, Ill. Medical preparation for treatment of asthma. 167,746; May 8; Serial No. 169,562; published Jan. 9, 1923.

Robertson, Bolling L., doing business as Manassas Feed & Milling Co., Manassas, Va. Wheat flour. 171,014; July 31; Serial No. 169,323; published Apr. 3, 1923.

Robertson Leather Company, Inc., New York, N. Y. Leathers. 173,695; Oct. 2; Serial No. 177,329; published June 19, 1923.

Robertson-McClintock Co., Inc., San Francisco, Calif. Coffee, tea, and spices. 164,544; Feb. 20.

Robertson, Theo B., Products Co. Inc., Chicago, Ill. Soap. 163,446; Jan. 9.

Robertson, Walter, & Son, Ltd., Brentford Bridge, Middlesex, England. Table jellies, caramel toffees and other boiled-sugar goods. 170,582; July 17; Serial No. 167,690; published Apr. 24, 1923.

Robeson Process Company, New York, N. Y. Liquid composition employed as a treating and tanning agent in the manufacture of leather from hides and skins. 165,839; Mar. 20; Serial No. 169,684; published Jan. 2, 1923.

Robeson, William B., Port Huron, Mich. Ready-mixed paint. 168,817; May 29; Serial No. 170,089; published Feb. 27, 1923.

Robinette Co., The, Syracuse, N. Y. Hair grower. 169,657; June 26; Serial No. 167,195; published Mar. 6, 1923.

Robinson, A. M., Company, Atlanta, Ga. Work shirts. 168,542; May 29; Serial No. 158,155; published Oct. 17, 1922.

Robinson, A. M., Company, Atlanta, Ga. Cotton piece goods. 175,135; Oct. 30; Serial No. 180,496; published Aug. 7, 1923.

Robinson, Albert P., Seattle, Wash. Fireplace throat frames and dampers. 175,701; Nov. 6.

Robinson, Alice G., Washington, D. C. Monthly publication. 177,495; Dec. 18; Serial No. 182,719; published Oct. 2, 1923.

Robinson, Guy A., doing business as The Neptune Laboratories, Dallas, Tex. Face treating clay. 169,606; June 26; Serial No. 172,440; published Feb. 27, 1923.

Robinson, M. W., Co., New York, N. Y. Wrenches. 164,345; Feb. 20.

Robinson, Maurice, Baltimore, Md. Coats, vests, pants, overcoats. 176,811; Nov. 27.

Robinson-Roders Co., Inc., The, Newark, N. J. Mattresses, pillows, bolsters, cushions. 170,597; July 17; Serial No. 136,604; published Apr. 24, 1923.

Robinson-Roders Co., Inc., The, Newark, N. J. Mattresses, pillows, bolsters, and cushions. 174,983; Oct. 30; Serial No. 136,603; published Aug. 7, 1923.

Robinson, S. G., & Co. Inc., New York, N. Y. Ladies' dresses. 164,804; Feb. 27.

Robinson Silk Company, Inc., New York, N. Y. Silk piece goods. 165,325; Mar. 6; Serial No. 169,505; published Dec. 12, 1922.

Robinson Silk Company, Inc., New York, N. Y. Silk piece goods. 165,346; Mar. 6; Serial No. 169,507; published Dec. 12, 1922.

Robinson Silk Company, Inc., New York, N. Y. Silk piece goods. 165,347–9; Mar. 6; Serial Nos. 169,501–3; published Dec. 12, 1922.

Robinson Silk Company, Inc., New York, N. Y. Silk piece goods. 165,350; Mar. 6; Serial No. 169,499; published Dec. 12, 1922.

Robinson Silk Company, Inc., Astoria and New York, N. Y. Silk piece goods. 166,386–7; Apr. 3; Serial Nos. 169,497–8; published Dec. 12, 1922.

Robinson Silk Company, Inc., Astoria and New York, N. Y. Silk piece goods. 166,957; Apr. 17; Serial No. 170,309; published Jan. 30, 1923.

Robinson Silk Company Inc., Astoria and New York, N. Y. Silk piece goods. 167,046–7; Apr. 24; Serial Nos. 170,310–11; published Jan. 30, 1923.

Robinson Silk Company, Inc., New York, N. Y. Silk piece goods. 175,423; Nov. 6; Serial No. 169,500; published Mar. 27, 1923.

Robinson, Wm. C., & Son Co., Baltimore, Md. Lubricating oils. 164,378; Feb. 20.

Robinson, Wm. C., & Son Co., Baltimore, Md. Lubricating oils. 175,261; Oct. 30.

Robischon Corporation, New York, N. Y. Hosiery. 174,210; Oct. 9; Serial No. 179,557; published July 10, 1923.

Robison, Frank, doing business as All Star Hosiery Co., Birmingham, Ala. Silk hosiery and knitted or woven silk underwear. 175,061; Oct. 30; Serial No. 179,166; published July 10, 1923.

Roche, William E., doing business as The Roche Fruit and Produce Co., Yakima, Wash. Fresh apples. 173,329; Sept. 25; Serial No. 171,552; published June 26, 1923.

Rochelle Lace Works. (See Baechtold, Herman.)

Rochester Stamping Company, Rochester, N. Y. Electric immersion heaters, sadirons, stoves, grills, etc. 164,920; Feb. 27.

Rochester Toy Company, Rochester, N. Y. Three-wheeled carts. 168,085; May 15; Serial No. 121,785; published Feb. 20, 1923.

Rochon, Isidore, Fall River, Mass. Salve for piles, burns, and open sores. 173,225; Sept. 18; Serial No. 173,725; published June 26, 1923.

Rockaway Exterminating Company, Rockaway Beach, N. Y. Chemical compounds to be used as insect exterminators. 167,380; May 1; Serial No. 167,584; published Jan. 9, 1923.

Rockcastle Cement & Lime Company, The, Baltimore, Md., and Pine Hill and Mount Vernon, Ky. Lime. 175,561; Nov. 6; Serial No. 179,113; published Aug. 21, 1923.

Rockford Manufacturing Co. (See General Engineering & Construction Company.)

Rockford Wholesale Grocery Co., Rockford, Ill. Coffee. 170,647; July 17; Serial No. 169,563; published Apr. 17, 1923.

Rock Island Register Company, Rock Island, Ill. Registers for heating purposes. 170,923; July 24; Serial No. 165,157; published Apr. 24, 1923.

Rockland Hosiery Mills, Philadelphia, Pa. Hosiery. 166,406; Apr. 3; Serial No. 165,415; published Nov. 7, 1922.

Rockland Hosiery Mills, Philadelphia, Pa. Hosiery for women and misses. 169,415; June 12.

Rock Lick Smokeless Coal Company, Beckley, W. Va. Coal. 172,421; Aug. 28; Serial No. 174,977; published May 29, 1923.

Rockwell, Byrd C., Camden, Ark. Crates made of wood. 164,410; Feb. 20.

Rockwell Manufacturing Company, Camden, Ark. Crates made of wood. 164,519; Feb. 20.

Rockwood Manufacturing Company, The, Indianapolis, Ind. Power-transmission pulleys. 164,077; Feb. 13.

Rockwood Manufacturing Company, The, Indianapolis, Ind. Power-transmission pulleys. 164,093; Feb. 13.

Rockwood Manufacturing Company, The, Indianapolis, Ind. Power-transmission pulleys; 164,099; Feb. 13.

Rockwood Manufacturing Company, The, Indianapolis, Ind. Power-transmission pulleys. 174,153; Oct. 2.

Rockwood Manufacturing Company, The, Indianapolis, Ind. Fillers for power-transmission pulleys. 177,514; Dec. 18; Serial No. 163,113; published Oct. 2 1923.

Rocky Ford Melon Growers Spray Manufacturing Co., The. (See Burrell, D. V.)

Rocky Mountain Bank Note Company, Pueblo, Colo. Paper, particularly writing and printing papers. 169,098; June 5.

Rodefeld Mfg. Co., Richmond, Ind. Automobile timers. 176,077; Nov. 13; Serial No. 182,184; published Aug. 21, 1923.

Rodenbaugh & Strasser, Fort Wayne, Ind. Corn salve. 164,452; Feb. 20.

Rodex Company, The. (See Lagerholm, Fred E.)

Rodgers, John M., doing business as Rodgers' Bottling Co., Vallejo, Calif. Beverages sold as soft drinks and sirups for making the same. 177,682; Dec. 25; Serial No. 185,189; published Oct. 9, 1923.

Rodriguez, Salvador, New York, N. Y. Cigars. 170,187; July 10; Serial No. 178,360; published May 8, 1923.

Rodriguez, Salvador, New York, N. Y. Cigars. 171,759; Aug. 14; Serial No. 178,869; published May 29, 1923.

Rodriguez, Salvador, New York, N. Y. Cigars. 176,826–7; Dec. 4; Serial Nos. 182,264–5; published Sept. 25, 1923.

Rodriguez, Salvador, New York, N. Y. Cigars. 176,828; Dec. 4; Serial No. 182,262; published Sept. 25, 1923.

Roe, William G., Winterhaven, Fla. Fresh citrous and deciduous fruits. 172,065; Aug. 21; Serial No. 177,409; published May 29, 1923.

Roe, William G., Winterhaven, Fla. Fresh citrous fruits. 173,710; Oct. 2; Serial No. 177,410; published July 3, 1923.

Roehrig-Bielenberg Co., Inc., Brooklyn, N. Y. Oil colors for photographs. 164,440; Feb. 20.

Roemer, Harry L., doing business as Centralia Patch Co., Centralia, Ill. Sheet-rubber patches. 165,161; Mar. 6; Serial No. 145,476; published Nov. 7, 1922.

Roessel, Louis, & Co. Inc., Hazleton, Pa., and New York, N. Y. Crêpes and silk goods in the piece and veilings. 171,862; Aug. 14; Serial No. 174,529; published May 22, 1923.

Roessler & Hasslacher Chemical Company, The. New York, N. Y. Metal coloring and oxidizing compound used to produce a dark color on metal articles. 164,624; Feb. 20.

Roessler & Hasslacher Chemical Company, The, New York, N. Y. Zinc alloy used in zinc plating. 164,740; Feb. 27.

Roessler & Hasslacher Chemical Company, The, New York, N. Y. Zinc used in zinc plating. 164,741; Feb. 27.

Roessler & Hasslacher Chemical Company, The, New York, N. Y. Composition of matter for use in electroplating. 165,603; Mar. 13; Serial No. 167,016; published Jan. 2, 1923.

Roessler & Hasslacher Chemical Co., The, New York, N. Y. Nonferrous alloy containing various proportions of nickel. 167,206; Apr. 24; Serial No. 167,013; published Feb. 6, 1923.

Roesze, Ralph. (See Rose, Ralph.)

Roethlisberger & Co., Inc., New York, N. Y. Cheese. 167,391; May 1; Serial No. 164,198; published Jan. 30, 1923.

Rogers, Bertram C., Pittsburgh, Pa. Electrical apparatus. 169,097; June 5.

Rogers Brothers, New York, N. Y. Face and talc powders, almond lotion, cold cream, etc. 169,046; June 5; Serial No. 161,453; published July 25, 1922.

Rogers, Charles P., & Co., Inc., New York, N. Y. Bedsteads, mattresses, and springs. 163,997–9; Feb. 6.

Rogers, Charles P., & Co., Inc., New York, N. Y. Household and office furniture. 167,480; May 1; Serial No. 162,852; published Dec. 26, 1922.

Rogers Electric Company Inc., Miles City, Mont. Electrical curling irons. 177,655; Dec. 25; Serial No. 167,830; published Oct. 9, 1923.

Rogers, Francis, & Sons, New York, N. Y. Arch supports. 170,723; July 24; Serial No. 172,557; published Apr. 24, 1923.

Rogers & Hubbard Company, The, Portland, Conn. Fertilizers. 170,076; July 10; Serial No. 166,713; published Apr. 3, 1923.

Rogers, Joel H., doing business as Rogers Bracket Company, Jacksonville, Fla. Curtain brackets. 170,260; July 10; Serial No. 170,729; published Apr. 3, 1923.

Rogers Peet Company, New York, N. Y. Men's and boys' hats and caps. 166,839; Apr. 17; Serial No. 169,084; published Jan. 9, 1923.

Rogers Peet Company, New York, N. Y. Men's and boys' overcoats and suits. 177,547; Dec. 18; Serial No. 183,231; published Oct. 9, 1923.

Rogers, Urbane E., Company, The, Dallas, Tex. Vegetable and animal oil soap. 167,999; May 8.

Rogers, Wm. A., Ltd., New York and Niagara Falls, N. Y. Polishing cloths for gold, silver, and all precious metal. 163,392; Jan. 9.

Rogerson, Robert, Chicago, Ill. Salve for treatment of blood poison and a healing salve. 165,739; Mar. 20; Serial No. 169,649; published Jan. 2, 1923.

Roggen Bros. & Co., New York, N. Y. Collars. 163,618; Jan. 23.

Rohe & Brother, New York, N. Y. Smoked pork products. 175,339; Nov. 6; Serial No. 171,708; published Aug. 14, 1923.

Rohm & Haas, Aktiengesellschaft, Darmstadt, Germany. Swelling and unhairing agents for all kinds of skins and hides. 165,785; Mar. 20; Serial No. 164,557; published Jan. 2, 1923.

Röhm & Haas Aktiengesellschaft, Darmstadt, Germany. Glue and gelatins used in the manufacture of glue. 174,378; Oct. 16; Serial No. 164,196; published July 17, 1923.

Röhm & Haas Aktiengesellschaft, Darmstadt, Germany. Disinfectants, dyes, emulsion gelatin, etc. 177,415; Dec. 18; Serial No. 165,888; published Sept. 25, 1923.

Rohm & Haas Company, Philadelphia, Pa. Sulphoxylate of zinc formaldehyde. 166,407; Apr. 3; Serial No. 166,018; published Jan. 2, 1923.

Rohne Electric Co., Minneapolis, Minn. Electric gluepots, soldering irons, frying pans, etc. 172,192; Aug. 21.

Rollaway Motor Company, The, Toledo, Ohio. Automobile steering-gear-control wheels. 170,140; July 10; Serial No. 162,853; published Apr. 10, 1923.

Rollee. (See Lanfranchi, Anne.)

Roller, George W., Spokane, Wash. Insecticide for use in exterminating rodents and insects. 170,752; July 24; Serial No. 173,364; published Apr. 24, 1923.

Rollini, Ferdinand, doing business as One-4-All Polish Co., New York, N. Y. Polish for furniture, automobiles, etc. 165,837; Mar. 20; Serial No. 171,105; published Dec. 26, 1922.

Rolup Screen Company, Wilmington, Del., and New York, N. Y. Article made of canvas or other fabric having metal cross strips and roller. 175,760; Nov. 13; Serial No. 171,511; published Sept. 4, 1923.

Rolzup Auto-Robe Corporation, New York, N. Y. Robe containers for automobiles. 167,763; May 8; Serial No. 170,157; published Feb. 6, 1923.

Roman, Andrew M., Chicago, Ill. Chemical preparations for use in making blood tests. 167,370; May 1; Serial No. 168,803; published Feb. 13, 1923.

Romanik, Louis, doing business as The Le Roy Medicine Company, Milwaukee, Wis. Laxative, charcoal, and other tablets, limiments, etc. 167,553; May 1; Serial No. 165,637; published Dec. 26, 1922.

Rome Importing Co., New York, N. Y. Olive oil. 171,639; Aug. 7.

Rome Importing Co., New York, N. Y. Olive oil. 173,776; Oct. 2; Serial No. 175,680; published June 26, 1923.

Rome Wire Company, Rome, N. Y. Reenforced insulated electric cables. 174,302; Oct. 9.

Romeo, Dominick, Paterson, N J. Palliative for venereal diseases. 169 911; July 3; Serial No. 170,449; published Mar. 6, 1923.

Romeo F., & Co., Inc., New York, N. Y. Olive oil. 170,979; July 24.

Romeo, F., & Co. Inc., New York, N. Y. Olive oil. 176,690; Nov. 27; Serial No. 167,364; published Aug. 21, 1923.

Romer, Frank, Washington, D. C. Printed advertising matter. 175,880; Nov. 13; Serial No. 180,239; published Aug. 21, 1923.

Ronning Motor Company, Minneapolis, Minn. Ensilage harvesters, tractors, road graders, etc. 169,012; May 29.

Ronzoni Macaroni Company, Inc., Long Island City, N. Y. Alimentary paste products. 167,978; May 8.

Rood Candy Co., The, Pueblo, Colo. Candy. 169,255; June 12; Serial No. 171,188; published Mar. 27, 1923.

Roof Security Company, Portland, Oreg. Roof paint and wood and iron preservatives in the nature of paints. 164,633; Feb. 27.

Roos, Ed., Company of Forest Park, Forest Park, Ill. Cedar chest. 172,359; Aug. 28; Serial No. 173,675; published May 1, 1923.

Roosa, Herbert H., Rochester, N. Y. Boots, shoes, shoe heels and shanks, and parts of boots and shoes. 176,123; Nov. 20; Serial No. 167,658; published Aug. 28, 1923.

Root, A. I., Co., The, Medina, Ohio. Beehives and comb foundations. 172,654; Sept. 11; Serial No. 128,133; published June 5, 1923.

Roper, Geo. D., Corporation, Rockford, Ill. Electric stoves and ranges. 167,938; May 8; Serial No. 171,655; published Feb. 6, 1923.

Roper, Geo. D., Corporation, Rockford, Ill. Compilation and card index of recipes, and printed recipes. 174,857; Oct. 23; Serial No. 176,654; published July 31, 1923.

Rorer, William H., Philadelphia, Pa. Chlor-methyl liniment for sprains, bruises, and fractures, pepsin, etc. 167,403; May 1; Serial No. 165,639; published Jan. 30, 1923.

Roscoe Haegelin Co., Santa Rosa, Calif. Cider and grape juice. 176,647; Nov. 27; Serial No. 152,277; published Oct. 18, 1921.

Rose Cerate Company. (See Buchanan, E. Everett, jr.)

Rose Company, The, Philadelphia, Pa. Writing paper and envelopes. 176,432; Nov. 27; Serial No. 183,232; published Sept. 11, 1923.

Rose, Frances, Washington, D. C. Ladies' hats and furs. 166,156; Mar. 27; Serial No. 154,324; published May 16, 1922.

Rose & Frank Company, New York, N. Y. Cloth used for making typewriter ribbon. 166,946; Apr. 17; Serial No. 172,175; published Jan. 30, 1923.

Rose Mfg. Company. (See Samuels, Zigmund.)

Rose, Ralph, doing business as Ralph Roesze, Zion City, Ill. Chemical, medical, and pharmaceutical preparation for removing hair from the human body. 172,351; Aug. 28; Serial No. 173,299; published May 1, 1923.

Rosebrand Co., Atlantic City, N. J. Nasal solution, douche therefor, and package containing both. 170,418; July 17; Serial No. 173,008; published Apr. 10, 1923.

Rosebud Chemical Co., Forsyth, Mont. Automobile polish. 163,160; Jan. 2.

Rosemary Manufacturing Company, Roanoke Rapids, N. C. Jacquard woven fabrics—namely, table damask, tablecloths, and napkins. 173,269; Sept. 18; Serial No. 175,027; published June 19, 1923.

Rosen & Listengart, Brooklyn, N. Y. Phonographs and parts thereof. 174,627; Oct. 23; Serial No. 179,558; published July 24, 1923.

Rosenbaum Brothers, Salt Lake City, Utah. Men's and boys' work shirts. 168,072; May 15; Serial No. 160,901; published Aug. 29, 1922.

Rosenbaum & Mogal, New York, N. Y. Razors, shears, scissors, pocketknives, and butcher knives. 164,842; Feb. 27.

Rosenberg, Albert E., doing business as Sterling Sales Co., St. Louis, Mo. Aluminum mat plate. 175,276; Oct. 30.

Rosenberg, B., & Sons, Inc., New Orleans, La. Boots, shoes, slippers, made of leather, rubber, canvas. 165,954; Mar. 27; Serial No. 149,933; pubilshed Jan. 2, 1923.

Rosenberg Bros., New York, N. Y. Ladies' furs. 175,373; Nov. 6; Serial No. 178,675; published Aug. 14, 1923.

Rosenberg, Frances, New York, N. Y. Ladies' bloomers, brassières, step-ins, etc. 167,992; May 8.

Rosenberg, Harry C., Waterbury, Conn. Shoes. 169,744; June 26.

Rosenberg, Henry, New York, N. Y. Fur pelts. 175,607; Nov. 6; Serial No. 173,443; published Aug. 21, 1923.

Rosenberg, Hugo, Freiburg, Germany. Colloidal solution of silver. 165,705; Mar. 20; Serial No. 168,490; published Dec. 26, 1922.

Rosenberg, Kate F., doing business as Conservative Chemical Products Company, Chicago, Ill. Belt dressings. 168,963; May 29; Serial No. 171,284; published Mar. 6, 1923.

Rosenberg, Louis F., doing business as The "Rosilk" Company, Providence, R. I. Silk thread for stringing pearls and beads. 172,896; Sept. 11; Serial No. 178,933; published May 29, 1923.

Rosenberg, Samuel, doing business as Phenix Packing Co., New York, N. Y. Caviar. 177,401; Dec. 18; Serial No. 178,361; published Aug. 7, 1923.

Rosenberger, Martin, Cincinnati, Ohio. Wall paper. 165,337; Mar. 6; Serial No. 162,449; published Nov. 28, 1922.

Rosenberger, William A., doing business as William A. Rosenberger Chemical Products Company, New York, N. Y. Compound for the desulphurization and dioxidation of molten metals preparatory to the pouring of the same into molds for casting. 170,424; July 17; Serial No. 172,059; published Apr. 10, 1923.

Rosenbloom, J. Philip, Co. Inc., New York, N. Y. Young ladies' dresses. 171,258; July 31; Serial No. 169,457; published May 1, 1923.

Rosenblum, Abe, Brooklyn, N. Y. Fresh potatoes, onions, apples, and carrots. 166,227; May 15; Serial No. 171,656; published Feb. 20, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Rosenfeld, E., & Co., assignor to Faultless Nightwear Corporation (E. Rosenfeld & Co.), Baltimore, Md. Night robes. 24,202; renewed Feb. 13, 1924.
Rosenfeld, E., & Company, Baltimore, Md. Nightshirts and pyjamas. 163,244–7; Jan. 2.
Rosenfeld, E., & Company, assignor to Faultless Nightwear Corporation (E. Rosenfeld and Co.), Baltimore, Md. Nightshirts and pyjamas. 171,663; Aug. 7.
Rosenfeld, Feldman & Lerner, Inc., New York, N. Y. Ladies' leather, fabric, and beaded hand bags. 164,512; Feb. 20.
Rosenfeld, John, Washington, D. C. Imitation pearls. 167,782; May 8; Serial No. 171,006; published Feb. 6, 1923.
Rosenhain Company, Inc., New York, N. Y. Silk hosiery. 164,831; Feb. 27.
Rosenthal, A. S., Co., Inc., New York, N. Y. All-silk fabric. 171,405; Aug. 7; Serial No. 176,502; published May 1, 1923.
Rosenthal, A. S., Company, Inc., New York, N. Y. Silk and cotton goods and goods containing a mixture of cotton and silk, all in the piece. 177,494; Dec. 18; Serial No. 182,933; published Sept. 25, 1923.
Rosenthal, Edward S., doing business as Sportsman's Digest, Cincinnati, Ohio. Monthly publication. 167,734; May 8; Serial No. 168,002; published Jan. 2, 1923.
Rosenwald-Milius Co., Inc., New York, N. Y. Parlor board game. 167,035; Apr. 24; Serial No. 170,955; published Jan. 16, 1923.
Rosenwald & Weil, Chicago, Ill. Wearing apparel for men and women. 169,388; June 12; Serial No. 168,070; published Jan. 9, 1923.
Rosenwald & Weil, Inc., Chicago, Ill. Suits. 169,704; June 26.
Rosenwald & Weil Inc., Chicago Ill. Wearing apparel for men and women. 174,816; Oct. 23; Serial No. 180,892; published Aug. 7, 1923.
"Rosilk" Company. (See Rosenberg, Louis F.)
Rosin and Turpentine Export Company, Savannah, Ga. Turpentine. 163,161; Jan. 2.
Ross Company, New York, N. Y. Preparation for treating the eyebrows and eyelashes. 173,052; Sept. 11; Serial No. 176,764; published June 12, 1923.
Ross Company, New York, N. Y. Rouge. 174,035; Oct. 2; Serial No. 176,763; published June 19, 1923.
Ross & Company, New York, N. Y. Catalogues published annually. 177,310; Dec. 18; Serial No. 169,327; published Oct. 2, 1923.
Ross, Nathan K., Silvis, Ill. Beverages sold as soft drinks and sirups for making the same. 168,421; May 22; Serial No. 172,441; published Feb. 20, 1923.
Ross, Sydney, Co., The, Newark, N. J. Purgatives or laxative tablets. 167,739; May 8; Serial No. 168,903; published Jan. 2, 1923.
Ross, Sydney, Co., The, Newark, N. J. Preparations for treatment of la grippe, influenza, coughs, colds, etc. 168,053; May 15; Serial No. 169,985; published Feb. 6, 1923.
Rossendale Belting Company, assignor to Rossendale-Reddaway Belting & Hose Company, Newark, N. J. Driving belts. 19,470; renewed May 12, 1921.
Rossi, Peter, & Sons, Inc., Braidwood, Ill. Macaroni. 171,360; Aug. 7; Serial No. 170,730; published May 8, 1923.
Rosso, Charles J., Duluth, Minn. Candy. 176,717; Nov. 27; Serial No. 183,317; published Sept. 18, 1923.
Rost, H., & Company. (See Stahel, Edward P. & Co., assignors.)
Rostold, Pauline, New York, N. Y. Infants' and children's dresses, rompers, overslips, and petticoats. 173,026; Sept. 11; Serial No. 172,558; published June 5, 1923.
Rostow, Anna D., doing business as The Anita Company, Newark, N. J. Nose adjusters. 166,363; Apr. 3; Serial No. 170,507; published Dec. 19, 1922.
Rostow, Anna D., doing business as The Anita Company, Newark, N. J. Markers for towels, etc. 175,031; Oct. 30; Serial No. 179,013; published Aug. 14, 1923.
Roszell, James D., doing business as J. D. Roszell, Peoria, Ill. Milk products, ice creams, and confections. 177,280; Dec. 11.
Rotacar Company, Newark, N. J. Manually-propelled vehicles suitable for use by either adults or children. 165,414; Mar. 6; Serial No. 134,218; published Nov. 7, 1922.
Roth, August P., M. E. Van Harlingen, and M. C. Van Harlingen; C. A. Lieberman, N. McKibben, J. C. Coburn, and J. C. Van Harlingen, Georgetown, Ohio, successors. Remedy for eye troubles. 23,174; renewed June 6, 1923.
Roth, Ethel, Los Angeles, Calif. Women's aprons. 169,430; June 12.
Roth Tobacco Company, Cape Girardeau, Mo. Twist and plug tobacco. 177,451; Dec. 18; Serial No. 182,007; published Oct. 2, 1923.
Roth Tobacco Company, Cape Girardeau, Mo. Twist and plug tobacco. 177,453; Dec. 18; Serial No. 182,006; published Oct. 2, 1923.
Rothchild, Isidor, New York, N. Y. Quilts and textile blankets. 175,549; Nov. 6; Serial No. 179,961; published Aug. 28, 1923.
Rothman, Nathan, doing business as Rough Rider Manufacturing Company, San Francisco, Calif. Khaki, corduroy, and worsted pants. 173,337; Sept. 25; Serial No. 167,019; published June 19, 1923.
Rothschild & Company, Chicago, Ill. Pearl necklaces. 172,845; Sept. 11; Serial No. 176,503; published May 29, 1923.
Rothschild, John, Pedler & Co., San Francisco, Calif. Candies, preserved figs, and glaced or sugar-coated fruits. 164,050; Feb. 13.
Rothschild, Rae, doing business as Everite Novelty Company, New York, N. Y. Writing pads. 175,323; Nov. 6; Serial No. 180,812; published Aug. 14, 1923.
Rothstein, Aaron J., doing business as Triangle Thread Mills, New York, N. Y. Mercerized and plain cotton thread. 163,162; Jan. 2.
Rothstein, Aaron J., doing business as Triangle Thread Mills, New York, N. Y. Plain cotton thread. 163,484; Jan. 16.
Rothstein, Aaron J., doing business as Triangle Thread Mills, New York, N. Y. Mercerized and plain cotton thread. 177,037; Dec. 11; Serial No. 158,444; published Oct. 10, 1922.
Roubaix Mills, Inc., Clinton, Mass., and New York, N. Y. Piece goods made of wool. 172,898; Sept. 11; Serial No. 179,167; published June 5, 1923.
Roubaix Mills, Inc., New York, N. Y. Silk, artificial-silk, cotton, linen, and woolen piece goods. 175,461; Nov. 6; Serial No. 182,359; published Aug. 28, 1923.
Rouff, Seymour, doing business as Maison Rouff, New Orleans, La. Infants' and young children's apparel. 175,935; Nov. 13; Serial No. 174,864; published Aug. 28, 1923.
Rough Rider Manufacturing Company. (See Rothman, Nathan.)
Roulston, Thos., Inc., Brooklyn, N. Y. Coffee. 173,114; Sept. 18; Serial No. 171,039; published June 5, 1923.
Rover Company, Limited, Coventry, England. Motor cars, bicycles, tricycles. 172,992; Sept. 11; Serial No. 173,009; published June 12, 1923.
Rowan, C. G. (See Goodwin, Harry L., assignor.)
Rowden, Walter O., Wills Point, Tex. Selected cotton-seed. 169,120; June 5.
Rowland, H., Co. Inc., Philadelphia, Pa. General medicinal tonic. 166,303; Mar. 27.
Rowley Co., The, Chicago, Ill. Aprons and frocks. 166,733; Apr. 10.
Royal Comb Company, Leominster, Mass. Celluloid or pyroxylin combs for personal wear. 165,312; Mar. 6; Serial No. 165,817; published Nov. 14, 1922.
Royal Electric Company. (See Riesman, Philip.)
Royal Electrical Laboratories, Newark, N. J. Radio head sets. 164,598; Feb. 20.
Royal Novelty Co., The. (See Tartikoff, Morris.)
Royal Palm Truckers Association, Homestead, Fla. Fresh tomatoes. 165,988; Mar. 27; Serial No. 165,461; published Jan. 2, 1923.
Royal Perfume Company. (See Flamhaft, Harry.)
Royal Progressive Company. (See Norflett, John C.)
Royal-Rex Motors Company. (See Nolan, William H.)
Royal Seal Food Products Co., Chicago, Ill. Dates, salted nuts, and preserved figs. 171,234; July 31; Serial No. 170,789; published May 8, 1923.
Royal Self-Heating Iron Co. (See Monitor Sad Iron Company.)
Royal Worcester Corset Company, Worcester, Mass. Corsets, corset waists, brassières, bandeaux, belts, etc. 168,146; May 15; Serial No. 169,650; published Feb. 20, 1923.
Rubay Company, The, Cleveland, Ohio. Gasoline vehicles. 171,914; Aug. 14.
Rubay Company, The, Cleveland, Ohio. Gasoline vehicles. 175,390; Nov. 6; Serial No. 171,658; published Aug. 28, 1923.
Rubber & Celluloid Products Company, doing business as Rubberset Company, Newark, N. J. Shaving brushes. 174,167; Oct. 9; Serial No. 179,962; published July 17, 1923.
Rubber Company, The. (See Feinburg, David, Company.)
Rubber Process Corporation, Detroit, Mich. Chemical preservative compound for treating rubber and manufactured rubber. 164,505; Feb. 20.
Rubber Process Corporation, Detroit, Mich. Chemical compound. 177,668. Dec. 25; Serial No. 180,944; published Oct. 9, 1923.
Rubber Service Laboratories Company, The, Akron, Ohio. Accelerators, fillers, pigments, etc., used in the compounding of rubber articles. 169,902; July 3; Serial No. 171,469; published Feb. 27, 1923.
Rubber Service Laboratories Company, The, Akron, Ohio. Compound used in the curing of rubber articles. 174,774; Oct. 23; Serial No. 171,470; published Aug. 7, 1923.
Rubber Service Laboratories Company, The, Akron, Ohio. Hardwood pitch. 175,004; Oct. 30; Serial No. 171,471; published Aug. 14, 1923.
Rubber Service Laboratories Co., The, Akron, Ohio. Compound produced by the interaction of aldehydes and amines and used in curing rubber articles. 176,175; Nov. 20; Serial No. 177,624; published Aug. 14, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Rubberhide Company, Boston, Mass. Boots and shoes. 176,854; Dec. 4; Serial No. 170,992; published Sept. 18, 1923.
Rubberized Sheeting & Specialty Co., Inc., New York, N. Y., and Chicago, Ill. Baby bloomers. 176,094; Nov. 13.
Rubberset Company. (See Rubber & Celluloid Products Company.)
Rubber-Weld Sales Company, Boston, Mass. Rubber repair outfits. 175,630; Nov. 6; Serial No. 174,215; published Aug. 21, 1923.
Ruben, Henry, doing business as To-Rain-On Products Co. (Not Inc.), Chicago, Ill. Roof cement. 175,040; Oct. 30; Serial No. 178,409; published Aug. 7, 1923.
Rubenstein, Benjamin, doing business as Fair-Sex Brassiere Co., New York, N. Y. Brassières. 167,802; May 8; Serial No. 161,146; published Feb. 6, 1923.
Ruberoid Co., The, Boundbrook, N. J., and New York, N. Y. Bituminized roofings, shingles, and strip shingles. 176,011; Nov. 13; Serial No. 182,721; published Sept. 4, 1923.
Rubin, Barney, Chicago, Ill. Phonographs, talking machines, and sound records. 165,413; Mar. 6; Serial No. 133,594; published Aug. 10, 1920.
Rubin Bros. Foot-Wear, New York, N. Y. Leather, cloth, and fabric shoes and slippers and cloth spats. 170,093; July 10; Serial No. 169,826; published Apr. 3, 1923.
Rubin Bros. Foot-Wear, New York, N. Y. Shoes, slippers, and cloth spats. 170,163; July 10; Serial No. 169,827; published Mar. 6, 1923.
Rubin Brothers, New York, N. Y. Shoes, slippers, spats. 172,108; Aug. 21; Serial No. 172,559; published May 22, 1923.
Rubin Shoe Co., New York, N. Y. Women's, misses', and children's shoes. 168,353; May 22; Serial No. 164,994; published Mar. 6, 1923.
Rubin Shoe Co., New York, N. Y. Women's, misses', and children's shoes of leather. 168,369; May 22; Serial No. 164,515; published Feb. 27, 1923.
Rubinow, Joseph H., doing business as J. H. Rubinow, New York, N. Y. Ladies', misses', and children's hat linings. 176,832; Dec. 4; Serial No. 181,699; published Sept. 11, 1923.
Rubinsky, Benjamin, doing business as Youngsters Novelty Co., New York, N. Y. Boys' suits and girls' dresses. 176,128; Nov. 20; Serial No. 174,262; published Sept. 11, 1923.
Rubinstein Brothers, New York, N. Y. Sweaters, bathing suits, shawls, scarfs, and jersey knit cloth coats. 164,234; Feb. 13.
Rubon Wood Finishing and Products Co., Kansas City, Mo. Polish for furniture, automobiles, and floor oil. 165,907; Mar. 20.
Rubsam, J., Co., Inc., New York, N. Y. Pills and tablets for regulating menstrual functions. 174,744; Oct. 23; Serial No. 169,138; published July 24, 1923.
Ruckstell Sales & Manufacturing Company, Berkeley, Calif. Transmissions and axles for self-propelled vehicles. 172,511; Aug. 28.
Rudnick, Harry, New York, N. Y. Medicated foot powder for human use. 167,747; May 8; Serial No. 169,564; published Jan. 9, 1923.
Ruffner, Meyer F., doing business as R. & R. Manufacturing Company, Okmulgee, Okla. Cooked potato resembling potato chips. 171,417; Aug. 7; Serial No. 172,442; published May 8, 1923.
Rugby Creamery, Rugby, N. Dak. Butter. 177,388; Dec. 18; Serial No. 181,779; published Oct. 2, 1923.
Rugby Milling Company, The, Rugby, N. Dak. Wheat flour. 170,842; July 24; Serial No. 162,055; published Mar. 20, 1923.
Rugclenso Mfg. Co., Topeka, Kans. Rug-cleaning compound. 173,631; Oct. 2; Serial No. 160,778; published May 29, 1923.
Rugg, E. T., & Co., Newark, Ohio. Rope. 171,447; Aug. 7; Serial No. 158,835; published May 15, 1923.
Ruggles, Harry M., doing business as Dryol Polish Mfg. Co., Philadelphia, Pa. Cleaning and polishing oil for varnished, painted, and lacquered surfaces. 171,431; Aug. 7; Serial No. 165,159; published May 8, 1923.
Ruggles & Ruggles. (See Johnson, Leonard W.)
Ruiz, Gonzalo, New York, N. Y. Puncture-filling compound for automobile and other tires. 166,481; Apr. 3; Serial No. 170,406; published Jan. 9, 1923.
Runkel Brothers, Inc., New York, N. Y. Sweet vanilla chocolate. 165,801; Mar. 20; Serial No. 161,648; published Dec. 26, 1922.
Runproof Garter Company, New York, N. Y. Garter. 165,911; Mar. 20.
Ruppert, Jacob, New York, N. Y. Barley-malt extract. 171,346; Aug. 7; Serial No. 173,213; published May 1, 1923.
Rushmore Paper Mills, Inc. Brooklyn and New York, N. Y. Toilet paper and paper towels. 169,367; June 12; Serial No. 175,272; published Mar. 27, 1923.
Rusk Oil Co., Philadelphia, Pa. Lubricating oil. 165,794; Mar. 20; Serial No. 163,542; published Dec. 26, 1922.
Rusonite Products Corporation, New York, N. Y. Radio rectifiers and cat whiskers. 172,309; Aug. 28; Serial No. 175,739; published May 29, 1923.
Russ, E. F., Company, Boston, Mass. Glue. 174,884; Oct. 23; Serial No. 181,700; published July 31, 1923.
Russ Manufacturing Company, The, Cleveland, Ohio. Washing and ironing machines. 168,405; May 22; Serial No. 171,472; published Feb. 20, 1923.
Russell, Berry J., doing business as Kold'nKlear Spring Water Co., Cleveland, Ohio. Spring drinking water. 176,788; Nov. 27.
Russell Electric Company, Chicago, Ill. Electric fans. 164,361; Feb. 20.
Russell, John W., Bryan, Ohio. Wheat flour made from cereals. 170,849; July 24; Serial No. 164,116; published Mar. 20, 1923.
Russell Manufacturing Co., The, Middletown, Conn. Brake lining and clutch facing. 163,163; Jan. 2.
Russell Manufacturing Company, The, Middletown, Conn. Elastic webbings. 163,532; Jan. 16.
Russell Manufacturing Company, The, Middletown, Conn. Elastic webbings. 167,742; May 8; Serial No. 169,258; published Jan. 9, 1923.
Russell Manufacturing Company, The, Middletown, Conn. Elastic webbings. 167,749; May 8; Serial No. 170,548; published Jan. 9, 1923.
Russell Manufacturing Co., The, Middletown, Conn. Garters. 167,953; May 8.
Russell Playing Card Co., Milltown, N. J. Playing cards. 167,072; Apr. 24; Serial No. 172,176; published Jan. 30, 1923.
Russell Playing Card Co., Milltown, N. J. Playing cards. 171,225; July 31; Serial No. 177,109; published Apr. 24, 1923.
Russell Playing Card Co., Milltown, N. J. Playing cards. 172,312; Aug. 28; Serial No. 175,948; published May 29, 1923.
Russell, R., and Sons Limited, Derby, England. Open sitting-room coal-burning stoves. 163,393; Jan. 9.
Russo, Andrea, Chicago, Ill. Olive oil and canned anchovies. 172,064; Aug. 21; Serial No. 177,411; published May 29, 1923.
Russpharmaco Products Co. (See Paul, Israel.)
Rustnot Products Company. (See Porter, Kenneth E.)
Rutland Fire Clay Co., Rutland, Vt. Asbestos furnace, iron and gas-retort cements, stove and boiler putty. 163,759; Jan. 23.
Rutland Fire Clay Co., Rutland, Vt. Crack filler, stovepipe paint enamel, asphalt roof paint, etc. 166,201; Mar. 27; Serial No. 162,456; published Nov. 28, 1922.
Ruwe, Edgar C., Company, Inc., New York, N. Y. Envelopes and paper. 172,691; Sept. 11; Serial No. 154,889; published June 5, 1923.
Ruxton, Philip, Incorporated, New York, N. Y., Chicago, Ill.; Boston, Mass.; St. Paul, Minn.; and St. Louis, Mo. Liquid water colors and artist oil colors. 176,398; Nov. 27; Serial No. 182,616; published Sept. 11, 1923.
Ruy Lopez Co., New York, N. Y. Cigars. 173,388; Sept. 25; Serial No. 172,772; published Mar. 20, 1923.
Ryan & Casey. (See Casey, Thomas F.)
Ryan, Maurice J., doing business as The Rae-Tol Company, Oakland, Calif. Tablets for the relief of headache, neuralgia, grippe, etc. 167,229; Apr. 24; Serial No. 168,071; published Jan. 23, 1923.
Ryco Extract Company. (See Fletcher, John D., assignor.)
Ryde & Company, Chicago, Ill. Chicken food. 163,619; Jan. 23.
Ryde & Company, Chicago, Ill. Stock feed. 176,619; Nov. 27; Serial No. 174,490; published July 24, 1923.
Ryde & Company, Chicago, Ill. Chicken feed. 176,620; Nov. 27; Serial No. 174,489; published July 24, 1923.
Ryder, C. M., Steubenville, Ohio. Foodstuffs produced on the farm and dairy. 167,344; May 1; Serial No. 163,004; published Dec. 19, 1922.
Ryerson, Joseph T., & Son, Chicago, Ill. Cone-driven and geared-head engine lathes, turret lathes, etc. 173,703; Oct. 2; Serial No. 177,023; published June 19, 1923.
S. & B. Summer Clothing Co., New York, N. Y. Men's and boys' suits, overcoats, vests, trousers. 171,844; Aug. 14; Serial No. 171,189; published May 15, 1923.
S & G Manufacturing Company, Stockton, Calif. Combined pump and fan attachment for automobiles. 170,825; July 24; Serial No. 170,508; published Apr. 24, 1923.
S. H. Rubber Mfg. Co. (See Hershenstein, Solomon.)
S. K. Underwear Co. Inc., New York, N. Y. Pyjamas for women. 164,867; Feb. 27.
"S. & M." Dye Works, Inc., Philadelphia, Pa. Dyed yarns. 175,530; Nov. 6; Serial No. 181,089; published Aug. 21, 1923.
S. M. & R. Co., Inc., Chicago, Ill. Ladies' and children's dresses and sacks, boudoir caps, bathing suits, etc. 168,350; May 22; Serial No. 130,246; published Apr. 11, 1922.
S. & P. Novelty Co. (See Stoner, Harry W.)
S. & S. Melloroll Company, Scranton, Pa. Crullers. 167,021; Apr. 24; Serial No. 162,133; published Dec. 12, 1922.
S & S Shirt Company, The, Philipsburg, Pa. One-piece suits for children. 168,988; May 29.
S & S Shirt Company, The, Philipsburg, Pa. Work, dress, negligee, and flannel shirts. 171,196; July 31; Serial No. 147,217; published May 1, 1923.
S. & V. Company, Clifton, N. J. Hosiery. 166,289; Mar. 27.

Alphabetical list of registrants of trade-marks—Continued.

S. & V. Company, Inc., New York, N. Y. Fabric gloves. 172,024; Aug. 21; Serial No. 170,225; published May 22, 1923.

S. Y. C. O. Co., Chicago, Ill. Remedy for piles, colds in the chest, sore muscles, and burns. 177,317; Dec. 18; Serial No. 180,241; published Sept. 25, 1923.

Saalfield Publishing Company, The, Akron, Ohio. Cookbook. 168,203; May 15; Serial No. 162,858; published Jan. 30, 1923.

Saccharinfabrik Akt.-Ges. vorm. Fahlberg, List & Co., Magdeburg, Germany. Chemical preparations for the destruction of vermin and morbific agents. 164,972; Feb. 27.

Saccharinfabrik Akt.-Ges. vorm Fahlberg, List & Co., Magdeburg, Germany. Chemical preparations for the destruction of vermin, etc. 165,572; Mar. 13; Serial No. 161,340; published Nov. 7, 1922.

Sachs Bros. and Jalkut, New York, N. Y. Infants' wear. 173,650; Oct. 2; Serial No. 176,655; published June 26, 1923.

Sachs Shoe Manufacturing Company, The, Cincinnati, Ohio. Shoes made of leather and combinations of leather and fabric. 172,276; Aug. 28; Serial No. 170,993; published May 29, 1923.

Sackett, H. B., Screen & Chute Company, Chicago, Ill. Scoops, shovels, and steel chutes. 170,018; July 10; Serial No. 172,443; published Apr. 10, 1923.

Saco Valley Canning Co., Portland, Me. Canned vegetables. 168,632; May 29; Serial No. 168,128; published Feb. 13, 1923.

Saco Valley Canning Co., The, Portland, Me. Canned vegetables. 175,682; Nov. 6.

Sadler Manufacturing Company, San Francisco, Calif. Radio loud-speaking horns. 177,606; Dec. 18.

Sadler, Robt. J., Shoe Co. Incorporated, New York, N. Y. Shoes. 174,006; Oct. 2; Serial No. 174,978; published July 17, 1923.

Saenger Drug Company, Inc., Shreveport, La. Tonic for women. 176,337; Nov. 20.

Safchik & Company, New York, N. Y. Fur garments and women's coats with fur trimmings. 168,112; May 15; Serial No. 147,895; published Mar. 7, 1922.

Safchik & Company, New York, N. Y. Fur garments and women's coats with fur trimming. 168,673; May 29; Serial No. 147,894; published Mar. 7, 1922.

Safe-Guard Check-Writer Company, Lansdale, Pa. Machines for protecting bank checks and other negotiable papers. 163,666; Jan. 23.

Safelock Co., Inc., The, Cleveland, Ohio. Locks for automobile steering wheels. 174,292; Oct. 9.

Safepack Mills, Boston, Mass. Material for wrapping, packing and lining merchandise, etc. 170,598; July 17; Serial No. 115,189; published Sept. 16, 1919.

Safe-T Fuse Handle Co. (See Gluck, Edward Y.)

Safe-T-Stat Co., The, Philadelphia, Pa. Thermoelectric temperature indicators. 174,163; Oct. 9; Serial No. 180,143; published July 10, 1923.

Safety Car Heating & Lighting Company, The, Orange, N. J., and New Haven, Conn. Electric-lighting systems for use on railroad passenger cars, electric fans, water coolers, and storage batteries. 174,453; Oct. 16; Serial No. 160,978; published June 26, 1923.

Safety Holder Co., The. (See Laird, Edwin C.)

Safety Oiling System, Philadelphia, Pa. Oiling systems for motors. 164,931; Feb. 27.

Safety Sled Company, Inc., Mount Jewett, Pa. Sleds. 171,150; July 31; Serial No. 175,949; published Apr. 24, 1923.

Safetygas & Appliance Company. (See Adamson, Charles E.)

Sagamore Commission Co. (See Orent's Department Store, Inc.)

Sager, S. J., Company, Inc., The, Syracuse, N. Y. Knitted garments. 176,642; Nov. 27; Serial No. 156,934; published Sept. 18, 1923.

Saginaw Ladder Co., Limited, Saginaw, Mich. Ladders. 175,511; Nov. 6; Serial No. 177,696; published Aug. 28, 1923.

Saginaw Potato Chip Company, Saginaw, Mich. Potato chips. 165,866; Mar. 20; Serial No. 165,163; published Jan. 2, 1923.

Sahlin, Max, Denver, Colo. Mechanical devices for straightening crooked toes. 171,523; Aug. 7; Serial No. 176,134; published May 8, 1923.

Sahrbeck, Peter W., New York, N. Y. Eggs. 176,456; Nov. 27; Serial No. 176,694; published Sept. 4, 1923.

Saigo Varnish Works. (See Gordon, Mac.)

Sailor Maid Middy Co. Inc., Brooklyn, N. Y. Middy blouses, overblouses, smocks, tuxedos, waists, and dresses. 168,327; May 22; Serial No. 165,727; published Nov. 14, 1922.

St. Anonyme du Fibrociment et des Revetements Elo, Poissy, France. Building materials. 171,444; Aug. 7; Serial No. 159,539; published May 1, 1923.

St. Firo Remedy Co., Newark, N. J. Healing creams for eczema. 174,346; Oct. 16; Serial No. 143,464; published July 17, 1923.

St. Louis Brass Manufacturing Company, St. Louis, Mo. Electrical lighting fixtures. 172,317; Aug. 28; Serial No. 176,226; published May 29, 1923.

St. Louis Material & Supply Company, St. Louis, Mo. Stucco. 167,407; May 1; Serial No. 168,224; published Dec. 26, 1922.

St. Louis Surfacer & Paint Company, St. Louis, Mo. Dry, paste, and ready-mixed paints and varnishes. 170,514; July 17; Serial No. 172,777; published Apr. 17, 1923.

St. Marys Wheel & Spoke Company. (See Crane & MacMahon.)

St. Maurice Paper Company, Limited, Montreal, Quebec, Canada. Newsprint paper. 166,097; Mar. 27; Serial No. 164,723, published Dec. 5, 1922.

St. Regis Paper Co., Watertown, N. Y. Fiber shipping cases. 170,640; July 17; Serial No. 175,445; published Apr. 17, 1923.

Saklad, William, Boston, Mass. Foot-massaging devices. 176,552; Nov. 27; Serial No. 183,124; published Sept. 18, 1923.

Sakle, Geo. A., doing business as Harem Perfume Co., New York, N. Y. Perfumes. 172,240; Aug. 28; Serial No. 175,373; published May 15, 1923.

Saks & Company, New York, N. Y. Women's suits and coats. 164,932; Feb. 27.

Saks & Company, New York, N. Y. Women's bathing suits. 167,863; May 8; Serial No. 152,106; published Mar. 28, 1922.

Saks & Company, New York, N. Y. Women's aprons. 169,105; June 5.

Saks & Company, New York, N. Y. Underwear, footwear, neckwear, shirts. 177,095; Dec. 11; Serial No. 172,444; published Sept. 11, 1923.

Salant & Salant, Inc., New York, N. Y. Men's and boys' shirts, drawers, etc. 175,219–20; Oct. 30.

Salem, Joseph D., doing business as Salem Laboratory, Chicago, Ill. Tablets for constipation, liver, kidneys, stomach, and bowels. 175,488–9; Nov. 6; Serial Nos. 178,000–1; published Aug. 21, 1923.

Salem Manufacturing Company, Salem, N. J., and New York, N. Y., assignor to Congoleum Company, Inc., Philadelphia, Pa. Floor coverings. 169,824; July 3; Serial No. 174,153; published Apr. 3, 1923.

Salembier & Clay, Inc., New York, N. Y. Silk goods in the piece. 170,185; July 10; Serial No. 176,045; published Apr. 10, 1923.

Sales Equipment Company. (See McMillan, A. G.)

Sally Mint Company, New York, N. Y. Candy and peppermint lozenges. 170,658; July 17; Serial No. 169,185; published Apr. 24, 1923.

Salmon Falls Manufacturing Company, Boston, Mass. Tire fabrics in the piece. 174,097; Oct. 2; Serial No. 179,323; published July 17, 1923.

Salomon & Bro., L. A., New York, N. Y. Fuller's earth. 22,891; renewed Apr. 25, 1923.

Salomon, David I., doing business as David I. Salomon Silk Co., New York, N. Y. Silk piece goods. 172,930; Sept. 11; Serial No. 172,397; published June 26, 1923.

Salomon & Wiener, Inc., New York, N. Y. Fur. 172,551; Sept. 4; Serial No. 173,214; published June 5, 1923.

Salon Viennese, New York, N. Y. Facial oil and ointment. 174,070; Oct. 2; Serial No. 178,570; published July 10, 1923.

Saltersod Company. (See Mills, James G.)

Salt's Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Fabrics in the piece made wholly or in part of wool, worsted, mohair, etc. 163,937; Feb. 6.

Salt's Textile Manufacturing Company, The, Bridgeport, Conn. Wool, worsted, mohair, etc., fabrics in the piece. 164,064; Feb. 13.

Salt's Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Fabrics in the piece made wholly or in part of silk, cotton, and wool, blankets, automobile robes, steamer rugs, etc. 164,596; Feb. 20.

Salt's Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Coats, cloaks, wraps, capes, suits, costumes, dresses, etc. 164,758; Feb. 27.

Salt's Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Fabrics in the piece, blankets, automobile and carriage robes, steamer rugs, etc. 165,444; Mar. 13; Serial No. 165,308; published Jan. 2, 1923.

Salt's Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Coats, cloaks, wraps, capes, suits, costumes, dresses, etc. 169,293; June 12; Serial No. 165,313; published Mar. 20, 1923.

Salt's Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Women's, children's, and infants' coats, cloaks, wraps, suits, etc. 172,158–60; Aug. 21.

Salt's Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Women's, children's, and infants' coats, cloaks, suits, etc. 172,212; Aug. 28; Serial No. 173,676; published May 29, 1923.

Salt's Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Underwear of textile fabric. 172,842; Sept. 11; Serial No. 168,376; published June 5, 1923.

Salt's Textile Manufacturing Company, Bridgeport, Conn. Underwear of textile fabric. 172,856; Sept. 11; Serial No. 168,379; published June 5, 1923.

Salt's Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Underwear of textile fabric. 172,857; Sept. 11; Serial No. 168,380; published June 5, 1923.

Salt's Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Fabrics in the piece made wholly or in part of wool, worsted, mohair, etc. 173,159; Sept. 18; Serial No. 159,120; published June 12, 1923.

Salt's Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Pile fabrics in the piece. 173,357; Sept. 25; Serial No. 159,118; published June 26, 1923.

Salt's Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Women's, children's, and infants' coats, cloaks, wraps, suits, etc. 175,971; Nov. 13; Serial No. 160,371; published Sept. 4, 1923.

Salt's Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Coats, wraps, capes, dresses, etc. 176,085; Nov. 13.

Salt's Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Pile fabrics in the piece. 177,634; Dec. 25; Serial No. 173,677; published Apr. 10, 1923.

Salt's Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Pile fabrics in the piece. 177,687–8; Dec. 25; Serial Nos. 184,565–6; published Oct. 2, 1923.

Salt's Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Pile fabrics in the piece. 177,689; Dec. 25; Serial No. 184,523; published Oct. 2, 1923.

Salt's Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Pile fabrics in the piece. 177,765; Dec. 25; Serial No. 184,520; published Oct. 2, 1923.

Salvaderm Co., New York, N. Y. Skin lotion. 176,280; Nov. 20; Serial No. 178,934; published Aug. 14, 1923.

Salwen, D., & Co., Inc., New York, N. Y. Hosiery. 169,715; June 26.

Salwen, D., & Co. Inc., New York, N. Y. Boys' stockings. 173,032; Sept. 11; Serial No. 174,338; published June 5, 1923.

Salz Bros. Inc., New York, N. Y. Fountain pens. 168,858; May 29; Serial No. 173,249; published Mar. 6, 1923.

Salz Bros. Inc., New York, N. Y. Fountain pans. 169,534; June 12; Serial No. 173,611; published Mar. 27, 1923.

Sametz, Louis, Inc., Brooklyn, N. Y. Teething rings, combined baby rattles and teething rings. 168,810; May 29; Serial No. 169,986; published Feb. 13, 1923.

Samoset Chocolates Company, Boston, Mass. Candy. 164,918; Feb. 27.

Sampedro, Anibal, Mexico, Mexico. Perfumes and hair tonics. 172,581; Sept. 11; Serial No. 171,138; published May 22, 1923.

Sampliner, P. H., Company, The, Cleveland, Ohio. Ladies' and misses' outer clothing, coats, suits, and dresses. 176,250; Nov. 20; Serial No. 180,724; published Sept. 11, 1923.

Sampson, Paul O., doing business as Life O Wheat Milling & Baking Co., Portland, Oreg. Bread. 176,572; Nov. 27; Serial No. 178,289; published Aug. 21, 1923.

Samson Candy Company, Mechanicsburg, Pa. Candies. 173,493; Sept. 25; Serial No. 175,538; published June 19, 1923.

Samson Cordage Works, Boston, Mass. Braided sash cord. 23,509; renewed Aug. 15, 1923.

Samson Cordage Works, Boston, Mass. Braided cotton window or sash cord. 24,411; renewed Mar. 27, 1924.

Samstag & Hilder Bros., New York, N. Y. Lingerie tape, pins, etc. 170,494; July 17; Serial No. 172,060; published Apr. 24, 1923.

Samuels Shoe Company, St. Louis, Mo. Fabric shoes, and especially canvas and felt shoes. 165,359; Mar. 6; Serial No. 167,272; published Dec. 5, 1922.

Samuels, Zigmund, doing business as Rose Mfg. Company, Boston, Mass. Underwear, nightdresses, bloomers, aprons, children's play dresses, etc. 163,394; Jan. 9.

San Antonio Bible Institute, Inc., San Antonio, Tex. Monthly periodical. 169,439; June 19; Serial No. 173,215; published Mar. 20, 1923.

San Antonio Drug Co., San Antonio, Tex. Sirup for the relief of coughs, colds, and bronchitis. 174,361; Oct. 16; Serial No. 176,656; published July 10, 1923.

San Bernardino Valley Potato Growers Ass'n. (See Watson, James R.)

San Dimas Lemon Association, San Dimas, Calif. Fresh citrous fruits. 177,769; Dec. 25; Serial No. 184,296; published Oct. 9, 1923.

San Dimas Lemon Association, San Dimas, Calif. Fresh citrous fruits. 177,770; Dec. 25; Serial No. 184,297; published Oct. 9, 1923.

San Dimas Lemon Association, San Dimas, Calif. Fresh citrous fruits. 177,771; Dec. 25; Serial No. 184,299; published Oct. 9, 1923.

San Francisco Breweries, Ltd., The, San Francisco, Calif., assignors to Wielands Incorporated. Beer, malt tonic and malt beverages and malt sirup. 168,331; May 22; Serial No. 167,367; published Feb. 27, 1923.

San Francisco Breweries, Ltd., The, San Francisco, Calif. Canned preserved fruits, jams, jellies, and fruit sirups. 170,576; July 17; Serial No. 167,368; published Apr. 24, 1923.

San Francisco Sulphur Co., San Francisco, Calif. Sulphur. 164,495; Feb. 20.

San Francisco Sulphur Company, San Francisco, Calif. Sulphur. 165,497; Mar. 13; Serial No. 166,108; published Nov. 7, 1922.

San Francisco Sulphur Co., San Francisco, Calif. Agricultural sulphur. 168,348; May 22; Serial No. 134,438; published Feb. 20, 1923.

San Francisco Sulphur Co., San Francisco, Calif. Sulphur. 175,654; Nov. 6; Serial No. 181,352; published Aug. 28, 1923.

San Francisco Sulphur Co., San Francisco, Calif. Sulphur. 177,244; Dec. 11; Serial No. 181,351; published Sept. 11, 1923.

San Francisco Sulphur Co., San Francisco, Calif. Sulphur. 177,822–3; Dec. 25.

San Joaquin County Cherry Growers Assn., Stockton, Calif. Fresh cherries. 173,148; Sept. 18; Serial No. 177,875; published June 12, 1923.

San Jose Canning Co., San Jose, Calif. Canned vegetables. 175,801; Nov. 13; Serial No. 179,484; published Sept. 4, 1923.

San Xavier Fish Packing Company, Monterey, Calif. Sardines, anchovies, canned goods, etc. 170,971; July 24.

Sana-Cutis (Chemical) Co. (See Flores, Rodolfo.)

Sanas Company, The. (See Schaupner, Philip.)

Sanborn, Cora A., Brooklyn, N. Y. Fruit confection. 168,550; May 29; Serial No. 160,020; published Aug. 8, 1922.

Sanborn Weatherwear Coat Co., Inc., New York, N. Y. Coats, capes, mantles, and raincoats. 169,937; July 3.

Sand Company Inc., New York, N. Y. Mousetraps. 169,312; June 12; Serial No. 169,227; published Mar. 13, 1923.

Sand Springs Bottling Co., Tulsa, Okla. Beverages sold as soft drinks and sirups for making the same. 170,376; July 17; Serial No. 174,339; published Apr. 10, 1923.

Sandefur, Charles O., doing business as Sandefur's Cereal Mill, assignor to Anglo-American Mill Company, Owensboro, Ky. Cracked cereal food. 177,004–5; Dec. 11; Serial Nos. 180,298–9; published Sept. 25, 1923.

Sandefur, Charles O., doing business as Sandefur's Cereal Mill, assignor to Anglo-American Mill Company, Owensboro, Ky. Pancake flour. 177,059; Dec. 1; Serial No. 180,302; published Sept. 25, 1923.

Sanders, Edw. G., doing business as Cabinet Milling Co., Nashville, Tenn. Wheat flour. 167,063; Apr. 24; Serial No. 160,034; published Dec. 19, 1922.

Sanderson, Arthur N., West Springfield, Mass. Automobile, piano, and furniture polish. 174,239; Oct. 9; Serial No. 180,082; published July 3, 1923.

Sanderson, Arthur N., West Springfield, Mass. Gold and silver polish. 174,693; Oct. 23; Serial No. 180,083; published July 24, 1923.

Sanderson Brothers & Newbould, Limited, Sheffield, England. Files and rasps, handsaws, hack-saw blades, etc. 166,854; Apr. 17; Serial No. 164,276; published Jan. 16, 1923.

Sanderson, Chester T., Co., Inc., The, New York, N. Y. Wood panel board. 167,590; May 1; Serial No. 169,828; published Jan. 9, 1923.

Sanderson's Tintine Co., Lincoln, Nebr. Shoe-shining preparation having dyeing properties. 173,763; Oct. 2; Serial No. 177,245; published June 26, 1923.

Sands Cocoa Corporation, Brooklyn, N. Y. Cocoa. 164,733; Feb. 27.

Sands, Taylor & Wood Co., Boston, Mass. Wheat flour. 170,857; July 24; Serial No. 168,556; published Mar. 20, 1923.

Sands, Taylor & Wood Co., Boston, Mass. Wheat flour. 170,858; July 24; Serial No. 168,555; published Mar. 20, 1923.

Sandvikens Jernverks Aktiebolag, Sandviken, Sweden. Hardened and tempered steel bands. 172,838; Sept. 11; Serial No. 178,873; published June 5, 1923.

Sandvikens Jernverks Aktiebolag, Sandviken, Sweden. Saws, hammers, sledges, etc. 174,071; Oct. 2; Serial No. 178,571; published July 3, 1923.

Sandvikens Jernverks Aktiebolag, Sandviken, Sweden. Saws, hammers, sledges, etc. 174,077; Oct. 2; Serial No. 178,872; published July 3, 1923.

Sandvikens Jernverks Aktiebolag, Sandviken, Sweden. Springs and coil springs, hot-rolled and cold-drawn seamless steel tubing. 174,512; Oct. 16; Serial No. 178,572; published July 24, 1923.

Sandvikens Jernverks Aktiebolag, Sandviken, Sweden. Springs and steel tubing. 176,599; Nov. 27; Serial No. 178,871; published Sept. 18, 1923.

Sandvikstahl G. m. b. H., Ohligs, Germany. Razor blades. 172,820; Sept. 11; Serial No. 171,243; published June 5, 1923.

Sanford, Chamberlain & Albers Company, Knoxville, Tenn. Salicylic acid, sulphate quinine, domestic ammonia, sirup of squills, etc. 173,827; Oct. 2; Serial No. 175,408; published June 26, 1923.

Sanford Riley Stoker Company, Worcester, Mass. Underfeed stokers. 174,649; Oct. 23; Serial No. 181,314; published July 24, 1923.

Sang Yuen & Co., San Francisco, Calif. Product made of beans. 176,130; Nov. 20; Serial No. 174,162; published Sept. 4, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Sanger Brothers, Inc., Dallas, Tex., and New York, N. Y. Men's, youths', and boys' suits and overcoats. 166,863; Apr. 17; Serial No. 163,293; published Oct. 24, 1922.
Sanger Citrus Ass'n, Sanger, Calif. Oranges. 168,602; May 29; Serial No. 168,492; published Mar. 6, 1923.
Sanimo Company, The, St. Louis, Mo. Rubber crib sheets, rubber baby pants, rubber sanitary aprons, etc. 166,788; Apr. 17; Serial No. 159,629; published Jan. 30, 1923.
San-I-Sal Laboratories, Inc., Washington, D. C. Preparation for the prevention of excessive perspiration. 174,044; Oct. 2; Serial No. 177,519; published July 10, 1923.
Sani Scalp Co., The. (See Meller, Alice R.)
"Saniseal" Manufacturing Company. (See Van Toff, Ernest.)
Sani-Stone, Long Beach, Calif. Cementitious composition for making drain boards, bathtubs, table tops, floors, etc. 165,276; Mar. 6; Serial No. 154,388; published Nov. 28, 1922.
San-It Rubber Company. (See Usdin, Hyman.)
Sanitary Comb Co., Inc., New York, N. Y. Combs. 165,235; Mar. 6.
Sanitary Grocery Co. Inc., Washington, D. C. Coffee. 174,384; Oct. 16; Serial No. 168,942; published Feb. 27, 1923.
Sanitary Hair Company. (See Trotsky, Isadore.)
Sanitary Toilet Company, New York, N. Y. Toilet-closet-seat covers. 165,828; Mar. 20; Serial No. 171,594; published Jan. 2, 1923.
Sanitas Company, Inc., The, Jersey City, N. J., and Brooklyn, N. Y. Shampoo preparation. 165,608; Mar. 13; Serial No. 167,106; published Dec. 12, 1922.
Sanitas Company, Inc., The, Jersey City, N. J., and Brooklyn, N. Y. Shampoo preparation. 165,622; Mar. 13; Serial No. 167,427; published Dec. 12, 1922.
Sanitogeno Company, The, New York, N. Y. Medicinal tonic to relieve consumptives and abate consumption. 164,487; Feb. 20.
San-O-Dent Company, The, Spokane, Wash. Cleanser for false teeth. 174,936; Oct. 30; Serial No. 174,865; published July 24, 1923.
Sanozone Chemical Co., Philadelphia, Pa. Deodorants, disinfectants, insecticides, roach powder, pipe cleaner, and scale solvent. 167,490; May 1; Serial No. 140,807; published Jan. 23, 1923.
Santa Clara Company. (See Steohr, Richmond G.)
Santa Paula Citrus Fruit Association, Santa Paula, Calif. Fresh lemons. 163,533; Jan. 16.
Santa Paula Citrus Fruit Association, Santa Paula, Calif. Fresh lemons. 166,513; Apr. 3; Serial No. 163,701; published Jan. 9, 1923.
Santa Paula Citrus Fruit Association, Santa Paula, Calif. Fresh lemons. 166,514; Apr. 3; Serial No. 163,704; published Jan. 9, 1923.
Santa Paula Citrus Fruit Association, Santa Paula, Calif. Fresh lemons. 171,436; Aug. 7; Serial No. 163,703; published May 8, 1923.
Santa Paula Citrus Fruit Association, Santa Paula, Calif. Fresh lemons. 176,115; Nov. 20; Serial No. 163,702; published Sept. 4, 1923.
Santander Coffee Co., New York, N. Y. Coffee. 166,872; Apr. 17; Serial No. 162,317; published Feb. 6, 1923.
Santiago Orange Growers Association, Orange, Calif. Oranges. 164,661; Feb. 27.
Sar-A-Lee Company, The, Cleveland, Ohio. Food product used as a sandwich filler. 174,532; Oct. 16.
Sarnoff-Irving Hat Stores, Inc., New York, N. Y. Men's caps, straw and felt hats, derbies. 165,688; Mar. 20; Serial No. 170,220; published Dec. 19, 1922.
Sarnoff-Irving Hat Stores, Inc., New York, N. Y. Men's caps, straw and felt hats, and derbies. 168,823; May 29; Serial No. 170,221; published Jan. 30, 1923.
Sarson, Teddy, doing business as Famous Shoe Repair Company, Pontiac, Mich. Slipper soles and heels and boots and shoes. 167,679; May 8; Serial No. 147,684; published Feb. 6, 1923.
Sassetti, Joseph, doing business as Aqua-Sulphur Company, Chicago, Ill. Sulphur solution used in treatment of skin diseases. 175,280; Oct. 30.
Satake, Shuzo, doing business as Non-Crush Fruit Guard Company, Sacramento, Calif. Cardboard to be placed in fruit boxes to prevent crushing of the fruit. 170,659; July 17; Serial No. 169,328; published Apr. 17, 1923.
Satsuma Orange & Pecan Groves Company, Inc., Mobile and Satsuma, Ala. Fresh fruit—viz, satsuma. 171,591; Aug. 7; Serial No. 176,047; published May 22, 1923.
Saturn Mfg. & Sales Co. Inc., New York, N. Y. Electric and radio telephone jacks, plugs, and connections. 174,666; Oct. 23; Serial No. 171,473; published July 10, 1923.
Sauer, N., Milling Company, Cherryvale, Kans. Wheat flour. 165,280; Mar. 6; Serial No. 153,789; published Nov. 7, 1922.
Sauer, N., Milling Company, Cherryvale, Kans. Self-rising flour. 165,281; Mar. 6; Serial No. 153,788; published Nov. 7, 1922.
Sauer, N., Milling Company, Cherryvale, Kans. Wheat flour. 177,508; Dec. 18; Serial No. 153,787; published Oct. 2, 1923.
Sauers Milling Company, The, Evansville, Ill. Wheat flour. 166,995; Apr. 17.
Sauers Milling Company, The, Evansville, Ill. Self-rising wheat flour. 167,009; Apr. 17.
Sauers Milling Company, The, Evansville, Ill. Self-rising flour. 170,891; July 24; Serial No. 160,210; published Mar. 20, 1923.
Sauquoit Toilet Paper Co., Inc., New Hartford, N. Y. Toilet paper and paper towels. 173,662; Oct. 2; Serial No. 176,048; published June 26, 1923.
Sautter's, Philadelphia, Pa. Candy, frozen puddings, meringues, cake, etc. 163,248; Jan. 2.
Sauza, Eladio, New York, N. Y. Wines. 168,906; May 29; Serial No. 163,417; published Mar. 13, 1923.
Savage Arms Corporation, New York, N. Y. Electric clothes-washing machines. 168,145; May 15; Serial No. 169,694; published Feb. 20, 1923.
Savage Grip Sales Company. (See Hennenhofer, William G.)
Savannah Truckers Exchange, Savannah, Ga. Fresh vegetables. 175,121; Oct. 30; Serial No. 176,219; published Aug. 14, 1923.
Save Electric Corporation, Brooklyn, N. Y. Incandescent-electric-light bulbs. 165,287; Mar. 6; Serial No. 152,594; published Nov. 7, 1922.
Savol Co., The. (See Freeman, Ralph D.)
Savoy Importing Co., Inc., New York, N. Y. Tunny fish, macaroni, tomatoes, mixed pickles, etc. 168,099; May 15; Serial No. 163,712; published Feb. 27, 1923.
Savoy Importing Co. Inc., New York, N. Y. Tunny fish, tomatoes, tomato sauce and paste, string beans, etc. 170,569; July 17; Serial No. 163,711; published Apr. 24, 1923.
Sawdey and Hunt, Los Angeles, Calif. Fresh cantaloupes. 167,698; May 8; Serial No. 166,726; published Feb. 20, 1923.
Sawdey & Hunt, Los Angeles, Calif. Fresh lettuce and cantaloupes. 174,685; Oct. 23; Serial No. 179,884; published July 31, 1923.
Sawdey & Hunt, Los Angeles, Calif. Fresh lettuce. 175,928; Nov. 13; Serial No. 179,885; published Aug. 28, 1923.
Sawkins, Huntington D., Baltimore, Md. Salted peanuts and salted almonds. 170,746; July 24; Serial No. 173,580; published Apr. 24, 1923.
Sawyer & Day, Inc., Boston, Mass. Tomatoes in their natural state. 164,957; Feb. 27.
Sawyier, Thomas C., Indianapolis, Ind. Pencils and pens. 165,629; Mar. 13.
Saxon Perfume Company, The, Cincinnati, Ohio. Toilet waters, shampoos, hair tonics, etc. 172,587; Sept. 11; Serial No. 170,039; published June 5, 1923.
Saxony Knitting Co., Seattle, Wash. Knitted articles of clothing. 165,239; Mar. 6.
Saxophone Shop, The, Chicago, Ill. Saxophones. 168,133; May 15; Serial No. 170,790; published Feb. 20, 1923.
Saxrac Company, Los Angeles, Calif. Racks for supporting musical instruments when not in use. 175,764; Nov. 13; Serial No. 169,530; published Aug. 21, 1923.
Saxun, John A., Whiting, Ind. Pumpkin preserve. 166,010; Mar. 27; Serial No. 162,650; published Dec. 19, 1922.
Sayre, L. A., Co., Newark, N. J. Hatchets. 168,142; May 15; Serial No. 170,158; published Feb. 13, 1923.
Sayre-Level Radio Company, The, Philadelphia, Pa. Radio apparatus. 172,310; Aug. 28; Serial No. 175,741; published May 29, 1923.
Sayre-Level Radio Company, The, Philadelphia, Pa. Radio apparatus and parts thereof. 172,790; Sept. 11; Serial No. 175,740; published June 5, 1923.
Scaife, Wm. B., & Sons Company, Oakmont, Pa. Water softening and purifying apparatus. 164,570; Feb. 20.
Scala, Maria B., Milan, Italy. Anticholera and tonic remedy. 23,850; renewed Nov. 21, 1923.
Scala, Maria B.; D. D. and B. Branca and C. D. Boldu-Branca, successors, Milan, Italy. Anticholera and tonic remedy. 23,877; renewed Nov. 28, 1923.
Scala, Maria B., Milan, Italy. Anticholera and tonic remedy. 23,898–9; renewed Dec. 5, 1923.
Scarab Oil Burning Company, Limited, London, England. Burners for liquid fuel. 167,530; May 1; Serial No. 166,019; published Jan. 2, 1923.
Scat Chemical Company. (See Wilson, Wade H.)
Schadewald, Henry M., Philadelphia, Pa. Haircloth. 163,447; Jan. 9.
Schaefer, Herbert C., Denver, Colo. Face and sachet powders, skin creams, etc. 176,988; Dec. 11; Serial No. 179,485; published Sept. 11, 1923.
Schaefer, John L., New York, N. Y. Paper toilet-seat covers. 173,463; Sept. 25; Serial No. 179,683; published June 19, 1923.
Schaefer, Maria A., New York, N. Y. Hair tonic. 167,939; May 8; Serial No. 171,870; published Feb. 20, 1923.
Schaefer, Max O., doing business as Velveeta Cheese Company, assignor to Velveeta Cheese Company, Inc., Monroe, N. Y. Cheese. 176,615; Nov. 27; Serial No. 174,866; published July 24, 1923.
Schaeffer & Budenberg Mfg. Co., Brooklyn, N. Y. Thermometers. 175,108; Oct. 30; Serial No. 177,110; published Aug. 7, 1923.
Schaeffer, Louis, New York, N. Y. Men's and boys' outer clothing. 164,779; Feb. 27.
Schafer Bakery Inc., Savannah, Ga. Bakery products—namely, rolls. 163,249; Jan. 2.

Schaffner Brothers Company, Erie, Pa. Bacon, ham, breakfast-bacon squares. 173,389; Sept. 25; Serial No. 169,929; published July 3, 1923.
Schaffner Brothers Company, Erie, Pa. Sausage, boiled ham, etc. 173,614; Oct. 2; Serial No. 169,931; published July 3, 1923.
Schaffner Brothers Company, Erie, Pa. Lard. 176,680; Nov. 27; Serial No. 169,930; published Sept. 18, 1923.
Schafuss Corporation, The, New York, N. Y. Bloomer play suit with sunbonnet to match. 164,766; Feb. 27.
Schanzer, Siegfried, New York, N. Y. Knitted and woven caps. 176,202; Nov. 20; Serial No. 180,031; published Aug. 14, 1923.
Schauman, Karl O., San Francisco, Calif. Automatic brake-actuating equipment for vehicles. 165,070; Mar. 6; Serial No. 164,275; published Oct. 31, 1922.
Schaupner, Philip, doing business as The Sanas Company, Inc., Detroit, Mich. Laxative powders. 172,882; Sept. 11; Serial No. 175,889; published May 15, 1923.
Scheel, William H., New York, N. Y. Lacquer compositions. 170,790; July 24; Serial No. 175,326; published Apr. 24, 1923.
Scheel, William H., New York, N. Y. Lacquer compositions. 176,403; Nov. 27; Serial No. 181,961; published Sept. 4, 1923.
Scheele, Conrad L., New York, N. Y. Liniment for rheumatism, lumbago, gout, and colds. 167,640; May 1; Serial No. 167,946; published Jan. 2, 1923.
Scheinzeit-Goldman Co., New York, N. Y. Underwear of knit and woven fabric for men. 166,724; Apr. 10; Serial No. 160,567; published Dec. 12, 1922.
Scheinzeit-Goldman Co., New York, N. Y. Hosiery and underwear made of knit and woven fabrics. 166,725; Apr. 10; Serial No. 160,565; published Dec. 12, 1922.
Scheller Catering Company, St. Louis, Mo. Bread. 167,183; Apr. 24; Serial No. 162,856; published Dec. 12, 1922.
Schelter Last Company, Inc., Rochester, N. Y. Lasts. 169,202; June 12; Serial No. 168,984; published Mar. 13, 1923.
Schenectady Knit Goods House. (See Mannesovitch, Israel, jr.)
Schenk, Sylvester J., Avon Lake, Ohio. Fresh eggs. 174,137; Oct. 2.
Scherer, H., & Company, Detroit, Mich. Curtain-window lights and vehicle top fabrics. 175,513; Nov. 6; Serial No. 178,065; published Aug. 28, 1923.
Schering & Glazt, Inc., New York, N. Y. Medicinal preparations. 169,629; June 26; Serial No. 174,033; published Feb. 27, 1923.
Scherk, Ludwig, Berlin, Germany. Perfumery, face cream and lotion, rouge, etc. 173,087; Sept. 11.
Scherk, Ludwig, Berlin, Germany. Perfumery, cream, lotion, rouge, etc. 176,975; Dec. 11; Serial No. 179,966; published Sept. 11, 1923.
Schermerhorn, Louis C., Hawthorne, N. J. Bead strings. 163,164; Jan. 2.
Scheuer, Sidney F., doing business as Druggist Emergency Service Co., New York, N. Y. Nonpoisonous antiseptic powder for stopping bleeding by external application. 165,576; Mar. 13; Serial No. 162,322; published Dec. 5, 1922.
Schick, Harry C., Inc., Newark, N. J. Necklace clasps and fasteners. 167,785; May 8; Serial No. 166,960; published Feb. 6, 1923.
Schield, Wm., Mfg. Co., St. Louis, Mo. Lye. 168,245; May 15; Serial No. 167,270; published Feb. 13, 1923.
Schier, Philip, trading as Union Pharmacal Company, Kansas City, Mo. General tonics. 168,349; May 22; Serial No. 133,850; published Feb. 20, 1923.
Schieren, Chas. A., Company, New York, N. Y. Leather belting and leather packing. 168,793; May 29; Serial No. 139,723; published Feb. 13, 1923.
Schiffman, Isadore, New York, N. Y. Articles of jewelry of precious metal. 172,950; Sept. 11; Serial No. 174,369; published May 29, 1923.
Schilling Corset Co., assignor to American Lady Corset Company, Detroit, Mich. Corsets. 23,242; renewed June 27, 1923
Schilplin, William, doing business as R. & H. E. Co., Seattle, Wash. Roach-destroying composition. 174,051; Oct. 2; Serial No. 177,697; published July 10, 1923.
Schimmel & Co., Miltitz, near Leipzig, Germany. Perfumes, dyestuffs, essential oils for use in the arts, etc. 164,917; Feb. 27.
Schindel & McDaniels, New York, N. Y. Bed sheets, spreads, and pillowcases. 172,841; Sept. 11; Serial No. 177,521; published June 5, 1923.
Schlagheck, Joseph, Toledo, Ohio. Canary birds. 171,930; Aug. 14.
Schlater's, Incorporated, Philadelphia, Pa. Bread, cakes, and pies. 172,686; Sept. 11; Serial No. 158,902; published May 15, 1923.
Schlosinger, Noah, Co. (See Schlosinger, Noah.)
Schlosinger, Noah, doing business as Noah Schlosinger Co., Streeter, N. Dak. Liniment for the relief of rheumatism. 167,629; May 1; Serial No. 166,855; published Jan. 2, 1923.
Schlosinger, Noah, doing business as Noah Schlosinger Co., Streeter, N. Dak. Remedy for corns and bunions. 167,630; May 1; Serial No. 166,854; published Jan. 2, 1923.
Schlosser Brothers, Frankfort, Ind. Eggs. 165,101; Mar. 6; Serial No. 160,832; published Nov. 14, 1922.
Schluderberg, Wm., & Sons, Highlandtown and Baltimore, Md. Pork and beef products. 163,395; Jan. 9.
Schlueter Manufacturing Co., St. Louis, Mo. Water and dairy pails, cream, oil, ash, and other cans, and bread boxes. 172,106; Aug. 21; Serial No. 172,903; published May 29, 1923.
Schlueter Manufacturing Company, St. Louis, Mo. Washboilers and galvanized washtubs. 174,711; Oct. 23; Serial No. 172,904; published June 12, 1923.
Schmalz, Philomena, & Co., Pitcairn, Pa. Hair restorer. 167,874; May 8; Serial No. 168,004; published Feb. 6, 1923.
Schmeer's Paper Box Company, Syracuse, N. Y. Paper boxes. 169,631; June 26; Serial No. 174,112; published Mar. 27, 1923.
Schmick Gear & Screw Company, Williamsport, Pa. Lifting jacks and screw jacks. 167,251; Apr. 24; Serial No. 170,672; published Jan. 30, 1923.
Schmidt, A. O., Co. (See Schmidt, A. O.)
Schmidt, A. O., doing business as A. O. Schmidt Co., San Francisco, Calif. Antiseptic foot powder for foot troubles and for the bath. 167,368; May 1; Serial No. 169,784; published Jan. 23, 1923.
Schmidt, A. O., doing business as A. O. Schmidt Co., San Francisco, Calif. Medicine for diseases peculiar to females. 176,178; Nov. 20; Serial No. 178,573; published Aug. 7, 1923.
Schmidt, Albert C., San Francisco, Calif. Female suppositories for the local treatment of catarrhal conditions of the vagina and uterine cervix. 176,243; Nov. 20; Serial No. 177,698; published Aug. 14, 1923.
Schmidt, Frank P., doing business as Contra Chemical Co., Quincy, Ill. Paint and varnish removers. 166,446; Apr. 3; Serial No. 166,409; published Jan. 9, 1923.
Schmidt, Geo. A., & Co., Chicago, Ill. Shampoo soap. 168,373; May 22; Serial No. 168,943; published Feb. 20, 1923.
Schmidt, Gerhard F., doing business as Fabrik Pharmacia M. Schmidt & Co., Munich, Germany. Medicinal tablets for use as a general tonic. 169,876; July 3; Serial No. 137,033; published Mar. 6, 1923.
Schmidt, Gustave F., Chicago, Ill. Gas heaters. 169,143; June 12; Serial No. 157,078; published Mar. 20, 1923.
Schmidt, Henry, and Bro., Inc., Philadelphia, Pa. Folding cardboard containers for articles of merchandise. 164,149; Feb. 13.
Schmidt-Holland Inc., New York, N. Y. Gut and metal strings for stringed musical instruments. 174,381; Oct. 16; Serial No. 161,652; published June 26, 1923.
Schmidt, Joh C., Copenhagen, Denmark. Grinding machines and parts of same. 169,224; June 12; Serial No. 159,626; published Mar. 20, 1923.
Schmidt, Johan C., Copenhagen, Denmark. Grinding wheels and disks. 175,882; Nov. 13; Serial No. 180,391; published Aug. 21, 1923.
Schmidt, Joseph F., Brooklyn, N. Y. Candies and eating chocolates. 172,241; Aug. 28; Serial No. 164,729; published Dec. 19, 1922.
Schmidt, Max, doing business as Peter Ludwig Schmidt, Elberfeld, Germany. Razors. 166,830; Apr. 17; Serial No. 170,792; published Jan. 23, 1923.
Schmidt, Oscar, Inc., Jersey City, N. J. Banjo mandolins, guitars, and ukuleles and tenor banjos. 164,405; Feb. 20.
Schmidt, Peter L. (See Schmidt, Max.)
Schmidt, Robert W., Chicago, Ill. Jewelry articles. 167,323; Apr. 24.
Schmitt, C. H. A., Company, Inc., Boston, Mass. Dyestuffs. 177,185; Dec. 11; Serial No. 180,622; published Sept. 11, 1923.
Schnefel Brothers, Newark, N. J. Manicure files. 164,538; Feb. 20.
Schneider, Emil D., doing business as Gintone Laboratories, Memphis, Tenn. Tonic for use upon the scalp or skin. 170,254; July 10; Serial No. 171,140; published Apr. 3, 1923.
Schneider, Fred M., doing business as The Schneider School of Music, Blue Island, Ill. Phonograph records for use in teaching music. 166,532; Apr. 10; Serial No. 165,039; published Dec. 26, 1922.
Schneider, Herman, Mount Vernon, New Rochelle, and White Plains, N. Y., and Stamford, Conn. Hosiery, coats, gloves, suits, etc. 174,994; Oct. 30; Serial No. 172,960; published Aug. 7, 1923.
Schneider School of Music, The. (See Schneider, Fred M.)
Schnezler, Heinrich, Schaffhausen, Switzerland. Hand and foot balls of rubber. 172,385; Aug. 28; Serial No. 170,342; published May 29, 1923.
Schnoor, E. V., Cigar Co., Wichita, Kans. Cigars. 164,785; Feb. 27.
Schocket, A., New York, N. Y. Vanity cases. 168,337; May 22; Serial No. 158,585; published Feb. 20, 1923.
Schoedinger, F. O., Columbus, Ohio. Roofing paint and paint enamel for furniture. 174,386; Oct. 16; Serial No. 172,185; published July 17, 1923.
Schoedinger, F. O., Columbus, Ohio. Steel rules, zigzag rules, dividers, measuring tapes, etc. 174,670; Oct. 23; Serial No. 172,180; published July 24, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Schoedinger, F. O., Columbus, Ohio. Stove dampers, soldering furnaces, pipes, elbows, etc. 174,672; Oct. 23; Serial No. 172,183; published July 17, 1923.
Schoedinger, F. O., Columbus, Ohio. Soldering coppers, punches, chisels, rivet sets, etc. 174,673; Oct. 23; Serial No. 172,182; published July 24, 1923.
Schoedinger, F. O., Columbus, Ohio. Eaves-trough hangers, nails, rivets, brackets, bolts, and chains. 174,677; Oct. 23; Serial No. 172,184; published July 24, 1923.
Schoellkopf Co., The, Dallas, Tex. Shoe and boot linings (cut out), shoe and boot uppers, rubber and leather heels and soles, and canvas shoes. 163,165; Jan. 2.
Schoen, Seymour S., doing business as Modern Exterminating Co., New York, N. Y. Liquid for exterminating vermin. 174,808; Oct. 23; Serial No. 180,623; published Aug. 7, 1923.
Schoenberg, F. E., Mfg. Co., St. Louis, Mo. Screen doors, windows, and transoms and frames for same. 167,000; Apr. 17.
Schoener, Stephen, doing business as Quixy Polish Co., Jersey City, N. J. Polish for furniture, automobiles, etc. 168,718; May 29; Serial No. 171,709; published Mar. 13, 1923.
Schoening, M. E., Co., Inc., New York, N. Y. Violins and violin bows. 177,827; Dec. 25.
Schoepfer, Maurice, Paris, France. Perfumes, extracts, toilet water, rice powders, etc. 172,710; Sept. 11; Serial No. 175,524; published May 15, 1923.
Schofield's, J. S., Sons Co., Macon, Ga. Steam boilers. 167,572; May 1; Serial No. 166,719; published Jan. 30, 1923.
Scholderer & Aug. Inc., New York, N. Y. Men's and young men's suits and overcoats. 173,791; Oct. 2; Serial No. 174,979; published July 10, 1923.
Scholl Manufacturing Co., Inc., Chicago, Ill. Foot corrective appliances, arch supports, etc. 163,396; Jan. 9.
Scholl Manufacturing Co., Inc., Chicago, Ill. Noncorrosive metals. 165,654; Mar. 13.
Scholl Manufacturing Company, The, Chicago, Ill. Adhesive medicated shields or pads for corns, calluses, and bunions. 167,379; May 1; Serial No. 167,739; published Dec. 26, 1922.
Scholl, Wesley L., doing business as The Soiloff Company, Eldorado, Kans. Preparation to be applied to linen collars. 170,331; July 10.
Schooley, Eugene R., doing business as Henry N. Schooley and Son, Luzerne, Pa. Food for chickens. 176,519; Nov. 27; Serial No. 166,573; published July 31, 1923.
Schoolhouse, Chas., & Son. (See Schoolhouse, Lewis.)
Schoolhouse, Lewis, doing business as Chas. Schoolhouse & Son, New York, N. Y. Silk, cotton, and silk and cotton mixed piece goods. 171,613; Aug. 7; Serial No. 177,876; published May 15, 1923.
Schoonmaker Bros. & Company, Inc., New York, N. Y. Silk fabrics in the piece. 177,151; Dec. 11; Serial No. 182,360; published Sept. 18, 1923.
Schoonmaker, F. W., Inc., New York, N. Y. Mouth wash. 168,439; May 22; Serial No. 170,994; published Feb. 20, 1923.
Schor & Roberts, San Francisco, Calif. Food product. 176,995; Dec. 11; Serial No. 176,695; published Sept. 25, 1923.
Schrader's, A., Son, Incorporated, Brooklyn, N. Y. Pneumatic valves, valve casings, insides, etc. 173,962; Oct. 2; Serial No. 171,512; published July 10, 1923.
Schrader's, A., Son, Incorporated, Brooklyn, N. Y. Fluid-pressure gauges, indicators, etc. 174,164; Oct. 9; Serial No. 180,084; published July 10, 1923.
Schrader's, A., Son, Incorporated, Brooklyn, N. Y. Ice bags and syringe fixtures. 174,236; Oct. 9; Serial No. 180,243; published July 10, 1923.
Schrafft, W. F., & Sons Corporation, Boston, Mass. Candies. 170,113; July 10; Serial No. 159,327; published Apr. 3, 1923.
Schrafft's. (See Shattuck, Frank G., Company.)
Schram Glass Manufacturing Company, Hillsboro, Ill., and St. Louis, Mo. Glass jars. 163,166; Jan. 2.
Schratter, Alfred, doing business as Schratter Brothers, New York, N. Y. Canned peppers. 173,351; Sept. 25; Serial No. 141,134; published June 26, 1923.
Schreiber Flour & Cereal Co., Kansas City, Mo. Pancake flour, animal feeds, poultry feeds, cake flour, wheat flour, etc. 165,970; Mar. 27; Serial No. 159,890; published Nov. 7, 1922.
Schreiber, Nathan, New York, N. Y. Hats for women and children. 176,371; Nov. 20.
Schrem, Albert, Giengen, Germany. Box openers and nail pullers. 166,415; Apr. 3; Serial No. 168,621; published Dec. 26, 1922.
Schreter, Adolf, Baltimore, Md. Neckties. 169,175; June 12; Serial No. 169,331; published Mar. 20, 1923.
Schroeder & Hinkle, Columbia, Pa. Egg dye. 172,547; Sept. 4; Serial No. 173,537; published May 29, 1923.
Schroeder, John, Lumber Co., Milwaukee, Wis. Shingles. 167,467; May 1; Serial No. 167,029; published Dec. 19, 1922.
Schroeder & Worth, New York, N. Y. Dresses, coats, and suits. 177,013; Dec. 11; Serial No. 159,820; published Sept. 18, 1923.
Schroer, Kunibert, doing business as The Schroer Preserving Co., Berkeley, Calif. Fruit preserves, jellies, jams, and canned crushed fruits. 163,448; Jan. 9.
Schroer Preserving Co. (See Schroer, Kunibert.)
Schroy, L. D., Company, The, Akron, Ohio. Inkwell bases, sponge cups, desk pads, pen trays, etc. 175,327; Nov. 6; Serial No. 180,725; published Aug. 14, 1923.
Schubb, Thomas, Detroit, Mich. Men's suits and overcoats. 176,103; Nov. 13.
Schueller, E., Paris, France. Soaps. 167,716; May 8; Serial No. 144,157; published Jan. 30, 1923.
Schueller, Eugene, Paris, France. Hair dyes and colorings, perfumes, rouge, lip sticks, toilet powders and creams. 166,229; Mar. 27; Serial No. 165,094; published Oct. 10, 1922.
Schulte, D. A., Inc., New York, N. Y. Holders for cigars and cigarettes and mouthpieces for pipes. 167,151; Apr. 24; Serial No. 172,358; published Jan. 30, 1923.
Schulthess, Ernest, doing business as Atlas Rubber Company, New York, N. Y. Rubber hose. 172,584; Sept. 11; Serial No. 170,794; published June 5, 1923.
Schultz & Hirsch Co., Chicago, Ill. Box springs, mattresses, and pillows. 173,878; Oct. 2; Serial No. 175,950; published May 29, 1923.
Schulz, Friedrich A., and G. A. Philipp, Leipzig, Germany, assignors to The Chemical Foundation, Incorporated, Wilmington, Del. Cleaning and polishing preparations. 23,724; renewed Oct. 17, 1923.
Schulz, Friedrich A., and G. A. Philipp, Leipzig, Germany, assignors to The Chemical Foundation, Incorporated, Wilmington, Del. Scouring and polishing preparations. 23,820; renewed Nov. 14, 1923.
Schulze Baking Company, Chicago, Ill. Bread. 165,075; Mar. 6; Serial No. 159,293; published Nov. 14, 1922.
Schulze Baking Company, Chicago, Ill. Bread. 170,974; July 24, 1923.
Schulze, Louis, doing business as Success Pharmacal Co., Baltimore, Md. Remedy for toothache and neuralgia and medicinal preparation for removing corns. 174,867; Oct. 23; Serial No. 180,392; published July 31, 1923.
Schuman, Lewis, doing business as Kisco Pharmacal Co., Mount Kisco, N. Y. Preparation for asthmatic paroxisms, hay asthma or rose cold, and bronchitis. 176,292; Nov. 20; Serial No. 180,194; published Aug. 14, 1923.
Schuster Company, The, Cleveland, Ohio. Beverages and sirups for making same. 174,301; Oct. 9.
Schuster Company Incorporated, The, Louisville, Ky. Shirts, neckwear, underwear, sweaters, etc. 175,455; Nov. 6; Serial No. 149,779; published Aug. 14, 1923.
Schutter-Johnson Candy Co., Chicago, Ill. Candy. 176,440–2; Nov. 27; Serial Nos. 180,555–7; published Sept. 11, 1923.
Schuylkill Chemical Company, The, Philadelphia, Pa. Stain-removing preparation for toilet, medicinal, and domestic uses. 165,606; Mar. 13; Serial No. 167,055; published Dec. 12, 1922.
Schwab, H. W., Inc., New York, N. Y. Woolen piece goods. 175,491; Nov. 6; Serial No. 177,925; published Aug. 21, 1923.
Schwab, Louis, doing business as Stevens & Co., New York, N. Y. Tools and appliances for automotive vehicles, etc. 175,375; Nov. 6; Serial No. 168,806; published Aug. 21, 1923.
Schwab, Louis, doing business as Stevens & Co., New York, N. Y. Tools and appliances for automotive vehicles, etc. 175,756; Nov. 13; Serial No. 168,857; published Aug. 28, 1923.
Schwabacher Bros. & Co., Incorporated, Seattle, Wash. Granulated sugar. 175,775; Nov. 13; Serial No. 177,412; published Aug. 22, 1923.
Schwahn-Seyberth Mfg. Co., doing business as The Pioneer Pad Co., Eau Claire, Wis. Pads for horse collars. 163,397; Jan. 9.
Schwahn-Seyberth Mfg. Co., doing business as The Pioneer Pad Co., Eau Claire, Wis. Pads for horse collars. 164,706; Feb. 27.
Schwalb, William A., New York, N. Y. Face or wash cloths. 175,151; Oct. 30; Serial No. 180,813; published Aug. 14, 1923.
Schwarge, Carl A., doing business as Sindol Co., Woodhaven, N. Y. Face powders and cream, perfumes, toilet waters, etc. 174,076; Oct. 2; Serial No. 178,676; published July 10, 1923.
Schwartz, Bernard Cigar Corporation, Detroit, Mich. Cigars. 177,803; Dec. 25.
Schwartz, Bernard Cigar Corporation, Detroit, Mich. Cigars. 177,820; Dec. 25.
Schwartz Bros. & Co., Inc., New Orleans, La. Pocketbooks and leather suitcases. 177,790; Dec. 25.
Schwartz, Carl, New York, N. Y. Men's collars. 171,891; Aug. 14; Serial No. 172,359; published May 22, 1923.
Schwartz, Chas., & Son, Washington, D. C. Watch movements. 174,745; Oct. 23; Serial No. 168,732; published June 26, 1923.
Schwartz, David, Company, Inc., New York, N. Y. Cotton piece goods. 168,849; May 29; Serial No. 174,341; published Mar. 6, 1923.
Schwartz, David, Company, Inc., New York, N. Y. Cotton goods in the piece. 174,128; Oct. 2; Serial No. 180,558; published July 10, 1923.
Schwartz, J. C., St. Louis, Mo. Molding material for dental castings. 163,534; Jan. 16.

Alphabetical list of registrants of trade-marks—Continued.

Schwartz, Jacob, doing business as Pacific Children's Wear Mfg. Co., Los Angeles, Calif. Rompers, wash suits, dresses, etc. 176,121; Nov. 20; Serial No. 167,151; published Aug. 7, 1923.
Schwartz, Paul H., doing business as Bob-o-Link Products Co., Baltimore, Md. Malt extract. 177,452; Dec. 18; Serial No. 182,013; published Oct. 2, 1923.
Schwartz, Rudolph, San Francisco, Calif. Cigars. 173,254; Sept. 18; Serial No. 179,486; published June 12, 1923.
Schwartz-Singer Co., Inc., New York, N. Y. Dresses. 169,321; June 12; Serial No. 170,219; published Mar. Mar. 20, 1923.
Schwartzman, Theodore I., doing business as Lovejoy Laboratories, Brooklyn, N. Y. Face and talcum powders, face creams, hair tonics, etc. 168,017; May 8.
Schwarz, Max, Textile Corporation, New York, N. Y. Voile in the piece. 169,905; July 3; Serial No. 170,795; published Mar. 27, 1923.
Schwarzenbach Huber Company, The, West Hoboken, N. J. Silk piece goods. 172,973; Sept. 11; Serial No. 174,412; published June 5, 1923.
Schwarzenbach Huber Company, The, West Hoboken, N. J. Silk and artificial-silk piece goods, cotton, linen, and woolen piece goods, and combinations of same. 173,359; Sept. 25; Serial No. 180,145; published July 3, 1923.
Schwarzenbach Huber Company, The, West Hoboken, N. J. Cotton-back satin in the piece. 173,374; Sept. 25; Serial No. 180,146; published July 3, 1923.
Schwarzenbach Huber, Company, The, West Hoboken, N. J. Draperies. 177,658; Dec. 25; Serial No. 181,415; published Oct. 2, 1923.
Schwarzwaelder Company, Philadelphia, Pa. Waterproof fabrics. 175,825; Nov. 13; Serial No. 182,676; published Sept. 4, 1923.
Schwed, Bertie S., Far Rockaway, N. Y. Sewing case. 170,202; July 10; Serial No. 173,010; published Apr. 3, 1923.
Schweiz, Decken- und Tuchfabriken Pfungen-Turbenthal, Zurich, Switzerland. Textile fabrics. 177,335; Dec. 18; Serial No. 181,571; published Sept. 25, 1923.
Schwerin, Albert A., sr., Kingman, Ariz. Medicinal preparation for the treatment of toothache and pyorrhea. 169,855; July 3; Serial No. 172,124; published Mar. 6, 1923.
Scianna, Gustino, Lafayette, La. Preparation for rheumatism and pains, cramps, cuts, and sores. 172,345; Aug. 28; Serial No. 172,688; published May 1, 1923.
Scientific Farming Machinery Company, Minneapolis, Minn. Tillers comprising a plow and soil disintegrator. 170,437; July 17; Serial No. 171,660; published Mar. 13, 1923.
Scientol Products Co., Brooklyn, N. Y. Hair tonic. 177,240; Dec. 11; Serial No. 181,455; published Sept. 18, 1923.
Scolding Locks Hairpin Company, Appleton, Wis. Hairpins made of mild steel. 164,017; Feb. 6.
Scoles, Arthur W., Co. (See Scoles, Arthur W.)
Scoles, Arthur W., doing business as Arthur W. Scoles Co., Tulsa, Okla. Paint and varnish remover. 164,541; Feb. 20.
Scot Knit Hosiery Company, Harrisburg, Pa. Hosiery. 175,768; Nov. 13; Serial No. 177,053; published Aug. 21, 1923.
Scotia Mills, Inc., New York, N. Y. Hosiery and underwear. 173,513; Sept. 25.
Scott Bros. (See Scott, Philip E.)
Scott, Edwin A., Publishing Co., New York, N. Y. Biweekly magazine. 163,697; Jan. 23.
Scott, Edwin A., Publishing Co., New York, N. Y. Biweekly magazine. 167,859; May 8; Serial No. 156,660; published Feb. 20, 1923.
Scott, Evelyn, St. Louis, Mo. Certain pharmaceutical preparations used in dressing the hair and cleansing the scalp. 164,492; Feb. 20.
Scott & Fetzer Company, The, Cleveland, Ohio. Carpet sweepers. 169,917; July 3.
Scott, Harry L., Baltimore, Md. Ice-cream cones made of milk chocolate. 170,649; July 17; Serial No. 170,043; published Apr. 24, 1923.
Scott & Hunsicker. (See Scott, Joseph M.)
Scott, Hutchison, New York, N. Y. Metal cutters for cutting reenforced-concrete bars and wire rigging. 169,259; June 12; Serial No. 172,016; published Mar. 20, 1923.
Scott, Joseph M., doing business as Scott & Hunsicker, Philadelphia, Pa. Dress and negligee shirts, neckties, hosiery, etc. 163,621; Jan. 23.
Scott, Lewis L., St. Louis, Mo. Golf clubs. 173,302; Sept. 18; Serial No. 179,746; published June 19, 1923.
Scott, Philip E., doing business as Scott Bros., San Francisco, Calif. Polishes for automobiles, pianos, and furniture. 163,535; Jan. 16.
Scott, Sibyl A., New York, N. Y. Wooden wedge blocks. 166,794; Apr. 17; Serial No. 154,420; published Jan. 9, 1923.
Scott and Turner, Limited, Newcastle-on-Tyne, England. Medicated preparation for liver ailments. 174,944; Oct. 30; Serial No. 178,874; published July 24, 1923.
Scott, William J., doing business as Scott's Laboratories, Chicago, Ill. Toilet preparations. 168,295; May 15.
Scott's Laboratories. (See Scott, William J.)
Scranton Cap Manufacturing Company, Scranton, Pa. Men's and boys' headwear. 169,409; June 12.
Scranton Cap Manufacturing Company, Scranton, Pa. Men's and boys' hats and caps. 172,795; Sept. 11; Serial No. 175,214; published June 5, 1923.
Scribner's, Charles, Sons, New York, N. Y. Monthly publication. 173,713; Oct. 2; Serial No. 178,631; published June 26, 1923.
Scribner's Ink Co. (See Hickok, Clarence G.)
Scripture, Arthur P., New York, N. Y. Steel bars and billets. 170,314; July 10; Serial No. 175,328; published Apr. 3, 1923.
Scroggins, Hugh A., doing business as Clear Thru Oil Company, Springfield, Mo. Lubricating oil. 165,864; Mar. 20; Serial No. 153,159; published Dec. 26, 1922.
Scully, D. B., Syrup Company, Chicago, Ill. Sirup for table purposes. 172,872; Sept. 11; Serial No. 173,786; published June 5, 1923.
Sea Coast Packing Co., Seattle, Wash. Canned salmon. 168,483; May 22; Serial No. 168,646; published Feb. 20, 1923.
Sea Coast Packing Co., Seattle, Wash. Canned salmon. 170,103; July 10; Serial No. 168,647; published Apr. 10, 1923.
Sea Coast Packing Co., Seattle, Wash. Canned salmon. 170,965; July 24, 1923.
Sea-Dip Company, The, St. Louis, Mo. Bath salt. 168,401; May 22; Serial No. 171,659; published Feb. 20, 1923.
Sea Food Co., Biloxi, Miss. Canned shrimp and oysters. 168,813; May 29; Serial No. 170,040; published Mar. 13, 1923.
Sea Food Co., Biloxi, Miss. Canned shrimp and oysters. 168,876; May 29; Serial No. 170,041; published Mar. 13, 1923.
Seaboard Chemical Company. (See Williams, Martin & Gray, Inc.)
Seaboard Trading Co., New York, N. Y. Canned sardines and salmon, dry, smoked, and pickled fish. 163,620; Jan. 23.
Seacoast Canning Company, Eastport, Me. Canned tunny fish. 173,386; Sept. 25; Serial No. 173,303; published June 19, 1923.
Seaford Metal Products Company. (See Bauer, Frederick J.)
Sealace Co., The, Chicago, Ill. Shoe laces. 165,356; Mar. 6; Serial No. 168,129; published Dec. 5, 1922.
Sealy, Thomas, New York, N. Y. Turpentine. 164,586; Feb. 20.
Seamless Rubber Co., Inc., The, New Haven, Conn. Dolls. 164,528; Feb. 20.
Seamless Steel Products Co., Milwaukee, Wis. Seamless steel containers. 163,760; Jan. 23.
Sears Equipment Company, Inc., Rome, N. Y. Automobile soap. 165,105; Mar. 6; Serial No. 141,131; published Dec. 5, 1922.
Sears, H. P., Cycle Co., Oil Department, Rome, N. Y. Gasoline, lubricating oil and grease. 165,802; Mar. 20; Serial No. 161,151; published Dec. 26, 1922.
Sears, Roebuck and Co., Chicago, Ill. Clocks. 164,366; Feb. 20.
Sears, Roebuck and Co., Chicago, Ill. Middy blouses. 164,744; Feb. 27.
Sears, Roebuck and Co., Chicago, Ill. Work pants. 164,747; Feb. 27.
Sears, Roebuck and Co., Chicago, Ill. Clocks. 164,993; Feb. 27.
Sears, Roebuck and Co., Chicago, Ill. Tooth paste. 167,305; Apr. 24.
Sears, Roebuck and Co., Chicago, Ill. Phonographs, phonograph records and needles, disc-record albums. 167,620; May 1; Serial No. 125,254; published Jan. 10, 1922.
Sears, Roebuck and Co., Chicago, Ill. Catalogues published semiannually. 167,921; May 8; Serial No. 169,424; published Jan. 30, 1923.
Sears, Roebuck and Co., Chicago, Ill. Plowshares, plows, cultivators, corn planters, disk harrows. 169,322; June 12; Serial No. 175,109; published Mar. 20, 1923.
Sears, Roebuck and Co., Chicago, Ill. Safety pins 172,237; Aug. 28; Serial No. 175,215; published May 8, 1923.
Sears, Roebuck and Co., Chicago, Ill. Talcum powders. 172,238; Aug. 28; Serial No. 175,275; published May 22, 1923.
Sears, Roebuck and Co., Chicago, Ill. Corsets. 176,141; Nov. 20; Serial No. 175,525; published July 31, 1923.
Sears, Roebuck and Co., Chicago, Ill., and Seattle, Wash. Lubricating oils. 176,909; Dec. 4.
Sears, Roebuck and Company, New York, N. Y., and Chicago, Ill. Phonograph records. 170,708; July 24; Serial No. 140,072; published Apr. 24, 1923.
Sears, Roebuck and Company, New York, N. Y., and Chicago, Ill. Sound boxes for phonographs. 172,002; Aug. 21; Serial No. 140,073; published May 8, 1923.
Seaside Oil Company, Summerland, Calif. Petroleum products. 166,496; Apr. 3; Serial No. 171,961; published Jan. 9, 1923.
Seattle Macaroni Mfg. Co. Inc., Seattle, Wash. Alimentary pastes. 170,988; July 24.
Seattle Macaroni Mfg. Co. Inc., Seattle, Wash. Macaroni, vermicelli, and spaghetti. 173,514; Sept. 25.
Sebastian Packing Co. (See Carroll, J. Pratt, Inc.)

Sebastopol Apple Growers Union, Sebastopol, Calif. Fresh apples. 164,952; Feb. 27.
Sebastopol Apple Growers Union, Sebastopol, Calif. Fresh apples. 165,987; Mar. 27; Serial No. 162,956; published Nov. 28, 1922.
Secaw Chemical Company, Irvington, N. J. Triphenylphosphate and phosphorus oxychloride. 164,098; Feb. 13.
Secord, Laura, Confections, Ltd., Toronto, Ontario, Canada. Candies. 163,475; Jan. 16.
Secoy, Edward A., doing business as Oak Grove General Sanitarium, Williamsport, Ohio. Medicine for the treatment of influenza, etc. 176,282; Nov. 20; Serial No. 178,875; published Aug. 14, 1923.
Security Cement & Lime Co., Hagerstown, Md. Portland cement. 167,522; May 1; Serial No. 165,761; published Jan. 9, 1923.
Security Cement & Lime Co., Hagerstown, Md. Portland cement. 168,650; May 29; Serial No. 165,762; published Feb. 13, 1923.
Security Cement & Lime Co., Hagerstown, Md. Ground and hydrated lime. 174,447; Oct. 16; Serial No. 165,760; published July 3, 1923.
Security Drug Co., Alameda, Calif. Hair shampoo, dandruff remover, hair tonic, and scalp cleanser. 168,834; May 29; Serial No. 170,550; published Feb. 13, 1923.
Sedalia Manufacturing Company, Sedalia, Mo. Welding flux. 176,382; Nov. 27; Serial No. 177,523; published Aug. 21, 1923.
See The Point Waistband Company, Inc., New York, N. Y. Waistbands. 176,624; Nov. 27; Serial No. 161,651; published Sept. 18, 1923.
Seebass Products, Inc., New York, N. Y. Salad dressing. 164,643; Feb. 27.
Seeck & Kade. (See Kade, Max.)
Seelbach, K. C., Company, Inc., New York, N. Y. Scissors, shears, razor blades, pocket, table, and other knives. 168,725; May 29; Serial No. 171,819; published Feb. 27, 1923.
Seeman Brothers, New York, N. Y. Canned fruits. 23,089; renewed May 23, 1923.
Seeman Brothers, New York, N. Y. Certain cereal products. 23,126; renewed May 30, 1923.
Seeplain Envelope Company, New York, N. Y. Envelopes. 165,929; Mar. 20.
Seesaw Cane Farms. (See Heiss, Frank A.)
Segall, M. R., doing business as M. R. Segall & Co., Baltimore, Md. Coal, coke, and charcoal. 173,311; Sept. 18; Serial No. 179,169; published June 19, 1923.
Segerstrom, Emil B., Anaheim, Calif. Soap, soap paste and powder. 169,755; July 3; Serial No. 171,390; published Mar. 27, 1923.
Sehon, Stevenson & Company, Huntington, W. Va. Coffee. 170,383; July 17; Serial No. 171,595; published Apr. 10, 1923.
Seiberling Rubber Company, Akron, Ohio. Elastic vehicle tires, auto tire flaps, reliners, etc. 172,503; Aug. 28.
Seiberling Rubber Company, Akron, Ohio. Soles and heels for boots and shoes. 173,619; Oct. 2; Serial No. 164,564; published June 12, 1923.
Seiberling Rubber Company, Akron, Ohio. Rubber heels for boots and shoes. 176,921; Dec. 4.
Seidel, Ad., & Sons, Chicago, Ill. Cake mixes. 165,647; Mar. 13.
Seidenberg, R. J., Co., Buffalo, N. Y. Cigars. 173,674; Oct. 2; Serial No. 178,003; published July 3, 1923.
Seidlitz Varnish Company, Kansas City, Mo. Spar, floor, and finishing varnishes, wood finishes. 166,171; Mar. 27; Serial No. 166,322; published Dec. 5, 1922.
Seidman, Charles, doing business as Charles Seidman & Co., Philadelphia, Pa. Neckties. 177,258; Dec. 11; Serial No. 183,763; published Sept. 25, 1923.
Seifert Cromwell Company, The, Youngstown, Ohio. General tonic. 164,434; Feb. 20.
Seifert, Oswald, Salt Lake City, Utah. Blood purifiers, stomach tonic, cough sirup, etc. 173,349; Sept. 25; Serial No. 169,376; published June 26, 1923.
Seigenberg & Sher, Los Angeles, Calif. Dolls. 172,341; Aug. 28; Serial No. 179,062; published May 29, 1923.
Seinsheimer Paper Company, The, Cincinnati, Ohio. Wrapping paper. 166,800; Apr. 17; Serial No. 138,110; published Feb. 1, 1921.
Seitz, Walton C., Milwaukee, Wis. Hand shields. 170,683; July 17.
Selbach, Max, Pforzheim-Dillstein, Germany. Strings for violins and similar musical instruments. 172,863; Sept. 11; Serial No. 171,287; published June 5, 1923.
Seldage, Joseph J., Spokane, Wash. Insecticide for use in exterminating rodents, etc. 170,753; July 24; Serial No. 173,366; published Apr. 24, 1923.
Selden Worsted Mills, Methuen, Mass. Fancy worsted and dress goods of cotton, silk, etc., in the piece. 163,930; Feb. 6.
Selden Worsted Mills, Methuen, Mass. Fancy worsted and dress goods of cotton, silk, wool, worsted, and mixtures, in the piece. 163,949–50; Feb. 6.
Select Packing Co., Easton, Pa. Dried fruit and salted-nut mixture. 176,609; Nov. 27; Serial No. 179,487; published Sept. 11, 1923.
Selenkow, Jacob K., Brooklyn, N. Y. Hobbyhorses, children's automobiles, aeroplane toys. 167,080; Apr. 24; Serial No. 156,031; published Feb. 6, 1923.
Self-Expression Publishing Company. (See Tsukalas, Nicholas.)
Selig Company, The, Atlanta, Ga. Deodorizing fluid. 176,290; Nov. 20; Serial No. 180,393; published Aug. 14, 1923.
Selig Company, The, Atlanta, Ga. Disinfectant. 176,291; Nov. 20; Serial No. 180,394; published Aug. 14, 1923.
Selig Company, The, Atlanta, Ga. Disinfectant. 176,296; Nov. 20; Serial No. 180,395; published Aug. 14, 1923.
Selig Company, The, Atlanta, Ga. Disinfectant. 176,322; Nov. 20; Serial No. 180,396; published Aug. 14, 1923.
Selker, J. W., Cigar Co., Clarion, Pa. Cigars. 172,440; Aug. 28; Serial No. 171,338; published Jan. 16, 1923.
Selkow, Irving, doing business as Washington Barber Supply Co., New York, N. Y. Hair tonic. 176,300; Nov. 20; Serial No. 179,227; published Aug. 14, 1923.
Selkowitz, Isidor J., doing business as Mirose Laboratories, New York, N. Y. Hair tonic, complexion powder, depilatory, etc. 172,685; Sept. 11; Serial No. 159,628; published May 29, 1923.
Selrite Products Inc., New York, N. Y. Animated-figure toys. 175,307; Nov. 6; Serial No. 162,318; published Aug. 21, 1923.
Seltzer, Theodore, doing business as Dr. Bengue, West Hoboken, N. J. Remedy for use in treatment of rheumatism, gout, neuralgia. 163,167; Jan. 2.
Semel, J. H., & Co., New York, N. Y. Children's knit underwear. 170,145; July 10; Serial No. 163,653; published Apr. 10, 1923.
Semet-Solvay Company, Solvay, N. Y. Concrete hardener and accelerator. 169,438; June 19; Serial No. 173,250; published Mar. 27, 1923.
Semet-Solvay Company, Solvay, N. Y. Organic and inorganic chemicals. 170,279; July 10; Serial No. 173,251; published Apr. 10, 1923.
Seminole Remedy Co. (See Shields, Henry H.)
Semper-Vita Laboratories. (See Lazar, Sol.)
Semple, Jas. A., doing business as The Lumidor Co., Chicago, Ill. Humidifying devices for internal-combustion engines. 166,936; Apr. 17; Serial No. 169,377; published Jan. 9, 1923.
Seneca Knitting Co. (See Smith, Caleb.)
Seneca Oil Works, Warren, Pa. Lubricating oils. 24,604; renewed Apr. 24, 1924.
Senora Paint Works, Inc., Long Island City, N. Y. Mixed liquid paints. 173,413; Sept. 25; Serial No. 177,752; published June 19, 1923.
Sensat, G., Hijos, Barcelona, Spain. Olive oil. 164,118; Feb. 13.
Senville, William, New York, N. Y. Daily publication. 163,799; Jan. 30.
Serage, Francis L., doing business as Community Advertising Co., Columbus, Ohio. Calendars published annually. 172,079; Aug. 21; Serial No. 176,285; published May 22, 1923.
Serrurier, Iwan, Altadena, Calif. Cabinet motion-picture apparatus. 176,030; Nov. 13; Serial No. 179,228; published Sept. 4, 1923.
Service Electric Mfg. & Supply Co., Boston, Mass. Canopies for electric-light fixtures and parts thereof. 168,994; May 29.
Service Equipment Co., Inc., New York, N. Y. Sheetings and pillowcases. 175,446; Nov. 6; Serial No. 183,236; published Aug. 28, 1923.
Service Sales Agency. (See Curtiss, Lloyd, assignor.)
Sete Ame des Industries Chimiques de Wilsele-Louvain, Wilsele-Louvain, Belgium. Lithopone, zinc white, barium sulphate, etc., serving as a base for paints. 164,288; Feb. 20.
Sethness Company, Chicago, Ill. Chocolate malted concentrate for the making of a food drink. 173,847; Oct. 2; Serial No. 174,265; published July 3, 1923.
Sethness Company, Chicago, Ill. Beverage sold as a soft drink and sirups for making same. 173,953; Oct. 2; Serial No. 175,681; published July 10, 1923.
Sethness Company, Chicago, Ill. Nonalcoholic, maltless, sirup for making a citrous beverage. 177,302; Dec. 18; Serial No. 173,147; published Oct. 2, 1923.
Seven Sutherland Sisters, Corp., New York, N. Y. Hair coloring. 165,625; Mar. 13; Serial No. 167,490; published Dec. 12, 1922.
Sewall Paint & Glass Company, Kansas City, Mo. Ready-mixed wall paints, wall size, and wall-paint thinners. 168,728; May 29; Serial No. 172,186; published Feb. 27, 1923.
Sewall Paint & Glass Company, Kansas City, Mo. Varnishes, varnish stain, enamels, etc. 174,224; Oct. 9; Serial No. 180,814; published July 10, 1923.
Sewall Paint and Glass Company, Kansas City, Mo. Prepared paint. 177,545; Dec. 18; Serial No. 183,320; published Oct. 2, 1923.
Seward Trunk and Bag Company, Petersburg, Va. Wardrobe trunks. 171,214; July 31; Serial No. 178,004; published May 15, 1923.
Sewell-Clapp-Envelopes, Chicago, Ill. Envelopes. 166,938; Apr. 17; Serial No. 171,288; published Jan. 16, 1923.
Sewickley Electric Manufacturing Company, Sewickley, Pa. Electric watt-hour meters. 175,340; Nov. 6; Serial No. 171,554; published Feb. 13, 1923.
Sexauer, Frederick E., doing business as Frederick E. Sexauer and Company, Brooklyn, N. Y. Fancy leather goods. 176,391; Nov. 27; Serial No. 172,254; published Sept. 11, 1923.

Sexauer, J. A., Mfg. Co. Inc., New York, N. Y. Fire-pot repair parts. 168,516; May 22.

Sexauer, J. A., Mfg. Co., New York, N. Y. Rubber cushions, washers, packings, gaskets, etc. 169,925; July 3.

Sexton, John, and Company, Chicago, Ill. Canned vegetables, beans and pork, prepared spaghetti, flavoring extracts, peanut butter, etc. 169,220; June 12; Serial No. 153,625; published Mar. 20, 1923.

Sexton, John, and Company, Chicago, Ill. Baking powder, table salt, fruit and vegetable coloring, lye, glycerin, etc. 169 883; July 3; Serial No. 153,696; published Mar. 6, 1923.

Seydel Chemical Company, Nitro, W. Va., and Jersey City, N. J. Antispasmodic used in seasickness, dismenorrhea, and other stomach spasms. 165,518; Mar. 13; Serial No. 163,767; published Nov. 28, 1922.

Seydel Chemical Company, Nitro, W. Va., and Jersey City, N. J. Local anæsthetic. 167,395; May 1; Serial No. 164,087; published Jan. 23, 1923.

Seyforth, Henry G., Chicago, Ill. Laxative cough and cold remedy. 165,490; Mar. 13; Serial No. 166,204; published Dec. 12, 1922.

Seymour Manufacturing Company, The, Seymour, Conn. Metal alloys of copper, zinc, and nickel in the form of tubes and shells. 165,725–6; Mar. 20; Serial No. 168,945–6; published Dec. 19, 1922.

Seymour Manufacturing Company, The, Seymour, Conn. Metals—namely, metal alloys of copper, zinc, and nickel in the form of tubes and shells. 166,007; Mar. 27; Serial No. 168.944; published Dec. 19, 1922.

Seymour Manufacturing Company, The, Seymour, Conn. Metals—namely, brass, gilding, copper, etc. 171,833; Aug. 14; Serial No. 175,952; published May 15, 1923.

Seymour Manufacturing Company, The, Seymour, Conn. Metal alloys of copper, zinc, and nickel, wire in coils, etc. 171,834; Aug. 14; Serial No. 175,954; published May 15, 1923.

Seymour Manufacturing Company, The, Seymour, Conn. Metal alloys of copper, zinc, and nickel. 173,479; Sept. 25; Serial No. 175,956; published June 19, 1923.

Seymour Manufacturing Company, The, Seymour, Conn. Metal alloys. 173,480; Sept. 25; Serial No. 175,955; published June 12, 1923.

Seymour Manufacturing Company, The, Seymour, Conn. Metals. 173,481; Sept. 25; Serial No. 175,953; published June 19, 1923.

Seymour Manufacturing Company, The, Seymour, Conn. Metal electrodes. 174,408; Oct. 16; Serial No. 175,951; published June 26, 1923.

Seymour Packing Company, The, Topeka, Kans. Dressed poultry and eggs. 167,138; Apr. 24; Serial No. 156,927; published Jan. 23, 1923.

Seymour Packing Company, The, Topeka, Kans. Dressed poultry. 167,139; Apr. 24; Serial No. 156,926; published Jan. 23, 1923.

Seymour Packing Company, The, Topeka, Kans. Dressed poultry. 167,223; Apr. 24; Serial No. 156,928; published Jan. 23, 1923.

Seymour Packing Company, The, Topeka, Kans. Dressed poultry and eggs. 169,137; Apr. 24; Serial No. 156,929; published Jan. 23, 1923.

Seymour Packing Company, The, Topeka, Kans. Dressed poultry. 171,113; July 31; Serial No. 174,925; published May 8, 1923.

Shafarman, L., Inc., New York, N. Y. Headwear—namely, soft and stiff hats for men. 172,093; Aug. 21; Serial No. 176,921; published May 22, 1923.

Shafe, Wilfred T., doing business as O-Jib-Wa's Indian Medicine Company, Flint, Mich. Medicinal bitters. 163,168; Jan. 2.

Shaffner, S. E., Co., Portland, Oreg. Food-flavoring extracts, crushed and canned fruits. 171,453; Aug. 7; Serial No. 168,807; published May 15, 1923.

Shaft Pierce Shoe Company, Faribault, Minn. Shoes. 169,735; June 26.

Shain, Harry, doing business as Emily Brassiere Co., New York, N. Y. Brassières, bandeaux, and corsets. 166,389; Apr. 3; Serial No. 169,425; published Dec. 5, 1922.

Shakeproof Screw & Nut Lock Company, Chicago, Ill. Nut locks. 167,320; Apr. 24.

Shamrock Overall Mfg. Co., Louisville, Ky. Overalls. 173,327; Sept. 25; Serial No. 171,710; published June 26, 1923.

Shane, C. B., Co., Chicago, Ill. Raincoats and topcoats. 164,777–8; Feb. 27.

Shane, C. B., Co., Chicago, Ill. Raincoats and topcoats. 172,961; Sept. 11; Serial No. 175,110; published June 5, 1923.

Shannon, Edward J., Company, The, Cincinnati, Ohio. Shellac. 167,617; May 1; Serial No. 142,038; published Dec. 19, 1922.

Shannon, J. A., & Son, Iowa Falls, Iowa. Dressed poultry and eggs. 176,508; Nov. 27; Serial No. 164,562; published Aug. 7, 1923.

Shannon, John C., London, England. Men's, youths' boys', and ladies' clothing. 176,588; Nov. 27; Serial No. 180,398; published Sept. 18, 1923.

Shansby, Joseph B., Seattle, Wash. Caps, sweaters, leggings, scarfs, bathing suits, hose, gloves. 176,571; Nov 27; Serial No. 178,534; published Sept. 18, 1923.

Shapero, Lewis & Co., New York, N. Y. Dresses. 172,861; Sept. 11; Serial No. 170,551; published June 5, 1923.

Shapiro, Charles H., doing business as A-B-C Auto Radiator Works, Chicago, Ill. Radiators for motor vehicles. 166,008; Mar. 27; Serial No. 162,463; published July 4, 1922.

Shapiro, Esther C., doing business as American Diamond & Jewelry Co., Chicago, Ill. Pearls, pearl necklaces, and pearl-mounted jewelry. 175,941; Nov. 13; Serial No. 173,444; published Aug. 21, 1923.

Shapiro, Louis, doing business as Louis Shapiro & Co., Mount Vernon, N. Y. Men's ready-made suits and overcoats. 170,142; July 10; Serial No. 163,117; published Apr. 3, 1923.

Shapiro, Louis, doing business as Louis Shapiro & Co., New York, N. Y. Men's ready-made suits and overcoats. 174,257; Oct. 9; Serial No. 177,626; published July 10, 1923.

Shapiro, Louis, doing business as Louis Shapiro & Co., New York, N. Y. Men's ready-made suits and overcoats. 174,272; Oct. 9; Serial No. 177,627; published July 10, 1923.

Shapleigh Hardware Company, St. Louis, Mo. Enameled ware consisting of rice boilers, mixing bowls, washbowls, etc. 166,408; Apr. 3; Serial No. 166,608; published Jan. 2, 1923.

Shapleigh Hardware Company, St. Louis, Mo. Baby baths, coffee and rice boilers, bowls, etc. 174,106; Oct. 2; Serial No. 162,358; published July 3, 1923.

Shapleigh Hardware Company, St. Louis, Mo. Fishing lines, rods, and reels. 176,820; Nov. 27.

Sharaf, Morris, Boston, Mass. Ladies' aprons. 166,713; Apr. 10; Serial No. 156,027; published Jan. 2, 1923.

Sharon Pressed Steel Co., Sharon, Pa. Dollies. 167,790; May 8; Serial No. 165,765; published Feb. 6, 1923.

Sharon Pressed Steel Co., Sharon, Pa. Trailers. 167,811; May 8; Serial No. 165,766; published Feb. 13, 1923.

Sharon Pressed Steel Co., Sharon, Pa. Hand trucks. 167,812; May 8; Serial No. 165,764; published Feb. 13, 1923.

Sharon Pressed Steel Company, Sharon, Pa. Stampings pressed or stamped from sheet steel. 165,671; Mar. 20; Serial No. 166,581; published Dec. 12, 1922.

Sharp & Dohme, Baltimore, Md. Benzyl benzoate. 165,710; Mar. 20; Serial No. 168,338; published Dec. 19, 1922.

Sharp & Dohme, Baltimore, Md. Suppurative medicinal powder. 170,247; July 10; Serial No. 171,596; published Apr. 3, 1923.

Sharpe, Frank H., Dorchester, Mass. Machines for dividing dough. 167,663; May 8; Serial No. 169,260; published Feb. 20, 1923.

Sharpe-Philippi Co., Inc., Philadelphia, Pa. Germicidal solution. 168,663; May 29; Serial No. 155,327; published Feb. 20, 1923.

Shattuck, Frank G., Company, doing business as Schrafft's, New York, N. Y. Candy. 171,335; Aug. 7; Serial No. 172,560; published May 15, 1923.

Shaw, Arthur H., Wellesley, Mass. Live poultry and eggs. 172,643; Sept. 11; Serial No. 157,855; published May 1, 1923.

Shaw, Frederick G., Brooklyn, N. Y. Cream to be applied to the skin as an insect repellent. 173,899; Oct. 2; Serial No. 176,505; published July 10, 1923.

Shaw, Marvin, and Co., New York, N. Y. Dresses. 171,849; Aug. 14; Serial No. 170,995; published May 15, 1923.

Shaw Mfg. Co., Oak Park, Ill. Spark plugs. 170,341; July 10.

Shaw, Welsh & Company, Galesburg, Ill. Metal plates to hold the heat under the bottoms of cooking vessels and utensils. 169,551; June 19.

Shaw, William T., doing business as Shoemaco Mfg. Co., Bellevue, Ohio. Foot powder. 169,786; July 3; Serial No. 155,709; published Mar. 20, 1923.

Sheaffer, W. A., Pen Company, Fort Madison, Iowa. Fountain pens. 173,423; Sept. 25; Serial No. 157,185; published June 26, 1923.

Sheberashenko, Andrey, doing business as Radius Tool Co., Detroit, Mich. Radius tools and knurling tools for holders. 166,503; Apr. 3; Serial No. 162,954; published Jan. 2, 1923.

Sheboygan Dairy Products Co., Sheboygan, Wis. Ice cream. 171,912; Aug. 14.

Shedaker, Charles E., & Sons, Philadelphia, Pa. Men's and women's woven textile athletic underwear and women's bloomers. 175,047; Oct. 30; Serial No. 179,627; published Aug. 14, 1923.

Sheet Lathing Corporation, assignor to Plastuc Mfg. Corporation, Syracuse, N. Y. Sheet lathing. 169,512; June 19; Serial No. 171,962; published Mar. 27, 1923.

Sheffer, Max B., Card Co., Chicago, Ill. Sets of pictures. 173,634; Oct. 2; Serial No. 172,404; published May 29, 1923.

Sheffield, Lawrence B., doing business as L. B. Sheffield Company, Inc., Richmond, Va. Table sirups. 171,696; Aug. 7.

Sheffield Mfg. Co., Burr Oak, Mich. Corn planters. 163,883; Feb. 6.

Sheffield Mfg. Co., Burr Oak, Mich. Hand coaster sleds. 165,741; Mar. 20; Serial No. 169,873; published Dec. 26, 1922.

Sheffield Mfg. Co., Burr Oak, Mich. Corn planters. 166,106; Mar. 27; Serial No. 165,042; published Nov. 28, 1922.

Alphabetical list of registrants of trade-marks—Continued.

Sheffield Mfg. Co., Burr Oak, Mich. Children's hand sleds. 175,628; Nov. 6; Serial No. 174,530; published Aug. 21, 1923.
Sheffield Pharmacal Co., Chicago, Ill. Perspiration preventive. 164,499; Feb. 20.
Shefftel, Michael W., doing business as Rheumatum Company, Stigler, Okla. Liniment for rheumatism, bruises, etc. 174,354; Oct. 16; Serial No. 177,111; published July 10, 1923.
Sheik Toilet Products Company. (See Kleis, Adolf J.)
Shelby Wax Paper Company, The, Shelby, assignor to The Crystal Waxing Company, Middletown, Ohio. Sheets of wax paper in packages. 172,018; Aug. 21; Serial No. 171,286; published May 22, 1923.
Shelby Wax Paper Co., The, Shelby, Ohio, assignor to The Crystal Waxing Company, Middletown, Ohio. Sheets of wax paper in packages. 177,838; Dec. 25.
Sheldon Booth & Co., Chicago, Ill. Polish for polishing enameled, painted, or varnished surfaces. 168,736; May 29; Serial No. 172,636; published Mar. 13, 1923.
Shell Company of California, San Francisco, Calif. Lubricating oils. 168,803; May 29; Serial No. 174,186; published Mar. 13, 1923.
Shell Company of California, San Francisco, Calif. Gasoline. 169,945; July 3.
Shellac Co. of New York, New York, N. Y. Chemical composition for the removal of oils, paints, etc. 168,737; May 29; Serial No. 172,689; published Mar. 13, 1923.
Shellac Co. of New York, New York, N. Y. Prepared shellacs, varnishes, color stains, etc. 168,758; May 29; Serial No. 172,690; published Mar. 13, 1923.
Shelton Vapor Stove Company Indianapolis, Ind. Cooking and heating stoves. 176,898; Dec. 4.
Shenandoah Abattoir Co., Shenandoah, Pa. Smoked hams and bacons, cooked ham, lard, etc. 173,538; Sept. 25.
Shenandoah Valley Apple Cider & Vinegar Co., Winchester, Va. Jellies, jams, fruit preserves, fruit butter, canned fruit, etc. 163,449; Jan. 9.
Shepard Electric Crane & Hoist Company, Montour Falls, N. Y. Electrically-operated hoisting machinery. 177,837; Dec. 25.
Sheppard, George W., San Francisco, Calif. Parlor games. 173,307; Sept. 18; Serial No. 179,383; published June 19, 1923.
Sheppard, George W., San Francisco, Calif. Parlor games. 175,370; Nov. 6; Serial No. 175,217; published Aug. 21, 1923.
Sheppard, Osmond M., Bellingham, Wash. Candy. 173,230; Sept. 18; Serial No. 173,367; published June 19, 1923.
Sheratone Products Corporation, New York, N. Y. Finishing and polishing materials in the nature of a varnish. 170,555; July 17; Serial No. 173,678; published Apr. 17, 1923.
Sherman, Clay & Co., San Francisco, Calif. Metal polish for cleaning and polishing band instruments, show cases, brass or zinc signs, etc. 163,808; Jan. 30.
Sherman Coffee Company, The, Sherman, Tex. Roasted and ground coffee. 176,219; Nov. 20; Serial No. 178,475; published Aug. 21, 1923.
Sherman, H. A., doing business as Trio Drug Co., Denver, Colo. Mustard liniment and balm, face powder, vanishing, cleansing, and bleaching creams, etc. 163,932; Feb. 6.
Sherman, H. B., Manufacturing Co., Battle Creek, Mich. Electric motors and parts thereof. 175,842; Nov. 13; Serial No. 181,223; published Sept. 4, 1923.
Sherman & Lebair, Incorporated, New York, N. Y. Hosiery, boots, shoes, overalls, and rompers. 176,496; Nov. 27; Serial No. 174,492; published Sept. 18, 1923.
Sherman, Robert, New York, N. Y. Puzzles. 177,817; Dec. 25.
Sherman, Samuel, New York, N. Y. Traveling-bags, suitcases, brief cases, trunks, pocketbooks. 174,811; Oct. 23; Serial No. 144,882; published Oct. 11, 1921.
Sherrer, Fredrick M., doing business as Ino Manufacturing Company, Portland, Ark. Hair dressing. 165,588; Mar. 13; Serial No. 157,853; published Dec. 5, 1922.
Sherts, J. E. (See Law, Edwin F., assignor.)
Sherwin-Williams Company, The, Cleveland, Ohio. Brass polish, liquid, paste, or semipaste. 163,857; Jan. 30.
Sherwin-Williams Company, The, Cleveland, Ohio. Paints, paint enamels, japans, varnishes, etc. 164,193; Feb. 13.
Sherwin-Williams Company, The, Cleveland, Ohio. Paints, paint enamels, varnishes, stains, etc. 164,558; Feb. 20.
Sherwin-Williams Company, The, Cleveland, Ohio. Paints, paint enamels, japans, varnishes, etc. 164,606–7; Feb. 20.
Sherwin-Williams Company, The, Cleveland, Ohio. Paints, paint enamels, varnishes, stains, etc. 164,638; Feb. 27.
Sherwin-Williams Company, The, Cleveland, Ohio. Paints, paint enamels, japans, varnishes, etc. 165,277; Mar. 6; Serial No. 154,327; published Dec. 12, 1922.
Sherwin-Williams Company, The, Cleveland, Ohio. Chemical dip to control scabies of sheep and cattle. 165,480; Mar. 13; Serial No. 168,074; published Dec. 12, 1922.
Sherwin-Williams Company, The, Cleveland, Ohio. Cleaning and renewing the finish of waxed, painted, and varnished floors, furniture, etc. 166,963; Apr. 17.
Sherwin-Williams Company, The, Cleveland, Ohio. Paint, paint enamels, varnishes, stains, lacquers, etc. 167,678; May 8; Serial No. 147,470; published Feb. 13, 1923.
Sherwin-Williams Company, Cleveland, Ohio. Paint, paint enamels, japans, stains, etc. 168,111; May 15; Serial No. 145,131; published Feb. 20, 1923.
Sherwin-Williams Company, The, Cleveland, Ohio. Paint, paint enamels, japans, varnishes, stains, etc. 168,347; May 22; Serial No. 136,241; published Feb. 20, 1923.
Sherwin-Williams Company, The, Cleveland, Ohio. Combined linoleate and resinate lead and manganese drier. 168,455; May 22; Serial No. 173,581; published Feb. 20, 1923.
Sherwin-Williams Company, The, Cleveland, Ohio. Paints, paint enamels, japans, varnishes, stains, and fillers. 169,471–2; June 19; Serial Nos. 173,680–1; published Mar. 20, 1923.
Sherwin-Williams Company, The, Cleveland, Ohio. Paints, paint enamels, japans, varnishes, stains, and fillers. 169,474; June 19; Serial No. 173,789; published Mar. 20, 1923.
Sherwin-Williams Company, The, Cleveland, Ohio. Paints, paint enamels, japans, varnishes, stains, and fillers. 169,475; June 19; Serial No. 173,787; published Mar. 20, 1923.
Sherwin-Williams Company, The, Cleveland, Ohio. Paints, paint enamels, japans, varnishes, etc. 170,537; July 17; Serial No. 174,413; published Apr. 17, 1923.
Sherwin-Williams Company, The, Cleveland, Ohio. Foundation dampproofing. 171,677; Aug. 7.
Sherwin-Williams Company, Cleveland, Ohio. Wood preservative. 171,700; Aug. 7.
Sherwin-Williams Company, The, Cleveland, Ohio. Polish. 171,956; Aug. 14.
Sherwood Petroleum Company, Inc., Brooklyn, N. Y. White mineral oil for medicinal purposes. 170,198–9; July 10; Serial Nos. 173,368–9; published Apr. 3, 1923.
Sherwood Petroleum Company, Inc., Brooklyn, N. Y. Synthetic petrolatum and petroleum jelly. 176,315; Nov. 20; Serial No. 179,063; published Aug. 14, 1923.
Shevers Ice Cream Company Inc., New York, N. Y. Ice cream, water ice, frozen fruits, and frozen puddings. 165,778; Mar. 20; Serial No. 158,649; published Dec. 26, 1922.
Shield, Henry, doing business as Common Sense Mfg. Co., St. Louis, Mo. Polish for automobiles. 164,365; Feb. 20.
Shields, Belmont L., doing business as Dandereater Company, Leesville, La. Hair tonic. 167,741; May 8; Serial No. 168,985; published Jan. 2, 1923.
Shields, Burton T., doing business as Shields and Hopkins Company, Indianapolis, Ind. Periodical publications. 169,965; July 10; Serial No. 174,927; published Apr. 17, 1923.
Shields, Henry H., doing business as Seminole Remedy Co., Louisville, Ky. Preparation for the treatment of rheumatism, kidney, and bladder trouble, neuralgia, etc. 168,056; May 15; Serial No. 170,259; published Feb. 20, 1923.
Shinbaum, Ernest, doing busines as Embro Medicine Company. Chattanooga, Tenn. Embrocation or liniment. 166,876; Apr. 17; Serial No. 156,827; published Jan. 9, 1923.
Shinn, Jeannette C., doing business as J. C. Shinn Co., New York, N. Y. Educational card games. 177,298; Dec. 18; Serial No. 174,217; published Oct. 2, 1923.
Shinola Company, Rochester, N. Y. Shoe polish. 177,840; Dec. 25.
Shipman, Clara M., doing business as C. A. Mosso Laboratories, Chicago, Ill. Antiseptic liniment for first-aid treatment of burns, cuts, bruises, etc. 167,809; May 8; Serial No. 166,265; published Feb. 13, 1923.
Shirek & Hirsch, New York, N. Y. Men's, women's, and children's outer garments. 170,117; July 10; Serial No. 162,461; published Oct. 10, 1922.
Shirey & Brown, Buena Vista, assignor to Arnica Cream Company, Inc., Roanoke, Va. An emollient for the skin. 23,800; renewed Nov. 7, 1923.
Shirland Knitting Mills. (See Ellis, John S.)
Shirley Manufacturing Co., Shreveport, La. Finger rings and ring mountings. 169,509; June 19; Serial No. 171,820; published Mar. 27, 1923.
Shirt Snubers Company, The, Toledo, Ohio. Devices for preventing shirts from creeping up. 172,322; Aug. 28; Serial No. 176,577; published May 8, 1923.
Shirtcraft Co., Inc., The, New York, N. Y. Dress and negligee shirts for men. 176,920; Dec. 4.
Shoe Retailer Company, The, Boston, Mass. Periodical published monthly. 165,255; Mar. 6; Serial No. 168,558; published Dec. 19, 1922.
Shoemaco Mfg. Co. (See Shaw, William T.)
Shoemaker, Flora H., doing business as The Frostilla Company, Elmira, N. Y. Lotions for the treatment of the skin. 172,793; Sept. 11; Serial No. 175,451; published June 5, 1923.
Shoemaker, Flora H., doing business as The Frostilla Company, Elmira, N. Y. Lotion for the skin. 174,935; Oct. 30; Serial No. 173,445; published July 24, 1923.
Shoninger-Heinsheimer Manufacturing Co., Chicago, Ill. Children's cloaks and capes. 173,341; Sept. 25; Serial No. 171,963; published July 3, 1923.
Shoninger-Heinsheimer Manufacturing Co., Chicago, Ill. Juniors' and misses' cloaks, capes, and suits. 173,819; Oct. 2; Serial No. 171,964; published July 3, 1923.

Shoninger, Sol H., doing business as The Solvos Company, Chicago, Ill. Baby pants or diaper covers. 170,568; July 17; Serial No. 163,709; published Oct. 24, 1922.
Shoor-Patch Rubber Company. (See McBride, Joseph J.)
Shope Brick Company, Portland, Oreg. Bricks and tiles. 172,498; Aug. 28.
Shores-Mueller Company, Cedar Rapids, Iowa. Pharmaceutical and medicinal preparations for treating animals, antiseptics, germicides, etc. 169,841; July 3; Serial No. 172,962; published Mar. 13, 1923.
Shotton, John C., Cleveland, Ohio. Metal solders, and more particularly a gold solder. 165,619; Mar. 13; Serial No. 167,340; published Dec. 19, 1922.
Shotwell Mfg. Co., Chicago, Ill. Candies. 175,565; Nov. 6; Serial No. 181,456; published Aug. 21, 1923.
Shotwell Mfg. Co., Chicago, Ill. Pop-corn candy. 177,241; Dec. 11; Serial No. 181,416; published Sept. 25, 1923.
Shotwell's Inc., Houston, Tex. Children's clothing—namely, suits, overcoats, mackinaws, etc. 172,783; Sept. 11; Serial No. 158,403; published June 5, 1923.
Shrader Battery Company, New Albany, Ind. Electric batteries. 166,310; Mar. 27.
Shreveport Chemical Company, Shreveport, La. Material used to hasten the setting and lower the freezing point of cement. 173,071; Sept. 11.
Shreveport Chemical Company. (See Benson, Thomas L.)
Shriberg, Samuel, doing business as Sumner Specialty Co., East Boston, Mass. Furniture and automobile polish. 164,637; Feb. 27.
Shulman & Sons, New York, N. Y. Men's, women's, and children's hosiery. 163,995; Feb. 6.
Shull-Day Company, Tacoma, Wash. Overalls and jackets. 163,622; Jan. 23.
Shull-Day Company, Tacoma, Wash. 171,900; Aug. 14.
Shull-Day Company, Tacoma, Wash. Trousers. 171,901; Aug. 14.
Shults Ointment Company. (See Hinkson, Andrew H.)
Shumake Remedy Co., The. (See Hightower, James F.)
Shur-On Optical Co. Inc., Rochester, N. Y. Eyeglasses, spectacles, and parts and repairs. 165,672; Mar. 20; Serial No. 166,575; published Oct. 24, 1922.
Shurtz, Thomas M., doing business as Manchester Handle & Turning Company, Manchester, Mich. Baseball bats. 173,690; Oct. 2; Serial No. 177,458; published June 19, 1923.
Shute, Bruce T., Sacramento, Calif. Fresh deciduous fruits. 173,880; Oct. 2; Serial No. 176,221; published July 3, 1923.
Sichel, Ferdinand, New York, N. Y. Cotton goods and linens in the piece. 169,669; June 26; Serial No. 175,028; published Mar. 27, 1923.
Siebel, J. E., Sons' Co., Chicago, Ill. Bread. 163,623; Jan. 23.
Siebert-Constable Co., The, Columbus, Ohio. Hosiery. 172,152; Aug. 21.
Siebert, Otto W., Gardner, Mass. Toy automobiles. 165,517; Mar. 13; Serial No. 163,598; published Jan. 2, 1923.
Siegbert, Louis, & Bro., New York, N. Y. Cotton piece goods. 170,235; July 10; Serial No. 174,037; published Apr. 3, 1923.
Siegbert, Louis, & Bro., New York, N. Y. Cotton piece goods. 171,415; Aug. 7; Serial No. 172,493; published May 15, 1923.
Siegel, Henry, New York, N. Y. Ladies' trimmed hats. 177,002; Dec. 11; Serial No. 180,399; published Sept. 11, 1923.
Siegel, Morris, doing business as The Liko Co., Los Angeles, Calif. Stove polish. 169,513; June 19; Serial No. 171,965; published Mar. 20, 1923.
Siegman, Arthur, Inc., New York, N. Y. Ladies' and gentlemen's cravats. 172,156; Aug. 21.
Siemers-Marshall Electric Co., St. Louis, Mo. Electric-lighting fixtures for show cases. 165,182; Mar. 6; Serial No. 168,694; published Nov. 7, 1922.
Sierra Chemical Company, Los Angeles, Calif. Water-softening compound. 170,004; July 10; Serial No. 156,721; published Mar. 6, 1923.
Sierra Refining Company, Los Angeles, Calif. Gasoline. 168,777; May 29; Serial No. 174,155; published Feb. 27, 1923.
Sierra Vista Vineyard Corporation, San Francisco, Calif. Fresh grapes. 168,377; May 22; Serial No. 169,329; published Feb. 27, 1923.
Sifo Products Company, St. Paul, Minn. Shingle strips. 172,689; Sept. 11; Serial No. 155,836; published June 5, 1923.
Siggia, Peter D., Hackensack, N. J. Hair stimulant, dandruff, and eczema killer. 163,250; Jan. 2.
Sigler Bros. Co., The, Cleveland, Ohio. Jewelry. 174,749; Oct. 23; Serial No. 167,853; published July 24, 1923.
Signal Electric Manufacturing Co., Menominee, Mich. Telegraph relays, electric bells, radio receiving apparatus, etc. 169,020; May 29.
Sikes Company, The, Philadelphia, Pa. Office chairs, costumers, settees, telephone tables, etc. 165,256; Mar. 6; Serial No. 167,694; published Dec. 5, 1922.
Silberman, Louis, & Sons, Philadelphia, Pa. Finished sole leather. 163,169; Jan. 2.
Silberstein, J. D., & Sons, Inc., New York, N. Y. Men's work and dress shirts. 164,796; Feb. 27.
Silberstein, J. D., & Sons, Inc., New York, N. Y. Men's and boys' dress, negligee, and work shirts. 168,328; May 22; Serial No. 165,566; published Nov. 7, 1922.
Silberstein, J. B., & Sons, Inc., New York, N. Y. Men's work shirts. 171,906; Aug. 14.
Silberstein, J. D., & Sons, Inc., New York, N. Y. Dress shirts. 175,862–3; Nov. 13; Serial Nos. 175,441–2; Aug. 28, 1923.
Silberstein, Joseph, New York, N. Y. Handkerchiefs. 175,449; Nov. 6; Serial No. 183,088; published Aug. 28, 1923.
Silene, Alfred T., Cambridge, Minn. Hair saver and darkener. 168,839; May 29; Serial No. 170,697; published Feb. 13, 1923.
Silger Laboratories, Buffalo, N. Y. Preparation for dressing the hair. 177,364; Dec. 18; Serial No. 181,869; published Sept. 25, 1923.
Silk-O-Lene Oil Company. (See Ziegler, Charles M.)
Siluminite Insulator Company Limited, The, Southall, England. Electrical insulating compounds and electric insulators. 164,336; Feb. 20.
Silveira, Carmo & Companhia, Lisbon, Portugal. Sardines in oil. 173,117; Sept. 18; Serial No. 169,139; published June 12, 1923.
Silver Lane Pickle Company, The, East Hartford, Conn. Chowchow pickle, mixed pickles, sour onions, gherkins, etc. 176,606; Nov. 27; Serial No. 179,562; published Sept. 11, 1923.
Silver, M. & H., Incorporated, Norfolk, Va. Fountain pens and pencils. 171,045; July 31; Serial No. 174,928; published May 15, 1923.
Silver Pad Mfg. Co. Inc., The, Herkimer, N. Y. Protecting pad for furniture. 169,320; June 12; Serial No. 170,159; published Mar. 13, 1923.
Silver Palm Citrus Growers Association, Naranja, Fla. Fresh citrous fruits. 172,025; Aug. 21; Serial No. 170,044; published May 29, 1923.
Silverstein, S. & M., Co., New York, N. Y. Misses' coats and suits. 164,078; Feb. 13.
Silvodent Co., The. (See Garrison, Harry B.)
Silz, A., Inc., New York, N. Y. Canned plum pudding. 171,231; July 31; Serial No. 171,141; published May 22, 1923.
Sime Williamson & Co. Limited, Hawick, Scotland. Clothes and stuffs of wool, worsted, or hair. 166,224; Mar. 27; Serial No. 168,906; published Oct. 31, 1922.
Simmons, C. F., Medicine Co. (See Zeilin, J. H., & Co., assignor.)
Simmons, Georgia A., Washington, D. C. Preparation for growing hair and the eradication of dandruff. 173,179; Sept. 18; Serial No. 169,829; published June 19, 1923.
Simmons Hardware Company, St. Louis, Mo. Bicycle tires and automobile tubes and casings. 175,081; Oct. 30; Serial No. 169,259; published Aug. 14, 1923.
Simms, Charles F., Concord, N. H. Toy aeroplanes. 164,821; Feb. 27.
Simon, Franklin & Co. Inc., New York, N. Y. Men's, boys', women's and girls' furnishings, undergarments, and clothing. 173,348; Sept. 25; Serial No. 170,431; published June 26, 1923.
Simon, Franklin, & Co. Inc., New York, N. Y. Collars and cuffs. 176,500; Nov. 27; Serial No. 173,338; published Sept. 11, 1923.
Simon, Horatio, & Co., New York, N. Y. Outer garments for female wear. 175,942; Nov. 13; Serial No. 173,339; published Aug. 28, 1923.
Simon, J., & Cie., Lyon and Paris, France. Toilet soaps. 177,505; Dec. 18; Serial No. 150,772; published Oct. 2, 1923.
Simon, Leo, doing business as Natchez Baking Company, Natchez, Miss. Fruit cake. 172,554; Sept. 11; Serial No. 169,987; published May 1, 1923.
Simon, M., & Son, New York, N. Y. Hats and caps commonly known as hockey caps. 169,270; June 12; Serial No. 152,385; published Mar. 20, 1923.
Simon, N., & Co., Chicago, Ill. Apron dresses. 174,174; Oct. 9; Serial No. 179,748; published July 17, 1923.
Simonds Saw and Steel Company, Fitchburg, Mass. Saws. 172,313–14; Aug. 28; Serial Nos. 175,957–8; published May 29, 1923.
Simonds Saw and Steel Company, Fitchburg, Mass. Saws. 172,316; Aug. 28; Serial No. 176,000; published May 29, 1923.
Simonin, Isaac M., doing business as C. F. Simonin's Sons, Philadelphia, Pa. Edible coconut-oil products. 167,343; May 1; Serial No. 163,009; published Jan. 30, 1923.
Simonin's, C. F., Sons. (See Simonin, Isaac M.)
Simons Bros. Company, Philadelphia, Pa. Thimbles of other than precious metals. 163,968; Feb. 6.
Simons, Sidney G., doing business as Southland Pecan Company, Columbus, Ga. Pecans. 169,024; May 29.
Simons & Struve Hosiery Co., The, Philadelphia, Pa. Hosiery. 166,685; Apr. 10; Serial No. 166,961; published Jan. 9, 1923.
Simonson, Wilmot H., Medford, Mass. Filling for puddings, pies, and layer cakes. 170,099; July 10; Serial No. 169,186; published Apr. 10, 1923.
Simplex Manufacturing Company, Inc., Conneautville, Pa. Truck bodies. 166,759; Apr. 10.
Simplicity Sales Company, Seattle, Wash. Loose-leaf books of accounting and packages of pages therefor. 173,744; Oct. 2; Serial No. 178,068; published June 19, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Simplo Füllfeder Gesellschaft Voss, Lausen & Dziambor, Hamburg, Germany. Toilet instruments—namely, instruments for applying liquids and the like to the hair or scalp. 164,386; Feb. 20.
Simpson, Dr. A. B. (See Cole, Eva J.)
Simpson, E. L., Montreal, Quebec, Canada. Gasoline engines, carburetors, and parts thereof. 164,112; Feb. 13.
Simpson, Tracy W., doing business as American Dishwashing Machine Company, Oakland, Calif. Dishwashing machines. 168,750; May 29; Serial No. 171,477; published Feb. 27, 1923.
Simpson, Wm., Sons & Co., Philadelphia, Pa. Cotton goods in the piece. 174,289; Oct. 9.
Simpson, Wm., Sons & Co., Philadelphia, Pa. Cotton goods in the piece. 175,457; Nov. 6; Serial No. 182,679; published Aug. 28, 1923.
Sims Milling Company, Frankfort, Ind. Cereal made from wheat. 176,592; Nov. 27; Serial No. 179,229; published Sept. 18, 1923.
Simson & Frey, Inc., New York, N. Y. Wooden reeds for use in clarinets and saxophones. 164,720; Feb. 27.
Simson & Frey, Inc., New York, N. Y. Strings for violins and similar musical instruments. 170,458; July 17; Serial No. 172,561; published Apr. 3, 1923.
Sinai, Samuel, doing business as Lining Importers & Converting Co., New York, N. Y. Silk, cotton, and wool piece goods and combinations thereof, etc. 165,737; Mar. 20; Serial No. 169,607; published Jan. 2, 1923.
Sinclair Refining Company. (See Hisgen Bros., assignor.)
Sinclair Refining Company, Chicago, Ill. Oils made from petroleum. 173,469; Sept. 25; Serial No. 180,503; published June 19, 1923.
Sindol Co. (See Schwarze, Carl A.)
Singer, Louis, doing business as L. S. Laboratories, New York, N. Y. Nail polishes, paste polish, nail white, etc. 177,192; Dec. 11; Serial No. 178,290; published Sept. 11, 1923.
Singer Manufacturing Company, The, Elizabeth, N. J., and New York, N. Y. Electric fans. 164,387; Feb. 20.
Singer Manufacturing Company, The, New York, N. Y., and Elizabeth, N. J. Electric motors and parts, controllers and parts thereof, electric lamps, etc. 175,840; Nov. 13; Serial No. 181,703; published Sept. 4, 1923.
Singh, Dayal, Chicago, Ill. Medicinal preparation. 176,905; Dec. 4.
Sin-O'Lor Chemical Company. (See Kerr, John W.)
Sioux Candy Company, Sioux City, Iowa. Candies. 163,398; Jan. 9.
Sipe, James B., & Co., Inc., Bridgeville, Pa. Plastic or semiplastic cement for protecting iron. 171,582; Aug. 7; Serial No. 175,218; published May 22, 1923.
Sipe, James B., & Company, Pittsburgh, Pa. Primer paint for metal surfaces. 174,283; Oct. 9; Serial No. 179,325; published July 3, 1923.
Sipe, James B., & Company, Pittsburgh, Pa. Paste paint. 174,284; Oct. 9; Serial No. 179,326; published July 3, 1923.
Sipe, James B., & Company, Pittsburgh, Pa. Paint oil to be added to paint. 174,285; Oct. 9; Serial No. 179,331; published July 3, 1923.
Sipp Novelty Co. Inc., New York, N. Y. Spinning tops. 171,116; July 31; Serial No. 175,029; published May 1, 1923.
Sire & Petersen Wrench Co., De Witt, Nebr. Wrenches. 175,602; Nov. 6; Serial No. 178,775; published Aug. 21, 1923.
Siren Mills Corporation, Chicago, Ill. Powder used in making chocolate sauces or sirups for food purposes. 174,521; Oct. 16; Serial No. 176,102; published July 24, 1923.
Sischo, Kittie F., San Monica, Calif. Dolls. 170,154; July 10; Serial No. 168,651; published Apr. 3, 1923.
Sisco Bros. Candy Co., Chicago, Ill. Candy. 172,823; Sept. 11; Serial No. 168,493; published Apr. 24, 1923.
Sisk, R. J., Company. (See Sisk, Robert J.)
Sisk, Robert J., doing business as R. J. Sisk Company, New London, Conn. Pigment linoleum cement. 164,438; Feb. 20.
Sisman, Morris, Philadelphia, Pa. Medicinal and pharmaceutical preparations for use as a laxative, etc. 163,170; Jan. 2.
Sit-Rit Laboratories, The, Chicago, Ill. Pile remedy. 164,676; Feb. 27.
Sitroux Importing Co., Inc., New York, N. Y. Hair nets. 175,445; Nov. 6; Serial No. 183,238; published Aug. 28, 1923.
Six In One Cereal Co., Hinckley, Ill. Cereal breakfast foods. 170,877; July 24; Serial No. 157,903; published Mar. 20, 1923.
Skeehan, Josephine G., San Francisco, Calif. Tonic, blood purifier, and rheumatism medicine. 169,583; June 26; Serial No. 158,651; published Feb. 27, 1923.
Skin Cura Co., Inc., The, Cody, Wyo. Ointment for the lips, sunburn, skin abrasions, and cold cream. 175,724; Nov. 6.
Skinner Machinery Company, Dunedin, Fla. Publication issued monthly. 171,865; Aug. 14; Serial No. 174,493; published May 15, 1923.
Sklarek, Albert. Co. Inc., New York, N. Y. Upholstered furniture. 175,111; Oct. 30; Serial No. 176,922; published Aug. 7, 1923.
Skookum Packers Association, Wenatchee, Wash. Fresh apples. 165,877; Mar. 20.
Skratch Manufacturing Co., Los Angeles, Calif. Ointment for itching scalp, itching eczema, seven-year itch, etc. 173,778; Oct. 2; Serial No. 175,744; published June 26, 1923.
Skylark Radio Company, The. (See Perry, Desjardins & Temple Co., assignor.)
Slands M'f'g Co., New York, N. Y. Sheepskin coats. 177,254; Dec. 11; Serial No. 183,636; published Sept. 25, 1923.
Slattery, E. T., Company, Boston, Mass. Women's, misses', and children's coats, cloaks, suits, skirts, waists, etc. 164,000; Feb. 6.
Slattery, Samuel C., Port Angeles, Wash. Insecticides. 169,912; July 3; Serial No. 170,408; published Mar. 6, 1923.
Slavonian Trading Corporation, New York, N. Y. Medicine to relieve rheumatism, cancer, and other internal ailments. 165,543; Mar. 13; Serial No. 160,438; published Nov. 7, 1922.
Sleeper Radio Corporation, New York, N. Y. Radio receiving sets and parts thereof. 177,625; Dec. 25; Serial No. 182,271; published Oct. 9, 1923.
Slenda Form Laboratories. (See Oppenheimer, Herbert.)
Sliding Valves, Incorporated, Jersey City, N. J. Metal valves for general use. 167,979; May 8.
Sloan, Dr. Earl S., Incorporated, Wilmington, Del., and New York, N. Y. Liniments. 167,295; Apr. 24.
Sloman, Ernest G., San Francisco, Calif. Card game. 173,936; Oct. 2; Serial No. 177,143; published July 17, 1923.
Slomon, Ira I., New York, N. Y. Glue products. 174,385; Oct. 16; Serial No. 171,555; published July 17, 1923.
Slyt Edge Company, Inc., New York, N. Y. Ladies' and misses' hats. 173,558; Sept. 25.
Smack Company, The. (See Tropical Fruit Juice Company.)
Smart, David, Chicago, Ill. Title of monthly magazine. 174,606; Oct. 23; Serial No. 177,112; published June 19, 1923.
Smidt, Edvard, Nybøllegaard, near Espe, Denmark. Export cream, condensed cream, and cheese. 167,405; May 1; Serial No. 165,464; published Jan. 30, 1923.
Smidt, Edvard, Nybollegaard, Denmark. Export cream, condensed milk, and cheese. 176,683; Nov. 27; Serial No. 169,458; published Aug. 7, 1923.
Smiley Company, The, Des Moines, Iowa. Medicine used in the treatment of diphtheria. 172,224; Aug. 28; Serial No. 174,342; published May 15, 1923.
Smillie, Charles F., & Co., New York, N. Y. Carbonate of soda, caustic soda, soda ash, bichromate of soda, etc. 163,171; Jan. 2.
Smilo, Daniel, New York, N. Y. Pearls, necklaces, bracelets, and earrings. 177,728; Dec. 25; Serial No. 176,578; published Oct. 9, 1923.
Smith, A. W., Shoe Company, Boston, Mass. Boots and shoes of leather, rubber, and fabric. 164,049; Feb. 13.
Smith, A. W., Shoe Company, Boston, Mass. Leather boots and shoes. 169,401; June 12; Serial No. 160,159; published Mar. 20, 1923.
Smith, Agnes J., Washington, D. C. Hair tonic. 163,536; Jan. 16.
Smith, Allen T., and George F. Case, Los Angeles, Calif. Monthly publication. 168,957; May 29; Serial No. 171,661; published Feb. 27, 1923.
Smith, Arthur G., doing business as The Spic Company, Chicago, Ill. Toilet powder. 174,871; Oct. 23; Serial No. 180,304; published July 31, 1923.
Smith, Basil L., System, Inc., The, Philadelphia, Pa. Completely-printed classified advertising forms and instruction sheets. 169,054; June 5; Serial No. 169,228; published Mar. 13, 1923.
Smith-Beal Fire Brick Co., Minneapolis, Minn. High-temperature cements. 176,721; Nov. 27; Serial No. 170,904; published Apr. 24, 1923.
Smith Bros. Manufacturing Company, Carthage, Mo. Men's suits, overcoats, trousers, and overalls. 164,146; Feb. 13.
Smith Bros. Manufacturing Company, Carthage, Mo. Overalls. 164,216; Feb. 13.
Smith Brothers, Inc., Poughkeepsie, N. Y. Cough drops. 172,522; Sept. 4; Serial No. 173,985; published May 15, 1923.
Smith, C. B., & Bro. (See Smith, Francis S.)
Smith, C. C., Gainesville, Ga. Playing cards. 163,450; Jan. 9.
Smith, Caleb, doing business as Seneca Knitting Co., Seneca Falls, N. Y. Woolen hunting socks. 163,624; Jan. 23.
Smith, Charles T., Company, Inc., New Bedford, Mass. Nonalcoholic, maltless beverages sold as soft drinks. 164,155; Feb. 13.
Smith, Charles T., Company, Inc., New Bedford, Mass. Beverages sold as soft drinks. 171,597; Aug. 7; Serial No. 176,223; published May 22, 1923.
Smith & Dove Mfg. Co., Andover, Mass. Linen thread. 163,172; Jan. 2.
Smith & Dove Manufacturing Co., Andover, Mass. Linen thread. 165,665; Mar. 20; Serial No. 166,857; published Jan. 2, 1923.
Smith & Dove Manufacturing Co., Andover, Mass. Cotton thread. 166,913; Apr. 17; Serial No. 167,059; published Jan. 23, 1923.

Smith & Dove Manufacturing Co., Andover, Mass. Cotton thread. 173,308; Sept. 18; Serial No. 179,230; published June 19, 1923.

Smith, De Calvus, Arkansas City, Kans. Remedy to prevent hemorrhages. 175,656; Nov. 6; Serial No. 181,417; published Aug. 20, 1923.

Smith, E. T., & Co., assignor to E. T. Smith Company, Worcester, Mass. Coffee. 22,433; renewed Feb. 7, 1923.

Smith, Edward & Company, Long Island City, N. Y. Varnishes. 171,219; July 31; Serial No. 177,629; published May 1, 1923.

Smith, Effie L., Corvallis, Oreg. Preparation for the treatment of cancer. 176,226; Nov. 20; Serial No. 177,203; published Aug. 7, 1923.

Smith, Elizabeth E., Chicago, Ill. Ointment for blood poison, piles, boils, cancer, etc. 165,496; Mar. 13; Serial No. 166,112; published Nov. 7, 1922.

Smith & Egge Manf'g. Co., The, Bridgeport, Conn. Sheet-metal chains. 171,090; July 31; Serial No. 173,447; published Apr. 24, 1923.

Smith & Egge Manf'g Co., The, Bridgeport, Conn. Sheet-metal chains. 171,774; Aug. 14; Serial No. 173,446; published May 15, 1923.

Smith & Egge Mfg. Co., The, Bridgeport, Conn. Nonferrous metals and their alloys. 176,467; Nov. 27; Serial No. 181,704; published Sept. 11, 1923.

Smith, Francis S., doing business as C. B. Smith & Bro., Boston, Mass. Coffee. 172,255; Aug. 28; Serial No. 153,480; published May 22, 1923.

Smith, G. B. R., Milling Company, Sherman, Tex. Self-rising wheat flour. 163,251; Jan. 2.

Smith, George S., doing business as Aspirin-Seltzer Co., New York, N. Y. Preparation for the treatment of headache, neuralgia, colds, grippe, and rheumatism. 169,117; June 5.

Smith, George W., Co. (See Treat, Clifford W.)

Smith, Gordon, Mobile, Ala. Bread. 175,722; Nov. 6.

Smith, H. Bridgman, Company, Brooklyn, N. Y. Cloth and bolt boards, fabric winders, etc. 169,538; June 19; Serial No. 169,277; published Mar. 20, 1923.

Smith, H. D., & Company, The, Plantsville, Conn. Screw drivers. 168,967; May 29; Serial No. 170,903; published Mar. 6, 1923.

Smith & Hemmenway Company, New York, N. Y., and Irvington, N. J. Augers, automobile tire irons, awls, axes, etc. 169,874; July 3; Serial No. 125,806; published Nov. 9, 1920.

Smith & Hofsess, El Dorado, Kans. Bread. 173,499; Sept. 25; Serial No. 175,682; published June 19, 1923.

Smith, Hogg & Co., New York, N. Y. Cotton piece goods. 172,905; Sept. 11; Serial No. 176,224; published June 26, 1923.

Smith, J. Allen, & Company, Knoxville, Tenn. Stock feed. 171,011; July 31; Serial No. 169,089; published Mar. 27, 1923.

Smith, J. Allen, & Co., Knoxville, Tenn. Self-rising flour. 173,491; Sept. 25; Serial No. 175,527; published June 19, 1923.

Smith, J. Allen, & Company, Knoxville, Tenn. Plain and self-rising flour. 175,686; Nov. 6.

Smith, J. Elmer, doing business as Claresa Chemical Works, Irwin, Pa. Metal and working board polishes, tile, and marble cleaner and soap chips. 169,793; July 3; Serial No. 169,036; published Mar. 27, 1923.

Smith, J. Elmer, doing business as Claresa Chemical Works, Irwin, Pa. Furniture polish. 170,319; July 10; Serial No. 175,529; published Apr. 3, 1923.

Smith, J. Elmer, doing business as Claresa Chemical Works, Irwin, Pa. Rust removers, rouge, face powder, etc. 177,676; Dec. 25; Serial No. 175,528; published Oct. 9, 1923.

Smith, James R., Dayton, Ohio. Hair restorer. 169,802; July 3; Serial No. 168,652; published Mar. 13, 1923.

Smith, Joshua G., St. Paul, Minn. Chocolates wrapped in colored metal foil. 171,386; Aug. 7; Serial No. 141,193; published May 8, 1923.

Smith, Joseph I., doing business as Smith Bedding Company, Ogden, Utah. Bed springs and mattresses. 176,891; Dec. 4.

Smith & Kanzler, Elizabeth, N. J. Asbestos cement. 175,162; Oct. 30; Serial No. 181,047; published Aug. 7, 1923.

Smith, Karam, Co., Fort Wayne, Ind. Chemical remover for iron rust, mildew, fruit, and medicine stains. 163,100; Jan. 2.

Smith-Kirk Candy Co., The, Toledo, Ohio. Candy—namely, chocolate coated and solid-chocolate pieces, etc. 164,982; Feb. 27.

Smith-Kirk Candy Co., The, Toledo, Ohio. Candy. 165,853; Mar. 20; Serial No. 151,852; published Jan. 2, 1923.

Smith-Kirk Candy Co., The, Toledo, Ohio. Candy. 166,540; Apr. 10; Serial No. 158,901; published Dec. 12, 1922.

Smith, Kline & French Co., Philadelphia, Pa. Hard and soft candies and chocolates. 163,399; Jan. 9.

Smith, Kline & French Co., Philadelphia, Pa. Talcum powder. 167,499; May 1; Serial No. 136,571; published Jan. 23, 1923.

Smith, Kline & French Co., Philadelphia, Pa. Bathing alcohol for external use. 167,737; May 8; Serial No. 168,735; published Jan. 2, 1923.

Smith, Kline & French Co., Philadelphia, Pa. Whisky. 172,178; Aug. 21.

Smith, Kline & French Co., Philadelphia, Pa. Acetylsalicylic acid. 172,959; Sept. 11; Serial No. 175,168; published May 29, 1923.

Smith, Lee S., & Son Manufacturing Company, Pittsburgh, Pa. Device for demonstrating to patients the character of dental operations prior to performing the same. 165,145; Mar. 6; Serial No. 148,403; published Dec. 12, 1922.

Smith Long Laboratories. (See Long, C. Smith.)

Smith, M. E., & Co. Inc., Omaha, Nebr. Children's suits of washable materials. 168,067; May 15; Serial No. 164,835; published Nov. 28, 1922.

Smith, M. E., & Co., Inc., Omaha, Nebr. Women's shirts. 173,335; Nov. 6; Serial No. 173,986; published Aug. 14, 1923.

Smith Mfg. Co., Utica, N. Y. Insecticides. 167,592; May 1; Serial No. 169,786; published Jan. 9, 1923.

Smith, Noel, doing business as Miami Optical Co., Miami, Fla. Lenses, eyeglasses, and spectacles. 174,198; Oct. 9; Serial No. 180,815; published July 10, 1923.

Smith Oil & Refining Company, Rockford, Ill. Cutting oil. 174,231; Oct. 9; Serial No. 180,629; published July 10, 1923.

Smith Oil & Refining Company, Rockford, Ill. Lubricating oils and greases. 174,807; Oct. 23; Serial No. 180,628; published July 10, 1923.

Smith Oil & Refining Company, Rockford, Ill. Cleaner and polish for automobiles, furniture, etc. 175,127; Oct. 30; Serial No. 180,627; published Aug. 14, 1923.

Smith Oil & Refining Company, Rockford, Ill. Core oil. 177,186; Dec. 11; Serial No. 180,626; published Aug. 7, 1923.

Smith, Paulding, Philadelphia, Pa. Leather heel protectors. 170,359; July 10.

Smith, Pete, & Son, Cornucopia, Oreg. Medicine used in treatment of rheumatism. 164,502; Feb. 20.

Smith, Phoebe, Detroit, Mich. Lamp shades. 172,655; Sept. 11; Serial No. 174,980; published June 5, 1923.

Smith, R. Blackwell, doing business as The Tonsone Co., Petersburg, Va. Preparation for use in treating tonsillitis, sore throat, etc. 177,323; Dec. 18; Serial No. 179,334; published Sept. 25, 1923.

Smith, Russell O. L., doing business as Dentaid Products Co., Buffalo, N. Y. Paste for holding dental plates in position. 166,473; Apr. 3; Serial No. 167,693; published Jan. 9, 1923.

Smith, S. R., Company, Incorporated, Grantham, Pa. Spaghetti and macaroni. 165,243; Mar. 6.

Smith, S., & Sons, (M. A.) Ltd., London, England. Motor, aeroplane, and cycle accessories comprising dynamos, electric starters, and electric lamps. 166,128; Mar. 27; Serial No. 134,393; published Dec. 19, 1922.

Smith Tablet Company, Inc., Holyoke, Mass. Writing paper, mailing envelopes, tablets, etc. 169,365; June 12; Serial No. 175,219; published Mar. 27, 1923.

Smith, Thomas S., Chicago, Ill. Fresh deciduous fruits and vegetables. 170,529; July 17; Serial No. 174,038; published Apr. 24, 1923.

Smith, W. C., Glove Co. Inc., Gloversville, N. Y. Gloves and mittens. 168,309; May 15.

Smith, William R., doing business as Femigloria Laboratories, New York, N. Y. Face powders, face creams, perfumes, toilet waters, rouges, hair tonics, etc. 164,459; Feb. 20.

Smith, William R., doing business as Femigloria Laboratories, New York, N. Y. Nail creams, rouges, powders, and polishes. 167,428; May 1; Serial No. 164,969; published Oct. 10, 1922.

Smith & Wyman Co., Minneapolis, Minn. Manufactured lumber known as millwood. 171,674; Aug. 7.

Smith-Yingling Company, Westminster, Md. Canned vegetables. 165,821–2; Mar. 20; Serial No. 165,607–8; published Jan. 2, 1923.

Smith-Yingling Company, Westminster, Md. Canned vegetables. 166,419; Apr. 3; Serial No. 165,091; published Jan. 9, 1923.

Smith-Yingling Company, Westminster, Md. Canned vegetables. 166,425; Apr. 3; Serial No. 164,779; published Jan. 9, 1923.

Smith-Yingling Company, Westminster, Md. Canned vegetables. 168,365; May 22; Serial No. 164,780; published Feb. 27, 1923.

Smithe, F. L., Machine Company, Incorporated, New York, N. Y. Wrenches. 166,679; Apr. 10; Serial No. 170,098; published Jan. 9, 1923.

Smithfield Company, Inc., The, Smithfield, Va. Raw and cooked hams. 175,822; Nov. 13; Serial No. 162,216; published Aug. 28, 1923.

Smithfield's Pure Food Company, Rochester, N. Y. Canned fruits and vegetables, jams, etc. 167,955; May 8.

Smokador Co., The, San Francisco, Calif. Ash receivers made of nonprecious metals. 165,697; Mar. 20; Serial No. 169,932; published Dec. 26, 1922.

Smolinsky, Phillip, doing business as Parkview Pharmacy, Kansas City, Mo. Ice cream. 169,812; July 3; Serial No. 166,725; published Apr. 3, 1923.

Smoot-Holman Co., Los Angeles, Calif. Porcelain-enamel kitchen and restaurant equipment. 164,390; Feb. 20.

Alphabetical list of registrants of trade-marks—Continued.

Smucker, Milton C., Chicago, Ill. Tablets for the relief of headache, neuralgia, colds, rheumatism, etc. 175,611; Nov. 6; Serial No. 180,900; published Aug. 28, 1923.

Smuckler, K., doing business as French Mfg. Co., Los Angeles, Calif. Automobile and piano polish. 174,256; Oct. 9; Serial No. 173,939; published July 3, 1923.

Snap-On Wrench Company, Milwaukee, Wis. Screw drivers. 174,798; Oct. 23; Serial No. 180,776; published July 31, 1923.

Snapp Bottling Co., Inc., St. Louis, Mo. Beverages sold as a soft drink. 177,842; Dec. 25.

Snappee Co. (See Feinberg, David, Company.)

Snappy Sales Co., St. Louis, Mo. Supports for telephone cords, electric-iron cords, etc. 170,022; July 10; Serial No. 173,539; published Apr. 3, 1923.

Snell & Atherton, Inc., Brockton, Mass. Nippers. 174,815; Oct. 23; Serial No. 180,901; published July 31, 1923.

Snia Società di Navigazione Industria e Commercio Reparto Viscosa, Turin, Italy. Artificial-silk threads. 164,960; Feb. 27.

Sniff-Bang Company, The. (See Blakeney, John G.)

Snorain Company, The, Oak Park, Ill. Washing fluid. 165,095; Mar. 6; Serial No. 162,269; published Dec. 12, 1922.

Snow Cake Mfg. Co. (See Muscente, Fausto A.)

Snow Cloud Ammonia Company, Boston, Mass. Ammonia. 173,777; Oct. 2; Serial No. 175,683; published June 26, 1923.

Snow, Jack D., New York, N. Y. Stylographic pens. 167,661; May 8; Serial No. 168,005; published Feb. 20, 1923.

Snow, Livingston, doing business as Livingston Snow Company, Quitman, Ga. Peanut butter. 174,527; Oct. 16; Serial No. 177,877; published July 24, 1923.

Snyder, Harry, doing business as Harry Snyder & Company, Chicago, Ill. Live and dressed poultry, butter, eggs. 177,010; Dec. 11; Serial No. 159,625; published Sept. 18, 1923.

Snyder's, Mrs., Whipped Cream Chocolates, Inc., Chicago, Ill. Candy. 176,810; Nov. 27.

Soap Manufacturing Company, Jacksonville, Fla. Soap. 168,913; May 29; Serial No. 156,026; published Mar. 13, 1923.

Soap Salt Company, The, Tarentum, Pa. Powdered cleanser for general household purposes with water-softening properties. 177,785; Dec. 25.

Sobrinos de R. Abad Santonja, Alcoy, Spain. Cigarette paper. 168,707; May 29; Serial No. 151,334; published Mar. 13, 1923.

Soc. An. Fsco. Cinzano & Cia., Turin, Italy. Wines. 177,318; Dec. 18; Serial No. 180,246; published Oct. 2, 1923.

Soc. An. Fsco. Cinzano & Cia., Turin, Italy. Absinthe, brandy, gin, rum, etc. 177,319; Dec. 18; Serial No. 180,247; published Oct. 2, 1923.

Sociedad Anonima Financiera y Comercial Fuhrmann Limitada, Buenos Aires, Argentina. Wool. 173,134; Sept. 18; Serial No. 178,633; published June 19, 1923.

Societa Anonima Edoardo Bianchi, Milan, Italy. Automobiles. 168,611; May 29; Serial No. 168,907; published Jan. 30, 1923.

Societa Italiana di Fonotipia, Milan, Italy. Talking machines and talking-machine records. 172,860; Sept. 11; Serial No. 170,045; published June 5, 1923.

Societa, Prodotti Nazionali (National Products Co.). Los Angeles, Calif. Malt extract. 165,751; Mar. 20; Serial No. 171,041; published Dec. [illegible], 1922.

Societe Anonyme Dentifrices Bi-[illegible]xyne, Paris, France. Dentifrices and products used for the hygiene of the mouth. 177,229; Dec. 11; Serial No. 181,705; published Sept. 18, 1923.

Societe Anonyme de Ricqles, successor. (See de Ricqles, E., et Cie.)

Societe Anonyme des Anciens Etablissments Braunstein Freres. Paris, France. Cigarette paper. 164,803; Feb. 27.

Société Anonyme des Etablissements Justin Dupont, Argenteuil, France, assignor to Justin Dupont, Inc., New York, N. Y. Synthetic oils and aromatic chemicals used in the production of perfumes. 163,173; Jan. 2.

Société Anonyme des Etablissements Justin Dupont, doing business as Justin Dupont, Argenteuil, France, assignors to Justin Dupont, Inc., New York, N. Y. Synthetic vanilla. 164,122; Feb. 13.

Société Anonyme des Elevateurs de Liquides "Chaine-Helice" Bessonnet-Favre, Chatellerault, France. Conveyer chains for liquids. 175,330; Nov. 6; Serial No. 180,305; published Aug. 14, 1923.

Société Anonyme des Laboratoires Innoxa, Paris, France. Toilet powder, cold cream, eau de Cologne, etc. 175,655; Nov. 6; Serial No. 181,353; published Aug. 14, 1923.

Société Anonyme des Produits Chimiques de l'Isle Saint-Denis, l'Isle-Saint-Denis, France. Pharmaceutical products for the treatment of tuberculosis. 166,181; Mar. 27; Serial No. 166,580; published Dec. 5, 1922.

Societe Anonyme Fabriques de Produits de Chimie Organique de Laire, Issy, France. Teas and coffees and tea and coffee extracts and substitutes. 175,372; Nov. 6; Serial No. 174,269; published Aug. 14, 1923.

Societe Anonyme la Biotherapie, (Societe Anonyme de Produits Chimiques Biologiques et d'Hygiene), Paris, France. Dentifrices. 169,756; July 3; Serial No. 171,289; published Mar. 27, 1923.

Societe Anonyme la Biotherapie (Societe Anonyme de Produits Chimiques Biologiques et d'Hygiene), Paris, France. Antiseptic and prophylactic tablets for the remedy and prevention of diseases. 170,249; July 10; Serial No. 171,290; published Mar. 27, 1923.

Societe Anonyme Parfumerie Violet, Paris, France. Perfumes, toilet waters, face, talcum, and sachet powders, etc. 168,437; May 22; Serial No. 171,042; published Feb. 20, 1923.

Societe Anonyme Parfumerie Violet, Paris, France. Perfumes, toilet waters, face powders, etc. 170,985; July 24.

Societe Anonyme Parfumerie Violet, Paris, France. Perfumes, toilet waters, face, talcum, and sachet powders, etc. 174,484; Oct. 16; Serial No. 178,144; published July 17, 1923.

Societe Anonyme pour l'Expansion des Marques de Fabrique et de Commerce, Courbevoie, France. Preparation for syphilis, tabes, and general paralysis. 177,243; Dec. 11; Serial No. 181,355; published Sept. 18, 1923.

Société Chimique de l'Escaut, Hemixem, Antwerp, Belgium. Gelatin and ossein. 168,716; May 29; Serial No. 163,005; published Mar. 13, 1923.

Société des Peintures Economiques "Fixalo," Marseille, France. Water-color paints. 166,357; Apr. 3; Serial No. 149,149; published Jan. 9, 1923.

Societe des Produits Chimiques Coignet, Paris, France Gelatin. 167,845; May 8; Serial No. 165,097; published Feb. 6, 1923.

Societe Des Produits Chimiques de L'Isle Saint-Denis, Saint-Denis, Seine, France. Preparations for the treatment of tuberculosis. 168,169; May 15; Serial No. 166,579; published Feb. 13, 1923.

Societe des Produits Chimiques Speciaux Brevets Lumiere, Lyon, France. Medicine used as a calmant in antispasmodic. 169,860; July 3; Serial No. 171,821; published Mar. 20, 1923.

Societe en Commandite Maurice Frings & Cie., Paris, France. Cotton thread. 171,558; Aug. 7; Serial No. 177,573; published May 8, 1923.

Societe Generale de Soie Artificielle par le Procede Viscose, Brussels, Belgium. Artificial-silk thread. 175,411; Nov. 6; Serial No. 164,348; published Aug. 21, 1923.

Société Marcel Bassot & Co., Paris, France. Nonferrous pipes for power water-inlet piping. 166,793; Apr. 17; Serial No. 156,758; published Jan. 16, 1923.

Société P. & A. Picard, Paris, France. Cremorne and espagnolette bolts, locks and bolts, steel mortise and rim locks, etc. 171,766; Aug. 14; Serial No. 158,583; published May 1, 1923.

Société P. and A. Picard, Paris, France. Knobs, handles, and finger plates for doors. 173,097; Sept. 18; Serial No. 177,144; published June 12, 1923.

Société Rodier, Paris, France. Piece goods of silk, cotton, and wool and mixtures. 174,084; Oct. 2; Serial No. 180,506; published July 10, 1923.

Société Rodier, Paris, France. Piece goods of silk, cotton, and wool and mixtures. 174,085; Oct. 2; Serial No. 180,504; published July 10, 1923.

Societe Rodier, Paris, France. Piece goods of silk, cotton, and wool and mixtures of same. 175,542; Nov. 6; Serial No. 180,505; published Aug. 28, 1923.

Societe Vinicole de Champagne, Paris, France. Champagne wines and other sparkling wines. 166,853; Apr. 17; Serial No. 165,212; published Jan. 30, 1923

Societe Vinicole De Champagne, Paris, France. Champagne wine. 172,400; Aug. 28; Serial No. 165,214; published May 29, 1923.

Societe Vinicole de Champagne, Paris, France. Champagne wine. 175,387; Nov. 6; Serial No. 165,213; published Aug. 28, 1923.

Societe Vinicole de Champagne, Paris, France. Champagne wine. 177,417; Dec. 18; Serial No. 165,215; published Oct. 2, 1923.

Societe Vinicole de Champagne, Paris, France. Champagne wine. 177,419; Dec. 18; Serial No. 165,211; published Aug. 14, 1923.

Société Worth. (See Worth, Jean C.)

Societeit voor Chemische Industrie "Katwijk" Katwijk aan Zee, Netherlands. Caffeine, theobromine, and formaldehyde preparations. 176,351; Nov. 20.

Society Club Beverage Corporation, Newark, N. J. Beverages sold as soft drinks and sirups for making the same. 170,051; July 10; Serial No. 175,411; published Apr. 17, 1923.

Society of Chemical Industry in Basle, Basel, Switzerland. Coal-tar colors. 163,174; Jan. 2.

Sodiphene Company, The, Kansas City, Mo. Antiseptic germicide. 168,312; May 15.

Soiloff Company, The. (See Scholl, Wesley L.)

Solar Illuminating Co., Chicago, Ill. Electric lighting fixtures. 164,291; Feb. 20.

Solax Drug Company, Inc., Philadelphia, Pa. Vegetable laxative tablets. 176,324; Nov. 20; Serial No. 180,455; published Sept. 4, 1923.

Soldiers Bonus Products Co. (See Reynolds, James R.)
Solomia (1922), Limited, London, England. Insecticide. 172,225; Aug. 28; Serial No. 174,343; published May 15, 1923.
Solomon Mfg. Co., St. Louis, Mo. Sport and outing dresses and suits. 164,080; Feb. 13.
Solomon Mfg. Co., St. Louis, Mo. Knickerbockers for men, women, and children. 166,705; Apr. 10; Serial No. 167,331; published Dec. 12, 1922.
Solomon Mfg. Co., St. Louis, Mo. Sport and outing dresses and suits. 177,402; Dec. 18; Serial No. 178,006; published Oct. 2, 1923.
Solomon Mfg. Co., St. Louis, Mo. Women's wearing apparel commonly known as knickerbockers. 177,517; Dec. 18; Serial No. 167,333; published Sept. 11, 1923.
Solomon Mfg. Co., St. Louis, Mo. Children's, misses', and women's wearing apparel. 177,520; Dec. 18; Serial No. 167,663; published Sept. 4, 1923.
Solomon, Morris, doing business as Federal Mercantile Company, New York, N. Y. Hosiery, underwear, and sweaters. 169,319; June 12; Serial No. 170,099; published Mar. 20, 1923.
Solon Palmer, New York, N. Y. Perfume, toilet water, and complexion powder. 172,714; Sept. 11; Serial No. 175,368; published May 22, 1923.
Solt, James E., South Williamsport, Pa. Preparation for treatment of rheumatism and lumbago and ointment for treatment of eruptions of the skin, burns, etc. 165,730; Mar. 20; Serial No. 169,188; published Nov. 28, 1922.
Solvay Process Company, The, Solvay, N. Y. Sesquicarbonate of soda. 168,395; May 22; Serial No. 171,768; published Feb. 20, 1923.
Solvine Chemical Company. (See Binkert, Damon A.)
Solvos Company, The. (See Shoninger, Sol H.)
Somersville Manufacturing Co., Somersville, Conn. Woolen fabrics. 168,303; May 15.
Somish Laboratories, The. (See Brady, Peter H.)
Sommer & Runge, Berlin, Germany. Laboratory apparatus for investigating oils and fats, parts of such apparatus, consistency meters, etc. 173,424; Sept. 25; Serial No. 157,336; published June 26, 1923.
Sonneborn, Henry, & Co., Inc., Baltimore, Md. Shoes of leather, fabric, and combinations of leather and fabric. 163,175; Jan. 2.
Sonneborn, L., Sons Inc., New York, N. Y. Paint enamels and undercoatings for same. 166,040; Mar. 27; Serial No. 167,787; published Nov. 14, 1922.
Sonnenschein, J., Hop Company, Inc., New York, N. Y. Hops. 167,400; May 1; Serial No. 166,514; published Dec. 19, 1922.
Sonnenschein, J., Hop Company, Inc., New York, N. Y. Hops. 170,545; July 17; Serial No. 173,149; published Apr. 24, 1923.
Sonnenschein, J., Hop Company, Inc., New York, N. Y. Hops. 174,390; Oct. 16; Serial No. 173,148; published Juy 17, 1923.
Sonora, Inc., New York, N. Y. Talking machines and phonographs. 171,276; July 31.
Sopura Soap Products, Inc., The, New Rochelle, N. Y. Laundry and toilet soaps. 167,761; May 8; Serial No. 170,343; published Jan. 30, 1923.
Sorbo Rubber-Sponge Products, Ltd., Woking, England. Goods manufactured from india rubber and gutta percha. 165,952. Mar. 27; Serial No. 137,551; published Dec. 12, 1922.
Sorrick-Caylor Company, The, Dalton, Ga. Bedspreads. 176,059; Nov. 13; Serial No. 182,366; published Sept. 4, 1923.
Sotham, Thomas F. B., St. Clair, Mich. Mincemeat. 170,444; July 17; Serial No. 172,126; published Apr. 10, 1923.
South Bend Spark Arrester Co., The, South Bend, Ind. Spark arresters. 175,085; Oct. 30; Serial No. 167,900; published Aug. 14, 1923.
South Bend Wholesale Grocery Company, South Bend, Ind. Canned fruits, pickles, tomato catchup, vinegar, etc. 172,191; Aug. 21.
South Bend Wholesale Grocery Company, South Bend, Ind. Canned corn, peas, beans, succotash, etc. 175,506; Sept. 25; Serial No. 175,814; published June 19, 1923.
South Chicago Wholesale Grocery and Produce Company, Inc., South Chicago, Ill. Canned fruits, vegetables, and fish. 177,389; Dec. 18; Serial No. 181,784; published Oct. 9, 1923.
South Georgia Produce Company, Vidalia, Ga. Wheat flour. 165,308; Mar. 6; Serial No. 161,582; published Nov. 28, 1922.
South Georgia Produce Company, Vidalia, Ga. Wheat and self-rising flour. 165,980; Mar. 27; Serial No. 161,581; published Nov. 28, 1922.
South Georgia Produce Company, Vidalia, Ga. Self-rising flour. 175,428–9; Nov. 6; Serial Nos. 171,966–7; published Mar. 20, 1923.
South Jersey Farmers Exchange, Woodstown, N. J. Potatoes and dairy feeds. 167,185; Apr. 24; Serial No. 162,960; published Jan. 2, 1923.
South Side Drug Co. (See Waldow, Benjamin.)
Southard, Thos., Poultry Supply Co., Kansas City, Mo. Remedy for colds, roup, canker, cholera, etc., diseases in poultry. 169,980; July 10; Serial No. 167,337; published Apr. 10, 1923.
Southern Beverage Company, Galveston, Tex. Flavoring extract for food purposes only. 168,704; May 29; Serial No. 163,949; published Mar. 6, 1923.
Southern California Cosmetic Mfg. Co. (See Cromwell, Robert H.)
Southern California Dry Goods Company, Gloversville, N. Y. Men's dress, negligee, and work shirts, nightshirts and pyjamas, hosiery, etc. 175,036; Oct. 30; Serial No. 178,634; published Aug. 7, 1923.
Southern Clothing Company Inc., Petersburg, Va. Men's outer clothing consisting of suits and overcoats. 166,686; Apr. 10; Serial No. 167,026; published Jan. 9, 1923.
Southern Coal & Coke Co., The, Cincinnati, Ohio. Coal. 167,599; May 1; Serial No. 169,653–4; published Jan. 9, 1923.
Southern Coal & Coke Co., The, Cincinnati, Ohio. Coal. 167,748; May 8; Serial No. 169,656; published Dec. 19, 1922.
Southern Coal & Coke Co., Cincinnati, Ohio. Coal. 168,689; May 29; Serial No. 169,653; published Feb. 13, 1923.
Southern Coal & Coke Co., The, Cincinnati, Ohio. Coal. 168,690; May 29; Serial No. 169,655; published Feb. 13, 1923.
Southern Commercial Co., Durham, N. C. Hair nets. 163,400; Jan. 9.
Southern Commercial Company, doing business as Parks-Belk Company, Durham, N. C. Hair nets. 172,916; Sept. 11; Serial No. 178,364; published May 29, 1923.
Southern Cotton Mills Agency, Inc., Baltimore, Md. Seamless bags. 175,249; Oct. 30.
Southern Cotton Oil Company, The, Jersey City, N. J.; New York, N. Y.; New Orleans, La.; Savannah, Ga.; and Chicago, Ill. Shortening or fat. 167,017; Apr. 24; Serial No. 162,215; published Jan. 30, 1923.
Southern Cotton Oil Company, Jersey City and Bayonne, N. J.; New York, N. Y.; Gretna, La., and Savannah, Ga. Prepared fatty oleaginous or unctuous food substances. 168,645; May 29; Serial No. 165,605; published Feb. 27, 1923.
Southern Cotton Oil Company, The, Jersey City and Bayonne, N. J.; New York, N. Y.; Gretna, La.; Savannah, Ga.; and Chicago, Ill. Lard substitute and shortening. 169,222; June 12; Serial No. 158,062; published Mar. 20, 1923.
Southern Fruit Julep Co., Fort Worth, Tex. Beverage sold as a soft drink and sirup for making same. 166,750; Apr. 10.
Southern Fruit Julep Co., Fort Worth, Tex. Beverage sold as a soft drink and a sirup used for making same. 171,921–5; Aug. 14.
Southern Gem Coal Corporation, Chicago, Ill. Coal molded and pressed into briquettes. 167,695; May 8; Serial No. 167,832; published Feb. 20, 1923.
Southern Laboratories, Inc., Atlanta, Ga. Liquid tonic. 169,750; July 3; Serial No. 172,064; published Mar. 27, 1923.
Southern Manufacturing Co. (See Cole, Clifford E.)
Southern Minnesota Oil Company, Fairmont, Minn. Motor oils. 165,186; Mar. 6; Serial No. 168,561; published Dec. 12, 1922.
Southern Minnesota Oil Company, Fairmont, Minn. Gasoline. 165,185; Mar. 6; Serial No. 168,562; published Dec. 12, 1922.
Southern Oil & Feed Mills, Inc., Petersburg, Va. Livestock feed. 167,959; May 8.
Southern Oil & Feed Mills Inc., Petersburg, Va. Poultry feed. 170,996; July 24.
Southern Saw Works, Atlanta, Ga. Saws. 171,763; Aug. 14; Serial No. 159,538; published May 1, 1923.
Southern Specialty Company, Thomasville, Ga. Insecticide. 174,397–8; Oct. 16; Serial Nos. 178,292–3; published July 10, 1923.
Southern Specialty Company, Thomasville, Ga. Insecticide. 175,380; Nov. 6; Serial No. 180,902; published Aug. 14, 1923.
Southern Spring Bed Company, Atlanta, Ga. Spring beds, mattresses, cots, and metal bedsteads. 170,559; July 17; Serial No. 173,859; published Apr. 24, 1923.
Southern Sweet Potato Exchange. (See Brownlee, Joseph P.)
Southern Textile Machinery Co., Manufacturers, Dallas, Tex. Neckties. 171,662; Aug. 7.
Southland Pecan Company. (See Simons, Sidney G.)
Southwark Beverage & Products Co. (See Graf, William.)
Southwest Georgia Watermelon Growers' Association, Adel, Ga. Watermelons in their natural state. 166,427; Apr. 3; Serial No. 164,673; published Jan. 9, 1923.
Southwestern Milling Company, Inc., The, New York, N. Y. Wheat flour. 176,617; Nov. 27; Serial No. 174,597; published July 31, 1923.
Southwestern Milling Company, Inc., The, New York, N. Y. Wheat flour. 176,880–2; Dec. 4; Serial Nos. 181,461–3; published Sept. 25, 1923.
Southwestern Milling Company Inc., New York, N. Y. Wheat flour. 177,114–16; Dec. 11; Serial Nos. 181,458–60; published Sept. 25, 1923.
Southwestern Paint and Varnish Co., Kansas City, Mo. Mixed paints, varnishes, paint enamels, stains, fillers, and colors in oil. 164,401; Feb. 20.

Alphabetical list of registrants of trade-marks—Continued.

Southworth, George J., Medicine Lodge, Kans. Skin cream. 167,503; May 1; Serial No. 166,480; published Dec. 26, 1922.
Southworth, W. P., doing business as Calso Honey Distributors, Sioux City, Iowa. Honey. 163,401; Jan. 9.
Sox Savor Company. (See Pruzan, Walter E.)
Spa Knitting Co. Inc., Ballston Spa, N. Y. Sport goods. 175,152; Oct. 30; Serial No. 180,816; published Aug. 7, 1923.
Spake, John P., doing business as The Hair-O Laboratories Co., Atlanta, Ga. Preparation for treating scalp diseases and stimulating the growth of hair. 167,458; May 1; Serial No. 167,585; published Jan. 9, 1923.
Spalding, A. G., & Bros., New York, N. Y. Skates. 163,402; Jan. 9.
Spalding, A. G., & Bros., New York, N. Y. Tennis-racket strings. 169,189; June 12; Serial No. 173,541; published Mar. 20, 1923.
Spangenberg & Co., Chicago, Ill. Eggs. 176,685; Nov. 27; Serial No. 168,494; published July 31, 1923.
Spangler Candy Co., Bryan, Ohio. Candy. 173,507; Sept. 25; Serial No. 175,815; published June 26, 1923.
Spatz & Spannuth, Inc., Reading, Pa. Men's women's, and children's hose. 164,730; Feb. 27.
Spaulding-Moss Company, Boston, Mass. Drawing instruments and accessories, surveyors' instruments. 176,465; Nov. 27; Serial No. 175,890; published Sept. 18, 1923.
Spayde, Harry E., and Edward B. Raup, Sunbury, Pa. Medicine for disorders of the digestive tract. 177,726; Dec. 25; Serial No. 176,923; published Oct. 9, 1923.
Spear & Susskind, Providence, R. I. Vest chains, lapel or coat chains, key chains, bracelet chains, etc. 172,886; Sept. 11; Serial No. 175,818; published May 29, 1923.
Spears & Riddle Co., Wheeling, W. Va. Gasoline and lubricating oils. 175,967; Nov. 13; Serial No. 174,756; published Sept. 4, 1923.
Specialists Supply Company. (See Barton, Charles.)
Specialty Sales Company, Sioux Falls, S. Dak. Liquid and paste soaps. 164,038; Feb. 6.
Specialty Soda Water Bottling Company, Garfield, N. J. Beverage sold as a soft drink. 168,971; May 29; Serial No. 170,499; published Mar. 13, 1923.
Spector & Son Piano Co. Inc., The, New York, N. Y. Grand and upright pianos, player and electrically-operated pianos. 167,755; May 8; Serial No. 170,602; published Feb. 6, 1923.
Spectrochrome Institute Incorporated, Camden, N. J., and Philadelphia, Pa. Apparatus for the treatment of diseases by spectrochrome therapy. 163,761–2; Jan. 23.
Spectro-Chrome Institute Incorporated, Camden, N. J., and Philadelphia, Pa. Apparatus for the treatment of diseases by spectrochrome therapy. 169,554: June 19.
Spee De Polish Co., Saginaw, Mich. Polish for furniture and the like. 166,213; Mar. 27; Serial No. 169,090; published Dec. 19, 1922.
Speidel, Fr., Pforzheim, Germany, and Providence, R. I. Chains for personal wear, fobs, pendants, bracelets, brooches, etc. 165,360; Mar. 6; Serial No. 167,271; published Nov. 14, 1922.
Speidel, Fr., Pforzheim, Germany, and Providence, R. I. Chains, fobs, pendants, bracelets, etc. 171,999; Aug. 21; Serial No. 167,494; published Jan. 2, 1923.
Speidel, Fr., Pforzheim, Germany, and Providence, R. I. Chains, fobs, pendants, bracelets, etc. 175,875; Nov. 13; Serial No. 179,285; published Aug. 7, 1923.
Speidel, Fr., Pforzheim, Germany, and Providence, R. I. Chains, fobs, pendants, bracelets, etc. 175,903; Nov. 13; Serial No. 177,703; published Aug. 7, 1923.
Spencer, George, Moulton & Co. Ltd., Westminster, London, England. Rubber tires and inner tubes. 170,593; July 17; Serial No. 151,299; published Apr. 24, 1923.
Spencer, George C., doing business as Spencer Perfume Company, South Bend, Ind. Face powders and creams, perfumes, etc. 175,572; Nov. 6; Serial No. 180,989; published Aug. 21, 1923.
Spencer, George C., doing business as Spencer Perfume Company, South Bend, Ind. Toilet waters. 176,925; Dec. 4.
Spencer Kellogg & Sons, Inc., Buffalo, N. Y. Oil meal. 167,208; Apr. 24; Serial No. 165,138; published Dec. 19, 1922.
Spencer, Lane H., New York, N. Y. Metal tankards and trays of base metal. 167,225; Apr. 24; Serial No. 158,456; published Jan. 30, 1923.
Sperber, Samuel N., doing business as Evertasty Confection Co., Albany, N. Y. Confection comprising fruits, nuts, pop corn, and a suitable binder. 175,818; Nov. 13; Serial No. 159,533; published Sept. 4, 1923.
Sperlich and Uhlig Company, Detroit, Mich. Mangles. 171,075; July 31; Serial No. 170,222; published Apr. 24, 1923.
Sperry and Alexander Company. (See Sperry & Alexander, assignor.)
Sperry & Alexander, assignor to Sperry and Alexander Company, New York, N. Y. Cutlery. 23,158; renewed May 30, 1923.
Sperry Flour Co., San Francisco, Calif. Wheat flour. 172,638; Sept. 11; Serial No. 163,294; published Jan. 30, 1923.
Sperry Textile Corporation, Mohawk, N. Y. Coats. 172,171; Aug. 21.
Spic Company, The. (See Smith, Arthur G.)
Spicky Polish Corporation, San Francisco, Calif. Aluminum and metal polish. 169,482; June 19; Serial No. 174,539; published Mar. 20, 1923.
Spiegle, Geo. M., & Co., Philadelphia, Pa. Lumber of all kinds. 171,424; Aug. 7; Serial No. 172,018; published May 1, 1923.
Spinks & McIlwain, also doing business as Nu-Life Medicine Company, Selma, Ala. Liver, kidney, and stomach medicine. 172,592; Sept. 11; Serial No. 168,736; published May 8, 1923.
Spinner, Sebastian, New York, N. Y. Medicinal tonic for stomach troubles. 167,373; May 1; Serial No. 168,008; published Dec. 26, 1922.
Spiro, J. H., San Francisco, Calif. Finger rings. 165,260; Mar. 6; Serial No. 167,370; published Nov. 28, 1922.
Spiropulos, C. T., New York, N. Y. Shoe laces. 169,027; May 29.
Spitan Battery Fluid Corporation, Tuckahoe and New York, N. Y. Fluid for use in electric storage batteries. 167,837; May 8; Serial No. 169,608; published Feb. 13, 1923.
Spitz, Samuel & Sons, Inc., Chicago, Ill. Boys' suits, coats, and pants. 166,287–8; Mar. 27.
Spitz, Samuel, & Sons, Inc., Chicago, Ill. Men's and boys' overcoats, suits, coats, and pants. 169,403; June 12; Serial No. 157,695; published Mar. 20, 1923.
Spivak, Max, New York, N. Y. Hand fire extinguishers. 164,111; Feb. 13.
Spoehr's, Chicago, Ill. Candy. 173,167; Sept. 18; Serial No. 139,134; published June 19, 1923.
Spokane Valley Growers Union, Opportunity, Wash. Fresh apples. 166,675; Apr. 10; Serial No. 165,723; published Jan. 30, 1923.
Spolar, John, Buhl, Minn. Salve for burns, open sores, skin diseases, etc. 165,717; Mar. 20; Serial No. 166,320; published Dec. 5, 1922.
Spongette Pure Food Company, Wilmington, Del., and Pittsburgh, Pa. Bran biscuits. 170,867; July 24; Serial No. 166,909; published Mar. 27, 1923.
Sportmox Company, The, Boston, Mass. Sport footwear. 176,272; Nov. 20; Serial No. 177,413; published Aug. 7, 1923.
Sportsman's Digest. (See Rosenthal, Edward S.)
Sprague & Carleton. (See Peart, Harold A.)
Sprague, E. H., doing business as Wellington Co., Omaha, Nebr. Inner tubes and tire casings. 163,823; Jan. 30.
Sprague, Eugene A., doing business as Sprague Manufacturing Co., San Francisco, Calif. Soap compounds. 170,524; July 17; Serial No. 174,641; published Apr. 24, 1923.
Sprague Roller Mills, Sprague, Wash. Self-rising flour. 176,719; Nov. 27; Serial No. 170,734; published July 24, 1923.
Spratt's Patent Limited, London, England. Milk food in powder form for dogs and cats. 172,947; Sept. 11; Serial No. 153,858; published June 5, 1923.
Spring, C. G., Company, The, Kalamazoo, Mich. Bumpers. 173,103; Sept. 18; Serial No. 177,072; published June 12, 1923.
Springer, Lilly Co., The, Los Angeles, Calif. Face creams and hand lotions. 164,337; Feb. 20.
Springfield Paint & Varnish Co. (See Keller, Matthew F.)
Springfield Seed Company, Springfield, Mo. Agricultural and grass seeds. 173,063; Sept. 11; Serial No. 176,431; published June 12, 1923.
Sprout, Waldron & Co., Muncy, Pa. Machinery and tools and parts thereof. 165,722; Mar. 20; Serial No. 168,695; published Dec. 19, 1922.
Spurgeon, Mathias O., and also doing business as Wineberg Pure Beverage Company, Centralia, Wash. Fruit beverage sold as a soft drink and sirups for preparation of same. 167,672; May 8; Serial No. 172,909; published Feb. 20, 1923.
Spurgin Manufacturing Company, Chicago, Ill. Currency straps of $500 denominations. 172,271; Aug. 28; Serial No. 177,575; published May 29, 1923.
Spyroseal Manufacturing Company, St. Louis, Mo. Piston rings. 175,807; Nov. 13; Serial No. 143,017; published Sept. 4, 1923.
Square Dipper Specialty Company, Pittsburgh, Pa. Ice-cream confections. 171,175; July 31; Serial No. 171,474; published Mar. 27, 1923.
Squibb, E. R., & Sons, New York, N. Y. Alteratives, analgesics, anaphrodisiacs, anesthetics, anodynes, antacids, etc. 169,655; June 26; Serial No. 168,435; published Feb. 27, 1923.
Squire and Co., Birmingham Limited, Stirchley, Birmingham, England. Cough mixture for human use. 170,513; July 17; Serial No. 172,776; published Apr. 17, 1923.
Stabler, Louis A., doing business as The Lasco Company, Ltd., Baltimore, Md. Oil paint, linseed oil, floor wax, etc. 172,628; Sept. 11; Serial No. 154,287; published Apr. 3, 1923.
Stack Heater Company, Boston, Mass. Water heaters heated by gas, oil, or vapor. 163,176; Jan. 2.
Stack Heater Company, Boston, Mass. Temperature-controlled valves, relief valves, vacuum valves, and pipe fittings. 166,714; Apr. 10; Serial No. 155,276; published July 18, 1922.

Stack Heater Company, Boston, Mass. Direct and indirect water heaters, instantaneous water heaters, etc. 174,735; Oct. 23; Serial No. 155,277; published July 24, 1923.

Stadeker, Gilbert I., doing business as Stadeker Metal Specialty Company, Chicago, Ill. Windshield wipers. 164,970; Feb. 27.

Stadeker, Gilbert I., doing business as Stadeker Mfg. Co., Chicago, Ill. Hydrometers. 175,841; Nov. 13; Serial No. 181,423; published Aug. 28, 1923.

Stadeker Metal Specialty Company. (See Stadeker, Gilbert I.)

Stafford County Flour Mills Co., Hudson, Kans. Wheat flour. 167,192; Apr. 24; Serial No. 158,156; published Nov. 7, 1922.

Stafford, George A., doing business as G. A. Stafford & Co., New York, N. Y. Woven cotton fabrics in the piece. 171,525; Aug. 7; Serial No. 176,103; published May 8, 1923.

Stafford, George A., doing business as G. A. Stafford & Co., New York, N. Y. Woven cotton fabrics in the piece. 172,631; Sept. 11; Serial No. 135,736; published June 5, 1923.

Stafford, George A., doing business as G. A. Stafford & Co., New York, N. Y. Woven cotton fabrics in the piece. 173,981; Oct. 2; Serial No. 135,737; published July 17, 1923.

Stafford, George A., doing business as G. A. Stafford & Company, New York, N. Y. Woven cotton fabrics in the piece. 174,985; Oct. 30; Serial No. 124,422; published Aug. 14, 1923.

Stafford Mineral Spring Company Limited, The, New Orleans, La. Natural mineral-spring water. 22,869; renewed Apr. 25, 1923.

Stafford Mineral Springs & Hotel Co. Ltd., New Orleans, La. Natural mineral water. 24,281; renewed Feb. 27, 1924.

Stafford Roller Bearing Car Truck Corporation, Lawton, Mich. Roller bearings and roller-bearing journal boxes. 171,654; Aug. 7.

Stahel, Edward P., & Co., New York, N. Y., assignors to H. Rost & Company, Hamburg, Germany. Rubber tissue for reenforcing, stiffening, and waterproofing parts of garments, etc. 170,244; July 10; Serial No. 174,676; published Apr. 10, 1923.

Stahlbehl, Nathan, New York, N. Y. Liquid liniment for the treatment of rheumatism, colds, neuritis, etc. 165,847; Mar. 20; Serial No. 168,382; published Jan. 2, 1923.

Stahl-Urban and Co., Terre Haute, Ind. Work clothing for men—namely, overalls, jackets, trousers, etc. 163,625; Jan. 23.

Stain-Off Company. (See Foote, J. Harvey.)

Staley, A. E., Manufacturing Company, Decatur, Ill. Sugar. 170,901–3; July 24; Serial Nos. 170,796–8; published Mar. 13, 1923.

Stambaugh & Rabe, Akron, Ohio, and Auburndale, Fla. Citrous fruits in their natural state. 174,971; Oct. 30; Serial No. 157,637; published Aug. 7, 1923.

Stamper & Kaiser, New York, N. Y. Hosiery. 174,273; Oct. 9; Serial No. 177,630; published July 10, 1923.

Stampher, Lillian R., Dover, N. J. Bonnets, hats, and caps. 166,820; Apr. 17; Serial No. 166,750; published Jan. 9, 1923.

Stanard, O. L., Dry Goods Co., Huntington, W. Va. Hair nets. 174,096; Oct. 2; Serial No. 179,491; published July 10, 1923.

Stanard, O. L., Dry Goods Co., Huntington, W. Va. Knitted and nainsook underwear and cotton and wool sweaters. 175,782; Nov. 13; Serial No. 178,412; published Aug. 28, 1923.

Stanard-Tilton Milling Co., St. Louis, Mo. Wheat flour. 167,098; Apr. 24; Serial No. 167,430; published Dec. 12, 1922.

Stanard-Tilton Milling Co., St. Louis, Mo. Wheat flour. 172,481; Aug. 28.

Standard Asphalt & Refining Company, Jersey City, N. J., and Chicago, Ill. Pipe coating, acidproof tank lining, expansion joint, refrigerator compound. 175,805; Nov. 13; Serial No. 131,987; published Sept. 4, 1923.

Standard Baking Company, San Francisco, Calif. Coconut macaroon strip. 167,129; Apr. 24; Serial No. 165,420; published Jan. 30, 1923.

Standard Biscuit Company, Des Moines, Iowa. Crackers. 167,402; May 1; Serial No. 165,894; published Jan. 30, 1923.

Standard Biscuit Company, Des Moines, Iowa. Crackers. 167,506; May 1; Serial No. 165,890; published Dec. 12, 1922.

Standard Biscuit Company, Des Moines, Iowa. Crackers. 172,489; Aug. 28.

Standard Candy Company, Nashville, Tenn. Candy. 176,608; Nov. 27; Serial No. 179,492; published Sept. 11, 1923.

Standard Carrier Company, The, New York, N. Y. Pneumatic-tube carrier systems and parts thereof. 168,923; May 29; Serial No. 143,711; published Mar. 13, 1923.

Standard Chemical Works, Reading and Womelsdorf, Pa. Insecticides, deodorants, germicides, and disinfectants. 167,356; May 1; Serial No. 144,104; published Sept. 20, 1921.

Standard Chilled Castings Corporation, Lynchburg, Va. Plows, landsides, points, moldboards, and standards. 164,123; Feb. 13.

Standard Comfort Window Corporation, New York, N. Y. Windows and window frames. 177,839; Dec. 25.

Standard Computing Scale Company, The, Detroit, Mich. Weighing and computing scales. 163,829; Jan. 30.

Standard Conveyor Company, North St. Paul, Minn. Gravity and other conveyers, elevators, spirals and parts thereof. 166,740; Apr. 10.

Standard Coupler Company, New York, N. Y. Draft gear for locomotives and railway and trolley cars. 166,959; Apr. 17.

Standard Crayon Manufacturing Company, doing business as Anti-Itis Company, Danvers, Mass. Medicinal preparation for inflammatory, congested, and painful conditions where local treatment is indicated. 173,824; Oct. 2; Serial No. 175,627; published June 26, 1923.

Standard Crystal Company. (See Reese, Edward.)

Standard Development Company. (See Standard Oil Company Incorporated in New Jersey, assignor.)

Standard Drug Company, Los Angeles, Calif. Preparation used in the treatment of kidney and bladder diseases, etc. 173,470; Sept. 25; Serial No. 176,289; published June 19, 1923.

Standard Drug Company, Los Angeles, Calif. Preparation used in the treatment of general debility, lost vitality, etc. 174,037; Oct. 2; Serial No. 176,290; published June 19, 1923.

Standard Export Company. (See Fernandez, Philip.)

Standard Furniture Co., Seattle, Wash. Furniture. 175,234; Oct. 30.

Standard Furniture Company, assignor to Standard Furniture Co., Herkimer, N. Y. Roll-top desks. 24,368; renewed Mar. 13, 1924.

Standard Granite Company. (See Barclay, Douglas M.)

Standard Heel & Counter Co., St. Louis, Mo. Leather floor mats. 177,582; Dec. 18.

Standard Homeopathic Company. (See Hyland, George H.)

Standard Knitting Mills, Knoxville, Tenn. Knitted fabric underwear for men and boys. 166,687; Apr. 10; Serial No. 167,056; published Jan. 9, 1923.

Standard Knitting Mills, Knoxville, Tenn. Knitted fabric underwear for men and boys. 166,708–9; Apr. 10; Serial No. 167,057–8; published Jan. 9, 1923.

Standard Knitting Mills, The, Los Angeles, Calif. Knitted sweaters, bathing suits, scarfs, caps, etc. 176,468; Nov. 27; Serial No. 181,424; published Sept. 18, 1923.

Standard Laboratories, Inc., Los Angeles, Calif. Pomades for the hair. 169,867; July 3; Serial No. 175,222; published Mar. 13, 1923.

Standard Laboratories, The, Chicago, Ill. Tonic preparation for treatment of wasting diseases, nervousness, skin diseases, etc. 165,605; Mar. 13; Serial No. 167,025; published Dec. 12, 1922.

Standard Laboratories, The, Chicago, Ill. Cough sirup. 165,604; Mar. 13; Serial No. 167,024; published Dec. 12, 1922.

Standard Lime & Stone Co., The, Martinsburg, W. Va., and Baltimore, Md. Poultry food. 167,060; Apr. 24; Serial No. 160,305; published Feb. 6, 1923.

Standard Manufacturing Company, Erie, Pa. Trousers. 172,048; Aug. 21; Serial No. 154,335; published May 22, 1923.

Standard Match Co., Limited, The, Hempsted, England. Matches. 168,435; May 22; Serial No. 171,045; published Feb. 20, 1923.

Standard Medical Society, Inc., The, Baltimore, Md. Analgesic balm for the relief of pain in rheumatism, gout, etc. 165,716; Mar. 20; Serial No. 166,327; published Dec. 12, 1922.

Standard Medical Society, Inc., The, Baltimore, Md. Tablets for colds, coughs, la grippe, headache, and neuralgia. 173,432; Sept. 25; Serial No. 166,326; published June 26, 1923.

Standard Mfg. Co. (See Lowenthal, Henry.)

Standard Mills Company, Chicago, Ill. Ornament-theft-preventing devices. 164,392; Feb. 20.

Standard Motor Company Limited, The, Coventry, England. Motor vehicles. 167,507; May 1; Serial No. 165,835; published Jan. 2, 1923.

Standard Motor Parts Company, Chicago, Ill. Lining for automobile transmissions. 170,631; July 17; Serial No. 175,413; published Apr. 24, 1923.

Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum for illuminating, heating, power, burning, etc. 163,177; Jan. 2.

Standard Oil Company of New York, New York, N. Y. Medicinal oils for the treatment of constipation, laundry wax, petroleum, etc. 163,178; Jan. 2.

Standard Oil Company of New York, New York, N. Y. Candles. 163,729; Jan. 23.

Standard Oil Company of New York, New York, N. Y. Dry, paste, and ready-mixed paints, varnishes, linseed oil, etc. 166,013; Mar. 27; Serial No. 162,901; published Dec. 12, 1922.

Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 166,345; Apr. 3; Serial No. 159,816; published Jan. 9, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Standard Oil Company of New York, New York, N. Y. Stoves and heaters, oil-burning lamps, lanterns, lamp burners, etc. 167,528; May 1; Serial No. 166,207; published Jan. 30, 1923.

Standard Oil Company of New York, New York, N. Y. Lubricating grease. 167,800; May 8; Serial No. 162,517; published Feb. 13, 1923.

Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum for illuminating, heating, etc. 168,746; May 29; Serial No. 171,291; published Feb. 13, 1923.

Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 168,798; May 29; Serial No. 174,941; published Mar. 13, 1923.

Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 168,799; May 29; Serial No. 174,935; published Mar. 13, 1923.

Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 169,459–60; June 19; Serial No. 174,939–40; published Mar. 20, 1923.

Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 169,461–2; June 19; Serial Nos. 174,936–7; published Mar. 20, 1923.

Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 169,463; June 19; Serial No. 174,934; published Mar. 20, 1923.

Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 169,464; June 19; Serial No. 174,931; published Mar. 20, 1923.

Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 170,303; July 10; Serial No. 176,506; published Apr. 10, 1923.

Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 170,325–6; July 10; Serial Nos. 175,959–60; published Apr. 3, 1923.

Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 170,327; July 10; Serial No. 175,965; published Apr. 3, 1923.

Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 170,328; July 10; Serial No. 175,968; published Apr. 3, 1923.

Standard Oil Company of New York, New York, N. Y. Petroleum products—namely, gasoline and naphtha. 170,736; July 24; Serial No. 169,934; published May 15, 1923.

Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 171,553; Aug. 7; Serial No. 178,147; published May 8, 1923.

Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 171,556; Aug. 7; Serial No. 177,881; published May 8, 1923.

Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 171,557; Aug. 7; Serial No. 177,879; published May 8, 1923.

Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 173,064; Sept. 11.

Standard Oil Company of New York, New York, N. Y. Floor oilers, yarn mops, dust cloths, etc. 173,688; Oct. 2; Serial No. 177,576; published June 19, 1923.

Standard Oil Company of New York, New York, N. Y. Petroleum oil. 174,387; Oct. 16; Serial No. 172,242; published July 17, 1923.

Standard Oil Company of New York, New York, N. Y. Petroleum jelly. 174,483; Oct. 16; Serial No. 178,146; published July 10, 1923.

Standard Oil Company (Incorporated in New Jersey), Bayonne, N. J. Mineral oil. 164,507; Feb. 20.

Standard Oil Company (Incorporated in New Jersey), Bayonne, N. J. Lubricating oils particularly for household use. 166,677; Apr. 10; Serial No. 171,711; published Jan. 23, 1923.

Standard Oil Company (Incorporated in New Jersey), Bayonne, N. J., assignor to Standard Development Company, Wilmington, Del. Permanent foam for protection and preventing evaporation of volatile liquids. 167,852; May 8; Serial No. 164,201; published Jan. 2, 1923.

Standard Oil Company, Incorporated in New Jersey, Bayonne, N. J. White mineral oil. 168,137; May 15; Serial No. 170,410; published Feb. 13, 1923.

Standard Oil Company (Incorporated in New Jersey), Bayonne, N. J. Transformer oil. 173,403; Sept. 25; Serial No. 175,747; published June 26, 1923.

Standard Oil Company (Incorporated in New Jersey), Bayonne, N. J. Lubricating oils. 176,079; Nov. 13; Serial No. 182,386; published Sept. 4, 1923.

Standard Oil Company (Incorporated in New Jersey), Bayonne, N. J., assignor to Standard Development Company, New York, N. Y. Prepared chemical liquid for protection and prevention of evaporation of volatile liquids. 177,087; Dec. 11; Serial No. 172,910; published Mar. 13, 1923.

Standard Oil Company (New Jersey), Bayonne, N. J. Lubricating oils. 175,475; Nov. 6; Serial No. 181,661; published Aug. 28, 1923.

Standard Oil Company (New Jersey), Bayonne, N. J. Oils and greases. 176,408; Nov. 27; Serial No. 181,659; published Sept. 11, 1923.

Standard Oil Company, Whiting, Ind., and Chicago, Ill. Burning oil or kerosene. 164,710; Feb. 27.

Standard Oil Company, Whiting, Ind., and Chicago, Ill. Petroleum jelly. 165,435; Mar. 13; Serial No. 165,825; published Dec. 19, 1922.

Standard Oil Company, Whiting, Ind., and Chicago, Ill. Lubricating oils and greases. 165,827; Mar. 20; Serial No. 171,667; published Dec. 26, 1922.

Standard Oil Company, Whiting, Ind., and Chicago, Ill. Lubricating oils and greases. 166,494; Apr. 3; Serial No. 171,666; published Jan. 2, 1923.

Standard Oil Company, Whiting, Ind., and Chicago, Ill. Lubricating oils and greases. 167,537; May 1; Serial No. 171,876; published Jan. 30, 1923.

Standard Oil Company, Whiting, Ind., and Chicago, Ill. Gasoline candles, liquid paraffin, lubricating oils and greases. 168,756; May 29; Serial No. 171,664; published Feb. 13, 1923.

Standard Oil Company, Whiting, Ind., and Chicago, Ill. Asphalt and paving filler. 169,351; June 12; Serial No. 171,663; published Mar. 27, 1923.

Standard Oil Company, Whiting, Ind., and Chicago, Ill. Wool oil used for cleansing or washing the wool after it is sheared from the sheep. 169,898; July 3; Serial No. 171,665; published Mar. 13, 1923.

Standard Oil Company, Whiting, Ind., and Chicago, Ill. Gasoline. 170,461; July 17; Serial No. 172,691; published Apr. 3, 1923.

Standard Oil Company, Whiting, Ind., and Chicago, Ill. Petrolatum. 172,712; Sept. 11; Serial No. 175,414; published May 15, 1923.

Standard Oil Company, Whiting, Ind., and Chicago, Ill. Liquid petrolatum. 173,298; Sept. 18; Serial No. 180,249; published June 19, 1923.

Standard Oil Company, Whiting, Ind., and Chicago, Ill. Medicinal mineral oils. 175,585; Nov. 6; Serial No. 180,033; published July 31, 1923.

Standard Oil Company, San Francisco, Calif. Lubricating oils. 169,637; June 26; Serial No. 175,223; published Mar. 27, 1923.

Standard Oil Company, San Francisco, Calif. Harness and sole-leather oil. 173,597–8; Oct. 2; Serial No. 167,833–4; published June 5, 1923.

Standard Oiled Clothing Co., New York, N. Y. Raincoats and rain articles, etc. 173,453; Sept. 25; Serial No. 173,733; published June 26, 1923.

Standard Optical Co., The, Geneva, N. Y. Machines for manufacturing, finishing, adjusting, and testing lenses and lens mountings for eyeglasses and spectacles. 164,583; Feb. 20.

Standard Optical Co., The, Geneva, N. Y. Spectacle and eyeglass rims. 168,214; May 15; Serial No. 139,433; published Feb. 13, 1923.

Standard Optical Company, The, Geneva, N. Y. Ophthalmic lenses. 163,822; Jan. 30.

Standard Paper Company, Kalamazoo, Mich. Paper cartons. 170,302; July 10; Serial No. 176,659; published Apr. 10. 1923.

Standard Paper Manufacturing Co., Richmond, Va. Blotters. 170,116; July 10; Serial No. 161,283; published Apr. 3, 1923.

Standard Paper Manufacturing Co., Richmond, Va. Blotting paper. 170,523; July 17; Serial No. 174,704; published Apr. 17, 1923.

Standard Paper Manufacturing Co., Richmond, Va. Blotting paper. 170,525; July 17; Serial No. 174,703; published Apr. 17, 1923.

Standard Paper Manufacturing Co., Richmond, Va. Bond paper. 173,537; Sept. 25.

Standard Parts Company, The, Cleveland, Ohio. Vehicle springs. 173,122; Sept. 18; Serial No. 161,066; published June 12, 1923.

Standard Products Company, Providence, R. I. Shoe lacings. 171,637; Aug. 7.

Standard Purveyors, Inc., New York, N. Y. Canned peas, tomato purée, apples, etc. 171,603; Aug. 7; Serial No. 174,344; published May 8, 1923.

Standard Register Company, The, Dayton, Ohio. Autographic registers. 165,928; Mar. 20.

Standard Ring Co., Inc., Boston, Mass. Finger rings. 171,998; Aug. 21; Serial No. 167,540; published May 8, 1923.

Standard Sewing Machine Company, The, Cleveland, Ohio. Sewing machines. 23,160; renewed May 30, 1923.

Standard Silk Dyeing Co., Paterson, N. J. Silk piece goods. 172,483; Aug. 28.

Standard Steel Works Company, Philadelphia, Pa. Solid forged gear blanks, iron castings and forgings, steel castings and forgings. 164,829; Feb. 27.

Standard Steel Works Company, Philadelphia, Pa. Forged and rolled-steel pipe flanges. 165,484; Mar. 13; Serial No. 167,736; published Dec. 19, 1922.

Standard Steel Works Company, Philadelphia, Pa. Rings and rolled shells for crushers for reducing and pulverizing solid materials. 166,037; Mar. 27; Serial No. 167,738; published Dec. 5, 1922.

Standard Syrup Company, St. Louis, Mo. Fruit preserves, honey, and mincemeat. 173,666; Oct. 2; Serial No. 177,631; published July 3, 1923.

Standard Tent & Awning Company, The, Toledo, Ohio. Men's working pants, overalls, jumpers, etc. 170,335; July 10.

Standard Tent & Awning Company, The, doing business as The Standard Garment Company, Toledo, Ohio. Men's working pants, overalls, jumpers, etc. 173,915; Oct. 2; Serial No. 174,943; published July 10, 1923.

Standard Tire Company, The, Willoughby, Ohio. Rubber vehicle tires. 165,171; Mar. 6; Serial No. 126,826; published Oct. 3, 1922.

Standard Ultramarine Co., The, Huntington, W. Va. Ultramarine blue. 169,662; June 26; Serial No. 170,906; published Mar. 20, 1923.

Standard Ultramarine Co., The, Huntington, W. Va. Ultramarine blue. 170,390; July 17; Ser. 170,905; published Apr. 10, 1923.

Standard Ultramarine Co., The, Huntington, W. Va. Laundry blue. 174,032; Oct. 2; Serial No. 176,699; published June 19, 1923.

Standard Ultramarine Co., The, Huntington, W. Va. Ultramarine blue. 174,111; Oct. 2; Serial No. 170,907; published Mar. 20, 1923.

Standard Varnish Works, New York, N. Y. Varnishes, stains, dry, ready mixed, and paste paints. 166,230. Mar. 27; Serial No. 165,162; published Nov. 14, 1922.

Standard Vibrating Churn Company, Chicago, Ill. Butter churns. 166,807; Apr. 17; Serial No. 168,176; published Jan. 23, 1923.

Standard Wall Paper Co., Hudson Falls, N. Y. Ready-mixed oil paints. 163,763; Jan. 23.

Standard Wall Paper Co., Hudson Falls, N. Y. Inks—viz, stamping and printing. 164,431; Feb. 20.

Stanley Chemical Company, The, East Berlin, Conn. Dry, paste, and ready-mixed industrial and house paints, varnishes, japans, and paint enamels. 166,498; Apr. 3; Serial No. 162,514; published Jan. 9, 1923.

Stanley Drug Company. (See Goldblum, Theodore.)

Stanley Glidden Co., Inc., Boston, Mass. Rubber tires, tubes, patches, hose, etc. 170,207; July 10; Serial No. 121,766; published Apr. 10, 1923.

Stanley Glidden Co., Inc., Boston, Mass. Tires, tubes, patches, hose, etc. 170,687; July 17.

Stanley Insulating Company, Great Barrington, Mass. Vacuum-jacketed receptacles. 163,179; Jan. 2.

Stanley Insulating Company, Great Barrington, Mass. Vacuum jacketed bottles and food containers. 164,562; Feb. 20.

Stanley Works, The, New Britain, Conn. Vises, bit braces, planes, nail sets, hammers, etc. 168,149; May 15; Serial No. 172,562; published Feb. 20, 1923.

Stanley Works, The, New Britain, Conn. Vises, bit braces, planes, nail sets, hammers, etc. 168,225; May 15; Serial No. 172,065; published Feb. 20, 1923.

Stanley Works, The, New Britain, Conn. Hammers. 168,619; May 29; Serial No. 167,491; published Feb. 27, 1923.

Stanley Works, The, New Britain, Conn. Hinges, bolts for securing doors, windows, etc., latches, handles for doors, etc. 168,943; May 29; Serial No. 172,693; published Mar. 6, 1923.

Stanley Works, The, New Britain, Conn. Hinges, bolts, latches, handles for doors, etc. 168,947; May 29; Serial No. 172,563; published Mar. 6, 1923.

Stanley Work, The, New Britain, Conn. Rules, levels, squares, marking gauges, and bevels. 169,067; June 5; Serial No. 172,564; published Mar. 6, 1923.

Stanley Works, The, New Britain, Conn. Rules, levels, squares, marking gauges, and bevels. 169,080; June 5; Serial No. 172,692; published Mar. 6, 1923.

Stanley Works, The, New Britain, Conn. Hammers. 171,249; July 31; Serial No. 167,491; published Feb. 27, 1923.

Stanley Works, The, New Britain, Conn. Rules, yardsticks, bevels, etc. 175,063; Oct. 30; Serial No. 179,433; published Aug. 14, 1923.

Stanley Works, The, New Britain, Conn. Rules, yardsticks, bevels, etc. 175,064; Oct. 30; Serial No. 179,435; published Aug. 14, 1923.

Stanley Works, The, New Britain, Conn. Levels. 175,337; Nov. 6; Serial No. 172,297; published Aug. 21, 1923.

Stanley Works, The, New Britain, Conn. Levels. 175,758; Nov. 13; Serial No. 172,296; published Aug. 28, 1923.

Stanley Works, The, New Britain, Conn. Vises, bit braces, breast drills, planes, and parts thereof, etc. 177,405; Dec. 18; Serial No. 179,432; published Oct. 2, 1923.

Stansbury, A. R., Inc., Norfolk, Va. Roofing paper. 169,354; June 12; Serial No. 172,128; published Mar. 27, 1923.

Stanton, A. P., Medical Co., West Hoboken, N. Y. Laxative and tonic for stomach troubles, constipation, etc. 167,628; May 1; Serial No. 166,859; published Jan. 2, 1923.

Stanton, Clyde B., Walla Walla, Wash. Carryall or bag. 169,527; June 19; Serial No. 163,295; published Mar. 20, 1923.

Stapleton, John T., and John T. Stapleton, Shoals, Ind. Medicine for the treatment of diphtheria and membranous croup. 172,536; Sept. 4; Serial No. 173,905; published May 8, 1923.

Staplin, Wayland D., doing business as Peerless Specialty Manufacturing Co., Wichita, Kans. Tire-puncture compound. 175,258; Oct. 30.

Star Bakery Co., Hastings, Mich. Bread. 167,198; Apr. 24; Serial No. 162,513; published Jan. 23, 1923.

Star Beverage Co., Belleville, Ill. Nonalcoholic, noncereal, maltless ginger-flavored beverages sold as soft drinks. 168,780; May 29; Serial No. 120,072; published Feb. 13, 1923.

Star Can Opener Company, San Francisco, Calif. Can openers. 174,161; Oct. 9; Serial No. 180,307; published July 17, 1923.

Star Company, New York, N. Y. Periodical published monthly. 165,216; Mar. 6; Serial No. 166,111; published Nov. 14, 1922.

Star and Crescent Milling Company, Chicago, Ill. Wheat flour. 23,262; renewed June 27, 1923.

Star & Crescent Milling Co., Minneapolis, Minn. Semolina. 177,003; Dec. 11; Serial No. 180,308; published Sept. 25, 1923.

Star Electric Motor Co., Newark, N. J. Electric motors, generators, and fans. 174,738–9; Oct. 23; Serial Nos. 152,036–7; published July 24, 1923.

Star Expansion Bolt Company, New York, N. Y. Stamped metal products. 168,116; May 15; Serial No. 152,729; published Feb. 27, 1923.

Star Expansion Bolt Company, New York, N. Y. Expansion shields. 169,358; June 12; Serial No. 172,448; published Mar. 20, 1923.

Star Fish & Oyster Co., The, Mobile, Ala. Sea food. 173,799; Oct. 2; Serial No. 174,156; published July 3, 1923.

Star Motors Incorporated, New York, N. Y. Automobiles and constructive parts thereof. 171,352; Aug. 7; Serial No. 171,340; published May 8, 1923.

Star Oil Company, The, Chicago, Ill. Lubricating oils. 166,120; Mar. 27; Serial No. 152,217; published July 4, 1922.

Star-Peerless Wall Paper Mills, Joliet, Ill. Ready-mixed paints, varnishes, stains, and paint enamels. 175,507; Nov. 6; Serial No. 178,939; published Aug. 28, 1923.

Star Piston Pin Co. (See Bissell, Lloyd.)

Star Rubber Company, The, Akron, Ohio. Elastic vehicle tires and inner tubes for pneumatic tires. 173,120; Sept. 18; Serial No. 164,559; published June 12, 1923.

Star Shirt Manufacturing Company, New York, N. Y. Men's pyjamas. 164,864; Feb. 27.

Star Wood Products Company, Louisville, Ky. Sidings or weatherboardings, baseboards, window casings, and moldings. 168,712; May 29; Serial No. 158,493; published Feb. 20, 1923.

"Sta-Rite" Mfg. Co., Asheville, N. C. Polishing preparation for painted, varnished, or enameled surfaces and for automobile bodies, etc. 166,372; Apr. 3; Serial No. 169,988; published Dec. 5, 1922.

Stark Bros. Nurseries & Orchards Co., Louisiana, Mo. Garden seeds. 167,985; May 8.

Stark, Harry, doing business as Stark Knitting Co., New York, N. Y. Men's neckties. 163,626; Jan. 23.

Stark Knitting Co. (See Stark, Harry.)

Stark Rolling Mill Company, The, assignor to United Alloy Steel Corporation, Canton, Ohio. Black and galvanized sheets. 164,312; Feb. 20.

Starr, Ana D., doing business as Starr Specialty Co., Tower City, N. Dak. Radiator cement. 168,436; May 22; Serial No. 171,044; published Feb. 20, 1923.

Starr, Daniel, doing business as Starr Knitting Mill, Brooklyn, N. Y. Knit sweaters. 172,281; Aug. 28; Serial No. 169,141; published May 29, 1923.

Starr Fruit Products Co., Portland, Oreg. Canned fruits and vegetables. 166,663; Apr. 10; Serial No. 164,973; published Feb. 6, 1923.

Starr Fruit Products Co., Portland, Oreg. Canned fruits and vegetables. 168,201; May 15; Serial No. 164,974; published Feb. 6, 1923.

Starr Piano Company, The, Richmond, Ind. Player-pianos, phonographs, and records. 175,806; Nov. 13; Serial No. 135,764; published Aug. 7, 1923.

Staset Company, The. (See Warner, Selden G.)

Staso Milling Company, Poultney, Vt. Compound used for sealing metallic pipe joints. 166,991; Apr. 17.

State Line Milling Co., Kiowa, Kans. Wheat flour. 176,590; Nov. 27; Serial No. 179,170; published Sept. 11, 1923.

Stauffer Chemical Company, San Francisco, Calif. Chemical fungicide. 172,702; Sept. 11; Serial No. 175,820; published May 29, 1923.

Stauffer Chemical Company of Texas, Houston, Tex. Rubber-compounding sulphur. 176,372–3; Nov. 20.

Stauffer, D. F., Biscuit Co., Inc., York, Pa. Pretzels. 177,373; Dec. 18; Serial No. 180,903; published Sept. 25, 1923.

Stavros, James E., West Orange, N. J. Ointment for rheumatism. 172,387; Aug. 28; Serial No. 169,936; published May 1, 1923.

Staynew Filter Corporation, Rochester, N. Y. Air filters. 167,664; May 8; Serial No. 169,690; published Feb. 20, 1923.

Stayshyn Co. (See Wilmot, Julius C.)

Ste. Anme. du Fibrociment et des Revetements Elo, Poissy, France. Building materials composed of a compound of fiber and cement. 171,512; Aug. 1; Serial No. 159,540; published May 22, 1923.

Steam Power Publishing Corporation, Chicago, Ill. Monthly magazine. 172,037; Aug. 21; Serial No. 160,725; published May 22, 1923.

Stearns-Eddy Co., Portland, Oreg. Haarlem-oil capsules for kidney, liver, bladder, rheumatism, and uric-acid troubles. 167,417; May 1; Serial No. 169,335; published Feb. 20, 1923.

Stearns-Eddy Co., Portland, Oreg. Preparation for the relief of piles. 167,418; May 1; Serial No. 169,336; published Feb. 20, 1923.

Stearns, F. U., & Company, New York, N. Y. Cotton piece goods. 175,465; Nov. 6; Serial No. 181,963; published Aug. 23, 1923.

Stearns & Foster Company, The, Lockland, Ohio. Cotton batting. 165,135; Mar. 6; Serial No. 151,407; published Oct. 31, 1922.

Stearns & Foster Company, The, Lockland, Ohio. Cotton batting. 165,415; Mar. 6; Serial No. 151,411; published Oct. 24, 1922.

Stearns & Foster Company, The, Lockland, Ohio. Mattresses. 172,370; Aug. 28; Serial No. 160,094; published May 8, 1923.

Stearns, Frederick, & Company, Detroit, Mich. Disinfectants, germicides, and antiseptics. 164,449; Feb. 20.

Stearns, Justus S., doing business as Stearns Motor Manufacturing Co., Ludington, Mich. Internal-combustion engines. 171,685; Aug. 7.

Stebbins, E., Manufacturing Company, Springfield, Mass. Quick-compression bibs. 170,238; July 10; Serial No. 174,271; published Apr. 3, 1923.

Steel, L. R., Company, Inc., Buffalo, N. Y. Candies. 167,355; May 1; Serial No. 144,160; published Mar. 14, 1922.

Steel, Mary L., New York, N. Y. Cleansing cream for the skin, cucumber lotion, muscle oil, etc. 164,289; Feb. 20.

Steel Products Company, The, Cleveland, Ohio. Poppet valves for internal-combustion engines. 174,055–6; Oct. 2; Serial Nos. 178,069–70; published July 3, 1923.

Steelcraft Corporation of America, Cleveland, Ohio. Safes. 174,182; Oct. 9; Serial No. 179,890; published July 10, 1923.

Steelcraft Corporation of America, Cleveland, Ohio. Safes and vaults. 177,007; Dec. 11; Serial No. 179,889; published Sept. 25, 1923.

Steelcraft Engineering Company, Marion, Ind. Dies, jigs, special machinery, etc. 175,552; Nov. 6; Serial No. 179,833; published Aug. 21, 1923.

Steele, Jesse A., doing business as Steele Bros., Oakland, Calif. Artificially-prepared mineral water. 173,901; Oct. 2; Serial No. 176,292; published July 3, 1923.

Steele, May W. (See White, Edward B., assignor.)

Steele-Wedeles Company, Chicago, Ill. Canned and dried fruits and vegetables, canned fish, salted fish, canned meats, etc. 171,139; July 31; Serial No. 159,889; published Mar. 20, 1923.

Steen, John A., Varnish Company, Chicago, Ill. Rapid-drying varnish binder and varnish. 167,187; Apr. 24; Serial No. 153,371; published Nov. 29, 1922.

Steenburg Fur Company, The. (See Marshall, Robert S.)

Steeves, Elizabeth, doing business as The Elizabeth Candy Shops, Waltham, Mass. Candies and salted nuts. 166,515; Apr. 3; Serial No. 163,716; published Jan. 9, 1923.

Steger & Sons Piano Manufacturing Company, Chicago, Ill. Pianos and player pianos. 166,718; Apr. 10; Serial No. 148,678; published Jan. 2, 1923.

Stehli Silks Corporation, New York, N. Y. Broad silks in the piece. 167,108; Apr. 24; Serial No. 169,789; published Jan. 30, 1923.

Stehli Silks Corporation, New York, N. Y. Broad silks in the piece and silk and cotton piece goods. 173,187; Sept. 18; Serial No. 168,383; published June 12, 1923.

Steiger, Ernest, New York, N. Y. Kindergarten material. 170,223; July 10; Serial No. 154,769; published Apr. 10, 1923.

Stein, A., & Company, Chicago, Ill. Undergarments of textile fabric. 168,157; May 15; Serial No. 165,218; published Jan. 30, 1923.

Stein, A., & Company, Chicago, Ill. Dress shields. 168,904; May 29; Serial No. 165,095; published Feb. 27, 1923.

Stein, A., & Company, Chicago, Ill. Arm bands. 169,381; June 12; Serial No. 171,475; published Mar. 20, 1923.

Stein, A., & Company, Chicago, Ill. Suspenders. 169,385; June 12; Serial No. 172,129; published Mar. 20, 1923.

Stein, A., & Company, Chicago, Ill. Rubber sheeting. 175,830; Nov. 13; Serial No. 183,005; published Sept. 4, 1923.

Stein, A., & Company, Chicago, Ill. Household apron and girdle supporters. 176,143; Nov. 20; Serial No. 183,003; published Sept. 11, 1923.

Stein, A., & Company, Chicago, Ill. Arm bands and suspenders. 176,206; Nov. 20; Serial No. 179,118; published Sept. 4, 1923.

Stein, A., & Company, Chicago, Ill. Sanitary aprons and belts. 176,556; Nov. 27; Serial No. 183,002; published Sept. 18, 1923.

Stein, A., & Company, Chicago, Ill. Dress shields, elastic webbing, shirred elastic ribbon. 177,534; Dec. 18; Serial No. 183,004; published Oct. 2, 1923.

Stein & Ellbogen Company, Chicago, Ill. Watches. 175,811; Nov. 13; Serial No. 150,779; published Aug. 21, 1923.

Stein, Louis, doing business as Stein Bros. & Co., Chicago, Ill. Cardcases, pocketbooks, portfolios. 169,626; June 26; Serial No. 173,448; published Mar. 27, 1923.

Stein, S., & Co., New York, N. Y. Woolen cloths in the piece intended for suiting, etc. 166,914; Apr. 17; Serial No. 166,479; published Feb. 6, 1923.

Stein, S., & Co., New York, N. Y. Woolen cloths in the piece intended for suiting, etc. 166,918; Apr. 17; Serial No. 164,459; published Jan. 30, 1923.

Stein, S., & Co., New York, N. Y. Woolen cloths in the piece. 171,938–9; Aug. 14.

Stein, S., & Co., New York, N. Y. Woolen cloths in the piece, for suiting, etc. 173,213; Sept. 18; Serial No. 173,259; published June 12, 1923.

Stein, S., & Co., New York, N. Y. Woolen cloths in the piece. 174,294; Oct. 9.

Stein, Samuel F., Williamsport, Pa. Telephone instruments. 174,429; Oct. 16; Serial No. 179,971; published June 26, 1923.

Stein & Windt, New York, N. Y. Gold and platinum jewelry, not including watches. 164,411; Feb. 20.

Steiner, Clarence S., Asbury, Park, N. J. Sleeping garments, underwear, shirt waists, and bloomers. 176,203; Nov. 20; Serial No. 180,309; published Sept. 4, 1923.

Steiner, Edward F., Baltic, Ohio. Cheese. 175,711; Nov. 6.

Steiner, F., Nfg., Atzgersdorf, near Vienna, Austria. Carriage-lifting jacks, more especially hydraulics. 173,299; Sept. 18; Serial No. 178,878; published June 12, 1923.

Steiner, Leopold, New York, N. Y. Electric lamps and radiators for therapeutic use. 177,433; Dec. 18; Serial No. 125,441; published Apr. 13, 1920.

Steiner & Son, Incorporated, Asbury Park, N. J. Sleeping garments for men and boys. 163,627; Jan. 23.

Steinert, M., & Sons Co., Boston, Mass. Player pianos, piano players, pianos, organs. 165,330; Mar. 6; Serial No. 154,670; published Nov. 14, 1922.

Steinfeld, Inc., New York, N. Y. Ice-cream freezers. 174,278; Oct. 2; Serial No. 178,574; published July 17, 1923.

Steinhauser Bros., Parkdale, Oreg. Fresh apples, pears, strawberries, and potatoes. 164,948; Feb. 27.

Stelwagon Manufacturing Co., Philadelphia, Pa. Roof cement or coating for closing and preventing leaks in roofing. 163,537; Jan. 16.

Stelwagon Manufacturing Co., Philadelphia, Pa. Black paraffin paint. 166,067; Mar. 27; Serial No. 160,368; published Nov. 14, 1922.

Stember, John, & Co., New York, N. Y. Leather novelties—viz, men's bill folds, coin purses, and pocketbooks, etc. 163,698; Jan. 23.

Stemco Engineering Company, The, Dayton, Ohio. Gasoline gauges. 168,180; May 15; Serial No. 169,337; published Jan. 2, 1923.

Stemmler, Theodore W., doing business as Evonol Laboratories, New York, N. Y. Preparation for use in the treatment of inflamed eyes. 172,558; Sept. 11; Serial No. 171,576; published Apr. 17, 1923.

Stemmler, Theodore W., doing business as Evonol Laboratories, New York, N. Y. Preparation for inflammatory conditions. 172,559; Sept. 11; Serial No. 171,575; published Apr. 17, 1923.

Stephano Brothers, Philadelphia, Pa. Cigarettes. 173,133; Sept. 18; Serial No. 178,636; published June 12, 1923.

Stephen L. Bartlett Company, Boston, Mass. Cocoa. 168,778; May 29; Serial No. 111,076; published June 10, 1919.

Stephens, A. J., Rubber Co., Kansas City, Mo. Subcasings of fabric, rubber, and gum for tires. 163,180; Jan. 2.

Stephens, A. J., Rubber Co., Kansas City, Mo. Packages for use in making emergency repairs to the fan drives of automobiles, etc. 167,452; May 1; Serial No. 162,360; published Dec. 19, 1922.

Stephens, A. J., Rubber Co., Kansas City, Mo. Outer tires or coverings for pneumatic-tire casings. 171,516; Aug. 7; Serial No. 173,306; published Apr. 17, 1923.

Stephens-Bradley Company, Lindale, Ga. Kidney and bladder pills. 174,042; Oct. 2; Serial No. 177,462; published July 10, 1923.

Stephens Canning Corporation, Oakfield, Wis. Canned peas. 171,653; Aug. 7.

Stephens Motor Car Company, Incorporated, Moline, Ill. Automobiles. 171,530–1; Aug. 7; Serial Nos. 175,571–2; published May 8, 1923.

Stephenson Radio Co., Indianapolis, Ind. Radio equipment. 164,530; Feb. 20.

Stephenson, Samuel C., assignor to Lincoln School Supply Company, Lincoln, Nebr. Printed forms, loose-leaf covers and fillers, blank, order, and plan books, etc. 163,951; Feb. 6.

Steppacher, Lester G., Co., Inc., Philadelphia, Pa. Pyjamas. 166,622; Apr. 10; Serial No. 168,861; published Jan. 2, 1923.

Sterling Company, The, Chicago, Ill. Women's aprons and house dresses. 176,555; Nov. 27; Serial No. 180,948; published Aug. 28, 1923.

Sterling Engine Co., Buffalo, N. Y. Internal-combustion engines. 175,537; Nov. 6; Serial No. 180,777; published Aug. 21, 1923.

Sterling Iron Works, Inc., Stockton, Calif. Electrically-operated deep-well and turbine pumps. 177,761; Dec. 25; Serial No. 177,114; published Oct. 9, 1923.

Sterling Laboratories, New York, N. Y. Dental investment compounds. 163,451; Jan. 9.
Sterling Milk Company, Oklahoma, Okla. Bottled and canned processed milk, cream, and chocolate milk food beverages. 176,102; Nov. 13.
Sterling Milk Company, Oklahoma, Okla. Preserved milk, cream, and milk-chocolate drinks. 176,287; Nov. 20; Serial No. 178,297; published Sept. 4, 1923.
Sterling Products Corporation, St. Louis, Mo. Camp-fire stakes for supporting cooking and other utensils. 167,846; May 8; Serial No. 165,040; published Feb. 1923.
Sterling Sales Co. (See Rosenberg, Albert E.)
Sterling Top & Equipment Company, Inc., Jersey City, N. J., and New York, N. Y. Automobile tops. 171,587; Aug. 7; Serial No. 175,573; published May 22, 1923.
Sterling Underwear Company, Chicago, Ill. Underwear for women. 176,260; Nov. 20; Serial No. 180,561; published Sept. 11, 1923.
Sterling Wheelbarrow Co., Milwaukee, Wis. Wheelbarrows. 167,352; May 1; Serial No. 150,489; published Jan. 23, 1923.
Stern, C., & Mayer, Inc., New York, N. Y. Scarfs, neckties, cravats, and reefers. 174,621–2; Oct. 23; Serial Nos. 179,436–7; published Aug. 7, 1923.
Stern Clothing Co., New York, N. Y. Men's and young men's suits and topcoats. 171,316; Aug. 7; Serial No. 167,851; published May 1, 1923.
Stern, Louis, Company, Providence, R. I. Bracelets, necklaces, neck chains, key chains, etc. 166,586; Apr. 10; Serial No. 171,769; published Jan. 23, 1923.
Stern, Max, Charleroi, Pa. Cigars. 171,079; July 31; Serial No. 169,516; published May 8, 1923.
Stern, Merritt Co., Inc., New York, N. Y. Neckties. 173,875–6; Oct. 2; Serial Nos. 175,893–4; published July 10, 1923.
Sternberg, Jos., & Son, New Orleans, La. Men's and boys' outer garments. 163,842; Jan. 30.
Sternlop, Axel U., Worcester, Mass. Cold cream. 173,428; Sept. 25; Serial No. 162,775; published June 26, 1923.
Sterns, Limited, London, England. Lubricating oils and greases. 163,403; Jan. 9.
Sterns, Limited, London, England. Lubricating preparations. 164,513; Feb. 20.
Stero Corporation, The, Wilmington, Del. Handmade Chinese wool rugs and hair nets. 177,772; Dec. 25; Serial No. 184,191; published Oct. 2, 1923.
Stero-Oil Company. (See Emeis, Harry P.)
Sterrett & Fleming, Incorporated, Washington, D. C. Used and secondhand motor vehicles. 174,608; Oct. 23; Serial No. 176,369; published July 17, 1923.
Sterrick, Harrison D., doing business as Diamond Food Products Company and National Food Corporation, Pittsburgh, Pa. Combination of malt extracts for beverage purposes. 173,959; Oct. 2; Serial No. 154,939; published July 10, 1923.
Sterrick, Harrison D., doing business as Crystal Chemical Company, Pittsburgh, Pa. Combination of healing and medicinal oils and antiseptics. 177,028; Dec. 11; Serial No. 163,356; published Sept. 18, 1923.
Stetelman, Louis, doing business as Supreme Products Company, Columbus, Ohio. Malt extract for food purpose. 173,136; Sept. 18; Serial No. 178,298; published June 12, 1923.
Stetson, George A., doing business as The Elastic Tip Co., Boston, Mass. Doll houses and furniture. 168,929; May 29; Serial No. 173,791; published Mar. 13, 1923.
Stetson, George A., Boston, Mass. Arch cushions. 175,247–8; Oct. 30.
Stetson, John B., Company, Philadelphia, Pa. Felt hats and caps for men and boys. 176,893; Dec. 4.
Stetson Shirt Co. Inc., New York, N. Y. Men's dress and negligee shirts. 177,411; Dec. 18; Serial No. 179,834; published Oct. 2, 1923.
Stetson Shoe Company, Inc., The, Weymouth, Mass. Boots and shoes for men and women. 166,976; Apr. 17.
Stetson Shop, The, Pittsburgh, Pa. Leather shoes and boots. 171,699; Aug. 7.
Stevens Brothers and Company, Atlanta, Ga. Brick. 169,326; June 12; Serial No. 174,705; published Mar. 27, 1923.
Stevens Brothers and Company, Atlanta, Ga. Fire brick. 169,465; June 19; Serial No. 174,706; published Mar. 27, 1923.
Stevens, Chas. A., & Bros., Chicago, Ill. Silks in the piece. 177,149; Dec. 11; Serial No. 182,446; published Sept. 11, 1923.
Stevens, Chas. A., & Bros., Chicago, Ill. Silks and laces in the piece. 177,150; Dec. 11; Serial No. 182,447; published Sept. 11, 1923.
Stevens & Co. (See Schwab, Louis.)
Stevens & Company Inc., Providence, R. I. Ophthalmic mountings and parts thereof. 167,257; Apr. 24; Serial No. 169,142; published Feb. 6, 1923.
Stevens & Company, Inc., Providence, R. I. Ophthalmic mountings and parts thereof. 169,866; July 3; Serial No. 175,224; published Apr. 10, 1923.
Stevens & Company, Inc., Providence, R. I. Ophthalmic mountings and parts thereof. 171,857; Aug. 14; Serial No. 174,867; published May 1, 1923.
Stevens & Company, Inc., Providence, R. I. Ophthalmic mountings and parts thereof. 171,861; Aug. 14; Serial No. 174,540; published May 22, 1923.
Stevens, Estella, doing business as Madame Stevens, Orlando, Fla. Hair grower. 172,677; Sept. 11; Serial No. 165,642; published May 8, 1923.
Stevens-Etter, San Antonio, Tex. Candy. 168,537; May 22.
Stevens, J., Arms Company, New York, N. Y. Sporting rifles. 173,149; Sept. 18; Serial No. 159,188; published June 19, 1923.
Stevens, J., Arms Company, New York, N. Y. Sporting rifles. 173,158; Sept. 18; Serial No. 159,186; published June 19, 1923.
Stevens, J., Arms Company, New York, N. Y. Shotguns. 173,958; Oct. 2; Serial No. 159,189; published July 17, 1923.
Stevenson, E. A., & Co. Inc., Boonton, N. J. Oleomargarine. 167,025; Apr. 24; Serial No. 161,899; published Dec. 12, 1922.
Stewart Corporation, Chicago, Ill. Writing and drawing surfaces. 172,416; Aug. 28; Serial No. 178,879; published May 29, 1923.
Stewart Corporation, Chicago, Ill. Writing and drawing surfaces. 173,300; Sept. 18; Serial No. 178,880; published June 12, 1923.
Stewart, John K., & Sons, Inc., Amsterdam, N. Y. Undershirts, underdrawers, and union suits made of knitted fabric for men. 174,847; Oct. 23; Serial No. 177,633; published Aug. 7, 1923.
Stewart & Holmes Drug Co., Seattle, Wash. Rubber gloves. 163,961; Feb. 6.
Stewart & Holmes Drug Co., Seattle, Wash. Emery boards used as manicuring instruments, nasal douches, tweezers, nail files, etc. 164,342; Feb. 20.
Stewart & Holmes Drug Co., Seattle, Wash. Toothache remedies, citrate of magnesia, seidlitz powders, liquid shampoo soaps, etc. 173,165; Sept. 18; Serial No. 156,760; published Nov. 7, 1922.
Stewart & Holmes Drug Co., Seattle, Wash. Styptic pencils, liquid preparations, liquid compounds, cough drops, tooth paste, etc. 173,240; Sept. 18; Serial No. 162,904; published Oct. 3, 1922.
Stewart, Q., Company, Milwaukee, Wis. Paste cleaning preparation for marble, terrazzo, and composition surfaces. 163,777; Jan. 30.
Stewart, William H., New York, N. Y. Woolen fabrics. 172,855; Sept. 11; Serial No. 175,629; published June 5, 1923.
Stickles, L. D., Shoe Co., The, Red Wing, Miss. Shoes. 173,319; Sept. 25; Serial No. 173,449; published June 26, 1923.
Stickley, Albert, doing business as Presquele Finishing Co., Grand Rapids, Mich. Furniture stain. 163,764; Jan. 23.
Stillman Freckle Cream Co. (See Bereman, James H.)
Stimpson, Edwin B., Company, Brooklyn, N. Y. Rivets, eyelets, lacing hooks, grommets, washers, etc., made of base metal. 165,965; Mar. 27; Serial No. 157,049; published Dec. 19, 1922.
Stimpson, Edwin B., Company, Brooklyn, N. Y. Rivets, eyelets, lacing hooks, grommets, etc. 166,400; Apr. 3; Serial No. 147,814; published Jan. 2, 1923.
Stinson, Lyman A., doing business as P. & S. Laboratories, Sandwich, Ill. Preparation for the treatment of the eyes. 169,854; July 3; Serial No. 172,243; Mar. 6, 1923.
Stirn, L. & E., New York, N. Y. Artificial silk in the piece. 169,627; June 26; Serial No. 173,685; published Mar. 13, 1923.
Stix, Louis, Co., The, Cincinnati, Ohio. Hosiery. 171,712; Aug. 14; Serial No. 151,678; published Feb. 7, 1922.
Stix, Louis, Co., The, Cincinnati, Ohio, and New York, N. Y. Bleached cotton piece goods. 171,789; Aug. 14; Serial No. 178,640; published May 22, 1923.
Stix, Louis, Co., The, Cincinnati, Ohio, and New York, N. Y. Brown cottons in the piece. 171,790; Aug. 14; Serial No. 178,639; published May 22, 1923.
Stix, Louis, Co., The, Cincinnati, Ohio, and New York, N. Y. Bleached cotton piece goods. 171,793–4; Aug. 14; Serial Nos. 178,637–8; published May 22, 1923.
Stocking Shops of America, Inc., The, Reading, Pa. Hosiery. 176,150; Nov. 20; Serial No. 171,669; published Aug. 28, 1923.
Stockton Commission Co. Inc., New York, N. Y. Fabric belting. 167,787; May 8; Serial No. 166,324; published Feb. 6, 1923.
Stockton Commission Co. Inc., New York, N. Y. Endless woven cord fabrics for use in the manufacture of tires and fabric belting. 168,092; May 15; Serial No. 162,315; published Feb. 20, 1923.
Stockton Paint Company, The, Stockton, Calif. White enamel for outside and inside work. 163,538; Jan. 16.
Stockton Paint Company, The, Stockton, Calif. General-utility varnish. 163,699; Jan. 23.
Stockton Paint Company, The, Stockton, Calif. Varnish stain. 165,786; Mar. 20; Serial No. 164,469; published Dec. 26, 1922.
Stoddard, G. S., & Co., Inc., New York, N. Y. Medicine for hypochondriasis, neuroses, epilepsy, etc. 163,252; Jan. 2.

Alphabetical list of registrants of trade-marks—Continued.

Stoddard, Harry C., doing business as The Brush-On Manufacturing Company, Los Angeles, Calif. Sanitary cleanser and dirt remover. 177,789; Dec. 25.
Stoddard Mill & Grain Company, Advance, Mo. Wheat flour. 177,734; Dec. 25; Serial No. 182,777; published Oct. 2, 1923.
Stoehr, Richmond G., doing business as Santa Clara Company, Boston, Mass. Soft drink. 171,106; July 31; Serial No. 174,491; published May 1, 1923.
Stokes, John S., Philadelphia, Pa. Synthetic resins and moldable materials and compositions containing synthetic resins. 166,026; Mar. 27; Serial No. 163,717; published Oct. 10, 1922.
Stokes Mfg. Co., Montgomery, Pa. Card tables. 165,270; Mar. 6; Serial No. 167,203; published Dec. 12, 1922.
Stolte, Frederick A., Indianapolis, Ind. Beverages to be sold as soft drinks and at soda fountains. 165,542; Mar. 13; Serial No. 160,155; published Jan. 2, 1923.
Stolz Bros-Davis Company Incorporated, Syracuse, N. Y. Cough mixture. 173,902; Oct. 2; Serial No. 176,227; published July 10, 1923.
Stomatol Company of America, The, Highland Park, Ill. Liquid shaving soaps. 167,947; May 8. Serial No. 169,878; published Jan. 30, 1923.
Stone & Andrew Inc., Boston, Mass. Coated book paper. 163,539; Jan. 16.
Stone, F. O., Baking Company, The, Cincinnati, Ohio. Cake. 167,290–1; Apr. 24.
Stone, Karl M., doing business as K. M. Stone Importing Co., New York, N. Y. Leather, canvas, and fabric boots, shoes, and slippers, etc. 168,786; May 29; Serial No. 123,911; published Apr. 27, 1920.
Stone Medicine Company, The, assignor to Frank Z. Woods, Chicago, Ill. Bronchial wafers, troches and lozenges. 23,987; renewed Jan. 2, 1924.
Stone, W. C., Emmett, Idaho. Fresh prunes. 173,617; Oct. 2; Serial No. 166,020; published July 3, 1923.
Stonecutter Mills Co., Spindale, N. C. Ginghams in the piece. 166,764; Apr. 10.
Stonecutter Mills Company, Spindale, N. C. Dress ginghams in the piece. 173,532; Sept. 25.
Stoner, Harry W., doing business as S. & P. Novelty Co., Trenton, N. J. Condiment holder. 168,140; May 15; Serial No. 170,315; published Feb. 20, 1923.
Storgaard, Henry, doing business as Aut-O-Luk Card Co., Yakima, Wash. Card game. 173,714; Oct. 2; Serial No. 178,699; published July 3, 1923.
Stork, Chas. T., & Co., Inc., New York, N. Y. Dynamo-electric lighting plant. 165,117; Mar. 6; Serial No. 120,132; published Dec. 19, 1922.
Stormcote Roofing Corporation. (See Oertel Roofing Manufacturing Company.)
Storms, H. M., Company, Brooklyn, N. Y. Carbon paper. 172,627; Sept. 11; Serial No. 154,850; published May 29, 1923.
Storts, Noah, Hebron, Ohio. Pile remedy. 166,140; Mar. 27; Serial No. 166,722; published Nov. 28, 1922.
Stouffer, Avery M., doing business as Stouffer Products Co., Chicago, Ill. Table sirup. 176,966; Dec. 11; Serial No. 178,300; published Sept. 25, 1923.
Stout, A. L., & Co., Indianapolis, Ind., and New York, N. Y. Piston rods. 170,270; July 10; Serial No. 174,345; published Apr. 17, 1923.
Stover Company, Chicago, Ill. Lubricating oils. 164,114; Feb. 13.
Stover Manufacturing & Engine Co., Freeport, Ill. Windmills. 163,877; Feb. 6.
Stover Manufacturing & Engine Co., Freeport, Ill. Windmills, combustion engines, feed-grinding mills, pump jacks, etc. 164,503; Feb. 20
Stowe & Woodward Company, Newton, and Newton Upper Falls, Mass. Rubber-covered rolls for paper mills, tanneries, bleacheries, etc. 174,893; Oct. 23; Serial No. 178,198; published July 31, 1923.
Stowell, George L., Waltham, Mass. Preparation for an ointment for corns, bunions, calli, cuts, bruises, etc. 175,431; Nov. 6; Serial No. 166,793; published Aug. 14, 1923.
Stowell Manufacturing Co., Jersey City, N. J. Flexible asphalt shingles and sheet roofing and asphalt roll roofing. 165,168; Mar. 6; Serial No. 142,106; published Oct. 10, 1922.
Stoy, Andrew F., doing business as Quaker City Home Beverage Co., Philadelphia, Pa. Malt extract for food purposes. 166,103; Mar. 27; Serial No. 164,841; published Dec. 19, 1922.
Stoy, Johanna J., Los Angeles, Calif. Sirup-impregnated fruit in candy form. 171,406; Aug. 7; Serial No. 141,333; published Mar. 27, 1923.
Strachan, James F., Montreal, Quebec, Canada. Bread, crackers, and muffins. 172,935; Sept. 11; Serial No. 163,006; published June 5, 1923.
Strahan, J. C. J., & Co., Inc., New York, N. Y. Hosiery. 163,628; Jan. 23.
Strahan, J. C. J., & Co., Inc., New York, N. Y. Hosiery. 164,836; Feb. 27.
Strahmann, Henry C., doing business as N. M. P. Laboratories, New York, N. Y. Pile ointment. 167,367; May 1; Serial No. 169,832; published Jan. 23, 1923.
Strain, Lewis K., doing business as Pneumocol Company, Dayton, Ohio. Ointment for use in the treatment of all forms of rheumatism, neuralgia, etc. 168,412; May 22; Serial No. 171,822; published Feb. 20, 1923.
Strait, J. H., & Company, Redlands, Calif. Fresh citrous fruits. 175,651; Nov. 6; Serial No. 181,319; published Aug. 21, 1923.
Strait-Tex Chemical Co., The. (See Proctor, Jennie M.)
Strand Fisheries. (See Strand, Gus.)
Strand, Gus., doing business as Strand Fisheries, Aberdeen, Wash. Canned clams. 166,662; Apr. 10; Serial No. 164,971; published Jan. 30, 1923.
Strasenburgh, R. J., Company, Rochester, N. Y. Tonic for use in connection with convalescence, anæmia, etc. 170,031; July 10; Serial No. 173,686; published Apr. 10, 1923.
Strasenburgh, R. J., Company, Rochester, N. Y. Saline cathartic. 176,411; Nov. 27; Serial No. 178,641; published July 31, 1923.
Strathmore Paper Company, West Springfield, Mass. Paper and envelopes. 165,998; Mar. 27; Serial No. 168,178; published Jan. 2, 1923.
Straubel, C. A., Co., Green Bay, Wis. Cheese. 172,642; Sept. 11; Serial No. 157,857; published Apr. 3, 1923.
Straus-Frank Company, San Antonio, Tex. Top re-coverings and seat covers for vehicles. 167,983; May 8.
Straus & Schram, Chicago, Ill. Electric clothes-washing machines. 163,540; Jan. 16.
Straus, Theodore L., Baltimore, Md. Hops. 167,475; May 1; Serial No. 166,611; published Jan. 2, 1923.
Strauss, Ferdinand Corporation, The, New York, N. Y. Mechanical toys. 176,800; Nov. 27.
Strauss, Lester A., New York, N. Y. Fresh limes and lemons. 175,800; Nov. 13; Serial No. 179,493; published Sept. 4, 1923.
Strauss, Levi, & Co., San Francisco, Calif. Shirts, blouses, coats, pants, etc. 175,589; Nov. 6; Serial No. 179,563; published Aug. 14, 1923.
Strawbridge & Clothier, Philadelphia, Pa. Women's and misses' hats. 163,629; Jan. 23.
Strawbridge & Clothier, Philadelphia, Pa. Women's and misses' knickerbocker sport suits. 164,223; Feb. 13.
Strawbridge & Clothier, Philadelphia, Pa. Shoes made wholly or in part of leather. 166,197; Mar. 27; Serial No. 162,208; published Jan. 2, 1923.
Strawbridge & Clothier, Philadelphia, Pa. Women's and misses' outer garments. 166,291; Mar. 27.
Strawbridge & Clothier, Philadelphia, Pa. Suits. 175,545; Nov. 6; Serial No. 180,151; published Aug. 28, 1923.
Street, John F., & Co., Providence, R. I. Cotton yarns. 177,475; Dec. 18; Serial No. 184,152; published Sept. 25, 1923.
Strevell-Paterson Hardware Co., Salt Lake City, Utah. Blow-out patches, fruit-jar rubbers, and garden hose. 163,181; Jan. 2.
Strevell-Paterson Hardware Co., Salt Lake City, Utah. Razor strops. 168,911; May 29; Serial No. 157,450; published Feb. 27, 1923.
Strickland Machine Company, The, Richmond, Va. Bronze bushings. 163,886; Feb. 6.
Strietmann's, Geo. H., Sons Company, The, Cincinnati, Ohio. Sugar wafers. 167,508; May 1; Serial No. 165,823; published Dec. 12, 1922.
Strite, Daniel D., South Norwalk, Conn. Nonferrous metal alloy. 168,950; May 29; Serial No. 172,403; published Mar. 6, 1923.
Strohmeier, Frederick E., Ashland, Pa. Curtains, draperies, and an open-mesh netted fabric. 167,101; Apr. 24; Serial No. 169,091; published Feb. 6, 1923.
Strohmeier, Frederick E., Ashland, Pa. Sweaters, scarfs, outer shirts and vests, shawls, caps, hats, and girdles. 168,616; May 29; Serial No. 169,092; published Feb. 13, 1923.
Strohmeyer & Arpe Company, New York, N. Y. Vegetable oil flavored with olive oil. 168,571; May 29; Serial No. 166,959; published Feb. 20, 1923.
Strohmeyer & Arpe Company, New York, N. Y. Olive and salad oils. 171,200; July 31; Serial No. 151,237; published May 1, 1923.
Stromberg, Benjamen, New York, N. Y. Men's soft collars. 163,850; Jan. 30.
Strong Machinery & Supply Co., New York, N. Y. Machinery packing, valve disks, belting, hose, and buffers. 163,452; Jan. 9.
Stroock, S., & Co., New York, N. Y. Cloth of camel's hair. 165,935; Mar. 20.
Stroock, S., & Company, Inc., New York, N. Y. Pile fabric in the piece. 174,026; Oct. 2; Serial No. 176,434; published June 19, 1923.
Stroschein, Johann E., Berlin, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del. Remedy for diabetes. 23,493; renewed Aug. 15, 1923.
Stroud, Benjamin F., Omo Ranch, Calif. Preparation for piles, fistula, cuts, bruises, etc. 164,284; Feb. 20.
Stroud-Dockum Grocery Co., Corsicana, Tex. Wheat flour. 167,016; Apr. 24; Serial No. 162,354; published Jan. 30, 1923.
Strouse, Adler & Co., New Haven, Conn. Corsets. 163,253–5; Jan. 2.
Strouse, Adler & Co., New Haven, Conn. Corsets. 165,932; Mar. 20.
Strouse, Adler & Co., New Haven, Conn. Corsets. 166,041; Mar. 27; Serial No. 167,947; published Jan. 2, 1923.
Strouse, Adler & Co., New Haven, Conn. Corsets. 166,042; Mar. 27; Serial No. 167,950; published Jan. 2, 1923.

Strouse, Adler & Co., New Haven, Conn. Corsets. 166,043–4; Mar. 27; Serial Nos. 167,955–6; published Jan. 2, 1923.

Strouse, Adler & Co., New Haven, Conn. Corsets. 168,630; May 29; Serial No. 167,952; published Jan. 30, 1923.

Strype, Fred C., New York, N. Y. Wrapping paper, waxed, parchment, and greaseproof paper, etc. 166,377; Apr. 3; Serial No. 169,790; published Nov. 14, 1922.

Strype, Fred. C., New York, N. Y. Wrapping, etc., paper. 166,934–5; Apr. 17; Serial Nos. 168,385–6; published Jan. 16, 1923.

Strype, Fred C., New York, N. Y. Apple wrappers. 171,005; July 31; Serial No. 176,924; published May 15, 1923.

Stuart & Emerson, Lyndonville, Vt. Ice cream. 173,171; Sept. 18; Serial No. 168,130; published May 22, 1923.

Stuart, Fred W., Beverly, Mass. Shoe lasts. 167,854; May 8; Serial No. 163,059; published Jan. 30, 1923.

Stuart, Keith & Co. Inc., Baltimore, Md. Overalls, work shirts, and rompers. 163,973; Feb. 6.

Stuart Packing Corporation, Seattle Wash. Canned salmon. 176,528; Nov. 27; Serial No. 182,622; published Sept. 11, 1923.

Stubbs, India K., Monroe, La. Dolls and contortional figures. 169,960; July 10; Serial No. 174,707; published Apr. 10, 1923.

Stubs, Peter, Limited, Warrington and Rotherham, England. Steel, steel wire, tools, files and saws. 22,752–3; renewed Apr. 4, 1923.

Sturdy's, J. F., Sons Co., Attleboro Falls, Mass. Buckles, cuff buttons, cuff links, collar buttons, etc. 171,638; Aug. 7.

Sturges Company, The, Meridian, Miss. Feed for oxen. 167,888; May 8; Serial No. 168,076; published Feb. 6, 1923.

Sturges Company, The, Meridian, Miss. Horse, mule, cow, cattle, and poultry feeds. 167,889; May 8; Serial No. 168,077; published Feb. 6, 1923.

Sturges Company, The, Meridian, Miss. Horse and mule feed. 172,743; Sept. 11; Serial No. 168,079; published May 1, 1923.

Sturges, Preston, Brooklyn, N. Y. Face powders, rouges. 176,220; Nov. 20; Serial No. 176,579; published Aug. 7, 1923.

Sturgis Manufacturing Co., Sturgis, Mich. Metal curtain rods. 163,679; Jan. 23.

Sturm & Scheinberg, New York, N. Y. Garters and arm bands. 169,494; June 19; Serial No. 148,822; published Mar. 27, 1923.

Style-Center Tailoring Company, The, Cincinnati, Ohio. Men's and young men's garments. 168,324; May 22; Serial No. 166,410; published Dec. 19, 1922.

Style-Center Tailoring Company, The, Cincinnati, Ohio. Women's and young women's clothing and garments. 173,204; Sept. 18; Serial No. 172,566; published June 19, 1923.

Submarine Pyorrhea Co. (See Baggett, James A.)

Success Heater and Manufacturing Company, Des Moines Iowa. Warm-air heaters and furnaces. 168,521; May 22.

Success Pharmacal Co. (See Schulze, Louis.)

Successful Farming Publishing Co., Des Moines, Iowa. Monthly publication. 168,895; May 29; Serial No. 168,436; published Feb. 27, 1923.

Suchywerke, A. G., Vienna, Austria. Pharmaceutical preparations for diseases of the blood and skin. 167,723; May 8; Serial No. 151,235; published Jan. 3, 1923.

Sudermann & Co., New York, N. Y. General tonic. 170,111; July 10; Serial No. 159,772; published Mar. 20, 1923.

Su-Dex Wood Curing Company, Inc., Coscob, Conn., and Brooklyn, N. Y. Treated wood. 175,383–4; Nov. 6; Serial Nos. 164,606–7; published Aug. 28, 1923.

Su-Dex Wood Curing Company, Inc., Coscob, Conn., and Brooklyn, N. Y. Carbohydrates and chemicals used in the treatment, processing, etc., of wood, lumber, etc. 176,114; Nov. 20; Serial No. 164,608; published Aug. 14, 1923.

Suffern, Robert A., New York, N. Y. Unbleached sheetings and drills. 171,208; July 31; Serial No. 157,109; published Apr. 17, 1923.

Suffern, Robert A., New York, N. Y. Unbleached sheetings and drills. 171,312; Aug. 7; Serial No. 166,856; published Mar. 27, 1923.

Sugar Cone Manufacturing Corp., Brooklyn, N. Y. Sugar cones. 173,192; Sept. 18; Serial No. 167,538; published June 19, 1923.

Sugar Loaf Beverage Co., The, Winona, Minn. Beverage sold as a soft drink. 173,633; Oct. 2; Serial No. 108,728; published Feb. 8, 1921.

Sugarine Company Incorporated, The, Owensboro, Ky. Dairy and scratch feeds. 163,630–1; Jan. 23.

Suhling & Co. Inc., Lynchburg, Va. Leaf tobacco. 167,176–7; Apr. 24; Serial Nos. 172,019–20; published Jan. 9, 1923.

Suliman, Ibish, Lynn, Mass. Soaps. 171,706; Aug. 14; Serial No. 174,944; published May 8, 1923.

Sullivan Company, The, Memphis, Tenn. Composition for use in hardening cement. 169,436; June 19; Serial No. 173,305; published Mar. 27, 1923.

Sullivan, Hensley & Ponto, Denver, Colo. Ice-cream confections. 176,018; Nov. 13; Serial No. 177,145; published July 3, 1923.

Sullivan, Hugh C., Frostproof, Fla. Fresh citrous fruits. 168,547; May 29; Serial No. 159,536; published Jan. 16, 1923.

Sullivan, J., & Sons Manufacturing Co., Philadelphia, Pa. Tapes and bindings. 165,319; Mar. 6; Serial No. 167,852; published Dec. 5, 1922.

Sullivan Machinery Company, Boston, Mass., and Chicago, Ill. Mining machines, hoisting mechanism, grinders, and rotary engines. 164,992; Feb. 27.

Sullivan Machinery Company, Boston, Mass., and Chicago, Ill. Percussive tools. 166,031; Mar. 27; Serial No. 167,202; published Dec. 5, 1922.

Sullivan Machinery Company, Boston, Mass., and Chicago, Ill. Percussive drills. 177,806; Dec. 25.

Sullivan, Marguerite, doing business as Domino House, Philadelphia, Pa. Facial and toilet preparations—namely, toilet cream. 164,622; Feb. 20.

Sullivan, Marguerite, doing business as Domino House, Philadelphia, Pa. Facial and toilet preparations—namely, powder and liquid tonics for treating the hair and scalp. 164,623; Feb. 20.

Sullivan, Marguerite, doing business as Domino House, Philadelphia, Pa. Facial and toilet preparations—namely, complexion clay. 166,100–2; Mar. 27; Serial Nos. 168,838–40; published Oct. 10, 1922.

Sullivan, Marguerite, doing business as Domino House, Philadelphia, Pa. Facial and toilet preparations—namely, toilet powder. 170,570; July 17; Serial No. 164,677; published Oct. 10, 1922.

Sullivan Packing Company, Detroit, Mich. Hams, bacon, sausage, lard, and boiled hams. 167,008; Apr. 17.

Sullivan, R. G., Estate, Manchester, N. H. Cigars. 171,670; Aug. 7.

Sullivan, Sidney Y., Newark, N. J. Household tables. 168,910; May 29; Serial No. 159,292; published Mar. 6, 1923.

Sulpho-Napthol Company, The, Boston, Mass. Tree and plant spray solutions. 177,356; Dec. 18; Serial No. 181,964; published Sept. 25, 1923.

Sultan Drug Company, St. Louis, Mo. Remedies for diseases of the stomach and bowels. 24,320; renewed Mar. 6, 1924.

Sultenfuss, George M., doing business as G. M. Sultenfuss & Co., Los Angeles, Calif. Table salt 173,546; Sept. 25.

Summerfield Company, Boston, Mass. Stoves. 174,904; Oct. 23; Serial No. 178,883; published July 24, 1923.

Summerour & Son, Vernon, Tex. Farm seeds. 173,110; Sept. 18; Serial No. 171,773; published June 12, 1923.

Summers, Charles G., & Co., Inc., Baltimore, Md., assignor to The Torsch-Summers Co. Canned fruits and vegetables. 169,488; June 19; Serial No. 118,451; published Nov. 2, 1920.

Sumner Co., The, Akron, Ohio. Butter. 168,668; May 29; Serial No. 152,968; published Mar. 6, 1923.

Sumner Specialty Co. (See Shriberg, Samuel.)

Sum-Shine Polish Co., Columbus, Ohio. Metal polish. 165,143; Mar. 6; Serial No. 149,363; published July 25, 1922.

Sumter Brick Works, Sumter, S. C. Bricks. 175,046; Oct. 30; Serial No. 179,629; published Aug. 7, 1923.

Sun-Bil Auto Polish Co., Somerville, Mass. Polish for automobiles, furniture, etc. 171,554; Aug. 7; Serial No. 177,926; published May 8, 1923.

Sun Company (now by change of name Sun Oil Company), Philadelphia, Pa. Lubricating oils. 168,007; May 8.

Sun Drug Co., The, Los Angeles, Calif. Olive oil, caraway and celery seeds, cocoa butter, etc. 170,912; July 24; Serial No. 139,632; published Apr. 3, 1923.

Sun Drug Company, The, Los Angeles, Calif. Wood and other alcohols, acetic acid, etc. 172,649; Sept. 11; Serial No. 139,634; published Mar. 27, 1923.

Sun-Herald Corporation, The, New York, N. Y. Cartoon serials. 172,080; Aug. 21; Serial No. 176,370; published May 22, 1923.

Sun Maid Raisin Growers. (See California Associated Raisin Co.)

Sun Maid Raisin Growers, Fresno, Calif. Candy and candy fillers. 167,816; May 8; Serial No. 163,706; published Feb. 20, 1923.

Sun Oil Company, Philadelphia, Pa. Spraying oil. 177,042; Dec. 11; Serial No. 180,562; published Sept. 18, 1923.

Sun Patent Developing Co., The, St. Louis, Mo. Shoe heel plates, shoe toe plates, and shoe toe protectors. 175,412; Nov. 6; Serial No. 163,547; published Aug. 21, 1923.

Sun Ray Products Co., The. (See Ismert-Hincke Milling Company.)

Sunbeam Chemical Company, Chicago, Ill. Shoe and leather polish. 165,110; Mar. 6; Serial No. 136,854; published Dec. 12, 1922.

Sunkist Lemon Pie Company, Chicago, Ill. Lemon-meringue pies. 176,568; Nov. 27; Serial No. 178,576; published Sept. 18, 1923.

Sunland Packing House Company, Porterville, Calif. Fresh citrus fruits. 166,451; Apr. 3; Serial No. 166,106; published Jan. 16, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Sunman & Hewson, Luton, England. Hats for women and children. 176,264; Nov. 20; Serial No. 177,146; published July 24, 1923.

Sunny Susan Laboratories, Inc., Buffalo, N. Y. Freckle-removing or bleaching cream. 176,236; Nov. 20; Serial No. 164,567; published Aug. 7, 1923.

Sunray Stove Company, The, Delaware, Ohio. Gas ranges and heaters. 171,478; Aug. 7; Serial No. 178,071; published May 22, 1923.

Sunrise Optical Co. (See Hinckley, Don H.)

Sunset Feather Co., San Francisco, Calif. Pillows and cushions. 172,346; Aug. 28; Serial No. 172,911; published May 1, 1923.

Sunset Fruit Co., Lodi, Calif. Fresh grapes. 173,639; Oct. 2; Serial No. 168,387; published July 3, 1923.

Sunset Manufacturing Co. (See Laudeman, Jesse O.)

Sunset Paint Company, Los Angeles, Calif. Iron enamel. 166,153; Mar. 27; Serial No. 155,711; published Dec. 5, 1922.

Sunset Paint Company, Los Angeles, Calif. Medium flat varnish, brown japan, and brown varnish, etc. 172,053; Aug. 21; Serial No. 127,667; published Nov. 9, 1920.

Sunset Paint Company, Los Angeles, Calif. House paint, floor finish, wall-paint reducer, color varnish. 172,054; Aug. 21; Serial No. 127,665; published Aug. 31, 1920.

Sunshine Cloak & Suit Co., The, Cleveland, Ohio. Coats, suits, and dresses for ladies, misses, and children. 164,761; Feb. 27.

Sunshine Stores, Inc., San Francisco, Calif. Butter. 171,027; July 31; Serial No. 168,498; published Mar. 20, 1923.

Super Cement (America) Company, Limited, Toronto, Canada. Portland cements. 173,072; Sept. 11.

Super-Refined Metals Company, Los Angeles, Calif. Bearing metals. 177,248; Dec. 11; Serial No. 183,420; published Sept. 25, 1923.

Super Seal Piston Ring Company, Hanford, Calif. Piston rings. 171,966; Aug. 14.

Super-Tex, Inc., New York, N. Y. Woolen piece goods. 163,988; Feb. 6.

Super-Tex, Inc., New York, N. Y. Woolen piece goods. 164,065–6; Feb. 13.

Superior Athletic Underwear Company, The, Piqua, Ohio. Union and combination suits, undershirts, underdrawers. 174,269; Oct. 9; Serial No. 174,642; published July 10, 1923.

Superior Clothing Company, The, New York, N. Y. Pants, vests, and coats. 163,256; Jan. 2.

Superior Clothing Company, The, New York, N. Y. Pants, vests, and coats. 172,151; Aug. 21.

Superior Flake Graphite Company, Chicago, Ill. Graphite. 171,495; Aug. 7; Serial No. 171,968; published May 22, 1923.

Superior Garment Company, Inc., New York, N. Y. Ladies' coats. 176,252; Nov. 20; Serial No. 181,356; published Sept. 11, 1923.

Superior Ice Company, The. (See Irwin, Oliver C., assignor.)

Superior Metal Products Company, The, Elyria, Ohio. Locking steering wheels for automobiles. 166,738; Apr. 10.

Superior Silver Company, Inc., Brooklyn, N. Y. Lamp standards, fruit bowls, candlesticks, comports, etc. 168,381; May 22; Serial No. 169,466; published Feb. 20, 1923.

Supplee-Biddle Hardware Company, Philadelphia, Pa. Phonographs, talking machines, and reproducers, horns, etc. 174,349; Oct. 16; Serial No. 140,683; published June 19, 1923.

Supplee-Wills-Jones Milk Company, Philadelphia, Pa. Raw, pasteurized, and certified milk, buttermilk. 175,707; Nov. 6.

Supplee-Wills-Jones Milk Company, Philadelphia, Pa. Raw milk, raw cream, pasteurized milk and cream, etc. 177,706; Dec. 25; Serial No. 164,457; published Oct. 2, 1923.

Supreme Orient O. O. H. & P., Schenectady, N. Y. Letterheads, envelopes, report blanks, etc. 169,998; July 10; Serial No. 145,597; published Apr. 3, 1923.

Supreme Orient O. O. H. & P., Schenectady, N. Y. Lapel buttons. 174,741; Oct. 23; Serial No. 145,596; published July 24, 1923.

Supreme Products Company. (See Stetelman, Louis.)

Supreme Suspender Co. (See Englander, Herman.)

Surbrug Chocolate Corporation. (See Surbrug, John W.)

Surbrug, John W., doing business as Surbrug Chocolate Corporation, New York, N. Y. Candy and sugared assorted nuts. 171,503; Aug. 7; Serial No. 169,962; published May 22, 1923.

Sur-Duz Products Company, Kansas City, Mo. Automobile auxiliary gasoline tank. 171,462; Aug. 7; Serial No. 167,957; published May 8, 1923.

Sure-Edge Stropper Company, Minneapolis, Minn. Razor-blade-stropping holders. 171,870; Aug. 14; Serial No. 174,187; published May 1, 1923.

Surety Motor Bonding Co., Chicago, Ill. Rebuilt or renewed electrical motors. 163,257; Jan. 2.

Sureway Chemical Company, St. Louis, Mo. Chemical preparation for the removal and prevention of scale, corrosion, pitting, and foaming in boilers. 165,549; Mar. 13; Serial No. 149,561; published Dec. 12, 1922.

Surfix Chemical Co., Detroit, Mich. Finishing or polishing material. 176,049; Nov. 13; Serial No. 180,904; published Sept. 4, 1923.

Surgeons Specialty Company, The, Cincinnati, Ohio. Non-alcoholic witch-hazel. 168,342; May 22; Serial No. 154,066; published Feb. 20, 1923.

Surpass Chemical Co. Inc., Albany, N. Y. Material for bleaching and degumming silk. 169,619; June 26; Serial No. 172,658; published Mar. 6, 1923.

Surpass Chemical Co. Inc., Albany, N. Y. Chemical preparation for bleaching material. 173,829; Oct. 2; Serial No. 175,170; published June 26, 1923.

Susanna Cocroft Laboratories Inc., New York, N. Y. Soap. 174,799; Oct. 23; Serial No. 180,751; published July 24, 1923.

Susie, Fred, Volga, Iowa. Eggs in their natural state. 167,026; Apr. 24; Serial No. 161,864; published Dec. 12, 1922.

Suspender, W. B., House. (See Wechsler, Isaac.)

Susquehanna Silk Mills, New York, N. Y. Silk piece goods. 172,762; Sept. 11; Serial No. 174,868; published Apr. 17, 1923.

Susquehanna Silk Mills, New York, N. Y. All-silk piece goods. 177,663; Dec. 25; Serial No. 181,154; published Oct. 9, 1923.

Susquehanna Silk Mills, New York, N. Y. Silk and wool mixed piece goods. 177,664; Dec. 25; Serial No. 181,155; published Oct. 9, 1923.

Sussfeld, Lorsch & Schimmel, New York, N. Y. Ophthalmic-lens blanks. 170,291; July 10; Serial No. 176,766; published Apr. 17, 1923.

Sussfeld, Lorsch & Schimmel, New York, N. Y. Ophthalmic lenses and blanks. 170,292; July 10; Serial No. 176,767; published Apr. 17, 1923.

Sussman, M., & Sons, Philadelphia, Pa. Men's coats, vests, and trousers. 163,182; Jan. 2.

Sussman, Wormser & Co., San Francisco, Calif. Macaroni, spaghetti, and vermicelli. 166,703; Apr. 10; Serial No. 167,431; published Feb. 6, 1923.

Sussman, Wormser & Co., San Francisco, Calif. Canned corn. 168,509; May 22.

Sussman, Wormser & Co., San Francisco, Calif. Canned fruits. 177,234; Dec. 11; Serial No. 181,575; published Sept. 25, 1923.

Sutcliffe, Speakman and Company, Limited, Leigh, England. Pressing, grinding, and elevating machinery, brick, concrete, and cement making machinery. 166,235; Mar. 27; Serial No. 165,317; published Dec. 5, 1922.

Sutermeister, Lowell A., Dayton, Ohio. Ice-cream portion. 174,712; Oct. 23; Serial No. 172,912; published July 24, 1923.

Sutton & Darbyshire, Incorporated, Philadelphia, Pa. Periodical. 177,449; Dec. 18; Serial No. 182,020; published Sept. 25, 1923.

Swan, May E., doing business as Madame J. E. Swan, New York, N. Y. Hair gloss and grower. 169,778; July 3; Serial No. 168,737; published Mar. 13, 1923.

Swansdown Sanitary Garment Company. (See Brown, James E.)

Swart, Winter B., Brooklyn, N. Y. Candy. 175,270; Oct. 30.

Swartz Brothers, Chicago, Ill. Rubber cement, rim and gasket cement, liquid puncture repair for bicycle tires, and friction adhesive tape. 163,730; Jan. 23.

Swartz Brothers, Chicago, Ill. Automobile and cycle tire boots and patches and patching material for rubber tires. 174,455; Oct. 16; Serial No. 158,900; published June 26, 1923.

Swastika Fuel Company, Raton, N. Mex. Coal and coke. 169,060–1; June 5; Serial Nos. 171,597–8; published Mar. 27, 1923.

Swayne, Joseph J., doing business as Jo-Lo Rug Cleaning Mfg. Co., Philadelphia, Pa. Compound for cleaning rugs. 173,879; Oct. 2; Serial No. 175,970; published July 10, 1923.

Sweater & Knitted Textile Publicity Bureau, Inc., New York, N. Y. Knitted outer garments. 172,164–6; Aug. 21.

Sweet Candy Company, Salt Lake City, Utah. Pop-corn confection. 165,825; Mar. 20; Serial No. 165,315; published Jan. 2, 1923.

Sweet, Dominick, trading as The Sweet Manufacturing Company, North Side, Pittsburgh, Pa. Medicines and toilet preparations. 168,277; May 15.

Sweet, Dominick, doing business as The Sweet Manufacturing Company, Pittsburgh, Pa. Medicines and toilet preparations. 172,678; Sept. 11; Serial No. 164,776; published May 8, 1923.

Sweet, Dominick, doing business as The Sweet Manufacturing Company, Pittsburgh, Pa. General system tonic. 173,101; Sept. 18; Serial No. 177,115; published June 12, 1923.

Sweet Manufacturing Company, The. (See Sweet, Dominick.)

Sweet-Orr & Co., Inc., Wappingers Falls and New York, N. Y. Pants, Norfolk jackets, coats, and vests 174,271; Oct. 9; Serial No. 174,221; published July 3, 1923.

Sweet, Wm. S., & Son, Inc., Providence, R. I. Watermelons. 177,041; Dec. 11; Serial No. 180,563; published Sept. 25, 1923.

Sweet, Wm. S., & Son, Inc., Providence, R. I. Watermelons. 177,046; Dec. 11; Serial No. 180,507; published Sept. 25, 1923.

Sweetser & Son, New York, N. Y. Men's, youths,' and boys' textile underwear, shirts, and blouses. 165,584; Mar. 13; Serial No. 163,118; published Dec. 12, 1922.

Swenson Evaporator Company, Harvey, Ill. Evaporators. 175,192; Oct. 30; Serial No. 175,530; published Aug 14, 1923.

Swift & Company, Chicago, Ill. Pepsin pancreatin and rennet and their compounds. 22,539; renewed Feb. 28, 1923.

Swift and Company, Chicago, Ill. Eggs. 165,125; Mar. 6; Serial No. 161,278; published Nov. 14, 1922.

Swift & Company, Chicago, Ill. Substitute for lard. 22,797; renewed Apr. 11, 1923.

Swift and Company, Chicago, Ill. Dressed poultry. 166,899; Apr. 17; Serial No. 165,096; published Jan. 30, 1923.

Swift and Company, Chicago, Ill. Lard substitutes. 167,712; May 8; Serial No. 160,637; published Feb. 27, 1923.

Swift and Company, Chicago, Ill. Butter, cheese, eggs, and sausage. 170,926; July 24; Serial No. 163,186; published Mar. 20, 1923.

Swift, G. A., Selma, Ala. Digestant compound. 172,709; Sept. 11; Serial No. 175,531; published May 15, 1923.

Swine Breeders Pure Serum Company, Thorntown, Ind. Toilet soap. 171,856; Aug. 14; Serial No. 174,869; published May 1, 1923.

Swing, M. E., Company, Washington, D. C. Coffee. 166,890; Apr. 17; Serial No. 167,104; published Feb. 6, 1923.

Swingley Bros., Rockford and Freeport, Ill., and Beloit, Wis. Butter. 177,733; Dec. 25; Serial No. 182,781; published Oct. 2, 1923.

Swint, Davis & Davis, Atlanta, Ga. Cigars. 170,457; July 17; Serial No. 172,362; published Apr. 10, 1923.

Swiss Textile Co., Inc., New York, N. Y., and Assonet, Mass. Sanitary napkins and hospital supplies. 166,052; Mar. 27; Serial No. 168,437; published Nov. 14, 1922.

Switzer, F. M., doing business as Switzer's Yellow Jacket Company, St. Louis, Mo. Candies. 165,795; Mar. 20; Serial No. 163,359; published Dec. 26, 1922.

Switzer's Yellow Jacket Company. (See Switzer, F. M.)

Swope, John A., jr., doing business as Human Hand Cake Beater Co., Union Deposit, Pa. Cake beaters and mixers. 173,934; Oct. 2; Serial No. 177,333; published July 17, 1923.

Sylmar Packing Corporation, Los Angeles, Calif. Pickled pimientos. 176,541; Nov. 27; Serial No. 182,449; published Sept. 11, 1923.

Sylvan Toilet Co., assignor to Albert F. Wood, Detroit, Mich. Cosmetic lotion cream, jelly and soap for the toilet. 24,186; renewed Feb. 6, 1924.

Symbolox Box Co. (See Conley, Frederick T.)

Symmes, Whitman, San Francisco, Calif. Electrical outlet fixtures. 177,697–8; Dec. 25; Serial Nos. 183,349–50; published Oct. 9, 1923.

Symns Grocer Co., The, Atchison, Kans. Canned fruits, vegetables, and fish. 173,017; Sept. 11; Serial No. 173,152; published June 5, 1923.

Symons Brothers and Company, Saginaw, Mich. Clothing. 173,580; Sept. 25.

Symons-Moffett Co., Flint, Mich. Coffee, tea, canned vegetables and fruits, and evaporated milk. 163,632; Jan. 23.

Syndicat pour l'Exploitation des Machines à Fabriquer les Cigares Brevets Cornelis, Antwerp, Belgium. Cigar making machines. 172,493; Aug. 28.

Syracuse Glass Company, Syracuse, N. Y. Plate glass, mirror glass, and crystal sheeting. 173,007; Sept. 11; Serial No. 178,007; published June 5, 1923.

Sziber, Steve A. D., New York, N. Y. Medicine for tuberculosis, etc. 177,047; Dec. 11; Serial No. 180,508; published Sept. 18, 1923.

T. & A. Chemical Company, Boston, Mass. Automobile and furniture polishes. 169,651; June 26; Serial No. 168,742; published Mar. 27, 1923.

T. & C. Corporation, New York, N. Y. Food products. 177,165; Dec. 11; Serial No. 173,863; published Aug. 7, 1923.

T & T Storage Battery Co., Long Beach, Calif. Storage batteries. 165,061; Mar. 6; Serial No. 166,272; published Nov. 28, 1922.

Tab-Co Company, Washington, D. C. Tablets for headaches, colds, and grippe. 167,843; May 8; Serial No. 169,190; published Feb. 13, 1923.

Tablax Company. (See Weiner, Louis I.)

Tabler, John H., Washington, D. C. Buckles and straps for baggage, horse equipments, portfolios, and pocketbooks. 169,594; June 26; Serial No. 137,973; published Mar. 27, 1923.

Tablets and book covers. Smith Tablet Company Inc., Holyoke, Mass. 169,366; June 12; Serial No. 175,220; published Mar. 27, 1923.

Tacoma Biscuit & Candy Co., Tacoma, Wash. Soda crackers. 171,342; Aug. 7; Serial No. 172,913; published Apr. 10, 1923.

Tacoma Biscuit & Candy Company, Tacoma, Wash. Candy. 172,766; Sept. 11; Serial No. 174,600; published June 5, 1923.

Taft, Royal C., doing business as R. C. Taft Company, Chicago, Ill. Ribbon novelties or trims as may be used upon powder puffs, camisole straps, lingerie sets, etc. 170,646; July 17; Serial No. 170,164; published Apr. 24, 1923.

Taggart, Alice G., Pittsburgh, Pa. Antiseptic healing ointments and lubricants. 164,321; Feb. 20.

Taggart Baking Company, Indianapolis, Ind. Sugar wafers. 176,330; Nov. 20.

Taggart Baking Company, Indianapolis, Ind. Crackers and cake. 163,259; Jan. 2.

Taggart Baking Company, Indianapolis, Ind. Crackers, bread, rolls, cakes, and cookies. 163,258; Jan. 2.

Tailored Woman, Inc., The, New York, N. Y. Dresses for women. 175,362; Nov. 6; Serial No. 177,148; published Aug. 14, 1923.

Taintor Company, The, New York, N. Y. Whiting. 170,626; July 17; Serial No. 175,171; published Apr. 17, 1923.

Taintor Company, The, New York, N. Y. Paris white. 171,158; July 31; Serial No. 176,314; published May 1, 1923.

Taintor Company, The, New York, N. Y. Paris white. 176,013; Nov. 13; Serial No. 176,315; published Sept. 4, 1923.

Taiyo Trading Co., Inc., New York, N. Y. Crab meat. 171,248; July 31; Serial No. 171,236; published May 15, 1923.

Taiyo Trading Co., Inc., New York, N. Y. Canned crab meat. 173,891; Oct. 2; Serial No. 176,769; published July 3, 1923.

Taiyo Trading Co., Inc., New York, N. Y. Canned crab meat. 174,607; Oct. 23; Serial No. 176,580; published July 24, 1923.

Takamine Laboratory, Inc., Clifton, N. J. Enzyme substances of vegetable fungus. 172,650; Sept. 11; Serial No. 147,806; published Apr. 24, 1923.

Takamine Laboratory, Inc., Clifton, N. J., and New York, N. Y. Starch solvents. 177,032; Dec. 11; Serial No. 161,285; published Sept. 18, 1923.

Takof Company. (See Chandler, Mary W.)

Talbot, Benson A., doing business as Pascal Laboratory, Pasadena, Calif. Medicated emulsion for all skin diseases and injuries. 165,495; Mar. 13; Serial No. 166,114; published Nov. 7, 1922.

Talcum Puff Co. Inc., Asheville, N. C., and Brooklyn, N. Y. Talcum powder. 167,626, May 1; Serial No. 167,695; published Dec. 26, 1922.

Tallqvist, Theodor W., Helsingfors, Finland. Hemoglobin scales. 172,729; Sept. 11; Serial No. 174,542; published May 29, 1923.

Talman, Charles F., doing business as The Pictogram Company, Washington, D. C. Informational picture books. 173,767; Oct. 2; Serial No. 177,055; published June 19, 1923.

Tamal Packing Co., San Francisco, Calif. Canned tomatoes. 171,602; Aug. 7; Serial No. 174,599; published May 8, 1923.

Tampa Cigar Company, Tampa, Fla. Cigars. 177,445; Dec. 18; Serial No. 182,116; published Oct. 2, 1923.

Tampa Cigar Company, Tampa, Fla. Cigars. 177,448; Dec. 18; Serial No. 182,115; published Oct. 2, 1923.

Taneyhill, Joseph O., New York, N. Y. Crystallized and preserved ginger, chutney, honey, etc. 173,793; Oct. 2; Serial No. 174,757; published July 10, 1923.

Tannehill, Cecelia R., doing business as Tannehill Handmade Underwear Company, Whitetail, Mo. Handmade silk clothing. 169,308; June 12; Serial No. 168,499; published Mar. 20, 1923.

Tanner & Poindexter, Atlanta, Ga. Medicinal tablets. 174,004; Oct. 2; Serial No. 175,276; published July 17, 1923.

Tanner, William E., Brunswick, Me. Beverages sold as soft drinks and sirups for making same. 171,088; July 31; Serial No. 174,495; published May 15, 1923.

Tao Tea Company, Inc., New York, N. Y. Tea. 175,345; Nov. 6; Serial No. 171,292; published Aug. 14, 1923.

Taplin Manufacturing Company, The, New Britain, Conn. Egg beaters. 163,680; Jan. 23.

Tappan Stove Co., The, Mansfield, Ohio. Electric ranges and stoves. 174,675; Oct. 23; Serial No. 172,449; published July 10, 1923.

Tappan Stove Company, The, Mansfield, Ohio. Gas and coal ranges and stoves. 163,183; Jan. 2.

Tarara, Paul L., St. Paul, Minn. Antiseptic foot powder. 174,330; Oct. 16; Serial No. 178,072; published July 17, 1923.

Target Penetrating Oil Co. (See Wasson, Harry G.)

Tarrant Company, The, New York, N. Y. Medicine for venereal diseases. 163,184; Jan. 2.

Tarratine Manufacturing Co. Inc., Bangor, Me. Soap, soap cream and paste. 168,429; May 22; Serial No. 172,189; published Feb. 20, 1923.

Tartikoff, Morris, doing business as The Royal Novelty Co., New York, N. Y. Boys' wash suits, rompers, and blouses. 164,221; Feb. 13.

Tasty Baking Company, Philadelphia, Pa. Cake. 176,645; Nov. 27; Serial No. 157,084; published July 24, 1923.

Tasty Baking Company, Philadelphia, Pa. Toasted sponge cake or slightly-sweetened bread. 176,999; Dec. 11; Serial No. 175,684; published Aug. 21, 1923.

Tate & Lyle Limited, London, England. Sugar. 171,145; July 31; Serial No. 161,707; published May 15, 1923.

Tate, Norman F., Amarillo, Tex. Veterinary medicine, being a blistering agent. 170,149; July 10; Serial No. 168,287; published Mar. 20, 1923.

Tauber, Lipton & Company, Inc., New York, N. Y. Shirts, pyjamas, and nightshirts. 173,921; Oct. 2; Serial No. 173,612; published July 10, 1923.

Tauch, Werner C., doing business as Popular Products Company, San Antonio, Tex. Powdered polish for automobile bodies and other painted and varnished surfaces. 177,407; Dec. 18; Serial No. 179,171; published Oct. 2, 1923.

Taunton Chemical Co., Bristol, Mass. Automobile polish. 164,662; Feb. 27.

Taunton Electro-Chemical Company, Taunton, Mass. Soap. 174,020; Oct. 2; Serial No. 175,277; published July 3, 1923.

Taunton Rubber Company, Taunton, Mass. Rubber heels. 169,514; June 19; Serial No. 171,969; published Mar. 27, 1923.

Tawney Ice Cream Company, The, Barberton, Ohio. Frozen confections, ice cream, and ices. 167,066; Apr. 24; Serial No. 159,436; published Jan. 30, 1923.

Tayler, D. F., and Company, Limited, Birmingham, England. Toilet pins, hairpins, safety pins, thimbles, and hooks and eyes. 166,238; Mar. 27. Serial No. 165,513; published Dec. 5, 1922.

Taylor, Andrew M., Kingston, N. Y. Rope made of woven wire cushioned with pure manila twine. 163,404; Jan. 9.

Taylor, Arthenia, Jeffersonville, Ind. Hair grower, hair tonic, shampoo, tetter salve, etc. 172,598; Sept. 11; Serial No. 171,517; published June 5, 1923.

Taylor-Atkins Paper Company, The, Burnside, Conn. Papeteries, tablets, envelopes, and writing paper. 163,852; Jan. 30.

Taylor and Atkinson, Washington, D. C., assignor to The Wells Process Company, Cleveland, Ohio. Soap. 169,490; June 19; Serial No. 124,556; published May 9, 1922.

Taylor Bramley Co., The, Chicopee, Mass. Infants' and children's clothing—namely, shirts and bellybands. 164,054; Feb. 13.

Taylor Bros., Camden, N. J. Poultry feed. 177,289; Dec. 11.

Taylor Carpet Co., The, Indianapolis, Ind. Floor coverings in the nature of linoleums or oiled cloth. 164,073; Feb. 13.

Taylor Carpet Co., The, Indianapolis, Ind. Textile rugs and carpets. 166,064; Mar. 27. Serial No. 168,081; published Dec. 12, 1922.

Taylor, Cecil C., Chicago, Ill. Extensible cuff buttons. 167,705; May 8; Serial No. 160,645; published Feb. 20, 1923.

Taylor, Clapp & Beall, New York, N. Y. Cotton piece goods. 174,194; Oct. 9; Serial No. 181,048; published July 17, 1923.

Taylor, Edward C., New York, N. Y. Electric-light traffic signals for use on self-propelled vehicles. 169,055; June 5; Serial No. 169,191; published Feb. 13, 1923.

Taylor-Friedsam Company, The, Paterson, N. J., and New York, N. Y. Silk ribbons in the piece. 166,948–9; Apr. 17; Serial Nos. 171,877–8; published Jan. 30, 1923.

Taylor-Friedsam Company, The, Paterson, N. J., and New York, N. Y. Silk ribbons in the piece. 171,825; Aug. 14; Serial No. 175,575; published May 22, 1923.

Taylor Instrument Companies, Rochester, N. Y. Barometers. 174,180; Oct. 9; Serial No. 179,495; published July 10, 1923.

Taylor Instrument Companies, Rochester, N. Y. Thermometers. 176,632; Nov. 27; Serial No. 163,836; published Sept. 25, 1923.

Taylor Instrument Companies, Rochester, N. Y. Hygrometers. 176,633; Nov. 27; Serial No. 163,834; published Sept. 25, 1923.

Taylor Instrument Companies, Rochester, N. Y. Thermostatic temperature-regulating apparatus. 176,634; Nov. 27; Serial No. 163,837; published Sept. 25, 1923.

Taylor Instrument Companies, Rochester, N. Y. Thermostatic temperature-regulating apparatus. 176,636–7; Nov. 27; Serial Nos. 163,838–9; published Sept. 25, 1923.

Taylor, J. L., Co., The, Los Angeles, Calif. Fresh citrous and deciduous fruits, dried or dehydrated fruits and vegetables, etc. 171,432; Aug. 7; Serial No. 164,977; published May 8, 1923.

Taylor, John W., Edwardsville, Kans. Potatoes in their natural state. 166,298; Mar. 27.

Taylor Manufacturing Company, Inc., Cambridge, Mass. Piston rings. 166,325; Mar. 27.

Taylor, Milton M., doing business as The Taylor Medicine Company, Tampa, Fla. Medicine in capsule, powder, liquid, and tablet form for headaches, colds, etc. 163,453; Jan. 9.

Taylor, N. & G., Co. Incorporated. (See Taylor, N. & G., Co., assignor.)

Taylor, N. & G., Co., assignor to N. & G. Taylor Co., Incorporated, Philadelphia, Pa. Tin plate, terne plate, and sheet metal, coated and uncoated. 21,876; renewed Oct. 18, 1922.

Taylor, N. & G., Co., assignor to N. & G. Taylor Co. Incorporated, Philadelphia, Pa. Tin plate, terne plate, and sheet metal, coated and uncoated. 21,877; renewed Oct. 18, 1922.

Taylor Produce Co., Kalamazoo and Battle Creek, Mich. Butter, eggs, and cheese. 176,648; Nov. 27; Serial No. 150,413; published Aug. 7, 1923.

Taylor, Raymond E., Portland, Oreg. Zinc-chloride antiseptic and deodorant for gums, sore throat, and tonsillitis. 175,382; Nov. 6; Serial No. 180,907; published Aug. 14, 1923.

Taylor & Sledd, Inc., Richmond, Va. Canned fish. 176,447; Nov. 27; Serial No. 176,927; published Sept. 11, 1923.

Taylor & Sledd, Inc., Richmond, Va. Canned fish, vegetables, and fruits, jams, etc. 176,452; Nov. 27; Serial No. 176,926; published Sept. 11, 1923.

Taylor, Sterling P., doing business as Taylor Drug Company, Mineral Wells, Tex. Liquid dandruff remover. 174,072; Oct. 2; Serial No. 178,575; published July 10, 1923.

Taylor, T. Buckley, Inc., Trenton, N. J. Cement for use in repairing musical instruments. 176,066; Nov. 13; Serial No. 181,240; published Sept. 4, 1923.

Taylor, Thos. P., Co., The, Bridgeport, Conn. Children's waists and underwear. 177,251–2; Dec. 11; Serial Nos. 183,506–7; published Sept. 25, 1923.

Taylor, Walter C., Hickory, N. C. Hosiery. 168,290; May 15.

Taylor, Ward S., doing business as The L. T. L. Manufacturing Company, St. Louis, Mich. Radiator-sealing compound. 164,127; Feb. 13.

Taylors Silk Emulsion, Inc., New York, N. Y. Silk softener. 175,094; Oct. 30; Serial No. 179,973; published Aug. 7, 1923.

Tea Rose Corporation, Brooklyn, N. Y. Mayonnaise dressing, jams, and jellies. 166,350; Apr. 3; Serial No. 138,657; published Jan. 9, 1923.

Teagle Company, The, Cleveland, Ohio. Telephone adapters for coupling telephone receivers to sound amplifiers. 174,427; Oct. 16; Serial No. 179,337; published June 26, 1923.

Tebbetts and Garland Store, The, Chicago, Ill. Aluminum teapots. 173,964; Oct. 2; Serial No. 171,599; published July 10, 1923.

Tebbetts and Garland Store, The, Chicago, Ill. Aluminum percolators. 173,965; Oct. 2; Serial No. 171,600; published July 10, 1923.

Tebbetts, The Misses, Pittsburgh, Pa. Dolls. 167,071; Apr. 24; Serial No. 172,244; published Jan. 30, 1923.

Tecla, M., & Co. (See Bourjois, A., & Co., assignor.)

Tecla, M., & Co., New York, N. Y. Pearl necklaces. 172,612; Sept. 11; Serial No. 167,958; published May 29, 1923.

Tecq Products Company. (See Mann, Arthur B.)

Tedford, R. A., & Co., Wenatchee, Wash. Fresh apples. 167,662; May 8; Serial No. 168,809; published Feb. 13, 1923.

Tee Pee Rubber Company, Inc., New York, N. Y. Rubber heels. 170,096; July 10; Serial No. 169,372; published Apr. 3, 1923.

Telephone Maintenance Company, Chicago, Ill. Detector and single-stage audio-frequency amplifiers, amplifying transformers, etc. 166,184; Mar. 27; Serial No. 166,612; published Oct. 31, 1922.

Telltale Hosiery Co. (See Custer, John A.)

Tel-U-Where Co. of America, Boston, Mass. Directories published semiannually. 175,742; Nov. 13; Serial No. 178,693; published Aug. 28, 1923.

Templeton Coal Company, Terre Haute and Sullivan, Ind. Coal. 176,917; Dec. 4.

Templeton, James, & Son, Ltd., Ayr, Scotland. Knitting wool. 170,628; July 17; Serial No. 174,870; published Apr. 17, 1923.

Temtor Corn & Fruit Products Co., St. Louis, Mo. Maple-flavor sirup, sorghum with corn sirup, cherry and blackberry preserves, etc. 172,258; Aug. 28; Serial No. 145,179; published Aug. 2, 1921.

Tenebaum, J., & Sons, New York, N. Y. Ladies' hats. 166,604; Apr. 10; Serial No. 149,250; published Dec. 6, 1922.

Tennessee Eastman Corporation, Kingsport, Tenn. Charcoal briquettes. 165,311; Mar. 6; Serial No. 160,517; published June 6, 1922.

Tennessee Paper & Bag Co., Memphis, Tenn. Printing, wrapping, writing, and label paper, envelopes, and lead pencils. 168,859–60; May 29; Serial Nos. 173,108–9; published Mar. 13, 1923.

Tennessee Paper & Bag Co., Memphis, Tenn. Paper, envelopes, lead pencils. 168,861; May 29; Serial No. 172,809; published Mar. 13, 1923.

Tenny, William H. F., doing business as Tenny Vitalamine Co., Buffalo, N. Y. Tablets for relieving dyspepsia and constipation and increasing strength and vitality. 173,244; Sept. 18; Serial No. 160,644; published June 19, 1923.

Ternstedt Manufacturing Company, Detroit, Mich. Automobile body hardware. 166,436; Apr. 3; Serial No. 163,899; published Oct. 3, 1923.
Ternstedt Manufacturing Company, Detroit, Mich. Automobile body hardware. 167,214; Apr. 24; Serial No. 163,900; published Jan. 30, 1923.
Ternstedt Manufacturing Company, Detroit, Mich. Automobile body hardware. 167,217; Apr. 24; Serial No. 163,900; published Jan. 30, 1923.
Terre Haute Shovel & Tool Co., Terre Haute, Ind., assignor to Ames Shovel & Tool Company, Boston, Mass. Diamond-pointed spades. 23,409; renewed July 25, 1923.
Terre Vitae Company, Chicago, Ill. Beauty clay. 177,194; Dec. 11; Serial No. 178,416; published Sept. 11, 1923.
Terry, Geo. A., Mfg. Co. Inc., Buffalo, N. Y. Dental burs. 175,696; Nov. 6.
Terry, Geo. A., Mfg. Co. Inc., Buffalo, N. Y. Dental burs and hand pieces. 175,697; Nov. 6.
Tetlow, Ida J., Philadelphia, Pa. Face powder, talcum powder, toilet water, perfumes, etc. 163,185; Jan. 2.
Tetralin-Gesellschaft mit beschränkter Haftung, Berlin, Germany. Varnishes, lacquers, paint oils, paints, etc. 168,795; May 29; Serial No. 142,043; published Sept. 26, 1922.
Tetralin-Gesellschaft mit beschränker Haftung, Berlin, Germany. Resins, coal, coke, rubber, etc. 171,384; Aug. 7; Serial No. 142,047; published May 1, 1923.
Tetralin Gesellschaft mit beschränkter Haftung, Berlin, Germany. Rubber mats, waterproofed fabrics, etc. 171,385; Aug. 7; Serial No. 142,044; published May 8, 1923.
Tetralin-Gesellschaft mit beschränkter Haftung, Berlin, Germany. Wood and food preservatives, photographic chemicals, dyestuffs, dyes, etc. 172,777; Sept. 11; Serial No. 142,042; published June 5, 1923.
Tetralin Gesellschaft mit beschränkter Haftung, Berlin, Germany. Glue, mucilage, and paste. 173,157; Sept. 18; Serial No. 142,041; published June 19, 1923.
Tetralin-Gesellschaft mit beschränkter Haftung, Berlin, Germany. Lubricants and solvents, kerosene, benzine, gasoline, etc. 173,166; Sept. 18; Serial No. 142,040; published June 19, 1923.
Tetralin-Gesellschaft mit beschränkter Haftung, Berlin, Germany. Soaps, liquids, powders, and pastes for cleaning, and a metal-polishing preparation. 174,742; Oct. 23; Serial No. 142,046; published July 24, 1923.
Teuscher & Son Machinery Supply Co., St. Louis, Mo. Automobile fan belts. 170,688; July 17.
Tex-Alie Company, The. (See Koppe, Edgar J.)
Texas Belting Company, Houston, Tex. Leather belts. 169,317; June 12; Serial No. 169,938; published Mar. 27, 1923.
Texas Chemical & Specialty Co. (See Johns, William T.)
Texas Company, The, Houston, Tex., and New York, N. Y. Petroleum, petroleum waxes, lubricating greases, asphalt oils, etc. 163,541; Jan. 16.
Texas Company, The, Houston, Tex., and New York, N. Y. Asphalt products. 165,370; Mar. 6; Serial No. 161,157; published Nov. 28, 1922.
Texas Company, The, Houston, Tex., and New York, N. Y. Petroleum jelly and petrolatum. 167,950; May 8.
Texas Company, The, Houston, Tex., and New York, N. Y. Lubricating oils. 169,537; June 19; Serial No. 169,143; published Mar. 20, 1923.
Texas Farm Bureau Melon Growers' Exchange, Dallas, Tex. Watermelons. 170,950; July 24; Serial No. 167,152; published Apr. 24, 1923.
Texas Star Flour Mills, Galveston, Tex. Wheat flour. 165,390–1; Mar. 6; Serial Nos. 159,897–900; published Nov. 7, 1922.
Texas Star Flour Mills, Galveston, Tex. Wheat flour. 165,392–3; Mar. 6; Serial Nos. 159,894–5; published Nov. 7, 1922.
Texas Star Flour Mills, Galveston, Tex. Wheat flour. 165,770; Mar. 20; Serial No. 159,900; published Nov. 7, 1922.
Texas Star Flour Mills, Galveston, Tex. Wheat flour. 167,064; Apr. 24; Serial No. 159,896; published Dec. 26, 1922.
Texas Star Flour Mills, Galveston, Tex. Wheat flour. 173,545; Sept. 25.
Texas Star Flour Mills, Galveston, Tex. Wheat flour. 177,001; Dec. 11; Serial No. 180,631; published Sept. 25, 1923.
Tex-Craft Company, Reading, Pa. Hosiery. 175,924; Nov. 13; Serial No. 179,974; published Aug. 28, 1923.
Textile Manufacturing Co., The, Chester, Pa. Artificial-silk fiber. 163,186; Jan. 2.
Textile Manufacturing Co., Evansville, Ind. Ladies' union suits, vests, and pants. 167,831; May 8; Serial No. 169,937; published Feb. 13, 1923.
Textile Mfg. Co., The, Chester, Pa. Artificial-silk, worsted, and mixed artificial-silk and worsted yarns. 168,221; May 15; Serial No. 172,299; published Feb. 20, 1923.
Textile Publishing Company, New York, N. Y. Weekly publication. 169,070; June 5; Serial No. 172,659; published Feb. 27, 1923.
Textileather Company, New York, N. Y. Substitute leather. 165,309; Mar. 6; Serial No. 161,512; published May 23, 1922.
Textileather Company, New York, N. Y. Substitute leather. 167,883; May 8; Serial No. 165,773; published Jan. 2, 1923.
Thal & Bitter Machine Co., The, Toledo, Ohio. Spotlights, spotlight mountings, and parts thereof. 169,337; June 12; Serial No. 173,450; published Mar. 6, 1923.
Tharinger Macaroni Company, Milwaukee, Wis. Alimentary paste products. 171,229; July 31; Serial No. 171,186; May 15, 1923.
Thatcher, H. D., & Co., assignor to Thatcher Products Co. Inc., Potsdam, N. Y. Baking powders. 24,338; renewed Mar. 13, 1924.
Thatcher, H. D., & Company, Inc., Potsdam, N. Y. Ice-cream coloring. 177,815; Dec. 25.
Thayer, W. E., Company, Inc., Mount Vernon, N. Y. Files. 175,311; Nov. 6; Serial No. 157,781; published Aug. 14, 1923.
The -B-X- Saw Co., Boston, Mass. Hack saws. 174,611; Oct. 23; Serial No. 179,843; published July 24, 1923.
Theatre Bulletin Co. (See Endler, Wm. H.)
Theme Hosiery Company. (See Thieme Brothers Company.)
Theodore & Levas, New York, N. Y. Olive oil. 165,823; Mar. 20; Serial No. 165,511; published Jan. 2, 1923.
Theodorou, Denis, doing business as Denis Theodorou Hemorrhoidol Co., Bridgeport, Conn. Remedies for hemorrhoids and piles. 173,524; Sept. 25.
Theodosio, Amando R., Miami, Ariz. Medicinal preparations for the treatment of catarrhal troubles. 163,187; Jan. 2.
Therapeutic Appliance Corporation, The, St. Louis, Mo. Chest splint. 166,524; Apr. 3; Serial No. 171,970; published Jan. 9, 1923.
Thermalene Gas Corporation, Kankakee, Ill. Generators for producing gas, gas cartridges, and parts thereof, etc. 170,821; July 24; Serial No. 171,823; published Apr. 24, 1923.
Thermatomic Carbon Company, Pittsburgh, Pa. Pigment for paints. 165,195; Mar. 6; Serial No. 167,906; published Dec. 12, 1922.
Thermatomic Carbon Co., Pittsburgh, Pa. Printing inks. 166,590; Apr. 10; Serial No. 167,905; published Dec. 26, 1922.
Thermokept Products Corporation, New York, N. Y. Cans made of tin. 163,405; Jan. 9.
Thexton & Wright Ltd., London, England, and New York, N. Y. Men's ready-made clothing. 168,087; May 15; Serial No. 160,310; published Feb. 13, 1923.
Thieme Brothers Company, assignors to Theme Hosiery Company, Fort Wayne, Ind. Hosiery. 176,259; Nov. 20; Serial No. 180,632; published Sept. 11, 1923.
Thlinket Packing Company, Portland, Oreg., and Funter Bay, Alaska. Canned salmon. 166,884; Apr. 17; Serial No. 113,333; published Feb. 6, 1923.
Thoma, Otto, doing business as Columbia Products Company, St. Louis, Mo. Malt extract. 173,951; Oct. 2; Serial No. 179,241; published July 10, 1923.
Thoma, Otto, doing business as Columbia Products Company, St. Louis, Mo. Malt extract for food purposes. 177,205; Dec. 11; Serial No. 179,240; published Sept. 25, 1923.
Thoma & Son, Inc., Fairfield, Iowa. Automobile sunbeam visor. 169,282; June 12; Serial No. 158,460; published Mar. 13, 1923.
Thoma & Son Inc., Fairfield, Iowa. Window glass, glare shields of glass, and glass for automobiles. 177,441; Dec. 18; Serial No. 182,188; published Sept. 25, 1923.
Thomas & Betts Co., The, Elizabeth, N. J. Couplings for elastical conduits. 170,342; July 10.
Thomas-Body Co., Oakland, Calif. Canned fruits. 170,558; July 17; Serial No. 173,792; published Apr. 24, 1923.
Thomas-Boyce Direct Feed Company, Attica, N. Y. Poultry, scratch, chicken, hog, dairy, and horse feed, calf meal, egg mash, etc. 172,749; Sept. 11; Serial No. 165,895; published May 1, 1923.
Thomas Chemical Co. (See Walker, W. & H., Inc.)
Thomas, D. W., Incorporated, Seattle, Wash. Artificial pearls. 174,890; Oct. 23; Serial No. 179,975; published July 10, 1923.
Thomas, Elizabeth M., doing business as E. M. Thomas Company, St. Louis, Mo. Ladies' and misses' dresses. 174,206; Oct. 9; Serial No. 179,688; published July 10, 1923.
Thomas, Howard D., Seattle, Wash. Electric switches. 170,346; July 10.
Thomas, Howard D., doing business as Howard D. Thomas Co., Seattle, Wash. Windshield cleaners of the squeegee type. 175,541; Nov. 6; Serial No. 180,153; published Aug. 28, 1923.
Thomas, Lillian S., doing business as Froidevaux Cie., New York, N. Y. Deodorant. 174,379; Oct. 16; Serial No. 163,011; published Aug. 22, 1922.
Thomas Manufacturing Company, The, Dayton, Ohio. Spring phonograph motors. 164,210; Feb. 13.
Thommen's Inc., Philadelphia, Pa. Cake. 174,297; Oct. 9.
Thommen's Inc., Philadelphia, Pa. Bread, rolls, sweet dough, etc. 176,899; Dec. 4.
Thompson, A., Co., The, Amsterdam, N. Y. Hosiery, knitted underwear, sweaters. 171,785–6; Aug. 14; Serial Nos. 172,784–5; published May 22, 1923.

Thompson, A., Co., The, Amsterdam, N. Y. Hosiery, knitted underwear and sweaters. 171,876; Aug. 14; Serial No. 172,783; published May 22, 1923.
Thompson, A., Co., The, Amsterdam, N. Y. Hosiery, knitted underwear, and sweaters. 171,878–81; Aug. 14; Serial Nos. 172,779–82; published May 22, 1923.
Thompson-Barlow Company, Inc., The, doing business as The Graham Sanitarium, New York, N. Y. Medical tablet as a general tonic. 164,330; Feb. 20.
Thompson-Barlow Company, Inc., The, assignor to El Zair, Inc., New York, N. Y. External lotion. 175,638; Nov. 6; Serial No. 179,752; published Aug. 21, 1923.
Thompson-Barlow Company, Inc., The, New York, N. Y. Arch supports, foot cushions, heel cushions, foot pads, and insoles for boots and shoes. 175,839; Nov. 13; Serial No. 181,707; published Aug. 28, 1923.
Thompson, George E., Lightning Rod Co., Owatonna, Minn. Lightning rods. 169,408; June 12.
Thompson, George K., Boston, Mass. Radio receivers, head sets, loud speakers, phonograph adapters, etc. 175,797; Nov. 13; Serial No. 179,630; published Aug. 21, 1923.
Thompson, James, & Co., New York, N. Y. Netted or wide-mesh fabrics. 173,365; Sept. 25; Serial No. 179,631; published July 3, 1923.
Thompson, John R., Co., Chicago, Ill. Canned vegetables. 172,810; Sept. 11; Serial No. 175,031; published June 5, 1923.
Thompson, John R., Co., Chicago, Ill. Canned goods. 176,487; Nov. 27; Serial No. 175,030; published Aug. 21, 1923.
Thompson, Joseph, Sioux City, Iowa. Hair dressing. 173,694; Oct. 2; Serial No. 177,334; published June 12, 1923.
Thompson, Mabel L., doing business as The Thompson Medical Company, Avon, N. Y. Medicinal throat tablets. 166,985; Apr. 17.
Thompson, M. D., & Son. (See Thompson, Maynard D.)
Thompson, Maynard D., doing business as M. D. Thompson & Son, McCrory, Ark. Wheat flour. 166,149; Mar. 27; Serial No. 156,936; published Oct. 31, 1922.
Thompson Medical Co., Titusville, Pa. Medicinal preparation of tonic and laxative properties. 169,667; June 26; Serial No. 171,046; published Mar. 27, 1923.
Thompson Milling Co., Lockport, N. Y. Wheat flour. 170,888; July 24; Serial No. 160,727; published Mar. 20, 1923.
Thompson Milling Company, Lockport, N. Y. Wheat flour. 24,553; renewed Apr. 17, 1924.
Thompson, William M., Red Bank, N. J. Dental cream. 164,444; Feb. 20.
Thompson, Zola, doing business as Crystal Chemical Co., San Francisco, Calif. Wax for polishing floors, furniture, woodwork, etc. 177,525; Dec. 18; Serial No. 182,552; published Oct. 2, 1923.
Thomsen Company, The, Waco, Tex. Shoe dressings. 177,679; Dec. 25; Serial No. 167,927; published Sept. 25, 1923.
Thomson-Crooker Shoe Company, Boston, Mass. Shoes. 172,282; Aug. 28; Serial No. 169,037; published Dec. 19, 1922.
Thomson-Friedlob Mfg. Co., Peoria, Ill. Cushion rings for expanding piston rings of internal-combustion engines. 165,162; Mar. 6; Serial No. 145,803; published Dec. 5, 1922.
Thomson Wood Finishing Co., The, Philadelphia, Pa. Paints, enamels, varnishes, etc. 177,380; Dec. 18; Serial No. 181,873; published Oct. 2, 1923.
Thorn & Company, Incorporated, Boston, Mass. Preparation used in the treatment of intestinal pains and disorders. 164,678; Feb. 27.
Thornley and Booth Limited, Hyde, England. Socks for boots and shoes. 173,437; Sept. 25; Serial No. 174,643; published June 19, 1923.
Thornton, Edward A., San Pedro, Calif. Suspensories. 166,221; Mar. 27; Serial No. 168,989; published Dec. 19, 1922.
Thornycroft, John I., & Co. Limited, Westminster and London, England. Steam and internal-combustion engines. 175,052; Oct. 30; Serial No. 179,385; published Aug. 7, 1923.
Three-In-One Lantern Company. (See Cole, Albert J.)
Thrift Selling Service Co., The, Columbus, Ohio. Toy banks. 168,926; May 29; Serial No. 174,496; published Mar. 13, 1923.
Thurman, William H., Van Buren, Ark. Mineral water. 172,303; Aug. 28; Serial No. 175,415; published May 29, 1923.
Thurston, W. Harris, & Co. Inc., New York, N. Y. Shirtings. 175,405; Nov. 6; Serial No. 160,100; published July 17, 1923.
Thurston, W. Harris, & Co. Inc., New York, N. Y. Cotton piece goods. 176,848; Dec. 4; Serial No. 183,423; published Sept. 25, 1923.
Tiedemann, Theo., & Sons, Inc., New York, N. Y. Men's suits, children's suits, women's skirts, waists, suits, and dresses for burial purposes. 166,161; Mar. 27; Serial No. 151,730; published May 16, 1922.
Tiedemann, Theo., & Sons, Inc., New York, N. Y. Piece goods for casket linings and trimmings. 177,146; Dec. 11; Serial No. 151,725; published Mar. 6, 1923.
Tiemann, Otto P., doing business as Illinois Seed Corn Testing Laboratory, Bloomington, Ill. Seed corn. 171,679; Aug. 7.
Tietjen, George D., doing business as Kleen Products Co., Hasbrouck Heights, N. J. Germicide scalp-cleanser. 169,764; July 3; Serial No. 169,459; published Mar. 6, 1923.
Tiffany & Company, New York, N. Y. Bronzes and silver and plated ware. 23,572; renewed Sept. 5, 1923.
Tiffany & Company, New York, N. Y. Jewelry and watches. 23,573; renewed Sept. 5, 1923.
Tiffany Manufacturing Company, Newark, N. J. Ammeters. 170,330; July 10.
Tighe, Loretta F., New York, N. Y. Corsets, brassières, corselettes. 174,306; Oct. 9.
Tilton & Keeler, Inc., New York, N. Y. Silk and cotton crêpe in the piece. 173,701; Oct. 2; Serial No. 177,149; published June 19, 1923.
Timber Truss Co. of America, New York, N. Y. Ring dowels. 167,220–1; Apr. 24; Serial Nos. 163,365–6; published Feb. 6, 1923.
Timberlake, Paul J., Jackson, Mich. Swimming appliances. 165,663; Mar. 20; Serial No. 166,921; published Jan. 2, 1923.
Times Printing Company of Seattle, Seattle, Wash. Newspaper supplement. 172,060–1; Aug. 21; Serial Nos. 177,704–5; May 22, 1923.
Times Printing Company of Seattle, Seattle, Wash. Column of news in its newspaper. 175,864; Nov. 13; Serial No. 175,416; published July 31, 1923.
Timken Roller Bearing Company, The, Canton, Ohio. Roller bearings and parts thereof. 171,583; Aug. 7; Serial No. 175,278; published May 1, 1923.
Timson, Frederick H., Boston, Mass. Gaiters of leather, fabric, and combination. 170,161; July 10; Serial No. 169,731; published Apr. 3, 1923.
Tin Decorating Company of Baltimore, The. (See Johnson, William H.)
Tin Decorating Company of Baltimore, The, Baltimore, Md. Metallic boxes, cans, and receptacles of various shapes and sizes. 164,422; Feb. 20.
Tin Decorating Company of Baltimore, The, Baltimore, Md. Boxes or receptacles of various shapes and sizes. 169,521; June 19; Serial No. 172,619; published Mar. 20, 1923.
Tin Decorating Company of Baltimore, The, Baltimore, Md. Receptacles for gloves, handkerchiefs, lingerie, and sewing materials. 170,114; July 10; Serial No. 160,165; published Apr. 3, 1923.
Tin Decorating Company of Baltimore, The, Baltimore, Md. Mechanical and other toys. 174,907; Oct. 23; Serial No. 179,068; published July 31, 1923.
Tingue, Brown & Co., New York, N. Y. Cotton sheeting, knitted padding, netting, and canvas and duck piece goods. 166,908; Apr. 17; Serial No. 170,167; published Jan. 30, 1923.
Tingue, Brown & Co., New York, N. Y. Cotton sheeting for covering the padding on ironing rolls. 166,909; Apr. 17; Serial No. 170,166; published Jan. 23, 1923.
Tingue, Brown & Co., New York, N. Y. Felt piece goods. 169,083; June 5; Serial No. 173,153; published Feb. 27, 1923.
Tingue, Brown & Co., New York, N. Y. Laundry bags. 170,226; July 10; Serial No. 174,758; published Apr. 3, 1923.
Tingue, Brown & Co., New York, N. Y. Woven cotton feed ribbons for laundry machines. 177,677; Dec. 25; Serial No. 175,532; published Oct. 2, 1923.
Tingue Manufacturing Company, Seymour, Conn., and New York, N. Y. Textile fabrics—namely, fabrics of silk and worsted for women's wear. 166,910; Apr. 17; Serial No. 170,102; published Jan. 30, 1923.
Tinnerman, A. H., doing business as Tinnerman Stove & Range Co., Cleveland, Ohio. Gas and combination coal and gas ranges and gas coal heaters. 170,098; July 10; Serial No. 169,261; published Apr. 10, 1923.
Tint-Tile Company, Pasadena, Calif. Cement tiles and moldings. 163,542; Jan. 16.
Tiny Toter Manufacturing Company, The. (See Filbert-Greer Manufacturing Company.)
Tioga Mill & Elevator Co., Waverly, N. Y. Poultry feed. 172,434; Aug. 28; Serial No. 173,687; published May 8, 1923.
Tioga Mill & Elevator Co., Waverly, N. Y. Feed. 176,341; Nov. 20.
Tip Top Baking Co., Louisville, Ky. Bread. 170,808; July 24; Serial No. 171,558; published Mar. 13, 1923.
Tip Top Baking Co., Louisville, Ky. Bread. 172,494; Aug. 28.
Tipps, Archie W., Dallas, Tex. Hair dressings. 164,916; Feb. 27.
Tissue Co., The, Saugerties, N. Y. Crêpe paper. 166,942; Apr. 17; Serial No. 172,066; published Jan. 16, 1923.
Tissue Company, The, Saugerties, N. Y. Crepe paper. 163,870–1; Feb. 6.
Tissue Company, The, Saugerties, N. Y. Crêpe paper. 171,002; July 31; Serial No. 177,150; published May 15, 1923.
Tissuepkt Underwear Company, Indianapolis, Ind. Underwear. 174,546; Oct. 16.
Titanium Pigment Company Inc., Niagara Falls, N. Y. Paints, whether dry, paste, or ready mixed. 168,764; May 29; Serial No. 173,111; published Feb. 27, 1923.

Titanium Pigment Company, Inc., Niagara Falls, N. Y. Soap, glass and metal polishes, and abrader preparations. 171,778; Aug. 14; Serial No. 173,110; published May 15, 1923.

Titman Egg Company, Chicago, Ill. Fresh eggs in the shell, mixed whole eggs, egg yolks, and egg whites, being in liquid and frozen form. 167,195; Apr. 24; Serial No. 162,467; published Dec. 12, 1922.

Titus, Hazen J., Seattle, Wash. Chocolate-coated fruitcake bars. 165,389; Mar. 6; Serial No. 159,902; published Nov. 28, 1922.

Tobacco Products Corporation, New York, N. Y. Cigarettes. 168,247; May 15; Serial No. 174,371; published Feb. 27, 1923.

Tobacco Products Corporation, New York, N. Y. Cigarettes. 176,134; Nov. 20; Serial No. 183,459; published Sept. 11, 1923.

Tobin Chemical Co. (See Tobin, David.)

Tobin, David, doing business as Tobin Chemical Co., Boston, Mass. Stove polish. 168,059; May 15; Serial No. 170,316; published Feb. 6, 1923.

Toch Brothers, Incorporated. (See Toch Brothers, assignors.)

Toch Brothers, Incorporated, New York, N. Y. Enamels and enamel paints. 164.915; Feb. 27.

Toch Brothers, Incorporated, New York, N. Y. Liquid paint. 171,391; Aug. 7; Serial No. 177,251; published May 8, 1923.

Toch Brothers, Incorporated, New York, N. Y. Flat-white coatings for use on plastered walls. 175,953; Nov. 13; Serial No. 183,128; published Sept. 4, 1923.

Toch Brothers, assignors to Toch Brothers, Incorporated, New York, N. Y. Varnishes and paint enamels. 164,509; Feb. 20.

Toch Brothers, assignors to Toch Brothers, Incorporated, New York, N. Y. Paint enamels. 164,510; Feb. 20.

Toch Brothers, assignors to Toch Brothers, Incorporated. New York, N. Y. Paints in ready-mixed or paste form and paint enamels. 166,191; Mar. 27; Serial No. 161,589; published Oct. 31, 1922.

Toch Brothers, assignors to Toch Brothers Incorporated, New York, N. Y. Ready-mixed paints and japan driers. 168,090; May 15; Serial No. 161,593; published Oct. 31, 1922.

Todd, Clarence S., doing business as Todd Drain-A-Tub Co., Kansas City, Mo. Rinsing and bluing tubs. 174,703; Oct. 23; Serial No. 176,295; published June 12, 1923.

Toewear Hosiery Incorporated, Norristown, Pa. Hosiery. 171,199; July 31; Serial No. 148,774; published May 8, 1923.

Tofias, Julius, & Bro., Boston, Mass. Hats for women. 172,292; Aug. 28; Serial No. 165,898; published May 29, 1923.

Tofoli & Paladino, Philadelphia, Pa. Medicines for the relief of tuberculosis and chronic coughs, stomach, kidney, and liver troubles. 163,868; Feb. 6.

Toilet Products "A" Company, New York, N. Y. Bay rum. 167,917; May 8; Serial No. 169,230; published Jan. 30, 1923.

Tokalon. (See International Consolidated Chemical Corporation.)

Toledo Rex Spray Company, The. Toledo, Ohio. Insecticide. 164,491; Feb. 20.

Toledo Scale Company, Jersey City, N. J., and Toledo, Ohio. Publication. 165,263; Mar. 6; Serial No. 167,664; published Nov. 14, 1922.

Toledo Scale Company, Jersey City, N. J., and Toledo, Ohio. Page in a publication. 170,373; July 17; Serial No. 174,115; published Apr. 17, 1923.

Toledo Steel Products Co., The, Toledo, Ohio. Poppet valves. 170,471; July 17; Serial No. 168,991; published Apr. 17, 1923.

Tolerton & Warfield Co., Sioux City, Iowa. Canned fish, pearl barley, breakfast wheat, pop corn, rice, etc. 165,109; Mar. 6; Serial No. 135,180; published Nov. 7, 1922.

Tolerton & Warfield Co., Sioux City, Iowa. Dried sliced beef, breakfast wheat, corn meal, rolled oats, pop corn, etc. 165,112; Mar. 6; Serial No. 135,179; published Nov. 7, 1922.

Tomezak, Walter C., Detroit, Mich. Complexion cream and face powder. 165,607; Mar. 13; Serial No. 167,060; published Dec. 12, 1922.

Tomlinson, George E., Winchester, Ky. Take-down tables. 172,362; Aug. 28; Serial No. 173,943; published May 1, 1923.

Tom's Cove Salt Sea Oyster Co. (See Field, Samuel B.)

Tonsitol Laboratories. (See Bariscillo, John J.)

Tonsone Co., The. (See Smith, R. Blackwell.)

Toomey, D. J., Produce Co., Spearfish, S. Dak., and Newcastle, Wyo. White and Graham flour. 173,031; Sept. 11; Serial No. 174,188; published June 5, 1923.

Toops, Noble C., doing business as Toops Bros., Chicago, Ill. Scissors. 176.625; Nov. 27; Serial No. 162,218; published Sept. 18, 1923.

To-Rain-On Products Co. (Not Inc). (See Ruben, Henry.)

Torbay & Dart Paint Co. Limited, The, London, England. Waterproofing compound for cement. 173,115; Sept. 18; Serial No. 169,692; published June 19, 1923.

Torchweld Equipment Company, Chicago, Ill. Blowpipes. 166,550; Apr. 10.

Torrey, Julia W., New York, N. Y. Toy dolls and animals. 172,361; Aug. 28; Serial No. 173,907; published May 29, 1923.

Torrington Company, The. (See Excelsior Needle Company, assignor.)

Torrington Company, The, Torrington, Conn. Spokes and nipples for vehicle wheels. 177,588; Dec. 18.

Torsion Test Piston Ring Corporation, Newark, N. J. Piston rings. 174,686; Oct. 23; Serial No. 179,894; published July 31, 1923.

Tosse, E., & Co., Inc., New York, N. Y. Preparation for syphilis and diseases of the skin. 176,176–7; Nov. 20; Serial Nos. 178,577–8; published Aug. 7, 1923.

Tottenville Copper Company Inc., Tottenville N. Y. Spelter. 176,945; Dec. 4.

Touchet Valley Apple Co., Waitsburg, Wash. Fresh apples. 175,381; Nov. 6; Serial No. 180,908; published Aug. 21, 1923.

Touchet Valley Apple Co., Waitsburg, Wash. Fresh apples. 175,436; Nov. 6; Serial No. 180,909; published Aug. 21, 1923.

Touraine Company, The, Boston, Mass. Candy and confections. 169,132; June 12; Serial No. 127,669; published Apr. 20, 1920.

Tourist Handbook Pub. Co., Ames, Iowa. Motorist publication. 175,051; Oct. 30; Serial No. 179,386; published Aug. 7, 1923.

Tourists Pride Mfg. Co. (See Fuchs, Joseph J.)

Town Talk M'f'g. Co., Louisville, Ky. Adjustable caps. 166,970; Apr. 17.

Town Talk Mfg. Co. Incorporated, Louisville, Ky. Adjustable caps. 172,507; Aug. 28.

Towner, Orrin W., doing business as Two Laboratories, Kansas City, Mo. Radiodetectors of the crystal type. 169,458; June 19; Serial No. 174,947; published Mar. 27, 1923.

Townsend, E. M., & Co., New York, N. Y. Hosiery. 175,002; Oct. 30; Serial No. 172,132; published Aug. 7, 1923.

Townsend, Ellen B., Chicago, Ill. Aprons. 164,752; Feb. 27.

Townsend, Glenn, doing business as Nut Lunch Company, Portland, Oreg. Peanut butter. 171,463; Aug. 7; Serial No. 167,855; published May 8, 1923.

Townsend, Glenn Q., doing business as Hoody Peanut Butter Co., Portland, Oreg. Peanut butter and salted peanuts. 166,903; Apr. 17; Serial No. 164,280; published Feb. 6, 1923.

Townsend Grace Company, The, Baltimore, Md. Straw hats and caps. 164,762; Feb. 27.

Tozer, Beatrice C. A., London, England. Face creams, lotions, rouges, etc. 177,732; Dec. 25; Serial No. 175,576; published Oct. 9, 1923.

Trabulsi, Philip, doing business as Trabulsi Knit Fabric Co., New York, N. Y. Knitted cravats. 173,712; Oct. 2; Serial No. 177,151; published June 26, 1923.

Trachtenberg, Harry, doing business as Arion Shirt Company, New York, N. Y. Men's dress, negligee, and work shirts. 171,732; Aug. 14; Serial No. 170,226; published May 22, 1923.

Tracy Company, Inc., The, New London, Conn. Remedy for indigestion. 169,115; June 5.

Traffic Control, Incorporated, Milwaukee, Wis. Traffic lights. 172,012; Aug. 21; Serial No. 175,417; published May 8, 1923.

Tramsak, John, Cleveland, Ohio. Preparation for the treatment of tuberculosis. 174,522; Oct. 16; Serial No. 177,026; published July 24, 1923.

Transogram Co., Inc., Brooklyn, N. Y. Paper boxes. 172,173; Aug. 21.

Travis, Mrs. May B., Peekskill, N. Y. External medicine for application to boils, carbuncles, abscesses, etc. 167,605; May 1; Serial No. 164,014; published Jan. 23, 1923.

Travis, Romaine & Jellé, Inc., New York, N. Y. Silk, artificial-silk, cotton, and wool piece goods, and combinations thereof. 170,742; July 24; Serial No. 174,545; published Apr. 24, 1923.

Travis, Romaine & Jellé, Inc., New York, N. Y. Silk, cotton, etc., piece goods, and combinations thereof. 171,860; Aug. 14; Serial No. 174,544; published May 22, 1923.

Travis, Romaine & Jelle, Inc., New York, N. Y. Silk, artificial silk, wool piece goods and combinations thereof. 172,660; Sept. 11; Serial No. 174,543; published May 29, 1923.

Treat, Clifford W., doing business as George W. Smith Co., Bennington, Vt. Maple sirup. 171,423; Aug. 7; Serial No. 172,021; published May 8, 1923.

Treat, Robert, Shirt Manufacturing Co., Newark, N. J. Dress, negligee, and plaited shirts. 166,693; Apr. 10; Serial No. 166,584; published Jan. 2, 1923.

Trebor Manufacturing Co., New York, N. Y. Lamp cord. 168,462; May 22; Serial No. 173,056; published Feb. 20, 1923.

Tree Lovers Association of America, Aurora, Ill. Monthly periodical. 173,718; Oct. 2; Serial No. 179,015; published June 26, 1923.

Treister, Albert M., & Company, Los Angeles, Calif. Garments made of white duck cloth. 166,198; Mar. 27; Serial No. 162,326; published Dec. 5, 1922.

Alphabetical list of registrants of trade-marks—Continued.

Trent Process Corporation, Washington, D. C. Fuels. 165,131–3; Mar. 6. Serial Nos. 160,681–3; published Oct. 31, 1922.
Trenton Milling Co., Trenton, Ill. Wheat flour. 176,505; Nov. 27; Serial No. 162,148; published July 31, 1923.
Trenton Milling Company, Trenton, Ill. Self-rising wheat flour. 177,737; Dec. 25; Serial No. 182,729; published Oct. 2, 1923.
Treo Company, Inc., Jamaica, N. Y. Elastic webbing. 164,013; Feb. 6.
Treo Company, Inc., New York, N. Y. Ladies' hose supporters, corsets, girdles, and brassières. 166,173; Mar. 27; Serial No. 166,417; published Jan. 2, 1923;
Treo Company, Inc., New York, N. Y. Ladies' hose supporters, corsets, girdles, brassières. 176,922; Dec. 4.
Tress Laboratories. (See Pound, George H.)
Triangle Electro Trading Company, New York, N. Y. Radiotelephone receivers and radio sets and parts of radio sets. 167,595; May 1; Serial No. 169,732; published Jan. 23, 1923.
Triangle Electro Trading Co., Inc., New York, N. Y. Radiotelephone receivers and radio sets and parts of radio sets. 169,000; May 29.
Triangle Thread Mills. (See Rothstein, Aaron J.)
Tribble Cordage Mills, Inc., Boston, Mass. Clotheslines. 166,110; Mar. 27; Serial No. 150,379; published Oct. 11, 1921.
Tribune Company, The, Chicago, Ill. Nom de plume used for newspaper articles. 167,615; May 1; Serial No. 147,055; published Jan. 31, 1922.
Tribune Company, The, Chicago, Ill. Sheet paper for printing and writing. 170,879; July 24; Serial No. 157,592; published July 18, 1922.
Tribune Company, The, Chicago, Ill. Newspaper and newspaper supplements published daily. 172,059; Aug. 21; Serial No. 177,706; published May 22, 1923.
Tribune Company, The, Chicago, Ill. Newspaper and newspaper supplements. 173,669; Oct. 2; Serial No. 177,707; published May 29, 1923.
Tribune Company, The, Chicago, Ill. Heading for a newspaper column. 174,759; Oct. 23; Serial No. 166,413; published July 31, 1923.
Tribune Company, The, Chicago, Ill. Weekly magazine supplement. 176,515; Nov. 27; Serial No. 166,412; published Sept. 11, 1923.
Tricco Chemical Co. (See Garrett, Ralph C.)
Trichitone Laboratories. (See Askinn, Morris H.)
Trico Products Corporation, Buffalo, N. Y. Windshield cleaners. 167,037; Apr. 24; Serial No. 170,909; published Feb. 6, 1923.
Trico Products Corporation, Buffalo, N. Y. Mirrors for vehicles, windshield wings, shock absorbers, etc. 170,258; July 10; Serial No. 170,910; published Apr. 3, 1923.
Trinner, John, New York, N. Y. Ladies' hats. 168,313; May 22; Serial No. 168,696; published Jan. 30, 1923.
Trio Drug Co. (See Sherman, H. A.)
Triple S Service Corporation, Denver, Colo. Granular or powdered antiseptic cleanser for the toilet. 173,798; Oct. 2; Serial No. 174,370; published July 3, 1923.
Triplett, Jos. I., Woodstock, Va. Self-rising wheat flour. 167,134; Apr. 24; Serial No. 157,455; published Dec. 19, 1922.
Tristate Baking Co., Flint, Mich. Edible rolls. 171,010; July 31; Serial No. 169,103; published Apr. 3, 1923.
Tri-State Ice Cream Corporation, La Crosse, Wis. Ice cream and butter. 165,379; Mar. 6; Serial No. 160,035; published Nov. 7, 1922.
Triumph Electric Co., The, Cincinnati, Ohio. Electric motors, generators, and dynamos. 164,699; Feb. 27.
Triumph Electric Co., The, doing business as The Triumph Ice Machine Co., Oakley, Cincinnati, Ohio. Ice-making and refrigerating machinery and the several parts thereof. 171,314; Aug. 7; Serial No. 167,210; published May 1, 1923.
Triumph Ice Machine Co. (See Triumph Electric Co., The.)
Trojan Middy Co., Inc., Troy, N. Y. Middies, smocks, and children's dresses. 173,652. Oct. 2; Serial No. 176,582; published June 19, 1923.
Tromba, Marius H., doing business as Paramount Lens Corporation, Brooklyn, N. Y. Photographic, projecting, and optical lenses. 169,804; July 3; Serial No. 162,327; published Apr. 10, 1923.
Tropical Clothing Manufacturing Co. Inc., New Orleans, La. Men's coats and pants. 176,895; Dec. 4.
Tropical Fruit Juice Company (now by change of name The Smack Company), Chicago, Ill. Nonalcoholic, maltless beverages and sirups for making same. 169,496; June 19; Serial No. 153,058; published May 9, 1922.
Tropical Juice Corp., Brooklyn, N. Y. Nonalcoholic, maltless pineapple drink. 175,236; Oct. 30.
Tropical Worsted Company, Inc., New York, N. Y. Tropical worsted piece goods. 169,798; July 3; Serial No. 169,836; published Mar. 27, 1923.
Tropico Potteries, Inc., Glendale, Calif. Sewer pipes and tile, except metal and porcelain. 167,910; May 8; Serial No. 169,097; published Jan. 30, 1923.
Trorlicht-Duncker Carpet Co., St. Louis, Mo. Periodical catalogue and magazine. 163,958; Feb. 6.
Trostel, Albert O., Milwaukee, Wis. Leather cigar cases. 163,986; Feb. 6.
Trostel, Albert O., Milwaukee, Wis. Leather shoes, belts, and gloves. 165,352; Mar. 6; Serial No. 169,100; published Nov. 7, 1922.
Trostel, Albert O., Milwaukee, Wis. Leather cardcases. 166,212; Mar. 27; Serial No. 169,102; published Dec. 19, 1922.
Trostel, Albert O., Milwaukee, Wis. Leather portfolios, pocketbooks, and wallets. 166,272; Mar. 27; Serial No. 169,099; published Nov. 7, 1922.
Trostel, Albert O., Milwaukee, Wis. Leather. 169,051; June 5; Serial No. 167,274; published Mar. 27, 1923.
Trotman, Henry L., doing business as Henry L. Trotman & Co., Cleveland, Ohio. Hair elixirs, growers, brilliantines, straighteners, and shampoos. 169,599; June 26; Serial No. 171,394; published Mar. 20, 1923.
Trotsky, Isadore, doing business as Sanitary Hair Company, Providence, R. I. Hair nets. 177,437; Dec. 18; Serial No. 182,452; published Sept. 25, 1923.
Trowbridge, Archibald L., Detroit, Mich. Bridge score sheets and pads. 168,456; May 22; Serial No. 173,452; published Feb. 20, 1923.
Troy Laundry Machinery Co. Ltd., Chicago, Ill. Ironing machines. 164,132; Feb. 13.
Troy Milk Products Company, East Troy, Wis. Ice-cream mix. 168,625; May 29; Serial No. 167,742; published Feb. 27, 1923.
Troy Milk Products Company, East Troy, Wis. Evaporated milk. 174,916; Oct. 23.
Tru-Blu Products Co., New Florence, Pa. Compound for cleaning rugs, carpets, canvas, upholstery, etc. 167,525; May 1; Serial No. 165,837; published Jan. 2, 1923.
True Tone Radio Mfg. Co. (Not Inc.), Chicago, Ill. Radiotelephone, wireless telegraph and telephone receivers. 169,575; June 19.
True-Tone Radio Mfg. Co. (Not Inc.), Chicago, Ill. Radiotelephone loud-speaker horns, variometers, etc. 175,232; Oct. 30.
Trunk, Paul E., Chatsworth, Ill. Gasoline, kerosene, lubricating oils and greases. 163,765; Jan. 23.
Truscon Steel Company, Youngstown, Ohio. Certain articles of foundry equipment. 169,232; June 12; Serial No. 167,697; published Mar. 20, 1923.
Truth Tool Co., Mankato, Minn. Machinist tools—namely, cold chisels, punches, claw bars, etc. 164,890; Feb. 27.
Tru-Way Razor Company, The, Pittsburgh, Pa. Razor and razor blades. 166,804; Apr. 17; Serial No. 168,228; published Jan. 23, 1923.
Try-Me Radiator Cement Company, Denver, Colo. Radiator cement. 172,541; Sept. 4; Serial No. 173,866; published May 8, 1923.
Tryon, Edw. K., Company, Philadelphia, Pa. Artificial baits, fishhooks, fishing lines, etc. 166,751; Apr. 10.
Tryon Mills of Vermont, Bennington, Vt. Men's undershirts, underdrawers, and union suits. 174,846; Oct. 23; Serial No. 177,636; published Aug. 7, 1923.
Tryon Mills of Vermont, Bennington, Vt. Undershirts, underdrawers, and union suits. 176,583; Nov. 27; Serial No. 177,930; published Aug. 14, 1923.
Tsout Remedy Co. (See Holzman, Samuel.)
Tsuchiya, Inosuke, San Francisco, Calif. Bamboo rakes. 168,156; May 15; Serial No. 173,308; published Feb. 27, 1923.
Tsukalas, Nicholas, doing business as Self-Expression Publishing Company, Battle Creek, Mich. Magazines published monthly. 168,965; May 29; Serial No. 171,143; published Feb. 27, 1923.
Tsuneo, Tsuruda, San Jose, Calif. Japanese food known as "Miso," which is a breakfast cereal. 163,634; Jan. 23.
Tubbs Cordage Company, San Francisco, Calif. Sisal rope. 170,595; July 17; Serial No. 143,108; published June 21, 1921.
Tubbs Cordage Company, San Francisco, Calif. Rope. 170,596; July 17; Serial No. 143,106; published June 21, 1921.
Tubbs Cordage Company, San Francisco, Calif. Manila rope. 170,686; July 17, 1923.
Tubbs Cordage Company, San Francisco, Calif. Manila rope. 172,807; Sept. 11; Serial No. 143,107; published June 21, 1921.
Tubetite Manufacturing Company. (See Crumley, C. V.)
Tubular Tape Mfg. Co., Inc., Brooklyn, N. Y. Shoe lacings. 165,294; Mar. 6; Serial No. 165,729; published Dec. 5, 1922.
Tubular Woven Fabric Company, Pawtucket, R. I. Protective covering for electrical wires. 170,391; July 17; Serial No. 170,913; published Apr. 3, 1923.
Tubular Woven Fabric Company, Pawtucket, R. I. Woven tubes for electrical conductors. 177,608; Dec. 18.
Tucker Glove Company, The, Indianapolis, Ind. Hosiery. 163,633; Jan. 23.
Tuckett, H. A., Company, Salt Lake City, Utah. Spices, flavoring essences for food, extracts, etc. 172,785; Sept. 11; Serial No. 162,075; published June 5, 1923.
Tullidge, George B., Philadelphia, Pa. Castor-oil compound. 175,010; Oct. 30; Serial No. 177,931; published Aug. 7, 1923.
Tully, Michael P., doing business as Atex Mills, New York, N. Y. Nainsook athletic underwear. 171,291; Aug. 7; Serial No. 166,542; published May 8, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Tumblin, J. S., doing business as Tumblin Shine Company, Tampa, Fla. Furniture polish, floor dressing, floor oil, and automobile polish. 166,169; Mar. 27; Serial No. 166,208; published Dec. 5, 1922.

Tumblin, J. S., doing business as Tumblin Shine Company, Tampa, Fla. Germicide, insecticide, and disinfectant. 165,489; Mar. 13; Serial No. 166,209; published Dec. 5, 1922.

Tumblin Shine Company. (See Tumblin, J. S.)

Tump, Paul, Milwaukee, Wis. Cleaning powder. 173,795; Oct. 2; Serial No. 174,644; published May 29, 1923.

Turitto, Vincenzo, Washington, D. C. Tonic. 176,346; Nov. 20.

Turlington Chemical Company, The, Baltimore, Md. Remedy for tender sweaty feet, perspiration odors, callous, and corns. 163,406; Jan. 9.

"Turmac" Turkish-Macedonian Tobacco Company, Arnhem, Netherlands. Leaf tobacco, smoking and chewing tobacco, cigars, cigarettes, etc. 164,154; Feb. 13.

"Turmac" Turkish-Macedonian Tobacco Co., Arnhem, Netherlands. Smoking and chewing tobacco, cigars, cigarettes, and snuff. 167,856; May 8; Serial No. 159,226; published June 27, 1922.

Turner, Alfred S., doing business as Turner Brothers, Bladen, Nebr. Weatherproof and waterproof glass cloth. 173,086; Sept. 11.

Turner, Earl W., doing business as Turner Mfg. Co., Kokomo, Ind. Spark timers for internal-combustion engines. 169,236; June 12; Serial No. 173,302; published Mar. 6, 1923.

Turner, F. & H., Limited, Wallington, England, and Helmond, Netherlands. Cocoa and chocolate. 168,009; May 8.

Turner, F. & H., Limited, Wallington, England, and Helmond, Netherlands. Cocoa and chocolate. 174,784; Oct. 23; Serial No. 147,745; published Aug. 15.

Turner, Roy J., Chicago, Ill. Writing pads, game score cards, tabulating pads, computing pads, etc. 176,038; Nov. 13; Serial No. 179,895; published Aug. 28, 1923.

Turner & Seymour Manufacturing Co., The, Torrington, Conn. Egg beaters. 173,922; Oct. 2; Serial No. 178,580; published July 10, 1923.

Turner & Seymour Manufacturing Co., The, Torrington, Conn. Metal curtain rods. 174,505; Oct. 16; Serial No. 180,456; published July 24, 1923.

Turner & Seymour Manufacturing Co., The, Torrington, Conn. Furniture slides. 176,654; Nov. 27; Serial No. 181,922; published Sept. 18, 1923.

Turner & Walls, New York, N. Y. Silks, cotton, wool, and mixtures thereof in the piece and shirtings in the piece. 172,925; Sept. 11; Serial No. 176,928; published May 29, 1923.

Turner and Williams, San Antonio, Tex. Salve for extracting poisons or germs from wounds, splinters, cuts, etc. 166,225; Mar. 27; Serial No. 165,044; published Nov. 28, 1922.

Turnit Oven Company, The, Philadelphia, Pa. Oven slides. 172,502; Aug. 28.

Turrell Shoe Co., Seattle, Wash. Leather shoes. 176,348; Nov. 20.

Tuska, C. D., Company, The, Hartford, Conn. Radio apparatus. 167,539; May 1; Serial No. 171,109; published Jan. 23, 1923.

Tut Manufacturing Company. (See Vaughan, Mabel E.)

Tuxedo Shirt Co. Inc., New York, N. Y. Silk piece goods. 169,928; July 3.

Tuxedo Shirt Co., Inc., New York, N. Y. Silk piece goods and crêpe piece goods. 169,939; July 3.

Tuxedo Shirt Co. Inc., New York, N. Y. Dress, negligee, and work shirts. 173,224; Sept. 18; Serial No. 173,944; published June 19, 1923.

Twaddell, John P., assignor to John Wanamaker, Philadelphia, Philadelphia, Pa. Shoes for men and boys. 24,264; renewed Feb. 20, 1924.

Twaits, Norma A., Jersey City, N. J. Marmalade and jellies. 175,749; Nov. 13; Serial No. 165,169; published Aug. 28, 1923.

Twentieth Century Laboratories, Chicago, Ill. Tissue-building tonic, liniment for sprains, bruises, nerve tonic, bronchial sirup, etc. 163,188; Jan. 2.

20th Century Tire Protector Co., Midlothian, Tex. Self-vulcanizing or cold tube patch for automobile and motor-cycle inner tubes. 165,068; Mar. 6. Serial No. 164,976; published Nov. 14, 1922.

Twin Falls County Potato Growers Inc., Twin Falls, Idaho. Fresh potatoes. 168,818; May 29; Serial No. 170,103; published Mar. 13, 1923.

Twin Piston Ring Corporation, West Orange, N. J. Piston rings. 175,415; Nov. 6; Serial No. 162,699; published Aug. 21, 1923.

Twintex Underwear Corporation, Milton, Pa. Hosiery and knit underwear. 163,635; Jan. 23.

Two Laboratories. (See Towner, Orrin W.)

Twohy-Smith Company, Superior, Wis. Dried fruit, canned vegetables, peanut butter, etc. 176,457; Nov. 27; Serial No. 176,810; published Sept. 4, 1923.

Twohy-Smith Company, Superior, Wis. Dried fruit, canned vegetables, peanut butter, etc. 176,842; Dec. 4; Serial No. 176,809; published Sept. 4, 1923.

Twombly, Edna G., Stoughton, Mass., administratix of the estate of Dr. James Twombly. Tonic for the nervous system. 170,819; July 24; Serial No. 171,341; published Apr. 21, 1923.

Tycer, Warren I., Roseville, Ohio. Earthenware utensils. 174,694; Oct. 23; Serial No. 180,088; published July 31, 1923.

Tyler, F. J., Bethel, Me. Canned corn. 172,243; Aug. 28; Serial No. 162,328; published Apr. 24, 1923.

Tyler, R. B., Co., Louisville, Ky. Stucco material for exterior and interior use. 167,515; May 1; Serial No. 165,101; published Jan. 9, 1923.

Typke & King, Ltd., Micham Common, Surrey, England. Antimony, cadmium sulphides, arsenic sulphides, chrome oxides, etc. 172,753; Sept. 11; Serial No. 165,168; published Apr. 24, 1923.

Tyree, J. S., Chemist, Inc., Washington, D. C. Antiseptic powders. 163,407; Jan. 9.

Tyree, Josiah S., Washington, D. C. Medicinal preparations for use in cases of chronic pyelitis, inflammation of the kidneys, etc. 163,408; Jan. 9.

Tyree, Josiah S., Washington, D. C. Medicinal powders for internal use. 167,819; May 8; Serial No. 161,460; published Feb. 13, 1923.

Tyroler, Joseph, New York, N. Y. Picture-projection lamp and parts thereof. 177,524; Dec. 18; Serial No. 182,524; published Oct. 2, 1923.

Tysmol Co., San Francisco, Calif. Preparation for neuritis, sciatica, neuralgia, rheumatism, etc. 163,189; Jan. 2.

U M A Medicine Company, Joplin, Mo. Blood-purifying medicine. 165,816; Mar. 20; Serial No. 165,973; published Jan. 2, 1923.

U. R. S. Candy Stores, Inc., also doing business as United Happiness Candy Stores, Long Island City, N. Y. 165,800; Mar. 20; Serial No. 161,657; published Dec. 26, 1922.

U. R. S. Candy Stores, Inc., also doing business as United Happiness Candy Stores, Long Island City, N. Y. Candy. 165,981; Mar. 27; Serial No. 161,657; published Dec. 26, 1922.

U. R. S. Candy Stores, Inc., Long Island City, N. Y. Candy. 169,135; June 12; Serial No. 154,675; published Mar. 27, 1923.

U. R. S. Candy Stores, Inc., also doing business as United Happiness Candy Stores, Long Island City, N. Y. Candy. 170,840; July 24; Serial No. 161,072; published Dec. 26, 1922.

U. R. S. Candy Stores, Inc., doing business as United Happiness Candy Stores, Long Island City, N. Y. Candy. 171,310; Aug. 7; Serial No. 162,594; published May 1, 1923.

U. R. S. Candy Stores, Inc., New York, N. Y. Candy. 175,710; Nov. 6.

U. S. Bedding Company, Memphis, Tenn. Beds, bed springs, and mattresses. 175,727; Nov. 13; Serial No. 179,246; published Aug. 28, 1923.

U. S. Industrial Chemical Co., Baltimore, Md. Fertilizers. 175,892; Nov. 13; Serial No. 141,284; published Sept. 4, 1923.

U. S. Manufacturing Corporation, Decatur, Ill. Implements for killing and disabling insects, flies, and the like. 172,577; Sept. 11; Serial No. 172,453; published June 5, 1923.

U. S. Manufacturing Corporation, Decatur, Ill. Fly swatters. 172,889–91; Sept. 11; Serial Nos. 175,686–8; published June 5, 1923.

U. S. Mop Company, Inc., The, Toledo, Ohio. Floor mops, hand dusters, floor brushes, wall dusters. 177,428; Dec. 18; Serial No. 150,170; published Oct. 2, 1923.

U. S. Paper Goods Co., The, Cincinnati, Ohio. Paper bags. 176,062; Nov. 13; Serial No. 180,911; published Sept. 4, 1923.

U. S. Sanitary Specialties Corporation, Chicago, Ill. Soap. 177,559; Dec. 18; Serial No. 173,545; published Sept. 25, 1923.

U. S. Sanitary Specialties Corporation, Chicago, Ill. Scrubbing compound. 177,560; Dec. 18; Serial No. 173,542; published Sept. 25, 1923.

U. S. Tool Company, Inc., Newark, N. Y. Apparatus and appurtenances used in radiotelephony. 174,435; Oct. 16; Serial No. 178,783; published June 26, 1923.

U-Sal Company. (See Weaver, George E.)

Ubs, Mike, Elgin, Nebr. Medicine for treatment of rheumatism, kidney, liver, and stomach trouble, etc. 172,418; Aug. 28.

Ubiko Milling Company, The, Cincinnati, Ohio. Stock feed. 176,640; Nov. 27; Serial No. 165,900; published Aug. 21, 1923.

Ubiko Milling Company, The, Cincinnati, Ohio. Stock and poultry foods. 177,022; Dec. 11; Serial No. 165,902; published Aug. 7, 1923.

Ucoline Products Co. (See Davis, Paul P.)

Udell Works, The, Indianapolis, Ind. Desks, bookcases, chifforobes, talking-machine records, etc. 165,365; Mar. 6; Serial No. 162,149; published Nov. 28, 1922.

Udell Works, The, Indianapolis, Ind. Talking-machine-record cabinets, talking-machine cabinets, radio and player-piano-roll cabinets. 167,781; May 8; Serial No. 171,110; published Jan. 30, 1923.

Udell Works, The, Indianapolis, Ind. Ironing boards and stands and drying racks. 167,945; May 8; Serial No. 169,610; published Feb. 13, 1923.

U-File-M Binder Mfg. Company, Syracuse, N. Y. Loose-leaf binders. 166,123; Mar. 27; Serial No. 152,904; published Aug. 1, 1922.

Alphabetical list of registrants of trade-marks—Continued.

Uhl, Charles J., assignor to Charles J. Uhl, Chicago, Ill. Ointment or jelly for external use. 23,670; renewed Oct. 3, 1923.

Uhry, Edmund, New York, N. Y. Ladies' trimmed and tailored hats. 166,815; Apr. 17; Serial No. 167,276; published Jan. 9, 1923.

Uihlein, Julius, & Company. (See Uihlein, Julius.)

Uihlein, Julius, doing business as Julius Uihlein & Company, Cincinnati, Ohio. Steel blocks, disks, bars, and forgings. 165,675; Mar. 20; Serial No. 166,483; published Dec. 19, 1922.

Uihlein, Julius, doing business as Julius Uihlein and Company, Cincinnati, Ohio. Steel blocks, disks, bars, and forgings. 166,176; Mar. 27; Serial No. 166,485; published Dec. 19, 1922.

Uklean Co., Los Angeles, Calif. Jewelry-cleaning outfit. 168,964; May 29; Serial No 171,237; published Mar. 6, 1923.

Ulbs, Mike, Elgin, Nebr. Medicine for use in the treatment of rheumatism, kidney, liver, and stomach troubles, etc. 163,190; Jan. 2.

Ullman, Sigmund Company, New York, N. Y. Inks, blacks, etc. 174,734; Oct. 23; Serial No. 156,473; published July 24, 1923.

Ulmann, Bernhard, Co., Inc., New York, N. Y. Art needlework, knitting work, crocheting work, stamped, cut, or otherwise prepared for customer, etc. 165,874; Mar. 20.

Ulmann, Bernhard, Co. Inc., New York, N. Y. Ribbons in the piece, towels and toweling, tapestry, and piece goods. 169,035; May 29.

Ulmann, Bernhard, Co. Inc., New York, N. Y. Floss, embroidery rope, yarns, and threads. 169,036; May 29.

Ulmann, Bernhard Co. Inc., New York, N. Y. Yarns for knitting, crocheting, and art needlework. 171,552; Aug. 7; Serial Nos. 178,149–50; published May 8, 1923.

Ulmann, Bernhard, Co. Inc., New York, N. Y. Yarn, thread for art needlework, embroidery, crocheting, etc. 172,843; Sept. 11; Serial No. 177,421; published June 5, 1923.

Ulmann, Bernhard, Co. Inc., New York, N. Y. Yarns for knitting, crocheting, and art needlework. 172,848; Sept. 11; Serial No. 176,380; published June 5, 1923.

Ulmann, Bernhard, Co. Inc., New York, N. Y. Yarns for knitting, crocheting, and art needlework. 172,849; Sept. 11; Serial No. 176,378; published June 5, 1923.

Ulmann, Bernard, Co. Inc., New York, N. Y. Art-needlework package. 175,055; Oct. 30; Serial No. 179,286; published Aug. 7, 1923.

Umpqua Valley Canning Company, Rosenburg, Oreg. Canned and dried fruits and canned vegetables. 170,989; July 24.

Uncle Sam's Hygienic Mattress Co. (See Contrado, Fred.)

Uncle Tom Company, The. (See Parks, Fred C.)

Unchokeable Pump, Limited, London, England. Pumps. 173,935; Oct. 2; Serial No. 177,252; published July 10, 1923.

Uncle Wiggily Doll Co., The, New York, N. Y. Dolls simulating animal characters. 173,301; Sept. 18; Serial No. 179,754; published June 19, 1923.

Underwood, Frank K., doing business as Underwood Candy Co., Oskaloosa, Iowa. Candy. 177,306; Dec. 18; Serial No. 170,959; published Sept. 25, 1923.

Underwood Typewriter Company, New York, N. Y. Typewriting machines and typewriting-machine parts. 167,706; May 8; Serial No. 157,642; published Feb. 20, 1923.

Underwood, William, Company, Boston, Mass. Potatoes and salt fish combined as fish cakes. 169,550; June 19.

Unger, Louis J., doing business as Marathon Sales Co., New York, N. Y. Talking-machine needles, talking machines, and talking-machine records, and mechanical motors, etc. 164,658; Feb. 27.

Ungerbuehler, Albert L., doing business as Cincinnati Brush & Mop Manufacturing Company, Cincinnati, Ohio. Brooms. 177,701; Dec. 25; Serial No. 183,129; published Oct. 2, 1923.

Unico Motor Products Corporation, St. Louis, Mo. Piston or packing rings. 168,237; May 15; Serial No. 166,333; published Jan. 30, 1923.

Unico Motor Products Corporation, St. Louis, Mo. Piston or packing rings. 174,952; Oct. 30; Serial No. 166,332; published Aug. 14, 1923.

Uni-Lak Company, The. (See Mathes, Kirke B.)

Union Asbestos & Rubber Company, Chicago, Ill. Compressed-asbestos-fiber-sheet machinery packing. 168,199; May 15; Serial No. 165,468; published Jan. 30, 1923.

Union Bag & Paper Corporation, Jersey City, N. J., and New York, N. Y. Wrapping paper. 163,409; Jan. 9.

Union Bag & Paper Corporation, Jersey City, N. J., and New York, N. Y. Paper bags. 165,849; Mar. 20; Serial No. 169,040; published Jan. 2, 1923.

Union Bakery, Marion, Ohio. Bread. 176,566; Nov. 27; Serial No. 179,691; published Sept. 18, 1923.

Union Biscuit Co., St. Louis, Mo. Sugar wafers. 167,110; Apr. 24; Serial No. 162,785; published Dec. 12, 1922.

Union Brush Co. (See Meerse, Jacob.)

Union Celery Company, Kansas City, Mo. Fresh tomatoes. 168,702; May 29; Serial No. 166,486; published Mar. 6, 1923.

United Chemical and Organic Products Co., Chicago, Ill. Hog feed and meal. 177,398; Dec. 18; Serial No. 182,191; published Oct. 2, 1923.

United Chemical and Organic Products Co., Chicago, Ill. Steam bone mineral meal. 177,626; Dec. 25; Serial No. 182,190; published Oct. 2, 1923.

United Chemical and Organic Products Co., Chicago, Ill. Gelatin. 177,627; Dec. 25; Serial No. 182,189; published Oct. 9, 1923.

Union Construction Company, San Francisco, Calif. Radio receiving sets and parts thereof. 168,757; May 29; Serial No. 171,671; published Feb. 20, 1923.

Union Cutlery Co., Olean, N. Y. Cutlery. 168,642; May 29; Serial No. 165,514; published Feb. 20, 1923.

Union Cutlery Co., Olean, N. Y. Razors, pocketknives, and scissors. 169,258; June 12; Serial No. 171,714; published Mar. 20, 1923.

Union Cutlery Co., Olean, N. Y. Razors. 170,298; July 10; Serial No. 175,033; published Apr. 17, 1923.

Union Fork and Hoe Company, The, Columbus, Ohio. Cultivators. 167,964; May 8.

Union Hardware Company, Torrington, Conn., and New York, N. Y. Ice and roller skates. 23,727; renewed Oct. 17, 1923.

Union Hosiery Company. (See Wallach, David.)

Union Macaroni Company, Beaumont, Tex. Macaroni, spaghetti, vermicelli, noodles, and cut macaroni. 166,866; Apr. 17; Serial No. 163,554; published Jan. 30, 1923.

Union Manufacturing Company, The, Frederick, Md. Hosiery. 166,015; Mar. 27; Serial No. 163,016; published Nov. 7, 1922.

Union News Company, The, New York, N. Y. Candies and assorted chocolates. 171,333; Aug. 7; Serial No. 172,498; published May 15, 1923.

Union Oil Company of California, Los Angeles, Calif. Petroleum tailings, road, residual, black and fuel oils. 168,103; May 15; Serial No. 164,782; published Feb. 20, 1923.

Union Oil Company of California, Los Angeles, Calif. Transmission oils and greases. 174,656; Oct. 23; Serial No. 181,547; published July 31, 1923.

Union Oil Company of California, Los Angeles, Calif. Transmission oils and greases. 174,879; Oct. 23; Serial No. 181,548; published July 31, 1923.

Union Paper Company, New York, N. Y. Paper cans. 170,356; July 10.

Union Paper & Twine Co., The, Cleveland, Ohio. Wrapping paper. 176,563; Nov. 27; Serial No. 180,567; published Aug. 7, 1923.

Union Petroleum Company, Philadelphia, Pa. Petroleum jelly for medicinal and surgical purposes. 163,191; Jan. 2.

Union Petroleum Company, Philadelphia, Pa. Oils for heating purposes. 167,767; May 8; Serial No. 173,453; published Feb. 13, 1923.

Union Petroleum Company, Philadelphia, Pa. Oils. 171,920; Aug. 14.

Union Petroleum Company, Philadelphia, Pa. Core oils. 175,210; Oct. 30.

Union Petroleum Company, Philadelphia, Pa. Oils and oiling compositions. 175,531; Nov. 6; Serial No. 180,990; published Aug. 28, 1923.

Union Pharmacal Company. (See Schier, Philip.)

Union Pharmacal Company, Kansas City, Mo. Face, finishing, bleaching, cold, vanishing, almond, lemon, and cocoa-butter creams, etc. 176,271; Nov. 20; Serial No. 177,414; published Aug. 14, 1923.

Union Piano Company, doing business as Hall & Sons, Chicago, Ill. Pianos. 174,548; Oct. 16.

Union Radio Corporation, New York, N. Y. Radio telephone and telegraphic instruments and parts thereof. 171,068; July 31; Serial No. 162,091; published Apr. 24, 1923.

Union Specialty Mfg. Company, Albion, Mich. Ice-cream cutters. 163,875; Feb. 6.

Union Steel Products Company Limited, The, Albion, Mich. Pie, cooky, and bread rack trucks, proof-box, dough-trough, etc., trucks. 174,328; Oct. 16; Serial No. 178,008; published July 17, 1923.

Union Sugar Company, San Francisco, Calif. Beet, cane, and maple sugar. 174,495; Oct. 16; Serial No. 178,310; published July 24, 1923.

Union Trust Company, The, Cleveland, Ohio. Monthly publication. 163,797; Jan. 30.

Unit Construction Company, Philadelphia, Pa. Portable sectional partitions of wood and glass. 172,379–80; Aug. 28; Serial Nos. 152,048–9; published May 1, 1923.

United Alfalfa Co., Omaha, Nebr. Stock and poultry feed. 172,618–19; Sept. 11; Serial Nos. 162,783–4; published June 5, 1923.

United Alloy Steel Corporation. (See Stark Rolling Mill Company, assignor.)

United Alloy Steel Corporation, New York, N. Y., and Canton, Ohio. Steel roofing, siding, and ceilings, metal lath and lumber, etc. 163,192; Jan. 2.

United Alloy Steel Corporation, New York, N. Y., and Canton, Ohio. Steel, alloy steel, and steel bars and sheet bars. 166,005; Mar. 27; Serial No. 168,811; published Dec. 19, 1922.

United Alloy Steel Corporation, New York, N. Y., and Canton, Ohio. Black and galvanized steel, rust-resisting and anticorrosive iron, etc. 174,736; Oct. 23; Serial No. 154,895; published July 31, 1923.

United Appliance Company, Jackson, Mich. Electric washing machines. 175,769; Nov. 13; Serial No. 177,253; published Sept. 4, 1923.

United Autographic Register Co., Chicago, Ill. Loose-leaf binders and leaves thereof. 174,663; Oct. 23; Serial No. 169,993; published July 24, 1923.

United Business Equipment Co., Boston, Mass. Folders, cards, guides, stationery, etc. 175,322; Nov. 6; Serial No. 180,910; published Aug. 21, 1923.

United Cement Products Co., Indianapolis, Ind. Septic tanks. 163,260; Jan. 2.

United Chemical Companies, Kansas City, Mo. Cleanser, disinfectant, and deodorizer. 172,798; Sept. 11; Serial No. 174,546; published June 5, 1923.

United Cigar Stores Company of America, Jersey City, N. J., and New York, N. Y. Cigar and cigarette holders and cases, match boxes, etc. 165,091; Mar. 6. Serial No. 154,624; published Nov. 28, 1922.

United Cigar Stores Company of America, Jersey City, N. J., and New York, N. Y. Pipes. 165,457; Mar. 13; Serial No. 171,560; published Dec. 26, 1922.

United Cigar Stores Company of America, Jersey City, N. J., and New York, N. Y., assignor to United Retail Chemists Corporation, New York, N. Y. Fruit beverage sold as a soft drink. 168,400; May 22; Serial No. 171,672; published Feb. 20, 1923.

United Cigar Stores Company of America, Jersey City, N. J., and New York, N. Y. Candies and chocolates. 168,700; May 29; Serial No. 166,613; published Mar. 6, 1923.

United Confectioners Supply Co., New York, N. Y. Flavors for food, marshmallow topping, etc. 171,446; Aug. 7; Serial No. 158,906; published May 8, 1923.

United Drug Company, Boston, Mass. Perfume extract, toilet water, cleansing and vanishing cream. 168,814; May 29; Serial No. 170,049; published Feb. 13, 1923.

United Drug Company, doing business as Langlois, Boston, Mass. Perfumes, toilet waters, complexion powders, etc. 172,531; Sept. 4; Serial No. 173,793; published May 29, 1923.

United Electrical Manufacturing Co., Adrian, Mich. Electrical motor horns. 169,450; June 19; Serial No. 172,787; published Mar. 27, 1923.

United Fig & Date Company, The, Chicago, Ill. Brazil nuts in their raw state. 173,378; Sept. 25; Serial No. 176,298; published July 3, 1923.

United Fig & Date Co., The, Chicago, Ill. Nuts and nut products. 173,612; Oct. 2; Serial No. 157,701; published July 3, 1923.

United Food Products Company. (See Peacock, William F.)

United Fruit Company, Boston, Mass. Dairy products. 176,627; Nov. 27; Serial No. 163,242; published Aug. 21, 1923.

United Fruit Company, Boston, Mass. Dairy products. 176,631; Nov. 27; Serial No. 163,245; published Aug. 21, 1923.

United Garment Company, The, Louisville, Ohio. Children's dresses. 163,636; Jan. 23.

United Garment Workers of America, New York, N. Y. Posters, certificate cards, circulars and booklets. 165,167; Mar. 6; Serial No. 137,547; published Dec. 19, 1922.

United & Globe Rubber Company, Trenton, N. J. Brake linings. 169,997; July 10; Serial No. 144,166; published Apr. 26, 1921.

United Growers Association of California, Los Angeles, Calif. Fresh fruits and vegetables. 164,056; Feb. 13.

United Happiness Candy Stores. (See U. R. S. Candy Stores, Inc.)

United Hosiery Mills Corporation, East Chattanooga, Tenn. Hosiery. 163,193; Jan. 2.

United Hosiery Mills Corporation, Chattanooga, Tenn. Hosiery. 173,869; Oct. 2; Serial No. 176,861; published June 19, 1923.

United Hosiery Mills Corporation, Chattanooga, Tenn. Hosiery. 174,312; Oct. 9.

United Hosiery Mills Corporation, Chattanooga, Tenn. Hosiery. 176,155; Nov. 20; Serial No. 169,428; published June 5, 1923.

United Hosiery Mills Corporation, Chattanooga, Tenn. Hosiery. 177,563; Dec. 18; Serial No. 175,971; published Oct. 2, 1923.

United Iron Works, Inc., Kansas City, Mo. Waste, oval-bed, tram, dump, etc., cars, wheels, and wheeled loading racks or trucks. 165,107; Mar. 6; Serial No. 139,064; published Oct. 17, 1922.

United Kimono Co. (See Joseph Bros.)

United Lace & Braid Mfg. Co., Cranston, R. I. Shoe, underwear, and blouse lacings, galloons, and braids. 175,097; Oct. 30; Serial No. 179,897; published Aug. 7, 1923.

United Marine & Fuel Corporation, New York, N. Y. Lubricating oils. 169,634; June 26; Serial No. 175,034; published Mar. 27, 1923.

United Mills Company Inc., Louisville, Ky. Men's, women's, and children's hosiery. 174,650; Oct. 23; Serial No. 181,325; published Aug. 7, 1923.

United Oil Company, Fort Dodge, Iowa. Gasoline, kerosene, naphtha, lubricating oil, distillate gas, oil, etc. 168,358; May 22; Serial No. 168,358; published Feb. 20, 1923.

United Oil & Natural Gas Products Corporation, The, Monroe, La. Hydrocarbon black used as a base in the manufacture of paints, varnish, etc. 170,445; July 17; Serial No. 172,133; published Apr. 10, 1923.

United Paint Manufacturing Co., also operating as Van Sickle Mfg. Co., Lincoln, Nebr. Cement or chemical preparation used to seal water, gas, and steam connections or joints, and particularly to seal gaskets. 164,891; Feb. 27.

United Paint-Up Stores, Inc., Reading, Pa. Paste and ready-mixed paints, varnishes, stains, and enamel paints. 169,517; June 19; Serial No. 172,302; published Mar. 20, 1923.

United Piano Corporation, New York, N. Y. Pianos, player pianos, reproducing pianos, and parts thereof. 164,396; Feb. 20.

United Piece Dye Works, Lodi, N. J. Dyed, printed, and finished textile fabrics, printed silk foulards. 177,466; Dec. 18; Serial No. 177,152; published Sept. 25, 1923.

United Profit Sharing Corporation, New York, N. Y. Premium tokens and coupons. 163,766; Jan. 23.

United Retail Candy Stores, Inc., New York, N. Y. Candy. 169,992; July 10; Serial No. 140,358; published Mar. 22, 1921.

United Retail Chemists Corporation. (See United Cigar Stores Company of America, assignor.)

United Retail Chemists Corporation, New York, N. Y. Tooth paste. 169,784; July 3; Serial No. 149,039; published Mar. 27, 1923.

United Retail Chemists Corporation, New York, N. Y. Emulsion of cod-liver oil, sirup of white pine and tar, aspirin, etc. 169,886; July 3; Serial No. 154,773; published Mar. 13, 1923.

United Retailers, Inc., The, Boston, Mass. Cigars. 163,454; Jan. 9.

United Shoe Machinery Corporation. (See McKay Metallic Fastening Association, assignor.)

United Shoe Machinery Corporation, Paterson, N. J., and Boston, Mass. Nails. 175,099; Oct. 30; Serial No. 179,755; published Aug. 7, 1923.

United Shoe Machinery Corporation, Paterson, N. J., and Boston, Mass. Nails. 175,297; Nov. 6; Serial No. 182,024; published Aug. 14, 1923.

U. S. Auto Lamp Mfg. Co., Inc., New York, N. Y. Electric lamps for automobiles. 164,283; Feb. 20.

U. S. Hame Company, Buffalo, N. Y. Hames, hame trimmings, and saddlery hardware. 171,211–12; July 31; Serial Nos. 178,312–13; published May 15, 1923.

U. S. Hame Company, Buffalo, N. Y. Hame attachments. 172,055; Aug. 21; Serial No. 178,481; published May 29, 1923.

U. S. Hame Company, Buffalo, N. Y. Hame trimmings and saddlery hardware. 172,410; Aug. 28; Serial No. 178,311; published May 29, 1923.

U. S. Leather Goods Company, Chicago, Ill. Pocketbooks, bill folds, cardcases, etc. 171,520; Aug. 7; Serial No. 173,455; published May 8, 1923.

U. S. Oil & Supply Co., Providence, R. I. Lubricating greases. 169,495; June 19; Serial No. 148,904; published Mar. 20. 1923.

U. S. Sanitary Specialties Corporation, Chicago, Ill. Deodorant and disinfectant. 172,358; Aug. 28; Serial No. 173,544; published May 1, 1923.

U. S. Sewing Thread Co. (See Chertoff, N., Inc.)

U. S. Specialty Mfg. Co., West Somerville, Mass. Dry-cleaning preparation for leather, cameras, etc. 163,543; Jan. 16.

United States Agency Omega Watch Company, New York, N. Y. Watches. 164,212; Feb. 13.

United States Athletic Company. (See Olmsted, Leon A.)

United States Bung Mfg. Co., The, New York and Brooklyn, N. Y., and Cincinnati, Ohio. Bungs. 170,928; July 24; Serial No. 162,909; published Apr. 24, 1923.

United States Bronze Powder Works, Inc., New York, N. Y. Bronze powder and bronzing liquid. 171,408; Aug. 7; Serial No. 176,313; published May 8, 1923.

United States Bronze Powder Works, Inc., New York, N. Y. Bronze powders and bronzing liquids. 174,489; Oct. 16; Serial No. 176,230; published July 24, 1923.

United States Chain Co., Denver, Colo. Nonskid chains for automobile tires. 165,032; Feb. 27.

United States Chain & Forging Company, Pittsburgh, Pa. Chains of base metal, cross chains, and tire chains. 164,382; Feb. 20.

United States Dental Manufacturing Co., The, Cleveland, Ohio. Dental engines and handpieces, engine, finishing, and crosscut burs, cavity openers, etc. 164,254; Feb. 13.

United States Flour Mills Company, New Orleans, La. Hard-wheat flour, soft-wheat flour and self-rising flour. 170,865; July 24; Serial No. 167,437; published Mar. 20, 1923.

United States Flour Mills Company, New Orleans, La. Hard-wheat flour, soft-wheat flour, and self-rising flour. 170,866; July 24; Serial No. 167,436; published Mar. 20, 1923.

United States Foil Company, Louisville, Ky. Foil wrappers. 164,448; Feb. 20.

Alphabetical list of registrants of trade-marks—Continued.

United States Foil Company, Louisville, Ky. Shredded tin foil for Christmas-tree and other decorative purposes. 175,302; Nov. 6; Serial No. 166,964; published Aug. 21, 1923.

United States Gutta Percha Paint Company, Saco, Me. and Providence, R. I. Ready-mixed paints. 165,664; Mar. 20; Serial No. 166,916; published Dec. 26, 1922.

United States Gypsum Company, Chicago, Ill. Calcined gypsum, plaster of Paris, wall plaster, gauging plaster. 167,733; May 8; Serial No. 159,633; published Jan. 30, 1923.

United States Gypsum Company, Chicago, Ill. Calcined gypsum, stucco, and wall plaster. 172,143; Aug. 21; Serial No. 176,862; published May 29, 1923.

United States Gypsum Company, Chicago, Ill. Plaster board and plaster wall board. 172,145; Aug. 21; Serial No. 177,804; published May 29, 1923.

United States Gypsum Company, Chicago, Ill. Calcined gypsum wall plasters. 172,927; Sept. 11; Serial No. 176,514; published June 5, 1923.

United States Gypsum Company, Chicago, Ill. Calcined gypsum, stucco, and wall plasters. 175,113; Oct. 30; Serial No. 176,863; published Aug. 7, 1923.

United States Hammered Piston Ring Co., Irvington, N. J. Piston rings. 168,081; May 15; Serial No. 140,477; published Dec. 26, 1922.

United States Hoffman Machinery Corporation, New York, N. Y. Monthly publication. 164,034; Feb. 6.

United States Hosiery Co., Reading, Pa. Hosiery. 174,310; Oct. 9.

United States Juvenile Vehicle Co. (See Casey, John T.)

United States Lens Company, The, Wheeling, W. Va. Automobile headlight cover glasses. 171,410; Aug. 7; Serial No. 173,059; published May 8, 1923.

United States Macaroni Company, Los Angeles, Calif. Lasagne, lasagnette, tagiarellini, zitoni, ziti, etc. 164,930; Feb. 27.

United States Machinery Manufacturing Company, Springfield, Mass. Dishwashing machines. 163,918; Feb. 6.

United States Music Company, Chicago, Ill. Perforated music rolls. 164,157; Feb. 13.

United States Overall Manufacturing Company, The, Cincinnati, Ohio. Convertible coats. 173,664; Oct. 2; Serial No. 175,972; published June 19, 1923.

United States Pencil Co., Philadelphia, Pa. Lead and paper crayon pencils. 170,467; July 17; Serial No. 166,334; published Apr. 10, 1923.

United States Playing Card Company, The. (See Cincinnati Game Company, assignor.)

United States Playing Card Company, The. (See Duplicate Whist Company, assignor.)

United States Playing Card Company, The. (See Fireside Game Company, assignor.)

United States Playing Card Company, The, East Norwood, Cincinnati, Ohio. Playing cards. 175,907–9; Nov. 13; Serial Nos. 178,537–9; published Aug. 21, 1923.

United States Playing Card Company, The, East Norwood, Cincinnati, Ohio. Playing cards. 176,213; Nov. 20; Serial No. 178,536; published Aug. 28, 1923.

United States Portland Cement Company, The, Denver, Colo. Portland cement. 172,913; Sept. 11; Serial No. 178,642; published June 5, 1923.

United States Printing Co., The, assignor to The United States Playing Card Company, Cincinnati, Ohio. Playing cards. 22,580; renewed Mar. 7, 1923.

United States Printing Co., The, assignor to The United States Playing Card Company, Cincinnati, Ohio. Playing cards. 22,582; renewed Mar. 7, 1923.

United States Printing Company, The, assignor to The United States Playing Card Company, Cincinnati, Ohio. Playing cards. 23,782; renewed Nov. 7, 1923.

United States Products Corporation, San Francisco, Calif. Dried fruits or dehydrated fruits and vegetables, 164,976; Feb. 27.

United States Products Corporation, San Francisco, Calif. Dried fruits or dehydrated fruits and vegetables. 165,966; Mar. 27; Serial No. 157,971; published Nov. 28, 1922.

United States Products Corporation, San Francisco, Calif. Canned fruits and vegetables and dried fruit. 167,847; May 8; Serial No. 164,978; published Feb. 20, 1923.

United States Products Corporation, San Francisco, Calif. Canned fruit, canned vegetables, canned fish, dried fruit. 168,638; May 29; Serial No. 164,979; published Feb. 27, 1923.

United States Products Corporation, San Jose, Calif. Canned fruits, vegetables, and fish. 170,655; July 17; Serial No. 168,391; published Apr. 17, 1923.

United States Products Corporation, San Francisco, Calif. Canned and dried fruits. 177,019; Dec. 11; Serial No. 166,331; published Sept. 25, 1923.

United States Refractories Co., San Luis Obispo, Calif. Bricks. 172,921; Sept. 11; Serial No. 177,254; published June 5, 1923.

United States Rubber Company, New Brunswick, N. J., and New York, N. Y. Aprons for icemen. 171,848; Aug. 14; Serial No. 171,002; published May 15, 1923.

United States Rubber Company, New Brunswick, N. J., and New York, N. Y. Coats. 173,495; Sept. 25; Serial No. 175,580; published June 19, 1923.

United States Rubber Company, New Brunswick, N. J., and New York, N. Y. Rubber heels. 176,148; Nov. 20; Serial No. 171,880; published July 31, 1923.

United States Rubber Company, New Brunswick, N. J., and New York, N. Y. Felt slippers. 176,962; Dec. 11; Serial No. 177,753; published Sept. 18, 1923.

United States Tire Company, New York, N. Y. Tubes for tires. 163,194; Jan. 2.

United States Willow Furniture Co., Hoboken, N. J. Willow furniture. 166,331; Mar. 27.

United Turkey Red Company, Limited, Glasgow, Scotland. Outer garments, headwear, work, negligee, and dress shirts, and blouses, etc. 172,035; Aug. 21; Serial No. 162,787; published May 22, 1923.

United Turkey Red Company, Limited, Glasgow, Scotland. Cotton yarns. 173,237; Sept. 18; Serial No. 165,838; published June 19, 1923.

Universal Engineering Company, Maywood, Ill. Electric light and power plant units for farms, country homes, stores, etc. 169,448; June 19; Serial No. 172,810; published Mar. 27, 1923.

Universal Feature and Specialty Company, Chicago, Ill. Books and comic section in daily newspapers. 171,713; Aug. 14; Serial No. 150,833; published May 1, 1923.

Universal Feature & Specialty Company, Chicago, Ill. Dolls and puzzle games. 173,692; Oct. 2; Serial No. 177,344; published June 19, 1923.

Universal Laboratories Inc, Harrisburg, Pa. Mouth washes. 164,421; Feb. 20.

Universal Laboratories, Inc., Los Angeles, Calif. Ant-poisoning fluid compound. 168,231; May 15; Serial No. 171,342; published Feb. 13, 1923.

Universal Motor Company, Oshkosh, Wis. Farm lighting plants. 164,649; Feb. 27.

Universal Motor Company, Oshkosh, Wis. Internal-combustion engines. 177,097; Dec. 11; Serial No. 171,144; published Sept. 25, 1923.

Universal Products Company, San Francisco, Calif. Robe locks. 165,978; Mar. 27; Serial No. 161,159; published Dec. 19, 1922.

Universal Romper Company, New York, N. Y. Children's dresses and rompers. 163,637; Jan. 23.

Universal Sales Company, Prestonsburg, Ky., and Indianapolis, Ind. Compound for softening and removing paints, varnishes, etc. 166,195; Mar. 27; Serial No. 162,076; published Nov. 28, 1922.

Universal Theatres Concession Co., Chicago, Ill. Candy. 174,908; Oct. 23; Serial No. 179,070; published July 31, 1923.

Universal Theatres Concession Co., Chicago, Ill. Candy. 174,909; Oct. 23; Serial No. 179,072; published July 31, 1923.

Universal Valve Company, The, New Britain, Conn. Flush valves. 175,689; Nov. 6.

Universal Wholesale Grocery Co., Chicago, Ill. Canned goods, etc. 176,857; Dec. 4; Serial No. 174,042; published Aug. 28, 1923.

Universe Corporation, Chicago, Ill. Refrigerators. 174,562; Oct. 23; Serial No. 181,156; published July 24, 1923.

University Pickle Company. (See Maffitt, Ellen W.)

Unkefer, Geo. R., Inc., Chicago, Ill. Oil used in making ready-mixed enamels and paints. 172,201; Aug. 28; Serial No. 172,135; published May 29, 1923.

Unné, Ernst Harrogate, York, England. Apparatus or appliance for massaging the teeth and gums. 175,904; Nov. 13; Serial No. 178,152; published Sept. 4, 1923.

Unruh H. P. Co., The, Chanute, Kans. Medical preparation for colds, cuts, burns, etc. 176,194; Nov. 20; Serial No. 155,940; published July 10, 1923.

Upco Manufacturing and Sales Company, The, Cincinnati, Ohio. Spark timers for internal-combustion engines. 174,906; Oct. 23; Serial No. 179,017; published July 31, 1923.

Upjohn Company, The, Kalamazoo, Mich. Effervescent salt. 163,195; Jan. 2.

Upton Supply Company. (See Murray, C. Alexander.)

Urban, George Milling Company, Buffalo, N. Y. Poultry feeds. 176,450; Nov. 27; Serial No. 177,336; published Aug. 21, 1923.

Urbana Packing Co., The, Urbana, Ohio. Shoulders, hams, lard, and bacon. 166,666; Apr. 10; Serial No. 165,219; published Jan. 30, 1923.

Usdin, Hyman, doing business as San-It Rubber Company, New York, N. Y. Sanitary belts and shields. 167,042; Apr. 24; Serial No. 170,598; published Jan. 9, 1923.

Usinga Disc Corporation, Brooklyn, N. Y. Metal disks for recording the human voice for reproduction upon phonographic machines. 175,921; Nov. 13; Serial No. 180,251; published Aug. 7, 1923.

Usona Shirt Company, The, New York, N. Y. Men's dress, work, and negligee shirts. 163,638; Jan. 23.

Uswald, Harry, Brooklyn, N. Y. Coats, wraps, capes, and neck pieces. 173,418; Sept. 25; Serial No. 155,280; published June 19, 1923.

Uswald, Harry, Brooklyn, N. Y. Fur coats, wraps, capes, and neck pieces. 173,419; Sept. 25; Serial No. 155,281; published June 19, 1923.

Uswald, Harry, Brooklyn, N. Y. Fur coats, wraps, capes, and neck pieces. 173,973; Oct. 2; Serial No. 155,576; published July 17, 1923.

Utah-Idaho Sugar Company, Salt Lake City, Utah. Sugar. 164,026; Feb. 27.

Utah-Idaho Sugar Company, Salt Lake City, Utah. Sugar. 176,797; Nov. 27.
Utasal Company, The. (See Zucker, Nathan S.)
Utensils Company, The, Fort Wayne, Ind. Laundry ironing machines. 169,529; June 19; Serial No. 165,612; published Mar. 27, 1923.
Utica Uniform Company, Utica, N. Y. Uniforms for letter carriers, police, firemen, etc. 164,751; Feb. 27.
Utility Fittings Company. (See Brunner, Lamar F.)
Utility Rubber Goods Company, The, Cleveland, Ohio. Bathing suits. 163,196; Jan. 2.
Utility Service Association, Chicago, Ill. Toilet-paper cabinets. 172,644; Sept. 11; Serial No. 157,050; published May 29, 1923.
Utz & Dunn Co., Rochester, N. Y. Boots and shoes. 163,825; Jan. 30.
V. Maynburg, Ottmar H., doing business as Laboratorium Leo, Dresden, Germany. Tooth paste and powder, and mouth wash. 169,787; July 3; Serial No. 156,996; published Mar. 27, 1923.
V. Mayenburg, Ottomar H., doing business as Laboratorium Leo, Dresden, Germany. Shaving soap. 171,708; Aug. 14; Serial No. 156,997; published May 1, 1923.
V-W Ventilator Co., Columbus, Ohio. Window ventilators for buildings, ventilators for sash bars, door panels, etc. 167,408; May 1; Serial No. 168,229; published Jan. 23, 1923.
Vacuum Candy Machinery Co., Chicago, Ill. Candy machinery. 169,017; May 29.
Vacuum Groove Piston Ring Corporation, San Francisco, Calif. Piston rings. 167,523; May 1; Serial No. 165,775; published Dec. 26, 1922.
Vacuum Oil Company, New York, N. Y. Lubricating oils. 164,346; Feb. 20.
Vacuum Oil Company, New York, N. Y. Lubricating oil. 176,076; Nov. 13; Serial No. 182,079; published Sept. 4, 1923.
Vail Brothers, Philadelphia, Pa. Pomade for the scalp and hair. 169,809; July 3; Serial No. 165,048; published Mar. 13, 1923.
Vail Brothers, doing business as Keystone Perfume Company, Philadelphia, Pa. Bay rum. 172,593; Sept. 11; Serial No. 168,341; published June 5, 1923.
Vaisberg, Herman, doing business as Nitro-Culture Company, Savannah, Ga. Germ food for plants. 166,974; Apr. 17.
Vajda, Joseph, New York, N. Y. Medicinal liquid for lungs and kidney and for healing wounds and sores. 176,281; Nov. 20; Serial No. 178,886; published Aug. 14, 1923.
Valentino Company. (See Lauber, Benjamin.)
Vales, Alberto, Company, New Orleans, La. Soap. 167,644; May 8; Serial No. 168,591; published Jan. 2, 1923.
Valiquette, Gilles, Montreal, Quebec, Canada. Rubber tire treads. 171,450; Aug. 7; Serial No. 169,339; published May 1, 1923.
Valle, y Ca, M., Inc., New York, N. Y. Cigars. 164,835; Feb. 27
Valley of the Kings Corporation. (See Funke, Edward, assignor.)
Valmont Mfg. Co., Inc., Brooklyn, N. Y. Powder puffs. 177,821; Dec. 25.
Valona Manufacturing Co. (See Wojciechowski, Roman H.)
Van Brunt, W. C., assignor to Empire Hosiery Corporation, New York, N. Y. Hosiery. 169,268; June 12; Serial No. 154,422; published Mar. 6, 1923.
Van Buskirk, Herbert C., doing business as The Van Co., Saugerties, N. Y. Laxative. 167,489; May 1; Serial No. 154,246; published June 27, 1922.
Van Camp Packing Company Inc., The, Indianapolis, Ind. Soap. 175,201; Oct. 30; Serial No. 175,115; published Aug. 7, 1923.
Van Camp Sea Food Company, Los Angeles, Calif. Canned fish. 167,951; May 8.
Van Camp Sea Food Company, Los Angeles, Calif. Canned fish. 169,348; June 12; Serial No. 171,343; published Mar. 27, 1923.
Van Co., The. (See Van Buskirk, Herbert C.)
Vancouver Cedar Mills, Limited, Vancouver, British Columbia, Canada, and Chicago, Ill. Shingles, siding, and finishing lumber. 175,080; Oct. 30; Serial No. 169,515; published Aug. 14, 1923.
Van De Kamp's Holland Dutch Bakers, Los Angeles, Calif. Bakery products. 166,779; Apr. 10.
Vanderbilt, R. T., Company, Inc., New York, N. Y. Chemical compound used as an accelerator in the manufacture of rubber products to hasten the curing of rubber. 173,773; Oct. 2; Serial No. 175,631; published June 26, 1923.
Vanderkoogh, Charles, Plainfield, N. J. Mayonnaise dressing. 171,649; Aug. 7.
Van der Heyden, L., a Hauzeur, Paris, France. Organs, pianos, harps, and parts of such instruments. 177,644; Dec. 25; Serial No. 147,279; published Oct. 9, 1923.
Van Der Vygh, Frans, doing business as Hikecut Company, New York, N. Y. Pocket tool knives. 173,788; Oct. 2; Serial No. 176,343; published June 26, 1923.
Vandewart Company Incorporated, New York, N. Y. Women's scarfs. 164,764; Feb. 27.
Vandewart Company Incorporated, New York, N. Y. Knitted piece goods. 175,034; Oct. 30; Serial No. 178,784; published Aug. 14, 1923.
Van Druff, Leonard E., doing business as Capital City Oil Company, Council Bluffs, Iowa. Fuel, illuminating, and lubricating oils and greases. 168,304; May 15.
Van Dusen, Fred L., doing business as The Ideal Tablet Company, Interlaken, N. Y., and Greensburgh, Pa. Medicinal tablets used in the treatment of liver and bowel trouble. 164,105; Feb. 13.
Van Dyk, James, Co., New York, N. Y. Dairy and food products. 173,554; Sept. 25.
Van Dyk, James, Co., New York, N. Y. Coffee substitute. 177,045; Dec. 11; Serial No. 180,457; published Sept. 25, 1923.
Van Dyk, James Co., New York, N. Y. Dairy and food products. 177,090; Dec. 11; Serial No. 172,623; published Sept. 25, 1923.
Van Dyk and Reeves, Inc., Brooklyn, N. Y. Fresh figs. 164,051; Feb. 13.
Van Dyk and Reeves, Inc., Brooklyn, N. Y. Packed dates, figs, olives and cherries. 167,451; May 1; Serial No. 162,701; published Dec. 12, 1922.
Van Erp, Arnold, Oakland, Calif. Horse-radish and mustard, jellies, jams, etc. 173,322; Sept. 25; Serial No. 173,154; published June 26, 1923.
Van Ess Laboratories, Inc., Chicago, Ill. Massage preparations or tonics for the treatment of the head and scalp. 174,214; Oct. 9; Serial No. 166,487; published May 29, 1923.
Van Etten, Irving L., New York, N. Y. Folding Costumer, automatic folding utility or service table and card tables. 165,156; Mar. 6. Serial No. 152,107; published Nov. 14, 1922.
Van Etten, Irving L., New York, N. Y. Stain, wood finish, and filler. 165,775; Mar. 20; Serial No. 158,907; published Dec. 26, 1922.
Van Fleet-Mansfield Drug Co., Memphis, Tenn. Astringents, expectorants, diarrhea cordial, and liniments. 164,302; Feb. 20.
Van Gelderen, Henrietta, Brooklyn, N. Y. Roach exterminators in powdered form. 165,715; Mar. 20; Serial No. 166,335; published Dec. 5, 1922.
Van Gilder, W. P. (See Van Gilder, William, and S. E. Ward.)
Van Gilder, William P., and S. E. Ward, doing business as W. P. Van Gilder, also as S. E. Ward, Brunswick, Nebr. Hog remedy for mixed infection, swine plague, or flu. 168,620; May 29; Serial No. 167,495; published Feb. 13, 1923.
Van Goodwin, J., doing business as J. V. Goodwin & Co., Charlotte, N. C. Liniment for rheumatism, influenza, coughs, colds, etc. 167,834; May 8; Serial No. 169,634; published Feb. 20, 1923.
Van Harlingen, John C., et al., successors. Renewal. (See Roth, A. P., and Van Harlingen.)
Vanitie Hat Co. (See Land, Julius.)
Vanity Brassiere Company Inc., New York, N. Y. Bandeaux and brassières. 168,077; May 15; Serial No. 156,557; published July 11, 1922.
Vanity Fair Company, Memphis, Tenn. Face cream, face powder, lip pencil, rouge, shampoo, etc. 177,178; Dec. 11; Serial No. 180,991; published Sept. 18, 1923.
Vanity Fair Silk Mills, Reading, Pa. Clothing. 163,197; Jan. 2.
Vanity Fair Silk Mills, Reading, Pa. Underwear consisting of vests, bloomers, knickerbockers, drawers, unionsuits, etc. 166,728; Apr. 10; Serial No. 159,329; published Dec. 12, 1922.
Vanity Fair Silk Mills, Reading, Pa. Petticoats and ladies' and misses' underwear. 168,008; May 8.
Vanity Fair Silk Mills, Reading, Pa. Ladies' silk underwear. 171,198; July 31; Serial No. 147,649; published May 8, 1923.
Vanity Fair Silk Mills, Reading, Pa. Garment composed of a combination brassière and chemise. 171,293; Aug. 7; Serial No. 166,420; published May 1, 1923.
Vanity Fair Silk Mills, Reading, Pa. Vests, bloomers, knickerbockers, drawers, union suits, etc. 175,353; Nov. 6; Serial No. 167,109; published Aug. 14, 1923.
Vanity Fair Silk Mills, Reading, Pa. Veils and silk cloth in the piece. 175,517; Nov. 6; Serial No. 176,583; published Aug. 28, 1923.
Van Leeuwen, William H., jr., Grand Rapids, Mich. Hosiery. 164,597; Feb. 20.
Van Lill Preserving Company, assignor to S. J. Van Lill Co., Baltimore, Md. Preserves, jellies, fruit butters, and mincemeat. 23,254; renewed June 27, 1923.
Van Lopik, Garrit P. Grand Haven, Mich. Women's outer and under skirts, waists, etc. 164,677; Feb. 27.
Van Raalte Company, Inc., New York, N. Y. Women's underwear. 175,598; Nov. 6; Serial No. 179,020; published Aug. 14, 1923.
Van Sands, Walter, doing business as Vantone Company, New York, N. Y. Phonograph-needle holders for sound boxes. 177,755; Dec. 25; Serial No. 178,482; published Oct. 9, 1923.
Van Sands, Walter, doing business as Vantone Company, New York, N. Y. Phonograph-needle holders for sound boxes. 177,757; Dec. 25; Serial No. 178,418; published Oct. 9, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Van Sant, Hiatt and McCutcheon, Oakland, Calif. Confections dispensed in cones. 165,857; Mar. 20; Serial No. 183,565; published Jan. 2, 1923.

Van Sickle Mfg. Co. (See United Paint Manufacturing Co.)

Van Toff, Ernest, doing business as "Saniseal" Manufacturing Company (Non-Incorporated), Chicago, Ill. Medicinal compound as a remedy for and preventive of leucorrhea, etc. 164,447; Feb. 20.

Van Valkenburg, L. D., Company, Holyoke, Mass. Pencil-point protectors with and without clips. 165,552; Mar. 13; Serial No. 152,777; published Dec. 12, 1922.

Vapo-Cresolene Company, The, Stanley, N. J., and New York, N. Y. Certain medical and disinfecting compounds and apparatus. 23,441; renewed Aug. 1, 1923.

Vapolyptus Co. (See Hottel, Frank C.)

Vapor Lubricant Company, Los Angeles, Calif. Device designated to supply lubricating oil into the upper cylinders of gasoline engines. 164,994; Feb. 27.

Vapo Products Company, Inc., Sandpoint, Idaho. Rug and carpet cleaning compound and hand cleanser. 167,900; May 8; Serial No. 169,145; published Jan. 30, 1923.

Vapo Stove Company, The, Lima, Ohio. Oil stoves. 167,564; May 1; Serial No. 167,743; published Jan. 30, 1923.

Vary Knit Co., Inc., Union Hill, N. J., and New York, N. Y. Woven and knitted cotton, wool, etc., piece goods. 173,218; Sept. 18; Serial No. 174,348; published June 12, 1923.

Vary Knit Co., Inc., Union Hill, N. J., and New York, N. Y. Knitted wool and cotton goods in the piece. 174,093; Oct. 2; Serial No. 179,836; published July 3, 1923.

Vaughan and Bushnell Manufacturing Company, Chicago, Ill. Handled hammers, hatchets, axes, adzes, and sledges. 172,023; Aug. 21; Serial No. 170,227; published Feb. 27, 1923.

Vaughan, George E., doing business as Acme Wire Goods Co., Jersey City, N. J. Paper clips. 175,259; Oct. 30.

Vaughn Grocery Company, Winston-Salem, N. C. Coffee. 173,382; Sept. 25; Serial No. 174,948; published July 3, 1923.

Vaughan Mabel E., doing business as Tut Manufacturing Company, Birmingham, Mich. Beverage sold as a soft drink. 175,406; Nov. 6; Serial No. 181,625; published Aug. 28, 1923.

Vaughan-Towle Co., Lynn, Mass. Shoes made wholly or in part of leather. 170,758; July 24; Serial No. 176,300; published Apr. 24, 1923.

Vawter, Edgar S., Monroe, La. Medicine for the treatment of stomach, kidney, and liver diseases, an ointment for the treatment of skin diseases. 168,396; May 22; Serial No. 171,746; published Feb. 20, 1923.

Vedoe-Peterson Company, Quincy, Mass. Reamers and groove cleaners. 168,217; May 15; Serial No. 172,454; published Feb. 27, 1923.

Vegatol Products Company, San Francisco, Calif. Laxative crackers. 172,653; Sept. 11; Serial No. 137,751; published Jan. 30, 1923.

Vellguth, Walter A., San Francisco, Calif. Whipped-cream candy. 168,370; May 22; Serial No. 164,207; published Jan. 16, 1923.

Velones, Dinis, Indianapolis, Ind. Hair tonic. 170,968; July 24.

Velveeta Cheese Company. (See Schaefer, Max O.)

Velvet Action Brake Lining Co., Charlotte, N. C. Brake-band lining for automobiles. 167,521; May 1; Serial No. 165,732; published Dec. 19, 1922.

Velvet Oil Company. (See Cavanaugh, William D.)

Velvet Oil Company, The, Toledo, Ohio. Motor oils. 171,371; Aug. 7; Serial No. 178,684; published May 22, 1923.

Velvet Piston Ring Co., Detroit, Mich. Piston rings. 171,428; Aug. 7; Serial No. 171,824; published May 8, 1923.

Velvetine Manufacturing Company. (See Kamerman, Albert.)

Venesta Limited, London, England. Ply wood, veneer, sawed timber, or cork reenforced with sheet metal cemented to surfaces. 175,157; Oct. 30; Serial No. 180,912; published Aug. 7, 1923.

Venus Packing Co. (See Abbott, Hall & Co.)

Venus Specialty Co. (See Coyne, Edward J.)

Verband der Schweizerischen Stückwaren-Ausrüstanstalten, St. Gall, Switzerland. Cotton fabrics woven and finished in Switzerland. 177,693; Dec. 25; Serial No. 183,612; published Oct. 2, 1923.

Verein für Chemische und Metallurgische Produktion, Aussig, Czechoslovakia. Decolorizing charcoal for use for mineral and vegetable oils. 169,813; July 3; Serial No. 167,372; published Mar. 13, 1923.

Verman, R. S., Chicago, Ill. Medicine for diseases of the blood, etc. 176,927; Dec. 4.

Vermi-Tox Products Co., Holland, Mich. Insecticide. 167,866; May 8; Serial No. 169,104; published Feb. 20, 1923.

Vermont Baking Company, White River Junction, Vt. Bread. 173,539; Sept. 25.

Vermont Creamery Incorporated, Pawtucket, R. I. Butter, eggs, cheese, lard, maple sugar, maple sirup, peanut butter. 170,871; July 24; Serial No. 165,903; published Mar. 27, 1923.

Vermont Maple Syrup Company, Inc., Essex Junction, Vt. Sirup made from cane and maple sugar. 168,655; May 29; Serial No. 166,117; published Mar. 6, 1923.

Verm-O-Spray Products Co., West Haven, Conn. Chemical preparations for the extermination of insects and rodents. 165,807; Mar. 20; Serial No. 167,589; published Jan. 2, 1922.

Vernon's, William, Sons & Co., Philadelphia, Pa. Hosiery. 171,784; Aug. 14; Serial No. 172,788; published May 22, 1923.

Vero Indian River Producers Association, Vero, Fla. Fresh citrous fruits. 171,351; Aug. 7; Serial No. 171,478; published May 8, 1923.

Vertex Hosiery Mills, Inc., Weissport, Pa. Hosiery. 177,250; Dec. 11; Serial No. 183,352; published Sept. 25, 1923.

Vesper Pharmacal Co. (See Deavy, Thomas R.)

Vesta Underwear Company, Providence, R. I. Knitted and textile underwear for men, women, children, and infants. 164,869–70; Feb. 27.

Vesuvius Drug Co., Newark, N. J. Preparation for the treatment of rheumatism. 168,024; May 8.

Vettewinkel, Dirk H., doing business as H. Vettewinkel & Zonen, assignor to Naamlooze Vennootschap Vernis- en Verffabriek voorheen H. Vettewinkel & Zonen, Amsterdam, Netherlands. Varnishes, lacquers, paints, paint removers, etc. 163,198; Jan. 2.

Vettewinkel, H., & Zonen. (See Vettewinkel, Dirk H.)

Vickery & Hill Pub. Co., The, Augusta, Me. Monthly magazine. 175,065; Oct. 30; Serial No. 179,440; published Aug. 7, 1923.

Victor-American Fuel Company, Portland, Me., and Denver, Colo. Coal. 165,905–6; Mar. 20.

Victor-American Fuel Company, Portland, Me., and Denver, Colo. Coal. 167,957; May 8.

Victor-American Fuel Company, The, Portland, Me., and Denver, Colo. Coal. 169,807; July 3; Serial No. 164,472; published Apr. 3, 1923.

Victor-American Fuel Company, The, Portland, Me., and Denver, Colo. Coal. 169,808; July 3; Serial No. 164,476; published Apr. 3, 1923.

Victor Fruit Growers, Inc., Victor, Calif. Fresh grapes. 166,226; Mar. 27; Serial No. 165,046; published Dec. 19, 1922.

Victor Manufacturing Co., Greensburg, Pa. Beverages sold as soft drinks and extracts for making same. 165,736; Mar. 20; Serial No. 169,568; published Dec. 19, 1922.

Victor Oil Company, The, Cleveland, Ohio. Lubricating oils. 166,801; Apr. 17; Serial No. 129,916; published Feb. 14, 1922.

Victor Products Co. (See Hogland, Joseph L.)

Victor Radio Corporation, New York, N. Y. Radio apparatus. 168,431; May 22; Serial No. 172,137; published Feb. 20, 1923.

Victor Remedy Company. (See Payne, Rose E.)

Victor Specialty Company. (See Loewenberg, Victor.)

Victori, Joseph, & Co. Inc., New York, N. Y. Food products. 174,147; Oct. 2.

Victoria Pastry Co., San Francisco, Calif. French pastry and cakes covered with icing, cakes, macaroon tarts. 170,836; July 24; Serial No. 157,457; published Mar. 27, 1923.

Victory Products, Inc., Boston, Mass. Composition roofings. 163,199; Jan. 2.

Victory Products, Inc., Boston, Mass. Ready-mixed coating compositions, paints, and varnishes. 164,304; Feb. 20.

Victory Sparkler & Specialty Co., Elkton, Md. Fireworks—namely, sparklers, wire dips or sun wheels, snakes, etc. 163,923; Feb. 6.

Victory Sparkler & Specialty Co., Elkton, Md. Repeating cap pistols, grasshoppers, and canary songsters. 172,679; Sept. 11; Serial No. 164,527; published Jan. 9, 1923.

Victory V Belt Co., Catasauqua, Pa. Link belts. 169,815; July 3; Serial No. 167,744; published Apr. 10, 1923.

Vignes-Bombet Grocer Co., Inc., Baton Rouge, La. Wheat flour. 176,601; Nov. 27; Serial No. 178,645; published Sept. 18, 1923.

Viking Specialty Company, Worcester, Mass. Screw drivers, wrenches, and wrench sets. 174,960; Oct. 30; Serial No. 160,570; published Aug. 7, 1923.

Vilander, Anna L., New York, N. Y. Petticoat underdrawer. 168,847; May 29; Serial No. 174,949; published Mar. 13, 1923.

Vilas, Royal C., Fowl River, Ala. Citrous fruits and nuts. 176,757; Nov. 27; Serial No. 175,227; published July 31, 1923.

Viller & Prost, Paris, France. Furniture and automobile polish. 169,891; July 3; Serial No. 159,449; published Apr. 3, 1923.

Vincennes Milk & Ice Cream Co., Vincennes, Ind. Chocolate-coated ice-cream bar. 166,249; Mar. 27; Serial No. 163,367; published Dec. 5, 1922.

Vincent, George, New York, N. Y. Tracing paper. 163,485; Jan. 16.

Vincent, Sidney C., Baltimore, Md. Toy alarm clocks or watches. 169,962; July 10; Serial No. 174,804; published Apr. 10, 1923.
Vinco Herb Company. (See Clegg, Sherman D.)
Vineyardi Co., Baltimore, Md. Medicinal preparation used for laxative, cathartic, and aperient purposes. 165,806; Mar. 20; Serial No. 172,245; published Dec. 26, 1922.
Vinikow, Joseph, doing business as Parisian Chocolate Company, Seattle, Wash. Candies. 164,575; Feb. 20.
Vinkemulder, Henry J., doing business as The Vinkemulder Co., Grand Rapids, Mich. Bananas. 176,108; Nov. 20; Serial No. 160,168; published Aug. 21, 1923.
Vino-Sano Co. (See Offer, Karl.)
Vin-Sok Food Products Corporation, San Francisco, Calif. Processed dried fruits. 168,693; May 29; Serial No. 169,792; published Mar. 6, 1923.
Viquesney, Ernest M., Spencer, Ind. Images, bric-a-brac, statuary, etc. 174,766; Oct. 23; Serial No. 170,228; published July 17, 1923.
Virden Packing Company, Oakland, Calif. Canned fruits. 163,410; Jan. 9.
Virden Packing Company, Oakland, Calif. Canned fruits and vegetables. 164,286; Feb. 20.
Virden Packing Company, Oakland, Calif. Canned fruits. 167,993; May 8.
Virden Packing Company, South San Francisco and Oakland, Calif. Cooked corn beef. 166,342; Apr. 3; Serial No. 161,161; published Jan. 9, 1923.
Virden Packing Company, South San Francisco, Calif. Canned fruits, olives, fruit jams. 169,140; June 12; Serial No. 155,716; published Mar. 27, 1923.
Virden Packing Company, San Francisco, Calif. Canned fruits. 170,423; July 17; Serial No. 172,068; published Apr. 10, 1923.
Virden Packing Company, San Francisco, Calif. Smoked meats. 170,709; July 24; Serial No. 142,184; published May 8, 1923.
Virden Packing Company, San Francisco, Calif. Canned and bottled fruits, jams, jellies, and olives. 171,126; July 31; Serial No. 175,581; published May 15, 1923.
Virden Packing Company, San Francisco, Calif. Canned tomatoes. 173,497; Sept. 25; Serial No. 175,633; published June 19, 1923.
Virginia Blue Gem Coal Corporation, Pennington Gap and North Fork, Va. Steam and domestic coal. 170,637; July 17; Serial No. 175,691; published Apr. 24, 1923.
Virginia Cotton Mills, Swepsonville, N. C. Cotton goods in the piece. 165,895–8; Mar. 20.
Virginia Cotton Mills, Swepsonville, N. C. Cotton goods in the piece. 169,457; June 19; Serial No. 175,043; published Mar. 20, 1923.
Virginia Woodworking Co., Inc., Bristol, Va. Construction material, millwork, maufactured lumber. 166,736; Apr. 10.
Visco Chemical Products Company, The, Cleveland, Ohio. Polish for furniture, pianos, autos, etc. 176,416; Nov. 27; Serial No. 180,568; published Sept. 11, 1923.
Viscose Company, The, Marcus Hook, Pa. Artificial-silk yarns and threads. 177,773; Dec. 25; Serial No. 184,197; published Oct. 2, 1923.
Vislok Limited, London, England. Nuts and bolts. 166,814; Apr. 17; Serial No. 167,438; published Jan. 16, 1923.
Vi-Tabs Co. (See Donnelly, Julia.)
Vit Candy Co. Inc., Brooklyn, N. Y. Candies. 166,071; Mar. 27; Serial No. 159,639; published Aug. 8, 1922.
Vita-Coca Bottling Company. (See Demoville, James L.)
Vita Food Company, Salt Lake City, Utah. Medicated food for convalescents and invalids. 166,925; Apr 17; Serial No. 137,549; published Dec. 12, 1922.
Vita Food Company, The, Chicago, Ill. Maltless chocolate cereal beverages. 174,848; Oct. 23; Serial No. 177,529; published July 31, 1923.
Vita-Grain Mfg. Co. (See Beshere, Joseph J.)
Vita Mineral Products Company, Peoria, Ill. Mineral stock food. 177,764; Dec. 25; Serial No. 177,337; published Oct. 2, 1923.
Vita Products Company. (See Ely, Mark C.)
Vita Rice Products Co., Glenn County, Calif. Preparation made from rice in powdered and liquid form. 169,043; June 5; Serial No. 155,718; published Dec. 19, 1922.
Vita Rice Products Co., Willows, Glenn County, Calif. Preparation made from rice. 172,945; Sept. 11; Serial No. 155,841; published May 1, 1923.
Vita-Sulphur Company, Chicago, Ill. Medicinal preparation for rheumatism, neuritis, sciatica, gout, etc. 174,047; Oct. 2; Serial No. 177,639; published July 10, 1923.
Vitalis Products, Incorporated, Los Angeles, Calif. Batteries. 170,133; July 10; Serial No. 159,735; published June 13, 1922.
Vitality Publishing Company. (See Whitehouse, George F.)
Vitamin Food Co. Inc., New York, N. Y. Edible vitamine made from fruits, cereals, and nuts. 164,974; Feb. 27.
Vitamine Products Company, The, St. Louis, Mo. Food tonics. 164,120–1; Feb. 13.
Vitimine Malted Milk Co., Frankfort, Ind. Instantaneous chocolate preparation combined with malted milk for making a chocolate malted milk soft drink. 166,330; Mar. 27.
Vitrefrax Company, Inc., The, Los Angeles, Calif. Refractory lining, bricks, cements, and furnace bottom grains, etc. 171,363; Aug. 7; Serial No. 170,417; published May 8, 1923.
Vitrefrax Company, Inc., The, Los Angeles, Calif. Refractory lining, mastic fire walls, cements, etc. 171,364–5; Aug. 7; Serial Nos. 170,414–15; published May 8, 1923.
Vitrefrax Company, Inc., The, Los Angeles, Calif. Refractory linings for forges, smelters, etc., refractory cements, etc. 174,664; Oct. 23; Serial No. 170,416; published July 17, 1923.
Vitreous Steel Products Company, Cleveland, Ohio. Enameled metal table tops. 167,313; Apr. 24.
Vitrifyx Company, The, Chicago, Ill. Floor preservatives in the nature of a filler or paint. 164,655–6; Feb. 27.
Vitro Manufacturing Company, The, Pittsburgh, Pa. Ready-prepared ceramic glazes and enamels. 169,820; July 3; Serial No. 168,625; published Apr. 3, 1923.
Vitro Manufacturing Company, The, Pittsburgh, Pa. Oxides of cobalt, chromium, selenium, etc. 172,975; Sept. 11; Serial No. 176,234; published June 12, 1923.
Vittucci, John, Company, Seattle, Wash. Olive oil. 173,588; Sept. 25.
Vivaudou, V., Inc., New York, N. Y. Rouge and face powder. 163,200; Jan. 2.
Vivaudou, V., Inc., New York, N. Y. Face powders and rouges. 163,544; Jan. 16.
Vivaudou, V., Inc., New York, N. Y. Rouge and face powder in compact form. 167,550; May 1; Serial No. 170,229; published Jan. 30, 1923.
Vivaudou, V., Inc., New York, N. Y. Writing paper, envelopes, bristol or card board suitable for visiting cards. 168,715; May 29; Serial No. 161,660; published Mar. 13, 1923.
Vivaudou, V., Inc., New York, N. Y. Face powders and creams, perfumes, etc. 172,716–17; Sept. 11; Serial Nos. 175,284–5; published May 22, 1923.
Vixen, Inc., Newark, N. J. Hosiery. 166,707; Apr. 10; Serial No. 167,061; published Jan. 9, 1923.
Vocaleze Company, The. (See Bailhe, George.)
Vocaltone-Pianotina Co., Chicago, Ill. Phonographs. 167,322; Apr. 24.
Voegele & Dinning Co. Incorporated, Lynchburg, Va. Candies. 163,411; Jan. 9.
Voge, A. Law, doing business as Egoval Chemical Co., New York, N. Y. Extract to be used in the preparation of soft drinks. 168,949; May 29; Serial No. 172,405; published Mar. 13, 1923.
Voge, A. Law, doing business as Egoval Chemical Co., New York, N. Y. Extract to be used in the preparation of soft drinks. 169,181; June 12; Serial No. 172,406; published Mar. 27, 1923.
Vogel, Morton J., New York, N. Y. Ladies' and children's hand bags, purses, and pocketbooks. 176,384; Nov. 27; Serial No. 177,153; published Sept. 11, 1923.
Vogt Brothers Mfg. Co., Louisville, Ky. Pumps used in handling acids, feeding boilers, etc. 163,788; Jan. 30.
Vogt Brothers Mfg. Co., Louisville, Ky. Refrigerating machinery and refrigerators. 172,038; Aug. 21; Serial No. 160,218; published May 22, 1923.
Vogt, F. G., & Sons, Inc., Philadelphia, Pa. Lard. 175,790–1; Nov. 13; Serial Nos. 179,756–7; published Sept. 4, 1923.
Vogt, Henry, Machine Co., Louisville, Ky. Drop-forged steel valves and fittings. 168,898; May 29; Serial No. 167,590; published Mar. 13, 1923.
Vogue, The. (See Burgower, L. H.)
Vogue Weaving Co. Inc., New York, N. Y. Silk and cotton ribbons. 177,791; Dec. 25.
Voigtländer & Sohn Aktiengesellschaft, Brunswick, Germany. Single and double telescopes and binoculars, photographic lenses and cameras. 172,524; Sept. 4; Serial No. 173,613; published May 29, 1923.
Volland, P. F., Co., Chicago, Ill. Fabric toy dogs adapted to be stuffed. 177,311; Dec. 18; Serial No. 167,342; published Oct. 2, 1923.
Vollman, Lawrence Co., The, Cincinnati, Ohio. Women's leather shoes. 163,261; Jan. 2.
Voluma Corporation, The, Baltimore, Md. Talking machines, reproducers, recorders, and needles for talking machines, and parts thereof. 174,340; Oct. 16; Serial No. 155,328; published June 19, 1923.
Von der Heyde & John. (See John, Hermann A.)
Von Gal, J. K., Hat Company, Danbury, Conn. Hats. 169,413; June 12.
Von Schuetz, Samuel F., doing business as North American Honey Distributors, Council Bluffs, Iowa. Honey and beeswax. 163,412; Jan. 9.
Voorhees Rubber Mfg. Co., Jersey City, N. J. Hose, belting, and packing made of rubber, etc. 170,255; July 10; Serial No. 171,003; published Apr. 3, 1923.
Voorhees Rubber Mfg. Co., Jersey City, N. J. Rubber hose. 174,729; Oct. 23; Serial No. 160,731; published July 31, 1923.
Vorgias, Louis, Chicago, Ill. Shoe polish, dressings, and cleaners. 175,881; Nov. 13; Serial No. 180,348; published Aug. 21, 1923.
Vortex Mfg. Co., The, Chicago, Ill. Metal holders for paper dishes and dispensing receptacles for paper dishes. 174,234; Oct. 9; Serial No. 180,311; published July 3, 1923.

Vos. Arthur, New York, N. Y. Paper weights and desk ornaments. 174,603; Oct. 23; Serial No. 177,530; published July 24, 1923.

Voss & Stern, New York, N. Y. Cotton piece goods. 171,481; Aug. 7; Serial No. 177,939; published May 15, 1923.

Voss & Stern, New York, N. Y. Cotton and silk mixture piece goods. 172,622; Sept. 11; Serial No. 160,315; published June 5, 1923.

Voss & Stern, New York, N. Y. Cotton and silk mixture piece goods. 172,623; Sept. 11; Serial No. 160,313; published June 5, 1923.

Voss & Stern, New York, N. Y. Cotton piece goods. 172,941; Sept. 11; Serial No. 160,323; published June 19, 1923.

Voss & Stern, New York, N. Y. Cotton and silk mixture piece goods. 173,247; Sept. 18; Serial No. 160,328; published June 19, 1923.

Voss & Stern, New York, N. Y. Silk piece goods. 173,248; Sept. 18; Serial No. 160,325; published June 19, 1923.

Voss & Stern, New York, N. Y. Cotton piece goods. 173,249; Sept. 18; Serial No. 160,316; published June 12, 1923.

Voss & Stern, New York, N. Y. Cotton piece goods containing silk stripe. 173,355; Sept. 25; Serial No. 160,318; published June 26, 1923.

Voss & Stern, New York, N. Y. Cotton piece goods. 173,356; Sept. 25; Serial No. 160,312; published June 26, 1923.

Voss & Stern, New York, N. Y. Silk chiffon cloth. 177,766; Dec. 25; Serial No. 184,372; published Oct. 2, 1923.

Vul Ko Cene Co., The, Kent, Ohio. Chemical composition to assist in vulcanizing rubber. 168,808; May 29; Serial No. 169,940; published Feb. 13, 1923.

Vulcan Crucible Steel Co., Aliquippa, Pa. Tool steel. 166,797; Apr. 17; Serial No. 152,292; published Jan. 9, 1923.

Vulcan Manufacturing Company, Kansas City, Mo. Clothes-washing machines. 170,343; July 10.

Vulcan Proofing Company, Brooklyn, N. Y. Offset blankets, rubber sheetings, sheet rubber, etc. 175,090; Oct. 30; Serial No. 180,156; published Aug. 14, 1923.

W & L Baking Company, Jackson, Mich. Prepared doughnut mixture. 171,022; July 31; Serial No. 167,960; published Mar. 20, 1923.

W. S. D. Underwear Co. Inc., New York, N. Y. Brassières. 176,218; Nov. 20; Serial No. 178,586; published Aug. 28, 1923.

W. V-B. Ames Company, The, Freemont, Ohio. Dental cement. 169,863; July 3; Serial No. 175,696; published Apr. 3, 1923.

Wabash Cabinet Co., The, Wabash, Ind. Blank index guides, record cards, card alphabets, and folders. 166,982; Apr. 17.

Wabasha Roller Mill Company, Wabasha, Minn. Wheat flour. 170,806; July 24; Serial No. 169,793; published Feb. 27, 1923.

Wabasha Roller Mill Company, Wabasha, Minn. Wheat flour. 172,476; Aug. 28; Serial No. 172,918; published May 8, 1923.

Wadhams Oil Company, Milwaukee, Wis. Lubricating oils. 170,684; July 17.

Wadley Company, The, Indianapolis and Terre Haute, Ind. Butter. 167,135; Apr. 24; Serial No. 157,243; published Dec. 26, 1922.

Wadsworth, Howland & Company, Incorporated, Boston, Mass. Tinted leads. 23,110; renewed May 30, 1923.

Waelchli, N. L., Denver, Colo. Pharmaceutical preparations used as an inhalant for use in cases of tuberculosis. 171,340; Aug. 7; Serial No. 172,852; published Apr. 24, 1923.

Wagemans & Son, Bridgeport, Conn. Cigars. 164,266; Feb. 13.

Wager Manufacturing Company, The. (See Wager, Robert H.)

Wager Manufacturing Corporation, Jersey City, N. J. Mechanical shaving lather-forming devices. 177,598; Dec. 18.

Wager, Robert H., assignor to The Wager Manufacturing Corporation, Jersey City, N. J. Shaving-lather-forming devices. 168,193; May 15; Serial No. 168,815; published Feb. 13, 1923.

Wagner, Augusta A., successor. (See Wagner, Robert H.)

Wagner, Edward C., & Son, Chicago, Ill. Pop-corn confection. 169,160; June 12; Serial No. 165,650; published Mar. 27, 1923.

Wagner, G. M. H., & Sons, Chicago, Ill. Fresh cantaloupes and apples. 166,900; Apr. 17; Serial No. 164,791; published Feb. 6, 1923.

Wagner, G. M. H., & Sons, Chicago, Ill. Fresh cantaloupes and pears. 167,117; Apr. 24; Serial No. 164,790; published Feb. 6, 1923.

Wagner Pastry Company, The, Newark, N. J. Pies. 165,380; Mar. 6; Serial No. 159,911; published Dec. 5, 1922.

Wagner Research Society, Cincinnati, Ohio. Carburetors. 166,842; Apr. 17; Serial No. 168,909; published Jan. 23, 1923.

Wagner, Robert H., assignor to A. A. Wagner, successor, Rye, N. Y. Liniment. 23,562; renewed Aug. 29, 1923.

Wahl Company, The, Chicago, Ill. Leads for mechanical pencils. 165,419; Mar. 6; Serial No. 152,820; published Oct. 31, 1922.

Wahl Company, The, Chicago, Ill. Leads and lead containers. 177,640; Dec. 25; Serial No. 145,483; published Oct. 9, 1923.

Wahoo Novelty Works, Wahoo, Nebr. Toy dogs. 176,246; Nov. 20; Serial No. 182,843; published Sept. 11, 1923.

Wailes, Dove & Co., Wailes Dove Bitumastic Ltd., Newcastle-on-Tyne, England, successors. Paints and compositions for protecting iron structures from corrosion. 23,817; renewed Nov. 14, 1923.

Wailes Dove-Hermiston Corporation, New York, N. Y. Paint to resurface cement floors. 165,818; Mar. 20; Serial No. 165,839; published Dec. 26, 1922.

Wakem, Harold R., doing business as Harold R. Wakem & Co., Chicago, Ill. Radio receiving and radio transmitting sets and the various parts thereof and radio head phones. 175,799; Nov. 13; Serial No. 179,567; published Aug. 21, 1923.

Waldemeyer, Francis J., New York, N. Y., assignor to Art Industries, Inc. Molded objects made from compositions containing sulphur. 166,444; Apr. 3; Serial No. 166,543; published Jan. 9, 1923.

Walden-Worcester Inc., Worcester, Mass. Socket wrenches. 169,057; June 5; Serial No. 171,344; published Mar. 6, 1923.

Waldo, E. M. and F., New York, N. Y. Paints. 171,456; Aug. 7; Serial No. 168,503; published May 8, 1923.

Waldow, Benjamin, doing business as South Side Drug Co., Buffalo, N. Y. Tablets and capsules for headaches, etc. 169,745; June 26.

Walk-Straight Club, The. (See Haight, Louis P.)

Walker, A. R., Candy Corporation, Muskegon, Mich. Packages of chocolates in various sizes. 163,413; Jan. 9.

Walker, A. R., Candy Corp., Muskegon, Mich. Candy. 164,303; Feb. 20.

Walker, A. R., Candy Corporation, Muskegon, Mich. Candy. 177,201; Dec. 11; Serial No. 179,074; published Sept. 25, 1923.

Walker Bros. Co., Boston, Mass. Nonalcoholic, maltless flavoring sirups for soft drinks. 168,936; May 29; Serial No. 173,262; published Mar. 13, 1923.

Walker Bros. Co., Boston, Mass. Medicinal preparations for cramps, diarrhea, and colds. 169,680; June 26; Serial No. 173,263; published Mar. 27, 1923.

Walker Bros. Co., assignor to Za-Rex Food Products Inc., Boston, Mass. Sirups and extracts for flavoring foods. 173,845; Oct. 2; Serial No. 173,261; published July 3, 1923.

Walker, Cyrus M., Kansas City, Mo. Men's textile-fabric union-suit underwear. 176,761; Nov. 27; Serial No. 175,446; published Sept. 11, 1923.

Walker, Edward C., 3d, Batavia, N. Y. Garbage cans. 176,814; Nov. 27.

Walker, Fred, & Co. Proprietary Limited, Melbourne, Victoria, Australia. Meat extracts. 166,873; Apr. 17; Serial No. 162,087; published Feb. 6, 1923.

Walker-Gordon Laboratory Co., Boston, Mass. Pure milk for nursery and sick-room use. 23,043; renewed May 16, 1923.

Walker, J. C., & Bros., Exmore, Va. Oysters canned or in the shell. 175,396; Nov. 6; Serial No. 155,848; published Mar. 27, 1923.

Walker, John D., Lexington, Ky., assignor to John D. Moore Tobacco Company, Louisville, Ky. Twist tobacco. 22,425; renewed Feb. 7, 1923.

Walker, Madam C. J., Mfg. Co., The, Indianapolis, Ind. Hair salve. 173,199; Sept. 18; Serial No. 173,017; published June 19, 1923.

Walker-Matteson Company, Joliet, Ill. Canned goods, mustard, oatmeal, etc. 175,723; Nov. 6.

Walker Publishing Co., Aurora and Marionville, Mo. Name or title of a weekly newspaper. 169,442; June 19; Serial No. 173,159; published Mar. 20, 1923.

Walker Stetson Company, Boston, Mass. Bias tape. 163,639; Jan. 23.

Walker Stetson Company, Boston, Mass. Men's, women's, and children's knit and nainsook underwear. 166,692; Apr. 10; Serial No. 166,421; published Jan. 9, 1923.

Walker Stetson Company, Boston, Mass. Underwear and gloves. 170,332; July 10.

Walker, W. & H., Inc., doing business as Thomas Chemical Co., Pittsburgh, Pa. Alcohol rubbing and bathing preparation. 168,621; May 29; Serial No. 167,500; published Feb. 13, 1923.

Walker Webbing Co., Providence, R. I. Shoe, etc., lacings, galloons, braids, webbings, beltings, tapes, and hairpins. 170,587; July 17; Serial No. 156,125; published Apr. 24, 1923.

Walker Webbing Co., Providence, R. I. Hair nets. 174,974; Oct. 30; Serial No. 155,725; published Aug. 7, 1923.

Wall-Kane Needle Mfg. Co. Inc., Brooklyn, N. Y. Phonograph needles. 171,271; July 31.

Wall, King H., Goldsboro, N. C. Bluing compound and a liquid bluing. 170,422; July 17; Serial No. 172,697; published Apr. 10, 1923.

Wall Paper Manufacturers, Limited, The, London, England. Dry, ready-mixed, and paste paints. 173,182; Sept. 18; Serial No. 169,381; published June 19, 1923.

Walla Walla Hothouse Vegetable Co. (See Mojonnier, Frederick E.)

Walla Walla Valley Prune Growers Co-Operative Association, Freewater, Oreg. Fresh boxed Italian prunes. 171,455; Aug. 7; Serial No. 168,697; published May 8, 1923.

Wallace, Arthur, Boston, Mass. Boots, shoes, slippers. 176,942; Dec. 4.

Wallace, Charles J., doing business as C. J. Wallace and Co., assignor to C. J. Wallace Co., Inc., Duluth, Minn. Hand lotion, toilet water, face and talcum powder, etc. 168,207; May 15; Serial No. 158,203; published Feb. 13, 1923.

Wallace & Co., New York, Wallace & Co., Brooklyn, N. Y., successors. Confectionery. 23,075; renewed May 23, 1923.

Wallace & Co., Brooklyn, N. Y. Chocolates and candies. 168,021; May 8.

Wallace & Co., Brooklyn, N. Y. Chocolates and candies. 171,753; Aug. 14; Serial No. 163,489; published Jan. 9, 1923.

Wallach Bros., New York, N. Y. Shirts, collars, underwear, shoes, etc. 176,493; Nov. 27; Serial No. 169,569; published Sept. 18, 1923.

Wallach, David, doing business as Union Hosiery Company, New York, N. Y. Hosiery. 174,036; Oct. 2; Serial No. 176,772; published June 19, 1923.

Wallach, Hoexter & Co., New York, N. Y. Outer garments—to wit, suits and overcoats for men, and suits and skirts and coats for women. 166,648; Apr. 10; Serial No. 161,219; published Dec. 12, 1922.

Wallach & Mayer, Inc., New York, N. Y. Hosiery. 168,175; May 15; Serial No. 168,442; published Jan. 30, 1923.

Wallau, Alex. L., New York, N. Y. Knitted wear. 173,197–8; Sept. 18; Serial Nos. 173,018–19; published June 19, 1923.

Wallcraft Shirt Co. Inc., New Haven, Conn. Dress, negligee, and work shirts. 175,739; Nov. 13; Serial No. 178,646; published Aug. 28, 1923.

Waller, L. D., Seed Co., The, Guadalupe, Calif. Garden and flower seeds. 171,464; Aug. 7; Serial No. 167,542; published May 1, 1923.

Wallenstein Industrial Corp., New York, N. Y. Elastic knitted goods in the piece. 175,664; Nov. 6; Serial No. 182,489; published Aug. 21, 1923.

Wallin Mfg. Co., St. Paul, Minn. Shoe-shining brushes. 168,254; May 15; Serial No. 172,306; published Feb. 27, 1923.

Walkill Hat Works Inc., New York, N. Y. Men's soft and stiff felt hats and straw hats. 171,695; Aug. 7.

Walnott Knitting Company, Utica, N. Y. Knitted garments—namely, underwear, coats, sweaters, and bathing suits. 163,910; Feb. 6.

Walnott Knitting Company, Utica, N. Y. Infants' wrappers. 172,599; Sept. 11; Serial No. 171,049; published June 5, 1923.

Walnut Growers Spray Manufacturing Company, Los Angeles, Calif. Insecticide. 165,511; Mar. 13; Serial No. 164,742; published Nov. 28, 1922.

Walnut Growers Spray Manufacturing Company, Vernon, Calif. Charcoal to be used in connection with stock and poultry feed. 167,690; May 8; Serial No. 159,825; published Feb. 6, 1923.

Walnut Growers Spray Manufacturing Company, Los Angeles, Calif. Insecticide. 172,751; Sept. 11; Serial No. 165,435; published May 22, 1923.

Walnut Growers Spray Manufacturing Company, Los Angeles, Calif. Insecticide. 177,704; Dec. 25; Serial No. 165,434; published Oct. 9, 1923.

Walrath & Co., Syracuse, N. Y., successor to S. M. Walrath. Teas and coffee. 23,694; renewed Oct. 10, 1924.

Walter, John H., Brooklyn, N. Y. Masticatories—namely, chewing gum and candies. 171,303; Aug. 7; Serial No. 164,738; published May 15, 1923.

Walter Reed General Hospital, Washington, D. C. Weekly periodical. 170,272; July 10; Serial No. 174,189; published Apr. 17, 1923.

Walters, R. S., Co. (See Walters, Russell S.)

Walters, Russell S., doing business as R. S. Walters Co., Clinton, Iowa. Candy. 166,433; Apr. 3; Serial No. 164,140; published Jan. 16, 1923.

Waltham Watch Company. (See American Waltham Watch Co., assignor.)

Walther, Bernard, Sturgeon Bay, Wis. Salve. 171,948; Aug. 14.

Walther Manufacturing Co., Philadelphia, Pa. Worsted, woolen, and cotton, etc., piece goods. 173,310; Sept. 18; Serial No. 179,177; published June 12, 1923.

Walther Manufacturing Co., Philadelphia, Pa. Worsted, woolen, worsted and cotton, etc., piece goods. 173,362; Sept. 25; Serial No. 179,902; published July 3, 1923.

Walther Manufacturing Co., Philadelphia, Pa. Worsted, woolen, worsted and cotton, etc., piece goods. 173,368; Sept. 25; Serial No. 179,569; published July 3, 1923.

Walther Manufacturing Co., Philadelphia, Pa. Worsted, woolen, and worsted and cotton, etc., piece goods. 179,176–7; June 12.

Walton, Charles & Son, Needham Heights, Mass. Seamless elastic hosiery for sprains, varicose veins, etc. 166,482; Apr. 3; Serial No. 170,554; published Jan. 9, 1923.

Walton Milling Company, Lansing, Mich. Breakfast cereals. 177,128; Dec. 11; Serial No. 142,369; published Sept. 25, 1923.

Walton, Octavia. (See Goodbar, Octavia W.)

Walworth Manufacturing Company, Boston, Mass. Asbestos-rubber sheet packing. 168,653; May 29; Serial No. 165,844; published Feb. 13, 1923.

Wampole, Henry K., & Co., assignor to Henry K. Wampole and Company, Incorporated, Philadelphia, Pa. Suppositories for diseases of the bowels and rectum. 22,370; renewed Jan. 24, 1923.

Wampole, Henry K., & Co., Limited, Perth, Ontario, Canada. Liquid intestinal lubricant or laxative. 164,172; Feb. 13.

Wampole, Henry K., and Company Incorporated. Laxatives. 167,735; May 8; Serial No. 168,659; published Jan. 2, 1923.

Wampole, Henry K., and Company, Incorporated, Philadelphia, Pa. Hypnotic medicines. 172,728; Sept. 11; Serial No. 174,547; published May 22, 1923.

Wampole, Henry S., Company, The, Baltimore, Md. General tonics, reconstructive and tissue building tonics, blood purifiers, etc. 166,080; Mar. 27; Serial No. 158,965; published Nov. 28, 1922.

Wamsutta Mills, New Bedford, Mass. Cotton piece goods, pillowcases, and sheets. 164,852; Feb. 27.

Wanamaker, Firm of John, assignor to John Wanamaker Philadelphia, Philadelphia, Pa. Sewing machines and attachments. 23,926; renewed Dec. 12, 1923.

Wanamaker, John, New York, New York, N. Y. Ladies', misses', and children's dresses. 163,640–1; Jan. 23.

Wanamaker, John, New York, New York, N. Y. Perfumes, sachets, and toilet waters. 164,126; Feb. 13.

Wanamaker, John, New York, N. Y. Candies. 165,863; Mar. 20; Serial No. 153,275; published Dec. 26, 1922.

Wanamaker, John, New York, New York, N. Y. Golf balls. 167,036; Apr. 24; Serial No. 170,915; published Jan. 16, 1923.

Wanamaker, John, New York, New York, N. Y. Men's leather gloves. 170,438–9; July 17; Serial Nos. 171,601–2; published Apr. 10, 1923.

Wanamaker, John, Philadelphia. (See Twaddell, John P., assignor.)

Wandel, W., Mfg. Co., Inc., New Orleans, La. Rust remover and preventive. 176,986; Dec. 11; Serial No. 179,573; published Sept. 11, 1923.

Wander Company, The, Chicago, Ill. Antiobesity tablets. 166,964; Apr. 17.

Wanderly, Marguerite A., Buffalo, N. Y. Salve or balm for an ointment of the feet. 165,479; Mar. 13; Serial No. 168,479; Mar. 13; Serial No. 168,085; published Dec. 12, 1922.

Wanklyn, Frederic L., Montreal, Quebec, Canada. Railway signal fusees. 175,506; Nov. 6; Serial No. 178,785; published Aug. 28, 1923.

Ward and Pierre. (See Beebe Laboratories, Incorporated.)

Ward Baking Company, New York, N. Y. Bread. 163,414; Jan. 9.

Ward Baking Company, New York, N. Y. Cakes. 163,642; Jan. 23.

Ward Baking Company, New York, N. Y. Cereal breakfast foods. 166,920; Apr. 17; Serial No. 164,353; published Jan. 30, 1923.

Ward Baking Company, New York, N. Y. Bread. 166,921; Apr. 17; Serial No. 161,662; published Dec. 12, 1922.

Ward Baking Company, New York, N. Y. Yeast, yeast food of mineral salts and flour, malt extract, etc. 167,051; Apr. 24; Serial No. 161,661; published Jan. 30, 1923.

Ward Baking Company, New York, N. Y. Bread, cake, wheat, corn, and rye flour, and yeast. 167,087; Apr. 24; Serial No. 148,637; published Dec. 19, 1922.

Ward Baking Company, New York, N. Y. Bread. 167,381; May 1; Serial No. 166,159; published Jan. 9, 1923.

Ward Baking Company, New York, N. Y. Bread. 170,794; July 24; Serial No. 169,794; published Feb. 27, 1923.

Ward Baking Company, New York, N. Y. Bread. 170,799; July 24; Serial No. 169,382; published Feb. 27, 1923.

Ward Baking Company, New York, N. Y. Bread, cakes, and cereal brakfast foods. 170,800; July 24; Serial No. 169,383; published Mar. 27, 1923.

Ward Baking Company, New York, N. Y. Bread. 170,801; July 24; Serial No. 169,384; published Mar. 27, 1923.

Ward Baking Company, New York, N. Y. Sugar product used as an ingredient in the manufacture of bread, cakes, etc. 170,816; July 24; Serial No. 170,960; published Mar. 13, 1923.

Ward Baking Company, New York, N. Y. Cakes. 170,894; July 24; Serial No. 171,437; published Mar. 13, 1923.

Ward Baking Company, New York, N. Y. Bread. 170,895; July 24; Serial No. 171,435; published Mar. 13, 1923.

Ward Baking Company, New York, N. Y. Sugar product. 170,900; July 24; Serial No. 170,961; published Mar. 13, 1923.

Ward Baking Company, New York, N. Y. Bread. 170,938; July 24; Serial No. 169,385; published Feb. 27, 1923.

Ward Baking Company, New York, N. Y. Bread. 171,015; July 31; Serial No. 169,386; published Apr. 3, 1923.
Ward Baking Company, New York, N. Y. Bread. 171,016; July 31; Serial No. 169,387; published Mar. 27, 1923.
Ward Baking Company, New York, N. Y. Bread. 171,028; July 31; Serial No. 168,699; published Apr. 3, 1923.
Ward Baking Company, New York, N. Y. Bread. 172,442; Aug. 28; Serial No. 171,436; published May 1, 1923.
Ward Baking Company, New York, N. Y. Cake. 176,368; Nov. 20.
Ward Baking Company, New York, N. Y. Bread. 176,492; Nov. 27; Serial No. 170,512; published Aug. 21, 1923.
Ward Baking Company, New York, N. Y. Bread, rolls, biscuits, cakes, etc. 176,852; Dec. 4; Serial No. 175,374; published Sept. 4, 1923.
Ward Baking Company, New York, N. Y. Bread, cake, and a vitamine-containing product. 177,061; Dec. 11; Serial No. 168,183; published Aug. 21, 1923.
Ward Baking Company, New York, N. Y. Bread. 177,502; Dec. 18; Serial No. 182,322; published Oct. 2, 1923.
Ward Baking Company, New York, N. Y. Bread. 177,610–11; Dec. 25; Serial Nos. 182,687–8; published Oct. 2, 1923.
Ward, Eldridge H., doing business as Ward's Fudge Shop, Fort Worth, Tex. Candies. 168,514; May 22.
Ward, S. E. (See Van Gilder, William P., and S. E. Ward.)
Ward, Samuel, Manufacturing Co., Boston, Mass. Writing paper and envelopes. 168,604; May 29; Serial No. 168,567; published Dec. 12, 1922.
Wenatchee Okanogan Warehousing Co., Pateros, Wash. Fresh apples. 163,415; Jan. 9.
Warden, Paul S., Chicago, Ill. Daily market bulletin. 167,422; May 1; Serial No. 170,104; published Jan. 2, 1923.
Wardwell, Edward H., New York, N. Y. Shell. 174,369; Oct. 16; Serial No. 175,331; published July 17, 1923.
Ware, James A., doing business as Ware Paint Company, Atlanta, Ga. Elastic paints for metal and composition roofs. 163,455; Jan. 9.
Ware Paint Company. (See Ware, James W.)
Ware, Walter F., Company, The, Philadelphia, Pa. Suspensory bandages. 163,767; Jan. 23.
Waring, Lewis E., et al., executors. (See Estate of Charles J. Fisk.)
Wark Advertising Systems Company, The, Columbus, Ohio. Signs for mechanical advertising purposes. 165,307; Mar. 6; Serial No. 162,155; published Dec. 5, 1922.
Warland, Henry G., New York, N. Y. Piece goods made of combination of silk and ramie. 168,762; May 29; Serial No. 173,060; published Mar. 6, 1923.
Warland, Henry G., New York, N. Y. Men's and women's sport clothes. 172,211; Aug. 28; Serial No. 173,457; published May 29, 1923.
Warmbirds, Inc., New York, N. Y. Woolens and worsteds in the piece. 173,730; Oct. 2; Serial No. 180,312; published July 10, 1923.
Warne, William, and Company, Limited, London, England. Catheters, esophagus tubes, rectal tubes, and cup funnels. 168,228; May 15; Serial No. 171,603; published Feb. 27, 1923.
Warnecke, Jacob A., doing business as Florida Honey Products Co., Tavares, Fla. Honey. 166,886; Apr. 17; Serial No. 167,665; published Feb. 6, 1923.
Warner Brothers Company, The, Bridgeport, Conn. Chains. 164,504; Feb. 20.
Warner Brothers Company, The, Bridgeport, Conn. Corsets. 166,712; Apr. 10; Serial No. 156,610; published Jan. 9, 1923.
Warner Brothers Company, The, Bridgeport, Conn. Women's fitted undergarments. 171,872; Aug. 14; Serial No. 174,046; published May 8, 1923.
Warner Brothers Company, The, Bridgeport Conn. Bandeaux and brassières. 176,039; Nov. 13; Serial No. 179,903; published Aug. 14, 1923.
Warner, Charles, Company, Wilmington, Del. Hydrated lime. 170,222; July 10; Serial No. 154,344; published Apr. 10, 1923.
Warner, Moore & Co., doing business as Dunlop Mills, Richmond, Va. Feed—namely, bran. 176,752; Nov. 27; Serial No. 175,582; published Aug. 7, 1923.
Warner-Patterson Company, Chicago, Ill. Glass for headlights. 174,139; Oct. 2.
Warner, Selden G., doing business as The Staset Company, West Orange, N. J. Diamond tools, diamond engraving and marking tools and drills. 174,154; Oct. 2.
Warners Whole Wheat Bread, Inc., New York, N. Y. Bread. 170,951; July 24; Serial No. 166,863; published Feb. 20, 1923.
Warnick, Edward A., doing business as Ka-Nix Sales Co., Birmingham, Ala. Tooth paste. 174,869; Oct. 23; Serial No. 180,336; published July 31, 1923.
Warren & Bailey Co., Los Angeles, Calif. Belting, hose, packing. 174,465; Oct. 16; Serial No. 172,246; published July 17, 1923.
Warren Clock Company, Ashland, Mass. Clocks. 175,808; Nov. 13; Serial No. 144,303; published Aug. 7, 1923.
Warren, Clyde W., doing business as Automatic Curtain Co., Sauk Rapids, Minn. Porch shades. 175,096; Oct. 30; Serial No. 179,904; published Aug. 7, 1923.
Warren Featherbone Company, The, Three Oaks, Mich. Cotton, silk, mercerized, etc., ribbons. 166,328; Mar. 27.
Warren Featherbone Company, The, Three Oaks, Mich. Bust forms and extenders, bustles, brassières, etc. 167,996; May 8.
Warren Foundry and Machine Company, Phillipsburg, N. J. Cast-iron gas and water pipes and fittings. 171,301; Aug. 7; Serial No. 164,846; published Apr. 24, 1923.
Warren I. Bailey Co., Los Angeles, Calif. Lubricating oils and greases. 166,518; Apr. 3; Serial No. 172,247; published Jan. 9, 1923.
Warren Manufacturing Company, The, New York, N. Y. Jute tag paper, jute envelope paper, bristol board, manifold paper, etc. 165,972; Mar. 27; Serial No. 159,672; published Dec. 5, 1922.
Warren Products Company Inc., The, New York, N. Y. Textile-material silk, linen, wool, cotton, or a mixture of same. 174,596; Oct. 23; Serial No. 178,685; published July 24, 1923.
Warren, S. D., Company, Boston, Mass. Printing paper. 163,731; Jan. 23.
Warren, S. D., Company, Boston, Mass. Printing paper. 166,732; Apr. 10.
Warren, Samuel Limited, Sheffield, England. Tool, carbon, shear, mild, spring, etc., steels. 169,217; June 12; Serial No. 152,599; published Mar. 20, 1923.
Warren, Samuel Limited, Sheffield, England. Molding and planing irons, rock and twist drills, milling cutters, etc. 169,218; June 12; Serial No. 152,600; published Mar. 20, 1923.
Warren Soap Manufacturing Company, Boston, Mass. Compound for the prevention of rust and corrosion. 163,768; Jan. 23.
Warren Soap Manufacturing Company, Boston, Mass. Lubricating compound for cooling and preventing hot boxes and bearings. 163,769; Jan. 23.
Warren Soap Manufacturing Company, Boston, Mass. Soap. 167,551; May 1; Serial No. 158,740; published Mar. 28, 1922.
Warren Soap Manufacturing Company, Boston, Mass. Outfit package containing soap and a towel. 168,807; May 29; Serial No. 169,939; published Feb. 13, 1923.
Warren Soap Manufacturing Company, Boston, Mass. Washing or cleansing powder. 176,520; Nov. 27; Serial No. 166,967; published Sept. 11, 1923.
Warren, W., Thread Wks., Westfield, Mass. Spool cotton. 163,545; Jan. 16.
Warren, W., Thread Wks., Westfield, Mass. Spool cotton. 165,012–15; Feb. 27.
Warren W., Thread Wks., Westfield, Mass. Spool cotton. 165,442; Mar. 13; Serial No. 165,336; published Jan. 2, 1923.
Warren, W., Thread Wks., Westfield, Mass. Spool cotton. 165,443; Mar. 13; Serial No. 165,330; published Jan. 2, 1923.
Warren, W., Thread Wks., Westfield, Mass. Spool and tube thread. 166,270; Mar. 27; Serial No. 166,920; published Jan. 9, 1923.
Warshauer, Jack, New York, N. Y. Boys' suits. 166,636; Apr. 10; Serial No. 168,185; published Jan. 9, 1923.
Warshauer, Jack, New York, N. Y. Girls' dresses. 166,635; Apr. 10; Serial No. 168,186; published Jan. 9, 1923.
Washburn-Crosby Co., Minneapolis, Minn. Wheat flour. 165,400; Mar. 6; Serial No. 156,671; published Oct. 31, 1922.
Washburn-Crosby Co., Minneapolis, Minn. Wheat flour. 167,143; Apr. 24; Serial No. 156,670; published Dec. 19, 1922.
Washburn-Crosby Co., Minneapolis, Minn. Wheat flour. 167,263; Apr. 24; Serial No. 155,721; published Dec. 19, 1922.
Washburn-Crosby Company, Minneapolis, Minn. Wheat flour. 164,233; Feb. 13.
Washburn-Crosby Company, Minneapolis, Minn. Wheat flour. 167,492; May 1; Serial No. 149,730; published Jan. 23, 1923.
Washburn-Crosby Company, Minneapolis, Minn. Wheat flour. 170,793; July 24; Serial No. 170,513; published Mar. 13, 1923.
Washburn-Crosby Company, Minneapolis, Minn. Wheat flour. 171,443; Aug. 7; Serial No. 159,545; published Mar. 27, 1923.
Washburn-Crosby Company, Minneapolis, Minn. Wheat flour. 176,581; Nov. 27; Serial No. 177,754; published Aug. 21, 1923.
Washburn-Crosby Company, Minneapolis, Minn. Wheat flour. 176,883; Dec. 4; Serial No. 181,468; published Sept. 25, 1923.
Washburn Crosby Company, Minneapolis, Minn. Oats, wheat cereal, bran flakes, etc. 177,829; Dec. 25.
Washburn, F. B., & Co., Brockton, Mass. Candy. 168,609; May 29; Serial No. 168,863; published Feb. 13, 1923.
Washburn, Frederick C., New Bedford, Mass. Pin boards for use in textile industry. 168,742; May 29; Serial No. 171,239; published Feb. 27, 1923.
Washington Barber Supply Co. (See Selkow, Irving.)
Washington County Canning Company, Eastport, Me. Canned blueberries. 174,534; Oct. 16.

Washington Dehydrated Food Co., Yakima, Wash. Dehydrated apples. 170,508; July 17; Serial No. 172,919; published Apr. 17, 1923.
Washington Embroidery Co., New York, N. Y. Pillowcases, bolster cases, bed sheets, shams, scarfs, table covers, and napkins. 169,963; July 10; Serial No. 174,805; published Apr. 10, 1923.
Washington Manufacturing Co., Nashville, Tenn. Work and dress shirts, overalls, garment supporters. 168,367; May 22; Serial No. 164,620; published Feb. 13, 1923.
Washington Manufacturing Co., Nashville, Tenn. Work shirts and overalls. 174,211; Oct. 9; Serial No. 179,502; published July 10, 1923.
Washington Pastry Co. (See De Vito, Aristide.)
Washington Radio Corp., Washington, D. C. Radio sets and parts thereof. 172,830; Sept. 11; Serial No. 164,617; published June 5, 1923.
Washington, Thomas C., Chevy Chase, Washington, D. C. Puzzles. 171,322; Aug. 7; Serial No. 168,342; published May 1, 1923.
Wasmuth-Endicott Company, Andrews, Ind. Cabinets. 171,774; June 12.
Wasmuth-Endicott Company, Andrews, Ind. Kitchen cabinets. 173,816; Oct. 2; Serial No. 171,774; published June 12, 1923.
Wasserman, A. F., Memphis, Tenn. Soap. 174,628; Oct. 28; Serial No. 179,574; published July 24, 1923.
Wasson, Harry G., doing business as Target Penetrating Oil Co., Peoria, Ill. Rust solvent. 163,201; Jan. 2.
Watchung Springs Co., Plainfield, N. J. Coffee in beverage form. 166,441; Apr. 3; Serial No. 166,796; published Jan. 16, 1923.
Watelet, Abel, doing business as Abel Watelet & Cie., Paris, France. Pharmaceutical preparation for use in diseases of the stomach, intestines, etc. 169,607; June 26; Serial No. 172,455; published Feb. 27, 1923.
Waterbury Brass Goods Corporation, The, Waterbury, Conn. Paper fasteners. 166,206; Mar. 27; Serial No. 169,266; published Nov. 7, 1922.
Waterbury Button Company, The, Waterbury, Conn. Electric insulating compound. 166,562; Apr. 10; Serial No. 168,740; published Jan. 9, 1923.
Waterbury Clock Company. (See Ingersoll, Robt. H., & Bro., assignors.)
Waterbury Company, New York, N. Y. Wire ropes. 168,398–9; May 22; Serial No. 171,674–5; published Feb. 20, 1923.
Waterman, August H., Rockford, Ill. Metal polish, waterproof leather dressing, shoe polish, and cleaner for clothes and fabric goods. 165,194; Mar. 6; Serial No. 167,910; published Nov. 28, 1922.
Waterman, Helen, Orange, N. J. Candy. 169,162; June 12; Serial No. 166,425; published Mar. 27, 1923.
Waterman, J. S., & Co., Inc., New Orleans, La. Wheat flour. 165,291; Mar. 6; Serial No. 152,110; published Nov. 7, 1922.
Waterproof Adhesives Company, Oak Creek, Wis. Casein glue. 163,770; Jan. 23.
Waters & Waters Mfg. Co., St. Louis, Mo. Typewriter ribbons and carbon paper. 166,591; Apr. 10; Serial No. 167,788; published Dec. 26, 1922.
Watertown Table-Slide Company, Watertown, Wis. Table slide bars. 173,569; Sept. 25.
Waterville Textile Mills, Inc., Waterville, N. Y. Men's and women's underwear. 165,302; Mar. 6. Serial No. 163,486; published Nov. 14, 1922.
Waterville Textile Mills, Inc., Waterville, N. Y. Children's underwear. 170,073; July 10; Serial No. 166,210; published Dec. 12, 1922.
Water-Witch Company, Lake Odessa, Mich. Artificial fish baits. 173,044; Sept. 11; Serial No. 176,929; published June 12, 1923.
Water-Witch Company, Lake Odessa, Mich. Artificial fish baits. 176,929; June 12.
Watkins Chemical Company. (See Watkins, Harold C.)
Watkins, Erwin W., Copper Hill, Tenn. Face lotion. 163,202; Jan. 2.
Watkins, Harold C., doing business as Watkins Chemical Company, Scranton, Pa. Cathartic. 167,565; May 1; Serial No. 167,700; published Jan. 30, 1923.
Watkins, Harold C., doing business as Watkins Chemical Company, Scranton, Pa. Beverage sold as a soft drink and sirup for making same. 175,527; Nov. 6; Serial No. 181,157; published Aug. 28, 1923.
Watkins Manufacturing Company, The, Wichita, Kans. Babbitt bearings. 169,340; June 12; Serial No. 173,113; published Mar. 20, 1923.
Watson, Arthur C., doing business as Nancy Hubbard Company, Los Angeles, Calif. Candy. 173,173; Sept. 18; Serial No. 171,112; published June 26, 1923.
Watson & Aven, Little Rock, Ark. Ice cream. 170,157; July 10; Serial No. 169,343; published Apr. 3, 1923.
Watson, Dan L., Georgiana, Ala. Medicines for kidney troubles, rheumatism, headaches, etc. 172,651; Sept. 11; Serial No. 143,466; published May 22, 1923.
Watson, James R., doing business as San Bernardino Valley Potato Growers Ass'n. and as Watson & Watson, San Bernardino, Calif. Potatoes. 164,160; Feb. 13.
Watson, Lee M., Boston, Mass. Chemical compounds, etc., for use in producing varying colors in burning fuel. 172,645–6; Sept. 11; Serial Nos. 157,396–7; published Apr. 17, 1923.
Watson Manufacturing Company, Lancaster, Pa. Poultry-raising appliances. 173,169; Sept. 18; Serial No. 115,304; published June 19, 1923.
Watson, Orrin W., doing business as Watson Boat Works, Spokane, Wash. Boats. 169,113; June 5.
Watson & Watson. (See Watson, James R.)
Watt, James A. D., London, England. Safety razors and blades thereof. 172,828; Sept. 11; Serial No. 166,758; published June 5, 1923.
Watts, Edward J., San Francisco, Calif. Shampoos. 167,598; May 1; Serial No. 169,659; published Jan. 9, 1923.
Watts, Henry A., Milwaukee, Wis. Parlor baseball game. 164,537; Feb. 20.
Watts, Richard J., doing business as Watts Mfg. Co., Boston, Mass. Garment supporters. 168,206; May 15; Serial No. 160,841; published Feb. 6, 1923.
Watts, Ritter and Company, Huntington, W. Va. Men's high-grade dress shirts. 175,202; Oct. 30; Serial No. 175,116; published Aug. 7, 1923.
Waukee Company, Indianapolis, Ind. Hair dressing in liquid form to be rubbed into the hair and scalp. 167,583; May 1; Serial No. 170,168; published Jan. 30, 1923.
Waukesha Silurian Water Co., also doing business as Waukesha Spring Water Company, Waukesha, Wis. Still and carbonated water, ginger ale, root beer, etc. 177,193; Dec. 11; Serial No. 178,316; published Aug. 28, 1923.
Waumbek Manufacturing Company, New York, N. Y. Cotton and cotton and silk mixture fabrics in the piece. 169,673; June 26; Serial No. 174,548; published Mar. 27, 1923.
Waumbek Manufacturing Company, New York, N. Y. Cotton crêpe fabrics in the piece. 171,475; Aug. 7; Serial No. 178,317; published May 15, 1923.
Waupun Canning Co., The, Waupun, Wis. Canned vegetables. 168,475; May 22; Serial No. 168,134; published Feb. 20, 1923.
Wauregan Company, The, Wauregan, Conn., and Providence, R. I. Cotton fabrics and silk fabrics in the piece. 172,994; Sept. 11; Serial No. 176,517; published June 5, 1923.
Waverly Musical Products Co., Inc., New York, N. Y. Ukulele and banjo pegs, ukulele, mandolin, banjo, and guitar tailpieces, etc. 169,190; June 12; Serial No. 174,601; published Mar. 6, 1923.
Way, Frances M., doing business as George P. Way, Artificial Ear-Drum Company, Detroit, Mich. Eardrums. 166,388; Apr. 3; Serial No. 169,429; published Dec. 19, 1922.
Way, George P., Artificial Ear-Drum Company. (See Way, Frances M.)
Way Works, Incorporated, Philadelphia, Pa. Hinges. 171,107; July 31; Serial No. 174,549; published Apr. 24, 1923.
Wayborn, James A., Brooklyn, N. Y. Prunes. 167,977; May 8.
Wayborn, James A., doing business as Jameway Co., Brooklyn, N. Y. Prunes. 171,205; July 31; Serial No. 154,631; published May 15, 1923.
Waymart Knitting Mill, Waymart, Pa. Sweater coats. 173,679; Oct. 2; Serial No. 178,199; published July 10, 1923.
Wayne County Produce Co., The, Brooklyn, N. Y. Vinegar. 168,577; May 29; Serial No. 167,441; published Mar. 6, 1923.
Wayne Knitting Mills, Fort Wayne, Ind. Hosiery. 163,732; Jan. 23.
Wear-Ever Patch Mfg. Co. Inc., The, Columbus, Ohio. Patches for automobile tubes. 169,193; June 12; Serial No. 169,941; published Feb. 27, 1923.
Wearite Storage Battery Co., Philadelphia, Pa. Storage batteries. 174,690; Oct. 23; Serial No. 179,976; published July 31, 1923.
Wearpledge Corporation, The, New York, N. Y. Men's, boys', and children's coats, vests and trousers. 163,643; Jan. 23.
Weaver, George E., doing business as U-Sal Company, New York, N. Y. Dental medicinal compound. 177,751; Dec. 25; Serial No. 179,503; published Aug. 21, 1923.
Weaver Manufacturing Company, Springfield, Ill. Garage and shop equipment. 167,317; Apr. 24.
Web Sterilizer Co. (See Barnard, William E.)
Webb, Thomas J., Company, Chicago, Ill. Coffee. 175,743; Nov. 13; Serial No. 178,787; published Sept. 4, 1923.
Webb, Thomas J., Company, Chicago, Ill. Coffee. 175,744; Nov. 13; Serial No. 178,789; published Sept. 4, 1923.
Webb, Thomas J., Company, Chicago, Ill. Coffee. 176,612; Nov. 27; Serial No. 179,075; published Sept. 11, 1923.
Webb, Thomas J., Company, Chicago, Ill. Spices. 176,796; Nov. 27.
Webb, Thomas J., Company, Chicago, Ill. Coffee. 177,756; Dec. 25; Serial No. 178,786; published Sept. 11, 1923.
Webber, Abram, Halifax, Nova Scotia, Canada. Nasal lotion. 167,838; May 8; Serial No. 169,611; published Feb. 13, 1923.
Webber Chemical Co. (See Robbins, William G.)

Alphabetical list of registrants of trade-marks—Continued.

Weber, David, & Co., Philadelphia, Pa. Corrugated fiber and paper boxes, envelopes, wrappers, etc. 175,885; Nov. 13; Serial No. 180,512; published Sept. 4, 1923.

Weber, David, & Co., Philadelphia, Pa. Corrugated boxes, envelopes, etc. 176,445; Nov. 27; Serial No. 180,511; published Sept. 18, 1923.

Weber Flour Mills Corporation, The, Salina, Kans. Wheat flour. 173,170; Sept. 18; Serial No. 168,505; published Mar. 20, 1923.

Weber & Heilbroner, New York, N. Y. Men's overcoats. 164,237–8; Feb. 13.

Weber & Heilbroner, New York, N. Y. Men's suits. 176,241; Nov. 20; Serial No. 182,690; published Sept. 4, 1923.

Weber, Leopold, Chicago, Ill. Liquid shampoo. 165,523; Mar. 13; Serial No. 164,284; published Dec. 12, 1922.

Weber Levy Company, New York, N. Y. Hosiery, underwear, and sweaters. 175,789; Nov. 13; Serial No. 179,759; published Aug. 28, 1923.

Weber Lifelike Fly Co., The, Stevens Point, Wis. Artificial fishing flies. 167,304; Apr. 24.

Weber Lithographing Co., Chicago, Ill. Bond paper. 166,824; Apr. 17; Serial No. 172,922; published Feb. 6, 1923.

Weber, M., & Co., Inc., New York, N. Y. Ladies' hand bags. 165,945; Mar. 20.

Weber & McCrea, Los Angeles, Calif. Binders for books, pamphlets, and papers. 175,318; Nov. 6; Serial No. 180,996; published Aug. 21, 1923.

Weber Milk Company, Indianapolis, Ind. Malted chocolate milk drink. 170,573; July 17; Serial No. 165,320; published Apr. 17, 1923.

Webley & Scott Limited, Birmingham, England, Revolvers, automatic pistols, and other small arms. 163,486; Jan. 16.

Webster Cider & Vinegar Co. (See Hinchliffe, Alfred W.)

Webster, Harry W., doing business as Decorators Wall Paper Co., Toledo, Ohio. Paints, putty, linseed oil, and turpentine, etc. 172,368; Aug. 28; Serial No. 160,908; published Apr. 3, 1923.

Webster, William A., Company, The, Memphis, Tenn. Aspirin. 174,344; Oct. 16; Serial No. 152,294; published July 17, 1923.

Wechsler-Barber Silk Co., Inc., New York, N. Y. Silk and silk-mixture fabrics in the piece. 165,683; Mar. 20; Serial No. 170,454; published Dec. 26, 1922.

Wechsler Barber Silk Company, Inc., New York, N. Y. Silk piece goods. 174,654; Oct. 23; Serial No. 181,506; published Aug. 7, 1923.

Wechsler, Isaac, doing business as W. B. Suspender House, New York, N. Y. Suspenders, belts, and garters. 172,043; Aug. 21; Serial No. 157,704; published May 22, 1923.

Weck, Edward, & Son, Inc., New York, N. Y. Cutlery—namely, pocketknives, kitchen and table knives, scissors, razors, and razor blades. 166,782; Apr. 17; Serial No. 161,471; published Dec. 5, 1922.

Wedge Heel & Rubber Co. Inc., Fort Wayne, Ind. Rubber heels. 176,152; Nov. 20; Serial No. 170,916; published July 31, 1923.

Wedler-Shuford Co., St. Louis, Mo. Seat pads or cushions. 167,450; May 1; Serial No. 163,125; published Jan. 30, 1923.

Wedler Shuford Co., St. Louis, Mo. Windshield shade. 167,677; May 8; Serial No. 142,367; published Feb. 6, 1923.

Wedler-Shuford Company, The, St. Louis, Mo. Attachment for automatically controlling the carburetor and indicating the temperature of internal-combustion engines. 168,271; May 15; Serial No. 168,187; published Feb. 13, 1923.

Wedrick, William R., Silver Lake, Ind. Onions. 173,946; Oct. 2; Serial No. 177,941; published July 17, 1923.

Weeks, D., & Company, Des Moines, Iowa. Laxative cold tablets. 170,990; July 24.

Weichsel Laboratories, Dallas, Tex. Chemical preparation for use as a skin curative. 163,546; Jan. 16.

Weichsel Laboratories, Dallas, Tex. Shaving creams and shaving sticks. 165,142; Mar. 6; Serial No. 149,666; Published Dec. 12, 1922.

Weideman Company, The, Cleveland, Ohio. Coffee. 174,716; Oct. 23; Serial No. 173,309; published July 24, 1923.

Weidner, Paul R., Woburn, Mass. Canned fruits and vegetables, dried fruits, fruit preserves, etc. 170,150; July 10; Serial No. 168,343; published Apr. 3, 1923.

Weiklet Company, The, Pittsburgh, Pa. Stomach, liver, kidney, and blood tonic, face cream, eczema and pile salves. 164,158; Feb. 13.

Weil Brothers, New York, N. Y. Piece goods of cotton and silk and combinations of cotton and silk. 165,878; Mar. 20.

Weil, H. S., Co., The, Cleveland, Ohio. Mattress covers made of textile fabrics. 166,058; Mar. 27; Serial No. 168,188; published Dec. 12, 1922.

Weil, Morton M., assignor to S. B. Frank, Scranton, Pa. Collars. 164,239; Feb. 13.

Weill, David, Mount Vernon, N. Y. Preparation for the treatment of liver complaint. 164,451; Feb. 20.

Weiller, W. C., & Company. (See Weiller, William C.)

Weiller, William C., doing business as W. C. Weiller & Company, Baltimore, Md. Boys' outer wash suits and blouses. 163,644; Jan. 23.

Weinberg & Bisbing, New York, N. Y. Parasols and umbrellas. 164,072; Feb. 13.

Weiner Brothers, Inc., New York, N. Y. Cotton piece goods. 170,541; July 17; Serial No. 174,550; published Apr. 17, 1923.

Weiner Brothers, Inc., New York, N. Y. Cotton piece goods. 171,826; Aug. 14; Serial No. 175,583; published May 22, 1923.

Weiner, Louis I., doing business as Tablax Company, New York, N. Y. Vaginal suppositories. 164,335; Feb. 20.

Weingarten Bros., New York, N. Y. Corsets. 173,805; Oct. 2; Serial No. 173,061; published July 3, 1923.

Weinstein, Davad H., Miami, Fla. Cleaning fluids—namely, those adapted for shoes. 168,864; May 29; Serial No. 172,138; published Mar. 6, 1923.

Weinstein, Goldie, doing business as Goldie Fruit Coffee Co., New York, N. Y. Beverage suitable as a substitute for coffee. 166,893; Apr. 17; Serial No. 165,904; published Feb. 6, 1923.

Weinstock, L., & Co., New York, N. Y. Jewelry for personal wear, not including watches. 165,367; Mar. 6; Serial No. 161,762; published Nov. 14, 1922.

Weisbecker, Charles, New York, N. Y. Salad dressing. 171,102; July 31; Serial No. 174,349; published May 8, 1923.

Weisberg, Benjamin, Philadelphia, Pa. Neckties. 163,841; Jan. 30.

Weisberg, Benjamin, Philadelphia, Pa. Neckties. 172,800; Sept. 11; Serial No. 174,502; published June 5, 1923.

Weisberg, Emily R., doing business as Evol Chemical Company, New York, N. Y. Medicine for the treatment of impotence and frigidity. 173,426; Sept. 25; Serial No. 159,004; published June 26, 1923.

Weissbrod, Emil, & Sons, Inc., Greenfield, Mass. Pass holders. 168,734; May 29; Serial No. 172,408; published Mar 13, 1923.

Welbilt Auto-Body Co., Los Angeles, Calif. Vehicles, particularly automobile bodies. 173,693; Oct. 2; Serial No. 177,338; published June 19, 1923.

Welch, C. S., Company, The, New York, N. Y. Perfumed addition for the bath. 169,910; July 3; Serial No. 170,599; published Mar. 13, 1923.

Welch, E. B., Co. (See Welch, Everett B.)

Welch, Everett B., doing business as E. B. Welch & Co., St. Joseph, Mo. Preparation for use as a stove polish for blackening iron surfaces, etc. 163,783; Jan. 30.

Welch Grape Juice Company, Westfield, N. Y. Tomato catchup. 177,583; Dec. 18.

Welch & Marker, Ionia, Mich. Vermifuge to be used in the treatment of live stock. 170,425; July 17; Serial No. 172,022; published Apr. 10, 1923.

Welch and Woodsum, doing business as O. K. Manufacturing Company, Haverhill, Mass. Toothache drops. 163,203; Jan. 2.

Welden National Bank, The, St. Albans, Vt. Table sirup and maple sugar. 175,416; Nov. 6; Serial No. 162,088; published Aug. 14, 1923.

Weldene Manufacturing Company, Chicago, Ill. Solder. 172,806; Sept. 11; Serial No. 149,048; published June 5, 1923.

Weldfast System, Inc., Salem, Mass. Cartons and boards. 176,670; Nov. 27; Serial No. 182,324; published Sept. 18, 1923.

Weldit Company, Washington, D. C. Preheating torches. 170,077; July 10; Serial No. 166,965; published Apr. 3, 1923.

"Weldrite" Company, Incorporated, Long Island City, N. Y. Welding wire and rods. 177,014; Dec. 11; 162,524; published Sept. 25, 1923.

Welever Piston Ring Company, The, Toledo, Ohio. Piston rings. 167,003; Apr. 17.

Wellington Co. (See Sprague, E. H.)

Wellman Wieber Checkers Company, The, Cleveland, Ohio. Shock absorbers for vehicles. 167,505; May 1; Serial No. 166,275; published Dec. 19, 1922.

Well-O Company. (See Miller, W. H.)

Wells-Abbott-Nieman Co., Inc., Schuyler, Nebr. Hard-wheat flour. 176,734; Nov. 27; Serial No. 173,946; published July 24, 1923.

Wells, Edgar R., Prosser, Wash. Eggs and live poultry. 170,925; July 24; Serial No. 163,607; published Mar. 20, 1923.

Wells, Frank O., Company, Inc., Greenfield, Mass. Taps and dies. 169,007; May 29.

Wells, Frank O., Company, Inc., Greenfield, Mass. Broaches, push and pull type. 169,008; May 29.

Wells, Frank O., Company, Inc., Greenfield, Mass. Reamers. 169,009; May 29.

Wells Process Company, The. (See Taylor and Atkinson.)

Wells, S. C., & Co., Le Roy, N. Y. Herb tea. 175,640; Nov. 6; Serial No. 179,633; published Aug. 21, 1923.

Wells-Treister Co., Inc., New York, N. Y. Fur coats, wraps, capes, scarfs, neckpieces, and muffs. 172,205; Aug. 28; Serial No. 172,699; published May 29, 1923.

Wellsmore & Co., Inc., New York, N. Y. Pianos, player pianos, electrically-operated pianos, and phonographs. 170,959; July 14, 1923.

Welton & Company. (See Haskins & Welton, assignors.)

Wenatchee Northern Warehouse & Marketing Co., Wenatchee, Wash. Fresh apples. 168,685; May 29; Serial No. 169,342; published Mar. 6, 1923.
Wendling, George X., San Francisco, Calif. Wall section consisting of connected wood slats forming a closure or wall for a box or crate. 170,349; July 10.
Wendling, George X., San Francisco, Calif. Box shooks. 174,277; Oct. 9; Serial No. 178,318; published July 3, 1923.
Wenger, Aaron, doing business as Crystal Window Cleaner, Bayonne, N. J. Window squeegee. 168,057; May 15; Serial No. 170,261; published Feb. 20, 1923.
Wenglein's, H. J., Norica- & Herold-Werke Nürnberg-Schwabacher Nadelfabriken G. m. b. H., Nuremberg, Germany. Talking-machine needles. 168,366; May 22; Serial No. 164,621; published Feb. 20, 1923.
Werk, M., Company, The, Cincinnati, Ohio. Soap powder. 23,394–5; renewed July 25, 1923.
Werner Bros, New York, N. Y. Finger rings, cuff links, and buttons, belt buckles, etc. 165,361; Mar. 6; Serial No. 167,112; published Nov. 14, 1922.
Werner, Frank, doing business as Frank Werner Company, San Francisco, Calif. Shoes. 164,060; Feb. 13.
Werner, Frank, Company. (See Werner, Frank.)
Werner Industries Company, The, Cincinnati, Ohio. Piano and player pianos. 166,568; Apr. 10; Serial Nos. 166,755–6; published Dec. 26, 1922.
Werner Industries Company, The, Cincinnati, Ohio. Pianos and player pianos. 166,676; Apr. 10; Serial No. 166,756; published Dec. 26, 1922.
Wertheimer Brothers, New York, N. Y. Ribbons. 170,777; July 24; Serial No. 176,052; published Apr. 24, 1922.
Wesco Sales Agency. (See Gorton, Charles W.)
Wesley, Edward, & Company, Cincinnati, Ohio. Hair-combing cream. 169,617; June 26; Serial No. 172,625; published Mar. 6, 1923.
West Branch Knitting Company, Milton, Pa. Hosiery and knit underwear. 163,645; Jan. 23.
West Branch Knitting Company, Milton, Pa. Union suits and hosiery. 172,022; Aug. 21; Serial No. 170,455; published June 5, 1923.
West Coast Kalsomine Company, Berkeley, Calif. Calcimine. 174,143; Oct. 2.
West Coast Kalsomine Company, Berkeley, Calif. Calcimine. 176,480; Nov. 27; Serial No. 180,729; published Sept. 18, 1923.
West Coast Soap Company, Oakland, Calif. Soap powder. 163,785; Jan. 30.
West Coast Soap Company, Oakland, Calif. Toilet soap. 163,789; Jan. 30.
West Coast Textile Company, Redlands, Calif. Towels of textile materials. 163,416; Jan. 9.
West Disinfecting Company, New York, N. Y. Insecticide. 166,269; Mar. 27; Serial No. 166,865; published Dec. 5, 1922.
West Disinfecting Company, New York, N. Y. Insecticides. 167,736; May 8; Serial No. 168,698; published Jan. 2, 1923.
West Disinfecting Company, New York, N. Y. Paper towels. 169,742; June 26.
West Electric Hair Curler Company, Philadelphia, Pa. Hair nets. 166,811; Apr. 17; Serial No. 167,591; published Jan. 23, 1923.
West Electric Hair Curler Company, Philadelphia, Pa. Hair curlers. 173,731; Oct. 2; Serial No. 180,313; published July 3, 1923.
West Electric Hair Curler Company, Philadelphia, Pa. Hair nets. 174,589; Oct. 23; Serial No. 179,838; published July 24, 1923.
West, Ernest G., doing business as Hutchings Medicine Co., Toronto, Ontario, Canada. Toilet preparation. 176,347; Nov. 20.
West India Oil Company, New York, N. Y. Candles, kerosene, motor gasoline, refined petroleum, etc. 164,549; Feb. 20.
West India Oil Company, New York, N. Y. Candles. 165,232; Mar. 6.
West India Oil Company, New York, N. Y. Candles. 168,769; May 29; Serial No. 173,799; published Feb. 27, 1923.
West India Oil Company, New York, N. Y. Candles. 169,628; June 26; Serial No. 173,798; published Mar. 27, 1923.
West India Oil Company, Bayonne, N. J. Oils, greases, candles. 176,547; Nov. 27; Serial No. 183,681; published Sept. 18, 1923.
West, Mabel, doing business as Westnell Company, Houston, Tex. Liquid mouth wash for use in the treatment of pyorrhea, etc. 174,692; Oct. 23; Serial No. 180,036; published July 31, 1923.
West, P. C., Mfg. Co. Inc., Chicago, Ill. Machine and devices for opening cans. 166,066; Mar. 27; Serial No. 168,132; published Dec. 5, 1922.
West & Tuell, Bisbee, Ariz. Medicinal chewing gum. 173,527; Sept. 25.
West Virginia Pulp & Paper Co., New York, N. Y. English-finish and supercalender book papers. 167,105; Apr. 24; Serial No. 169,570; published Jan. 30, 1923.
West Virginia Pulp & Paper Company, New York, N. Y. Wrapping and book papers. 163,948; Feb. 6.
West Virginia Pulp & Paper Company, New York, N. Y. Book and wrapping paper. 172,266; Aug. 28; Serial No. 177,256; published May 29, 1923.
Westberg, Gustave E., Los Angeles, Calif. Antitheft locks for motor-vehicle wheels. 171,805; Aug. 14; Serial No. 177,155; published May 8, 1923.
Westchester Bottling Works, New Rochelle, N. Y. Beverage sold as soft drinks and sirups for making same. 163,417; Jan. 9.
Westchester Bottling Works, New Rochelle, N. Y. Beverages sold as soft drinks and sirups for making same. 172,325; Aug. 28; Serial No. 176,700; published May 29, 1923.
Westcott Rule Company, Incorporated, Seneca Falls, N. Y. Folding rules. 169,733; June 26.
Westcott, Slade and Balcom Company, Providence, R. I. Boat paint. 174,403; Oct. 16; Serial No. 178,647; published July 17, 1923.
Wester Bros., New York, N. Y. Nail nippers, toilet tweezers, and manicure instruments. 164,569; Feb. 20.
Wester Bros., New York, N. Y. Cutlery—viz., razors and scissors made of solid steel. 166,646; Apr. 10; Serial No. 165,104; published Jan. 23, 1923.
Wester Brothers, New York, N. Y. Cutlery. 172,251; Aug. 28; Serial No. 156,206; published May 29, 1923.
Wester, John W., Chicago, Ill. Goiter medicine. 164,145; Feb. 13.
Western Auto Polish Co., Ogden, Utah. Polish for painted and varnished surfaces. 163,771; Jan. 23.
Western Bottle Manufacturing Company, Chicago, Ill. Handkerchiefs. 164,780; Feb. 27.
Western Bottle Manufacturing Company, also doing business as The Western Company, Chicago, Ill. Handkerchiefs. 170,182; July 10; Serial No. 176,144; published Apr. 10, 1923.
Western Bottle Manufacturing Company, also doing business as The Western Company, Chicago, Ill. Handkerchiefs. 170,186; July 10; Serial No. 176,139; published Apr. 10, 1923.
Western Bottle Manufacturing Company, Chicago, Ill. Powder puffs. 171,056; July 31; Serial No. 176,140; published May 15, 1923.
Western Bottle Manufacturing Company, Chicago, Ill. Powder puffs, tooth, hair, hand, and clothes brushes. 171,057; July 31; Serial No. 176,145; published May 15, 1923.
Western Bottle Manufacturing Company, also doing business as The Western Company. Handkerchiefs and hair nets. 171,522; Aug. 7; Serial No. 176,136; published May 8, 1923.
Western Bottle Manufacturing Company, at times doing business as The Western Company, Chicago, Ill. Hair nets. 171,796; Aug. 14; Serial No. 176,142; published May 22, 1923.
Western California Fish Co., San Francisco, Calif. Canned, kippered, smoked, and salted fish. 168,636; May 29; Serial No. 168,395; published Feb. 20, 1923.
Western Cartridge Company, East Alton and Springfield, Ill., assignor to Western Cartridge Company. Shot shells. 169,970; July 10; Serial No. 164,285; published Apr. 3, 1923.
Western Chemical Co., Inc., The, Seattle, Wash. Double-acting alkaline hypochlorite solution. 176,314; Nov. 20; Serial No. 179,119; published Aug. 28, 1923.
Western Clock Co., Peru, Ill. Clocks, watches, and component parts thereof. 164,377; Feb. 20.
Western Company, The. (See Western Bottle Manufacturing Company.)
Western Dairy Co., Chicago, Ill. Butter cream, fluid or raw sweet milk and cream, whip cream, buttermilk. 167,141; Apr. 24; Serial No. 156,814; published Dec. 26, 1922.
Western Dairy Co., Chicago, Ill. Butter. 167,274; Apr. 24; Serial No. 152,052; published Mar. 14, 1922.
Western Drop Forge Company, Marion, Ind. Drop forgings. 175,171; Oct. 30; Serial No. 181,429; published Aug. 7, 1923.
Western Dry Battery Co., Seattle, Wash. Electric batteries and flash-light casings. 164,640–1; Feb. 27.
Western Electric Company, Inc., New York, N. Y. Galvanized strand, a twisted wire cable. 163,700; Jan. 23.
Western Electric Company, Incorporated, New York, N. Y. Fire pots, torches, and metal reflectors. 165,093; Mar. 6. Serial No. 155,652; published Oct. 24, 1922.
Western Electric Company, Incorporated, New York, N. Y. Title to a monthly publication. 174,905; Oct. 23; Serial No. 178,941; published July 31, 1923.
Western Electric Company, Incorporated, New York, N. Y. Creosote wood preservatives. 176,433; Nov. 27; Serial No. 183,240; published Sept. 11, 1923.
Western Fancy Goods Company, San Francisco, Calif. Garters, belts, neckties, boudoir caps, etc. 176,149; Nov. 20; Serial No. 171,561; published Aug. 28, 1923.
Western Federation of Miners, Denver, Colo. Printed booklets and pamphlets. 163,701; Jan. 23.
Western Gas Fixture Co., The, Toledo, Ohio. Domes and shades of paper for lighting fixtures. 171,681; Aug. 7.
Western Grain Company, Birmingham, Ala. Corn meal and grits, horse, cow, and hen feeds, etc. 176,763; Nov. 27; Serial No. 175,117; published Aug. 21, 1923.
Western Grocer Company, Marshalltown, Iowa. Canned grapefruit, fruit salad, pimientos, tunny, etc. 176,742; Nov. 27; Serial No. 176,235; published Aug. 14, 1923.

Alphabetical list of registrants of trade-marks—Continued.

Western Hosiery Company, Chicago, Ill. Knitted and textile underwear. 166,611; Apr. 10; Serial No. 147,384; published Dec. 12, 1922.

Western Hosiery Company, Chicago, Ill. Gloves of leather, rubber, and fabric and knitted and textile underwear. 175,810; Nov. 13; Serial No. 147,383; published Oct. 17, 1922.

Western Materials Company, Chicago, Ill. High-temperature cement. 175,726; Nov. 13; Serial No. 179,249; published Sept. 4, 1923.

Western New York Fruit Growers' Co-Operative Packing Ass'n, Inc., Rochester, N. Y. Fresh apples. 168,354; May 22; Serial No. 166,518; published Feb. 20, 1923.

Western New York Fruit Growers' Co-Operative Packing Ass'n, Inc., Rochester, N. Y. Fresh apples, peaches, pears, plums, prunes, and quinces. 168,561; May 29; Serial No. 166,517; published Feb. 20, 1923.

Western Ohio Creamery Co., The, Greenville, Ohio. Butter. 176,849; Dec. 4; Serial No. 174,272; published Sept. 11, 1923.

Western Paper Box Company, Chicago, Ill. Paper pails. 175,207–9; Oct. 30; Serial Nos. 181,796–8; published Aug. 14, 1923.

Western Pine Manufacturers Association, Portland, Oreg. Pine boxes. 166,019; Mar. 27; Serial No. 163,247; published Nov. 28, 1922.

Western Reserve Oil Company, The, Cleveland, Ohio. Lubricating oils and greases. 173,456; Sept. 25; Serial No. 178,366; published June 19, 1923.

Western Rubber Company, Tacoma, Wash. Solid and pneumatic rubber and fabric automobile tires. 168,520; May 22.

Western Sausage & Provision Co., Inc., New York, N. Y. Tomato paste. 174,623; Oct. 23; Serial No. 179,442; published July 31, 1923.

Western Shirt Company, The, New York, N. Y. Work shirts. 175,107; Oct. 30; Serial No. 177,156; published Aug. 7, 1923.

Western Tobacco Company, Inc., New York, N. Y. Cigarettes. 171,156; July 31; Serial No. 176,236; published Apr. 24, 1923.

Western Wholesale Drug Co., Los Angeles, Calif. Salve for external use in the treatment earache, eczema, etc., and face cream. 167,669; May 8; Serial No. 171,971; published Feb. 20, 1923.

Westfield Manufacturing Company, Westfield, Mass. Toy two and three wheel cycles and coasters. 165,747; Mar. 20; Serial No. 171,145; published Jan. 2, 1923.

Westfield Manufacturing Company, Westfield, Mass. Baby carriages and gocarts. 167,366; May 1; Serial No. 169,942; published Jan. 23, 1923.

Westfield Manufacturing Company, Westfield, Mass. Bicycles. 169,254; June 12; Serial No. 171,050; published Feb. 27, 1923.

Westfield Manufacturing Company, Westfield, Mass. Baby carriages. 170,501; July 17; Serial No. 171,051; published Apr. 17, 1923.

Westfield Manufacturing Company, Westfield, Mass. Bicycles, tricycles, and parts thereof. 175,950; Nov. 13; Serial No. 172,456; published Sept. 4, 1923.

Westfield River Paper Company, New York, N. Y. Wrapping and transparent papers. 168,032; May 8.

Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vacuum tubes. 164,358; Feb. 20.

Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Mineral oil for insulating and cooling purposes. 168,882; May 29; Serial No. 167,063; published Mar. 13, 1923.

Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lightning arresters. 171,006; July 31; Serial No. 176,864; published Apr. 24, 1923.

Westlake, Albert, New York, N. Y. Milk bottles. 166,385; Apr. 3; Serial No. 169,513; published Jan. 9, 1923.

Westlake Chemical Co., Inc., Westlake, La. Fertilizer. 176,080; Nov. 13; Serial No. 182,240; published Sept. 4, 1923.

Westland Oil Company, Scobey, Mont. Gasoline, kerosene, and lubricating oils and greases. 174,764; Oct. 23; Serial No. 169,612; published Feb. 27, 1923.

Westmoreland Candy Company, Richmond, Va. Candy. 172,046; Aug. 21; Serial No. 154,677; published May 22, 1923.

Westmoreland Coal Co., Philadelphia and Westmoreland County, Pa. Bituminous coal. 22,955; renewed May 2, 1923.

Westmoreland Specialty Company, Grapeville, Pa. Pressed glassware. 165,555; Mar. 13; Serial No. 153,191; published Dec. 26, 1922.

Westphal, Paul, Co. (See Westphal, Paul.)

Westphal, Paul, doing business as Paul Westphal Co., Garden City, N. Y. Hair tonic. 165,709; Mar. 20; Serial No. 168,345; published Dec. 19, 1922.

Westphono Incorporated, St. Paul, Minn. Combination library table and phonograph, phonographs, etc. 174,313; Oct. 9.

Wetherald, James T., Pasadena, Calif. Raisins. 166,813; Apr. 17; Serial No. 167,440; published Feb. 6, 1923.

Wetherhold, William R., doing business as Reading Textiles, Reading, Pa. Hosiery for men and women. 173,019; Sept. 11; Serial No. 173,062; published June 5, 1923.

Wetherill, Geo. D., & Co., Inc., Philadelphia, Pa. Ready-mixed paints, varnishes, paint enamels, etc. 177,799; Dec. 25.

Wetherill, Samuel P., jr., Philadelphia, Pa. Gas-generating means. 170,498; July 17; Serial No. 170,848; published Apr. 17, 1923.

Wetmore, L. S., Company, The, Stockton, Calif. Grape juice. 173,305; Sept. 18; Serial No. 179,575; published June 19, 1923.

Wetterau, G. H., & Sons Grocer Company, St. Louis, Mo. Fruit preserves, jams, jelly, apple butter, sweet and sour pickles, etc. 171,235; July 31; Serial No. 170,736; published May 8, 1923.

Weva Company, Inc., The, New York, N. Y. Tooth cleaners, toothbrushes, toothpicks, and tongue scrapers. 164,883; Feb. 27.

Weymann, H. A., & Son, Inc., Philadelphia, Pa. Stringed musical instruments, parts, and strings therefor. 172,269–70; Aug. 28; Serial Nos. 177,534–5; published May 15, 1923.

Wheaco Cereal Corporation, Denver, Colo. Cereal breakfast foods, and wheat, pancake, and buckwheat flour. 176,691; Nov. 27; Serial No. 167,111; published July 31, 1923.

Wheaton, Hiram, & Sons, assignors to Hiram Wheaton & Sons, Inc., New Bedford, Mass. Carbonated beverages. 22,778; renewed Apr. 11, 1923.

Wheeler Manufacturing Co., Berkeley, Calif. Sport caps, rooters' caps, and college hats. 163,205; Jan. 2.

Wheeler, Osgood Company, The, Tacoma, Wash. Fir doors, moldings, veneered panels, plywood, etc. 175,831; Nov. 13; Serial No. 182,027; published Sept. 4, 1923.

Wheeler, W. B., Corporation (now by change of name The Flexideal Company, Inc.), New York, N. Y. Matrix or dry mat used in stereotyping and electroplating. 167,882; May 8; Serial No. 165,840; published Feb. 6, 1923.

Wheeler, W. B., Corporation (now by change of name The Flexideal Company, Inc.), New York, N. Y. Matrix or dry mat used in stereotyping and electroplating. 167,935; May 8; Serial No. 172,309; published Feb. 20, 1923.

Wheeler, Wm. B., Chicago, Ill. Ready-mixed, paste, semi-paste, and dry paints, varnishes, enamels, colors, etc. 168,477; May 22; Serial No. 168,232; published Feb. 20, 1923.

Wheeling Corrugating Company, Wheeling, W. Va. Gas heating stoves and portable baking ovens. 166,745; Apr. 10.

Wheeling Metal & Manufacturing Co., Wheeling and Moundsville, W. Va. Flat steel sheets for manufacturing skylight frames, roll roofing, etc. 167,971; May 8;

Whelan-Linck Co., Duluth, Minn. Desks, filing cabinets, davenports, chairs, etc. 176,774; Nov. 27.

Whinton Laboratories. (See Breon, George A.)

Whip-Lite Products Co., New York, N. Y. Edible preparation suitable for mixture with milk and cream in beating up these products into a frothy condition. 171,441; Aug. 7; Serial No. 160,840; published May 8, 1923.

Whippo Manufacturing Company, Quincy, Mass. Apparatus for beating eggs and like liquids. 176,867; Dec. 4; Serial No. 182,028; published Sept. 25, 1923.

Whitaker Paper Company, The, Baltimore, Md., and Cincinnati, Ohio. Wrapping paper. 176,393; Nov. 27; Serial No. 170,737; published Sept. 11, 1923.

Whitaker, Ralph W., New York, N. Y. Hair dressing. 168,051; May 15; Serial No. 169,837; published Feb. 6, 1923.

Whitcher, Frank W., Company, Portland, Me., and Boston, Mass. Fabricated box toes and box-toe material for use in boots and shoes. 169,195; June 12; Serial No. 169,882; published Mar. 13, 1923.

White, Almon J., Carrollton, Mo. Tonic compound for treating worms, etc., in hogs and other livestock. 176,022; Nov. 13; Serial No. 177,459; published July 31, 1923.

White Arrow Farms, Cheraw, S. C. Eggs. 170,933; July 24; Serial No. 161,398; published Mar. 27, 1923.

White & Bagley Company, The, Worcester, Mass. Lubricating oils and greases. 175,235; Oct. 30.

White Cap Battery Mfg. Co., Owensboro, Ky. Storage batteries. 172,330; Aug. 28; Serial No. 177,157; published May 29, 1923.

White Cedar Farm, Elwood, N. J. Poultry and eggs. 167,240; Apr. 24; Serial No. 159,333; published Dec. 19, 1922.

White Clover Butter Company, The, Denver, Colo. Butter. 163,646; Jan. 23.

White Company, The, Cleveland, Ohio. Toy vehicles. 175,642; Nov. 6; Serial No. 180,458; published Aug. 21, 1923.

White, Edward B., assignor to May White Steele, doing business as White's Neuralgia Remedy, Lancaster, Ohio. Remedy for neuralgia. 22,648; renewed Mar. 14, 1923.

White, H. C., Company, North Bennington, Vt. Three-wheeled vehicles for children. 164,384; Feb. 20.

White, H. C., Company, North Bennington, Vt. Two-wheeled propulsion devices for children. 164,755; Feb. 27.

White, H. C., Company, North Bennington, Vt. Three-wheeled mechanically propelled vehicles for children. 164,756; Feb. 27.

White, H. N., Company, The, Cleveland, Ohio. Trumpets, cornets, trombones, band and orchestra horns, etc. 165,363; Mar. 6; Serial No. 166,730; published Nov. 28, 1922.

White, J. J., Chicago, Ill. Face powders, creams, perfumes, toilet waters, etc. 173,105; Sept. 18; Serial No. 177,027; published June 12, 1923.

White, J. J., Chicago, Ill. Face powders, creams, perfumes, toilet waters, etc. 177,027; June 12.

White, James F., & Co., Inc., New York, N. Y. Cotton, woolen, and silk piece goods and combinations thereof. 171,788; Aug. 14; Serial No. 178,648; published May 22, 1923.

White, Joseph J., Inc., New Lisbon, N. J. Blueberry plants. 170,674; July 17; Serial No. 172,458; published Apr. 2, 1923.

White, Joseph J., Inc., New Lisbon, N. J. Fresh blueberries. 171,332; Aug. 7; Serial No. 172,457; published May 8, 1923.

White, Luella A., Buffalo, N. Y. Medicinal preparations for nervousness, anæmia, etc. 167,235; Apr. 24; Serial No. 161,215; published Sept. 19, 1922.

White Products Company, Chicago, Ill. Automobile windshield wipers. 174,786; Oct. 23; Serial No. 144,757; published July 24, 1923.

White, R. H., Company, Boston, Mass. Suits, coats, dresses, and waists, shoes. 169,714; June 26.

White, R., & Sons, Limited. (See Barclay & Co., assignor.)

White, R., & Sons, Limited. (See Kops Brewery, assignor.)

White, Ray B., doing business as The R. B. White Co., Bigwells, Tex. Wooden hampers. 176,596; Nov. 27; Serial No. 178,686; published Sept. 18, 1923.

White, Robert E., Absecon, N. J. Cement and concrete blocks, bricks, and building units. 174,598; Oct. 23; Serial No. 178,200; published July 17, 1923.

White Rock Mineral Spring Company, assignor to White Rock Mineral Springs Company, Waukesha, Wis. Mineral water, ginger ale, phosphate, ozonate, and carbonated beverages. 23,873; renewed Nov. 28, 1923.

White Rose Ice Cream and Frozen Custard Biscuit Company, The. (See Prestia, Frank.)

White Sewing Machine Company, Cleveland, Ohio. Sewing machines. 22,957; renewed May 2, 1923.

White, S. S., Dental Manufacturing Company, The, Philadelphia, Pa. Dental chairs. 164,420; Feb. 20.

White, S. S., Dental Manufacturing Company, The, Philadelphia, Pa. Orthodontic appliances. 171,437; Aug. 7; Serial No. 162,226; published May 15, 1923.

White, S. S., Dental Manufacturing Company, The, Philadelphia, Pa. Dental spotlights and lamps for the same. 174,610; Oct. 23; Serial No. 180,158; published July 24, 1923.

White-Stokes Company, Inc., Chicago, Ill. Confection for coating or covering for candy, biscuits, cakes, pastry, etc. 167,027; Apr. 24; Serial No. 161,812; published Jan. 30, 1923.

White Stokes Co. Inc., Chicago, Ill. Base or filler for candy. 175,737; Nov. 13; Serial No. 178,792; published Sept. 4, 1923.

White Stokes Co., Inc., Chicago, Ill. Semiprepared fondant and base in candy, ice cream, etc. 176,215; Nov. 20; Serial No. 178,791; published Aug. 28, 1923.

White Tar Company, The, New York, N. Y. Paper bags and chests. 171,585; Aug. 7; Serial No. 175,447; published May 22, 1923.

White Tar Company, The, New York, N. Y. Liquid insecticide. 176,303; Nov. 20; Serial No. 179,287; published July 31, 1923.

White, William J., Cleveland, Ohio. Chewing gum. 166,011; Mar. 27; Serial No. 162,703; published Oct. 24, 1922.

White & Wyckoff Manufacturing Company, Holyoke, Mass. Papeteries, writing and typewriting tablets, writing paper, and mailing envelopes. 167,158; Apr. 24; Serial No. 173,115; published Feb. 6, 1923.

White & Wyckoff Manufacturing Company, Holyoke, Mass. Papeteries, writing and typewriting tablets, writing paper, and mailing envelopes. 167,159; Apr. 24; Serial No. 173,117; published Feb. 6, 1923.

White & Wyckoff Manufacturing Company, Holyoke, Mass. Papeteries, writing and typewriting tablets, writing paper, and mailing envelopes. 167,160; Apr. 24; Serial No. 173,119; published Feb. 6, 1923.

White & Wyckoff Manufacturing Company, Holyoke, Mass. Papeteries, writing and typewriting tablets, writing paper, etc. 170,503; July 17; Serial No. 173,122; published Apr. 17, 1923.

White & Wyckoff Manufacturing Company, Holyoke, Mass. Papeteries, writing and typewriting tablets, writing paper, etc. 170,504; July 17; Serial No. 173,116; published Apr. 17, 1923.

White & Wyckoff Manufacturing Company, Holyoke, Mass. Papeteries, writing and typewriting tablets, writing paper, etc. 170,505–6; July 17; Serial Nos. 173,120–1; published Apr. 17, 1923.

White & Wyckoff Manufacturing Company, Holyoke, Mass. Papeteries, writing and typewriting tablets, writing paper, etc. 170,512; July 17; Serial No. 173,114; published Apr. 17, 1923.

White & Wyckoff Manufacturing Company, Holyoke, Mass. Papeteries, writing and typewriting tablets, writing paper, etc. 170,635; July 17; Serial No. 175,827; published Apr. 17, 1923.

White & Wyckoff Manufacturing Company, Holyoke, Mass. Papeteries, writing and typewriting tablets, writing paper, and mailing envelopes. 171,149; July 31; Serial No. 175,750; published May 1, 1923.

White & Wyckoff Manufacturing Company, Holyoke, Mass. Papeteries, tablets, writing paper, envelopes. 176,099; Nov. 13.

Whitehouse, George F., doing business as Vitality Publishing Company, Los Angeles, Calif. Monthly publication. 176,418; Nov. 27; Serial No. 180,997; published Sept. 11, 1923.

Whitehouse & Hardy, Inc., New York, N. Y. Shoes of leather, leather and fabrics, and leather and rubber. 163,262; Jan. 2.

Whitehouse & Hardy, Inc., New York, N. Y. Shoes. 164,019–20; Feb. 6.

Whitehouse & Hardy, Inc., New York, N. Y. Shoes of leather, leather and fabrics, and leather and rubber. 164,253; Feb. 13.

Whitehouse & Hardy, Inc., New York, N. Y. Dress and sport shoes. 170,428; July 17; Serial No. 171,972; published Apr. 10, 1923.

Whitehouse Products Co., Chicago, Ill. Compound for cleaning hands and the like. 171,877; Aug. 14; Serial No. 172,700; published May 1, 1923.

White House Products Co., Chicago, Ill. Compound for opening clogged pipes, traps, drains, etc. 170,451; July 17; Serial No. 172,305; published Apr. 10, 1923.

Whitely Exerciser Company, New York, N. Y. Punching-bag platforms and apparatus. 174,614; Oct. 23; Serial No. 179,121; published July 31, 1923.

White's Neuralgia Remedy. (See White, Edward B.)

Whiting & Davis Company, Plainville, Mass. Mesh bags. 163,418; Jan. 9.

Whiting & Davis Company, Plainville, Mass. Mesh bags comprised wholly or in part of metal that is not precious. 166,003; Mar. 27; Serial No. 168,661; published Nov. 7, 1922.

Whiting & Davis Company, Plainville, Mass. Mesh bags. 175,754; Nov. 13; Serial No. 168,662; published Aug. 7, 1923.

Whiting Manufacturing Company, Bridgeport, Conn. Silverware. 164,714; Feb. 27.

Whiting Paper Company, Holyoke, Mass. Writing and printing paper and envelopes. 170,347–8; July 10.

Whiting Paper Company, Holyoke, Mass. Writing and printing papers and mailing envelopes. 171,947; Aug. 14.

Whiting Paper Company, Holyoke, Mass. Writing paper and mailing envelopes. 171,983; Aug. 21; Serial No. 178,888; published May 22, 1923.

Whiting Paper Company, Holyoke, Mass. Writing papers, mailing envelopes, and printing papers. 174,237; Oct. 9; Serial No. 180,161; published July 3, 1923.

Whitinsville Spinning Ring Company, Whitinsville, Mass. Spinning and twister rings. 164,069; Feb. 13.

Whitley, Helen A., Chicago, Ill. Women's, children's, and infants' apparel. 164,793; Feb. 27.

Whitlock Coil Pipe Company, The, West Hartford, Conn. Water heaters. 168,486; May 22.

Whitlock Cordage Co., Jersey City, N. J., and New York, N. Y. Rope. 170,548; July 17; Serial No. 173,265; published Mar. 20, 1923.

Whitlock Cordage Co., Jersey City, N. J., and New York, N. Y. Manila rope. 173,647; Oct. 2; Serial No. 176,773; published June 26, 1923.

Whitman, Clarence, & Son, Inc., Katonah and New York, N. Y. Printed and piece-dyed silk and cotton and cotton fabrics. 173,411; Sept. 25; Serial No. 177,713; published June 26, 1923.

Whitman, Edmund B., doing business as Refinishing Products Co., Minneapolis, Minn. Liquid refinishing compound. 168,727; May 29; Serial No. 171,973; published Feb. 27, 1923.

Whitman & Keith Co., Brockton, Mass. Publication issued periodically. 169,074; June 5; Serial No. 170,852; published Feb. 27, 1923.

Whitman & Keith Co., Brockton, Mass. Boots and shoes. 169,518; June 19; Serial No. 172,311; published Mar. 27, 1923.

Whitman & Keith Co., Brockton, Mass. Boots and shoes. 171,894; Aug. 14; Serial No. 171,974; published May 8, 1923.

Whitman, Samuel, New York, N. Y. Ladies' hats. 172,114; Aug. 21; Serial No. 175,900; published May 22, 1923.

Whitman, Stephen F., & Son, Inc., Philadelphia, Pa. Chocolates. 165,824; Mar. 20; Serial No. 165,322; published Jan. 2, 1923.

Whitman, Stephen F., & Son, Incorporated, Philadelphia, Pa. Candies. 175,360; Nov. 6; Serial No. 177,642; published Aug. 14, 1923.

Whitman, Stephen F., & Son, Philadelphia, Pa. Instantaneous chocolate, marshmallow whip, flash chocolate, jiffy milk cocoa, etc. 176,126; Nov. 20; Serial No. 174,419; published Aug. 21, 1923.

Whitman, Ward & Lee Co., Boston, Mass. Fresh fish which have been subjected to a pickling. 175,856; Nov. 13; Serial No. 176,147; published July 17, 1923.

Whitmore, William A., Baltimore, Md. Liniment. 169,114; June 5.
Whitney Bearing Corporation, Chicago, Ill. Bearings. 163,667; Jan. 23.
Whitney, Henry A., Providence, R. I. Medicinal wafers for bronchial troubles. 175,637; Nov. 6; Serial No. 179,760; published Aug. 21, 1923.
Whitney, Henry A., doing business as The Vigorex Co., Woonsocket, R. I. Beverage and a sirup for making same. 177,263; Dec. 11; Serial No. 168,285; published Sept. 18, 1923.
Whitney, J. C., Company, Chicago, Ill. Tea. 166,710; Apr. 10; Serial No. 167,035; published Jan. 23, 1923.
Whitney Metal Tool Company, Rockford, Ill. Metal-punching tools and dies. 172,425; Aug. 28; Serial No. 175,586; published May 29, 1923.
Whitney, Vincent Company, San Francisco, Calif. Casement-window supports. 175,332; Nov. 6; Serial No. 180,091; published Aug. 14, 1923.
Whitt, Louella, Malvern, Iowa. Disinfectant. 174,856; Oct. 23; Serial No. 177,059; published July 31, 1923.
Whittall, M. J., Associates, Worcester, Mass. Wilton and plush carpets. 168,885; May 29; Serial No. 167,063; published Mar. 13, 1923.
Whittall, M. J., Associates, Worcester, Mass. Wilton and plush carpets. 171,465; Aug. 7; Serial No. 167,064; published May 15, 1923.
Whittall, M. J., Associates, Worcester, Mass. Wilton and plush carpets. 174,950; Oct. 30; Serial No. 167,065; published Aug. 14, 1923.
Whittemore Brothers Corporation, Cambridge, Mass. Shoe polish and leather dressings. 164,263; Feb. 13.
Whittemore Brothers Corporation, Cambridge, Mass. Shoe polish and leather dressings. 165,059; Mar. 6; Serial No. 166,516; published Dec. 19, 1922.
Whittemore Brothers Corporation, Cambridge, Mass. Dressing for cleaning and whitening white kid., etc., and all kinds of white leather and articles made therefrom. 176,772; Nov. 27.
Whittemore Brothers Corporation, Cambridge, Mass. Preparation for cleaning, etc., kid and calf leathers. 176,817; Nov. 27.
Whittier, Charles T., New York, N. Y. Baking powder. 175,503; Nov. 6; Serial No. 175,692; published Aug. 21, 1923.
Whittier, Fuller & Co., assignor to W. P. Fuller & Co., San Francisco, Calif. White lead. 23,919; renewed Dec. 12, 1923.
Wholesale Distributors Co., Chicago, Ill. Canned goods, chowchow, cider, olives, etc. 177,284; Dec. 11.
Wholesale Distributors Co., The, Chicago, Ill. Canned fruits and vegetables. 168,538; May 29; Serial No. 157,464; published May 23, 1922.
Whyte Commission Company, Pine Bluff, Ark. Stock, dairy, poultry, etc., feed and wheat flour. 170,813; July 24; Serial No. 169,107; published Mar. 27, 1923.
Whyte Commission Company, Pine Bluff, Ark. Stock, dairy, and poultry feed 170,939; July 24; Serial No. 169,110; published Mar. 20, 1923.
Whyte Commission Company, Pine Bluff, Ark. Stock feed. 171,012; July 31; Serial No. 169,108; published Mar. 27, 1923.
Whyte Commission Company, Pine Bluff, Ark. Stock, dairy, and poultry feed. 171,013; July 31; Serial No. 169,109; published Mar. 20, 1923.
Wiarda & Hall Acid Works, Inc., Brooklyn, N. Y. Heavy chemicals and acids. 169,794; July 3; Serial No. 169,106; published Mar. 20, 1923.
Wichert Inc., Brooklyn, N. Y. Boots, shoes, and slippers. 172,127; Aug. 21; Serial No. 174,806; published May 22, 1923.
Wichert, Inc., Brooklyn, N. Y. Leather and canvas shoes and slippers. 176,822–3; Nov. 27.
Wichita Eagle, The. (See Murdock, Victoria Estate.)
Wichita Fender Brace Company, The, Wichita Falls, Tex. Fender braces. 170,694; July 17.
Wichita Flour Mills Company, The, Wichita, Kans. Wheat flour. 165,148; Mar. 6; Serial No. 146,054; published Nov. 28, 1922.
Wichita Flour Mills Co., The, Wichita, Kans. Wheat flour. 167,203–4; Apr. 24; Serial Nos. 162,654–5; published Jan. 23, 1923.
Wickes Boiler Company, The, Saginaw, Mich. Steel boilers. 174,451; Oct. 16; Serial No. 162,860; published July 3, 1923.
Wickes, Wm. Wirt, & Son, New York, N. Y. Molasses. 175,110; Oct. 30; Serial No. 176,930; published Aug. 14, 1923.
Wickwire Spencer Steel Corporation, Worcester, Mass. Wire lathing and welded sheathing. 163,206; Jan. 2.
Wickwire Spencer Steel Corporation, Worcester, Mass. Galvanized-wire cloth. 166,403; Apr. 3; Serial No. 160,737; published Dec. 19, 1922.
Wiebusch, Charles, executor. (See estate of Frederick Wiebusch.)
Wiebusch, Katie, Kansas City, Mo. Tissue and nerve tonic. 165,513; Mar. 13; Serial No. 164,573; published Nov. 7, 1922.
Wiegand, Charles C., New York, N. Y. Preparations for rejuvenating the hair, preventing the hair falling out, etc. 167,296; Apr. 24.
Wiegand, William D., doing business as Bureau of Formulas, Baltimore, Md. Insecticide, deodorant, and disinfectant. 172,441; Aug. 28; Serial No. 171,395; published May 15, 1923.
Wiegel Candy Co., Tacoma, Wash. Candy. 169,968; July 10; Serial No. 164,017; published Apr. 10, 1923.
Wielands, Incorporated. (See San Francisco Breweries, Ltd., assignor.)
Wielands Incorporated, doing business as Frederickburg Brewing Company, San Francisco, Calif. Alcoholic malt or cereal beverages. 175,490; Nov. 6; Serial No. 177,942; published Aug. 21, 1923.
Wiener & Bieber, San Francisco, Calif. Candies. 163,419; Jan. 9.
Wiener Bros., New York, N. Y. Artificial pearls. 164,731; Feb. 27.
Wiener, Nathan, New York, N. Y. Underwear, brassières, bloomers, petticoats, etc. 175,104; Oct. 30; Serial No. 179,694; published Aug. 14, 1923.
Wigart, John, doing business as The Glirr Mfg. Co., Brooklyn, N. Y. Artificial minnows. 176,247; Nov. 20; Serial No. 182,946; published Sept. 11, 1923.
Wigder, Bernard, doing business as The Wigder Manufacturing Co., Newark, N. J. Manicure implements. 177,512; Dec. 18; Serial No. 159,341; published Oct. 2, 1923.
Wiggin, Henry, & Company Limited, Parade, Birmingham, England. Resistance wires of copper, nickel, iron, or of combinations or alloys of these metals. 170,090; July 10; Serial No. 170,345; published Apr. 17, 1923.
Wiggin, Henry, & Company Limited, Parade, Birmingham, England. Nickel-chrome-steel alloy. 170,284; July 10; Serial No. 172,709; published Apr. 17, 1923.
Wiggin, Henry, & Company Limited, Parade, Birmingham, England. Nickel-chrome alloy. 170,285; July 10; Serial No. 172,706; published Apr. 17, 1923.
Wiggin, J. F., doing business as Kyograph Photo System, New York. N. Y. Photographs. 169,738; June 26.
Wiggin, J. F., doing business as Kyograph Photo System, New York, N. Y. Photographs. 174,958; Oct. 30; Serial No. 162,154; published Aug. 7, 1923.
Wightman & Hough Company, Providence, R. I. Cigarette, cigar, match, spectacle, eyeglass, and vanity cases. 171,278; July 31.
Wightman, Richard, Saybrook, Conn. Section of a monthly publication. 165,173; Mar. 6; Serial No. 130,306; published Nov. 14, 1922.
Wilber, M., Dyer Company, The, New York, N. Y. Pyjamas. 174,212; Oct. 9; Serial No. 179,463; published July 10, 1923.
Wilbur, H. O., & Sons, Inc., Philadelphia, Pa. Chocolate coating. 165,650; Mar. 13.
Wilcot (Parent) Co. Ltd., London, England. Covers for motor-car and other vehicle springs. 165,971; Mar. 27; Serial No. 160,375; published Oct. 17, 1922.
Wilcox, M. I., Company, The, Toledo, Ohio. Waterproof duck awnings, tents, and canvas covers. 165,397; Mar. 6; Serial No. 157,196; published Dec. 5, 1922.
Wilcox Motor Parts & Manufacturing Company, Saginaw, Mich. Tappets and poppet valves for explosion engines. 171,569; Aug. 7; Serial No. 173,546; published May 1, 1923.
Wilcox, W. J., Lard and Refining Company, The, Guttenberg, N. J., and New York, N. Y., assignor to The American Cotton Oil Company, New York, N. Y. Lard and its substitutes. 22,211; renewed Dec. 20, 1922.
Wilcox, W. J., Lard and Refining Company, The, assignor to The American Cotton Oil Company, Guttenberg, N. J., and New York, N. Y. Hog lard and oil. 23,943; renewed Dec. 26, 1923.
Wilder & Company, Chicago, Ill. Sole leather. 171,678; Aug. 7.
Wilder & Jacobs, Boston, Mass. Processed coffee. 173,268; Sept. 18; Serial No. 175,045; published June 19, 1923.
Wilder, Mae E., Rochester, N. Y. Cold cream. 165,704; Mar. 20; Serial No. 168,537; published Dec. 26, 1922.
Wilder-Pike Thermometer Company, Inc., Troy, N. Y. Thermometers. 171,802; Aug. 14; Serial No. 176,702; published May 1, 1923.
Wildes, Alice S., doing business as Alys, New York, N. Y. Cigarettes. 173,627; Oct. 2; Serial No. 164,210; published June 27, 1922.
Wile, E. J., & Co., New York, N. Y. Woolen piece goods. 166,285; Mar. 27.
Wile, E. J., & Co., New York, N. Y. Coats and suits. 168,003; May 8.
Wile, E. J., & Co., New York, N. Y. Woolen piece goods. 177,156; Dec. 11; Serial No. 181,926; published Sept. 11, 1923.
Wile, Frederic W., Washington, D. C. Title for a newspaper column. 175,028; Oct. 30; Serial No. 179,076; published Aug. 7, 1923.
Wile, Julius, Sons & Co., New York, N. Y. Vinaigrette sauce for seasoning salads, vegetables, fish, meats, etc. 166,262; Mar. 27; Serial No. 165,105; published Dec. 19, 1922.
Wile, Julius, Sons & Co., New York, N. Y. Oilcloth. 170,054; July 10; Serial No. 175,829; published Apr. 3, 1923.

Wile, Julius, Sons, & Co., New York, N. Y. Tooth paste, cold cream, talcum powder, and perfume. 173,509; Sept. 25; Serial No. 175,828; published June 26, 1923.
Wile, M., & Co., Buffalo, N. Y. Monthly publication. 171,772; Aug. 14; Serial No. 173,547; published May 1, 1923.
Wilensky, S., London, England. Needles or styli for phonographs. 170,530; July 17; Serial No. 174,225; published Feb. 20, 1923.
Wilhelm, Henry, Company, Pittsburgh, Pa. Sheet glue. 172,056–7; Aug. 21; Serial No. 178,319–20; published May 29, 1923.
Wilhelm Oil Company, St. Paul, Minn. Insecticides. 176,370; Nov. 20.
Wilkens, C., Company, New York, N. Y. Mayonnaise dressing. 170,913; July 24; Serial No. 138,247; published Dec. 12, 1922.
Wilkin & Adler, Inc., New York, N. Y. Camels'-hair cloth in the piece. 165,743; Mar. 20; Serial No. 171,717; published Jan. 2, 1923.
Wilkin & Adler, Inc., New York, N. Y. Camel's-hair cloth in the piece. 168,152; May 15; Serial No. 172,710; published Feb. 13, 1923.
Wilkin & Adler, Inc., New York, N. Y. Ladies' coats and suits. 173,654; Oct. 2; Serial No. 176,519; published June 19, 1923.
Wilkes & Seaman Co., Lousiville, Ky. Pie filling, meringue powder, and jell for making desserts. 164,987; Feb. 27.
Wilkins, E. J., Co., Gloversville, N. Y. Coin purses, pocketbooks, and bags, roll-ups, etc. 173,402; Sept. 25; Serial No. 175,448; published June 19, 1923.
Wilkinson Bros. & Co. Inc., New York, N. Y. Cigarette paper and cigarette tubes made of paper. 166,114; Mar. 27; Serial No. 150,790; published Dec. 12, 1922.
Will & Baumer Candle Co., Inc., Syracuse, N. Y. Stearic acid. 175,103; Oct. 30; Serial No. 179,695; published Aug. 7, 1923.
Willamette Valley Canneries, Inc., Portland, Oreg. Canned fruits and vegetables. 169,981; July 10; Serial No. 167,443; published Apr. 10, 1923.
Willamette Valley Canneries, Inc., Portland, Oreg. Canned fruits and vegetables. 173,510; Sept. 25.
Willard Storage Battery Company, Cleveland, Ohio. Storage batteries and parts thereof. 170,915; July 24; Serial No. 166,757; published Apr. 24, 1923.
Willat, Arnold F., doing business as Everplay Needle Co., San Francisco, Calif. Phonograph needles. 166,534; Apr. 10; Serial No. 163,205; published Dec. 26, 1922.
Willats, Marietta B., doing business as Dolly Varden Co., Los Angeles, Calif. Bath balm, hair pomade, sachets, beautifiers, etc. 169,618; June 26; Serial No. 172,628; published Mar. 6, 1923.
Willcox & Gibbs Sewing Machine Company, New York, N. Y. Hosiery and underwear. 23,194; renewed June 13, 1923.
Willette Products Incorporated, Long Island City, N. Y. Toilet preparations. 164,419; Feb. 20.
Williams, Arthur A., doing business as Arthur Williams Shoe Company, Holliston, Mass. Leather used in manufacturing and repairing shoes. 174,571; Oct. 23; Serial No. 178,421; published July 17, 1923.
Williams, August, Perth Amboy, N. J. Candy. 175,093; Oct. 30; Serial No. 179,980; published Aug. 7, 1923.
Williams Bros. Aircraft Corporation, San Francisco, Calif. Motor-vehicle accelerator. 173,687; Oct. 2; Serial No. 177,579; published June 12, 1923.
Williams Bros. Aircraft Corporation, San Francisco, Calif. Motor-vehicle accelerators. 177,579; June 12.
Williams, Charles E., Akron, Ohio. Washboards. 176,787; Nov. 27.
Williams Company, The, London, Ohio. Metal wool for cleansing, polishing, and scouring. 167,651; May 8; Serial No. 168,283; published Dec. 26, 1922.
Williams, D. S., doing business as Williams Brothers & Company, Wilkes-Barre, Pa. Canned vegetables, canned milk, catchup, flavoring extracts, and mincemeat. 172,640; Sept. 11; Serial No. 161,077; published May 1, 1923.
Williams, D. T., Valve Company, The, Cincinnati, Ohio. Valves. 168,945–6; May 29; Serial Nos. 172,567–8; published Mar. 6, 1923.
Williams, Davis, Brooks & Co., assignor to Dabrooks' Perfume Company, Detroit, Mich. Perfumes. 23,223; renewed June 20, 1923.
Williams, F. Graham, Brick Co., Inc., Atlanta, Ga. Bricks. 167,425; May 1; Serial No. 166,585; published Dec. 19, 1922.
Williams, Frank C., Inc., doing busines as Frank C. Williams, Easton, Pa. Wheat flour. 170,949; July 24; Serial No. 167,277; published Apr. 3, 1923.
Williams Food Co., San Francisco, Calif. Pickles, catchup, tomato paste, vinegar, mustard, etc. 167,053; Apr. 24; Serial No. 161,603; published Feb. 6, 1923.
Williams, J. B., Company, The, Glastonbury, Conn. Shaving soap. 165,883; Mar. 20.
Williams, J. B., Company, The, Glastonbury, Conn. Preparation for the hair and beard. 167,906; May 8; Serial No. 168,952; published Jan. 30, 1923.
Williams, J. B., Company, The, Glastonbury, Conn. Shaving sticks. 169,108; June 5.
Williams, J. B., Company, The, Glastonbury, Conn. Cleansing and polishing powder. 173,547; Sept. 25.
Williams, J. B., Company, The, Glastonbury, Conn. Soap. 177,510; Dec. 18; Serial No. 162,790; published Sept. 25, 1923.
Williams, J. D., Inc., Brooklyn, N. Y. Raw skins and furs. 163,207; Jan. 2.
Williams, J. H., & Co., Brooklyn, N. Y. Pipe wrenches. 168,223; May 15; Serial No. 172,249; published Feb. 20, 1923.
Williams, J. S., doing business as The Williams Stained Shingle Co., Vancouver, Wash. Stained wooden shingles. 175,158; Oct. 30; Serial No. 180,916; published Aug. 7, 1923.
Williams, Jesse A., Baltimore, Md. Ironing boards. 163,681; Jan. 23.
Williams, Jno. G., Widener, Ark. Medicinal preparation in the nature of a purgative and liver medicine. 170,104; July 10; Serial No. 168,626; published Apr. 10, 1923.
Williams Manufacturing Company, The, Portsmouth, Ohio. Leather putties. 176,877; Dec. 4; Serial No. 181,799; published Sept. 11, 1923.
Williams, Martin & Gray, Inc., also doing business as Seaboard Chemical Company, Norfolk, Va. Insecticide. 175,634; Nov. 6; Serial No. 179,909; published Aug. 21, 1923.
Williams, Maurice M., doing business as Glendale Chemical Company, Dallas, Tex. Automobile polish. 166,469; Apr. 3; Serial No. 168,660; published Nov. 7, 1922.
Williams Patent Crusher & Pulverizer Co., St. Louis, Mo. Metal catchers and like machines for feed grinders. 165,033; Feb. 27.
Williams, Percy, Los Angeles, Calif. Photographic enlargement easels. 167,148; Apr. 24; Serial No. 152,973; published Jan. 30, 1923.
Williams, Percy B. T., Philadelphia, Pa. Toothbrushes. 170,168–9; July 10; Serial Nos. 176,389–90; published Apr. 17, 1923.
Williams, Percy B. T., Philadelphia, Pa. Toothbrushes. 170,309; July 10; Serial No. 176,391; published Apr. 17, 1923.
Williams, Percy B. T., Philadelphia, Pa. Toothbrushes. 170,353; July 10.
Williams-Richardson Company, Ltd., New Orleans, La. Hosiery, underwear, and shirts. 177,008; Dec. 11; Serial No. 149,881; published Aug. 7, 1923.
Williams & Robechaud, Milwaukee, Wis. Auto locks. 174,181; Oct. 9; Serial No. 180,570; published July 10, 1923.
Williams, Thomas S., Republic, Wash. Preparation for the removal of dandruff and the treatment of scalp and skin diseases. 174,415; Oct. 16; Serial No. 179,636; published July 17, 1923.
Williams, Violet V., Berkeley, Calif. Hair tonic. 168,406; May 22; Serial No. 171,438; published Feb. 20, 1923.
Williams and Wagner, Beloit, Wis. Shoulder or body brace. 168,029; May 8.
Williams, William J., assignor to The Helsbels Company, a trust estate, Chicago, Ill. Electric alarm and signal devices for automobiles and motor trucks. 174,979; Oct. 30; Serial No. 148,469; published Feb. 20, 1923.
Williamson, F. A., Manufacturing Company, Limited, Ottawa, Canada. Washing tablets. 167,311; Apr. 24.
Williamson, Harriet, assignor to H. Williamson, Braidwood, Ill. Confections. 22,632; renewed Mar. 14, 1923.
Williamson, Harry. (See Williamson, Harriet, assignor.)
Williamson Heater Company, The, Cincinnati, Ohio. Heated-cabinet laundry driers. 169,313; June 12; Serial No. 169,461; published Feb. 27, 1923.
Williamson Heater Company, The, Cincinnati, Ohio. Heated cabinet laundry driers. 177,667; Dec. 25; Serial No. 180,821; published Oct. 9, 1923.
Williamson Heater Company, The, Cincinnati, Ohio. Heated cabinet laundry driers. 177,672; Dec. 25; Serial No. 180,730; published Oct. 9, 1923.
Williamson, Homer J., Indianapolis, Ind. Candies. 166,929; Apr. 17; Serial No. 167,857; published Feb. 6, 1923.
Williamson, Jas., & Son. (See Lyon, Hall & Co., assignor.)
Williamsport Leather Goods Company, Williamsport, Pa. Gun and rifle cases, revolver and pistol holders, and belts. 169,536; June 19; Serial No. 168,396; published Mar. 20, 1923.
Williamsport Wire Rope Distributing Company, Houston, Tex., and Tulsa, Okla. Wire rope. 166,472; Apr. 3; Serial No. 167,746; published Jan. 9, 1923.
Willis Norton & Co., North Topeka, Kans. Wheat flour. 177,498; Dec. 18; Serial No. 182,325; published Oct. 2, 1923.
Williston, Laddie A., doing business as Mrs. T. A. Williston, Oakland, Calif. Cosmetics. 167,431; May 1; Serial No. 163,659; published Dec. 26, 1922.
Williston, Mrs. T. A. (See Williston, Laddie A.)
Willits, Henry M., Incorporated, Birdsboro, Pa. Children's shoes. 176,331; Nov. 20.
Willow Weaving Co., Inc., New York, N. Y. Neckties, knitted and woven neckties, cravats, and mufflers. 169,129; June 5.
Willow Weaving Co. Inc., New York, N. Y. Cravats. 174,416; Oct. 16; Serial No. 179,576; published July 17, 1923.

Willowbrook Chemical Works, Los Angeles, Calif. Lubricating oil. 176,045; Nov. 13; Serial No. 180,459; published Sept. 4, 1923.

Willows, Francis, Butler & Thompson, Limited, London, England, and The Plains, Va. Remedy for worms in dogs. 172,594; Sept. 11; Serial No. 167,113; published May 29, 1923.

Wills, George, and Sons, Ltd., London, England, and San Francisco, Calif. Canned fruits. 169,396; June 12; Serial No. 163,721; published Mar. 27, 1923.

Wills, George, and Sons, Ltd., London, England, and San Francisco, Calif. Canned fruits, vegetables, fish, and jam. 169,398; June 12; Serial No. 163,159; published Mar. 27, 1923.

Wills, George, and Sons, Ltd., London, England, and San Francisco, Calif. Hosiery. 169,967; July 10; Serial No. 163,722; published Apr. 3, 1923.

Wills, George, and Sons, Ltd., London, England, and San Francisco, Calif. Turpentine substitute. 173,429; Sept. 25; Serial No. 163,160; published June 26, 1923.

Wills, Norman L., New York, N. Y. Preparation for washing clothes and a household cleaner for washing woodwork, etc. 167,920; May 8; Serial No. 169,341; published Jan. 2, 1923.

Willson Goggles, Inc., Reading, Pa. Respirators and inhalers. 164,347; Feb. 20.

Willson Goggles, Inc., Reading, Pa. Lenses for goggles and protection glasses. 174,105; Oct. 2; Serial No. 160,734; published July 4, 1922.

Willson Goggles, Inc., Reading, Pa. Ophthalmic mountings and parts thereof. 174,417; Oct. 16; Serial No. 180,403; published July 17, 1923.

Wilmot, Julius C., doing business as Stayshyn Co., Milton, Mass. Preparation for polishing and cleaning automobiles, pianos, etc. 167,073; Apr. 24; Serial No. 172,139; published Jan. 9, 1923.

Wilshire Oil Co., Inc., Los Angeles, Calif. Petroleum products. 164,498; Feb. 20.

Wilson & Bennett Mfg. Company, Chicago, Ill. Galvanized black iron and sheet-iron container. 163,420; Jan. 9.

Wilson, B. O. & G. C., Inc., Boston, Mass. Remedy to assuage inflammation. 165,707; Mar. 20; Serial No. 168,397; published Dec. 26, 1922.

Wilson Brothers, Chicago, Ill. Handkerchiefs. 163,902; Feb. 6.

Wilson Brothers, Chicago, Ill. Men's dress and negligee shirts, pyjamas, and underwear of textile fabric. 171,242; July 31; Serial No. 170,320; published May 8, 1923.

Wilson Brothers, Chicago, Ill. Hosiery. 174,350; Oct. 16; Serial No. 135,121; published July 17, 1923.

Wilson, C. F., Wichita, Kans. Salve for the treatment of cuts, bruises, wounds, and sores. 165,530; Mar. 13; Serial No. 158,068; published Jan. 2, 1923.

Wilson, Francis M., Williamstown, Mass. Apples, plums, cherries, grapes, pears, and peaches in their natural state. 168,359; May 22; Serial No. 165,470; published Feb. 20, 1923.

Wilson & Glenny, Ltd., Hawick, Scotland. Cloths and stuffs of wool, worsted, or hair, vestings, cotton and linen cloths. 167,485; May 1; Serial No. 159,910; published Feb. 20, 1923.

Wilson & Glenny, Ltd., Hawick, Scotland. Men's overcoats, suits, caps, shirts, collars, and shoes of leather, rubber, etc. 168,125; May 15; Serial No. 159,909; published Feb. 27, 1923.

Wilson, G. N. W., Tacoma, Wash. Razor strops. 171,304; Aug. 7; Serial No. 164,684; published Apr. 24, 1923.

Wilson, Hallie, Emporia, Kans. Preparation for use in the treatment of chicken cholera. 164,490; Feb. 20.

Wilson-Imperial Company, Newark, N. J. Liquid for cleaning fabrics. 171,853; Aug. 14; Serial No. 170,850; published May 1, 1923.

Wilson, John M., doing business as Meridian Grain & Elevator Company, Meridian, Miss. Dairy, scratch, horse and mule, and hog feed. 165,381; Mar. 6; Serial No. 159,906; published Nov. 7, 1922.

Wilson, John M., doing business as Meridian Grain & Elevator Company. Meridian, Miss. Scratch, dairy, hog, horse, and mule feed. 171,754; Aug. 14; Serial No. 163,301; published Mar. 27, 1923.

Wilson, John M., doing business as Meridian Grain & Elevator Company, Meridian, Miss. Horse and mule feed, ox, hog, scratch, and dairy feed. 173,492; Sept. 25; Serial No. 175,536; published June 19, 1923.

Wilson, John M., doing business as Meridian Grain & Elevator Company, Meridian, Miss. Horse, mule, hog, dairy, ox, and scratch feeds. 176,600; Nov. 27; Serial No. 178,649; published Sept. 11, 1923.

Wilson, John M., San Diego, Calif. Dental anæsthetic. 173,051; Sept. 11; Serial No. 176,775; published June 12, 1923.

Wilson, John M., San Diego, Calif. Dental anæsthetic. 176,775; June 12.

Wilson-Jones Loose Leaf Company, Chicago, Ill. Loose-leaf notebooks. 166,276; Mar. 27; Serial No. 170,457; published Dec. 5, 1922.

Wilson, Kathryn S., Seattle, Wash. Paper and wooden toys. 169,279; June 12; Serial No. 141,639; published Feb. 20, 1923.

Wilson, M. D., Dunning S. French Lick, Ind. Bread. 172,831; Sept. 11; Serial No. 165,050; published May 8, 1923.

Wilson, Marie L., Atlantic City, N. J. Corn salve. 169,972; July 10; Serial No. 165,251; published Apr. 10, 1923.

Wilson Tea Co., Inc., Seattle, Wash. Coffee. 174,602; Oct. 23; Serial No. 177,885; published July 24, 1923.

Wilson Tea Co., Seattle, Wash. Tea. 177,730–1; Dec. 25; Serial Nos. 176,053–4; published Aug. 28, 1923.

Wilson, Thos. E., & Co., Chicago, Ill. Athletic outfits. 167,030; Apr. 24; Serial No. 170,169; published Jan. 30, 1923.

Wilson, Thos. E., & Co., Chicago, Ill. Athletic outfits. 167,049; Apr. 24; Serial No. 170,170; published Jan. 30, 1923.

Wilson, W. D., Printing Ink Co. Ltd., New York, N. Y. Printing and lithographing inks. 169,005; May 29.

Wilson, Wade H., doing business as Scat Chemical Company, Jacksonville, Fla. Medicinal preparation for the treatment of the nerves, kidneys, etc. 172,982; Sept. 11; Serial No. 174,116; published June 12, 1923.

Wilson, Wade H., doing business as Scat Chemical Company, Jacksonville, Fla. Medicinal preparation for the treatment of the nerves, kidneys, etc. 174,116; June 12.

Wilson Welder & Metals Company, Inc., New York, N. Y. Electric welding machines, cables, resistance units, etc. 174,790; Oct. 23; Serial No. 118,198; published July 10, 1923.

Wilson Welder & Metals Company, Inc., New York, N. Y. Welding metals. 177,828; Dec. 25.

Wilsonville Roller Mills. (See Laux, John.)

Wilton Manufacturing Company, Inc., New York, N. Y. Cotton piece goods. 171,619; Aug. 7; Serial No. 177,718; published May 15, 1923.

Wilton Manufacturing Company, Inc., New York, N. Y. Cotton piece goods. 172,907–8; Sept. 11; Serial No. 179,288–9; published June 5, 1923.

Wilton Manufacturing Company, Inc., New York, N. Y. Cotton piece goods. 173,361; Sept. 25; Serial No. 180,039; published July 3, 1923.

Wilton Manufacturing Company, Inc., New York, N. Y. Cotton piece goods. 174,091; Oct. 2; Serial No. 180,038; published July 3, 1923.

Wilton Manufacturing Company, Inc., New York, N. Y. Cotton piece goods. 174,655; Oct. 23; Serial No. 181,507; published Aug. 7, 1923.

Wilton Manufacturing Company, Inc., New York, N. Y. Cotton piece goods. 177,080; Dec. 11; Serial No. 183,786; published Sept. 18, 1923.

Wilton Manufacturing Company, Inc., New York, N. Y. Cotton piece goods. 177,480; Dec. 18; Serial No. 183,787; published Sept. 18, 1923.

Wilton-Plantz Candy Company, The, Valdosta, Ga. Manufactured candy with nuts into a "nut bar." 171,204; July 31; Serial No. 154,540; published May 1, 1923.

Willys-Overland Company, The, Toledo, Ohio. Pneumatic tires for motor-driven vehicles. 169,131; June 12; Serial No. 123,149; published Feb. 27, 1923.

Wimberley Grocer Co., Jonesboro, Ark. Rolled oats. 167,123; Apr. 24; Serial No. 164,984; published Dec. 19, 1922.

Wimelbacher & Rice, New York, N. Y. Fabric gloves. 169,422; June 12.

Wimpfheimer, Lloyd A., New York, N. Y. Golf balls. 167,171; Apr. 24; Serial No. 171,776; published Jan. 30, 1923.

Winarick, Arthur, New York, N. Y. Face powders, face creams, perfumes, toilet waters, rouges, etc. 168,573; May 29; Serial No. 167,153; published Feb. 13, 1923.

Winarick, Arthur, New York, N. Y. Face powders, face creams, perfumes, etc. 174,052; Oct. 2; Serial No. 177,720; published July 10, 1923.

Winberg, W. Wm., trading as The Winberg Druggists Supply Co., Wilmette, Ill. Membrane antiseptic. 176,192; Nov. 20; Serial No. 145,381; published Aug. 1, 1922.

Winchell, M. M., Co., Pasadena, Calif. Preparation for the treatment of piles. 175,643; Nov. 6; Serial No. 180,093; published Aug. 28, 1923.

Winchell, M. M., Co., Pasadena, Calif. Corn salve. 177,057; Dec. 11; Serial No. 180,092; published Sept. 11, 1923.

Winchester Company, The, New Haven, Conn. Golf bags. 171,152; July 31; Serial No. 176,055; published Apr. 24, 1923.

Winchester Repeating Arms Co., New Haven, Conn. Handled axes, hatchets, hammers, screw drivers, and chisels. 168,891; May 29; Serial No. 169,512; published Mar. 6, 1923.

Winchester Repeating Arms Co., New Haven, Conn. Pocketknives. 170,780; July 24; Serial No. 175,693; published May 29, 1923.

Winchester Repeating Arms Co., New Haven, Conn. Soft-tone flat wall paint, colors in oil, zinc paste, etc. 176,385; Nov. 27; Serial No. 175,751; published Sept. 11, 1923.

Wincroft Stove Works, Middletown, Pa. Gas ranges. 175,847; Nov. 13; Serial No. 180,636; published Sept. 4, 1923.

Windmill Food Products Company, New York, N. Y. French dressing. 177,652; Dec. 25; Serial No. 170,171; published Apr. 17, 1923.
Wineberg Pure Beverage Company. (See Spurgeon, Mathias O.)
Winfield Manufacturing Company, The, Warren, Ohio. Sheet-metal cans for coal oil and gasoline. 168,588; May 29; Serial No. 164,139; published Mar. 13, 1923.
Wing Lee Wai Company, San Francisco, Calif. Medicinal herb preparation used as a general tonic. 169,852; July 3; Serial No. 172,304; published Mar. 6, 1923.
Wing Lee Wai Company, San Francisco, Calif. Medicinal herb preparation used as a general tonic. 172,451; Aug. 28; Serial No. 172,364; published May 15, 1923.
Wing Lee Wai Company, San Francisco, Calif. Medicinal herb preparation used as a general tonic. 172,454–5; Aug. 28; Serial Nos. 172,569–70; published May 15, 1923.
Wingen, Anton, jr., Solingen, Germany. Razors and scissors. 168,126; May 15; Serial No. 160,169; published Feb. 27, 1923.
Winger, Edgar, Cleveland, Ohio. Antitoxins, antiseptics, astringents, diuretics, etc. 171,968; Aug. 14.
Winkler-Reichmann Co., Chicago, Ill. Radio receivers and concert horns. 164,645; Feb. 27.
Winorr Canning Company, The, Circleville, Ohio. Canned vegetables. 175,435; Nov. 6; Serial No. 180,917; published Aug. 21, 1923.
Winslow Boiler & Engineering Co., Chicago, Ill. Heat-generating plants comprising oil tanks, motors, fans, etc. 169,146; June 12; Serial No. 158,025; published Feb. 27, 1923.
Winslow Carmi, doing business as Mutual Products Company, Minneapolis, Minn. Stock food. 170,889; July 24; Serial No. 160,376; published Mar. 20, 1923.
Winslow, Samuel, Skate Mfg. Co., The, Worcester, Mass. Ice skates. 172,315; Aug. 28; Serial No. 175,975; published May 29, 1923.
Winsted Chemical Company, Winsted, Minn. Antisweat solution for perspiring feet. 165,430; Mar. 13; Serial No. 165,906; published Nov. 7, 1922.
Winston, Harper, Fisher Company, Minneapolis, Minn. Canned oysters, salmon, sardines, apricots, etc. 177,020; Dec. 11; Serial No. 166,120; published Aug. 7, 1923.
Winston, John C., Co., The, Philadelphia, Pa. Printed books issued in continuing series. 167,618; May 1; Serial No. 136,863; published Jan. 2, 1923.
Winter, Charles A., doing business as Duds Co., New York, N. Y. Washing compounds. 168,420; May 22; Serial No. 172,500; published Feb. 20, 1923.
Winter Machine Company, Pawtucket, R. I. Refrigerating and ice-making apparatus. 169,995; July 10; Serial No. 145,864; published Apr. 3, 1923.
Winters Canning Company, Suisun City, Calif. Canned fruits and vegetables. 168,591; May 29; Serial No. 164,570; published Mar. 6, 1923.
Winthrop Chemical Co. (See Farbenfabriken vormals Fr. Bayer & Co., assignor.)
Wire Wheel Corporation of America, Buffalo, N. Y. Metal disk for motor vehicles and parts thereof. 174,434; Oct. 16; Serial No. 178,793; published July 17, 1923.
Wireless Specialty Apparatus Company, New York, N. Y., and Boston, Mass. Electrical condensers. 167,067; Apr. 24; Serial No. 158,693; published May 9, 1922.
Wireless Spitzescope Co., The, San Francisco, Calif. Apparatus for determining by return vibration the distance between two objects. 175,054; Oct. 30; Serial No. 179,290; published Aug. 14, 1923.
Wirfs, Edward J., St. Louis, Mo. Weather strips. 169,342; June 12; Serial No. 170,230; published Mar. 27, 1923.
Wirth-Concordade Company, Providence, R. I. Grape juice. 166,837; Apr. 17; Serial No. 169,662; published Jan. 20, 1923.
Wisconsin Candy Co., Plymouth, Wis. Chocolates. 168,659; May 29; Serial No. 155,654; published Feb. 27, 1923.
Wisconsin Macaroni Company, Chicago, Ill. Alimentary paste products—namely, macaroni, spaghetti, vermicelli, and noodles. 164,975; Feb. 27.
Wisconsin Rubber Mills Co. (See La Crosse Rubber Mills Co.)
Wise, Leo, Cincinnati, Ohio. Tools adapted for general use. 168,671; May 29; Serial No. 151,968; published Feb. 27, 1923.
Wise-McClung Manufacturing Company, The, New Philadelphia, Ohio. Electric suction cleaner. 174,299; Oct. 9.
Wiseman, Carl M., Louisville, Ky. Finger ring and magnifying glasses. 173,898; Oct. 2; Serial No. 176,520; published July 3, 1923.
Wiseo Co., The. (See Hughes, Clement L.)
Wish, Fred A., Incorporated, New York, N. Y. Stationery. 174,229; Oct. 9; Serial No. 180,641; published July 10, 1923.
Wish, Fred A., Incorporated, New York, N. Y. Metal and paper fancy containers and boxes. 174,230; Oct. 9; Serial No. 180,638; published July 3, 1923.
Wish, Fred A., Incorporated, New York, N. Y. Hosiery, sleeping garments, bibs, and aprons. 174,583; Oct. 23; Serial No. 180,642; published July 24, 1923.
Wish, Fred A., Incorporated, New York, N. Y. Bath soap. 174,806; Oct. 23; Serial No. 180,639; published July 24, 1923.
Wish, Fred A., Incorporated, New York, N. Y. Rubber balloons and inflated balls, toy and doll furniture, etc. 175,647; Nov. 6; Serial No. 180,640; published Aug. 21, 1923.
Wish, Fred A., Incorporated, New York, N. Y. Handkerchiefs and cotton goods in the piece. 177,615; Dec. 25; Serial No. 182,636; published Oct. 9, 1923.
Witchell-Sheill Company, Detroit, Mich. Leather shoes. 163,208; Jan. 2.
Witcherie Laboratory. (See Forgey, Charles L.)
Witcombe, McGeachin & Co., New York, N. Y. Printed textile fabrics. 175,240; Oct. 30.
Withers Brothers, Los Angeles, Calif. Fresh vegetables, deciduous and citrous fruits, etc. 168,648; May 29; Serial No. 165,735; published Mar. 6, 1923.
Witman, Frank R., doing business as Frank R. Witman Phonograph Supply Company, Putnam, Conn. Phonograph accessories. 170,817; July 24; Serial No. 170,964; published Apr. 24, 1923.
Witmark, M., & Sons, New York, N. Y. Sheet music. 173,720; Oct. 2; Serial No. 179,122; published June 26, 1923.
Witt, John A., doing business as Wittfield Mfg. Co., Los Angles, Calif. Sewing boxes and tailor traps. 168,608; May 29; Serial No. 168,818; published Feb. 27, 1923.
Wittenberg, Armin H., doing business as Mission Hosiery Mills, Los Angeles, Calif. Hosiery, sweaters, and knitted underwear. 173,372; Sept. 25; Serial No. 178,321; published July 10, 1923.
Wittfield Mfg. Co. (See Witt, John A.)
Wittnauer, A., Co., New York, N. Y. Watches. 174,651; Oct. 23; Serial No. 181,327; published July 24, 1923.
Wizard Automobile Company, Charlotte, N. C. Automobiles. 163,906; Feb. 6.
Wizard Lightfoot Appliance Company, St. Louis, Mo. Zinc-oxide pads. 174,399; Oct. 16; Serial No. 178,322; published July 10, 1923.
Wizard Products Company, Chicago, Ill. Twisted-wire brushes. 175,401; Nov. 6; Serial No. 164,682; published Aug. 21, 1923.
Wodicska, Louise, doing business as Ex Pito Manufacturing Company, New York, N. Y. Preparation for the treatment of piles. 171,093; July 31; Serial No. 173,616; published May 8, 1923.
Wohlfarth & Koos Co. Inc., Newark, N. J. Furniture and house-furnishing goods. 177,812; Dec. 25.
Wojciechowski, Floryan P., doing business as O-Ko Remedy Products Co., Toledo, Ohio. Ointment, liniment, and cough sirup. 175,652; Nov. 6; Serial No. 181,328; published Aug. 14, 1923.
Wojciechowski, Roman H., doing business as Valona Manufacturing Co., Brooklyn, N. Y. Liquids and ointments for scalp and skin. 176,310; Nov. 20; Serial No. 179,123; published Aug. 14, 1923.
Wolcott, Herbert, doing business as Judee Laboratories, Red Bank, N. J. Medicinal preparation to be used as a prophylactic, antiseptic, and germicide. 172,893; Sept. 11; Serial No. 175,588; published May 15, 1923.
Woldum, J. H., doing business as Woldum Produce Company, Decorah, Iowa. Fresh eggs and dressed poultry. 165,136; Mar. 6; Serial No. 151,344; published Nov. 7, 1922.
Wolf Brothers, Philadelphia, Pa. Window envelopes. 172,897; Sept. 11; Serial No. 178,942; published June 5, 1923.
Wolf Brothers & Company, Inc., Washington, D. C. Hosiery. 172,167; Aug. 21.
Wolf Company, The, Chambersburg, Pa. Milling machinery. 166,475; Apr. 3; Serial No. 167,062; published Jan. 2, 1923.
Wolf Creek Soap Works Company, The, near Dayton, Montgomery County, Ohio. Soaps. 170,666; July 17; Serial No. 157,744; published Apr. 24, 1923.
Wolf, Fred, doing business as Wolf Milling Co., Ellinwood, Kans. Wheat flour. 167,205; Apr. 24; Serial No. 162,656; published Jan. 30, 1923.
Wolf, Helen E., New York, N. Y. Ladies' and children's dresses. 173,015; Sept. 11; Serial No. 173,803; published June 5, 1923.
Wolf, Lewis, doing business as Pineberry Punch Syrup Co., Philadelphia, Pa. Beverage sold as a soft drink. 167312; Apr. 24.
Wolf Milling Co. (See Wolf, Fred.)
Wolf Milling Company, Ellinwood, Kans. Flour, corn meal, corn chop, wheat feeds. 176,339; Nov. 20.
Wolf, Sayer & Heller, Inc., Chicago, Ill. Seasonings for meat products. 170,993; July 24.
Wolf, Sayer & Heller, Inc., Chicago, Ill. Seasonings for meat products. 175,267; Oct. 30.
Wolf, Sayer & Heller, Inc., Chicago, Ill. Seasonings for meat products. 175,683; Nov. 6.
Wolfe, Abraham, doing business as Wolfe's Shoe Store, Plattsburg, N. Y. Corn salve. 175,502; Nov. 6; Serial No. 176,866; published Aug. 21, 1923.
Wolfe Leather Co., Boston, Mass. Leathers. 171,629; Aug. 7; Serial No. 176,392; published May 22, 1923.
Wolff, A. H., Gas Radiator Co., The, New York, N. Y. Gas heaters. 167,728; May 8; Serial No. 154,394; published Jan. 30, 1923.

Wolfson, I. D., Inc., New York, N. Y. Neckties. 172,600; Sept. 11; Serial No. 171,005; published June 5, 1923.
Wolin, L. A., Company, The, Cleveland, Ohio. Blouses, dresses, skirts, suits, and sweaters. 168,344; May 22; Serial No. 149,875; published Feb. 13, 1923.
Wollgarnfabrik Fulda G. m. b. H., Fulda, Germany. Wool yarn. 169,752; July 3; Serial No. 171,677; published Mar. 27, 1923.
Wollner & Smith, New York, N. Y. Men's overcoats and suits. 175,363; Nov. 6; Serial No. 177,060; published Aug. 14, 1923.
Wolverine Brass Works, Grand Rapids, Mich. Sink bibs, sink cocks, faucets, bath cocks, etc. 176,872; Dec. 4; Serial No. 182,783; published Sept. 25, 1923.
Wolverine Lubricants Co. of New York, New York, N. Y. Lubricating oils. 174,613; Oct. 23; Serial No. 179,504; published July 24, 1923.
Woman's World Magazine Co., Inc., Chicago, Ill. Quarterly magazine. 172,070; Aug. 21; Serial No. 177,342; published May 22, 1923.
Womble Chemical Company, Womble, Ark. Hair tonic. 170,782; July 24; Serial No. 174,714; published Apr. 24, 1923.
Wonder Gloss Laboratories, Jasper, Ala. Liquid compound in the nature of a furniture and automobile polish. 167,186; Apr. 24; Serial No. 168,233; published Jan. 9, 1923.
Wonder Grain Cleaner Company, The, St. Paul, Minn. Grain-cleaning machines. 166,653; Apr. 10; Serial No. 151,341; published Jan. 9, 1923.
Wonder-Knit Mills, Union Hill, N. J. Sweaters, bathing suits, mufflers, etc. 177,259; Dec. 11; Serial No. 183,810; published Sept. 25, 1923.
Wonder Medicine Company, Atlanta, Ga. Medicinal tonic. 172,580; Sept. 11; Serial No. 172,313; published May 8, 1923.
Wonder Products Company. (See Levey, Samuel B.)
Wonderlay Company, The. (See Getz, Vernon C.)
Wonderlay Milling Company, Indianapolis, Ind. Poultry feed. 176,958; Dec. 11; Serial No. 177,343; published Sept. 25, 1923.
Wondruschka-Duda Company, New York, N. Y. Cutting and lubricating oil composed of cotton oil, tallow, and soap. 166,483; Apr. 3; Serial No. 170,555; published Jan. 9, 1923.
Wood, Albert F. (See Sylvan Toilet Co., assignor.)
Wood Brothers Thresher Company, Des Moines, Iowa. Thrashing machines. 175,328; Nov. 6; Serial No. 180,350; published Aug. 14, 1923.
Wood, Clara I., doing business as Snapo Food Products Company, New York, N. Y. Highly-seasoned sauce for use on meat and fish. 171,721; Aug. 14; Serial No. 139,240; published May 15, 1923.
Wood Conversion Company, Cloquet, Minn. Insulating material. 167,562; May 1; Serial No. 167,790; published Jan. 9, 1923.
Wood-Craft Company, St. Paul, Minn. Electric batteries. 176,074; Nov. 13; Serial No. 182,030; published Aug. 21, 1923.
Wood, De Forrest, Kipton, Ohio. Insecticide. 168,061; May 15; Serial No. 170,917; published Feb. 20, 1923.
Wood, H. W., Lodi, doing business as Nutwood Vineyard, Oakland, Calif. Fresh deciduous fruits. 168,687; May 29; Serial No. 169,511; published Mar. 6, 1923.
Wood Hydraulic Hoist & Body Company, Detroit, Mich. Hydraulic hoists and their parts. 166,315–6; Mar. 27.
Wood Hydraulic Hoist & Body Company, Detroit, Mich. Hydraulic hoists and their parts. 170,066; July 10; Serial No. 173,801; published Apr. 10, 1923.
Wood, J. R., & Sons, New York, N. Y. Finger rings. 164,718–9; Feb. 27.
Wood, James W., doing business as The Fallkill Products Co., Poughkeepsie, N. Y. Candy. 164,892; Feb. 27.
Wood, John T., St. Louis, Mo. Metal polishes. 176,603; Nov. 27; Serial No. 179,981; published Sept. 11, 1923.
Wood & Smith, Inc., Lewiston, Me. Children's leather shoes. 176,207; Nov. 20; Serial No. 179,077; published Aug. 28, 1923.
Wood, T. W., & Sons, Richmond, Va. Plant food. 168,427; May 22; Serial No. 172,251; published Feb. 20, 1923.
Wood, T. W., & Sons, Richmond, Va. Section of a catalogue published monthly. 170,606; July 17; Serial No. 174,682; published Apr. 24, 1923.
Wood, T. W., & Sons, Richmond, Va. Scratch food for fowl. 173,336; Sept. 25; Serial No. 167,792; published Mar. 20, 1923.
Wood, W. Lloyd, Limited, Toronto, Ontario, Canada. Antiseptic solution, mouth wash, tooth paste, etc. 172,516; Sept. 4; Serial No. 172,308; published May 15, 1923.
Wood, Wm. H., Forest Hills, N. Y. Periodicals published from time to time. 172,388; Aug. 28; Serial No. 169,462; published Dec. 19, 1922.
Woodard, Clarke & Co., Portland, Oreg. Combination steel and elastic trusses. 166,355; Apr. 3; Serial No. 147,174; published Jan. 9, 1923.
Woodard, Princetta, Chattanooga, Tenn. Hair grower, pressing oil, temple grower, and corn salve. 176,174; Nov. 20; Serial No. 178,486; published Aug. 28, 1923.
Woodbury & Company, Incorporated, Worcester, Mass. Letterheads and stationery. 164,564; Feb. 20.
Woodison, E. J., Co., Detroit, Mich. Composition of matter used on patterns to facilitate the parting of the same from the molds. 166,752; Apr. 10.
Woodison-Kelley Co., Detroit, Mich. Valve-grinding paste. 163,779; Jan. 30.
Woodlawn Mill & Boom Co., The, Hoquiam, Wash. Cedar shingles. 171,378; Aug. 7; Serial No. 148,857; published Oct. 17, 1922.
Woodlawn Mill & Boom Company, The, Hoquiam, Wash. Cedar shingles. 163,209; Jan. 2.
Woodruff, Robert L., doing business as Woodruff Hardware Co., Winder, Ga. Insect-destroying machine. 175,709; Nov. 6.
Woods, Charles G., jr., doing business as C. G. Woods Chemical Co., Glendale, Calif. Poisonous mixtures for the destruction of rats and rodents. 168,139; May 15; Serial No. 170,346; published Feb. 6, 1923.
Woods, Frank Z. (See Stone Medicine Company, assignor.)
Woodward, J. H., Company, Minneapolis, Minn. Icing sugar. 166,348; Apr. 3; Serial No. 155,726; published Jan. 9, 1923.
Woodward & Lothrop, Washington, D. C. Corsets. 166,174; Mar. 27; Serial No. 166,423; published Jan. 2, 1922.
Woodward & Lothrop, Washington, D. C. Women's coats. 176,093; Nov. 13.
Wool, F. G., Packing Company, San Jose, Calif. Canned fruits, fruit salad, and vegetables, dried fruit. 171,184; July 31; Serial No. 172,071; published May 1, 1923.
Wool, F. G., Packing Company, San Jose, Calif. Canned fruit. 175,688; Nov. 6.
Wool, Max D., doing business as The New York Extract Co., Philadelphia, Pa. Cherry flavored nonalcoholic maltless beverage. 164,163; Feb. 13.
Woolfolk, W. T., doing business as Woolfolk Coffee Company, Lexington, Ky. Coffee. 175,289; Nov. 6; Serial No. 147,856; published Aug. 14, 1923.
Woolley, Daniel P., New York, N. Y. Bread. 177,119; Dec. 11. Serial No. 181,369; published Sept. 25, 1923.
Woolley, Daniel P., New York, N. Y. Bread. 177,120; Dec. 11; Serial No. 181,367; published Sept. 25, 1923.
Woolley, Daniel P., New York, N. Y. Bread. 177,121–2; Dec. 11; Serial Nos. 181,363–4; published Sept. 25, 1923.
Woolley, Daniel P., New York, N. Y. Bread. 177,123; Dec. 11; Serial No. 181,360; published Sept. 25, 1923.
Woolsey, C. A., Paint & Color Company, Jersey City, N. J. White lead combined with zinc oxide. 163,210; Jan. 2.
Woolsey, C. A., Paint & Color Company, Jersey City, N. J. Ready-mixed or prepared house paints, varnish stains, enamels, etc. 164,834; Feb. 27.
Woolsey, C. A., Paint & Color Company, Jersey City, N. J. Paint enamels. 166,189; Mar. 27; Serial No. 161,515; published Dec. 5, 1922.
Woolsey, Ella G., Kansas City, Kans. Ice cream. 170,982; July 24.
Woolson Spice Co., The, Toledo, Ohio. Coffee. 163,904; Feb. 6.
Woolworth, F. W., Co., Watertown and New York, N. Y. Tape and braid of all kinds. 172,335; Aug. 28; Serial No. 177,807; published May 8, 1923.
Wopsy Poultry Yards. (See Parks, Joseph W.)
Worcester Lumber Company, Ltd., Chassel, Mich. Lumber, shingles, and wood flooring. 163,211; Jan. 2.
Worcester Salt Company, New York, N. Y. Table salt. 167,638; May 1; Serial No. 166,615; published Dec. 26, 1922.
Worden Grocer Company, Grand Rapids, Mich. Epsom salts, cream tartar, spirits of camphor, etc. 168,346; May 22; Serial No. 145,375; published Feb. 20, 1922.
Workrite Manufacturing Co., The, Cleveland, Ohio. Radio parts and appliances. 168,027; May 8.
Workman Manufacturing Company, The, Chicago, Ill. Stationery envelope blanks. 166,825; Apr. 17; Serial No. 171,882; published Feb. 6, 1923.
World Match Corporation, New York, N. Y. Book matches. 167,045; Apr. 24; Serial No. 170,321; published Jan. 30, 1923.
World Novelty Co., The, Elgin, Ill. Mixers or beaters. 163,917; Feb. 6.
World Publication Company, Los Angeles, Calif. Weekly newspaper. 169,068; June 5; Serial No. 172,571; published Feb. 27, 1923.
World Publishing Company, Tulsa, Okla. Daily paper. 171,640; Aug. 7.
World Refining Company. (See Philips, Josiah G.)
Wormser Hat Stores, Inc., New York, N. Y., and Chicago, Ill. Men's felt and straw hats. 163,263; Jan. 2.
Wornow, Reuben, New York, N. Y. Ointment for sore, tired, sweating feet. 175,675; Nov. 6.
Worrell, Lola C., doing business as The Flapper Novelty Doll Co., New York, N. Y. Dolls. 172,338; Aug. 28; Serial No. 178,652; published May 29, 1923.
Wortendyke Manufacturing Company, Richmond, Va. Twine. 165,858; Mar. 20; Serial No. 133,073; published Jan. 2, 1923.
Wortendyke Manufacturing Co., Richmond, Va. Toilet paper and paper towels. 170,252; July 10; Serial No. 171,192; published Apr. 3, 1923.
Wortendyke Manufacturing Co., Richmond, Va. Twine. 171,950; Aug. 14.

Alphabetical list of registrants of trade-marks—Continued.

Wortendyke Manufacturing Co., Richmond, Va. Toilet paper, paper towels. 173,233; Sept. 18; Serial No. 166,864; published June 19, 1923.

Wortendyke Manufacturing Co., Richmond, Va. Toilet paper and paper towels. 173,467; Sept. 25; Serial No. 179,911; published June 19, 1923.

Worth, Jean C., assignor to Société Worth, Paris, France. Perfumes. 174,822; Oct. 23; Serial No. 172,630; published Aug. 7, 1923.

Wortham-Carter Publishing Co., Forth Worth, Tex. Newspapers. 165,264; Mar. 6; Serial No. 166,489; published Nov. 14, 1922.

Worthington Pump and Machinery Corporation, New York, N. Y. Pumping machinery, pumps, apparatus for raising and forcing liquids, etc. 166,717; Apr. 10; Serial No. 149,610; published Jan. 23, 1923.

Worumbo Manufacturing Company, Bath, Me. Woolen goods in the piece. 163,984; Feb. 6.

Worumbo Manufacturing Company, Bath, Me. Woolen piece goods. 168,848; May 29; Serial No. 174,375; published Mar. 6, 1923.

Worumbo Manufacturing Company, Bath, Me. Woolen goods in the piece. 173,732; Oct. 2; Serial No. 180,351; published July 10, 1923.

Wozmak & Company, Chicago, Ill. Men's, young men's, and boys' outer garments—namely, suits, overcoats, spring coats, raincoats. 166,599; Apr. 10; Serial No. 151,302; published Aug. 1, 1922.

Wray, Edward, Chicago, Ill. Monthly magazine. 168,952; May 29; Serial No. 171,975; published Feb. 27, 1923.

Wright Accessories Corporation, Atlanta, Ga. Locking device for automobiles that functions by engaging the flywheel through the transmission. 169,878; July 3; Serial No. 137,984; published Apr. 12, 1921.

Wright Battery Company, Flint, Mich. Storage batteries. 169,004; May 29.

Wright, Clair G., Kansas City, Mo. Men's underwear union suit. 177,378; Dec. 18; Serial No. 181,097; published Oct. 2, 1923.

Wright & Ditson Victor Co., Inc., New York, N. Y. Skates. 163,421; Jan. 9.

Wright, G. F., Steel & Wire Company, Worcester, Mass. Wire rope and clothesline. 174,245; Oct. 9; Serial No. 169,510; published July 10, 1923.

Wright, J. T., Co., The, Cincinnati, Ohio. Bookbinders' machinery, paper drills, power punches, etc. 163,668; Jan. 23.

Wright, John Lloyd, Inc., Chicago, Ill. Children's building blocks. 172,488; Aug. 28.

Wrigley, Wm. Jr., Company, Chicago, Ill. Sugar-coated chewing gum. 167,091; Apr. 24; Serial No. 165,734; published Feb. 6, 1923.

Wuertz, O. W., Co., New York, N. Y. Pianos, player pianos, and electrically-operated pianos. 176,776; Nov. 27.

Wuest, Andrew A., Cincinnati, Ohio. Boys' and girls' hosiery. 174,261; Oct. 9; Serial No. 177,419; published July 10, 1923.

Wuest, Andrew A., Cincinnati, Ohio. Men's, women's, and children's hosiery. 175,473; Nov. 6; Serial No. 181,800; published Aug. 28, 1923.

Wurm, Joseph G., New York, N. Y. Hungarian goulash. 168,468; May 22; Serial No. 167,278; published Feb. 27, 1923.

Wüsthof, Carl, Stahlwarenfabrik, Solingen, Germany. Knives, forks, spoons, razors, and scissors. 177,031; Dec. 11; Serial No. 162,707; published Sept. 25, 1923.

Wyandotte Olive Growers Association, Oroville, Calif. California ripe olives and olive oil. 166,502; Apr. 3; Serial No. 162,789; published Jan. 16, 1923.

Wykoff Company, The, Wheeling, W. Va. Cough drops. 165,534; Mar. 13; Serial No. 158,663; published Nov. 7, 1922.

Wykoff Company, The, Wheeling, W. Va. Cough medicine. 169,840; July 3; Serial No. 172,964; published Mar. 13, 1923.

Wyman, Partridge & Co., Minneapolis, Minn. Overalls, suits, work shirts, and pants. 163,647; Jan. 23.

Wyman, Partridge & Co., Minneapolis, Minn. Linen and cotton handkerchiefs. 168,578; May 29; Serial No. 162,861; published Mar. 6, 1923.

Wyman, Partridge & Co., Minneapolis, Minn. Hair nets. 168,710; May 29; Serial No. 155,722; published Mar. 13, 1923.

Wyman, Partridge & Co., Minneapolis, Minn. Underwear. 173,656; Oct. 2; Serial No. 176,307; published June 19, 1923.

Wyman, Partridge & Co., Minneapolis, Minn. Hosiery. 173,658; Oct. 2; Serial No. 176,306; published June 19, 1923.

Wyman, Partridge & Co., Minneapolis, Minn. Work and negligee shirts. 174,880; Oct. 23; Serial No. 181,550; published Aug. 7, 1923.

Wynne Lard & Provision Co. Inc., Norfolk, Va. Lard substitute. 176,804; Nov. 27.

Wynne Lard & Provision Co. Inc., Norfolk, Va. Lard substitute. 176,807; Nov. 27.

Wynne Lard & Provision Co. Inc., Norfolk, Va. Lard substitute. 176,940; Dec. 4.

Wyoming Toy Mfg. Co., Wilkes-Barre, Pa. Toy coaster vehicles. 177,479; Dec. 18; Serial No. 183,462; published Oct. 2, 1923.

Xcluso Auto Trunk & Specialty Corp., New York, N. Y. Hatboxes, suitcases, auto lunch kits, etc. 175,543; Nov. 6; Serial No. 180,572; published Aug. 21, 1923.

X-Rad Corporation, New York, N. Y. Wireless or radio telephones and telephone systems. 164,708; Feb. 27.

X-Ray Incubator Company, Des Moines, Iowa. Automobile bodies, motor-truck bodies, truck tops, motor-vehicle fenders, etc. 167,575; May 1; Serial No. 166,616; published Jan. 2, 1923.

Yagyu, James R., doing business as Ohio Medicine Co., Los Angeles, Calif. Vaginal suppositories. 176,320; Nov. 20; Serial No. 179,022; published Aug. 28, 1923.

Yale Cloak Co. Inc., New York, N. Y. Children's and ladies' coats and capes. 171,292; Aug. 7; Serial No. 166,426; published May 8, 1923.

Yancey, Darcey C., Wilson, N. C. Preparation for coughs, colds, croup, sore throat, etc. 167,726; May 8; Serial No. 153,531; published Jan. 30, 1923.

Yantis, S. R., Milling Co., Fulton, Mo. Self-rising wheat flour. 167,416; May 1; Serial No. 169,041; published Jan. 16, 1923.

Yantis, S. R., Milling Co., Fulton, Mo. Self-rising wheat flour. 170,811; July 24; Serial No. 169,042; Mar. 20, 1923.

Yardley & Co., Limited, London, England. Lavender water, face powder, sachets, cold creams, etc. 164,343; Feb. 20.

Yardley & Co., Limited, Stratford, London, England. Toilet soap. 171,867; Aug. 14; Serial No. 174,377; published May 1, 1923.

Yardley & Co., Limited, London, England. Bath salt tablets, toilet water, hair lotion, complexion cream, etc. 173,443; Sept. 25; Serial No. 174,376; published June 26, 1923.

Yard-O-Meter Corporation, St. Louis, Mo. Devices for computing and measuring fabrics. 172,427; Aug. 28; Serial No. 175,904; published May 29, 1923.

Yates, Claude R., doing business as Alexandria Coffee Company, Alexandria, Va. Coffee. 176,145; Nov. 20; Serial No. 173,458; published Sept. 4, 1923.

Ye Olde Tyme Hard and Soft Pretzel Shop. (See Meyers, Thomas A.)

Yeast-O-Mint Co., The. (See Cobb, Richard H.)

Yellow Cab Manufacturing Co., Chicago, Ill. Automobile taxicabs. 171,494; Aug. 7; Serial No. 171,976; published May 22, 1923.

Yellow Cab Manufacturing Co., Chicago, Ill. Monthly periodical. 173,676; Oct. 2; Serial No. 178,082; published June 12, 1923.

Yellow Cab Manufacturing Co., Chicago, Ill. Automobile taxicabs. 175,505; Nov. 6; Serial No. 178,488; published Aug. 28, 1923.

Yellow Cab Manufacturing Co., Chicago, Ill. Automobile taxicabs. 175,514; Nov. 6; Serial No. 178,487; published Aug. 28, 1923.

Yellow Cab Manufacturing Co., Chicago, Ill. Monthly perodical. 176,425; Nov. 27; Serial No. 181,329; published Sept. 11, 1923.

Yellow Cab Manufacturing Co., Chicago, Ill. Automobile taxicabs. 176,765; Nov. 27.

Yellow Cab Manufacturing Co., Chicago, Ill. Monthly periodical. 178,082; June 12.

Yengling, Ralph W., doing business as Rasol Co., Youngstown, Ohio. Antiseptic and germicide for burns, wounds, sunburn, and nasal spray. 164,144; Feb. 13.

Yereshefsky, Isidore, doing business as I. & Y. Cigar Company, New York, N. Y. Cigars. 172,307; Aug. 28; Serial No. 175,494; published May 29, 1923.

Yoder, Thomas, Mfg. Co., The, Cleveland, Ohio. Valves and thermostatic controlling or operating means and parts of same. 168,956; May 29; Serial No. 171,678; published Mar. 6, 1923.

Yorba Linda Citrus Association, The, Yorba Linda, Calif. Fresh citrus fruits. 163,422; Jan. 9.

Yorita, George, doing business as The Beia Company, Las Angeles, Calif. Perfumes. 169,811; July 3; Serial No. 166,617; published Mar. 6, 1923.

York Pretzel Bakery, York, N. Y. Pretzels. 172,474–5; Aug. 28; Serial Nos. 172,790–1; published May 8, 1923.

York Street Flax Spinning Co. Limited, Belfast and Mucaamore, Ireland. Linen piece goods and union piece goods in which linen predominates. 163,911; Feb. 6.

York Street Flax Spinning Co., Limited, Belfast and Muckamore, Ireland. Dyed linen piece goods and dyed union piece goods in which linen predominates. 165,740; Mar. 20; Serial No. 169,693; published Dec. 26, 1922.

York Street Flax Spinning Co., Limited, Belfast, Ireland. Linen small wares—namely, tablecloths, napkins, towels, sheets, etc. 166,466; Apr. 3; Serial No. 168,864; published Dec. 26, 1922.

Yorke Shirt Company, The, Glens Falls and New York. N. Y. Men's outer shirts. 163,214; Jan. 2.

Yorkshire Dyeware & Chemical Company, Ltd., The, Leeds, England. Dry powdered extract of logwood. 172,530; Sept. 4; Serial No. 173,064; published May 15, 1923.

Yost, A., & Son, Johnstown, Pa. Rye, wheat, and French bread. 167,052; Apr. 24; Serial No. 161,611; published Dec. 26, 1922.

Young, Chas. W., & Co., Philadelphia, Pa. Soap chips. 163,772; Jan. 23.

Alphabetical list of registrants of trade-marks—Continued.

Young, Chas. W., & Co., Philadelphia, Pa. Bar soap, soap powder, scouring soap, soap chips, etc. 166,088; Mar. 27; Serial No. 164,089; published Nov. 7, 1922.
Young Folks Mfg. Co., New York, N. Y. Children's suits, wash suits, and play suits. 177,024; Dec. 11; Serial No. 164,528; published June 19, 1923.
Young Hat Company, The, Norwalk, Conn. Men's hats and caps. 171,821; Aug. 14; Serial No. 175,375; published May 8, 1923.
Young, Sverre, Christiania, Norway, Knapsacks, baggage and luggage devices, etc. 173,139; Sept. 18; Serial No. 178,202; published June 19, 1923.
Young, Sverre, Christiania, Norway. Knapsacks, baggage and luggage devices, etc. 173,141; Sept. 18; Serial No. 178,201; published June 19, 1923.
Young, Thomas Inc., New York, N. Y. Linen piece goods. 175,182; Oct. 30; Serial No. 181,231; published Aug. 14, 1923.
Young, W. F., Inc., Springfield, Mass. Veterinary liniments and embrocations. 164,351; Feb. 20.
Young & Wile, Ltd., New York, N. Y. Soap. 168,951; May 29; Serial No. 172,252; published Mar. 6, 1923.
Youngsters Novelty Co. (See Rubinsky, Benjamin.)
Youngstown Pressed Steel Company, The, Warren, Ohio. Metal lath, expanded metal, corner beads, etc. 163,264; Jan. 2.
Youngstown Sheet & Tube Company, The, Youngstown, Ohio. Iron and steel pipe and tubes, nails, fencing, etc. 163,669; Jan. 23.
Youngstown Sheet and Tube Company, The, Youngstown, Ohio. Electric wiring. 177,717; Dec. 25; Serial No. 182,845; published Sept. 18, 1923.
Youngstown Welding Company, The, Youngstown, Ohio. Metal tanks. 166,479; Apr. 3; Serial No. 170,231; published Jan. 9, 1923.
Yount, Susie B., Louisville, Ky. System tonic. 177,212; Dec. 11; Serial No. 177,809; published Sept. 18, 1923.
Yumet, Antonio, doing business as The Juvenilina Co., Ponce, P. R. Cough sirup. 165,476; Mar. 13; Serial No. 168,089; published Dec. 12, 1922.
Yumet, Antonio, doing busness as The Juvenilina Co., Ponce, P. R. Hair dye. 165,477; Mar. 13; Serial No. 168,088; published Dec. 12, 1922.
Yumet, Antonio, doing business as The Juvenilina Co., Ponce, P. R. Bay rum. 165,478; Mar. 13; Serial No. 168,087; published Dec. 12, 1922.
Yund, Kennedy & Yund, Amsterdam, N. Y. Knitted outer wear. 166,627; Apr. 10; Serial No. 168,658; published Jan. 23, 1923.
Yund, Kennedy & Yund, Amsterdam, N. Y. Knitted outer wear. 168,275; May 15; Serial No. 168,657; published Feb. 13, 1923.
Yunker, J. B., & Sons, Milwaukee, Wis. Leather. 169,050; June 5; Serial No. 167,037; published Mar. 13, 1923.
Yurcich, Fred, Farrell, Pa. Reels upon which wire is wound. 176,626; Nov. 27; Serial No. 162,233; published Sept. 18, 1923.
Yzermans & Co., Vlaardingen, Netherlands. Herrings and sardines. 23,293; renewed July 4, 1923.
Zabriskie, George A., New York, N. Y. Wheat flour. 172,613; Sept. 11; Serial No. 167,155; published June 5, 1923.
Zagat Inc., New York, N. Y. Laxative. 172,966; Sept. 11; Serial No. 175,047; published June 5, 1923.
Zales Bros., New York, N. Y. Hairpins, shoe laces, hair curlers, snap fasteners, garter rings, straight pins, etc. 168,909; May 29; Serial No. 160,270; published Feb. 27, 1923.
Zangmaster, John E., Columbus, Ohio. Coated ice-cream products. 174,969; Oct. 30; Serial No. 158,352; published Aug. 14, 1923.
Za-Rex Food Products Inc. (See Walker Bros. Co., assignor.)
Zarracina, Isidro R., Valladolid, Spain. Carburetors. 169,184; June 12; Serial No. 172,711; published Mar. 27, 1923.
Zatarain, E. A., & Sons, Inc., New Orleans, La. Root beer. 164,904; Feb. 27.
Zeh & Hahnemann Co., Newark, N. J. Power screw presses. 163,682; Jan. 23.
Zeilin, J. H., & Co., Incorporated, Philadelphia, Pa., assignor to C. F. Simmons Medicine Co. Incorporated, St. Louis, Mo. Medicinal preparation for liver diseases. 24,258; renewed Feb. 20, 1924.
Zell, Lucian M., New York, N. Y. Aquamarines. 169,356; June 12; Serial No. 172,193; published Feb. 27, 1923.
Zellerbach Paper Company, San Francisco, Calif. Paper bags. 176,002; Nov. 13; Serial No. 182,433; published Sept. 4, 1923.
Zellerbach Paper Company, San Francisco, Calif. Paper bags. 176,004; Nov. 13; Serial No. 182,455; published Sept. 4, 1923.
Zellerbach Paper Company, San Francisco, Calif. Paper bags. 176,005–7; Nov. 13; Serial Nos. 182,456–8; published Sept. 4, 1923.
Zellerbach Paper Company, San Francisco, Calif. Paper bags. 176,008; Nov. 13; Serial No. 182,460; published Sept. 4, 1923.
Zellerbach Paper Company, San Francisco, Calif. Paper bags. 176,010; Nov. 13; Serial No. 182,459; published Sept. 4, 1923.
Zeno Company Inc., New York, N. Y. Combination outer suits, knickerbockers, coats, and caps for children. 175,087; Oct. 30; Serial No. 180,257; published Aug. 14, 1923.
Zes, James, doing business as A. & Z., Los Angeles, Calif. Potato chips. 166,898; Apr. 17; Serial No. 165,107; published Feb. 6, 1923.
Ziegler, Charles M., doing business as Silk-O-Lene Oil Company, St. Louis and Kansas City, Mo. Motor oils. 164,705; Feb. 27.
Zielinski, Alexander, Trenton, N. J. Salves. 173,483; Sept. 25; Serial No. 175,905; published June 19, 1923.
Zieser & Kling, St. Louis, Mo. Ladies' and misses' coats and suits. 174,584; Oct. 23; Serial No. 180,643; published July 24, 1923.
Zigelman, M., St. Louis, Mo. Malt sirup. 173,947; Oct. 2; Serial No. 178,083; published July 10, 1923.
Zimmerman, Franklyn M., Pittsburgh, Pa. Lubricating oils. 176,662; Nov. 27; Serial No. 182,031; published Sept. 18, 1923.
Zimmerman Stove Heater Corp., New York, N. Y. House-heating kitchen ranges. 163,212; Jan. 2.
Zincke, Hans, Hoboken, N. J. Pastry, fruit tarts, and fruit pies. 167,212; Apr. 24; Serial No. 164,847; published Jan. 30, 1923.
Zinn Chemical Co., Oakland, Calif. Laxative sirup, horehound, honey, and tar sirup, blood purifier, etc. 177,182; Dec. 11; Serial No. 180,731; published Sept. 18, 1923.
Zinsmaster Baking Company, St. Paul, Minn. Bread. 170,542; July 17; Serial No. 136,822; published May 24, 1921.
Zinsmeister, J., & Sons, Incorporated, Louisville, Ky. Coffee. 174,629; Oct. 23; Serial No. 179,577; published July 31, 1923.
Zinsser, William, & Company, Incorporated, New York, N. Y. Sponges, cotton waste, and shellac gums. 163,213; Jan. 2.
Zinsser, William, & Company, Incorporated, New York, N. Y. Bronze powders, bronzing liquids, dragon's blood, driers, enamels, etc. 163,702; Jan. 23.
Zinsser, William, & Company, Incorporated, New York, N. Y. Acetones, denatured alcohols, aniline dyes, benzole, and etching powder. 164,728; Feb. 27.
Zion's Co-Operative Mercantile Inst., Salt Lake City, Utah. Overalls, coats, play suits, auto suits, khaki pants, and shirts. 169,101; June 5.
Zip Manufacturing Co., Denver, Colo. Compound for fitting in bearings. 167,884; May 8; Serial No. 167,373; published Jan. 30, 1923.
Zip Manufacturing Co., Denver, Colo. Compound for honing lawn mowers and the like. 167,885; May 8; Serial No. 167,374; published Jan. 30, 1923.
Zipp Manufacturing Company, The, Cleveland, Ohio. Nonalcoholic, maltless compound for making beverages and the beverages made therefrom. 174,123; Oct. 2; Serial No. 132,673; published June 21, 1921.
Zip Products Company, Fremont, Ohio. Cleansing and polishing fluid. 171,717; Aug. 14; Serial No. 147,328; published Aug. 23, 1921.
Zobel, Ernst, Company, Inc., Brooklyn, N. Y. Protective composition in the nature of a paint for roofs. 177,513; Dec. 18; Serial No. 163,208; published Oct. 2, 1923.
Zolla, Max A., Chicago, Ill. Artificial pearls. 171,142; July 31; Serial No. 160,378; published Apr. 24, 1923.
Zoller, William, Company, Pittsburgh, Pa. Skinned and regular hams, breakfast bacon. 173,126; Sept. 18; Serial No. 172,924; published June 5, 1923.
Zollinger and Schroth, Inc., New York, N. Y. Silk crêpe piece goods. 168,770; May 29; Serial No. 173,869; published Mar. 6, 1923.
Zollner, Theodore, Duluth, Minn. Piston rings. 165,085; Mar. 6; Serial No. 158,513; published Nov. 28, 1922.
Zo-Mu Syrup and Beverage Company. (See Orlando, Joseph C.)
Zorro Tobacco Co., Inc., The, New York, N. Y. Smoking tobacco. 173,147; Sept. 18; Serial No. 177,887; published June 12, 1923.
Zorro Tobacco Co., Inc., The, New York, N. Y. Smoking tobacco. 177,887; June 12.
Zublin, John A., doing business as Zublin Tool Company, Los Angeles, Calif. Oil-well drills. 168,220; May 15; Serial No. 172,312; published Feb. 27, 1923.
Zublin Tool Co., The. (See Zublin, John A.)
Zucker, Nathan S., doing business as The Utasal Company, New York, N. Y., and Salt Lake City, Utah. Medicated bath preparation. 172,235; Aug. 28; Serial No. 174,984; published May 15, 1923.
Zucnutkandy Company, Newark, N. J. Candies. 177,157; Dec. 11; Serial No. 181,969; published Sept. 25, 1923.
Zuercher, C. E., & Co., Chicago, Ill. Cheese. 172,534; Sept. 4; Serial No. 174,052; published May 15, 1923.
Zura, Inc., Chicago, Ill. Cosmetics—viz., hair tonic, shampoo, hair straightener, etc. 164,458; Feb. 20.
Zurn, J. A., Manufacturing Company. (See Zurn, John A.)
Zurn, John A., doing business as J. A. Zurn Manufacturing Company, Erie, Pa. Backwater traps, trap ferrules, clean-outs, pipe fittings, insertible joints, etc. 169,169; June 12; Serial No. 167,544; published Mar. 20, 1923.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

A. Gazzoni & C., Bologna, Italy. Preparation for cough. 175,600; Aug. 7.

A-B Stove Company, Battle Creek, Mich. Gas ranges. 172,073; Mar. 13.

A. and G. Co., St. Louis, Mo. Applicators for the lips. 172,409; Apr. 17.

A-I Manufacturing Co., Bradford, England. Electric welding machines and parts thereof and electric tools for welding purposes and parts thereof. 125,101; June 5.

A. L. T. Rustic Company, Belvedere, Ill. Ornamental stonework articles. 177,518; July 10.

A-1 Manufacturing Company, Philadelphia, Pa. Metal polish. 176,318; Aug. 7.

A & P Products Corporation, The, Jersey City, N. J. Canned salmon. 179,696–7; July 31.

A/S Blyantfabrikken Viking, Copenhagen, Denmark. Pencils. 183,131; Oct. 9.

A/S Ferrosan, Copenhagen, Denmark. Neutral constant iron preparation for use as blood generation, etc. 166,216; Mar. 20

A/S Ferrosan, Copenhagen, Denmark. Medicinal iron preparation. 166,430; Mar. 27.

A. & S. Levy Co., New York, N. Y. Dresses, women's robes and gowns, suits, coats, and waists. 172,001; July 3.

A. & Z. (See Zes, James.)

Abbey Effervescent Salt Company, Inc., New York, N. Y. Dry chemical mixture or effervescent salt. 169,695; Feb. 6.

Abbey Effervescent Salt Company, Inc., New York, N. Y. Dry chemical mixture of health salt. 180,644–5; Dec. 18.

Abbott, Frederick J., doing business as Crystal Petroleum Products Corporation, Los Angeles, Calif. Motor fuels. 180,404; July 24.

Abbott, Frederick J., doing business as Crystal Petroleum Products Corporation, Los Angeles, Calif. Motor fuels. 180,406–8; July 17.

Abbott, Frederick J., doing business as Crystal Petroleum Products Corporation, Los Angeles, Calif. Lubricating and motor oil and lubricating greases. 182,033; Oct. 2.

Abbott, Hall & Co., also doing business as John Braadland Ltd. and Venus Packing Co. Canned fish. 177,580; July 3.

Abbott Laboratories, Chicago, Ill. Arsphenamine and neoarsphenamine. 177,889; Aug. 28.

Abbott Laboratories, Chicago, Ill. Butyl aminobenzoate. 179,913; Aug. 7.

Abbott Laboratories, Chicago, Ill. Preparation for the prevention and treatment of sunburn. 179,914; July 24.

Abbott Laboratories, Chicago, Ill. N-butyl-ethyl-barbituric acid. 181,233; Aug. 21.

Abbott, Samuel B., Columbus, Miss. Preparation for treatment of pyorrhea. 182,491; Oct. 23.

Abeco Beverage Company, Boston, Mass. Beverages and ginger ale sold as soft drinks and extracts, flavors, sirups, etc., used in preparation of same. 171,605; Feb. 27.

Abeeco Mill, Inc. Artificial-silk waste partly prepared. 179,912; Aug. 21.

Abel-Jensen Laboratories, Chicago, Ill. Alkaline salts. 171,884; Apr. 24.

Abel-Jensen Laboratories, Chicago, Ill. Antiseptic laxative. 183,515; Nov. 13.

Abels, Sophie, Plainfield, N. J. Healing salve for all swelling and cancer. 169,696; Jan. 9.

Aberdeen Creamery Company, Aberdeen, Miss. Butter. 164,793; Jan. 30.

Aberfoyle Mfg. Co., Chester, Pa. Cotton piece goods. 167,968; Feb. 13.

Abilene Flour Mills Co., The, Abilene, Kans. Wheat flour. 171,780; June 5.

Ablett, Robert, & Co., Inc., Whitesboro, N. Y. Knit underwear. 146,750; Nov. 13.

Aborn Shirt Mfg. Co. (See Tenenbaum, David.)

Abraham, Edward, doing business as Abraham & Co., New York, N. Y. Buckles and belt links for personal wear. 176,589; May 8.

Abraham & Straus, Inc., New York, N. Y. Lotions for external application to the body. 172,813; Apr. 3.

Abraham & Straus, Inc., New York, N. Y. Men's underwear. 172,815; Aug. 28.

Abraham & Straus, Inc., New York, N. Y. Phonographs. 174,118; Mar. 6.

Abraham & Straus, Inc., New York, N. Y. Cotton voiles and dress goods in the piece. 181,579; Aug. 21.

Abraham & Straus, Inc., New York, N. Y. Bobsleds. 181,580; Oct. 16.

Abraham & Straus, Inc., New York, N. Y. Sheets and pillow cases. 182,279; Sept. 18.

Abraham & Straus, Inc., New York, N. Y. Coffee. 182,281; Sept. 25.

Abraham & Straus, Inc., New York, N. Y. Coffee. 182,282; Sept. 11.

Abraham & Straus, Inc., New York, N. Y. Toy automobiles. 183,016; Sept. 11.

Abraham & Straus, Inc., New York, N. Y. Hairpins. 186,403; Nov. 27.

Abraham & Straus, Inc., New York, N. Y. Hair nets. 186,404; Dec. 18.

Abraham & Straus, Inc., Brooklyn, N. Y. Corsets. 186,620; Dec. 25.

Abraham & Straus, Inc., New York, N. Y. Phonographs. 186,685; Dec. 11.

Abrams, Dr. Albert, San Francisco, Calif. Electrical medical instrument. 170,744½; Feb. 27.

Abrams, Joseph, San Francisco, Calif. Shampoo. 178,368; Oct. 9.

Abrasive Company, Bridesburg, Philadelphia, Pa. Abrasive material for impregnating cement and composition floors, etc. 165,978; Oct. 16.

Ac Spark Plug Company, Flint, Mich. Speedometers. 163,493; Sept. 25.

Accas Brothers, New York, N. Y. Wheat flour. 169,470; Feb. 27.

Ace Hardware Manufacturing Corporation, Philadelphia, Pa. Knife and edge-tool sharpening machines. 172,314; June 12.

Ace Motor Corporation, Philadelphia, Pa. Motor cycles. 175,908; Mar. 13.

Acheson Harden Co., The, New York, N. Y. Children's handkerchiefs. 167,216; Aug. 14.

Acheson Manufacturing Company, Rankin, Pa. Pipe and vent fittings, traps, etc. 163,211; July 24.

Achilles Guard Company, Grand Rapids, Mich. Heel guards made of fabric for shoes. 169,698; Mar. 6.

Ackerman & Rosenthal, Inc., Wilmington, Del., and St. Louis, Mo. Ladies' and children's hats. 160,910; Sept. 18.

Ackerman, Simon, New York, N. Y. Men's clothing. 181,581–2; Nov. 6.

Acme Brick Company, Danville, Ill. Brick and tile, except metal and porcelain. 169,666; Feb. 20.

Acme Can Company, Philadelphia, Pa. Plain, decorated, and lithographed tin, metal, and paper packages. 180,203; Sept. 4.

Acme Cone Co., Philadelphia, Pa. Cake cones. 175.177; Aug. 28.

Acme Flavoring Co., Portland, Oreg. Food-flavoring extracts. 166,969; Jan. 16.

Acme Grocery Co., The, Chicago, Ill. Canned fruits and vegetables. 166,625; Jan. 16.

Acme Orchard Co., Inc., White Salmon, Wash. Fresh apples. 176,149; May 15.

Acme Varnish Works. (See Moran, Richard H.)

Acme White Lead & Color Works, Hamtramck, Mich. Paints, stains, varnishes, etc. 160,915; Sept. 11.

Acme White Lead & Color Works, Hamtramck, Mich. Bronze, dry, etc., colors, driers, enamels, etc. 185,853; Dec. 11.

Acme Wire Company, The, New Haven, Conn. Insulated electric wire. 183,241; Oct. 23.

Acorn Watch Case Co. (See Gottlieb, Joseph.)

Actien-Gesellschaft fur Anilin-Fabrikation, Berlin, Germany. Preparation for protecting animal substances against the noxious effects of chemicals, etc. 170,232; Mar. 27.

Activad Sign Service. (See Dawson, Harry C.)

Adam, Frank, Electric Co., St. Louis, Mo. Electrical switches, switchboards, switch boxes, etc. 169,269; Jan. 2.

Adamite Filtration Co. Inc., Brooklyn, N. Y. Filtration materials. 182,326; Sept. 11.

Adams, Albert J., assignor to H. H. Waters, New York, N. Y. Preparation for use as a preventive of rheumatism and for neutralizing uric acid. 168,910; Nov. 13.

Adams, Alfred B., New York, N. Y. Biotherapeutic and opotherapeutic products. 176,004–7; June 5.

Adams, Alfred B., New York, N. Y. Biotherapeutic and opotherapeutic products. 176,008; July 17.

Adams, Alfred B., New York, N. Y. Biotherapeutic and opotherapeutic products. 176,009–10; June 5.

Adams, Alonzo H., doing business as Exhaust Lock Company, Indianapolis, Ind. Steering-post control and exhaust lock. 176,435; May 15.

Adams, D. E., Co., Inc., Athol, Mass., and New York, N. Y. Silk and artificial-silk thread and yarn. 165,849; Jan. 30.

Alphabetical list of trade-mark applicants—Continued.

Adams, Harry E., Haverhill, Mass. Women's sandals of leather and textile material. 176,705–8; Apr. 24.
Adams & Jewell, Rome, N. Y. Plastic cements. 184,951; Dec. 25.
Adams & Jewell, Rome, N. Y. Refractory paints. 187,599; Dec. 11.
Adams & Sons Grocer Company, Chillicothe, Mo. Canned vegetables, fruits, and fish. 169,268; Mar. 6.
Adams, Thomas H., doing business as Cushman Drug Co., Vincennes, Ind. Salve or skin balm which is an antiseptic dressing. 166,970; Jan. 23.
Adams, William C., Co., Boston, Mass. Arc and electric welding goggles. 176,436; May 29.
Adamson, Charles E., doing business as Safetygas & Appliance Company, Wabash, Ind. Denatured alcohol. 179,124; Sept. 18.
Adamson, Charles E., Wabash, Ind. Stoves, baking and annealing ovens, heaters, etc. 179,125; July 24.
Adensite Co., Inc., New York, N. Y. Liquid integral used in mixing of building materials. 180,317; Aug. 7.
Adjusto Shoe Lace Company Incorporated, New York, N. Y., assignor to Anawan Braid Company, Providence, R. I. Corset and shoe lace tips. 152,303; Jan. 9.
Adler, David, & Sons Company, Milwaukee, Wis. Fabrics made of wool and wool substitutes. 174,761; Aug. 28.
Adler, Elias J., Brooklyn, N. Y. Crackers. 156,345; Mar. 27.
Admiral Tire & Rubber Company, The, Coshocton, Ohio. Inner tubes, pneumatic, etc., tires. 183,017; Nov. 13.
Adolph Coors Company, The, Golden, Colo. Bakers' sirup used in making bread and similar articles of food made from malt and corn. 166,591; July 3.
Adot, N. y Hno., Buenos Aires, Argentina. Hempen pumps (alparagatas). 182,952; Nov. 27.
Ad-Packed Hair Net Co., Inc., New York, N. Y. Hair nets. 176,240–3; Apr. 10.
Ad-Pep Printing and Publishing Co. (See International Association of Machinists.)
Adsit and Rugg Inc., Burlington, Vt. Sheep-lined fur coats, overcoats, hosiery, knitted fabric underwear, etc. 174,421; Aug. 21.
Adsit and Rugg Inc., Burlington, Vt. Sheep-lined coats and vests, fur coats, hosiery, etc. 174,421; Nov. 20.
Advance Abrasive Co. (See Kann, William L.)
Advance Battery Manufacturing Company, Louisville, Ky. Storage batteries. 154,633; Mar. 27.
Advance Battery Mfg. Co., Louisville, Ky. Dry and storage batteries. 177,453; Dec. 25.
Advance Candy M'f'g. Corp., New York, N. Y. Chocolate candy. 164,356; Apr. 3.
Advance Chemical Company Inc., New York, N. Y. Concentrated maltless extract as a material for making ginger ale and other beverages. 177,721; Aug. 28.
Advance Knitting Mills. (See Block, Felix.)
Advance Machine Company, Chicago, Ill. Picture-viewing machines. 185,101; Dec. 25.
Advance Manufacturing Co., St. Louis, Mo. Two-wheeled children's coaster vehicles. 174,684; Apr. 3.
Advance Wood Turning Co., Chicago, Ill. Electric floor and table lamps. 164,150–1; Oct. 9.
Advanced Metal Stamping Company. (See Hardy, Charles.)
Advertising Auto Speedway Co., The, Columbus, Ohio. Miniature automobile race track and cars for use thereon. 179,506; Aug. 7.
Advertoshare Co. (See D'Orio, Julius.)
Aeolian Company, The, New York, N. Y. Assembled radio transmitting and receiving sets. 166,124; Aug. 21.
Aerobelle Company, Worcester, Mass. Shock absorbers. 186,041; Dec. 11.
Aeroil Burner Company, Inc., Union Hill, N. J. Oil-burning appliances. 169,840; July 17.
Aero-Kord Co. (See Berdon, Albert E.)
Aeroshade Company, The, Waukesha, Wis. Porch and window shades. 178,016; June 12.
Aetna Carpet Co., New York, N. Y. Textile carpets. 174,504; Apr. 17.
Aetna Life Insurance Company, Hartford, Conn. Monthly periodical. 180,318; July 31.
Aetna Life Insurance Company, Hartford, Conn. Monthly periodical. 180,319; Aug. 7.
African & Eastern Trading Co. Inc., New York, N. Y. Cotton piece goods. 175,230; Apr. 10.
African & Eastern Trading Co., Inc., New York, N. Y. Cotton piece goods. 175,230; July 17.
Aggeler & Musser Seed Co., Los Angeles, Calif. Field, garden, and farm seeds. 168,743; May 1.
Agines Brothers, New York, N. Y. Imitation-mink-fur coats. 163,728; Nov. 13.
Agra Company, Detroit, Mich. Perfumes. 174,762; Apr. 24.
Agra Shirt Co., New York, N. Y. Dress, negligee, and work shirts. 179,126; Aug. 14.
Agricola & Agricola, Detroit, Mich. Casting alloy. 170,745; Mar. 20.
Agrilin Chemical Company, The, Wilmington, Del., and New York, N. Y. Laxative. 181,970; Sept. 11.
Agripa Company, The. (See Mitchell, Robert G.)
Aikin & Aikin, Fort Worth, Tex. Playing cards. 174,056; Apr. 10.
Ainsa, F. S., Company, Inc., El Paso, Tex. Coffee. 156,672; Sept. 11.
Ainsley, J. C., Packing Co., Campbell, Calif. Canned fruits. 167,911; Feb. 6.
Aird-Don Co., Troy, N. Y. Boilers for heating purposes. 179,254; Sept. 4.
Ajello, Michele, Co. Inc., Brooklyn, N. Y. Canned olive oil. 179,448; Oct. 16.
Akin Manufacturing Company, Charlotte, N. C. Shoe polish. 174,809; Apr. 24.
Akron Barrow Company, The, Akron and Cleveland, Ohio. Tubular wheelbarrows, contractors' wheelbarrows, and concrete carts. 154,909; Mar. 13.
Akron Grocery Co., The, Akron, Ohio. Coffee, olive oil, and sugar. 180,260; Nov. 13.
Akron Grocery Company, The, Akron, Ohio. Canned pork and beans, rolled oats, canned milk. 165,114; Jan. 30.
Akron Grocery Company, The, Akron, Ohio. Catchup, dried prunes and peaches, shelled popcorn, etc. 175,833; Sept. 18.
Akron-Selle Company, The, Akron, Ohio. Liquid gauges. 157,016; June 12.
Aktiebolaget Atmos, Stockholm, Sweden. High-pressure boilers and parts thereof. 172,140; May 22.
Aktiebolaget Galco, Stockholm, Sweden. Office supplies. 147,149; Feb. 6.
Aktiebolaget Molnbacka-Trysil, Tornaga, Sweden. Craft paper. 175,178; Mar. 27.
Aktiengesellschaft für Chemische Produkte vormals H. Scheidemandel, Berlin, Germany. Pharmaceutical preparations for promoting the growth of hair. 171,565; June 12.
Aktiengesellschaft für Chemische Produkte, vormals H. Scheidemandel, Berlin, Germany. Pharmaceutical preparations for promoting the growth of human hair. 171,566; July 17.
Aktiengesellschaft für Tiefbohrtechnik und Maschinenbau vormals Trauzl & Co., Vienna, Austria. Diesel motors and internal-combustion engines. 178,422; Aug. 14.
Alabama By-Products Corporation, Birmingham, and Tarrant, Ala. Crude coal tar and coke. 166,626; Jan. 9.
Alabama Overall Company, Scottsboro, Ala. Overalls. 167,504; Jan. 2.
Alabastine Company, Grand Rapids, Mich. Water paints and wall coatings. 168,995; Mar. 20.
Aladdin Mystic Beauty Company, Grand Rapids, Mich. Clay for facial treatment. 172,572; Apr. 10.
Aladdin Tire Corporation, Rutherford, N. J. Casings and tubes of pneumatic tires. 170,109; Feb. 13.
Alaga & Forencich Co., Watsonville, Calif. Fresh apples. 174,422; May 8.
Alaska Pacific Fisheries, Seattle, Wash. Canned salmon. 187,277; Dec. 18.
Alaska Packers Association, San Francisco, Calif. Canned salmon. 166,804; Jan. 30.
Alaskan Fur Company. (See Gould, F. L.)
Alb. & E. Henkels, Inc., New York, N. Y. Laces and upholstery goods. 169,210–1; Sept. 11.
Albany Perforated Wrapping Paper Co., Albany, N. Y. Toilet paper and paper towels. 176,437; Apr. 10.
Albany Perforated Wrapping Paper Co., Albany, N. Y. Toilet paper and paper towels. 182,529; Aug. 21.
Albany Perforated Wrapping Paper Co., Albany, N. Y. Toilet paper and paper towels. 184,889; Oct. 23.
Albany Perforated Wrapping Paper Company, Albany, N. Y. Toilet paper. 184,576; Nov. 13.
Albeco Company, San Francisco, Calif. Foot-relief powder, massage cream, vanishing cream, hair pomade, etc. 176,309; Aug. 14.
Albemarle Mills Company, Inc., Charlottesville, Va. Wood flooring. 173,312; Mar. 27.
Albers Bros. Milling Co., Seattle, Wash. Wheat flour. 168,744; Jan. 23.
Albers Bros. Milling Co., Seattle, Wash. Breakfast cereal food. 169,270; Apr. 3.
Albers Bros. Milling Co., Seattle, Wash. Rolled oats, split peas, hominy, hominy grits, etc. 175,753; Sept. 25.
Albers Company, Incorporated, Richmond, Va. Cough sirup. 184,048; Sept. 18.
Albert, J., and Son. (See Albert, Michael F.)
Albert, Michael F., doing business as J. Albert and Son, Sydney, New South Wales, Australia. Mouth organs, accordions, flutes, and flageolets. 169,488; Mar. 6.
Alberto Vales Company, New Orleans, La. Soap. 174,378; May 1.
Alberto Vales Company, New Orleans, La. Vegetable shortening. 185,686; Nov. 13.
Alberts, Jacob L., New York, N. Y. Corsets. 165,516; Feb. 20.
Alberts, Jacob L., New York, N. Y. Corsets. 165,517; May 8.
Alberts, Jacob L., doing business as Alberts Manufacturing Co., New York, N. Y. Bandeaux and corsets. 172,024; Sept. 4.
Alberts, Jacob L., doing business as Alberts Manufacturing Co., New York, N. Y. Bandeaux and corsets. 172,501; Sept. 4.
Albrecht, Fred W., Grocery Company, The, Akron, Ohio. Crackers. 163,662–3; Jan. 30.
Alcone Knitting Mills, San Francisco, Calif. Men's knitted coats for outer wear. 150,427; Jan. 16.

Alden, Clarence J., doing business as The Painesville Metallic Binding Co., Painesville, Ohio. Metallic flat curtain rods. 176,867; Sept. 4.
Alden Manufacturing Company, Springfield, Mass. Parts for radio apparatus. 180,953; Sept. 4.
Alden Speare's Sons Co., The, Chicago, Ill. Laundry nets or bags. 180,306; Oct. 9.
Alderman, Fairchild Co., Rochester, N. Y. Games. 177,206–7; May 29.
Alderman, Fairchild Co., Rochester, N. Y. Game. 178,423; July 17.
Alderman, Fairchild Company, Rochester, N. Y. Game. 181,050; July 17.
Aldrich, Anthony B., Washington, D. C. License-tag fasteners for automobiles and the like. 181,371; Sept. 18.
Alert Manufacturing Company. (See Haeseler, Charles H.)
Alexander, Armstead M., Independence, Mo. Ice cream. 166,494; Jan. 16.
Alexander, H. W., Co. (See Alexander, Henry W., jr.)
Alexander, Henry W., jr., doing business as H. W. Alexander Co., Philadelphia, Pa. Mints. 166,802; Mar. 6.
Alexander, Lenna T., Tulsa, Okla. Hair tonic. 168,745; Feb. 13.
Alexander, Robert E., Tulsa, Okla. Jack frames for pumping jacks. 176,813; May 29.
Alexander, Samuel, Philadelphia, Pa. Boots and shoes made of leather. 172,410; Apr. 17.
Alexandre & Emile, New York, N. Y. Preparation for use when effecting a permanent wave in the hair. 182,695: Dec. 18.
Alexandria Coffee Company. (See Yates, Claude R.)
Alexandria Potato Curing Company Inc., Alexandria, La. Sweet potatoes in their natural state. 162,475; Jan. 30.
Al-Fa-Fa Mfg. Co. (See Geddes & Barnaby.)
Alfocorn Milling Company, doing business as Consolidated Mills Company, St. Louis, Mo. Stock feed. 177,811; Aug. 21.
Alger & Mowry Manufacturing Company, Stockton, Calif. Dressing for motor-vehicle tops and leather and rubber goods. 171,606; Mar. 20.
Algin Company, Limited, The, Penzance, England. Food for cattle, horses, sheep, pigs, and poultry. 163,661; Mar. 20.
Alice-Louise Company. (See Lynch, Alice L.)
Alitak Packing Co., Seattle, Wash. Canned Salmon. 165,656; Jan. 2.
All Saints Cigar Co., Tampa, Fla. Cigars. 180,165; July 31.
All Star Hosiery Co. (See Robison, Frank.)
Allandale Knitting Mills, Inc., New York, N. Y. Knitted outer garments. 176,244; July 17.
Allbestos Corporation, Philadelphia, Pa. Brake lining. 168,091; Jan. 30.
Allbestos Corporation, Philadelphia, Pa. Brake linings. 168,092; Feb. 6.
Allegheny Steel Company, Brackenridge, Pa. Steel billets, sheets, forgings, round bars, and rounds. 179,698; Aug. 21.
Allegheny Steel Company, Brackenridge, Pa. Steel and iron sheets and plates, ingot molds, etc. 165,518; Dec. 11.
Allegheny Steel Company, Brackenridge, Pa. Journal boxes and lids, railway cars, etc. 169,795; Dec. 11.
Allen, Alma E., doing business as The Allen Company, Cleveland, Ohio. Salves for the hair and scalp. 171,782; Oct. 30.
Allen, Bona, Inc., Buford, Ga. Horse collars, harness, and harness parts. 182,327; Sept. 18.
Allen-Bradley Company, Milwaukee, Wis. Electrical controlling devices. 176,438; May 8.
Allen-Bradley Company, Milwaukee, Wis. Electrical resistance for wireless apparatus. 186,974; Dec. 4.
Allen, Doctor, W. A., Company, Los Angeles, Calif. Dental cream. 185,000; Dec. 18.
Allen, Edward E., Mfg. Co., Chicago, Ill. Wood paste filler, oil colors, enamel, etc. 179,078; July 10.
Allen, Edward E., Mfg. Co., Chicago, Ill. Enamel for general use. 179,079; May 29.
Allen, Edward E., Mfg. Co., Chicago, Ill. Floor paint. 179,080; May 29.
Allen, Edward E., Mfg. Co., Chicago, Ill. House paint. 179,081; May 29.
Allen Filter Company, The, Toledo, Ohio. Filters, water coolers, and beverage coolers. 169,344; Jan. 2.
Allen, Gravel Company, Memphis, Tenn. Paving gravel. 159,676; Apr. 3.
Allen Horace L., Mfg. Co., Nashville, Tenn. Overalls, pants, and working shirts. 175,591; Aug. 7.
Allen Hydrostatic Pump Syndicate Ltd., Westminster, London, England. Pumping apparatus utilizing hydrostatic pressure for raising liquids. 174,191; May 15.
Allen, Joseph P., Co. Inc., The, Dixfield, Me. Elastic braids. 166,760; Jan. 2.
Allen & Lewis, Portland, Oreg. Canned fruits and vegetables. 174,379; July 3.
Allen Paint & Putty Works, Chicago, Ill. Putty. 172,968–9; Feb. 20.
Allen Remedy Company, Sheffield, Iowa. Goiter medicine. 158,209; Mar. 6.
Allen, Samuel L., doing business as Phoenix Drug Store, Monroe, La. Corn remedy. 185,399; Dec. 11.
Allen-Spiegel Shoe Mfg. Co., Belgium, Wis. Shoes, insoles, and outer soles. 171,519; Apr. 10.
Aller Brothers, Chicago, Ill. Pins, hairpins, safety pins, elastics, and hair nets. 173,390; May 15.
Aller Brothers, Chicago, Ill. Paper tablets, composition and blank books, pads, papeteries, etc. 175,539; Apr. 17.
Alley, Charles G., doing business as Alley Medicine Co., Birmingham, Ala. Laxative tablets. 169,796; Feb. 13.
Alley Medicine Co. (See Alley, Charles G.)
Allied Belting Company, The, Greenville, Ohio. News bags, aprons, and coal bags. 179,128; Sept. 4.
Allied Factories Corporation, Kansas City, Mo. Household electrical devices. 177,118; June 19.
Allied Golf Company, Chicago, Ill. Golf clubs. 169,272; July 10.
Allied Packers, Incorporated, Chicago, Ill. Fresh meats. 163,309; Nov. 20.
Alligator Oil Clothing, St. Louis, Mo. Topcoats, raincoats, overcoats, and suits for men and boys. 172,853; Aug. 14.
Alling & Cory Co., The, Rochester, N. Y. Wrapping paper. 177,158; Apr. 24.
Allingham Candy Manufacturing Company, The, Colorado Springs, Colo. Confection. 158,912; Oct. 2.
Allingham, E. F., Mfg. Co., Colorado Springs, Colo. Puffed-wheat confection. 172,714; Apr. 17.
Allmans Co., Milwaukee, Wis. Lotion applied to the face after shaving, hair tonic, tooth paste, etc. 155,471; May 29.
Al-Lon Manufacturing Company, Inc., Baltimore, Md. Ironing-board pads and covers, washable mattress covers. 180,646; Aug. 14.
Al-Lon Manufacturing Company, Inc., Baltimore, Md. Shoe bags, clothes protectors, clothespin aprons. 180,647; Sept. 4.
Alloway Brothers, Nashville, Tenn. Butter, live and dressed poultry, and eggs. 181,100; Oct. 16.
Allsilk Hosiery Mills. (See Alperson & Son.)
Alonzo Bros., Brunswick, Ga. Cigars. 171,245; Jan. 9.
Alopex Products Company. (See Harris, Irwin J.)
Alouf Bros., Roanoke, Va. Coffee. 166,217; Jan. 16.
Alpen Company, The, St. Louis, Mo. Counterirritant and rubefacient. 179,129; Aug. 7.
Alperowitz, M., & Son, Chicago, Ill. Hats and caps. 171,246; Feb. 20.
Alperson & Son, doing business as Allsilk Hosiery Mills, Omaha, Nebr. Hosiery. 164,018; Jan. 9.
Alpha Chemical Company, The. Springfield, Ohio. Tonic and laxative tablet. 154,468; Feb. 20.
Alpha Game & Toy Company, Inc., New York, N. Y. Educational puzzle game. 174,275; June 19.
Alphen, Inc., New York, N. Y. Baseballs, bats, masks, heel and toe plates, etc. 169,232; May 29.
Alphen, Inc., New York, N. Y. Hats, caps, shoes, hose, belts, etc. 169,233; Jan. 9.
Alpina Cheese Co., Burgdorf, Switzerland. Cheese and preserved cheese. 157,127; Jan. 30.
Alpina Cheese Co., Burgdorf, Switzerland. Swiss cheese. 170,110; Mar. 20.
Alpina Cheese Co., Burgdorf, Switzerland. Swiss cheese. 170,111–12; May 8.
Alpina Cheese Co., Burgdorf, Switzerland. Swiss cheese. 170,113; Mar. 20.
Alpina Cheese Co., Burgdorf, Switzerland. Swiss cheese. 170,114; May 8.
Alpine Chocolate Company, Boston, Mass. Candy. 152,666; Jan. 16.
Alpine Chocolates Company, Boston, Mass. Candy. 146,194; Nov. 27.
Alsa Laboratory. (See Shely, Elizabeth.)
Alsdorf, A. J., Corporation, The, Chicago, Ill. Oil heaters. 180,678; Aug. 21.
Alta Clothing Company, Boston, Mass. Men's and youths' overcoats, raincoats, suit coats, suits, vests, and trousers. 181,234; Aug. 7.
Altfeld, Lazarus, doing business as Altfeld Drug Co., South Bend, Ind. Liver pills, headache tablets, eye balm, uterine tonic, cold and grip tablets. 172,855; Apr. 17.
Altman, B. & Co., New York, N. Y. Electric vacuum cleaners. 171,439; Jan. 9.
Altman, B., & Co., New York, N. Y. Hair nets. 178,540; May 22.
Altman, B., & Co., New York, N. Y. Children's dresses. 184,051; Oct. 9.
Altoona Packing Company, Astoria, Oreg. Canned fish. 178,542; July 17.
Altoona Packing Company, Astoria, Oreg. Canned fish. 178,543; Sept. 11.
Altwein O. R., & Co. (See Altwein, Oscar R.)
Altwein, Oscar R., doing business as O. R. Altwein & Co., Asheville, N. C. Hair-straightening combs. 166,733; Mar. 27.
Aluminium - Industrie - Aktien - Gesellschaft, Neuhausen, Switzerland. Calcium carbide, nitric acid, and nitrates. 173,022; Mar. 27.
Aluminium - Industrie - Aktien - Gesellschaft, Neuhausen, Switzerland. Crude and prepared aluminum and aluminum allows. 173,023; Feb. 6.
Aluminium - Industrie - Aktien - Gesellschaft, Neuhausen, Switzerland. Crude and prepared aluminum and aluminum alloys. 174,875; May 1.
Aluminium - Industrie - Aktien - Gesellschaft, Neuhausen, Switzerland. Calcium carbide. 175,290; May 22.

Alphabetical list of trade-mark applicants—Continued.

Aluminium - Industrie - Aktien - Gesellschaft, Neuhausen, Switzerland. Aluminum and aluminum alloys. 175,291; May 1.

Alumino-Thermic Corporation, Roselle Park, N. J. Metallic compounds for use in welding metals. 172,660; May 22.

Aluminum Company of America, Pittsburgh and New Kensington, Pa. Aluminum household, kitchen, and cooking utensils. 167,115; Jan. 2.

Aluminum Company of America, Pittsburgh and New Kensington, Pa. Aluminum and aluminum-base alloys. 180,679; Oct. 30.

Aluminum Sales Co. Inc., New York, N. Y. Kitchen utensils. 142,379; Oct. 23.

Alvord, Josephine L., Henderson, N. Y. Pelts of fur-bearing animals. 165,776; Dec. 4.

Ambridge Knitting Company, Ambridge and Pittsburgh, Pa. Hosiery. 180,680; Sept. 18.

Ambrite Products Company, Centralia, Wash. Cleaning and polishing compound for automobiles, etc. 182,530; Oct. 16.

Ambrosia Chocolate Co., Milwaukee, Wis. Candy. 171,887; Apr. 10.

Ambrosia Chocolate Co., Milwaukee, Wis. Candy. 168,094; Aug. 21.

Ambrosia Chocolate Co., Milwaukee, Wis. Candy. 171,888; Dec. 11.

Amend, Fred W., Co., Chicago, Ill. Candy. 167,286; Feb. 6.

American Abrasive Metals Company, New York, N. Y. Cast metal used for agitating or stirring mineral, etc. 177,464; May 15.

American Agricultural Chemical Company, The, New York, N. Y. Fertilizer. 176,868; Apr. 17.

American Agriculturist, Inc., New York, N. Y. Periodical publication. 178,204; July 10.

American Arch Company, New York, N. Y. Fire and other brick. 158,967; July 17.

American Asphalt Paint Co., Chicago, Ill. Ready-mixed paint. 178,017; July 17.

American Auto Accessories Stores, Wilkes-Barre, Pa. Rubber and fabric tires and tubes for vehicles. 179,579; Oct. 2.

American Auto Lamp Co. Inc., New York, N. Y. Electric automobile lamps. 165,600; May 29.

American Automobile Accessories Company, The, Cincinnati, Ohio. Inner armor or reliner for automobile tires. 120,271; May 22.

American Automobile Accessories Company, The, doing business as Crosley Manufacturing Company, Cincinnati, Ohio. Radioreceivers, radiodetectors, radioamplifiers, electrical condensers, etc. 170,476; Jan. 30.

American Bakery Company, St. Louis, Mo. Bread. 175,179; Sept. 11.

American Banking Machine Corporation, The, Saginaw, Mich. Advertising cards and educational posters. 173,948; Apr. 24.

American Bleached Goods Company Inc., New York, N. Y. Cotton piece goods. 176,522; May 1.

American Bleached Goods Company, Inc., New York, N. Y. Cotton piece goods. 176,525; Dec. 4.

American Bleached Goods Company, Inc., New York, N. Y. Cotton poplins in the piece. 179,255; July 10.

American Bleached Goods Company, Inc., New York, N. Y. Cotton piece goods. 182,896; Aug. 28.

American Bleached Goods Company, Inc., New York, N. Y. Cotton piece goods. 184,198–9; Dec. 4.

American Body Company, Dallas, Tex. Motor vehicle bodies. 166,214; Jan. 2.

American Boron Products Co., Inc., Reading, Pa. Babbitt metal. 165,742; Feb. 20.

American Bottle Cap Co., Seattle, Wash. Bottle caps. 151,777; Apr. 3.

American Bread Wrapper Company, Chicago, Ill. Paper wrappers. 173,160; Feb. 13.

American Briar Pipe Company, Chicago, Ill. Cigar and cigarette holders. 183,685; Oct. 2.

American Buckle Co. (See Hertz, Felix.)

American Burtonizing Company and Wallerstein Laboratories, New York, N. Y. Dextrinous sirup used in making beverages. 160,178; May 1.

American Burtonizing Company and Wallerstein Laboratories, New York, N. Y. Invertase used in making sugar sirups. 166,340; Mar. 27.

American Burtonizing Company and Wallerstein Laboratories, New York, N. Y. Diastatic preparation used for desizing and degumming of fabrics, etc. 183,619; Nov. 13.

American Cash Register Co., Saginaw, Mich. Cash registers. 175,909; May 15.

American Cellulose & Chemical Manufacturing Company, Ltd., New York, N. Y. Composition used in the manufacture of moldings, castings, etc. 162,212; Jan. 9.

American Character Doll Co., Inc., New York, N. Y. Dolls. 179,130; June 19.

American Chemical & Drug Co., Olyphant, Pa. Proprietary medicinal preparation for use as an aid to nature in lung affections, coughs, etc. 171,889; Apr. 10.

American Chemical Manufacturing Co., The, Denver, Colo. Uric-acid solvent and blood purifier. 164,996; Oct. 9.

American Chemical & Manufacturing Corporation, Dover, Del., and Kenilworth, N. J. Rustproofing oils. 169,432; Aug. 28.

American Chemical Paint Company, Philadelphia, Pa. Preparation of acid reaction for preventing rust. 156,955; Apr. 3.

American Chemical Paint Company, Philadelphia, Pa. Water-soluble white powder for removing oil and grease, etc. 181,235; Nov. 20.

American Chicle Company, Long Island City, N. Y. Chewing gum. 175,834; June 19.

American Chocolate Almond Co., The. (See Panoulias, Panayiotis D.)

American Cone & Pretzel Company, Philadelphia, Pa. Cone cake. 162,659; Jan. 2.

American Cone and Pretzel Company, doing business as Continental Packing Corporation, Philadelphia, Pa. Canned peaches, tomatoes, and sweet potatoes. 171,397; May 1.

American Cone and Pretzel Company, doing business as Continental Packing Corporation, Philadelphia, Pa. Canned beans, tomatoes, sweet potatoes, peaches, chili sauce, and catchup put up in containers. 171,398; May 1.

American Cone and Pretzel Company, doing business as Continental Packing Corporation, Philadelphia, Pa. Canned peaches, canned Lima beans, beans, tomatoes, and sweet potatoes. 171,400; May 8.

American Copper Products Corporation, Elizabeth Port, N. J. Bars and insulated wire, cable, and cordage for electrical purposes. 160,685; Apr. 24.

American Copper Products Corporation, Elizabeth Port, N. J. Wire composed of copper specially treated. 160,686; May 8.

American Cotton Oil Company, The, Union Township, near Guttenberg, N. J., and New York, N. Y. Vegetable oil for salad and cooking. 165,575; Feb. 20.

American Cotton Oil Company, The, Union Township, near Guttenberg, N. J., and New York, N. Y. Oil for salads and cooking. 171,520; Apr. 10.

American Cotton Oil Company, The, Union Township, near Guttenberg, N. J., and New York, N. Y. Edible oils and fats and combinations thereof. 176,709; Aug. 28.

American Cotton Oil Company, The, Union Township, near Guttenberg, N. J. Soap stock. 177,466; Nov. 13.

American Cotton Oil Company, The, New York, N. Y. Edible cottonseed, and vegetable oils. 177,812; June 12.

American Cotton Oil Company, The, New York, N. Y. Hard fats and cottonseed oils. 178,425; Sept. 11.

American Cotton Oil Company, The, New York, N. Y. Hard fats and cottonseed oils. 178,425; Nov. 13.

American Cotton Oil Company, The, Union Township, near Guttenberg, N. J., and New York, N. Y. Edible oils and fats. 178,944; Sept. 4.

American Crayon Company, The, Sandusky, Ohio. Paint pigment. 169,391; Jan. 2.

American Crayon Company, The, Sandusky, Ohio. Crayons, chalks, and pencils. 171,440; Apr. 3.

American Crayon Company, The, Sandusky, Ohio. Crayons and pencils. 177,347; May 8.

American Crayon Company, The, Sandusky, Ohio. Water colors. 184,488; Oct. 23.

American Cutlery Company, Chicago, Ill. Table knives of base metal. 149,621; July 3.

American Dealers Trading Corporation, Huntington, Pa. Wheat flour. 173,990; June 5.

American Diamond & Jewelry Co. (See Shapiro, Esther C.)

American Dishwashing Machine Company. (See Simpson, Tracy W.)

American Display Company, The, Dayton, Ohio. Toy electric railway. 174,718; Apr. 10.

American Drafting Furniture Co., Inc., Rochester, N. Y. Drafting tables and boards and attachments for same, etc. 138,746; Oct. 23.

American Druggists Syndicate, Long Island City, N. Y. Perfumes, toilet waters, face cream, etc. 187,371; Dec. 25.

American Dyewood Company, New York, N. Y. Fire-extinguishing compositions and ingredients thereof. 182,897; Oct. 30.

American Education Press, Inc., Columbus, Ohio. Name of a publication. 176,246; June 12.

American Electric Equipment Co., Inc., New York, N. Y. Portable electric lamps and parts thereof, etc. 175,754–5; July 10.

American Electric Equipment Co., Inc., New York, N. Y. Portable electric lamps and parts thereof, etc. 175,758; July 10.

American Fibre Chair Seat Corp., Long Island, N. Y. Fiber chair seat. 177,028; June 12.

American Fork & Hoe Company, The, Cleveland, Ohio. Agricultural hand implements for hoeing and digging. 179,509; Sept. 11.

American Fork & Hoe Company, The, Cleveland, Ohio. Reels for hose and the like. 181,714; Oct. 2.

American Gear Company, Jackson, Mich. Gears and shafts. 180,461; Aug. 28.

American Glue Company, Boston, Mass. Flint paper and cloth, garnet paper and cloth, and emery paper and cloth. 174,648; Mar. 20.

American Glue Company, Boston, Mass. Sandpapers and sand cloths. 187,239; Dec. 25.
American Hair Felt Co., Chicago, Ill. Hair carpet cushions and hair seat cushions. 173,066; May 1.
American Hair Felt Co., Chicago, Ill. Felt. 173,067; Feb. 27.
American Hair Felt Company, Chicago, Ill. Felt insulating material. 174,354–5; Mar. 27.
American Hard Rubber Company, Hempstead and New York, N. Y. Hard-rubber rods, sheets, and tubes. 165,655; Feb. 20.
American Hard Rubber Company, Hempstead and New York, N. Y. Dials made of hard rubber for radio apparatus. 168,093; Jan. 30.
American Hard Rubber Company, Hempstead and New York, N. Y. Combs. 173,024; May 15.
American Hard Rubber Company, Hempstead and New York, N. Y. Combs for dressing, ornamenting, and cleaning the hair. 173,025; Mar. 27.
American Hard Rubber Company, Hempstead and New York, N. Y. Dials made of hard rubber for radio apparatus. 175,694; May 8.
American Hard Rubber Company, Hempstead and New York, N. Y. Aerial insulators and radio panels. 176,778; May 8.
American Hominy Company, Chicago, Ill. Self-rising flour. 173,391; May 8.
American Hominy Company, Chicago, Ill. Hominy. 178,156; Aug. 21.
American Hominy Company, Chicago, Ill. Poultry feeds and mash. 178,489; Sept. 18.
American Hominy Company, Chicago, Ill. Core oils. 178,655; May 29.
American Hone Co., Olean, N. Y. Hone. 185,237; Nov. 20.
American Injector Company, Detroit, Mich. Bearing alloys. 173,341; Feb. 6.
American Insecticide Co., The, Lima, Ohio. Insecticide. 177,758; July 10.
American Institute of Rational Therapeutics, Chicago, Ill. Electrical outfits for electronic diagnosis. 182,954; Oct. 30.
American Institute of Rational Therapeutics, Chicago, Ill. Treatment outfits for electrotherapeutics. 182,955; Oct. 30.
American Institute of Rational Therapeutics, Chicago, Ill. Electrical outfits for electronic diagnosis and electrotherapeutics. 182,956; Oct. 30.
American Interseas Corporation, New York, N. Y. Woolen piece goods. 166,866; Dec. 4.
American Knit Products Company. (See Marshall, Ethel L., assignor.)
American Kreuger & Toll Corporation, New York, N. Y. Pharmaceutical preparation used for the treatment of foot and mouth diseases, etc. 174,719; Aug. 7.
American La France Fire Engine Company, Inc., Elmira, N. Y. Hand fire extinguisher. 169,965; Jan. 2.
American La France Fire Engine Company, Inc., Elmira, N. Y. Motor-driven vehicles. 184,052; Oct. 30.
American Lace Paper Company, Milwaukee, Wis. Paper wadding. 182,784; Sept. 11.
American Lady Corset Company, Detroit, Mich. Corsets, brassières, girdles, etc. 167,067; Jan. 2.
American Lady Corset Company, Detroit, Mich. Corsets, corset waists, brassières, bandeaux, girdles, etc. 167,752; Jan. 2.
American Lady Corset Company, Detroit, Mich. Corsets, corset waists, brassières, hose supporters, etc. 179,916; July 17.
American Lady Corset Company, Detroit, Mich. Cotton, silk, woolen, etc., piece goods. 179,917; Aug. 28.
American Lady Corset Co., Detroit, Mich. Corsets, brassières, girdles, etc. 183,242; Dec. 25.
American Lady Waist Co., The, New York, N. Y. Ladies' waists. 155,589; July 31.
American Larson Ventilating Co., Pittsburgh, Pa. Industrial ventilators for buildings, Manufacturing and industrial plants, etc. 178,157; June 12.
American Laundry Machinery Company, The, Cincinnati, Ohio. Clothes-pressing machines. 185,809; Dec. 4.
American Lead Pencil Company, New York, N. Y. Erasers, lead pencils, refill leads, rubber bands, and copying pencils. 154,425; Mar. 13.
American Lead Pencil Company, New York, N. Y. Lead pencils. 174,683; May 22.
American Lead Pencil Company, New York, N. Y. Pencil clips. 182,462; Oct. 2.
American Lock Manufacturing Co., assignor, by mesne assignments, to J. Junkung, Chicago, Ill. Locks. 155,292; June 5.
American Machine and Foundry Co., Brooklyn, N. Y. Cigar and cigarette machinery and parts thereof, sickle bars and sickle bar blades for agricultural machines, etc. 171,197; Feb. 27.
American Magnesium Corporation, Niagara Falls, N. Y. Magnesium and magnesium alloys. 182,492; Oct. 23.
American Manufacturers Foreign Credit Underwriters, Inc., New York, N. Y. Periodical published monthly. 175,120; Oct. 2.
American Manufacturing Company. (See Markt & Hammacher Company.)
American Manufacturing Company, Boston, Mass., and Brooklyn, N. Y. Rope, cord, and twine manufacture from vegetable fiber. 166,547; Mar. 13.
American Marine Paint Company, Inc., New York, N. Y. Paints. 174,987; Apr. 24.
American Mayonnaise Company, Inc., Ithaca, N. Y. Salad dressing. 169,433; Mar. 27.
American Mechanical Works, Los Angeles, Calif. Automobile accessories, particularly foot throttles. 182,393; Sept. 11.
American Metal Cap Company, Brooklyn, N. Y. Metal caps and closures. 181,628; Oct. 23.
American Milk Products Corporation, New York, N. Y. Canned sweetened milk. 164,019; Feb. 20.
American Milling Company, Peoria, Ill. Dairy feed. 163,848; Apr. 3.
American Milling Company, Peoria, Ill. Egg mash. 172,925; June 5.
American Milling Company, Peoria, Ill. Chick mash. 172,926; June 5.
American Mills Company, Atlanta, Ga. Wrapping twine. 184,808; Oct. 16.
American Mint Company, Philadelphia, Pa. Display device. 170,858; Feb. 20.
American Motorsign Company, Cincinnati, Ohio. Moving-advertisement-projection machines. 172,971; June 5.
American Mutual Liability Insurance Company of Boston, Boston, Mass. Monthly publication. 178,019; July 31.
American Nickel Corporation, Clearfield, Pa. Nickel sheets, rods, wire, etc. 170,802; Mar. 6.
American Nicotine Company, Henderson, Ky. Nicotine sulphate, free nicotine, and tobacco extracts. 162,096; Aug. 14.
American Oil Company, The, Baltimore, Md. Crank-case flushing oil. 171,719; Apr. 3.
American Oil Company, The, Baltimore, Md. Gasoline motor fuels and lubricating oils. 173,222; Feb. 13.
American Oil Corporation, Jackson, Mich. Lubricating oils. 174,277; Mar. 27.
American Optical Company, Southbridge, Mass. Spectacles, eyeglasses, and ophthalmic lenses. 140,766; June 12.
American Oriental Candy Mfg. Co., Richmond, Va. Candy. 153,793; May 22.
American Pickle & Canning Co., Hattiesburg, Miss. Pickles and canned vegetables. 166,621; May 15.
American Pickle & Canning Co., Hattiesburg, Miss. Canned vegetables and sweet mixed pickles. 166,622; Apr. 10.
American Pickle & Canning Company, Hattiesburg, Miss. Pickles and canned vegetables. 172,715; Aug. 14.
American Pickle & Canning Company, Hattiesburg, Miss. Pickles. 172,716; Apr. 17.
American Pickle & Canning Company, Hattiesburg, Miss. Pickles. 172,717; May 8.
American Pin Company, The, Waterbury, Conn. Safety pins. 177,061; May 8.
American Platinum Works, Newark, N. J. Certain gold, platinum, palladium, and silver metals and solder and rolled sheets and plates. 173,392; Apr. 3.
American Printing Company, Fall River, Mass. Cotton piece goods. 185,737; Nov. 13.
American Products Company, The. (See Mills Brothers Company.)
American Rack Company, Inc., Washington, D. C. Holders or cabinets for holding paper bags and dispensing them. 170,747; Feb. 27.
American Radiator Company, East Orange, N. J., and Chicago, Ill. Combined boiler and heater. 154,073; Apr. 24.
American Radio & Electric Co., New York, N. Y. Radio sets and parts thereof. 169,572; Jan. 23.
American Radio Relay League, Inc., The, Hartford, Conn. Booklets or pamphlets. 177,159; Aug. 21.
American Radium Appliance Company, New York, N. Y. Medicinal preparation indicated in chronic inflammations of the mucous membranes. 179,699; Aug. 7.
American Range & Foundry Company, Minneapolis, Minn. Refrigerators. 173,549; Mar. 6.
American Range & Foundry Company, Minneapolis, Minn. Metal tops, for kitchen and other tables. 173,550; May 1.
American Range & Foundry Company, also doing business as Minnesota Stove Company, Minneapolis, Minn. Electric stoves and ranges. 173,551; July 24.
American Range & Foundry Company, Minneapolis, Minn. Clothes-washing machines. 173,552; Apr. 24.
American Refining and Manufacturing Company, Los Angeles, Calif. Lubricating oils and greases and gasoline. 177,261; May 29.
American Refractories Company, Pittsburgh, Pa. Refractory bricks and special shapes of clay, tile, and brick. 169,046–7; Feb. 27.
American Rubber & Tire Co., The, Akron, Ohio. Belts, shoes, and slippers. 156,208; Feb. 20.
American Rust Proof Co. Inc., The, New York, N. Y. Composition for treating metallic surfaces to prevent rust. 186,263; Dec. 25.
American Sack Co., Chicago, Ill. Cloth mailing bags. 173,991; Feb. 27.
American Safety Razor Corporation, Brooklyn, N. Y. Razors, razor blades. 181,101; Oct. 2.

Alphabetical list of trade-mark applicants—Continued.

American Safety Razor Corporation, Brooklyn, N. Y. Penknives, penknives with detachable blades, razors, etc. 181,666; Oct. 30.
American Safety Razor Corporation, Brooklyn, N. Y. Razor sets. 182,493; Sept. 11.
American Seeding Machine Company, The, Springfield, Ohio. Seeding implements, particularly grain drills and broadcast seeders. 178,654; Aug. 7.
American Skein & Foundry Company, Racine, Wis. Piano plates. 186,454; Dec. 11.
American Social Hygiene Association, New York and Albany, N. Y. Title of its educational and scientific quarterly magazine. 167,860; Jan. 30.
American Soldier Co., The, Glendale, Brooklyn, and New York, N. Y. Games and toys. 180,648; Aug. 21.
American Sport Shop, Inc., New York, N. Y. Sporting goods—namely, ice skates. 175,453; Apr. 24.
American Steam Gauge & Valve Manufacturing Company, Boston, Mass. Indicating and recording gauges and thermometers, engine indicators, etc. 154,346; June 26.
American Steam Gauge & Valve Manufacturing Company, Boston, Mass. Steam traps, feed-water grease extractors, pot safety valves, and relief valves. 180,409; June 26.
American Steel Chase Co., New York, N. Y. Washes for cleaning type, halftone cuts, wood type, etc. 167,969; Feb. 20.
American Steel Foundries, Chicago, Ill. Draft arms. 164,216; Jan. 23.
American Steel and Wire Company of New Jersey, The, Cleveland, Ohio; Chicago, Ill.; Pittsburgh, Pa.; New York, N. Y., and Worcester, Mass. Nails. 168,594; Apr. 3.
American Steel and Wire Company of New Jersey, The, Cleveland, Ohio; Chicago, Ill.; Pittsburgh, Pa.; New York, N. Y., and Worcester, Mass. Nails. 168,595; Feb. 13.
American Steel and Wire Company of New Jersey, The, Cleveland, Ohio; Chicago, Ill.; Pittsburgh, Pa.; New York, N. Y.; and Worcester, Mass. Metal fenceposts. 180,954; Aug. 14.
American Steel and Wire Company of New Jersey, The, Cleveland, Ohio. Cordage. 186,623; Dec. 25.
American Stock Food Co., The, Blanchester, Ohio. Hog tonic and food. 177,759; Sept. 18.
American Stove Company, St. Louis, Mo. Gas, coal, oil, and gasoline stoves. 166,163; Jan. 2.
American Stove Company, St. Louis, Mo. Ovens for gas, gasoline, and oil stoves. 174,720; Aug. 14.
American Stove Company, St. Louis, Mo. Gas, coal, oil, and gasoline stoves. 181,330; Dec. 11.
American Sugar Refining Company, The, Jersey City, N. J., and New York, N. Y. Sugar. 177,945; Sept. 11.
American Summer Clo Co., New York, N. Y. Men's mohair suits. 170,553; June 5.
American Syrup Company, Inc., Boston, Mass. Beverages sold as soft drinks and sirups, extracts, emulsions, and pastes for making the same. 168,191; Dec. 18.
American Syrup Company, Inc., Boston, Mass. Jams, jellies, and icings. 168,192; Feb. 6.
American Syrup Co., Boston, Mass. Flavoring sirups, fruit acids, and quintescences for making soft drinks, and the soft drinks made from same and distilled water. 172,856; Feb. 20.
American System Company. (See Hawks, P. L.)
American Tea & Coffee Co., Inc., Nashville, Tenn. Spices. 141,447; May 15.
American Tea & Coffee Co., Nashville, Tenn. Coffee. 185,170; Dec. 18.
American Textile Art Printing & Dyeing Company, Fort Wayne, Ind. Bedspreads, tablecloths, table covers, luncheon cloths, etc. 159,134; Feb. 13.
American Thermos Bottle Company, Norwich, Conn. Temperature-retaining vessels. 181,102; Sept. 4.
American Thermostat Co., Newark, N. J. Thermostatic temperature-control apparatus. 171,115; Jan. 2.
American Thread Company, The, Jersey City, N. J., and New York, N. Y. Spool and sewing cotton, cotton thread, cotton yarn, knitting cotton, etc. 175,910; Apr. 10.
American Thread Company, The, Jersey City, N. J., and New York, N. Y. Cotton thread and yarn. 183,640; Oct. 2.
American Toilet Goods Company, Boston, Mass. Face, talcum, sachet, toilet powders, compacts, lipsticks, etc. 166,429; Jan. 2.
American Transformer Company, Newark, N. J. Transformers used in radio apparatuses and parts therefor. 175,289; May 1.
American Tripoli Company, Seneca, Mo. Tripoli flour. 165,109; Feb. 6.
American Uniform Company, Inc., Wales, Mass. Woolen fabrics in the piece. 170,115; Apr. 24.
American Varnish Co., The, Chicago, Ill. Paint enamels. 177,891–2; June 26.
American Watch & Diamond Company, New York, N. Y. Imitation-pearl necklaces. 171,007; Jan. 16.
American Watch Import Company, Detroit, Mich. Watchcases. 173,736; Apr. 24.
American Webbing Company, Providence, R. I. Braid for use in making rugs. 166,703; May 8.
American Wheel Company, Philadelphia, Pa. Automobile steering-post locks. 145,000; Nov. 20.
American Wholesale Corporation, Baltimore and Cumberland, Md. Publications issued monthly. 122,458; Mar. 27.
American Wholesale Corporation, Baltimore and Cumberland, Md. Pyjamas and nightshirts. 128,994; Oct. 16.
American Wholesale Corporation (Baltimore Bargain House), Baltimore, Md. Hosiery. 170,613; May 15.
American Wholesale Corporation (Baltimore Bargain House), Baltimore, Md. Mouth harmonica. 172,816; June 19.
American Wholesale Corporation (Baltimore Bargain House), Baltimore, Md. Knitted underwear, sweaters, and bathing suits. 172,817; June 5.
American Wholesale Corporation (Baltimore Bargain House), Batimore, Md. Clocks. 172,819; Feb. 20.
American Wholesale Corporation (Baltimore Bargain House), Baltimore, Md. Catalogue issued monthly. 179,256; Aug. 7.
American Wholesale Corporation (Baltimore Bargain House), Baltimore, Md. Needles, crochet hooks, and thimbles. 180,262; Nov. 27.
American Wholesale Corporation (Baltimore Bargain House), Baltimore, Md. Sanitary napkins. 183,954; Oct. 23.
American Wiremold Company, Hartford, Conn. Braiding and weaving machines. 179,703; Aug. 7.
American Witch Hazel Supply Co., New York, N. Y. Perfume extract, talcum powder, cold cream face lotion, etc. 178,701; Aug. 14.
American Woolen Company, Rochdale, Mass. Woolen piece goods. 181,372; Aug. 7.
American Writing Machine Company, Ilion, N. Y., and Newark, N. J. Swinging shelf. 183,956; Dec. 4.
American Writing Paper Company, Holyoke, Mass. Writing and printing paper, and mailing envelope. 175,540; May 15.
American Writing Paper Company, Holyoke, Mass. Writing and printing paper and mailing envelopes. 179,701; June 19.
American Writing Paper Company, Holyoke, Mass. Bristol paper. 182,037; Sept. 11.
Americanese Society of New York. (See Boals, Clarence P.)
Amertex Mills, Inc., The, Bridgeport, Conn., and New York, N. Y. Women's, children's, and infants' coats, cloaks, wraps, etc. 160,852; Aug. 14.
Ames & Ames, Mecca, Calif. Fresh citrous fruits, fresh grapes, and vegetables. 179,510; July 31.
Ames, F. A., Company, The, Owensboro, Ky. Buggies and carriages and bodies and tops of the same and automobile bodies and tops, etc. 153,426; Jan. 23.
Ames Shovel & Tool Company, Jersey City, N. J., and Boston, Mass. Shovels, spades, and scoops. 170,348; Jan. 9.
Ames Shovel & Tool Company, Jersey City, N. J., and Boston, Mass. Shovels, spades, and scoops. 174,986; Apr. 17.
Amore Drug & Chemical Company, New York, N. Y. External remedies for skin diseases. 175,977; May 29.
Amos-James Grocer Co., The, St. Louis, Mo. Coffee, canned vegetables, fruits, and fish, and evaporated milk. 169,997; Mar. 13.
Amos-James Grocer Co., The, St. Louis, Mo. Canned vegetables, fruits, berries, fish, etc. 176,151; Nov. 6.
Amory, Browne & Co., Boston, Mass. Textile cotton fabrics. 181,103; July 17.
Amsterdam, Peter, doing business as The Amsterose Co., Philadelphia, Pa., and New York, N. Y. Shaving cream. 171,720; June 5.
Amsterose Co., The. (See Amsterdam, Peter.)
Anaconda Copper Mining Company, New York, N. Y. Cast, drawn, rolled, extruded, pressed, and machined nonferrous metals and alloys and ingots, castings, sheets, etc. 164,291; Apr. 3.
Anaconda Copper Mining Company, New York, N. Y. Metals and alloys and ingots, castings, etc. 165,112; Oct. 23.
Anaconda Copper Mining Company, New York, N. Y. Tubes. 177,062; July 10.
Anaconda Copper Mining Company, New York, N. Y. Finished commutator copper bars and strips. 177,063; June 5.
Anaconda Copper Mining Company, New York, N. Y. Cast, drawn, rolled, extruded, pressed, and machined nonferrous metals and alloys and ingots, castings, etc. 177,208; Sept. 25.
Anaconda Copper Mining Company, New York, N. Y. Finished commutator copper bars and strips. 177,209; June 5.
Anaconda Copper Mining Company, New York, N. Y. Tubes. 177,210; Aug. 7.
Anaconda Lead Products Company, New York, N. Y. White lead, both dry and in oil. 164,094; Jan. 9.
Anaheim Valencia Growers Ass'n, Anaheim, Calif. Fresh citrous fruits. 178,370; Aug. 7.
Anastopoulos, Gust, San Francisco, Calif. Tomato paste. 162,712; Nov. 13.
Anawan Braid Company. (See Adjusto Shoe Lace Company.)
Anchor Cap & Closure Corporation, Long Island City, N. Y. Fruit-jar rings. 174,353; May 22.

Alphabetical list of trade-mark applicants—Continued.

Anchor Company, The. (See Goldstein, Abraham S.)
Anchor Sales Service. (See Mason, Robert L.)
Anchor Serum Company, South St. Joseph, Minn. Anti-hog-cholera serum. 184,053; Nov. 27.
Anchor Stove & Range Co., New Albany, Ind. Stoves, ranges, and heaters. 150,425; Jan. 9.
Anchorage Packing Co., Seattle, Wash. Canned salmon. 179,918; July 31.
Andersen, Charles M., doing business as Andersen Specialty Co., Chicago, Ill. Liquid wood cleaners and the like for preparing wooden surfaces. 166,546; Jan. 23.
Andersen Specialty Co. (See Andersen, Charles M.)
Anderson, A. W., Corporation, New York, N. Y. Furniture, namely, wardrobes, chests, lockers, bureaus, drawers, and cabinets. 171,401; Feb. 20.
Anderson, Arthur A., doing business as Arthur Anderson Fish Co., Astoria, Oreg. Canned salmon. 172,821; Apr. 17.
Anderson, Arthur A., doing business as Arthur Anderson Fish Co., Astoria, Oreg. Canned salmon. 172,822; May 8.
Anderson, Chas., Wasco, Calif. Fresh grapes. 182,898; Sept. 25.
Anderson, Clayton & Co., Houston, Tex. Raw cotton. 181,804; Aug. 21.
Anderson, Cleon E., doing business as D. W. Anderson Drug Co., Moroni and Ephraim, Utah. Preparation for canker and sore throat. 175,292; July 31.
Anderson, Embry E., Memphis, Tenn. Oats for use as stock feed. 175,835; Nov. 20.
Anderson, Embry E., Memphis, Tenn. Oats for use as stock feed. 175,836; Dec. 11.
Anderson, Embry E., Memphis, Tenn. Oats for use as stock feed. 175,837; Nov. 20.
Anderson Hosiery Mills, Anderson, S. C. Hosiery. 184,155; Oct. 16.
Anderson, M. V., & Company, Lewiston, Me. Perfumes, toilet water, sachet, etc. 180,955; Dec. 4.
Anderson, Maurice K., Seattle, Wash. Candy. 167,446; Feb. 6.
Andrews Brothers Company, Inc., Pittsburgh, Pa. Fresh citrous fruits and fresh vegetables. 176,152; May 15.
Andrews, H. P., Paper Company, New York, N. Y. Index bristol paper. 167,753; Aug. 21.
Andrews, H. P., Paper Company, New York, N. Y. Bond paper. 167,754; Aug. 21.
Andrews, H. P., Paper Company, New York, N. Y. Ledger paper. 167,757; Aug. 21.
Andrews, H. P., Paper Company, New York, N. Y. Ledger paper. 167,760; Aug. 28.
Andrews, H. P., Paper Company, New York, N. Y. Paper suitable for making copies from stencil impressions. 171,402; Oct. 9.
Andrews, H. P., Paper Company, New York, N. Y. Index bristol paper. 171,405; Aug. 21.
Andrews, H. P., Paper Company, New York, N. Y. Paper suitable for making copies from stencil impressions. 171,406; Oct. 9.
Andrews, H. P., Paper Company, New York, N. Y. Thin soft paper. 171,407; Aug. 21.
Andrews, William, Niagara Falls, N. Y. Ointment for the treatment of eczema and other skin diseases. 175,231; Dec. 18.
Andron Hygienic Company, New York, N. Y. Soap cream for shaving. 186,264–5; Dec. 11.
Angel, H. Reeve, & Co., Inc., New York, N. Y. Bond and correspondence paper. 178,020; June 5.
Angeles Packing Company. (See Conniff, Harry.)
Anglo-American Mill Company. (See Sandefur, Charles O., assignor.)
Anglo Indian Drug & Chemical Co., The, doing business as Kaminia Perfumery Co., Bombay, India. Perfumery and hair oil. 166,869; Aug. 14.
Anhydrous Food Products Co., The, Chicago, Ill. Dehydrated soup mixture, vegetables, fruits, fish, and meats. 136,346; Apr. 10.
Animated Miniature Theatre Corp., The, New York, N. Y. Miniature theaters in the nature of an advertising device. 175,830; Oct. 23.
Aniseptol Chemical Co. (See Barab, Jacob.)
Anita Company, The. (See Rostow, Anna D.)
Anna Creamery Company, Anna, Ohio. Butter. 174,685; July 31.
Ansco Company, Binghamton, N. Y. Photographic films. 169,274; Jan. 2.
Ansco Company, Binghamton, N. Y. Combined camera and film kits. 169,798; Apr. 3.
Ansco Company, Binghamton, N. Y. Photographic films. 178,797–807; July 10.
Ansehl, David, doing business as The Beauty House, St. Louis, Mo. Toilet preparation for the eyes. 183,811; Nov. 20.
Ansonia O & C Co., The, Ansonia, Conn. Clasps for arm bands. 165,053; May 1.
Ansonia O & C Co., The, Ansonia, Conn. Elastic webbing. 184,954; Nov. 27.
Ansted & Burk Co., The, Springfield, Ohio. Poultry feed. 171,783; May 8.
Ansted & Burk Company, The, Springfield, Ohio. Wheat flour. 184,704; Dec. 25.
Anthony Company, Streator, Ill. Vehicle bodies and parts. 155,538; Jan. 9.
Anthony, Harry W., Strausstown, Pa. Men's hosiery. 171,522; Aug. 7.
Anthracite Supply Company. (See Isreal, Ralph.)
Anti-Darn Hosiery Mills. (See May Hosiery Mills.)
Anti-Hydro Waterproofing Company, Newark, N. J. Liquid for use with concrete and cement mixtures. 174,423; Mar. 27.
Antle, Paul, doing business as Mainette Company, St. Louis, Mo. Face powder, cold and vanishing cream, lip stick, etc. 182,394; Dec. 4.
Anzell, Alexander A., doing business as Specialty Manufacturing Company, Brooklyn, N. Y. Dental, optical, and surgical mirrors, etc. 187,656; Dec. 25.
Apaca Knitting Mills. (See Forstadt, Jacob.)
Apel-Schneider Co., Philadelphia, Pa. Shoes, boots, and slippers. 169,667; Mar. 6.
Apex Electrical Manufacturing Company, The, Cleveland, Ohio. Electrical cooking apparatus. 182,639–41; Sept. 18.
Apex Electrical Manufacturing Company, The, Cleveland, Ohio. Electrical cookers. 183,430; Oct. 23.
Apex Motor Fuel and Lubricant Co., Chicago, Ill. Lubricating oils and gasoline. 167,156; May 29.
Apfelbaum, Frederick A., New York, N. Y. Lantern slides. 158,280; June 5.
Apollo Drug Company, Gary, Ind. Tonic medicine for the stomach, bowels, blood, nerves, etc. 185,240; Dec. 18.
Apollo Shirt Company, New York, N. Y. Dress and top shirts. 176,869; Sept. 18.
Apopka Fire Apparatus Co., Apopka, Fla. Hand fire extinguishers, receptacle type. 167,445; Feb. 20.
Appel-Hall, Philadelphia, Pa. Sweaters, cardigan jackets, bathing suits. 184,054; Oct. 9.
Apple Gum Company, Inc., New York, N. Y. Chewing gum. 173,161; May 8.
Applegate, Howard T., Montclair, N. J. Flexible shoulder straps. 165,054; Sept. 11.
Appleton Company, Lowell, Mass. Cotton piece goods. 186,819–21; Dec. 11.
Appleton Toy & Furniture Co., Appleton, Wis. Porch furniture. 161,403; Apr. 7.
Apter Co., Inc., The, New York, N. Y. Hosiery. 184,577; Nov. 27.
Arabol Manufacturing Co., The, New York, N. Y. Powdered vegetable glues. 179,641–2; July 10.
Arango y Arango, Tampa, Fla. Cigars. 170,676; Jan. 16.
Arata, John B. Jr., Inc., Philadelphia, Pa. Candies. 180,515; Sept. 11.
Arbuckle Brothers, New York, N. Y., and Chicago, Ill., and also doing business as Arbuckles & Company, Pittsburgh, Pa. Coffee. 166,162; Mar. 27.
Arbuckle Brothers, New York, N. Y. Coffee. 177,348; May 29.
Arbuckles & Company. (See Arbuckle Brothers.)
Arcadia, The. (See Dilas, Harry.)
Arcady Farms Milling Company, Chicago, Ill. Prepared feed for animals, comprising feed for poultry and live stock. 160,847; Mar. 27.
Arcady Farms Milling Company, Chicago, Ill. Poultry feed. 172,574; Mar. 20.
Arcady Farms Milling Company, Chicago, Ill. Stock and poultry feeds. 176,056; Nov. 13.
Arcady Farms Milling Company, Chicago, Ill. Prepared stock feed. 178,205; Aug. 21.
Arcese, Pasquale, doing business as Virginia Ice Cream Company, Portsmouth, Va. Ice cream. 163,729; Mar. 6.
Arch Narrow Fabric Company, Auburn, R. I. Braid, braided tapes, elastic laces, etc. 181,470; Oct. 2.
Archambault, B., Aurelia, St. Louis, Mo. Hair elixir. 168,627; Jan. 2.
Archbold-Giger & Co., Paterson, N. J. Wheat flour. 181,807; Nov. 13.
Archbold-Giger & Co., Paterson, N. J. Wheat flour. 181,808; Nov. 20.
Archer, Lenah B., Navarre, Ohio. Alloy made from nickel ore for forging steel. 168,288; July 31.
Archer Strauss Rubber Company, Framingham, Mass. Waterproof fabrics. 170,705; Mar. 13.
Archibald & Lewis Company, New York, N. Y. Spices, birdseed, bird food, seasoning herbs, tapioca. 165,475; June 5.
Arcularius, Dr. Rudolf, doing business as Arcula, Chemische Fabrik, Rostock, Germany. Preparation for treatment of indigestion. 175,697; Dec. 4.
Ardath Tobacco Company, Limited, London, England. Cigarettes. 171,978–9; Feb. 27.
Ardath Tobacco Company, Limited, London, England. Smoking tobacco. 171,981; Jan. 9.
Ardath Tobacco Company, Limited, London, England. Cigarettes. 171,982; Feb. 20.
Arden, Elizabeth. (See Lewis, Florence N.)
Arden Products Corporation, The, Chicago, Ill. Garment bag. 185,911; Dec. 4.
Arena, A., & Co., Los Angeles, Calif. Fresh cantaloupes. 174,763; July 24.
Aridor Company, The, Chicago, Ill. Jars, cases, and other receptacles. 163,850; May 29.
Aridor Company, The, Chicago, Ill. Air conditioning and cooling devices for use in show cases, etc. 179,511; Oct. 16.

Alphabetical list of trade-mark applicants—Continued.

Ariel Works Ltd., Birmingham, England. Cycles, motor cycles, automobiles, aeroplanes, and carriages. 137,252; Aug. 14.
Arion Shirt Company. (See Trachtenberg, Harvey.)
Ariston Metal Company, Inc., New York, N. Y. Bearing metal. 186,578; Dec. 25.
Arizona Citrus Growers' Co., Phoenix, Ariz. Fresh citrous fruits. 172,857; Apr. 17.
Arizona Lacquer Mfg. Co., Inc., Brooklyn, N. Y. Lacquers, lacquer enamels, thinners, etc. 186,768; Dec. 11.
Arkadelphia Milling Co., Arkadelphia, Ark. Laying mash, scratch feed, poultry feed, etc. 184,228; Dec. 18.
Arkadelphia Milling Co., Arkadelphia, Ark. Stock feed. 185,355; Dec. 25.
Arkadelphia Milling Company, Arkadelphia, Ark. Stock feed. 183,641; Dec. 18.
Arkansas Chemical Association, Little Rock, Ark. Bactericide and disinfectant. 167,794; Jan. 2.
Arkelian, Ben H., & Co., Fresno, Calif. Fresh grapes and cantaloupes. 164,482; June 5.
Arlington Chemical Company, The, Yonkers, N. Y. Proteins, pollens, urease, etc. 173,587; May 8.
Arlt, Anna H., Brooklyn, N. Y. Rouge. 179,512; Oct. 9.
Armand Company, The, Des Moines, Iowa. Cold-cream powder. 174,994; June 5.
Armand Company, The, Des Moines, Iowa. Face powder, cold cream, rouge, and perfume. 183,243; Dec. 4.
Armand Company, The, Des Moines, Iowa. Rouge. 183,244; Dec. 4.
Armiger Chemical Co., Chicago, Ill. Friction compound in wafer form for application to brake linings, etc. 173,618; Mar. 20.
Armored Trunk Mfg. Co. (See Knell, Louis.)
Armour and Company, Chicago, Ill. Medicinal preparation used in the treatment of diabetes. 178,702; July 17.
Armour Fertilizer Works, Chicago, Ill., and Louisville, Ky. Commercial fertilizer. 174,952; Mar. 27.
Armstrong Cork Company. Pittsburgh and Lancaster, Pa. Rubber heels. 159,828; Apr. 3.
Armstrong Cork Company, Pittsburgh, Pa. Gaskets, washers, packing and friction surfaces. 162,526; Jan. 30.
Armstrong Cork Company, Pittsburgh, Pa. Crown seals and closures for bottles, etc. 164,292; Mar. 27.
Armstrong Cork Company, Pittsburgh, Pa. Crown seals and closures for bottles, cork and cork-composition closures and seals for bottles. 164,293; Feb. 20.
Armstrong Cork Company, Pittsburgh, Pa. Crown seals and closures for bottles, cork and cork-composition closures, etc. 164,294; Mar. 13.
Arnold, Cheney & Co., Inc., New York, N. Y. Cotton piece goods. 174,164; Oct. 16.
Arnold, Cheney & Co., Inc., New York, N. Y. Cotton piece goods. 176,780; May 1.
Arnold, F. R. & Co., New York, N. Y. Toilet preparation for refreshing and rejuvenating the skin and for removing wrinkles. 168,868; Jan. 2.
Arnold, F. R., & Co., New York, N. Y. Perfumery extracts, toilet powders, and bath crystals. 180,166; Dec. 25.
Arobin Drug Company, Milwaukee, Wis. Preparation for neuralgia, neuritis, headaches, and colds. 152,668; Jan. 2.
Arro Oil & Refining Company, Lewistown, Del. Gasoline, kerosene, and motor oils. 179,643; Sept. 11.
Arrow Knitting Company. (See Cohen, Jacob H.)
Arrow Paint & Wall Paper Company, Denver, Colo. Wall paper. 182,643; Sept. 11.
Arroway, The, Chicago, Ill. Face powder, cold cream, hair pomade, etc. 179,345; Aug. 28.
Arrowhead Trading Corporation, New York, N. Y. Razors. 169,471; Mar. 6.
Art-Ad Studio, Mansfield, Ohio. Folders, circulars, leaflets, etc., advertisements, advertising and like matter sold to the trade as such. 179,257; Nov. 13.
Art Industries, Inc. (See Waldmeyer, Francis J., assignor.)
Art Label Company, The. (See Lasher, Charles, W., jr.)
Art Ornament Co., The, New York, N. Y. Manicure sets. 179,450; Sept. 4.
Artemisia. (See Lequy, Jules.)
Artists Brush and Color Corporation, New York, N. Y. Artists' materials. 175,454; July 10.
Artsilk Knitting Mills, West New York, N. J. Silk and silk and cotton goods in piece. 168,348; June 12.
Artsilk Knitting Mills, New York, N. Y. Broad silk in the piece. 169,743; June 19.
Arthur Company. (See Arthur, Philip S.)
Arthur, Philip S., doing business as Arthur Company, New York, N. Y. Lard. 165,113; Jan. 2.
Arwe, Carl H., Manufacturing Company, Brooklyn, Mass. Coffee, chocolate, water and other urns, sugar bowls, fruit bowls, and steam tables. 169,742; Feb. 6.
Asbestos and Allied Products Co., New York, N. Y. Asbestos brake lining and clutch-disk facing. 174,813; Apr. 3.
Asbestos, Limited, New York, N. Y. Paints. 177,262; June 19.
Asbestos, Limited, New York, N. Y. Plastic roofing compound, slate surface shingles, strip shingles, etc. 177,263; June 12.

Ashaway Line & Twine Manufacturing Company, Ashaway, R. I. Fishing line. 182,494; Nov. 27.
Asher, Chester A., Germantown, Philadelphia, Pa. Candy. 165,477; Nov. 6.
Asher, Helen, doing business as Francis Lee & Company, San Francisco, Calif. Furniture polish. 170,603; Feb. 13.
Asher, Mollie, doing business as Paradise Preparations, Chicago, Ill. Cold cream, greaseless cream, lotions, toilet waters, and perfumes. 163,070; May 29.
Ashley, Frank R., Denver, Colo. Awnings, awning frames, covers, and parts thereof. 173,068; May 8.
Ashton, James, Baron, doing business as Jas. Williamson & Son, Lancaster, England. Fabric for window shades. 172,190; Dec. 4.
Ashton, James, Baron, Lancaster, England. Oil fabrics for floor coverings, table coverings, etc. 172,191; Dec. 4.
Ashton, James, Baron, doing business as Jas. Williamson & Son, Lancaster, England. Linoleum. 172,192; Dec. 4.
Asia Company, The, Los Angeles, Calif. Bottled and barreled sauce, soy, packed miso, etc. 174,163; July 24.
Asia Sales Corporation, Portland, Oreg. Carpets, rugs, and draperies. 181,236; Aug. 28.
Asiatic Import Co. Inc., New York, N. Y. Toy animals. 177,029; May 15.
Asiatic Import Co., Inc., New York, N. Y. Toy animals. 177,030; Apr. 24.
Askegaard, E. D., Moorhead, Minn. Potatoes in their natural state. 175,911; June 19.
Askin & Marine Company, New York, N. Y. Men's and ladies' wearing apparel. 148,860–2; Nov. 27.
Askinn, Morris H., doing business as Trickitone Laboratories, New York, N. Y. Hair tonic. 175,593; May 29.
Asmus Bros., Detroit, Mich. Coffee. 180,733; Oct. 30.
Asp Faysol Company, New York, N. Y. Mud salve and mud pack and mud-pack beautifier. 182,372; Oct. 16.
Aspegren & Co., Inc., New York, N. Y. Corn oil for food purposes. 165,436; Jan. 30.
Assets Producing Company, doing business as Atlantic-Pacific Paint Works, Chicago, Ill. Ready-mixed paints, varnishes, stains, and colors. 179,921; Sept. 4.
Associated Editors, Chicago, Ill. Title for cartoons. 177,119; June 12.
Associated Exhibitors Inc., Dover, Del., and New York, N. Y. Motion pictures. 175,759; Apr. 24.
Associated Fruit Co., Los Angeles, Calif. Fresh grapes, citrous fruits, and cantaloupes. 182,645; Oct. 16.
Associated Growers Inc., Lodi, Calif. Fresh grapes. 157,402; Mar. 27.
Associated Laboratories. (See Raymond, Jules N.)
Associated Merchandising Corporation, Newark, N. J., and New York, N. Y. Women's dresses and hosiery. 172,194; Aug. 21.
Associated Merchandising Corporation, Newark, N. J., and New York, N. Y. Tape. 178,704; July 3.
Associated Merchandizing Corporation, Newark, N. J., and New York, N. Y. Dress shields. 178,705; July 3.
Associated Oil Company, San Francisco, Calif. Kerosene. 177,064; Oct. 23.
Associated Oil Company, San Francisco, Calif. Kerosene. 184,015; Nov. 27.
Associated Publishers of Iowa, Waterloo, Iowa. Periodically-issued literary supplement. 169,741; Mar. 27.
Associated Radium Chemists, Inc., New York, N. Y. Tooth paste, wash, and dentifrice. 166,925; May 8.
Associated Textile Manufacturers, Inc., New York, N. Y. Manufactured textile fabrics. 174,279; Oct. 2.
Associated Textile Manufacturers, Inc., New York, N. Y. Manufactured textile fabrics. 175,232; Apr. 17.
Asthma-nen Co. (See Bundt, Charles R.)
Astoria By-Products Co. (See Carruthers, Mrs. Richard.)
Astoria Flouring Mills Company, The, Portland, Oreg. Wheat flour. 176,591; Sept. 11.
Atascadero Fruit Exchange, Atascadero, Calif. Canned fruits and vegetables. 171,300; Mar. 27.
Atascadero Fruit Exchange, Atascadero, Calif. Canned fruits and vegetables. 171,346; June 26.
Atchley, Harrison F., Stockton, Calif. Ointment or salve. 179,347; Nov. 13.
Atex Mills. (See Tully, Michael P.)
Athens Hosiery Mills, Athens, Tenn. Hosiery for men. 168,289; Jan. 9.
Athens Hosiery Mills, Athens, Tenn. Misses' hosiery. 176,530; Sept. 4.
Atkins, Cora P., West Hartford, Conn. Parcel carrier. 155,584; Feb. 20.
Atkins, E. C., & Company, Indianapolis, Ind. Leather and rubber belting. 180,576; Oct. 23.
Atkins, E. C., & Company, Indianapolis, Ind. Rubber belting. 180,577–8; Oct. 16.
Atkins, Samuel S., Springfield, Ohio. Composition for treating leucorrhea. 183,642; Nov. 13.
Atkinson, Frederick C., doing business as Knighthood Flour and Cereal Co., Indianapolis, Ind. Wheat flour. 180,462; Oct. 30.
Atkinson, Wade & Co., New York, N. Y. Cretonnes, linens, reps, etc., in the piece. 173,342; Aug. 28.
Atlanta Barbers Supply Company, Atlanta, Ga. Preparation for cleaning the scalp. 172,502; Mar. 6.

Atlanta Barbers Supply Company, Atlanta, Ga. Combination cold cream and face powder, deodorant, etc. 176,592; July 24.
Atlanta Bottling Works. (See Fleming, J. A.)
Atlanta Milling Co., Atlanta, Ga. Self-rising flour. 169,345; Feb. 27.
Atlantic Blotting Paper Mills Co. (See Ellerson, Henry W.)
Atlantic Canning Co., Rehoboth Beach, Del. Canned tomato sauce. 168,628; Mar. 6.
Atlantic Elevator Company, Inc., Philadelphia, Pa. Hoisting rope and cable. 181,051; July 10.
Atlantic Laboratories, Atlanta, Ga. Preparation for use as a general household cleaner. 169,146; May 22.
Atlantic Metal Hose Co., Inc., New York, N. Y. Flexible metal hose. 180,684; Dec. 4.
Atlantic Mills, Stottville, N. Y. Woven woolen piece goods. 172,316; May 22.
Atlantic Mills, Stottville, N. Y. Woolen piece goods. 177,946; July 17.
Atlantic Mills, Stottville, N. Y. Cotton and woolen piece goods and piece goods of mixed cotton and wool. 177,947; July 17.
Atlantic Mills, Stottville, N. Y. Woolen piece goods. 186,406; Dec. 11.
Atlantic Overall & Shirt Co., Philadelphia, Pa. Overalls, trousers, and work shirts. 173,992; June 5.
Atlantic-Pacific Paint Works. (See Assets Producing Company.)
Atlantic-Pacific Radio Supplies Company. (See Oard Radio Laboratories.)
Atlantic Refining Company, The, Philadelphia, Pa. Oils, greases, etc. 160,105; Feb. 13.
Atlantic Refining Company, The, Philadelphia, Pa. Petroleum grease. 174,814; Mar. 20.
Atlantic Refining Company, The, Philadelphia, Pa. Oils, greases, etc. 183,812; Sept. 18.
Atlantic Steel Company, Atlanta, Ga. Wire fences. 176,531; May 15.
Atlantic Varnish Works, Inc., Richmond, Va. Varnish. 172,504; Feb. 13.
Atlas Baking Company, Chicago, Ill. Cakes and bread. 166,623; May 15.
Atlas Bedstead Company, (Stephen Wilkes & Sons) Limited, The, Bilston, England. Corner fittings for bedsteads, cots, etc. 172,026; Dec. 18.
Atlas China Company, The, Niles, Ohio. Chinaware. 181,104; July 10.
Atlas Furniture Company, Jamestown, N. Y. Sofas, dressers, tables, etc. 175,050; Oct. 9.
Atlas Hammock Co., New York, N. Y. Couch hammocks and stands therefor. 173,048; July 3.
Atlas Knitting Mills, Inc., Union, N. J. Knitted bathing suits, sweaters, and slip-ons. 184,060; Oct. 30.
Atlas Rubber Company. (See Schulthess, Ernest.)
Atlas Shear Co., The, Bridgeport, Conn. Shears and scissors. 174,281; July 24.
Atlas Specialty Manufacturing Company, Chicago, Ill. Fabric covers for automobile accessories. 174,057; July 17.
Atlas Sweater Mills, Inc., The, New York, N. Y. Knitted sweaters, scarfs, ties. 168,506; June 19.
Atmore and Son, Inc., Philadelphia, Pa. Mayonnaise. 172,196; Apr. 10.
Attica Mills, The, Attica, Kans. Wheat flour. 156,133; July 31.
Atwater Kent Manufacturing Company, Philadelphia, Pa. Radio telegraph and telephone instruments and sets and parts therefor, etc. 180,410; Aug. 21.
Auerbach, D., & Sons, New York, N. Y. Hard candies in jars. 164,143; Jan. 9.
Auerbach, D., and Sons, New York, N. Y. Candies. 173,737; Apr. 24.
Auerlicht Gesellschaft m. b. H. Kommanditgesellschaft, Berlin, Germany. Upright and inverted gas mantles, burners, and lamps therefor and their parts and supplies therefor. 177,537; May 22.
Auerlicht Gesellschaft m. b. H. Kommanditgesellschaft, Berlin, Germany. Electrical household appliances. 177,538; June 19.
Augusta Bedding Company, Augusta, Ga. Mattresses. 170,706; Feb. 13.
Augusta Knitting Corporation, Utica, N. Y. Ladies' union suits and vests and bathing suits. 174,283; Dec. 11.
Augusta Knitting Corporation, Utica, N. Y. Ladies' union suits, vests, and bathing suits. 174,284; Dec. 18.
Auld, Ima, Dinuba, Calif. Face lotions. 173,393; Apr. 3.
Ault & Wiborg Co., The, Cincinnati, Ohio. Dry color for use in rubber manufacturing. 167,285; Apr. 3.
Aunt Jemima Mills Company, St. Joseph, Mo. Prepared and semiprepared breakfast cereals. 164,624; Jan. 30.
Austin Manufacturing Co. (See Blake, Mrs. E. A.)
Austin, Nichols & Co. Inc., Brooklyn, N. Y. Apricots, cherries, peaches, pineapple, etc. 171,523; July 31.
Austin, Nichols & Co., Inc., Brooklyn, N. Y. Canned sardines. 178,206; Sept. 11.
Austin Publishing Company, Chicago, Ill. Weekly publication. 184,809; Nov. 6.
Auth, N., Prov. Co., Washington, D. C. Bovine and swinish and mutton meats and meat products. 162,092–3; July 3.
Auth, N., Provision Company, Washington, D. C. Bovine, swinish, and mutton meat and meat products. 185,282; Dec. 4.
Authorized Wassermann Medical Corporation, New York, N. Y. Medicated plasters. 177,211; Aug. 28.
Autoeez Manufacturing Company. (See Cannan, Cecil C.)
Autographic Register Company, Hoboken, N. J. Autographic registers and parts thereof. 186,266; Dec. 11.
Auto-Hone Co., The, Buffalo, N. Y. Metal-working cylindrical milling tools. 169,147; Feb. 13.
Aut-O-Luk Card Co. (See Storgaard, Henry.)
Automatic Bearing Machine Co., San Jose, Calif. Cylinder heads. 183,686; Oct. 30.
Automatic Curtain Co. (See Warren, Clyde W.)
Automatic Dishwasher Co. Inc., New York, N. Y. Dishwashing machines. 168,996; Feb. 6.
Automatic Electric Company, Chicago, Ill. Automatic telephone systems. 171,721; Jan. 9.
Automatic Electric Company, Chicago, Ill. Automatic telephone systems. 183,133; Oct. 30.
Automatic Electrical Devices Company, The, Cincinnati, Ohio. Electric rectifiers and rheostats. 185,403; Nov. 13.
Automatic Meshbag Co., Providence, R. I. Ladies' hand bags. 167,449; Jan. 2.
Automatic Recording Safe Co., The, Chicago, Ill. Portable savings banks. 180,825–6; Aug. 14.
Automatic Refrigerating Company, The, Hartford, Conn. Refrigerating apparatus. 177,644; May 15.
Automatic Refrigerating Company, The, Hartford, Conn. Refrigerating apparatus. 177,645; May 22.
Auto Parts Company. (See Frank, H. G. John.)
Auto Products Mfg. Co. Inc., Buffalo, N. Y. Auto products. 158,744; May 8.
Auto Specialties Manufacturing Co., San Francisco, Calif., and St. Joseph, Mich. Shock absorbers for automobiles. 154,718; Oct. 16.
Autol Scientific Laboratories. (See Cerny, George A.)
Automobile Appliances Co., Philadelphia, Pa. Vacuum-operated mechanical stop signal and direction-indicating device for automobiles. 170,923; Mar. 20.
Automobile Proprietary, Limited, The, Westminster and London, England. Squash balls. 186,686; Nov. 27.
Automotive Distributing Corporation, Philadelphia, Pa. Electrically-operated direction indicators and signals for use on vehicles. 169,115; Feb. 6.
Avalon Knitwear Company, Utica, N. Y. Bathing suits. 168,570; May 8.
Avedon & Co., Inc., New York, N. Y. Women's coats, suits, dresses, etc. 187,032; Dec. 18.
Averill, Georgene, New York, N. Y. Dolls and doll outfits. 164,144; Apr. 10.
Avery, B. F., & Sons, Louisville, Ky. Cultivator sweeps. 186,312; Dec. 25.
Axxo Chemical Co., New York, N. Y. Detergent in the nature of a water softener and soap. 180,957; July 24.
Azol Laboratories. (See Gilbert, Glenn R.)
Azor Motor Mfg. Co., The, Cleveland, Ohio. Electric motors. 174,285; Mar. 27.
B. B. Drug & Chemical Co. (See Jarvis, Henry C.)
B. B. & R. Knight, Inc., Providence, R. I., and New York, N. Y. Bleached cotton piece goods. 183,215; Dec. 4.
B-B Shoe Company, The, Milwaukee, Wis. Shoes and slippers made wholly or in part of leather. 171,891; Mar. 20.
B. K. Laboratory, The. (See Brown, Charles J.)
B & L Metal Stamping Co., Inc., New York, N. Y. Metal parts and fixtures for electric-lighting fixtures. 164,489; July 24.
B. and T. Varnish Company, Cincinnati, Ohio. Uncolored varnish for linoleum, and congoleum rugs, etc. 184,113; Nov. 27.
Baalmann, John, San Francisco, Calif. Gas tablets for relieving gas from the stomach and bowels, etc. 169,996; Apr. 24.
Bab, Inc., New York, N. Y. Ladies', misses', and children's knitted dresses, suits, waists, blouses, etc. 176,532; Aug. 21.
Babani, Maurice, Paris, France. Perfume extracts, lotions, toilet waters, etc. 185,912; Dec. 11.
Babbitt, Harve C., Boise, Idaho. Veterinary remedy for the prevention of abortion in cattle. 171,347; Feb. 20.
Babcock, A. P., Co., New York, N. Y. Cold, face, vanishing, and cleansing creams, perfume, sachets, etc. 181,237; Sept. 18.
Babcock, A. P., Co., New York, N. Y. Perfume. 183,246; Nov. 13.
Babcock, A. P., Company, New York, N. Y. Talcum and face powders, rouge, toilet water, etc. 180,827; Sept. 11.
Babcock, Charles B., doing business as C. B. Babcock Company, San Francisco, Calif. Gas furnaces, ranges, heating stoves, etc. 186,407; Dec. 25.
Babcock & Shannon Co., Albany, N. Y. Collars, neckties, suspenders, etc. 168,869; May 8.
Babcock & Shannon Co, Albany, N. Y. Pants, jackets, and overalls, coats, etc. 168,870; May 8.
Babson Bros. (See Blake, Henry, Harness Company, assignor.)
Baca, Pablo, doing business as La Victoria Packing Co., Los Angeles, Calif. Canned chili. 179,348; Oct. 30.
Baca, Pablo, doing business as La Victoria Packing Co., Los Angeles, Calif. Canned chili. 179,349; Nov. 20.

Alphabetical list of trade-mark applicants—Continued.

Bach, James J., doing business as Io Thyro Chocolate Company, Milwaukee, Wis. Goiter preventive. 180,736; Oct. 9.
Bacharach-Rasin Co., Baltimore, Md. Bicycles. 115,398; May 22.
Bachman, Jacob, doing business as J. Bachman & Co., New York, N. Y. Leather belting. 177,760; July 3.
Bachman & Wickens, Newark, N. J. Compound for use in washing clothes. 179,084; Aug. 7.
Bachmann Bros., Philadelphia, Pa. Sheeting made from nitrocellulose compounds. 166,931; Jan. 9.
Bachtold, Herman, doing business as Rochelle Lace Works, New York, N. Y. Imported woven fabrics. 174,032; Apr. 3.
Bacon Banjo Co. Inc., The, Groton, Conn. Banjos. 184,580; Oct. 30.
Bacon, Charles F., trustee, Toledo, Ohio. Mirrored lenses as light transmitting and reflecting devices. 179,024; Nov. 20.
Baden, Fred, Inc., New York, N. Y. Nose irrigation and throat gargle. 185,810; Dec. 11.
Badger Rubber Works, The. Milwaukee, and Cudahy, Wis. Nonmetallic tires. 170,267; Apr. 3.
Baeder Adamson Company, Boston, Mass. Flint paper and cloth, garnet paper and cloth, etc. 188,104; Dec. 25.
Baeffsky, Louis, doing business as Famous Raincoat Company, Cincinnati, Ohio. Men's and boys' overcoats and suits. 157,910; Aug. 7.
Baer Company, The, Lehighton, Pa. Thrown silk. 165,119; Jan. 30.
Baer, Howard W., Atlantic City, N. J. Antiseptic powder. 165,224; Jan. 2.
Baer, Robert, doing business as Robert Baer Hat Co., Los Angeles, Calif. Hats and caps for men and boys. 179,645; Dec. 25.
Baggett, James A., doing business as Submarine Pyorrhea Co., Dallas, Tex. Tooth paste or dental cream. 179,452; June 12.
Bahnsen, C., & Co., Inc., New York, N. Y. Bolivia coatings in the piece. 172,461–2; Sept. 25.
Bahnsen, C., & Co. Inc., New York, N. Y. Wool velour coating piece goods. 186,541; Dec. 18.
Bailet, Guillaume Hendon, London, England. Dyes for the hair. 167,218; Feb. 13.
Bailey & Company, Inc., Atlanta, Ga. Piston rings. 179,131; June 19.
Bailey Rubber Heel Company, Incorporated, Beverly, Mass. Soles, half soles, and heels made of rubber and composition. 171,608; Mar. 20.
Bain Wagon Company, The, Kenosha, Wis. Wagons. 183,354; Oct. 30.
Baird-North Company, Providence, R. I. Artificial or reconstructed pearls. 171,680–1; Jan. 2.
Baird-North Company, Providence, R. I. Watches. 181,715; July 24.
Baker, B R, Co., The, Toledo, Ohio. Knitted sweaters and vests. 175,376; Dec. 18.
Baker Brush Co., Inc., New York, N. Y. Paintbrushes 178,490; June 19.
Baker & Co., Inc., Newark, N. J. Dental band material. 178,949; June 19.
Baker & Co., Inc., Newark, N. J. Dental metal. 178,950–1; June 19.
Baker, Hamilton and Pacific Company, San Francisco, Calif. Lead pencils and carpenters' pencils. 170,349; Aug. 28.
Baker, Hamilton and Pacific Company, San Francisco, Calif. Carpenters' steel squares, family weighing scales, shingling-hatchet gauges, etc. 170,350; Aug. 28.
Baker, Hamilton and Pacific Company, San Francisco, Calif. Padlocks and key blanks. 170,351; Aug. 7.
Baker, Hamilton and Pacific Company, San Francisco, Calif. Stepladders. 170,352; Aug. 28.
Baker, Hamilton and Pacific Company, San Francisco, Calif. Asphalt-saturated roofing felt, building paper, deadening felt, etc. 170,353; Aug. 7.
Baker, Hamilton & Pacific Company, San Francisco, Calif. Adzes, auger bits, axes, backsaws, etc. 170,354; Aug. 21.
Baker, Hamilton and Pacific Company, San Francisco, Calif. Adhesive tape for electrical purposes. 170,355; Aug. 7.
Baker, Hamilton and Pacific Company, San Francisco, Calif. Adhesive tape. 170,356; Aug. 7.
Baker, Hamilton and Pacific Company, San Francisco, Calif. Garden hose. 170,359; July 31.
Baker, Hamilton & Pacific Company, San Francisco, Calif. Belt dressing, composite neat's-foot oil, pure neat's-foot oil, and razor strops. 184,955; Oct. 16.
Baker, Jos. G., Richmond, Va. Cleanser for all kinds of finished surfaces, such as paint, varnish, tile, glass, etc. 175,458; June 5.
Baker, Joseph, Sons and Perkins Limited, London, England. Mixing and coating machines for plastic or semiliquid substances. 181,332; Oct. 30.
Baker-Lockwood Mfg. Co. Inc., Kansas City, Mo. Sleeve protectors. 166,871; Dec. 18.
Baker, Murray & Imbrie, Inc., New York, N. Y. Tires made wholly or partly of rubber or having rubber incorporated therewith. 168,018; Mar. 13.
Baker Paint & Varnish Co., Jersey City, N. J. Varnish stain. 174,603; Mar. 20.
Baker Paint & Varnish Co., Jersey City, N. J. Paint enamels. 174,604; Apr. 3.
Baker Paint & Varnish Co., Jersey City, N. J. Paints, varnishes, putties, dry colors, white lead, etc. 174,605; Apr. 3.
Baker-Perkins Manufacturing Corporation, Saginaw, Mich. Dough and bun dividers, bread proofers, panning machines, mixers, etc. 174,228; Apr. 10.
Baker-Perkins Manufacturing Corporation, Saginaw, Mich. Baking ovens. 177,581; Aug. 21.
Baker, R. & L., Company, The, Cleveland, Ohio. Elevating industrial trucks and structural parts thereof. 168,705; Mar. 13.
Balbo, Frank C., Oakland, Calif. Cakes—namely, doughnuts filled with jelly. 146,063; Sept. 25.
Balcells. (See Buenaventura Balcells Vallbona.)
Baldacci, Valentino, doing business as Laboratorio Chimico Farmaceutico V. Baldacci, Pisa, Italy. Hæmostatic preparations. 170,888; July 24.
Baldacci, Valentino, doing business as Laboratorio Chimico Farmaceutico V. Baldacci, Pisa, Italy. Pharmaceutical preparations for coughs, whooping cough, etc. 170,921; July 3.
Baldacci, Valentino, doing business as Laboratorio Chimico Farmaceutico V. Baldacci, Pisa, Italy. Pharmaceutical preparations for the treatment of diabetes, etc. 171,703; June 26.
Baldassare, Romano, and Co., Frankfort, N. Y. Hair shampoo. 181,717; Nov. 6.
Baldur-Pianofort-Fabrik Aktien-Gesellschaft, Frankfort-on-Main, Germany. Musical instruments and supplies. 164,787; Jan. 2.
Baldwin, Anita M., Santa Anita, Calif. Livestock, including dogs. 177,469; Nov. 13.
Baldwin Company, The, Cincinnati, Ohio. Pianos, player pianos, and piano players. 180,264; Oct. 9.
Baldwin, Henry P., Ltd., doing business as Baldwin Packers. Lahaina, Hawaii. Canned pineapple. 166,629; Jan. 16.
Baldwin, Henry P., Ltd., doing business as Baldwin Packers, Lahaina, Hawaii. Canned pineapple. 187,283; Dec. 18.
Baldwin, Joseph A., Baltimore, Md. Portable metallic garages. 166,341; Jan. 30.
Baldwin Packers. (See Baldwin, Henry P.)
Baldwin Radio Electrical Manufacturing Co., Inc., Brooklyn, N. Y. Radio receiving and transmitting sets and parts thereof. 166,344; Oct. 30.
Baldwin Tool Works, Parkersburg, W. Va. Shovels, spades, scoops, posthole diggers, etc. 166,636; Aug. 7.
Baldwin Tool Works, Parkersburg, W. Va. Shovels, spades, scoops, etc. 166,638; Sept. 11.
Baldwin Tool Works, Parkersburg, W. Va. hovels, scoops. spades, posthole diggers, and wooden handles. 166,644; Jan. 30.
Baldwin Tool Works, Parkersburg, W. Va. Shovels, spades, scoops, posthole diggers, and wooden handles. 166,645; Jan. 23.
Baldwin Tool Works, Parkersburg, W. Va. Shovels, spades, scoops, posthole diggers, and wooden handles. 166,972; Mar. 20.
Baldwins, Limited, London, England. Tin and terne plates and sheets. 158,415; Jan. 16.
Ball, C. S. Candy Co., The, Dayton, Ohio. Candies. 185,856; Nov. 27.
Ball, F. M., & Company, San Francisco, Calif. Canned fruits and vegetables. 174,229; May 15.
Ball, F. M., & Company, San Francisco, Calif. Canned deciduous fruits, vegetables, fruit salad, etc. 174,879; Sept. 18.
Ball, Maxwell E., doing business as The Goitrex Company, Portland, Ore. Proprietary medicine for goiter swellings, etc. 174,606; May 29.
Ballance, Herbert E., doing business as Ballance and Company, Greensboro, N. C. Candy kisses. 170,265; May 8.
Ballance, Herbert E., doing business as Ballance and Company, Greensboro, N. C. Candy kisses. 170,266; May 29.
Ballantine, P., & Sons, Newark, N. J. Malt sirup for beverage purposes. 152,881; Oct. 30.
Ballantyne, D., Brothers & Company, Limited, Peebles, Scotland. Knitted wear for ladies, gentlemen, and children. 175,053; June 26.
Ballantyne, D., Brothers & Co., Limited, Peebles, Scotland. Cloths and stuffs of wool, worsted, and hair. 185,913; Dec. 4.
Ballard & Ballard Co., Incorporated, Louisville, Ky. Wheat flour—namely, self-rising flour. 172,719; May 8.
Ballard & Ballard Company, Louisville, Ky. Self-rising wheat flour. 154,075; Mar. 20.
Ballard and Ballard Company, Louisville, Ky. Wheat flour—namely, self-rising flour. 156,434; June 5.
Ballard & Ballard Company, Louisville, Ky. Self-rising wheat flour. 157,295; Mar. 20.
Ballard & Ballard Company, Louisville, Ky. Wheat flour—namely, self-rising flour. 159,078; June 5.
Ballard & Ballard Company, Louisville, Ky. Prepared wheat flour. 159,079; Mar. 20.
Ballard & Ballard Company, Louisville, Ky. Self-rising wheat flour. 159,080; Mar. 20.

Ballard & Ballard Company, Louisville, Ky. Prepared flour containing wheat flour, bran, sugar, and salt. 159,081; Mar. 27.
Ballard & Ballard Company, Louisville, Ky. Wheat flour. 159,337; Nov. 20.
Ballew, Elmer L., Chicago, Ill. Foods. 177,761; Nov. 6.
Balme, Paul, doing business as B. Paul, New York, N. Y. Hair dye. 167,345; Jan. 2.
Balsamea Co., The, San Francisco, Calif. Medicinal preparation recommended for the treatment of affections of the throat, etc. 172,661; Apr. 24.
Baltar, Joseph T., New Orleans, La. Tablets for the treatment of colds, la grippe, and headache. 179,258; Aug. 14.
Baltic Chemical Co., The, Chicago, Ill. Liquid preparation for use on the skin to keep the mosquitoes away. 165,341; Jan. 30.
Baltimore Bargain House, Baltimore and Cumberland, Md. Shoe lasts, blind awnings, animal traps, rubber cloth, etc. 117,793; June 26.
Baltimore Copper Paint Company. (See Reeder, Oliver & Son, Inc.)
Baltimore Optical Company, Baltimore, Md. Lenses and frames for eyeglasses and spectacles. 172,929; Apr. 3.
Baltimore Water Paint Company. (See Swartz, Milton D.)
Bamberger, L., & Co. (See Munzer, Ida, Inc.)
Bamberger, L., & Co., Newark, N. J. Women's suits. 160,483; Sept. 11.
Bamberger, L., & Co., Newark, N. J. Corsets and brassières. 160,486; Jan. 16.
Bamberger, L., & Co., Newark, N. J. Women's dresses. 170,360; Oct. 2.
Bamberger, L., & Co., Newark, N. J. Women's dresses. 170,361; May 22.
Bamberger Reinthal Co., The, Cleveland, Ohio Knitted caps. 151,864; May 8.
Bancroft, Joseph, & Sons Company, Wilmington, Del. Cotton piece goods. 176,440; June 19.
Bandman, Albert, doing business as Metsan Dental Mfg. Co., New York, N. Y. Hypodermic needles. 184,890; Oct. 25.
Bangert, Adolph. (See Bangert Improved Tool Co., assignor.)
Bangert Improved Tool Co., Inc., Union, N. J., assignor, by mesne assignments, to A. Bangert. Mechanics wrenches, hammers, pliers, and pincers. 158,073; Mar. 20.
Bankee Corporation of America, Los Angeles, Calif. Trading stamps and coupons, booklets, etc. 175,421; May 15.
Bankers Discount Association, Astoria, Oreg. Canned salmon. 180,830; Sept. 25.
Bankers Discount Corporation, Astoria, Oreg. Canned salmon. 180,828; Oct. 16.
Bankers Savings and Credit System Company, The, Cleveland, Ohio. Money receptacles or portable banks. 170,268; Feb. 27.
Bankers Supply Co., The, Denver, Colo., and Chicago, Ill. Safety paper—viz, blank checks. 179,391; June 5.
Bankers Supply Co., Denver, Colo., and Chicago, Ill. Publications issued weekly. 181,509; Sept. 11.
Bankers Supply Co., The, Denver, Colo., and Chicago, Ill. Publications issued weekly. 183,687; Nov. 6.
Banks, Chester O., also doing business as C. O. Banks Co., Monrovia, Calif. Fresh citrous fruits. 180,831; Aug. 21.
Banks, Llewellyn A., doing business as Citrus Growers Cash Association, Los Angeles, Calif. Fresh citrous and deciduous fruits. 161,959; July 3.
Banner Silk Knitting Mills, Inc., The, New York, N. Y. Knitted silk fabrics. 163,254; Jan. 30.
Banner Silk Knitting Mills, Inc., The, New York, N. Y. knitted silk fabrics—viz, silk knitted cloth. 175,377; May 1.
Banner Silk Knitting Mills, Inc., New York, N. Y. Knitted silk fabrics—viz, silk knitted crêpe. 175,378; May 1.
Banner Silk Knitting Mills, Inc., The, New York, N. Y. Knitted silk fabric—viz, silk knitted cloth in the piece. 177,161; May 22.
Banner Silk Knitting Mills, Inc., The, New York, N. Y. Knitted silk fabrics. 180,781; July 17.
Banner Silk Knitting Mills, Inc., The, New York, N. Y. Knitted silk fabrics. 180,783–4; July 17.
Banner Silk Knitting Mills, Inc., The, New York, N. Y. Knitted silk fabrics. 183,621; Oct. 2.
Banner Silk Knitting Mills, Inc., The, New York, N. Y. Knitted silk fabrics. 183,901; Oct. 2.
Banner Silk Knitting Mills, Inc., The, New York, N. Y. Knitted silk fabric. 185,948; Dec. 4.
Banning Canning Co., Banning, Calif. Canned fruits. 164,299; May 15.
Banning Canning Co., Banning, Calif. Canned fruits. 164,300; Feb. 13.
Banning, Margery A., Evanston, Ill. Ginger bread and cookies. 158,592; Sept. 4.
Banos, V., & Co. Inc., Brooklyn, N. Y. Food product. 177,948; July 24.
Bantam Products Ltd., The, Farnley, Leeds, England. Tea and coffee. 179,580; Oct. 16.
Barab, Jacob, doing business as Aniseptol Chemical Co., Wilmington, Del. Emollient for use for chapped skin, sunburn, etc. 179,085; Sept. 11.
Barash Bros., Inc., New York, N. Y. Rickrack braid. 170,269; July 24.
Barash Brothers, Inc., New York, N. Y. Rickrack braid and shirred ribbon elastic. 180,738; July 3.
Barbara Ann Dress Shops, Inc., New York, N. Y. Dresses. 165,055; Jan. 2.
Barbe-McKenzie Corporation, New York, N. Y. Drapery fabrics. 185,197; Oct. 30.
Barber, A. H., & Co., Chicago, Ill., and Plymouth and Dodgeville, Wis. Cheese. 182,040; Oct. 2.
Barber, A. H., & Co., Chicago, Ill., and Plymouth and Dodgeville, Wis. Cheese. 182,042; Oct. 2.
Barber, Arthur W., Chazy, N. Y. Butter, raw cream, fresh eggs, etc. 154,118; Nov. 13.
Barber Asphalt Company, The, Philadelphia, Pa. Fire wagons, surface heaters, stationary and portable melting kettles. 170,748; June 26.
Barber Asphalt Paving Company, The, Philadelphia, Pa. Asphalt and paving materials containing asphalt. 163,965; July 3.
Barber Asphalt Paving Company, The, Philadelphia, Pa. Motor and other oils and greases. 166,764; Feb. 13.
Barber Asphalt Paving Company, The, Philadelphia, Pa. Ready-mixed metal roof paint, industrial paint, etc. 168,349; Oct. 23.
Barber Asphalt Paving Company, The, Philadelphia, Pa. Paints. 168,350; Feb. 27.
Barber Asphalt Paving Company, The, Philadelphia, Pa. Asphalt, asphalt cement, road asphalt, and paving block filler. 168,444; Feb. 20.
Barblan y Rimathe, Flor, Malaga, Spain. Olive oil. 180,320; Dec. 4.
Barbour Brothers Co., The, Paterson, N. J. Shoe thread. 160,335; June 26.
Barbour Flax Spinning Co., Paterson, N. J. Hand and machine sewing linen thread. 179,984; July 10.
Barbour Flax Spinning Co., Paterson, N. J. Hand-sewing and machine-sewing linen threads. 179,985; July 31.
Barbour Welting Company, Brockton, Mass. Cut soles of leather for boots and shoes. 175,054; May 22.
Barden, Clifford A., Oberlin and Wakeman, Ohio. Seed corn. 181,928; Oct. 16.
Barekman, Thomas H., Paris, Ill. Medicinal preparation for barber's itch. 187,403; Dec. 25.
Barg & Foster Candy Company, Milwaukee, Wis. Confectionery. 183,814–16; Dec. 25.
Bargreen, Samuel E., doing business as Imperial Tea Co., Everett, Wash. Laundry powder. 168,507; Dec. 25.
Baringer, Frederick J., doing business as The Nusol Laboratories, San Jose, Calif. Antiseptic cleaner used for removing stains from hands, fabrics, sinks, etc. 168,748; Jan. 30.
Bariscillo, John J., doing business as Tonsitol Laboratories, Asbury Park, N. J. Preparation for the treatment of tonsillitis, hoarseness, quinsy, etc. 175,641; May 15.
Barkann, Milton D., Jersey City, N. J. Burs. 171,198; Feb. 27.
Barke-Berger Food Products Co., Toledo, Ohio. Salads, salad dressings, pickles, etc. 175,182; Aug. 14.
Barker, C. B., & Co. Ltd., New York, N. Y. Sewing machine needles and machine knitting needles. 177,949; Oct. 16.
Barkmahn Company, Inc., The, New York, N. Y. Pipes. 174,602; May 22.
Barley Motor Car Company, Kalamazoo, Mich. Taxicabs. 177,349; Aug. 14.
Barley Motor Car Company, Kalamazoo, Mich. Taxicabs. 182,123; Oct. 16.
Barlith Company, The, San Francisco, Calif. Liquid waterproofing composition for wood, brick, etc. 173,126; June 5.
Barlow Brothers, Grand Rapids, Mich. Waste baskets. 185,738; Nov. 13.
Barna, Nicholas, doing business as Cosmos Laboratory, Keyport, N. J. Antiperspiration compounds. 164,857; Jan. 30.
Barnängens Teckn. Fabrikers A. B., Stockholm, Sweden. Drawing, indelible, marking, printing, etc., inks. 172,720; Mar. 27.
Barnängens Teckn. Fabrikers A. Bolag, Stockholm, Sweden. Drawing, indelible, marking, printing, etc., inks, 172,722; Mar. 27.
Barnard Manufacturing Company, Superior, Nebr. Toothache medicine. 173,394; Apr. 3.
Barnard, Paul J., doing business as Paul Jackson Barnard Company, Los Angeles, Calif. Toys. 184,581–2; Nov. 6.
Barnard, William E., doing business as Web Sterilizer Co., New York, N. Y. Toothbrush sterilizers. 160,747; Apr. 24.
Barnards, Schaller, Iowa. Pop-corn confection. 175,121; Nov. 27.
Barnett, Gertrude, San Francisco, Calif. Porcelain teapots. 176,942; Oct. 30.
Barnhart, Williamson L., New York, and Babylon, N. Y. Printed articles and letters upon the subject of salesmanship. 175,379; June 12.
Barnsdall Refining Company, Tulsa, Okla. Motor fuel oil. 153,234; Oct. 16.
Barnsdall Refining Company, Tulsa, Okla. Fuel oils, motor lubricating oils, and lubricants. 158,560; Nov. 27.

Alphabetical list of trade-mark applicants—Continued.

Barr Manufacturing Corporation, Tyrone, Pa. Perfumes, face powder, toilet water, cold cream, etc. 176,107; Sept. 25.
Barr Manufacturing Corporation, Tyrone, Pa. Complexion clay. 179,392; July 31.
Barr, Morris A., Valley Forge, Pa. Semiprecious stones. 179,844; July 10.
Barrett Company, The, New York, N. Y. Roofing and sheathing felt. 160,992; Feb. 27.
Barrett Company, The, New York, N. Y. Ready felt roofing. 168,508; July 17.
Barrett Company, The, New York, N. Y. Ready-mixed paint and paint thinner. 173,269; Apr. 3.
Barrett Company, The, New York, N. Y. Insulating paper. 173,345; Apr. 3.
Barrett Company, The, New York, N. Y. Bituminous material for compounding rubber. 173,690–2; May 29.
Barrett Company, The, New York, N. Y. Bituminous material for compounding rubber. 186,456–9; Dec. 4.
Barriemore Shop, The. (See Lederer & Latz.)
Barrington Packing Co., Barrington, Ill. Bacon. 168,749; Sept. 25.
Barrist & Co., Philadelphia, Pa. Women's, misses', and children's coats, skirts, and suits. 174,764; June 26.
Barron, Anderson Co., Boston, Mass. Men's suits and overcoats. 184,708; Nov. 6.
Barron, Arnold M., doing business as Ferris Radio Research Laboratory, Boston, Mass. Radio detectors. 185,358; Dec. 18.
Barron-Gray Packing Co., San Jose, Calif. Canned fruit and vegetables and dried fruit. 177,818; July 17.
Barron-Gray Packing Co., San Jose, Calif. Canned fruits and vegetables and dried fruits. 177,819–20; June 12.
Barrow, A. C., & Company, Lynchburg, Va. Overalls, work shirts, coats, vests, and pants. 163,966; May 22.
Barry, T. D., Company, Brockton, Mass. Shoes made wholly or in part of leather. 168,193–4; Jan. 2.
Barry, T. D., Company, Brockton, Mass. Shoes made wholly or in part of leather. 173,460; Apr. 3.
Bartholomew Battery & Supply Co., doing business as Bartholomew Battery Co., St. Louis, Mo. Secondary electrical batteries. 157,020; Apr. 3.
Barsa Corporation, The, New York, N. Y. Kimonos, breakfast gowns, etc. 178,021; July 10.
Bartlett Corporation, The, Philadelphia, Pa. Castor oil. 181,810; Nov. 6.
Bartlett Corporation, The, Philadelphia, Pa. Castor oil. 181,811; Sept. 25.
Bartlett Nu Products Corporation, Pasadena, Calif. Food beverage made of fruits, nuts, and grain. 164,987; Feb. 27.
Bartlett, Vern C., Joplin, Mo. Bath or flux. 171,195; Dec. 4.
Barton, Charles, doing business as Specialists Supply Company, Honolulu, Hawaii. Eye liquid. 169,234; Feb. 13.
Barton, H. H., and Son Co. Inc., Philadelphia, Pa. Abrasive papers or cloths. 168,707; Nov. 13.
Barton, H. H., & Son Co., inc., Philadelphia, Pa. Abrasive papers or cloths. 170,001; Dec. 4.
Barton, H. H., and Son Co. Inc., Philadelphia, Pa. Aluminum-oxide paper, carbon paper, electric abrasive cloth, etc. 173,461; Apr. 24.
Bartow Beverages, Inc., Nashville, Tenn. Ginger ale. 180,832; July 10.
Baruxes, Christ, doing business as Brux Candy Co., Newark, Ohio. Hard and soft candies, bonbons, chocolates, and marshmallows. 168,144; Mar. 13.
Barva, Bernard R., Fort Wayne, Ind. Rubber heels for shoes. 164,578; Sept. 18.
Bascelli, C., & Bros., Philadelphia, Pa. Relief of carbuncles, tumors, enlarged glands, etc. 173,462; Nov. 6.
Basch, Herman, & Co. Inc., New York and Brooklyn, N. Y. Fur skins dressed and dyed. 169,752; Feb. 6.
Basilea, C., & Co., New York, N. Y. Olive oil. 168,912; Feb. 13.
Baskin Brothers, New York, N. Y. Finger rings, bar and scarf pins, earrings. 184,230; Nov. 20.
Bass, G. H., & Co., Wilton, Me. Footwear. 180,354; Nov. 20.
Bass & Gross, New York, N. Y. Dresses for ladies and misses. 181,238; Aug. 7.
Bassett, Rudolph A., Long Beach, Calif. Cleaning fluid for cleaning fabrics. 165,850; Jan. 30.
Bassick Company, The, Bridgeport, Conn. Hood catches, hood-catch brackets, hood and door handles. 169,966; Feb. 13.
Bassick Company, The, Bridgeport, Conn. Pintles for casters. 172,505; Mar. 27.
Bassick Company, The, Bridgeport, Conn. Door locks. 178,324; June 12.
Bastian-Morley Co., Laporte, Ind. Gas water heaters. 173,950; May 8.
Bastian-Morley Co., Laporte, Ind. Gas water heaters. 173,951; Mar. 13.
Bastian-Morley Co., Laporte, Ind. Jackets for water heaters and boilers. 185,102; Dec. 11.
Bate, Warwick G., Newton Falls, Ohio. Prayer and motto cards. 178,544; Aug. 21.
Bates, A. J., Company, Webster, Mass. Shoes and parts thereof. 181,472; Nov. 13.
Bates, C. J., & Son, Chester, Conn. Manicure files. 175,294; Oct. 16.
Bates, C. J., & Son, Chester, Conn. Manicure buffers. 175,295; Mar. 27.
Bates Valve Bag Company, Chicago, Ill. Bag filling and packaging machinery. 177,539; May 15.
Battenfeld Grease & Oil Company, The, Kansas City, Mo. Lubricating grease. 184,929; Oct. 30.
Battle Creek Food Company, The, Battle Creek, Mich. Prepared nut food. 168,509; Mar. 27.
Battle Creek Food Co., Battle Creek, Mich. Breakfast cereal. 168,510; Mar. 20.
Battle Creek Food Company, The, Battle Creek, Mich. Breakfast cereals. 172,575–6; May 8.
Battle Creek Food Company, Battle Creek, Mich. Cereal breakfast food. 174,722; June 5.
Battle Creek Food Company, The, Battle Creek, Mich. Nut butter. 175,057; Aug. 14.
Battle Creek Food Company, The, Battle Creek, Mich. Biscuits having laxative properties. 175,058; Nov. 6.
Battle Creek Food Company, The, Battle Creek, Mich. Cereal breakfast foods, cooked bran, etc. 175,059; Dec. 25.
Battle Creek Food Company, The, Battle Creek, Mich. Antitoxic foods, paraffin tablets and oil, etc. 175,060; Aug. 14.
Battle Creek Food Company, The, Battle Creek, Mich. Cereal biscuit. 175,700; Aug. 7.
Battle Creek Food Company, The, Battle Creek, Mich. Cereal breakfast food. 175,701; June 19.
Battle Creek Food Company, The, Battle Creek, Mich. Corn sugar. 175,702; May 15.
Battle Creek Food Company, The, Battle Creek, Mich. Nut cereal food. 175,703; Oct. 30.
Battle Creek Food Company, The, Battle Creek, Mich. Vegetable flavors for food-flavoring purposes. 175,704; June 19.
Battle Creek Food Company, The, Battle Creek, Mich. Nut cereal food. 175,838; June 19.
Battle Creek Food Company, The, Battle Creek, Mich. Laxative. 175,839; May 15.
Battle Creek Food Company, The, Battle Creek, Mich. Cereal breakfast foods. 176,247; Aug. 21.
Battle Creek Food Company, The, Battle Creek, Mich. Vegetable food consisting of wheat protein combined with nuts. 176,816; Sept. 4.
Battle Creek Food Company, The, Battle Creek, Mich. Special carbohydrate antitoxic food. 180,463; Oct. 16.
Battle Creek Food Company, The, Battle Creek, Mich. Confection. 181,239; Nov. 20.
Bauer & Black, Chicago, Ill. Gauze and absorbent cotton. 183,355; Sept. 18.
Bauermeister, Chas. W., Co. Inc. Olives, allspice, savory, mustard, pepper, sage, thyme, etc. 166,932; May 15.
Baum, Constance H., New York, N. Y. Novelty designs for textiles. 183,728; Dec. 18.
Baum, Max, New York, N. Y. Hosiery. 165,615; Jan. 2.
Bauman, Hyman, & Co., New York, N. Y. Cotton piece goods. 173,275; Feb. 20.
Bauman, Hyman, & Co., New York, N. Y. Silk, cotton, and wool piece goods and mixtures of same. 178,657; May 22.
Baumann, Carl A., doing business as Lake Mills Milk Company, Jefferson, Wis. Canned evaporated milk. 155,661; June 5.
Baumann, Carl A., doing business as Lake Mills Milk Company, Jefferson, Wis. Canned evaporated milk. 155,662–3; May 8.
Baumert, F. X., & Co. Inc., New York, N. Y. Cheese. 166,928–9; Jan. 9.
Baumert, F. X., & Co. Inc., New York, N. Y. Cheese. 169,746; Feb. 27.
Baumgarten, Emanuel, doing business as Royal Velvet Products Company, Washington, D. C. Rubber-stamp pads and rubber-stamp-pad inks. 167,223; Nov. 20.
Baumgarten, Julius, & Söhne Vereinigte Papierwarenfabriken Kommanditgesellschaft. Letter papers and envelopes. 178,158; Oct. 16.
Baur, O. P., Conf. Co., The, Denver, Colo. Candy, cakes, shelled nuts, and sandwiches. 171,723; Oct. 30.
Baxter Bros. Co., The, Brunswick, Me. Canned vegetables. 182,559; Oct. 23.
Baxter, Burton E., doing business as B. E. Baxter Co., Whitney Point, N. Y. Graining liquid. 176,395; May 15.
Bay, H. C., Company, Chicago, Ill. Pianos. 173,069; Mar. 6.
Bayard Chemical Company, New York, N. Y. Hair pomade. 179,393; July 31.
Baylis, A. W., Co., New York, N. Y. Table damasks. 184,632; Nov. 20.
Bayside Canning Company, Alviso, Calif. Tomato hot sauce, canned vegetables, fruits, and fish. 165,339; July 3.
Bay Side Canning Company, Alviso, Calif. Canned fruits, vegetables, and fish. 168,751; Mar. 27.
Bay State Cigar Co., Inc., Westfield, Mass. Cigars. 177,162; May 22.
Bay State Milling Co., Winona, Minn. Wheat flour. 175,061; Aug. 21.
Bazley, Ernest S., doing business as Bazley Markets, Chicago, Ill. Nut oleomargarine. 171,242; Nov. 13.

Beach, Albert H., doing business as Pyramid Products Co., Los Angeles, Calif. Soap. 169,116; May 22.
Beaman & Parrott, Knoxville, Tenn. Rubber heels for shoes. 175,332; May 1.
Beanpot, The, Boston, Mass. Periodically-issued magazine. 163,571; Sept. 11.
Bear Brand Hosiery C. (See Paramount Knitting Co.)
Bear Brand Hosiery Co. (See Regal Knitting Company.)
Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 176,319; Aug. 7.
Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 176,593–4; Oct. 9.
Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 175,671; June 12.
Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 176,595; June 26.
Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 181,165; Oct. 9.
"Bear Cat" Products Co., Detroit, Mich. Finishing or polishing material for painted, varnished, or enameled surfaces. 186,210; Nov. 20.
Bear, E. A., & Co., Chicago, Ill. Food mixture used for making cakes, cookies, and frosted creams. 176,596; Sept. 11.
Bear, John D., Company. (See O'Rear, Robert E.)
Bear Mill Manufacturing Company, Inc., New York, N. Y. Cotton broadcloth. 179,351; Aug. 7.
Bear Mill Manufacturing Company, Inc., New York, N. Y. Cotton cloth. 185,553; Nov. 20.
Beardsley, Calvin L., doing business as Beardsley Specialty Co., Rock Island, Ill. Beverage sold as a soft drink and sirups used in the preparation of same. 172,858; Mar. 13.
Beardsley, Robert, doing business as Beardsley Studios, Chicago, Ill. Lighting fixtures. 153,196; Nov. 13.
Beardsley, Robert, doing business as Beardsley Studios, Chicago, Ill. Lamp shades of fibrous material. 174,997; July 17.
Bearman, William H., Baltimore, Md. Hosiery. 181,973; Sept. 18.
Beaton & Cadwell Manufacturing Company, The, New Britain, Conn. Saw-handle trimmings. 167,710; Feb. 6.
Beaton & Cadwell Manufacturing Company, The, New Britain, Conn. Mops and mopsticks. 175,760; Apr. 17.
Beaton, J. R., Co. Inc., New York, N. Y. Laundry and toilet soap. 185,405; Nov. 20.
Beatrice Creamery Company, Chicago, Ill. Cheese. 172,793; Apr. 10.
Beatrice Creamery Company, Chicago, Ill., and Topeka, Kans. Milk and cream. 175,459; June 19.
Beatrice Creamery Company, Chicago, Ill. Ice cream. 182,734; Oct. 30.
Beaumont Mfg., Company, Philadelphia, Pa. Gates for granular materials. 181,930; Sept. 11.
Beaumont, R. H., Company, Philadelphia, Pa. Screens for granular materials. 181,929; Oct. 16.
Beautex Laboratories Company, The, Cleveland, Ohio. Vanishing, cleansing, and tissue creams, cream powder, rouge, etc. 176,817; June 12.
Beauty House, The. (See Ansehl, David.)
Beaux-Arts Candy Company, Chicago, Ill. Candy. 181,002–3; Sept. 25.
Beaver, L. S., Vinita, Okla. Hair tonic. 178,374; Sept. 25.
Bech, Van Siclen & Co., Inc., New York, N. Y. Solidified-coal-tar disinfectants. 174,815; Aug. 7.
Bechdolt, Mabel. (See Bechdolt, Jack and M.)
Bechdolt, Jack, and Mabel Bechdolt, doing business as Mabel Claire Studio, New York, N. Y. Candles. 177,427; Sept. 18.
Becher, Jacob, Brooklyn, N. Y. Fur skins. 167,762; Feb. 13.
Bechtol, Archie H., doing business as Southern Confection Co., Memphis, Tenn. Confection in the nature of candies. 170,617; May 8.
Beck, Arthur, Chicago, Ill. Flavoring extracts for food purposes. 146,196; Dec. 11.
Beck & Belaief, New York, N. Y. Caps for men and boys. 165,910; Mar. 6.
Beck Duplicator Company, The, New York, N. Y. Duplicating rolls. 177,065; Sept. 11.
Beck, Ernst, Lebanon, Mo. Eggs. 178,808; Dec. 11.
Beck, William and Charles, Inc., Lawrence, Mass. Fabric hose. 160,740; Jan. 23.
Beck, Wm. & Chas., Inc., Lawrence, Mass. Cotton fire hose. 175,124; Apr. 3.
Beck, Wm. & Chas., Inc., Lawrence, Mass. Linen fire hose. 176,873; Oct. 16.
Beck, Wm., & Chas., Inc., Lawrence, Mass. Cotton fire hose. 176,874; Aug. 7.
Beck, Wm. & Chas., Inc., Lawrence, Mass. Linen fire hose. 176,875; Oct. 16.
Beck, Wm. & Chas., Inc., Lawrence, Mass. Cotton fire hose. 177,950; June 5.
Beck, Wm. & Chas., Inc., Lawrence, Mass. Linen fire hose. 185,648; Dec. 4.
Becker, August J., doing business as Becker's Bakery, Red Wing, Minn. Bread and doughnuts. 161,022; Mar. 27.
Becker, Christian, Inc., New York, N. Y. Balances and weighing scales. 175,597; May 1.
Becker, Dr., Medicine Co., New York, N. Y. Insecticide ointment and shampoo. 174,382; May 8.
Becker Paper Corporation, New York, N. Y. Writing and bond paper. 178,208; July 17.
Becker Paper Corporation, New York, N. Y. Writing and bond paper. 178,209; May 15.
Becker, Smith & Page, Inc., Philadelphia, Pa. Wall paper. 173,619; Mar. 27.
Becker's Bakery. (See Becker, August J.)
Beckert, Richard E., doing business as S. M. Spencer Mfg. Co., Boston, Mass. Stencil inks. 183,134; Dec. 11.
Beckley-Ralston Co., Chicago, Ill. Radioadapters for connecting radio receiving sets to amplifying chambers of phonographs. 163,608; Oct. 9.
Beckworth Co., The, Reedley, Calif. Preserved figs. 164,861; Jan. 9.
Bedford Mills, Inc., New York, N. Y. Shadow-stripe cotton sateen in the piece. 174,059; Mar. 6.
Bedsole-Colvin Drug Co., Inc., Mobile, Ala. Writing tablets. 181,510; Aug. 14.
Bedsole-Colvin Drug Co., Mobile, Ala. Insect destroyer. 183,329; Nov. 20.
Beebe Laboratories, Incorporated, doing business as Ward and Pierre, St. Paul, Minn. Face creams. 172,724; June 19.
Beech-Nut Packing Company, Canajoharie, N. Y. Ice cream. 159,687; Nov. 13.
Beech-Nut Packing Company, Canajoharie, N. Y. Bacon. 162,798; Apr. 24.
Beecham, Emma, doing business as Beechams Laboratory, Oscawana-on-Hudson, N. Y. Perfume, toilet waters, face powders, etc. 170,362; Oct. 23.
Beegle Packing Co., Ketchikan, Alaska. Canned salmon. 181,106; Aug. 21.
Beerli, Joseph F., Cleveland, Ohio. Physiological nutritive salts. 177,894; July 17.
Beesemyer-Waggoner, Inc., Los Angeles, Calif. Canned fruits and vegetables. 185,650; Nov. 20.
Beesemyer-Waggoner, Inc., Los Angeles, Calif. Canned fruits and vegetables. 185,687–9; Nov. 13.
Begley Mechanical Corporation, New York, N. Y. Automobile stop and direction indicators. 144,309; July 24.
Behlen, H., & Bro., New York, N. Y. Brushes. 185,283; Nov. 20.
Behlen, H., & Bro., New York, N. Y. Ruling, edge, and marbling colors, and marbling sizes. 185,285; Dec. 11.
Behr, Herman, & Company, Incorporated, Brooklyn, N. Y. Abrasive papers and cloth. 172,824; Feb. 27.
Behrendt, Jacob W., San Francisco, Calif. Solution for the treatment of inflamed, tender, or bleeding gums, pyorrhea, etc. 173,554; Apr. 3.
Behrer, Martin, doing business as Behrer & Company, New York, N. Y. Shower and shampoo fixtures, curtain rods, bathroom stalls, etc. 144,958; Aug. 28.
Beia Company, The. (See Yorita, George.)
Beir, Arthur, & Co. Inc., New York, N. Y. Silk, cotton, and wool piece goods and combinations thereof. 174,953; Aug. 28.
Bela, Szalai, doing business as "Cito" Gyogyszer es Vegyeszeti Laboratorium, Budapest, Hungary. Medicines used in the treatment of bronchitis, tubercular diseases, etc. 165,663; Nov. 13.
Belcraft Shirt Company, New York, N. Y. Men's dress shirts. 166,872; Jan. 2.
Bel-Jar Coffee Co., Inc., Miami, Fla. Coffee. 163,915; Feb. 27.
Bell, Claude A., Tyngsboro, Mass. Artificial-vanilla flavoring compound for candies, cakes, pies, puddings, and ice cream. 169,148; June 5.
Bell Company, The, Worcester, Mass. Woolen, worsted piece goods. 179,769; Sept. 18.
Bell, Frank W., doing business as The Bell Emulsion Company, Staunton, Va. Petroleum emulsion. 175,334; Aug. 14.
Bell, James W., & Co., Chicago, Ill. Monthly magazine. 175,594; June 12.
Bell Syndicate, Inc., The, New York, N. Y. Series of cartoons. 172,577; Feb. 27.
Bell Syndicate, Inc., The, New York, N. Y. Series of cartoons. 178,086; May 22.
Bell Syndicate, Inc., The, New York, N. Y. Series of cartoons. 181,166; Sept. 25.
Bell Tire Company Incorporated, New York, N. Y. Pneumatic automobile tires. 164,784; Jan. 2.
Belle Mead Sweetsmakers, The Trenton, N. J. Candy. 171,148; Mar. 27.
Beller, A., & Company, New York, N. Y. Ladies' coats, capes, suits, and dresses. 185,359; Dec. 18.
Bellevue Kraut & Pickling Co., The, Bellevue, Ohio. Canned sauerkraut. 182,125; Sept. 4.
Bellingham Publishing Company, Bellingham, Wash. Afternoon newspaper. 175,127; Apr. 17.
Bellingham Publishing Company, Bellingham, Wash. Morning newspaper. 175,128; Apr. 17.
Bellis Heat Treating Company, The, New Haven, Conn. Salts in solid form for metal heat-treating baths. 170,749; Feb. 13.
Belo, A. H., & Company, Incorporated, Galveston, Tex. Daily newspaper. 174,880; Aug. 21.
Belo, A. H., & Company, Incorporated, Galveston and Dallas, Tex. Daily newspaper. 174,881–2; Aug. 21.
Belo, A. H., & Company, Incorporated, Galveston and Dallas, Tex. Semiweekly agricultural newspaper. 174,883; Aug. 21.

Be-Neet Manufacturing Co., Inc., New York, N. Y. Hair nets. 180,356; July 10.
Bement-Rea Co. Inc., Terre Haute, Ind. Baking powder. 169,393; Feb. 20.
Bemis Bro. Bag Company, St. Louis, Mo. Cotton, burlap, and paper bags. 145,544; June 19.
Bemis Bro. Bag Co., St. Louis, Mo. Burlap bags. 173,555; Mar. 20.
Bemis, Charles B., Athol, Mass. Frozen confection. 178,891; Aug. 28.
Bender Company, The, Milwaukee, Wis. Working clothes for men and boys. 184,633; Dec. 11.
Bender, Edwin S., doing business as The Credo Check Company, Orange Cove, Calif. Checks. 184,707; Oct. 16.
Bendiner & Schlesinger. (See Schlesinger, Maurice F.)
Benedict, Charles L., doing business as The "5 in 1" Letter-Envelope Co., Toronto, Ontario, Canada. Letter sheets and mailing or correspondence envelopes and the like. 151,935; Feb. 13.
Benedict, T. N., Mfg. Co., East Syracuse, N. Y. Silver-plated table and hollow ware, etc. 167,670; Oct. 23.
Benedict, T. N., Mfg. Co., East Syracuse, N. Y. Silver-plated table and hollow ware and articles plated with precious metals. 167,671; Sept. 4.
Benedict, Wilbert M., New York, N. Y. Talcum, shampoo jelly, medicinal plasters, and salve. 170,556; Mar. 20.
Benetol Company, The. (See Carel, Hubert C.)
Benjamin Electric Manufacturing Company, Chicago, Ill. Electrical-lighting-fixture units. 166,277; Oct. 23.
Benjamin Electric Manufacturing Company, Chicago, Ill. Electrical plug clusters. 186,582; Dec. 4.
Benjamin Electric Manufacturing Company, Chicago, Ill. Electrical lighting-fixture clusters. 186,583; Dec. 25.
Benjamin Electric Manufacturing Company, Chicago, Ill. Plug sockets. 186,865; Dec. 4.
Benjamin & Johnes, Newark, N. J. Brassières. 170,861; Apr. 24.
Benjamin Moseley Co., The, Needham, Mass. Sweaters. 169,220; Jan. 9.
Benjamin & Weil, Inc., New York, N. Y. Ladies' undervests, corset covers, and brassières. 182,289; Oct. 30.
Benn Chemical Co. (See Oakley, Richard A.)
Bennett Day Importing Company, Inc., New York, N. Y. Figs, dried fruits, and nuts. 161,029; Jan. 2.
Bennett, Geo. A., doing business as The "Klipto" Loose Leaf Manufacturing Co., San Francisco, Calif. Renewable-leaf books and binders. 171,892; Jan. 2.
Bennett Glass & Paint Company, Salt Lake City, Utah. Paints, varnishes, and paint enamels. 185,649; Dec. 4.
Bennett, Nellie L., doing business as Mayfair, Hollywood, Calif. Jams and fruit preserves. 165,478; Feb. 6.
Bennett, R. L., Co., New York, N. Y. Bathing suits and trunks. 155,590; Nov. 13.
Bennett Rubber Co. Inc., Los Angeles, Calif. Boiler compound. 183,729; Dec. 18.
Bennett, Virginia D., New York, N. Y. Face powders, face creams, perfumes, toilet waters, etc. 163,961; May 22.
Bennington Wax Paper Company, Bennington, Vt. Wax paper, wax lunch rolls, dry and waxed shredded paper, etc. 179,453; Oct. 30.
Benson, Benj. D., & Sons, Inc., New York, N. Y. Labeling clips for use with loose-leaf binders. 152,536; June 19.
Bentley, Henry G., doing business as H. G. Bentley, Dallas, Tex. Arch supporters for the human foot. 176,108; May 8.
Bentley & Twohey Silk Co., Newton, N. J., and New York, N. Y. Silk piece goods and artificial-silk, cotton, wool, and worsted piece goods and combinations thereof. 172,197; June 26.
Benton Holladay & Co., New York, N. Y. Oil leather dye. 172,195; Apr. 3.
Benz Toilet Products, Inc., Syracuse, N. Y. Talcum and face powders, face creams, etc. 185,198; Dec. 4.
Benzo-Gas Motor Fuel Company, Kansas City, Mo. Lubricant for machinery. 167,512; Oct. 23.
Benzo-Gas Motor Fuel Company, Kansas City, Mo. Liquid motor fuel. 179,086; June 19.
Benzol Motor Fuel Company, The, Akron, Ohio. Fuel for internal-combustion engines. 187,792; Dec. 25.
Beougher, Lawrence E., McFarland, Calif. Polishes for automobiles and furniture. 176,781; Apr. 24.
Berardi, John B., doing business as the Goodwear Tire and Rubber Co., Bridgeport, Conn. Automobile tires made of rubber and fabric and inner tubes of rubber for tires. 165,479; Feb. 27.
Berbecker & Rowland Mfg. Co., The, Waterville, Conn. Furniture slides. 172,317; Dec. 11.
Berco Medicine Co. (See Gilbert, Henry S.)
Berdan Company, The, Toledo, Ohio. Coffee and tea. 167,862; Aug. 14.
Berdan Company, The, Toledo, Ohio. Coffee and tea. 167,863; Nov. 27.
Berdan Company, The, Toledo, Ohio. Coffee and tea. 167,864; Mar. 6.
Berdon, Albert E., doing business as Aero-Kord Co., Detroit, Mich. Combined cords and plugs used to connect translating devices with lamp sockets. 165,658; Jan. 9.
Berea Milling Co., The, Berea, Ohio. Milling products. 145,933; Apr. 3.
Bereman, James H., doing business as Stillman Freckle Cream Co., Aurora, Ill. Creams suitable for the treatment of freckles. 173,318; May 29.
Berendsen Silk Knitting Co., Bangor, Pa. Hosiery. 179,646–7; Aug. 28.
Berendsen Silk Knitting Co., Bangor, Pa. Full-fashioned and novelty hosiery. 179,648; Aug. 14.
Berg, Charles F., Portland, Oreg. Hosiery. 180,833; Oct. 2.
Berg, Frank L., Alton, Ill. Candy. 173,289; Apr. 24.
Berg, L. M., doing business as The Hirsutine Laboratories, Chicago, Ill. Lotions and salves to be used in combating infections of the skin, scalp, etc. 165,119; Feb. 20.
Berg, Mannie, Baltimore, Md. Men's furnishings. 171,118; Mar. 6.
Berger, Elmer C. A., doing business as Berger & Company, Los Angeles, Calif. Rear-view mirrors for automobiles. 177,646; June 19.
Berger, Harry, doing business as Harry Berger Shirt Company, New York, N. Y. Men's and boys' shirts. 163,566; Jan. 9.
Berger, Harry, doing business as Harry Berger Shirt Company, New York, N. Y. Men's and boys' shirts. 177,763; July 31.
Berger, Harry, doing business as Harry Berger Shirt Company, New York, N. Y. Men's and boys' shirts, collars, pyjamas, etc. 180,205; Dec. 18.
Berger, Harry, doing business as Harry Berger Shirt Company, New York, N. Y. Men's and boys' collars, pyjamas, and shirts. 180,739; Sept. 11.
Berger, Harry, doing business as Harry Berger Shirt Company, New York, N. Y. Men's and boys' collars, pyjamas, and shirts. 180,740–3; Aug. 7.
Berger, Harry, Shirt Company. (See Berger, Harry.)
Berger Hosiery Company, Philadelphia, Pa. Hosiery. 167,040; June 5.
Berger, Isodor, doing business as Eclipse Knitting Mills, Newark, N. J. Sweaters. 181,719; Nov. 20.
Berger, Joe R., doing business as Joe R. Berger Food Products Company, Cincinnati, Ohio. Mayonnaise, salad and cooking oil, olive oil, and tartar sauce. 180,649; Dec. 11.
Bergfors, Gustav A., Braintree, Mass. Lubricating oils. 186,212; Nov. 20.
Bergman, Adolph, doing business as Osceola Knitting Mills, Philadelphia, Pa. Knitted jackets, coats, sweaters, and golf stockings. 179,923; Aug. 28.
Bergmann, Christian N., Pittsburgh, Pa. Ice cream. 174,651; Nov. 6.
Berguson-Skinner Corporation, Chicago, Ill. Pistons. 156,248; June 26.
Berkeley Light Corporation, San Francisco, Calif. Electric headlights and flood lights. 137,513; Apr. 24.
Berkenfield, Irving, doing business as Field Laboratories, Erie, Pa. Hair tonic and restorer. 183,135; Dec. 11.
Berkley, Frederick M., New York, N. Y. Printed advertising matter. 151,197; Feb. 27.
Berkley, Frederick M., New York, N. Y. Printed matter. 151,198; Feb. 27.
Berkson & Modjeska, Chicago, Ill. Neckties. 184,231; Nov. 6.
Berlin & Jones Company, Inc., New York, N. Y. Stationery. 176,782; Dec. 11.
Berlin & Jones Company, Inc., New York, N. Y. Writing paper and envelopes. 176,783; May 8.
Berliner, Edwin E., & Co., New York, N. Y Cotton piece goods. 171,444; Nov. 13.
Berliner, Edwin E., & Co., New York, N. Y. Cotton piece goods. 171,445; Feb. 13.
Berliner, Edwin E., & Co., New York, N. Y. Cotton piece goods. 171,446; Aug. 14.
Berman, Charles M., New York, N. Y. Powder puffs. 174,230; June 19.
Berman, Gustave, New York, N. Y. Umbrellas and parasols. 180,834; Oct. 2.
Berman, Louis C., Chicago, Ill. Lifting jacks. 185,554; Nov. 20.
Bermejo, Juan, New York, N. Y. Plain and fancy cakes. 177,582; Sept. 18.
Bern, Philip S., doing business as Philsbern Products Co., New York, N. Y. Furniture and automobile polishes with incidental properties as metal polishes. 174,505; May 15.
Bernard, Albert, New York, N. Y. Candies. 176,155–6; June 19.
Bernard & Blanchard, Albany, N. Y. Salt. 183,902; Dec. 18.
Bernd, G., Company, Macon, Ga. Horse collars. 181,053; July 10.
Bernese Alps Milk Co., Stalden, Switzerland. Milk and milk products. 176,533; Dec. 25.
Bernet, Craft and Kauffman Milling Company, St. Louis, Mo. Wheat flour. 156,516; Feb. 6.
Bernet, Craft & Kauffman Milling Co., St. Louis, Mo. Wheat flour. 179,924; Nov. 6.
Bernhard Ulmann Co. Inc., New York, N. Y. Yarns for knitting, crocheting, and art needlework. 176,375; Apr. 10.
Bernhard Ulmann Co. Inc., New York, N. Y. Yarns for knitting, crocheting, and art needlework. 176,378; June 5.

Bernhard Ulmann Co., Inc., New York, N. Y. Yarns for knitting, crocheting, and art needlework. 176,379; Apr. 10.
Bernhard Ulmann Co. Inc., New York, N. Y. Yarns for knitting, crocheting, and art needlework. 176,380; June 5.
Bernhard Ulmann Co. Inc., New York, N. Y. Yarns for knitting, crocheting, and art needlework. 176,382; Apr. 10.
Bernhard Ulmann Co. Inc., New York, N. Y. Yarns for knitting, crocheting, and art needlework. 180,199; July 10.
Bernhard Ulmann Co., Inc., New York, N. Y., Yarns and threads of wool, worsteds, cotton, silk, etc. 184,698; Oct. 23.
Bernhardt, Max E., New York, N. Y. Smokers' articles. 169,394; Mar. 13.
Bernheimer, Jacob S., & Bro., doing business as Mulhouse Mills, New York, N. Y. Imitation sateens. 179,087; Aug. 14.
Bernstein, Louis, doing business as Princess Dress House, New York, N. Y. Ladies' dresses of silk, cotton, etc. 169,235; May 8.
Bernstein, Louis, doing business as Bernstein Shoe Co., New York, N. Y. Women's shoes. 170,862; Jan. 23.
Bernstein, Samuel, doing business as Reliable Household Specialties Mfg. Co., New York, N. Y. Stove polish and furniture polish. 173,609; May 22.
Bernstein Shoe Co. (See Bernstein, Louis.)
Berry Brothers, Detroit, Mich. Varnishes. 177,647; Apr. 24.
Berry, Demoville & Co., Nashville, Tenn. Castor oil. 176,157; Aug. 7.
Bersted Mfg. Company, Chicago, Ill. Locking door handles. 171,060; Apr. 3.
Berthorn Chemical Co., New York, N. Y. Chemical preparation recommended for relief of acids and gases in stomach and intestines. 176,320; June 19.
Bertini Bros., Chicago, Ill. Olive oil. 166,034; Jan. 16.
Bertman, Geo. J., Shoe Co., Inc., Chicago, Ill. Shoes. 177,422; Nov. 13.
Bertolaia & Goedert, New York, N. Y. Coal-tar disinfectant. 169,472; Jan. 9.
Bertrand, E. A., Taft, Calif. Title of a monthly publication in magazine form. 159,684; Feb. 27.
Berwind Fuel Company, Minneapolis, Minn. Coal. 183,622; Oct. 30.
Besaw, Willie O., Reedley, Calif. Fuse plugs. 167,929; Apr. 3.
Beshere, Joseph J., doing business as Vita-Grain Mfg. Co., Charleston, S. C. Cereal breakfast food. 164,856; Jan. 30.
Bessell, Louis, New York, N. Y. Earrings, finger rings, pendants, scarf pins, etc. 177,266; July 24.
Besson & Co. Ltd., London, England. Wind musical instruments. 177,066; Aug. 21.
Best & Co. Inc., New York, N. Y. Women's and misses' furnishings and clothing. 174,884; June 5.
Best & Co. Inc., New York, N. Y. Misses' and girls' furnishings, undergarments, and clothing. 185,550; Dec. 4.
Best Foods, Inc., The, New York, N. Y. Vegetable shortening. 182,198; Sept. 11.
Best Foods, Inc., The, New York, N. Y. Hydrogenated coconut oil. 186,688–9; Dec. 25.
Bestmake Boys Clothing Co., Inc., New York, N. Y. Suits and topcoats. 171,199; June 19.
Bestyett Food Company. (See Whitsitt, Sarah G.)
Bethel Springs Water Co., Boothwyn, Pa. Battery water. 180,744; Aug. 14.
Bethelite Co., The. (See Lafans, Walter S.)
Bethlehem Fabricators, Inc., Bethlehem, Pa. Structural members. 167,795; July 17.
Bethlehem Narrow Textiles Co., Bethlehem, Pa. Hosiery. 187,194; Dec. 18.
Bethlehem Steel Company, Bethlehem, Pa. Structural steel. 173,738; May 1.
Bethlehem Steel Company, Bethlehem, Pa. Metal valves for mains and pipes. 179,845; Sept. 4.
Betsy Ross Candy Shops. (See Frawley, Josephine B.)
Betsy Ross Hair Net Corp., New York, N. Y. Hair nets. 185,509; Nov. 13.
Better Pictures Publishing Co., Chicago, Ill. Monthly periodical. 175,912; June 26.
Better Times, Inc., New York, N. Y. Printed periodical. 187,372; Dec. 11.
Betterton-Rupert Coffee Co., Ashland, Ky. Coffee. 179,771; Oct. 23.
Betterton-Rupert Coffee Co., Ashland, Ky. Coffee. 183,903; Dec. 11.
Betterton-Rupert Coffee Co., Ashland, Ky. Roasted peanuts. 183,904; Oct. 9.
Bettmann-Dunlap Company, The, Cincinnati, Ohio. Leather boots and shoes. 181,004; Nov. 13.
Bettmann-Dunlap Company, The, Cincinnati, Ohio. Leather boots and shoes. 181,005; Dec. 25.
Bettmann-Dunlap Company, The, Cincinnati, Ohio. Leather boots and shoes. 181,006–7; Nov. 20.
Bettmann-Kleinhauser Clothing Company, St. Louis, Mo. Suits and overcoats for children and men. 183,792; Nov. 20.
Betty Lou, Chicago, Ill. Face powders. 168,536; May 29.
Betty Lou College Candy Company, Atlanta, Ga. Candies. 152,670; Jan. 9.
Beuchel, Bertha H., doing business as Beuchel Mfg. Co., St. Louis, Mo. Hair tonic and scalp ointment. 176,158; Sept. 18.
Beuret & Company, Incorporated, New York, N. Y. Piece goods of cotton, mohair, etc., for men's suiting. 183,464; Dec. 4.
Beverage Extract Company, Chicago, Ill. Beverage sold as soft drink and a compound for making same. 179,513; July 17.
Beveridge, Melvin H., doing business as Fever Nox Company, Bayles, Calif. Ointments, influenza medicine, laxative tablets, etc. 160,240; July 3.
Bevin-Wilcox Line Company, East Hampton, Conn. Fishlines. 175,595; Apr. 24.
Bevis Rock Salt Co., Kansas City, Mo., and Lyons, Kans. Salt. 176,109–11; July 17.
Beyer-Frey Chemical Company, Inc., Lancaster, Pa. Preparation for exterminating insects. 182,083; Nov. 6.
Beyerle, J. J., Mfg. Co., assignor to Beyerle Manufacturing Company, New York, N. Y. Rubber baby pants. 156,679; Jan. 30.
Bibby, J., & Sons Limited, Liverpool, England. Food for cattle. 175,913; Dec. 11.
Bickmore Company, The, Old Town, Me. Healing powder for wounds and sores on all kinds of live stock. 179,454; Aug. 21.
Bickum, Dorothy, New York, N. Y. Brassières. 174,999; June 26.
Bickum, Dorothy, New York, N. Y. Brassières. 176,159; June 26.
Bickum, Dorothy, New York, N. Y. Combined bandeau and girdle, combined brassière and girdle, combined brassière and corselette. 178,953; Aug. 28.
Biddle, Alice M., doing business as Carrolton Packing Co., Hanford, Calif. Dried fruit. 177,821; June 12.
Bidelman, Mary E., doing business as Bidelman & Company, Fort Worth, Tex. Salve for treating insect bites and stings, etc. 182,464; Dec. 18.
Bieg, Elsie W., Chicago, Ill. Chinaware. 177,472; June 5.
Biegler, E. N., Manufacturing Co., Chicago, Ill. Plaster-like composition for use as a surfacing for floors walls, roofs, etc. 180,412; Aug. 7.
Biegler, George C., doing business as Dent Laboratories, Cincinnati, Ohio. Antiseptic. 165,058; Apr. 17.
Biehl, George M., doing business as Liberty Storage Battery Company, Pottsville, Pa. Storage batteries. 167,347; Apr. 3.
Biel, Conrad E., doing business as Denver Optic Company, Denver, Colo. Artificial eyes. 178,211; May 15.
Bielek Manufacturing Company, Pittsburgh, Pa. Liniment for external application and herb tablets for treatment of kidney and stomach troubles, constipation, etc. 158,749; Jan. 2.
Bielek Manufacturing Company, Pittsburgh, Pa. Liniment for external application and herb tablets for treatment of kidney and stomach troubles, constipation, etc. 158,751; Jan. 2.
Biertuempfel Bros. Cork Company, Newark, N. J. Corks. 172,076; Mar. 13.
Big Four Chemical Products Co., Indiana Harbor, Ind. Massage cream. 177,583; Sept. 18.
Big Four Chemical Products Co., Indiana Harbor, Ind. External preparation for rheumatism pains, cold in chest, etc. 177,584; Sept. 18.
Big State Co. (See Hollis, Paul S.)
Biggar, W. M., & Co., New York, N. Y. Worsted piece goods. 174,165; Apr. 3.
Bilhuber, E., Inc., New York, N. Y. Medicinal preparation for treatment of asthma, etc. 173,695; Apr. 10.
Bill, Bell & Co., Incorporated, Ogdensburg, N. Y. Wheat flour. 179,178; Sept. 25.
Billard, Pierre, Paris, France. Medicinal vaporizing device. 167,594; Oct. 23.
Biloxi Packing & Trading Co., Biloxi, Miss. Canned shrimp and oysters. 158,175; Jan. 9.
Biloxi Packing & Trading Co., Biloxi, Miss. Canned oysters and shrimp. 170,364; Oct. 30.
Biloxi Packing & Trading Co., Biloxi, Miss. Canned oysters and shrimp. 173,397; May 22.
Biltmore Industries. (See Grove Park Inn, Inc.)
Biltrite Collar Co. (See Cohen, Harry and Charles.)
Bing, I. & S., Company, The, Cincinnati, Ohio. Men's overcoats, trousers, and suits. 167,068; Feb. 20.
Binghamton Candy Co., Binghamton, N. Y. Candy. 184,318; Nov. 13.
Binkert, Damon A., doing business as Solvine Chemical Company, Washington, D. C. Antiseptic powder. 178,546; May 22.
Bio-Chemic Laboratory. (See Jensen, Dr. Walter D.)
Bion F. Reynolds Company, Brockton, Mass. Shoes. 169,730; Apr. 10.
Bi-Oxo-Dyn Co., Savannah, Ga. Medical preparation and urethral bland. 169,346; Feb. 20.
Birchfiel, Carl R., doing business as Easy-Go-Lax Relief Co., Maryville, Tenn. Cold tablets. 167,377; Nov. 27.
Birchfield Boiler Company, Tacoma, Wash. Steam and hot-water heating boilers. 166,974; Jan. 2.

Alphabetical list of trade-mark applicants—Continued.

Birchfield, Charles A., New York, N. Y. Radio receiving apparatus and parts thereof. 181,009; Oct. 9.
Bird-Archer Company, The, New York, N. Y. Brass and iron cleaners. 158,595; May 1.
Bird-Archer Company, The, New York, N. Y. Core facings, blockings, and binders, etc. 158,596; Apr. 17.
Bird, Harry S., Newark, N. J. Parlor game. 183,688; Nov. 6.
Bird, Mellen T., doing business as T. Bird & Co., Boston, Mass. Correspondence paper, cards, envelopes, etc. 179,846; June 19.
Birdsey Somers Co., New York, N. Y. Corsets, brassières, and girdles. 177,212; June 5.
Birdsey Somers Company, New York, N. Y. Corsets, waists, girdles, and corset combinations. 167,221; Jan. 30.
Birdsey Somers Company, New York, N. Y. Corsets, waists, girdles, and corset combinations. 167,507; Jan. 30.
Birdsey Somers Company, New York, N. Y. Brassières. 174,532; June 26.
Birk, Walter O., Candy Company, Chicago, Ill. Candy. 169,525; Dec. 11.
Birnbaum, Rosenbloom & Yellen, New York, N. Y. Infants' caps. 173,696; Sept. 18.
Birnie Paper Company, Springfield, Mass. Writing and printing paper mailing envelopes, and papeteries. 176,876–7; Apr. 10.
Birtman Electric Company, Chicago, Ill. Electric vacuum cleaner. 175,380; May 29.
Bishop, Arthur W., doing business as King & Winston Products Co., St. Louis, Mo. Pile balm and tablets for disorders of the liver and bowels. 176,710; July 10.
Bishop & Babcock Company, The, Cleveland, Ohio. Thermostatic regulating or control valves. 180,095; Oct. 16.
Bishop, Clara M., New York, N. Y. Brassières. 167,931; Jan. 30.
Bishop & Company, Los Angeles, Calif. Cookies. 174,955–6; July 31.
Bishop & Company, Los Angeles, Calif. Cookies. 182,465; Oct. 2.
Bishop, R. G., and Company. (See Bishop, Robert G.)
Bishop, Robert G., doing business as R. G. Bishop and Company, Dallas, Tex. Medicine for aiding digestion. 168,195; Jan. 9.
Bisleri, Felice, & C., Milan, Italy and New York, N. Y. Medicinal bitters and general tonic. 140,825; Sept. 18.
Bittersweet Products Corporation, Yonkers, N. Y. Ice cream. 180,579; Sept. 25.
Bixby, S. M., & Co. Inc., Brooklyn and Buffalo, N. Y. Shoe polish and dressing. 187,083; Dec. 4.
Bixler Baking Company, The, Youngstown, Ohio. Bread. 169,615; Feb. 27.
Bixler Baking Company, The, Youngstown, Ohio. Bread. 176,597; Sept. 11.
Bizzoni, Humbert, New York, N. Y. Wrinkle remover, depilatory, deodorant, etc. 172,412; Mar. 27.
Black Bros. Flour Mills, Beatrice, Nebr. Wheat flour. 167,703; June 5.
Black Bros. Flour Mills, Beatrice, Nebr. Wheat flour. 171,609; May 1.
Black Bros. Flour Mills, Beatrice, Nebr. Poultry feed. 172,792; June 5.
Black Bros. Flour Mills, Beatrice, Nebr. Wheat flour. 182,396; Oct. 2.
Black, J. S., Kansas City, Mo. Wheat flour. 169,048; Mar. 27.
Black Silk Stove Polish Works, Sterling, Ill. Gas-range dressing and polishing oil. 168,445; Jan. 23.
Black, Walter B., Hoopeston, Ill. Poultry foods. 170,750; May 1.
Black, William C., doing business as Herbolac Drug & Mfg. Co., Louisville, Ky. General medicinal tonic. 166,632; Feb. 20.
Blackbird Factories, Inc., Los Angeles, Calif. Typewriter ribbons. 146,950; Apr. 24.
Blackburn, Mrs. L. A., Fort Worth, Tex. Preparation for influenza. 173,952; Apr. 10.
Blackburn Products Co., The, Dayton, Ohio. Kidney and bladder medicine. 166,979; Jan. 23.
Blackburn Products Co., The, Dayton, Ohio. Medicinal compound for the treatment of coughs, and a salve. 167,595; May 1.
Blackburn Products Company, The, Dayton, Ohio. Medicine for rheumatism. 181,473; Nov. 27.
Blackburn Varnish Co., The, Cincinnati, Ohio. Varnish and varnish stains. 176,784; May 15.
Blackford, Herbert R., Brooklyn, N. Y. Candied popcorn and other pop-corn confections. 164,153; Jan. 9.
Blackhawk Remedy Co. (See Whitmore, William A.)
Black-Iron Stove Polish Co., Lawrence, Mass. Stove and metal polishes. 171,298; Mar. 13.
Blackman & Blackman, New York, N. Y. Catheters, ear and ulcer syringes, finger cots, etc. 179,986; Sept. 4.
Blackman, Maurice, Philadelphia, Pa. Sirups and non-alcoholic, maltless beverages. 150,588; Oct. 2.
Blackmore, Edwin N., Vancouver, British Columbia, Canada. Washing compounds and liquids. 172,825; Apr. 24.
Blæez, J. H., Philadelphia, Pa. Hosiery. 155,595; Apr. 3.
Blair, J. C., Company, Huntingdon, Pa. Paper, envelopes, tablets, blank books, papeteries. 175,706; Apr. 3.
Blair, Samuel A., doing business as Blair Lumber Company, New York, N. Y. Wall or plaster board. 174,723; Apr. 17.
Blaisdell Pencil Company, Philadelphia, Pa. Lead pencils, pencil-point protectors, and penholders. 175,914; Apr. 17.
Blaisdell Pencil Company, Philadelphia, Pa. Lead pencils. 176,943; Apr. 24.
Blaisdell Pencil Company, Philadelphia, Pa. Lead Pencils. 178,212; May 29.
Blaisdell Pencil Company, Philadelphia, Pa. Lead pencils. 188,178; Dec. 18.
Blake, C. C., Incorporated, Boston, Mass. Leather shoes. 181,877; Sept. 11.
Blake, Henry, Harness Company, assignor to Babson Bros., Chicago, Ill. Harness. 168,292; May 29.
Blake, Mrs. E. A., doing business as Austin Manufacturing Co., Detroit, Mich. Preparation for use in the treatment of hair and scalp. 167,797; June 26.
Blake, Moffitt & Towne, San Francisco, Calif. Wrapping paper. 187,286; Dec. 11.
Blake, Moffitt & Towne, San Francisco, Calif. Twine. 187,291; Dec. 25.
Blake, Moffitt & Towne, San Francisco, Calif. Greaseproof paper. 187,292; Dec. 11.
Blake, William H., Jersey City, N. J. Mechanical pencils. 181,585; Aug. 7.
Blakely, Harry C., New Britain, Conn. Potato chips. 168,913; Apr. 3.
Blanc Manufacturing Co. (See Blanc, Samuel.)
Blanc, Samuel, doing business as Blanc Manufacturing Co., Philadelphia, Pa. Antiseptic, astringent, and deodorant mouth wash.
Blanchard, George E., doing business as Blanco Remedy Company, Mendota, Ill. Preparation for roup, cholera, and white diarrhea for poultry. 179,352; Nov. 6.
Blanchette, Auguste, Pawtucket, R. I. Ointment for external use for cuts, bruises, sprains, and eruptions. 174,887; June 5.
Blanco Remedy Company. (See Blanchard, George E.)
Blanke-Baer Extract & Preserving Company, St. Louis, Mo. Jelly, apple butter, and preserves. 163,316; Jan. 30.
Blanke, C. F., Candy Company, branch of C. F. Blanke Tea & Coffee Company, St. Louis, Mo. Candy. 181,107–8; Oct. 30.
Blankenburg, R., Company, The, Philadelphia, Pa. Cotton goods in the piece. 184,320; Oct. 2.
Blatt, M. E., Co., Atlantic City, N. J. Bath robes, bathing suits, coats and suits, etc. 169,117; Feb. 6.
Blatz, Val., Jr., Candy Co., Milwaukee, Wis. Bar candy, 162,528; Mar. 27.
Blatz, Val., Jr., Candy Co., Milwaukee, Wis. Candy. 179,291; Sept. 11.
Blaul's, John, Sons Company, Burlington, Iowa. Coffee, tea, food extracts, spices, canned fruits and vegetables, etc. 173,028; Apr. 17.
Blauston, Nathan L., doing business as Marie Antoinette Perle Co., New York, N. Y. Pearls. 170,614; Feb. 20.
Blazeout Company, The. (See Marstin, Clayton R.)
Blechman, S., & Sons Inc., New York, N. Y. Fabric and leather gloves. 160,278; Jan. 30.
Blechman, S. & Sons, Inc., New York, N. Y. Woolen yarn. 169,945; Jan. 2.
Blechman, S., & Sons Inc., New York, N. Y. Handkerchiefs, table covers, toweling, etc. 184,159; Oct. 2.
Blechman, S., & Son Inc., New York, N. Y. Combs, barrettes, hairpins, pins, etc. 184,160; Nov. 27.
Bledsoe, Yancy M., Bonham, Tex. Wrenches. 183,187; Sept. 11.
Blenheim Club Bottling Co. (See Butler, Chas. H.)
Bliss Brothers Company. (See Rioux, Joseph F.)
Bliss Company, Inc., New York, N. Y. Memorandum paper holder. 176,321; May 1.
Bloch, Leon, New York, N. Y. Handkerchiefs. 180,413; July 10.
Bloch, Louis, doing business as Louis Bloch & Co., Pittsburgh, Pa. Woven and knit underwear. 176,059; Nov. 6.
Block, Felix, doing business as Advance Knitting Mills, New York, N. Y. Knitted goods—viz, sweaters, scarfs, mufflers, and capes. 169,528; Mar. 20.
Block Gas Mantle Company, The, Youngstown, Ohio. Gas and gasoline mantles. 180,651; July 24.
Block, Isaac E., doing business as Peggy Page Candy Co., Chicago, Ill. Candies. 162,237; Dec. 4.
Block, Leopold, doing business as Buffalo Jewelry Manufacturing Company, Buffalo, N. Y. Finger rings and neck chains. 171,893; July 24.
Block. Sam'l M., New York, N. Y. Hair nets. 183,689; Oct. 16.
Block-Walsh Corporation, New York, N. Y. Table board game. 181,010; July 31.
Block-Zimmerman & Company, Los Angeles, Calif. Pickled cabbage. 173,226; May 29.
Blocki, John, & Son, Inc., Chicago, Ill. Perfumes. 175,062; Nov. 13.
Blood, John, & Company, Inc., Philadelphia, Pa. Hosiery. 183,817; Oct. 30.
Bloom Sublyme Shoe Co., Inc., New York and Brooklyn, N. Y. Boots, shoes, slippers, and sandals. 171,524; July 3.
Blossom Hat Co. (See Mermelstein, Joseph R.)

Blu-Blaze Corporation, Chicago, Ill. Alcohol stoves. 182,496; Oct. 30.
Blu-Blaze Corporation, Chicago, Ill. Denatured ethyl alcohol suitable for use in alcohol stoves. 182,497; Oct. 30.
Blu-Ribon Ice Cream Co. (See Cutrer, Bennie B.)
Blue Bird Food Company. (See Sanborn, Margaret R.)
Blue Bird Inc. Perfumers, New York, N. Y. Ointment for acne and other skin diseases. 170,804; June 19.
Blue Bird Inc. Perfumers, New York, N. Y. Cold and vanishing creams, depilatories, hair growers, etc. 171,779; June 26.
Blue Bird Inc. Perfumers, New York, N. Y. Hair preparations. 174,686; May 15.
Blue Bird Remedy Co., The, Minneapolis, Minn. Medicinal preparation used in the treatment of asthma, hay fever, and eczema. 178,022; July 17.
Blue Hill Candy Company. (See Catsigianis, Otto P.)
Blue Island Specialty Company, Blue Island, Ill. Dental and engine stones, lathe wheels. 172,725; Mar. 13.
Blue Lion Patch Co., The. (See St. John, Thomas A.)
Blue Ribbon Battery Company, Indianapolis, Ind. Battery solutions. 179,651; Sept. 18.
Blue Ribbon Battery Company, Indianapolis, Ind. Electric storage batteries and parts thereof. 179,652; Nov. 20.
Blue Ribbon Products Co. (See Childs, John D.)
Blue Ridge Manufacturing Company, Incorporated, Alexandria, Va. Work shirts, trousers, and overalls. 177,822; Dec. 11.
Blue Ridge Manufacturing Company, Incorporated, Alexandria, Va. Work shirts, trousers, and overalls. 177,824; Dec. 11.
Bluebell Malt Co. (See Katz, Sigmund.)
Bluford Specialty Co. (See Taylor, G. L.)
Blue-Ribbon Knitting Mills, Inc., Waltham, Mass. Knitted bathing suits. 175,063; July 10.
Blum & Bergeron, Houma, La. Dried shrimp. 181,167; Sept. 25.
Blum & Bergeron, Houma, La. Dried shrimp. 181,168; Oct. 2.
Blum, Isaac, New York, N. Y. Cigarettes. 178,213; July 3.
Blum & Mittenthal, New York, N. Y. Ladies' hand bags. 179,847; July 10.
Blum, Simon, Incorporated. New York, N. Y. Men's and boys' sheep-lined coats and vests. 180,415; Oct. 16.
Blumenfield, Samuel M., New York, N. Y. Boys' and men's caps. 173,953; Apr. 3.
Blumenthal, E. M., & Co. (See Blumenthal, Edwin M.)
Blumenthal, Edwin M., doing business as E. M. Blumenthal & Company, Chicago, Ill. Corn sirup used in the manufacture of nonalcoholic beverages. 170,677; Feb. 27.
Blumenthal, Edwin M., doing business as E. M. Blumenthal & Co., Chicago, Ill. Malt and corn sirup used in the manufacture of nonalcoholic malt beverages. 170,678; Jan. 9.
Blumenthal, Edwin M., doing business as E. M. Blumenthal & Co., Chicago, Ill. Bottle crowns. 186,100; Dec. 11.
Blumenthal, J., & Co. (See Blumenthal, Jacob.)
Blumenthal, Jacob, doing business as J. Blumenthal & Co., New York, N. Y. Ladies' silk hosiery. 169,276; Feb. 13.
Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics in the piece. 171,894–5; Jan. 30.
Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics in the piece. 173,164; Feb. 13.
Blumenthal, Sidney, & Co., Inc., New York, N. Y. Pile fabrics in the piece. 173,558–9; Feb. 20.
Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics in the piece. 173,909; Mar. 27.
Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics in the piece. 174,687; Mar. 27.
Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics in the piece. 175,763; Apr. 17.
Blumenthal, Sidney, & Co. Inc., New York, N. Y. Cotton and wool upholstery fabrics. 175,763; Aug. 7.
Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics in the piece. 175,764; May 15.
Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics in the piece. 175,765; Apr. 17.
Blumenthal, Sidney, & Co. Inc., New York, N. Y. Cotton and wool upholstery fabrics. 175,765; Aug. 7.
Blumenthal, Sidney, & Co., Inc., New York, N. Y. Pile fabrics in the piece. 175,766; May 15.
Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics in the piece. 175,767; Apr. 17.
Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics in the piece. 178,810–11; May 22.
Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics in the piece. 179,848; Aug. 28.
Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics in the piece. 182,201; Aug. 21.
Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics in the piece. 186,771; Dec. 18.
Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics in the piece. 187,084; Dec. 25.
Boals, Clarence P., doing business as The Americanese Society of New York, Buffalo, N. Y. Instruction books. 183,793; Nov. 20.
Boardman, Wm., & Sons Company, The, Hartford, Conn. Coffee. 159,196; Jan. 2.
Boaright, Lenore, San Francisco, Calif. Dolls. 177,649; May 29.
Bob & Baskind, New York, N. Y. Men's and boys' work shirts, dress shirts, underwear, etc. 168,572; May 1.
Bob & Baskind, New York, N. Y. Men's and boys' work and dress shirts, boys' waists and blouses, etc. 183,356; Oct. 30.
Bobet Brothers, Inc., New Orleans, La. Staves. 179,581; Dec. 4.
Bob-o-Link Products Co. (See Schwartz, Paul H.)
Bobs Drug Co., The. (See Gerke, Robert H.)
Bobwhite Chemical Corporation, New York, N. Y. Insecticides, bactericides, fungicides, etc., for plants. 168,953–4; Mar. 27.
Bochmann, F. A., & Co. Inc., Philadelphia, Pa. Worsted and woolen dress goods in the piece. 175,051–2; May 29.
Bochmann, F. A., & Co. Inc., Philadelphia, Pa. Worsted and woolen dress goods in the piece. 187,242–3; Dec. 25.
Bockstege Furniture Co., The, Evansville, Ind. Dining-room furniture. 173,347; May 8.
Body, Thomas, Co., Oakland, Calif.. Canned fruits. 168,020; Mar. 27.
Boethling, William C., doing business as Mariba Co., Passaic, N. J. Tea for obesity. 183,247; Dec. 18.
Boiler Scale Dissolvent Corp., Buffalo, N. Y. Compound for dissolving and removing scale and rust from boilers, etc. 172,318; Mar. 27.
Boise Butcher Company, Ltd., Boise, Idaho. Boiled hams, sugar-cured meats, lard, etc. 156,775; Jan. 30.
Bolcom Canal Lumber Co., Seattle, Wash. Laths and lumber. 176,012; May 29.
Bolduc, George J., doing business as G. J. Bolduc & Company, Portland, Oreg. Cough drops and lozenges. 177,032; July 10.
Bolgiano, J., Seed Co., The, Baltimore, Md. Field, vegetable, and flower seeds. 172,859; May 22.
Bolinger, W. A., doing business as Bolinger Orchards, Methow, Wash. Fresh apples. 171,896; May 8.
Boliver Packing Company, San Diego, Calif. Olives. 180,835; Aug. 21.
Boll-We-Go Manufacturing Company, Atlanta, Ga. Composition used for spraying and destroying boll weevils, etc. 170,053; Feb. 6.
Boll Weevil Destroyer Co., College Park, Ga. Insecticides. 184,322; Nov. 27.
Bollack, Robert, Paris, France. Veterinary remedies. 173,560; June 12.
Bon Ami Company, Inc., The, New York, N. Y. Scouring soap. 170,557; Aug. 7.
Bon-Quin Co. (See Brown, H. Clay.)
Bon-Tober Sporting Goods Co., The, Hartford, Conn. Baseballs and baseball gloves. 179,394; July 3.
Bonadio & Merchiorri Co., Pittsburgh, Pa. Alimentary paste. 166,973; Jan. 16.
Boncilla Laboratories, Incorporated. (See Crown Chemical Company.)
Bond, Charles, Company, Philadelphia, Pa. Round leather and flat leather belting. 165,661; May 22.
Bond, Charles, Company, Philadelphia, Pa. Leather loom sundries. 178,588; June 12.
Bond, Jessie A., doing business as J. & A. Bond, Hamilton, Ontario, Canada. Salve for the relief of eczema, salt rheum, acne, etc. 171,061; July 10.
Bond Marble Company, Knoxville, Tenn. Marble in unfinished blocks. 172,256; Mar. 13.
Bonded Products Corporation, New York, N. Y. Soap and soap products. 177,352–3; June 5.
Bonded Products Corporation, New York, N. Y. Soap and soap products. 177,354; Aug. 7.
Bonded Products Corporation, New York, N. Y. Soap and scouring compounds. 180,206; July 24.
Bonded Products Corporation, New York, N. Y. Cold cream. 184,585–6; Dec. 4.
Bonifacio, Gastone, New York, N. Y. Envelope-addressing stencils. 150,505; Dec. 4.
Bonita Co., The, Fond du Lac, Wis. Candy. 179,849; Sept. 11.
Bonita Co., The, Fond du Lac, Wis. Candy. 184,637; Dec. 18.
Bonita Company, The, Fond du Lac, Wis. Candy. 160,856; Jan. 9.
Bonk, John J., doing business as Lucile Pearl Company, New York, N. Y. Pearls. 171,200; Jan. 2.
Bonney-Floyd Co., The, Marion Road, Columbus, Ohio. Grinding balls. 164,221; Oct. 30.
Bonney Forge & Tool Works, Philadelphia, Pa.; New York, N. Y.; Allentown, Pa.; and Chicago, Ill. Wrenches. 172,633; Mar. 27.
Bonney Forge & Tool Works, Philadelphia and Allentown, Pa.; Chicago, Ill., and New York, N. Y. Tappet wrenches. 173,993; May 15.
Bonnie-B Company, Inc., The, New York, N. Y. Powder puffs. 171,249; Feb. 6.
Bonnie Bonnet Company. (See Wallerstein, D. S., and Company.)
Bonny Sun Hat Co. (See Green, George R.)
Bonomo, Albert, Brooklyn, N. Y. Candy. 151,306; Feb. 6.
Bonwit Teller & Co., New York, N. Y. Cigarettes and smoking tobacco. 176,598; Dec. 4.

Alphabetical list of trade-mark applicants—Continued.

Bonwit Teller & Co., New York, N. Y. Corsets. 185,172; Nov. 27.
Bonwit Teller & Co., New York, N. Y. Corsets. 185,741; Dec. 11.
Bonyata, Charles E., doing business as The Bonyata Chemical Company, Grinnell, Iowa. Hair-dressing preparation. 183,690; Nov. 13.
Boone, Daniel, Woolen Mills, Inc., and doing business as Gumbin Brothers, Chicago, Ill. Men's overcoats and suits. 167,162; Jan. 9.
Boonville Mills Company, Boonville, Mo. Wheat flour, corn meal, and Graham flour. 162,912; Mar. 20.
Booth-Coabran Co., San Diego, Calif. Preparation for removing calli and corns from the feet. 167,796; Aug. 7.
Booth, F. E., Co., San Francisco, Calif. Recovered salad oil used as a base in the manufacture of greases and lubricating oil. 167,551; Feb. 13.
Booth, F. E., Co., San Francisco, Calif. Oil used in making high-gloss varnish. 167,553; Apr. 17.
Booth, F. E., Co., San Francisco, Calif. Canned fruit. 184,811; Nov. 6.
Booth, F. E., Co., San Francisco, Calif. Canned fish. 185,103; Nov. 6.
Booth, F. E., Co., San Francisco, Calif. Fruit concentrate. 185,690; Nov. 13.
Booth Mills, Lowell, Mass. Woven cotton towels and toweling. 177,164; Aug. 7.
Boot's Pure Drug Co., Limited, Nottingham, England. Preparation for the treatment of syphilis and other spirochetal diseases. 183,552; Nov. 13.
Booty, Philip C. P., doing business as Innovation Specialties, assignor to Innovation Specialties Co. Inc., Chicago, Ill. Manicurists' buffing implements, and renewal strips therefor. 171,411; Sept. 11.
Borgenicht & Sons Co. Inc., New York, N. Y. Children's and misses' dresses. 158,843; Aug. 28.
Borgfeldt, George, & Co., New York, N. Y. Dolls. 175,338; May 15.
Borgfeldt, George & Co., New York, N. Y. Dolls. 175,339; May 22.
Borgfeldt, George, & Co., New York, N. Y. Hair nets. 177,120; June 19.
Borgfeldt, George, & Co., New York, N. Y. Toilet preparations. 185,104; Dec. 18.
Borgfeldt, George, & Co., New York, N. Y. Blankets and rugs. 186,461–2; Dec. 11.
Boright, Thos. A., doing business as Radio Record Publishing Company, Minneapolis, Minn. Magazine. 181,333; Nov. 13.
Bornn, Frank, doing business as Bornn Distilling Company, New York, N. Y. Preparation for bathing and massaging. 174,425; July 17.
Borroughs, Joseph N., Oakland, Calif. Towel cabinets. 178,023; Aug. 28.
Boss Manufacturing Company, The, Kewanee, Ill., and Brooklyn, N. Y. Gloves and mittens. 165,056; Dec. 11.
Boss Manufacturing Company, The, Kewanee, Ill. Gloves and mittens. 185,743; Dec. 11.
Boss Nut Company, Chicago, Ill. Lock nuts, bolts, rivets, screws. 177,355; Aug. 7.
Bossard, Jean, doing business as Institut de Beaute Chastiglione, Paris, France. Perfume, toilet water, face powder, rouge, etc. 170,618; Mar. 6.
Bossong, J. C., & Co. (See Bossong, Joseph C.)
Bossong, Joseph C., doing business as J. C. Bossong & Co., New York, N. Y. Hosiery. 167,765; Jan. 30.
Bossong, Joseph C., doing business as J. C. Bossong & Co., New York, N. Y. Hosiery. 181,170; Aug. 7.
Bost, Bernice C., Chicago, Ill. Section of a monthly periodical. 173,910; Apr. 17.
Bost, William D., Chicago, Ill. Beverages sold as soft drinks and sirups, etc., for making same. 176,444; May 15.
Boston Electrolytic Oxygen Company, Everett, Mass. Oxygen and hydrogen gases. 184,639; Dec. 18.
Boston Molasses Company, Boston, Mass. Molasses. 158,212; Feb. 27.
Botany Worsted Mills, Passaic, N. J. Worsted yarn fabric known as "reps." 179,987–8; July 17.
Botany Worsted Mills, Passaic, N. J. Worsted yarn fabric known as "reps." 179,989; July 24.
Botany Worsted Mills, Passaic, N. J. Wool pile fabric. 180,358; July 24.
Botany Worsted Mills, Passaic, N. J. Brocaded wool pile fabric. 180,359; July 24.
Botany Worsted Mills, Passaic, N. J. Fabric known as worsted rep. 181,334; Aug. 14.
Bothamley, George, New York, N. Y. Dyestuffs. 171,568; Aug. 28.
Bottomley, Margaret A., Fall River, Mass. Candy, ice cream, nut meats, etc. 159,995; Oct. 16.
Boucher, Wm., & Sons, Baltimore, Md. Cigars and tobaccos. 174,816; Sept. 11.
Bouck, Harold W., Chicago, Ill. Poultice plasters for pimples and boils. 160,390; May 1.
Boue Soeurs, New York, N. Y. Perfumes. 181,171; Oct. 9.
Bouillonized Peanut Company. (See Craven, Horace G.)
Boulin, Camille H., doing business as Canson & Montgolfier, New York, N. Y. Handmade paper. 173,276; Feb. 13.
Boulin, Camille H., doing business as Canson & Montgolfier, New York, N. Y. Handmade paper. 173,348; Feb. 13.
Bourbon-Ola Company, Inc., The, Paris, Ky. Sirup for making of beverages. 186,101; Nov. 20.
Bourjois, A., & Co., Inc., assignor to M. Tecla & Co., New York, N. Y. Face powder. 112,292; Oct. 9.
Bouton, Emile, Paris, France. Hat linings. 145,430; June 19.
Bouvet, Simonne, New York, N. Y. Doll. 173,319; Mar. 13.
Bouvier Laboratories, Inc., Haverhill, Mass. Greaseless hair dressing. 181,335; Aug. 21.
Bovee Novelty Company, Chicago, Ill. Vanity kits and cases. 178,325; June 19.
Bowden, J. B., & Company, New York, N. Y. Type of finger rings known as wedding rings. 144,273; Jan. 30.
Bowen, Frank G., doing business as Bowen Mfg. Co., Kansas City, Mo. Key cases. 157,651; May 8.
Bowen, Mildred G., Chicago, Ill. Deodorants. 157,822; May 29.
Bowers, Claude E., doing business as Bowers Manufacturing Company, Los Angeles, Calif. Self-propelled toy vehicles. 177,067; Apr. 24.
Bowker Chemical Company, New York, N. Y. Water softener. 178,706; Aug. 14.
Bowker Insecticide Company, New York, N. Y. Insecticides. 169,749; Jan. 9.
Bowles, Frank A., also doing business as Bowles Bros., Los Angeles, Calif. Cooking oil. 171,897; Sept. 18.
Bowman Bros. Seed Co., Concordia, Kans. Hen food, egg mash, chick food, and chick mash. 162,658; Mar. 20.
Bowman, Erick Remedy Company, Inc., Owatonna, Minn. Abortion remedy and an insecticide. 166,126; Sept. 18.
Bowman, George H., Company, The, Cleveland, Ohio. Aluminum percolators. 183,643; Oct. 16.
Bowman, John M., Lanark, Ill. Preparation for use in the treatment of hog cholera and a vermifuge preparation. 181,172; July 31.
Bownes, Frank, Company, Inc., Lynn, Mass. Paint enamels. 176,396; Apr. 17.
Bownes, Frank, Company, Inc., Lynn, Mass. Varnish. 181,054; July 10.
Bowser, S. F., and Company, Inc., Fort Wayne, Ind. Dry-cleaning systems. 177,068; May 29.
Bowyer, Ambrose, Chicago, Ill. Publications to be published at irregular intervals. 181,669; Sept. 25.
Boyakin, Raymond, Salt Lake City, Utah. Auto and furniture cleaner. 166,036; June 26.
Boyce & Veeder Company, Inc., Long Island City, N. Y. Chemical preparation to be added to gasoline and petroleum products for the prevention and removal of carbon deposits. 182,127; Oct. 30.
Boyd, A. C., doing business as Pine-O Chemical Company, Langdale, Ala. Furniture and automobile polish. 171,062; Aug. 14.
Boyd, Abraham L., Sacramento, Calif. Candies and other sugar products. 173,697; Oct. 16.
Boyd-Brenizer Corporation, Wilmington, Del., and Philadelphia, Pa. Hair curlers. 156,349; Nov. 13.
Boyd, Charles G., Bethlehem, Pa. Foot powders. 168,629; Jan. 30.
Boyd, John, Co. Inc., Williamstown, Mass., and New York, N. Y. Corduroys in the piece. 173,229; Mar. 6.
Boyd, John S., Co. Inc., Williamstown, Mass., and New York, N. Y. Corduroys in the piece. 173,227; Feb. 27.
Boyd, John S., Company Inc., Williamstown, Mass. Cotton pile cloth in the piece. 157,827; May 1.
Boyd, Lunham & Company, Chicago, Ill. Lard. 174,607; June 5.
Boyd, Martin, & Co., Memphis, Tenn. Wheat flour. 178,589; Sept. 18.
Boyd Packing Company. (See Patrick-Young Company.)
Boyd-Welsh Shoe Company, St. Louis, Mo. Leather and cloth shoes. 175,542; May 22.
Boye Needle Co., The, Chicago, Ill. Key chains. 179,773; July 3.
Boykin Machinery & Supply Co., Beaumont, Tex. Oil-well machinery and tools. 174,062; July 3.
Boyle, John D., New York, N. Y. Foot powders. 168,250; Jan. 2.
Boyriven, A., New York, N. Y. Automobile upholstery fabrics. 165,120; July 24.
Boyt, Walter Company, Inc., Des Moines, Iowa. Harness, harness parts, nets, and sweat pads for horses. 186,629; Dec. 25.
Bozeman, Mike E., doing business as Hampton Medicine Company, Winnfield, La. Preparation for impure blood. 173,871; June 5.
Braadland, John, Ltd. (See Abbott, Hall & Co.)
Brach, L. S., Manufacturing Co., Newark, N. J. Radio head sets, radiodetectors, radiocrystals, etc. 178,892; July 24.
Brackett, William E., Toledo, Ohio. Powder for bathing, washing, and cleaning purposes. 173,994; Apr. 24.
Bradas & Gheens. (See Gheens, C. E.)
Bradford Dyers' Association, Limited, Bradford, England. Wool and cotton admixture piece goods. 122,462; Feb. 27.
Bradford Dyers' Association, Limited, Bradford, England. Piece goods. 122,463; Feb. 27.

Bradford Dyers' Association, Limited, Bradford, England. Mohair and cotton admixture piece goods. 122,512; Feb. 27.

Bradford Dyers' Association, Limited, Bradford, England. Wool and cotton admixture piece goods. 122,515; Feb. 27.

Bradford Dyers' Association Limited, The, Bradford, England. Dyed cotton piece goods. 122,624; Mar. 20.

Bradford Dyers' Association, Limited, The, Bradford, England. Cotton, artificial-silk, silk, and woolen piece goods and admixtures of same. 122,625; Mar. 27.

Bradford Dyers' Association, Limited, The, Bradford, England. Ladies' costumes and skirts. 124,042; Feb. 20.

Bradford Dyers' Association, Limited, The, Bradford, England. Piece goods. 132,074; Mar. 6.

Bradford Dyers' Association, Limited, The, Bradford, England. Piece goods. 179,583; Aug. 14.

Bradford Shoe Company, The, Columbus, Ohio. Shoes of leather and combination of cloth and leather. 168,197; Jan. 2.

Bradley, Carrie E., Cincinnati, Ohio. Monthly publication. 185,407; Nov. 20.

Bradley, Milton, Company, Springfield, Mass. Crayons. 186,435; Dec. 11.

Bradley, Milton, Company, Springfield, Mass. Crayons. 186,437–8; Dec. 11.

Bradley, Milton, Company, Springfield, Mass. Crayons. 186,439; Dec. 25.

Bradley-Wise Paint Co., Los Angeles, Calif. Paints, varnishes, paint enamels, and dry pigment. 180,732; July 3.

Bradley-Wise Paint Company, Los Angeles, Calif. Paints, varnishes, paint enamels, dry colors. 172,464; May 15.

Bradley-Wise Paint Company, Los Angeles, Calif. Paints, varnishes, paint enamels, dry pigment, etc. 186,866; Dec. 25.

Bradner Condensed Milk Co., assignor to United Dairy Association of Washington, Seattle, Wash. Canned milk. 153,869; Nov. 20.

Bragdon, Lord & Nagle Co., The, New York, N. Y. Weekly publication. 181,726; Oct. 2.

Brager of Baltimore, Baltimore, Md. Hosiery. 168,198; Mar. 20.

Bragno & Mustari, doing business as Bramu Packing Co., Chicago, Ill. Corn oil for salads and cooking purposes. 174,817; Aug. 28.

Bragonier, Maude C., South Pasadena, Calif. Children's suits and dresses. 155,336; Jan. 2.

Brainard, Pearl H., doing business as Macomb Manufacturing Company, Macomb, Ill. Iceless and fireless receptacles for retaining heat and cold. 176,061; May 8.

Bramberger Reinthal Company, The, Cleveland, Ohio. Caps. 173,459; June 5.

Bramblett, J. Thad, Pocasset, Okla. Preparations for the treatment of eczema and other skin diseases, burns, scalds, etc. 178,326; Aug. 7.

Bramu Packing Co. (See Bragno & Mustari.)

Brandeau, Anna F., Chicago, Ill. Garters. 168,199–200; Jan. 9.

Brandenburg & Brandenburg, New York, N. Y. Manufactured furs. 160,993; Feb. 20.

Brandes, C., Inc., New York, N. Y. Loud-speaking telephones. 185,915; Dec. 4.

Brandes, Max, Brooklyn, N. Y. Corn salve. 177,768; Aug. 21.

Brandon Mills, Inc., New York, N. Y. Ornamental fabrics of vulcanized sheet gum rubber. 182,200; Oct. 30.

Branford Electric Company, Inc., New York, N. Y. Electric appliances. 172,634; Aug. 21.

Braun, J. H., & Co., Chicago, Ill. Coffee and tea. 177,267; Aug. 21.

Brauns, Wilhelm, Gesellschaft mit beschränkter Haftung, Quedlinburg, Germany. Colors for dyeing. 174,160–1; Aug. 14.

Braw Laddie Golf Company, Oakland, Calif. Golf clubs. 176,062; Apr. 24.

Brawner, Henry N., jr., doing business as Chestnut Farms Dairy, Washington, D. C. Butter. 161,347; June 5.

Brawner, Henry N., jr., doing business as Chestnut Farms Dairy, Washington, D. C. Butter. 161,348; Nov. 20.

Brawner, Henry N., jr., doing business as Chestnut Farms Dairy, Washington, D. C. Raw and pasteurized milk, butter, eggs, and cheese. 161,349; May 15.

Brawner, Henry N., jr., doing business as Chestnut Farms Dairy, Washington, D. C. Butter, eggs, and cheese. 170,707; May 15.

Brawner, Henry N., jr., doing business as Chestnut Farms Dairy, Washington, D. C. Raw and pasteurized milk, butter, eggs, and cheese. 170,739; May 1.

Breakstone Bros., Inc., New York, N. Y. Cream cheese. 180,958; Oct. 30.

Brecht Candy Company, The, Denver, Colo. Candy. 172,199; Apr. 10.

Bregstein, Nathan, Brooklyn, N. Y. Ladies' underwear made of textile fabrics. 171,250; June 12.

Breinig Brothers, Inc., Hoboken, N. J. Varnish. 179,654; July 10.

Breit, Antol M., doing business as Crescent Rubber Specialty Company, Chicago, Ill. Bloomers for babies and children. 175,296; June 5.

Breitenbach, M. J., Company, New York, N. Y. Remedy for chlorosis, malnutrition, anæmia, etc. 164,580; Feb. 13.

Brenchley, Emma M., New Malden, England. Cigarette paper. 176,445; Apr. 10.

Breon, George A., doing business as Whinton Laboratories, Kansas City, Mo. Medical compound for treating corns. 180,167; Sept. 11.

Bresler, Abraham N., doing business as Lubraseptol Co., New York, N. Y. Lubricants for dental engines and general lubricant purposes. 180,959; Sept. 4.

Brewer & Company, Inc., Worcester, Mass. Lime. 175,129; May 8.

Briden, L. L., & Co., Boston, Mass. Dyes. 168,871; Jan. 30.

Bridge-Sullivan Manufacturing Company, Seattle, Wash. Stains, varnishes, fillers, and paints. 183,249; Nov. 27.

Bridgeman-Russell Co., Duluth, Minn. Ice cream. 177,268; Aug. 28.

Briggs, J., & Sons Co., Providence, R. I. Special-process metal and bars, sheets, strips, etc. 171,827; May 1.

Briggs, John J., Indianapolis, Ind. Building stone, limestone, lime, cement, etc. 176,665; Oct. 23.

Brigham Company, The, Springfield, Mass. Hosiery. 181,056; Aug. 7.

Bright, William M., doing business as La-rite Laboratories, Bloomington, Ill. Preparation for the hair. 182,960; Nov. 13.

Brighton Canning Company, Brighton, Iowa. Catchup and canned vegetables. 180,836; Oct. 16.

Brillio Chemical Company. (See La Loue, Wilfred.)

Brillo Manufacturing Company, Brooklyn, N. Y. Steel wool for cleaning and polishing purposes. 173,070; Mar. 6.

Brinckerhoff, M. E., San Diego, Calif. Toilet lotions. 163,612–12½; Feb. 13.

Brine, James W., Company, The, Boston, Mass. Footballs, football bladders, inflators, pads, etc. 169,886; Feb. 20.

Brine, James W., Company, Boston, Mass. Flags, banners, pennants, etc. 172,281; July 24.

Brine, James W., Company, Boston, Mass. Hip and kidney pads, elastic bandages, etc. 172,578; July 17.

Brine, James W., Company, Boston, Mass. Football pants and jackets, knit worsted union suits, football shoes, etc. 172,579; June 19.

Brine, James W., Company, Boston, Mass. Surveying linemen's measuring outfits. 172,580; July 24.

Brine, James W., Company, Boston, Mass. Woolen football blankets. 172,728; Apr. 17.

Brine, James W., Company, Boston, Mass. Shoe bags and skate bags. 172,729; Sept. 4.

Brine, James W., Company, Boston, Mass. Score books. 172,730; July 24.

Brine, James W., Company, Boston, Mass. Pillows. 172,731; Feb. 13.

Brine, James W., Company, Boston, doing business as Kingston Knitting Company, Cambridge, Mass. Sweaters, rib sport coats, bathing suits, etc. 178,708; Aug. 14.

Brinton, Willard C., New York, N. Y. Prints, postcards, pictures, and photographs. 152,693; Feb. 20.

Briones & Company, Inc., New York, N. Y. Olive oil. 167,039; May 15.

Bristol & Barber Co., Inc., New York, N. Y. Phonographs. 163,213; Nov. 13.

Bristol Company, The, Waterbury, Conn. Electrical loud-speaking receivers, horns, control boxes, etc. 168,098; Jan. 9.

Bristol-Myers Company, New York, N. Y. Cathartic and laxative preparation. 169,153; Jan. 9.

Bristol-Myers Company, New York, N. Y. Medicinal preparation. 169,154; Jan. 9.

Bristol-Myers Company, New York, N. Y. Cold cream. 169,156; Jan. 9.

Bristol-Myers Company, New York, N. Y. Remedy for the relief of coughs, colds, etc. 169,526; Jan. 9.

Bristol-Myers Company, New York, N. Y., Cathartic and laxative preparation. 171,441; Feb. 20.

Britex Chemical Products Limited, London, England. Disinfectants. 176,397; June 19.

British America Nickel Corp'n Ltd., Ottawa, Ontario, Canada. Nickel sulphate. 143,977; July 3.

British America Nickel Corp'n Ltd., Ottawa, Ontario, Canada. Nickel ammonium sulphate. 143,978; July 3.

British American Metals Company, Inc., New York, N. Y. Seamless brass tubes, seamless copper tubes, and condenser tubes. 160,392; Feb. 13.

British Cellulose and Chemical Manufacturing Company Limited, London, England. Threads made of cellulose derivatives. 165,002; Sept. 18.

British Cellulose and Chemical Manufacturing Company, Limited, London, England. Fabrics made from cellulose derivatives. 186,313; Nov. 20.

British Glues & Chemicals, Limited, London, England. Glue and gelatin glue. 173,588; Sept. 18.

British International Corporation, New York, N. Y. Hosiery. 185,408; Nov. 6.

Britton, Albert, Myrtle Point, Oreg. Cream cheese. 168,097; Apr. 3.

Broadway Knitting Mills, New York, N. Y. Knitted caps. 165,984; Jan. 9.

Brock-Carlson Laboratories, Inc., Minneapolis, Minn. Coconut-oil shampoo. 168,752; Feb. 20.

Alphabetical list of trade-mark applicants—Continued.

Brockett, Arthur A., Little Falls, N. Y. Hoof-rot remedy. 152,831; Jan. 2.
Brodie, Ralph N., doing business as Ralph N. Brodie Co., Oakland, Calif. Metallic and nonmetallic gears. 179,764; Aug. 28.
Brody, N., & Co., New York, N. Y. Ladies' suits, coats, and dresses. 169,527; Mar. 20.
Broeker, Chas., & Co., Owensboro, Ky. Wheat flour, hominy feed, and grits. 179,179; Sept. 11.
Brogan, Byard F., Philadelphia, Pa. Finger rings. 176,714–15; May 8.
Brogan, Byard F., Philadelphia, Pa. Finger rings, pendants, scarfpins, etc. 176,716; June 5.
Brogdex Company, Winter Haven, Fla. Coating material having paraffin as its base. 175,708; Sept. 11.
Bronson, Emma, Waldo, Kans. Spark catcher for locomotives. 157,206; Mar. 13.
Bronxonian Publishing Co. Inc., New York, N. Y. Newspaper periodical published weekly. 171,611; Feb. 27.
Brooklyn Heights Canning Company, Los Angeles, Calif. Tomato sauce and paste, fruit preserves, canned fruits, and vegetables. 164,855; Jan. 30.
Brooklyn Hosiery Mills, Inc., Brooklyn, N. Y. Stockings. 169,573; May 22.
Brooklyn Shield & Rubber Company, Brooklyn, N. Y. Baby pants. 172,027; May 22.
Brooks, Alexander, doing business as A. Brooks Company, San Francisco, Calif. Sandwiches. 170,469; Nov. 13.
Brooks Chemical Co., New Cumberland, W. Va. Salve for treating sore throat, croup, asthma, etc. 176,599; June 19.
Brooks, Geo., & Son Company, Philadelphia, Pa. Piece goods of cotton and silk for draperies. 180,045; Aug. 21.
Brooks, George W., Topeka, Kans. Blackboards. 149,884; July 24.
Brooks, Lester I., doing business as Betty Brooks Apron Co., Los Angeles, Calif. Women's and children's aprons, dresses, house dresses, porch frocks, and coats. 182,561; Dec. 11.
Brooks, Max L., Brooklyn, N. Y. Games and game apparatus. 170,967; Apr. 3.
Brooks, Robert W., doing business as Brooks Paper Company, St. Louis, Mo. Stereotyping and copying tissue. 176,534; June 5.
Brooks, Smith & Coane, Limited, Philadelphia, Pa. Bituminous coal. 185,329; Nov. 13.
Brooks-Wilbor-Parsons Company, Cleveland, Ohio. Books of blank forms. 123,328; Aug. 14.
Brooks, William H., San Francisco, Calif. Meat pies, meat dumplings, and foods having a meat filler. 167,597; June 5.
Brooks, William H., San Francisco, Calif. Meat pies, dumplings, etc. 170,806; June 26.
Brooks, William H., San Francisco, Calif. Health foods. 178,159; Nov. 20.
Brooks, William H., San Francisco, Calif. Health foods. 182,231; Nov. 13.
Broome, Ernest L., New York, N. Y. Hydraulic gates. 172,028; Apr. 10.
Brown, A. E., Shoe Co., Inc., Orwigsburg, Pa. Shoes 149,261; Jan. 9.
Brown & Bigelow, St. Paul, Minn. Caps for men, women, or children, and aprons made of cloth. 160,743; June 5.
Brown & Bigelow, St. Paul, Minn. Signs made of metal and celluloid. 160,745; July 17.
Brown, C. C., Candy Co., Los Angeles, Calif. Chocolate candy. 169,279; July 3.
Brown, C. D., & Co., Inc., Rochester, N. Y. Finished upper leather calfskins. 178,160–1; July 17.
Brown, Charles J., doing business as The B. K. Laboratory, Kansas City, Kans. Preparation for cleaning the teeth and mouth. 180,323; Dec. 25.
Brown, Claude A., doing business as Brownie Fruit Company, Los Angeles, Calif. Fresh vegetables, fresh grapes, and fresh cantaloupes. 178,216; Aug. 21.
Brown Company, Portland, Me. Paper products. 129,373; Mar. 6.
Brown Company, Portland, Me. Wrapping paper. 168,021–2; Jan. 16.
Brown Company, Portland, Me., and Berlin, N. H. Fiber conduits for electrical purposes. 175,709; Apr. 24.
Brown, Earle D., doing business as The Everam Co., South Bend, Ind. Baked confections. 162,473; Jan. 30.
Brown, George G., New York, N. Y. Carburetors. 179,774; July 17.
Brown, Geo. K., Co., Inc., Chattanooga, Tenn. Ice cream. 164,576; July 17.
Brown, George K., Company, Inc., Chattanooga, Tenn. Candy. 184,812; Nov. 6.
Brown, H. Clay, doing business as The Bon-Quin Co., Shreveport, La. Medicinal tonics for keeping the system in a healthy condition, etc. 173,589; Apr. 17.
Brown, H. J., Medicine Company, The, Cleveland, Ohio. Remedies for tobacco habit, compositions for alleviating the injurious effects of nicotine, etc. 160,332; June 12.
Brown, Harvey M., Philadelphia, Pa. Window shades. 172,506; May 1.
Brown, Henry O., doing business as H. O. Brown Company, Philadelphia, Pa. Pile remedy. 182,397; Dec. 18.
Brown, J. C., Newark, Ohio. Salad dressings. 176,446; June 26.
Brown, Jervis D., Los Angeles, Calif. Ointment for treatment of nervous itching and as a general healing ointment. 174,765; July 17.
Brown, Lillie, Brooklyn, N. Y. Foot salve. 178,548; Nov. 6.
Brown, Lockwood & Davenport Company, Boston, Mass. Monthly publication. 186,214; Dec. 11.
Brown, May Belle L., Merrimac, Mass. Sandwich filling. 161,765; Feb. 13.
Brown, Michael J., Philadelphia, Pa. Fruit presses. 166,498; July 10.
Brown Orcola Company, The, Chicago, Ill. Shortening. 167,598; Apr. 17.
Brown, R. H., & Co. (See Western Wholesale Drug Co.)
Brown, R. J., Petroleum Company, St. Louis, Mo Thinning oil. 166,646; Jan. 9.
Brown, S. W., Co., Inc., Glendale, Calif. Chocolate malted milk. 185,556; Dec. 11.
Brown & Sehler Company, Grand Rapids, Mich. Storage batteries. 178,816; June 26.
Brown Shoe Company, Inc., St. Louis, Mo. Shoes. 170,178; Feb. 27.
Brown Shoe Company, Inc., St. Louis, Mo. Leather, canvas, and cloth shoes. 179,180; Sept. 11.
Brown, Thos. E., & Sons. (See Brown, Thomas H.)
Brown, Thomas H., doing business as Thos. E. Brown & Sons, Philadelphia, Pa. Hosiery. 175,978; Nov. 27.
Brown, Wm. H., & Bro. Company, Baltimore, Md. Perfume, toilet water, sachet powder, and talcum and face powders. 174,818; May 22.
Browne, John H., Aldwich, London, England. Face creams and powders, hair tonic, bath crystals, hair and flesh tonic waters, etc. 163,236; Jan. 30.
Browne, Mayotta, San Francisco, Calif. Dolls. 171,610; Jan. 30.
Brownell, Leigh E., assignor, by mesne assignments, to Brownell Wildfire Battery Co., Inc., doing business as Wildfire Auto Service Co., St. Paul, Minn. Electrolyte for storage batteries. 164,302; Nov. 20.
Brownell Wildfire Battery Co. (See Brownell, Leigh E., assignor.)
Brownes, Frank, Company, Inc., Lynn, Mass. Paint enamels. 170,619; Jan. 9.
Brownewell, Donald F., Canton, Ohio. Cleaning compound for cleaning carpets, fabrics, etc., and hand soap. 169,278; Jan. 2.
Brownhill & Kramer, Philadelphia, Pa. Hosiery. 180,837; Aug. 7.
Brownie Fruit Company. (See Brown, Claude A.)
Browning and Atkin, San Diego, Calif. Racing programs. 178,549; Nov. 13.
Brownlee, Joseph P., doing business as Southern Sweet Potato Exchange, Chicago, Ill. Selected sweet potatoes in their natural state. 456,351; Jan. 2.
Brownstein-Louis Co., Los Angeles, Calif. Textile fabrics of cotton, wool, silk, and mixtures in the piece. 176,160; May 15.
Brueck, Joseph, doing business as Glossine Chemical Co., New York, N. Y. Composition of matter for facilitating the extraction of hairs from the faces and hands of humans. 175,130; June 5.
Brum Mfg. Co., Philadelphia, Pa. Laundry wax. 168,201; Apr. 3.
Brummer, Max B. & Son, Inc., New York, N. Y. Knickerbockers and sport riding and golf trousers. 169,947; Feb. 20.
Brun, Jean A. F., Paris, France. Taximeters. 186,176; Dec. 18.
Brune, Herman, New York, N. Y. Candies. 178,163; Nov. 27.
Brune, Pottberg & Co., New York, N. Y. Cotton piece goods. 176,535; May 8.
Brune, Pottberg & Co., New York, N. Y. Cotton piece goods. 182,202; Sept. 4.
Brune, Pottberg & Co., New York, N. Y. Cotton piece goods. 182,291–2; Sept. 4.
Brune, Pottberg & Co., New York, N. Y. Cotton piece goods. 183,188; Sept. 25.
Brune, Pottberg & Co., New York, N. Y. Cotton piece goods. 183,191–2; Sept. 25.
Brunelle Drug Co., Woonsocket, R. I. Medicinal preparation for indigestion, dyspepsia, etc. 181,057; Aug. 21.
Brunner, Lamar F., doing business as Utility Fittings Company, Philadelphia, Pa. Electric conduit fittings. 156,344; Apr. 3.
Bruno, C., & Son, Inc., New York, N. Y. Musical instruments. 177,543; June 12.
Bruno Radio Corporation, New York, N. Y. Radio sending and receiving sets. 171,442; July 31.
Bruns, A., & Sons, Brooklyn, N. Y. Furniture-moving pads, tents, tarpaulin, awnings, etc. 175,544; July 3.
Brunswick-Balke-Collender Company, The, Wilmington, Del., and Chicago, Ill. Game-table cushions. 172,078–9; Jan. 30.
Brunswick-Balke-Collender Company, The, Wilmington, Del., and Chicago, Ill. Rubber and fabric tires. 177,951; July 17.
Brunswick-Balke-Collender Company, The, Wilmington, Del., and Chicago, Ill. Rubber and fabric tires. 177,952; July 24.
Brux Candy Co. (See Baruxes, Christ.)

Bryan, T. D., Linden, Calif. Fresh cherries. 163,734; Feb. 20.
Bryant, Ernest R., Boston, Mass. Friction tape and splicing compound. 184,380; Oct. 16.
Bryant, Frank H., doing business as Poe Chemical Company, Troy, N. Y. Preparation for internal and external use for the alleviation of pain, etc. 170,423; Apr. 3.
Buchanan, J. W., doing business as Nu-Pep Laboratories, Union, S. C. Vegetable general tonic for human use. 181,173; Aug. 21.
Bucher & Gibbs Plow Company, The, Canton, Ohio. Plow, plowshares, moldboards, plowpoints, landsides, etc. 170,472–3; Jan. 9.
Buckeye Blower Company. (See Columbus Heating & Ventilating Company.)
Buckeye Ribbon & Carbon Co., The, Cleveland, Ohio. Carbon paper and typewriter ribbons. 172,080; Apr. 24.
Buckeye Traction Ditcher Co., The, Findlay, Ohio. Traction wheels. 175,843; May 1.
Buckingham & Hecht, San Francisco, Calif. Shoes of leather. 164,020; Jan. 9.
Buckwalter Stove Company, Royersford, Pa. Gas, coal, wood, or coke cooking or heating stoves, ranges, etc. 152,232; Jan. 2.
Bucyrus Company, South Milwaukee, Wis. Power shovels, drag-line excavators, etc. 171,443; Mar. 6.
Buczkowski, John J., doing business as Hoosier Cleanser Mfg. Co., South Bend, Ind. Water-softening compound. 171,571; Feb. 27.
Buddie Saw Rig Works. (See Johnson, Oliver W.)
Buddy-Bouncer Company, Dallas, Tex. Seesaw toy. 179,395; June 19.
Buddy Brooks, Inc., Marshall, Mich. Talcum powders. 162,375; Aug. 14.
Buddy-Products Co., Chicago, Ill. Furniture polish. 178,217; June 19.
Budeke, George M., Baltimore, Md. Oil paint, ready-mixed and paste; linseed oils, floor wax, floor and furniture polish, etc. 155,044; Feb. 13.
Buel, David, Columbus, Ohio. Moth and dust proof cloth bags. 174,231; Apr. 10.
Buell, George C., & Co., Inc., Rochester, N. Y. Coffee. 178,817; Sept. 11.
Buell, George C., & Co., Inc., Rochester, N. Y. Coffee. 178,819; July 17.
Buenaventura Balcells Vallbona, doing business as Balcells, Barcelona, Spain. Olive oil. 135,438; May 22.
Buerger, Theo. S., & Son, Buffalo, N. Y. Hosiery and knitted underwear. 180,960; Oct. 30.
Buettner, T., & Co., Chicago, Ill. Art needlework. 170,270; Apr. 24.
Buettner, T., & Co., Chicago, Ill. Pure linen in the piece, linen table covers and napkins. 177,895; May 15.
Buffalo Chandelier Corporation, Buffalo, N. Y. Electric-lighting fixtures and hangers, etc. 183,357; Nov. 20.
Buffalo Jewelry Manufacturing Company. (See Block, Leopold.)
Buffalo Novelty Company. (See Diodato, Frank A., assignor.)
Buffalo Office and Law Supply Company, Inc., Buffalo, N. Y. Paper stationery, and miscellaneous office supplies. 167,346; Jan. 2.
Buffalo Paper & Post Card Co. (See Hooz, Joseph.)
Buffalo Specialty Co., Buffalo, N. Y. Drain solvents. 166,630; Jan. 9.
Buffalo Specialty Company, Buffalo, N. Y. Chemical compositions for removing carbon from internal-combustion engines and the like. 161,522; July 3.
Bull Dog Floor Clip Company, Winterset, Iowa. Floor clips for fastening wooden floors or the like to a concrete construction. 160,480; Apr. 24.
Bull Dog Plaster Grip Company, Oakland, Calif. Fasteners for securing and spacing metal laths. 180,324; Dec. 4.
Bullard Manufacturing Company, Madison, Wis. Piston rings. 159,685; Jan. 23.
Bullet Proof & Non-Shatterable Glass Corporation, New York, N. Y. Glass. 176,717–8; June 5.
Bulubassis, George J., New York, N. Y. Sugar-coated peanuts. 173,590; Sept. 11.
Bumble Bee Specialty Co. (See Garcia, Joaquin.)
Bundt, Charles R., doing business as The Asthma-non Co., Detroit, Mich. Preparation for the treatment of asthma. 168,997; Jan. 30.
Bunge, Herman, Elgin, Ill. Gasoline and lubricating oils. 176,064; Apr. 17.
Bunkie Ice Company, Ltd., The, Bunkie, La. Ice cream. 185,105; Nov. 27.
Bunnie Hat Co. Inc., Reading, Pa. Hats for men and boys. 159,552; May 8.
Bunte Brothers, Chicago, Ill. Chocolates. 160,385; Sept. 25.
Bunte Brothers, Chicago, Ill. Candy. 168,294; May 8.
Bunte Brothers, Chicago, Ill. Candy. 168,446; May 8.
Burcher, George E., doing business as Burcher's Pharmacy, Newport News, Va. General medicinal tonic. 174,124; May 22.
Burden, Everett, doing business as Burden Manufacturing Company, East Liverpool, Ohio. Fruit sirups for beverages sold as soft drinks. 172,507; June 19.
Burdette-Murray Company, The, Cleveland, Ohio. Pantographs. 168,669; Jan. 2.
Bureau of Formulas. (See Wiegand, William D., assignor.)
Buren, Asa J., Cullom, Ill. Moisteners used in sealing up stationery. 156,048; May 29.
Burgess, Roy J., doing business as E-Z Fluff Mfg. Co., New York, N. Y. Meringue and icing powder. 162,536; Nov. 27.
Burgess, Zeph E., San Francisco, Calif. Massage and tissue creams, talcum powders, astringent, etc. 185,954; Dec. 18.
Burgower, L. H., doing business as The Vogue, Dallas, Tex. Women's outer coats, suits, dresses, and hats. 127,709; Aug. 7.
Burhop, Fred D., doing business as Melt-O Packing Company, Yonkers, N. Y. Aging and softening chemical powder for liquors. 171,196; Apr. 3.
Burhorn, Edwin, Company, New York, N. Y. Noncorroding and nonrusting alloys, rolled plates and sheets of such alloys, etc. 149,210; Jan. 2.
Burke, Claude A., doing business as Kronkowa Medicine Company, Lufkin, Tex. Liniments. 158,074; Mar. 6.
Burke, Frank G., doing business as Manhattan Soap Company, New York, N. Y. Soaps. 171,684–5; Mar. 6.
Burke, Frank G., doing business as Manhattan Soap Company, New York, N. Y. Soap for toilet, bath, laundry, etc. 172,508; Mar. 27.
Burlington Overall Manufacturing Company, Kansas City, Mo. Overalls, work jackets, trousers, and shirts. 162,373; Feb. 13.
Burnes, Frank, doing business as Burnes Remedy Company, St. Louis, Mo. Liquid preparation for the treatment of rheumatism. 174,426; May 2.
Burnett, Blanche M., Highland Park, Mich. Toy animal figures. 178,709; Oct. 2.
Burnett, Joseph, Co., Boston, Mass. Flavoring extracts for foods. 164,746; Nov. 20.
Burnham, Alvie, doing business as Burnham Packing Company, Clay City, Ind. Canned pimientos. 175,064; June 19.
Burnham, E., Inc., Chicago, Ill. Preparation for straightening hair. 166,496; Jan. 2.
Burnham & Morrill Company, Portland, Me. Fish cakes, codfish cakes, clams, alimentary paste products, etc. 173,399; June 5.
Burnham & Morrill Company, Portland, Me. Canned corn and canned succotash. 177,357; May 29.
Burnham & Morrill Company, Portland, Me. Canned beans and pork, vegetables, and clams. 185,557; Dec. 18.
Burnham-Munger-Root Dry Goods Company, Kansas City, Mo. Cotton piece goods. 183,358; Oct. 23.
Burns, E. Reed, Manufacturing Corp., Brooklyn, N. Y. Polishing compositions in the form of powder, paste, and liquid for metal. 171,009; Apr. 24.
Burns, Frederick M., Mount Vernon, N. Y. Ladies' coats, suits, dresses, outer skirts, blouses, and hats. 175,381; Apr. 24.
Burns, Frederick M., Mount Vernon, N. Y. Umbrellas and parasols. 177,956; June 19.
Burns, Jabez, & Sons, New York, N. Y. Roasters and parts and supplies for same. 180,325; July 17.
Burns, William J., Brooklyn, N. Y. Hair tonic. 180,416; Aug. 14.
Burnstine, Abraham, Washington, D. C. Watches, clocks, chronometers, and parts for same. 172,632; June 5.
Burpee, W. Atlee, Co., Philadelphia, Pa. Vegetable seeds. 175,065; Apr. 24.
Burpee, W. Atlee, Co., Philadelphia, Pa. Flower seeds. 175,066; Apr. 24.
Burpee, W. Atlee, Co., Philadelphia, Pa. Vegetable, flower, and lawn-grass seeds and bulbs. 175,067; Apr. 24.
Burrell, D. V., doing business as The Rocky Ford Melon Growers Spray Manufacturing Co., Rocky Ford, Colo. Insecticide. 175,297; July 3.
Burris, John C., Nashville, Tenn. Paint enamels. 165,911; May 29.
Burroughs, Harry E., Boston, Mass. Swing couch hammocks. 143,533; Aug. 7.
Burroughs, Herbert D., Atlanta, Ga. Gasoline. 170,751; July 24.
Burrow, Alan G., Norfolk, Va. Gasoline and volatile compositions derived from petroleum. 172,510; Feb. 27.
Bursley, G. E., & Company, Fort Wayne, Ind. Rolled oats, coffee, spaghetti, etc. 175,183; July 31.
Burson Knitting Company, Rockford, Ill. Hosiery. 165,521; May 1.
Burstein-Friedland & Co., Newark, N. J. Boys' blouses and shirts. 166,976; Sept. 11.
Burt, F. N., Company Limited, Buffalo, N. Y. Paper boxes. 159,494–5; Mar. 20.
Burton Coffee Company, Knoxville, Tenn. Package and canned coffee. 181,554; Sept. 25.
Burton Coffee Company, Knoxville, Tenn. Package and canned coffee. 181,556; Sept. 25.
Burton, J. H., & Sons Co. Inc., New York, N. Y. Lumber. 173,400; Apr. 3.
Bush, W. J., & Co., Inc., New York, N. Y. Toilet water. 173,170–1; Apr. 24.
Bush, Lester C., Columbus, Ohio. Fabric and leather work gloves, pants, etc. 184,232; Nov. 6.
Bush, William H., Wellesley Hills, Mass. Children's velocipedes. 185,693; Dec. 25.

Alphabetical list of trade-mark applicants—Continued.

Busse Baking Company, South Bend, Ind. Bread and cake. 181,557; Nov. 20.
Bussmann Manufacturing Company, St. Louis, Mo. Portable electric lamps. 180,746; Aug. 21.
Buster Brown Soap Company, Indianapolis, Ind. Soap. 169,574; Jan. 2.
Busy Bee Candy Company, St. Louis, Mo. Candy and cakes. 171,829; July 31.
Busy Bee Candy Company, St. Louis, Mo. Chocolates. 182,233; Nov. 6.
Butchart, Cuthbert S., Company, Inc., Rye, N. Y. Golf clubs. 168,453; Oct. 23.
Butchart, Cuthbert S., Company, Inc., Rye, N. Y. Golf balls. 168,454; Nov. 6.
Bu-Ti-Maid Petticoat & Pettipants Co., New York, N. Y. Ladies' undergarments. 169,051; Jan. 2.
Butler-Blanchard Co., Grand Island, Nebr. Frozen confections. 168,706; Apr. 17.
Butler, Chas. H., doing business as Blenheim Club Bottling Co., Blenheim, S. C. Beverages sold as soft drinks and sirups for making the same. 185,173; Nov. 6.
Butler, J. W., Paper Company, Chicago, Ill. Writing and printing paper. 172,972; Mar. 6.
Butler, J. W., Paper Company, Chicago, Ill. Paper. 177,213; June 5.
Butler, J. W., Paper Co., The, Chicago, Ill. Papers, bristol board, cardboard. 179,926. July 17.
Butler, J. W., Paper Co., The, Chicago, Ill. Print, book, bond, and writing paper, etc. 180,838; July 10.
Butler, J. W., Paper Co., The, Chicago, Ill. Wrapping paper, manila paper, envelopes, print book and document covers. 180,839; Aug. 28.
Butler, J. W., Paper Co., The, Chicago, Ill. Envelopes and paper for making same. 182,128; Oct. 16.
Butler, James, Inc., New York, N. Y. Bread. 162,240; Mar. 27.
Butler, James, Grocery Company, New York, N. Y. Birds' food. 163,430; Apr. 3.
Butler Laboratories, Inc., New York, N. Y. Iron solution for intravenous and intramuscular use. 166,521; Jan. 2.
Butterfield, Charles F., doing business as Dinamite Cleaner Corporation, Salina, Kans. Cleaning compound for hand, kitchen, laundry, etc., purposes. 175,596; July 3.
Butterfield Fred, & Co. Inc., New York, N. Y. Ginghams in the piece. 165,343; July 10.
Butterick Publishing Company, The, New York, N. Y. Pamphlet published from time to time. 176,447; May 22.
Buttersweet Products Corporation, Yonkers, N. Y. Candy. 180,580; Sept. 11.
Button, George W., Corporation, New York, N. Y. Perfumes, toilet waters, face powders, etc. 184,434; Nov. 27.
Butts, J. F., Co., San Francisco, Calif. Canned fruits and vegetables. 178,551. July 17.
Butts & Miller Co. Inc., New York, N. Y. Egg and poultry cases. 183,136; Oct. 16.
Buxton, David H., doing business as Buxton Rheumatic Medicine Co., Abbott Village, Me. Compound for treating rheumatism. 180,961; Aug. 21.
Buxton Garment Mfg. Co., Nashua, N. H., Children's play suits. 170,002. Jan. 30.
Byer, The House of, Malden, Mass. Waists and hosiery. 168,612; Jan. 9.
Byers, John F., Machine Company, The, Ravenna, Ohio. Cranes. 151,823; Aug. 14.
Byers Machine Company, The, Ravenna, Ohio. Cranes mounted on motor trucks. 175,068; Aug. 14.
Byford, Horace, Seattle, Wash. Waterproofing liquid. 177,425; Oct. 9.
Byrne, Kingston & Co., Kokomo, Ind. Vacuum feed systems for motor vehicles. 171,724; May 15.
Byrnes, Eugene, Carmel, Calif. Skates, baseballs, bats, etc. 182,130; Oct. 2.
Byrnes–Linn Products Co., Chicago, Ill. Polish for automobiles and painted, varnished, and lacquered surfaces. 172,860; Mar. 20.
Byron, Fred, San Francisco, Calif. Ready-mixed paints, varnishes, paint oils, and putty. 183,905; Dec. 4.
Byron Weston Company, Dalton, Mass. Writing paper. 172,142; Mar. 27.
C. & A. Drug Co., Elmer, N. J. Medicine used for sprains, bruises, bites, etc. 167,066; Oct. 23.
C. B. C. Film Sales Corporation, New York, N. Y. Motion pictures. 179,025; Aug. 14.
C. E. Z. Company, The, Chicago, Ill. House numbers, changeable window display signs, and sign reflectors. 176,449; May 29.
C. G. Spring Company, The, Kalamazoo, Mich. Bumpers. 179,705–7; July 17.
C-O-D Cereal Co. (See Gillitt, Fred C.)
C & T Importing Company, San Francisco, Calif. Tea. 171,984; May 15.
C. V. & R. Batigne, New York, N. Y. Positive projection slides, and motion-picture films. 176,664; July 24.
C. & W. Cap Company, Nevada, Iowa. Caps and closures for receptacles and containers. 180,688; Aug. 7.
C. W. P. Company. (See Price, Charles W.)
C. Y. Rubber Company. (See Yeagle, Curwen S.)
Cabco Iron Works, Inc., Gowanda, N. Y. Gas steam radiators. 168,447; Jan. 23.
Cabell Corporation of Baltimore City, The, Baltimore, Md. Imitation vanilla. 183,194; Nov. 20.
Cabot, Godfrey L., Inc., Boston, Mass. Carbon black. 176,065; July 17.
Cabot, Godfrey L., Inc., Boston, Mass. Carbon black. 176,067; Apr. 24.
Cabot, Godfrey L., Inc., Boston, Mass. Carbon black. 176,068; Sept. 4.
Cabot, Godfrey L., Inc., Boston, Mass. Carbon black. 176,069–71; Apr. 24.
Cabot, Samuel, Inc., Boston, Mass. White covering composition. 187,295; Dec. 4.
Cabrelli, Maria, and Baldassare Mirabile, New York, N. Y. Cigars. 182,293; Sept. 25.
Cabrera, G. M., doing business as Cabrera & Co., New York, N. Y. Chocolate. 168,511; Apr. 17.
Cactus Crystal Company, Dover, Del., and Fort Worth, Tex. Candy. 171,449–50; Mar. 27.
Cadet Knitting Company, Philadelphia, Pa. Sweater coats. 180,417; July 24.
Cadet Knitting Company, Philadelphia, Pa. Sweater coats. 180,652; Sept. 4.
Cadman, A. W. Manufacturing Co., Pittsburgh, Pa. Bearing metals. 183,360; Dec. 18.
Cadwallader Gibson Lumber Co., Manila, P. I.; San Francisco, Calif., and New York, N. Y. Logs. 174,299–300; May 22.
Cafe L' Aiglon. (See Patton, John G.)
Cahill & Malone, doing business as Everite Patch Company, Toledo, Ohio. Tire-repair compounds, adhesives, etc. 179,708; July 10.
Cairo Food Products Company, Cairo, Ill. Chocolate-covered ice-cream bar. 163,328; Jan. 9.
Caladero Products Company, Atascadero, Calif. Dehydrated apricot jam, peach jam, vegetable soup, etc. 164,695; Mar. 27.
Calajoe, Anthony J., New York, N. Y. Hair grower. 176,162; Aug. 7.
Calcium Products, Incorporated, Chicago, Ill. Antiseptic, astringent, and deodorizing lotion. 176,322; June 19.
Calcorganic Laboratories. (See Holm, J. Henry.)
Caldwell & Company, Nashville, Tenn. Booklets and bonds. 173,562; July 3.
Caldwell, W. A., Camino, Calif. Fresh deciduous fruits. 169,236; July 3.
Caldwell, William, New York, N. Y. Dolls, rubber dolls, balloons, squawkers. 179,709; Aug. 21.
Caldwell, William, doing business as Rex Rubber Novelty Co., New York, N. Y. Rubber balloons, rubber dolls, and squawkers. 184,063; Nov. 6.
Calhoun, Robbins & Co., New York, N. Y. Face cloths, dishcloths, floorcloths, washrags, scarfs, shams, etc. 172,200; Apr. 3.
Calhoun, Robbins & Co., New York, N. Y. Hose supporters, garters, belts, etc. 172,201; Apr. 24.
Calhoun, Robbins & Co., New York, N. Y. Hair, tooth, nail, and cloth brushes, whisk brooms, etc. 172,203; Feb. 20.
Calhoun, Robbins & Co., New York, N. Y. Pocketbooks, purses, cardcases, tourists' cases, bill books, etc. 172,204; Feb. 20.
Calhoun, Robbins & Co., New York, N. Y. Beaded bags, soap boxes, wash-rag cases, cretonne bags, etc. 172,205; Feb. 20.
Calhoun, Robbins & Co., New York, N. Y. Writing paper, envelopes, pens, pencils, paper tags, etc. 172,206; Mar. 6.
Calhoun, Robbins & Co., New York, N. Y. Hair tonics, smelling salts, witch hazel, peroxide, etc. 172,207; May 29.
Calhoun, Robbins & Co., New York, N. Y. Buckles, thimbles, bracelets, etc. 172,208; May 8.
Calhoun, Robbins & Co., New York, N. Y. Tassels and fringes, elastic belting and cord, etc. 172,209; Dec. 18.
Calhoun, Robbins & Co., New York, N. Y. Hot-water bottles, rubber gloves, thermometers, rubber sheets, etc. 172,210; Feb. 13.
Calico Printers' Association, Limited, The, Manchester, England. Cotton piece goods. 184,934; Nov. 6.
Califelt Insulation Mfg. Co., Los Angeles, Calif. Insulating material for walls, box cars, refrigerator cars, etc. 187,710; Dec. 25.
California Alfalfa Products Company, Pasadena, Calif. Medicine in tablet form. 158,221; Apr. 3.
California Alfalfa Products Company, Pasadena, Calif. Beverage sold as a soft drink and sirups and extracts for making same. 175,299; May 29.
California Almond Growers Exchange, San Francisco, Calif. Almonds. 157,024–5; May 8.
California Almond Packers, Sacramento and North Sacramento, Calif. Salted almonds. 179,585; July 31.
California Aroma Co., Los Angeles, Calif. Chili pepper and chili powder. 165,527; Aug. 14.
California Associated Raisin Co. (now by change of name Sun Maid-Raisin Growers), Fresno, Calif. Raisins and candy. 157,758; Aug. 14.
California Bakery Company, Bisbee, Ariz. Bread. 153,076; Aug. 14.
California Barrel Co., San Francisco, Calif. Wooden containers and shooks therefor. 176,946; May 29.
California Bottling Association, San Francisco, Calif. Alkaline nonpurgative table water. 183,694; Oct. 9.

California By-Products Co., San Francisco, Calif. Waterproofing composition for application to tennis-racket strings. 179,514; Aug. 21.
California Canneries Co., San Francisco, Calif. Canned fruits and vegetables. 178,221; Aug. 14.
California Card Manufacturing Co., San Francisco, Calif. Photographic mountings. 175,340; Apr. 17.
California Central Creameries, San Francisco, Calif. Compound having adhesive qualities. 180,840; Sept. 11.
California Citrus Fruit Juice Company, Wilmington, Del., and San Francisco, Calif. Nonalcoholic, maltless, concentrated fruit juices. 176,163; May 1.
California Co-Operative Canneries, San Francisco, Calif. Canned fruits and vegetables. 175,844; Aug. 7.
California Co-Operative Canneries, San Francisco, Calif. Fruit salad, canned fruits and vegetables. 178,822; Dec. 4.
California Crushed Fruit Company, Los Angeles, Calif. Beverages, concentrates, and compounds for making the same. 186,349; Nov. 20.
California Food Products Company, Los Angeles, Calif. Gelatin dessert preparation. 182,649; Nov. 13.
California Fruit Growers Exchange, Los Angeles, Calif. Citrous fruits in their natural state. 173,621; Sept. 4.
California Fruit Growers Exchange, Los Angeles, Calif. Beverage-dispensing fountains. 184,064; Nov. 20.
California Fruit Selling Company, San Francisco, Calif. Dried and canned fruits. 165,667; Feb. 13.
California Glove Company, Napa, Calif. Leather gloves. 181,337; Sept. 11.
California Growers Association, Inc., Los Angeles, Calif. Canned fruits and canned vegetables, jams, preserves, dried fruits, etc. 169,844; May 15.
California and Hawaiian Sugar Refining Corporation, San Francisco, Calif. Sugar. 165,352; Sept. 4.
California Jely-Juce Company. (See Hulburt, H. L.)
California Laboratories, Inc., Los Angeles, Calif. Nonalcoholic, maltless beverages, root-beer, root-beer extracts, and sirups for making soft drinks. 184,587; Nov. 27.
California Laboratories, Inc., Los Angeles, Calif. Flavoring extracts. 184,588; Dec. 11.
California Paint Company, Oakland, Calif. Lubricating oils and greases. 165,483; Apr. 3.
California Paint Company, Oakland, Calif. Colors, varnish, stain, paints, etc. 166,812; Mar. 27.
California Peach & Fig Growers, Fresno, Calif. Dried-fig-meat confection. 159,008; Jan. 9.
California Peach & Fig Growers, Fresno, Calif. Dried peaches and figs. 177,827; Nov. 6.
California Physicians Laboratories, Oakland, Calif. Bacterial sugar used in the treatment of various pulmonary diseases. 177,725; Oct. 9.
California Preserving Company, Los Angeles, Calif. Canned fruit and vegetables, jams, jellies, etc. 180,518; Sept. 25.
California Products Company. (See Lunsford, Reuben A.)
California Prune & Apricot Growers, Inc., assignor to California Prune & Apricot Growers Association, San Jose, Calif. Salad and cooking oils, macaroon paste, and crystallized fruit candies, etc. 172,932; Aug. 21.
California Prune and Apricot Growers Inc., San Jose, Calif. Dried fruits. 166,650; Feb. 27.
California Supply Company, Inc., San Francisco, Calif. Sweet pickles, tomato catchup, cider vinegar, etc. 165,346; Jan. 2.
California Tanning Company, St. Louis, Mo. Leather. 182,700; Nov. 13.
California Toy Co. (See Fritz, Charles.)
California Underwear and Hosiery Mills, doing business as California Underwear Mills, Los Angeles, Calif. Ladies' knit underwear. 169,616; Feb. 20.
California Underwear and Hosiery Mills, also doing business as California Underwear Mills, Los Angeles, Calif. Ladies' knit underwear. 169,618; May 8.
California Underwear and Hosiery Mills, doing business as California Underwear Mills, Los Angeles, Calif. Ladies' knit underwear. 169,619; May 1.
California Underwear Mills. (See California Underwear and Hosiery Mills.)
California Wall Bed Company, San Francisco, Calif. Concealable beds. 180,326; Aug. 7.
Calkins, A. Genevieve, doing business as South Norwalk Evening Sentinel, South Norwalk, Conn. Newspaper and magazine articles, prints, and publications. 178,162; July 3.
Callegari, John A., doing business as Callegari Products Co., Chicago, Ill. Malt extract and sirup. 184,710; Oct. 30.
Callidendron Mfg. & Chemical Corp., Brooklyn, N. Y. Polishing creams for painted, varnished, and lacquered surfaces. 168,824; Jan. 9.
Callow, Horace F., doing business as Kekionga Scalp Tonic Company, Decatur, Ind. Medical compounds used to cleanse the scalp, etc. 178,426; Aug. 21.
Cal-Met Mfg. Co., Oakland, Calif. Sheet-metal products. 161,034; Oct. 9.
Calumet Packing Co., Sheboygan, Wis. Canned peas. 167,383; Oct. 16.
Calverley, Charles D., doing business as C. D. Calverley & Co., East St. Louis, Ill. Corn meal. 174,064; June 5.
Calvert, Howard R., Medina, Ohio. Shoe and leather polishes. 177,358; June 5.
Calvert Lithographing Co., The, Detroit, Mich. Bond paper for printing purposes. 186,102; Nov. 13.
Calyork Manufacturing Co., The, Los Angeles, Calif. Ladies' and children's hats. 177,828; Nov. 20.
Camel Chemical Co. Inc., Portland, Oreg. Battery solution. 178,821–2; July 24.
Camel Dry Storage Battery Co., Dallas, Tex. Storage batteries. 164,694; June 26.
Cameron, Viola R., New York, N. Y. Fuel-treating devices to be installed in the path of internal-combustable mixtures in internal-combustion engines. 170,260; Jan. 9.
Cameron, Will J., Chicago, Ill. Outfit of surgical and dental appliances. 160,928; Mar. 27.
Camilla Preparations, Inc., New York, N. Y. Reducing cream. 178,893; July 24.
Caminati, John A., doing business as J. A. C. Cheese Manufacturing Co., Chicago, Ill. Cheese, French dressing, mayonnaise, and Thousand Island dressing. 179,259; Oct. 30.
Camlin Corset Co., Inc., New York, N. Y. Corsets and brassières. 170,620; Apr. 10.
Cammeyer, New York, N. Y. Leather shoes. 170,272; Feb. 27.
Cammeyer, New York, N. Y. Shoes. 178,327–8; Aug. 28.
Cammeyer, New York, N. Y. Leather shoes. 179,710; Nov. 13.
Cammeyer, New York, N. Y. Children's leather and fabric shoes. 182,650; Dec. 25.
Campania Importing Company, Inc., New York, N. Y. Olive oil. 155,665; July 24.
Campbell, Andrew C., Incorporated, Waterbury, Conn. Machines for cutting sheet metal. 173,912; May 1.
Campbell, John R., Philadelphia, Pa. Water wheels. 180,046; Sept. 4.
Campbell, John, & Co., New York, N. Y. Color-stripping or dye-removing compound. 184,589–90; Dec. 4.
Campbell, Joseph, Company, Camden, N. J. Spaghetti. 162,606–7; Feb. 6.
Campbell, Joseph, Company, assignor to Campbell Soup Company, Camden, N. J. Canned vegetables. 172,369; Dec. 11.
Campbell, Joseph, Company, assignor to Campbell Soup Company, Camden, N. J. Canned tomatoes, corn, peas, and beans. 172,370; Oct. 23.
Campbell Manufacturing Co., The, Rochester, N. Y. Patching paste. 181,631; July 31.
Camp-Davis-Blair Co. Inc., New York, N. Y. Hosiery, socks, stockings, and underwear. 180,747; Sept. 18.
Campe Corporation, New York, N. Y. Hosiery and knitted underwear. 181,109; Sept. 18.
Campe-Davis-Blair Co. Inc., New York, N. Y. Women's and girls' stockings and hosiery. 175,462; June 12.
Campfire Manufacturing Company, St. Louis, Mo. Devices for supporting cooking utensils, etc., over an open fire. 155,737; July 3.
Campro Corporation, The, New York, N. Y. Motion-picture camera and projector. 186,584; Dec. 18.
Canadian Consolidated Corporation, Limited, St. Catharines, Ontario, Canada. Copper-clad leading-in wire for electrical purposes. 160,860; Oct. 9.
Canadian Wm. A. Rogers, Limited, Toronto, Ontario, Canada. Cones, particularly paper cones. 180,841; Sept. 4.
Canavello, Harold B., New York, N. Y. Vanity boxes. 186,944; Dec. 25.
Candy Manufacturer Publishing Co., The, Chicago, Ill. Magazines published semiannually. 178,955; June 26.
Candy Sales Corporation, Brooklyn, N. Y. Chocolate-covered mints, chocolate-covered coconut cream bars, etc. 183,361; Oct. 16.
Candy-Toy Company of America, Harrisburg, Pa. Toy balloon. 181,976; Dec. 25.
Canepa, John B., Company, The, Chicago, Ill. Noodles and cut and twisted alimentary paste products. 167,166; Feb. 27.
Canfield, Rubber Company, The, Bridgeport, Conn. Dress shields. 166,292; May 15.
Cangen, M., & Co. (See Cangen, Mark.)
Cangen, Mark, doing business as M. Cangen & Co., Brooklyn, N. Y. Steel shoe shanks. 165,272; Jan. 16.
Can-Ho-Lab. Chemical Co., New Orleans, La. Insecticide and germicide. 173,401; Apr. 24.
Cannan, Cecil C., doing business as Autoeez Manufacturing Company, Houston, Tex. Shock absorbers. 182,331; Dec. 11.
Cannar & Marshall, Chicago, Ill. Candy. 176,879; Aug. 28.
Cannon, Addis O., doing business as Cannon Toy Factory. Toy wagons. 174,053; Apr. 10.
Cannon Toilet Manufacturing Co., The, St. Paul, Minn. Face and hand lotions, face creams, and hair pomades. 178,330; Aug. 14.
Cannon Valley Milling Company, Minneapolis, Minn. Wheat flour. 159,142; Mar. 20.
Canson & Montgolfier. (See Boulin, Camille H.)
Canterbury Candy Makers, Inc., Seattle, Wash. Candy confections. 182,651; Oct. 16.
Cantol Wax Company, Bloomington, Ind. Wax polishes. 184,493; Oct. 23.

Alphabetical list of trade-mark applicants—Continued.

Canton Forge & Axle Company, Canton, Ohio. Steel forgings, rail anchors, rail-anchor springs, and railroad switch clamps. 177,215; June 19.
Canton Forge & Axle Company, Canton, Ohio. Tools, and particularly rail-anchor wrenches. 181,059; July 31.
Cantrell & Cochrane, Limited, Dublin, Ireland. Beverages sold as soft drinks. 181,672; Oct. 2.
Canuet Frères, Paris, France. Beads and metal spangles made of steel, copper, etc. 184,017; Nov. 13.
Canuet Frères, Paris, France. Beads and metal spangles. 184,018; Oct. 9.
Can Vas Bak Products Co. (See Hostetter, David B.)
Canvas Products Company, St. Louis, Mo. Tents, tarpaulins, wagon covers, etc. 174,065; July 17.
Canvas Products Company, St. Louis, Mo. Tents, tarpaulins, wagon covers, etc. 174,068; July 17.
Canvas Products Company, St. Louis, Mo. Grass catchers. 181,376; Oct. 2.
Capcoss Co., Inc., The, Martinsville, Va. Medicinal preparation recommended for use in the treatment of rheumatic, neuritic, and sciatic affections, etc. 180,583; Aug. 7.
Capdau, Hippolyte E., New Orleans, La. Salve for the treatment of catarrh, sore throat, croup, etc. 169,888; Apr. 3.
Cape County Milling Co., Jackson, Mo. Wheat feed, shorts, and corn meal. 179,182; Sept. 18.
Capell Salt Company, Salt Lake City, Utah. Salt. 172,974; June 26.
Capen, George H., doing business as Crow Blacking Co., Canton Junction, Mass. Shoe polish. 155,394; Jan. 23.
Capen, George H., doing business as Crow Specialties Company, Canton Junction, Mass. Hat dye. 171,350; Feb. 20.
CaPhenin Chemical Company, Waverly, Iowa. Laxative wafer. 175,768; May 29.
Capital Candy & Cracker Company, Sacramento, Calif. Candy. 163,969; Sept. 25.
Capital City Bottling Company. (See Eisenberg, M. L.)
Capital City Milling & Grain Co., St. Paul, Minn. Wheat flour and stock feeds. 175,845; Nov. 6.
Capital Neckwear Company. (See Rosen, Isidore.)
Capital Rodewite Company, Incorporated, South Washington, Va. Compositions for use as adhesives for wood and similar types of blocks laid on flooring or paving. 180,653; Sept. 4.
Capitol Chemical Co., Montpelier, Vt. External application for asthma, bronchitis, coughs, etc. 185,562; Dec. 11.
Capitol Chemical Company, Somerville, Mass. Stove polish. 162,721; July 10.
Capitol Coffee Company. (See Danna, Frank.)
Capitol Hat Frame Works, Des Moines, Iowa. Hat frames. 170,807; Apr. 3.
Capitol Sales Company, Memphis, Tenn. Liniment for the treatment of stiff and sore muscles, rheumatic pains, etc. 163,500; Feb. 20.
Capitola Tonic Co., New York, N. Y. Fountain combs capable of containing a liquid for passage through the hair. 173,463; Apr. 3.
Caplan, Joseph, doing business as Laforé Perfumery Co., New York, N. Y. Lemon cream, brilliantine, freckle cream, rouge, etc. 175,131; Sept. 25.
Caporale, Pasquale A., doing business as Leoncavallo Sauce Company, Philadelphia, Pa. Spaghetti, spaghetti sauce, and cheese. 181,936–8; Nov. 27.
Caporale, Pasquale A., doing business as Leoncavallo Sauce Company, Philadelphia, Pa. Spaghetti and spaghetti sauces. 181,939; Dec. 4.
Cappellanti, Harry, Morgantown, W. Va. Gas-flow alarms. 186,350; Dec. 11.
Caradine Harvest Hat Co., St. Louis, Mo. Straw hats. 168,999; May 29.
Carametos, John J. M., doing business as E. B. Candy Co., Chicago, Ill. Candy bars. 168,513; June 26.
Carbide & Carbon Chemicals Corporation, New York, N. Y. Lubricants particularly intended for use in refrigerating machines. 175,710; Apr. 3.
Carbide & Carbon Chemicals Corporation, New York, N. Y. Self-contained units for storing and supplying gas for heating, lighting, and power purposes. 185,651; Dec. 18.
Carbide & Carbon Chemicals Corporation, New York, N. Y. Compressed gas for heating, lighting, and power purposes. 185,652; Dec. 11.
Carbide & Carbon Chemicals Corporation, New York, N. Y. Portable containers. 186,178; Dec. 4.
Carbondale Machine Company, Carbondale, Pa. Refrigerating and ice-making plants, apparatus, and machines and parts and accessories thereof. 172,637; May 29.
Carbo-Sul Corporation, New York, N. Y. Insecticides. 174,609; May 15.
Cardilli, Nicholas, New York, N. Y. Perforated music rolls. 180,584; Aug. 21.
Cardinell, John D., doing business as Cardinell Vellum Mfg. Co., Montclair, N. J. Tracing paper. 179,712–13; June 19.
Cardinet Candy Company, Oakland, Calif. Candy. 179,584; Oct. 30.
Cardinet Candy Company, Oakland, Calif. Candy. 181,878; Sept. 4.
Carel, Hubert C., doing business as The Benetol Company, Minneapolis, Minn. Pharmaceutical preparations. 163,859; May 15.
Carey Salt Company, The, Hutchinson, Kans. Medium salt for meat curing and general use. 166,653; Jan. 2.
Careskey, James L., Louisville, Ky. Monthly magazine. 162,918; May 1.
Carl Company, The, Schenectady, N. Y. Cotton piece goods, linen piece goods, and toweling. 181,813; Sept. 25.
Carleton Dry Goods Company, St. Louis, Mo. Shirts, nightgowns, and pyjamas. 180,585; July 24.
Carley, Leonard R., Watertown, Conn. Lubricating, automobile, and machine oils and lubricating greases. 160,587; Mar. 13.
Carley, Leonard R., Watertown, Conn. Varnish, stains, ready-mixed, paste, or dry fillers and paints. 160,588; Oct. 2.
Carley, Rice Company, Milwaukee, Wis. Underwear for men. 176,600; Nov. 27.
Carlson, Grace, St. Paul, Minn. Bibs. 179,029; Aug. 28.
Carman, Harriet J., Elkins Park, Pa. Face powders, face creams, perfumes, etc. 185,410; Dec. 11.
Carmel, Albert, doing business as The Mount Carmel Co., Baltimore, Md. Snuff used for medicinal purposes. 183,818; Nov. 20.
Carmel Canning Co., San Francisco, Calif. Canned fish. 176,323; May 22.
Carmen Manufacturing Company, Chicago, Ill. Brassières. 169,237; Jan. 2.
Carnation Stock Farms, Seattle, Wash. Live cattle of stock farms. 172,795; Mar. 13.
Carneal, Edwin E., New Orleans, La. Beverage sold as a soft drink. 179,354; July 10.
Carney, Linwood S., Boston, Mass. Nonalcoholic, maltless vegetable extract for soft-drink purposes. 180,467; July 31.
Carnotite Gland Extract Company. (See McMichael, Americus O.)
Carnrick, G. W., Co., New York, N. Y. Medicinal preparations for the treatment of glandular deficiency. 173,127; Apr. 10.
Carnrick, G. W. Co., New York, N. Y. Medicinal preparation. 178,089; Aug. 28.
Carolina Cotton & Woolen Mills Company, The, Spray, N. C. Cotton blankets. 181,243–4; Aug. 14.
Carolina Creamery Co., Asheville, N. C. Ice cream and butter. 149,504; Mar. 20.
Carolina Remedies Company, Union, S. C. Egg producer and poultry tonic. 177,272; Apr. 17.
Caron Corporation. (See Daltroff, E., & Cie., assignor.)
Carpenter Chemical Company, Inc., New York, N. Y. Chemical preparation used to treat silk. 169,473; Jan. 9.
Carpenter-Dodge Company, Arlington, Mass. Nails. 184,065; Sept. 25.
Carpenter, Walter M., doing business as Kluk Chemical Co., Minneapolis, Minn. Medicinal tablets for the prevention and treatment of cholera, etc., in fowls. 179,412; Sept. 18.
Carr, Edward G., Chicago, Ill. Earth cutting and planing machine. 162,333; Aug. 28.
Carr, F. S., Company, Boston, Mass. Waterproof automobile and carriage fabric. 177,273; May 29.
Carr, L. M. (See Rathburn, Silas E.)
Carran, Grace B., doing business as Central Petroleum Company, Cleveland, Ohio. Lubricating oils and greases. 179,927; June 26.
Carrier Chemical Company, Charleston, W. Va. Polishing material for automobiles, etc. 184,711; Nov. 6.
Carroll, J. Pratt, Inc., doing business as Sebastian Packing Co., New York, N. Y. Fresh grapefruit, oranges, tangerines, pineapples, limes, etc. 166,347; May 29.
Carroll, John A., doing business as Liquid Wrench Company, Schenectady, N. Y. Compound for loosening tight nuts on bolts and lubricating leaf springs. 177,726; May 15.
Carroll, William, & Company, Inc., New York, N. Y. Hats for men. 182,533; Nov. 13.
Carrolton Packing Co. (See Biddle, Alice M.)
Carrozza, Joseph, Philadelphia, Pa. Hair grower and scalp massage. 185,073; Dec. 4.
Carruthers, Mrs. Richard, doing business as Astoria By-Products Co., Astoria, Oreg. Salmon eggs for bait. 183,362; Sept. 11.
Carson Pirie Scott & Co., Chicago, Ill. Women's, misses', girls' and children's hats, caps, and bonnets. 161,805; Jan. 2.
Carson Pirie Scott & Co., Chicago, Ill. Children's underwear of textile fabric. 161,807; Jan. 2.
Carson Pirie Scott & Co., Chicago, Ill. Snap fasteners. 172,961; Mar. 13.
Carson Pirie Scott & Co., Chicago, Ill. Shoes. 180,586; Nov. 13.
Carson Pirie Scott & Company, Chicago, Ill. Petticoats and bloomers. 180,587. July 24.
Carson Pirie Scott & Co., Chicago, Ill. Mercerized cotton batiste. 184,595; Oct. 16.
Carson Pirie Scott & Co., Chicago, Ill. Ladies' silk gloves. 185,563; Dec. 11.
Carter Dry Goods Co., Louisville, Ky. Percales in the piece. 169,002; May 15.

Carter Dry Goods Co., Louisville, Ky. Madras in the piece. 169,004; May 15.
Carter Dry Goods Co., Louisville, Ky. Percales in the piece. 169,006; May 15.
Carter Dry Goods Company, Louisville, Ky. Percales in the piece. 169,280; June 19.
Carter Dry Goods Co., Louisville, Ky. Work shirts. 172,511; May 22.
Carter Dry Goods Co., Louisville, Ky. Linoleum and oiled cloth. 183,517; Oct. 16.
Carter, Ivy R., Estaca, Oreg. Lamp shades. 175,543; Aug. 14.
Carter-Mayhew Manufacturing Company, Minneapolis, Minn. Grain separating and cleaning machines. 168,204; Jan. 23.
Cartoning Machinery Corporation, Newark, N. J., and Newport, R. I. Carton and box filling machinery. 166,933; Jan. 2.
Case, James L., doing business as Eutaw Chemical Co., Boston, Mass. Preparation for the treatment of toothache. 183,094; Nov. 13.
Case-Teel Company, Inc., Jackson, Miss., and New Orleans, La. Stock and poultry feed. 174,509; July 31.
Casey, John T., doing business as United States Juvenile Vehicle Co., Philadelphia, Pa. Wheeled toys, more particularly walking velocipedes. 170,968; May 1.
Cash, Charles S. Inc., New York, N. Y. Nuts in the shell and shelled, salted, and candied nuts and glacé fruit candies. 163,613; Feb. 6.
Cashmere Fruit Growers Union, Cashmere, Wash. Fresh apples. 182,563; Sept. 11.
Casler, Fred M., Los Angeles, Calif. Mayonnaise, catchup, Thousand Island dressing, marshmallow cream, etc. 168,755; June 26.
Cassileth & Schwartz, Brooklyn, N. Y. Fur skins. 169,754; Apr. 24.
Cassoff, Louis F., doing business as Central Shellac Works, Brooklyn, N. J. Specially-prepared shellac products. 175,343; June 19.
Castelio, Giacomo, Genoa, Italy. Medicinal cordial. 144,500; Jan. 9.
Castle Company, Lyons, N. Y. Canned sauerkraut. 170,273; May 3.
Caswell, Bonnie R., Wilmington, Del. Motor saltz. 175,298; July 10.
Catalano, M., and Company, Milwaukee, Wis. Olive oil. 183,639; Dec. 4.
Catamount Manufacturing Co., Inc., Bennington, Vt. Athletic union suits for men, boys, and children. 177,831; Aug. 14.
Catawba Candy Co., The, Sandusky, Ohio. Candy. 170,004; Mar. 13.
Catawba Candy Co., The, Sandusky, Ohio. Candy. 182,498; Sept. 18.
Cater, Dr. James S., doing business as Purer-Lene Mfg. Co., Marceline, Mo. Preparation for treating diseases of the mucous membranes. 177,593; Aug. 7.
Cathcart, Herbert J., doing business as The Cathcart Company, New York, N. Y. Handkerchiefs. 177,545; June 12.
Cathcart, Herbert J., doing business as The Cathcart Company, New York, N. Y. Cotton piece goods. 177,546; June 12.
Cato Oil and Grease Co., Oklahoma, Okla. Lubricating oils and greases. 179,293–4; June 19.
Catsigianis, Otto P., doing business as Blue Hill Candy Company, St. Louis, Mo. Chocolate-coated nuts and candies. 172,257; May 8.
Cauchois Coffee Company, New York, N. Y. Coffee. 181,011; Sept. 25.
Caulk, L. D., Company, The, Milford, Del. Dental alloy. 172,081; Jan. 9.
Caulk, L. D., Company, The, Milford, Del. Cement for filling teeth and liquid therefor. 172,082; Jan. 9.
Caulk, L. D., Company, The, Milford, Del. Preparation for application to dental cavities, etc. 184,118; Dec. 18.
Caulk, L. D., Company, The, Milford, Del. Medicated cream or ointment for use in the treatment of diseases and disorders of the skin and scalp. 185,413; Dec. 11.
Caulk, L. D., Company, The, Milford, Del. Antiseptic and germicidal preparation for use as a mouth wash, gargle, etc. 185,565; Dec. 11.
Causse Manufacturing & Importing Co., Boundbrook, N. J., and New York, N. Y. Pineapple glacé, glacé assorted fruits, crystallized ginger. 177,274; July 3.
Cavanaugh, William D., doing business as Velvet Oil Company, Reno and Oil City, Pa. Lubricating oils. 168,440; Feb. 27.
Cavanaugh, William D., doing business as Velvet Oil Co., Reno and Oil City, Pa. Medicinal oil. 182,131; Oct. 30.
Celite Products Company, Los Angeles, Calif., and New York, N. Y. Material for arresting and separating impurities or other matter from fluids. 146,755; Apr. 17.
Celite Products Company, Los Angeles, Calif. Finely-divided solid material used in aiding filtration and in demulsification of liquids. 187,508; Dec. 25.
Cellas', Inc., New York, N. Y. Macaroni. 163,670; Jan. 9.
Cellas', Inc., New York, N. Y. Cottonseed oil. 178,090; June 12.
Centemeri, P., & Co., New York, N. Y. Gloves, underwear, and hosiery. 185,414; Dec. 18.
Centemeri, P., & Co., New York, N. Y. Underwear and hosiery. 185,416; Dec. 18.
Centemeri, P., & Co., New York, N. Y. Leather and fabric gloves. 185,429; Dec. 11.
Centemeri, P., & Co., New York, N. Y. Leather and fabric gloves. 185,436; Dec. 11.
Central California Berry Growers Association, San Francisco, Calif. Fresh berries. 165,270; Feb. 6.
Central Chemical Company, The, Hagerstown, Md. Fertilizer. 171,526; Mar. 13.
Central Committee Knesseth Israel, of Jerusalem, Palestine, Inc., New York, N. Y. Collection boxes. 169,395; Feb. 20.
Central Dental Laboratory Co. Incorporated, New York, N. Y. Dental crowns composed of artificial enamel and metal. 174,356; Apr. 10.
Central Flatiron Mfg. Co., Johnson City, N. Y. Electrically-heated hot plates and flatirons. 173,622; 73,622; Mar. 27.
Central Indiana Coal Co., Indianapolis, Ind. Coal. 179,516; June 19.
Central Michigan Paper Company, Grand Rapids, Mich. Wrapping, manila, document, print, and other paper, etc. 181,245; Aug. 28.
Central Ohio Oil Company, The, Columbus, Ohio. Gasoline. 174,126; Nov. 27.
Central Ohio Paper Company, The, Columbus, Ohio. Writing paper, tablets, papeteries, bristol board, and envelopes. 179,458; Sept. 11.
Central Petroleum Company. (See Carran, Grace B.)
Central Radiator Company, New York, N. Y. Hot-water heater. 166,523; Jan. 2.
Central Radio Laboratories, Milwaukee, Wis. Radio signaling apparatus and parts thereof. 178,164; July 24.
Central Scientific Company, Chicago, Ill. Pumps, etc. 185,445; Oct. 30.
Central Scientific Company, Chicago, Ill. Filter paper. 185,446; Oct. 30.
Central Scientific Company, Chicago, Ill. Sulpho-chromic salts for making battery fluids. 185,447; Dec. 11.
Central Scientific Company, Chicago, Ill. Vacuum pumps. 185,448; Oct. 30.
Central Shellac Works. (See Cassoff, Louis F.)
Central Tractor Company, The, Greenwich, Ohio. Tractors, cultivators, and sulky plaws. 180,748; Sept. 4.
Central Wholesale Grocers, Inc., Chicago, Ill. Canned vegetables. 170,559; Nov. 27.
Central Wisconsin Canneries, Beaver Dam, Wis. Canned peas. 173,807; June 5.
Century Biscuit Co., Indianapolis, Ind. Wafers and crackers. 166,350; Mar. 20.
Century Chemist Incorporated, Chicago, Ill. Preparation for cleansing and softening the skin. 167,381; Jan. 2.
Ceramic Products Corp., Old Bridge, N. J. Ceramic products used for building purposes, face brick, terra cotta, hollow tile, etc. 169,967; Mar. 13.
Cerecedo Hnos. & Co. Sucrs., San Juan, P. R. Soap. 170,122; Jan. 2.
Ceres Core Binder Company. (See McGrory, Daniel T.)
"Cérès" Docks, Minoterie, Semoulerie Pates Alimentaires, Nice, France. Semolinas, rices, alimentary pastes, and biscuits. 153,385; May 8.
"Cérès" Docks, Minoterie, Semoulerie, Pates Alimentaires, Nice, France. Semolinas, rices, alimentary pastes, and biscuits. 153,386; Sept. 4.
Cerny, George A., doing business as Autol Scientific Laboratories, Chicago, Ill. Body polish, top dressing, and paint enamel. 181,338; Oct. 2.
Certain-Teed Products Corporation, Baltimore, Md., and St. Louis, Mo. Ready-mixed paints for interior surfaces. 181,174; July 31.
Certified Foods, Inc., Westfield, Mass. Food preparation consisting of a vegetable seasoning. 163,918; Apr. 3.
Certified Laboratories, Inc., Newark, N. J. Fuel intensifier and carbon remover. 168,632; Mar. 13.
Cervelli, Blanche, San Francisco, Calif. Hip and bust reducer. 169,890; Jan. 9.
Ce-Wede Laboratory. (See National Physicians Supply Company.)
Chacon, R. M. A., doing business as The Chacon Trading Company, New York, N. Y. Hydrocarbon materials or asphaltum products. 175,000; June 5.
Chadwick-Boston Lead Company, Boston, Mass. White lead. 175,344; July 10.
Chadwin, Leo L., doing business as Gem Tire and Rubber Company, Philadelphia, Pa. Tires and inner tubes. 172,512; Apr. 24.
Chadwin, Leo L., doing business as Protection Tire & Rubber Company, Philadelphia, Pa. Rubber tires and inner tubes. 179,030; July 3.
Challenge Company, Batavia, Ill. Windmills, gasoline engines, windmill pumps, siphon pumps, etc. 174,724; June 5.
Chamberlin, Benjamin F., doing business as B. F. Chamberlin, Boston, Mass. Molded rubber heels and soles, fiber soles and heels, shoes, and rubber and fiber top lifts. 141,855–6; June 5.
Champion Appliance Manufacturing Company, Inc., Yonkers, N. Y. Portable electric motors. 170,926; May 8.

Alphabetical list of trade-mark applicants—Continued.

Champion Appliance Manufacturing Company, Inc., Yonkers, N. Y. Clothes-washing machines and clothes wringers. 176,399; June 12.
Champion, Chas. V., doing business as C. V. Champion & Co., Danville, Ill. Corn-popping machines. 185,858; Dec. 18.
Champion Fibre Company, The, Canton, N. C. Leather filler. 168,917; Jan. 2.
Champion Manufacturing Co., New York, N. Y. Belts. 177,473; Aug. 28.
Champion Pneumatic Machinery Company, Chicago, Ill. Air compressors and air and water stands. 183,553; Oct. 30.
Champion Specialties Co. (See Palise, Joseph.)
Champlain Valley Fruit Co., Inc., Burlington, Vt. Mayonnaise dressing, olive mayonnaise, peanut butter, etc. 178,713; Sept. 25.
Chan, L. C., & Company, San Francisco, Calif. Chop-suey sauce. 168,753; Sept. 4.
Chance, Albert B., doing business as Chance Company, Centralia, Mo. Piston rings. 153,441; Sept. 4.
Chance, Albert B., doing business as Chance Company, Centralia, Mo. Anchor rods. 176,324; May 15.
Chance Brothers and Co. Limited, West Smethwick, Stafford, England. Glass. 182,086; Aug. 21.
Chandlee, H. P. Sons Co., Baltimore, Md. Ash, garbage, and oil cans; trash burners, ash sifters, etc. 185,106; Nov. 27.
Chandlee, H. P., Sons Co., Baltimore, Md. Ash, garbage, and oil cans, trash burners, etc. 186,179; Dec. 4.
Chandler, Mary W., doing business as Takof Company, Cleveland Heights, Ohio. Tweezers for removing superfluous hair. 180,588; Aug. 21.
Chandler Motor Car Company, The, Cleveland, Ohio. Internal-combustion engines. 172,145; Oct. 30.
Chandler Motor Car Company, The, Cleveland, Ohio. Speed-changing transmission gearing for motor vehicles. 186,773; Dec. 25.
Chandler & Rice Company, The, Cleveland, Ohio. Printing presses and parts thereof. 167,801; Jan. 23.
Chandler River Co-Operative Canning Association, Jonesboro, Me. Canned blueberries. 180,208; Dec. 11.
Chandler and Rudd Company, The, Cleveland, Ohio. Cheese and butter. 146,524; Nov. 13.
Chandler and Rudd Company, The, Cleveland, Ohio. Candy. 186,464; Dec. 25.
Chaney, Bailey E., Baton Rouge, La. Insecticide. 181,586; Nov. 6.
Channell Chemical Company, Chicago, Ill.; Toronto, Ontario, Canada; London, England; and Paris, France. Cleaning and polishing preparations. 175,345; Dec. 11.
Channell Chemical Company, Chicago, Ill.; Toronto, Ontario, Canada; London, England; and Paris, France. Polish and cleaner for furniture, pianos, linoleum, etc. 175,346; Dec. 11.
Chapin & Gould Paper Company, Springfield, Mass. Writing and printing paper and mailing envelopes. 176,114; Apr. 10.
Chaplin Classics Inc., New York, N. Y. Motion pictures. 173,072; Apr. 3.
Chapman, Charles C., Fullerton, Calif. Citrous fruits. 181,377; Dec. 18.
Chapman, Cora E., San Bernardino, Calif. Nonalcoholic, maltless beverage and sirup for making same. 181,434; Nov. 27.
Chapman, Frank, doing business as The M. W. Dunton Co., Providence, R. I. Soldering flux in salts, paste, and fluid forms. 170,123; Mar. 20.
Chapman Self-Locking Nut Co., Baltimore, Md. Nut locks. 156,983; Feb. 13.
Chappell, Alexander W., doing business as Dr. R. H. Kline Co., Red Bank, N. J. Medicinal preparation acting as a system cleanser and regulator. 173,030; Mar. 6.
Charleroi Laboratories, Inc., Charleroi, Pa. Preparation for eczema, tetter, and itch. 155,047; Feb. 20.
Charles, Burton R., Los Angeles, Calif. Preparation for energizing circulatory and nervous systems of the human body. 181,474; Sept. 18.
Charleston Drug Mfg. Co., Charleston, S. C. Insecticide. 164,869; Mar. 13.
Charleston Electrical Supply Co., Charleston, W. Va. Printed publication issued monthly. 173,277; Sept. 11.
Charleston Milling & Produce Company, Charleton, W. Va. Flour. 185,955; Dec. 25.
Charlotte Electric Repair Co., Inc., Charlotte, N. C. Electric motors, generators, and transformers. 175,300; Apr. 24.
Charm-U Co., The, Chattanooga, Tenn. Vanishing cream and cleansing or cold cream. 167,838; Apr. 10.
Charter Chocolate Company, Boston, Mass. Candy. 141,556; Jan. 9.
Charter Chocolate Company, Boston, Mass. Candy. 141,557; Mar. 6.
Charter Chocolate Company, Boston, Mass. Candy. 181,816; Sept. 4.
Chas. Douglis-Mack Co., New York, N. Y. Men's, young men's, and boys' clothes. 184,069; Dec. 4.
Chas. Douglis-Mack Co. Inc., New York, N. Y. Men's and young men's outer clothes. 167,803; Oct. 30.
Chase Candy Co., St. Joseph, Mo. Candy. 177,474; Nov. 20.
Chase & Co., Jacksonville, Fla. Preserved, canned, and bottled fruits and canned vegetables. 181,727; Nov. 6.
Chase Companies, Inc., The, Waterbury, Conn. Brass pipe. 183,250; Oct. 16.
Chase Foundry and Manufacturing Company, The, Columbus, Ohio. Elevating and conveying, special factory charging, etc., trucks and cars. 165,668; July 3.
Chase, G. W., and Son Mercantile Co., St. Joseph, Mo. Candy. 176,787; May 29.
Chase, L. C., & Company, Boston, Mass. Rug and carpet holders and materials for same. 174,289; June 5.
Chase, Samuel, Fort Wayne, Ind. Preparation for the relief of dyspepsia, indigestion, etc. 172,513; Mar. 6.
Chatham, L., Sr., Products Company, Milwaukee, Wis. Soaps. 159,847; Jan. 30.
Chat-Less-Ine Company, Springfield, Mass. Nonchatter preparation for automobile bands. 175,185; Aug. 7.
Chaufouraux Glass Company, St. Louis, Mo. Photographic-dry-plate glass and picture glass. 181,728; Oct. 23.
Chautauqua Phonograph Company, Inc., Wilmington, Del., and Washington, D. C. Phonographs. 165,580; Aug. 21.
Checker Cab Manufacturing Corporation, Chicago, Ill. Automobile cabs and trucks. 169,576; Apr. 17.
Checker Taxi Co., Chicago, Ill. Automobiles and taxicabs. 175,001; June 12.
Cheeri-o Shoppe. (See Rodiger, Walter G.)
Cheery Ola Co., The. (See Hightower, James F.)
Chef Aluminum Co. (See Jones, Leander C.)
Chemical Company of America, Inc., Louisville, Ky. Motor fuel oils. 155,550; Feb. 27.
Chemical Engineering Co. (Manchester) Ltd., The, Manchester, England. Grinding and crushing machinery. 180,418; Aug. 14.
Chemical Enterprises Incorporated, New York, N. Y. Disinfectants, insecticides, and deodorants. 179,133; Aug. 14.
Chemical Fire Apparatus Company. (See Frey, Henry R.)
Chemical Fuel Company of America, Inc., Louisville, Ky. Fuel oils. 155,549; Feb. 27.
Chemical Machinery Experiment Co. Inc., New York, N. Y. Ice-manufacturing machines and parts thereof. 164,490; Nov. 6.
Chemical Novelty Co., Inc., New York, N. Y. Colors for frosting lamps. 174,071; June 5.
Chemical Paper Manufacturing Co., Holyoke, Mass. Cover paper. 142,385; Jan. 16.
Chemical Paper Manufacturing Company, Holyoke, Mass. Ledger paper. 187,712; Dec. 18.
Chemical Paper Manufacturing Company, Holyoke, Mass. Light-weight writing and printing paper. 187,713; Dec. 18.
Chemical Products Co. (See Milligan, A. L.)
Chemical Products Company. (See Smith, Raymond W.)
Chemical Treatment Company, New York, N. Y. Chemicals for the removal of sulphur, etc., from molten iron and other metals. 176,602; Dec. 18.
Chemische Fabric Marienfelde G. m. b. H. Berlin-Marienfelde, Germany. Pulverulent sulphur compound for treating sores, cuts, etc. 163,737; Jan. 30.
Chemische Fabrik Grünau Landshoff & Meyer, Aktiengesellschaft, Berlin and Grunau, near Berlin, Germany. Chemical products used in dyeing. 180,327; Aug. 14.
Chemische Fabrik "Norgine" Dr. Victor Stein, Aussig, Czechoslovakia. Pharmaceutical preparations to be administered into animals and human beings for treatment of tabes, paralysis, etc. 163,139; May 8.
Chemische Fabrik vormals Sandoz, Basel, Switzerland. Pharmaceutical preparations. 176,880; June 12.
Chemische Fabrik vormals Sandoz, Basel, Switzerland. Pharmaceutical preparation. 176,882; June 12.
Chemische Fabriken vorm. Weiler-ter Meer, Uerdingen, Germany. Impregnating material for use as a preservative. 170,124–6; Mar. 6.
Chemische Werke Aktiengesellschaft Postlerit-Werke, Gross-Zschachwitz, Germany. Engine packers and washers of asbestos, grease, etc. 114,846; Jan. 9.
Chemitex Products Company, The, Akron, Ohio. Window-shade cloth. 163,434; Mar. 6.
Chemitex Products Company, The, Akron, Ohio. Chemical cleaner for shade cloths. 163,779; Jan. 23.
Chemitex Products Company, The, Akron, Ohio. Artificial patent and suede leather and rubber surface cloth. 174,233; June 5.
Chemosan Aktiengesellschaft, Vienna, Austria. Medicines and pharmaceutical preparations. 184,233; Dec. 4.
Cheney Brothers, South Manchester, Conn. Silk fabrics in the piece. 177,035; May 8.
Cheney Brothers, South Manchester, Conn. Woven, knitted, netted, etc., silk fabrics in the piece. 180,521; July 10.
Cheney Brothers, South Manchester, Conn. Woven, knitted, netted, textile, and pile fabrics of silk. 181,061; July 17.
Cheney Brothers, South Manchester, Conn. Woven, knitted, netted, textile, and pile fabrics in the piece comprised of silk. 181,378; Aug. 7.
Cheney Brothers, South Manchester, Conn. Cravats and neckties. 184,814; Nov. 13.
Cheney Brothers, South Manchester, Conn. Woven, knitted, netted, textile, and pile fabrics. 185,202; Oct. 16.
Cherokee Spinning Company, Knoxville, Tenn. Cotton piece goods. 182,788–9; Aug. 28.

Cherry-Bassett-Winner Company, Wilmington, Del., and Philadelphia, Pa. Pasteurizing vats, coolers and batch mixers, etc. 163,740; Jan. 23.

Cherry-Bassett-Winner Company, Wilmington, Del., and Philadelphia, Pa. Nongelatinous combination of substances for use in the manufacture of ice cream. 166,132; Feb. 20.

Cherry Tip Co., The. (See Lyons Bros. Co., The.)

Chertoff, N., Inc., doing business as U. S. Sewing Thread Co. Thread and yarn. 159,140; Apr. 3.

Chertoff, Noah, New York, N. Y. Silk thread. 184,234; Oct. 16.

Chesapeake Weaving Mills, Inc., Havre de Grace, Md., and Philadelphia, Pa. Bathing capes. 177,121; July 17.

Chesebrough Manufacturing Co. (Consolidated), New York, N. Y. Petroleum jelly, hair pomade, hair tonic, camphor ice, etc. 168,596; Mar. 6.

Chesebrough Manufacturing Co., Consolidated, New York, N. Y. Petroleum jelly and preparations thereof. 168,956; Jan. 30.

Chesney, Ernest R., doing business as Fly-Cide Company, Kansas City, Mo. Insecticides. 167,118; Jan. 23.

Chesney Explosive Company, The, Marietta, Ohio. Explosive used largely in shooting oil wells. 172,371; Feb. 20.

Chester Clothes, Inc., New York, N. Y. Men's suits, overcoats, etc. 138,003; Feb. 6.

Chester Knitting Mills, St. Louis, Mo. Hosiery. 166,171–2; Jan. 2.

Chester Knitting Mills, St. Louis, Mo. Hosiery. 166,173; Sept. 11.

Chester Knitting Mills, St. Louis, Mo. Hosiery. 174,654; July 10.

Chesterfield Shirt Company, Louisville, Ky. Men's and boys' dress shirts and men's athletic underwear. 184,019; Dec. 11.

Chesterfield Tire and Rubber Co. (not incorporated), The. (See Grinberg, Abraham.)

Chestnut Farms Dairy. (See Brawner, Henry N., jr.)

Chew, Manley Midland, Ontario, Canada. Fiber board. 163,324; Feb. 13.

Chicago Automobile Trade Association, Chicago, Ill. Periodical publications. 180,522–3; Oct. 30.

Chicago Belting Company, Chicago, Ill. Leather belting. 174,889; May 8.

Chicago Belting Company, Chicago, Ill. Dressing for leather or canvas belts. 181,879; Oct. 30.

Chicago Beverage Co., Chicago, Ill. Beverages sold as soft drinks and sirups used in the preparation of same. 184,712; Oct. 9.

Chicago Malt Extract Co., Chicago, Ill. Malt extract for food purposes. 168,754; Apr. 10.

Chicago Mercantile Co., Chicago, Ill. Hat linings for ladies' hats. 154,679; May 8.

Chicago Nipple Manufacturing Co., Chicago, Ill. Metal pipe nipples. 163,502; Apr. 10.

Chicago Paper Company, Chicago, Ill. Paper. 171,725; Aug. 28.

Chicago Paper Company, Chicago, Ill. Paper. 171,726; Sept. 11.

Chicago Paper Company, Chicago, Ill. Writing, printing, etc. paper. 171,727; Oct. 2.

Chicago Paper Company, Chicago, Ill. Paper. 171,728; Sept. 11.

Chicago Paper Company, Chicago, Ill. Printing and writing paper. 171,786; Aug. 21.

Chicago Radio Apparatus Company, Inc., Chicago, Ill. Radio receiving and transmitting apparatus. 165,227; Nov. 20.

Chicago Radio Laboratory, Chicago, Ill. Electrical apparatus, radio telephone and telegraph and signaling and transmission of power apparatus. 170,969; Jan. 9.

Chicago Whistle Bottling Co., Chicago, Ill. Nonalcoholic maltless soft drinks. 181,379; Aug. 28.

Chickamauga Cedar Company, Stevenson, Ala. Cedar products manufactured into rough and finished lumber for building construction. 183,095; Oct. 23.

Chidester, John H., Chatham, N. J. Magnifying attachments for printing telegraphs. 168,918; Feb. 20.

Chief Two Moon Herb Company, The, Waterbury, Conn. Bitter oil, a general constitutional tonic for internal use. 170,868; Feb. 13.

Chiklax Chemical Products Co. (See Strully, Jacques M.)

Chikouris, Mike, Greensburg, Pa. Confections. 161,169; Jan. 9.

Childers, Jessie, doing business as Hegarty & Childers, Springfield, Ill. Hair-restorer compounds. 185,004; Dec. 4.

Childs, Charles M., & Co. Inc., Brooklyn, N. Y. Ready-mixed paints. 173,031; Mar. 20.

Childs, John D., doing business as Blue Ribbon Products Co., Reading, Pa. Malt sirup for beverages. 180,419; Oct. 23.

Childs Specialty House, Union City, Tenn. Wearing apparel. 175,849; July 10.

Chillicothe Paper Company, The, Chillicothe, Ohio. Book, bond, and writing paper. 174,610; Apr. 24.

Chimnee Sweep Manufacturing Company, San Francisco, Calif. Dry black chemical powder used as a soot destroyer. 178,825; Aug. 28.

China and Japan Trading Company, Limited, New York, N. Y. Woven cotton and woolen fabrics. 171,831; Jan. 30.

China Products Corporation, New York, N. Y. Tea. 164,745. Jan. 30.

Chinook Packing Co., Chinook, Wash. Canned salmon. 172,975; July 3.

Chinook Packing Company, Chinook, Wash. Canned salmon. 170,927; May 15.

Chinosol Company, New York, N. Y. Antiseptic compound. 160,994; Jan. 23.

Chipman Knitting Mills, Easton, Pa. Hosiery. 177,359; July 10.

Chippewa Shoe Mfg. Co., Chippewa Falls, Wis. Leather boots and shoes. 172,261; May 22.

Chisholm, John F., Philadelphia, Pa. Ready-mixed paints, paints for protecting metals, and black coating paints. 170,621; Jan. 9.

Chiswick Polish Co. Ltd., The, Chiswick, London, England. Polishes for furniture, floors, and automobiles. 183,731; Dec. 4.

Chiswick Polish Company, Ltd., The, Chiswick, London, England. Stains, varnishes, and enamels, floor polishes. 166,524; Jan. 9.

Chloro Chemical Corporation, New York, N. Y. Liquid medicaments and ointments for antiseptic uses, etc. 178,592; July 10.

Chlorophen Chemical Co. Inc., Elkins, W. Va. General antiseptic. 187,562; Dec. 25.

Choate, Nellita N., Los Angeles, Calif. Pen name or nom de plume on newspaper articles. 161,967; Nov. 20.

Chococone Company, The. (See Alexander, Nathan J.)

Chocolate Beverages Corporation, New York, N. Y. Chocolate beverage and concentrate for making same sold as a soft drink. 172,514; Mar. 13.

Chocolate Products Company, Baltimore, Md. Candy. 171,686; May 1.

Chocolate Products Company, Wilmington, Del., and Baltimore, Md. Candy. 174,890; May 29.

Chocolate Products Company, Wilmington, Del., and Baltimore, Md. Candy. 175,711; June 19.

Chocolishus Company, The. (See Hunter, H. Blount.)

Choc-o-Vita Company, The. (See Hunter, H. Blount.)

Chopak Textile Co. Inc., New York, N. Y. Silk piece goods. 185,176; Dec. 18.

Chore Utensils Corporation of America, The, Orange, N. J. Scouring utensils. 168,670; Jan. 30.

Chore Utensils Corporation of America, The, Orange, N. J. Scouring utensils. 173,321; Apr. 24.

Chore Utensils Corporation of America, The, Orange, N. J. Dish, bottle, and pot mops. 181,380; July 24.

Christian, H. B., Fresno, Calif. Pneumatic rubber tire casings. 166,934; Mar. 13.

Christians, H. C., Co., Chicago, Ill. Butter. 185,566; Dec. 25.

Christie-Williams Co., Trenton, N. J. Electric-lighting brackets and ceiling fixtures. 180,362; Oct. 9.

Christman, Louis F., doing business as L. F. Christman Co., Jackson, Tenn. Preparation for polishing and dyeing shoes and leather articles. 184,382; Nov. 27.

Christopher, L. J., Co. Los Angeles, Calif. Candies. 177,958–9; June 12.

Chrobaltic Tool Company, Chicago, Ill. Heat-treating containers. 174,553; May 22.

Church Bulletin, Inc., The, New York, N. Y. Church bulletin. 158,178; June 19.

Church, C. F., Manufacturing Co., Holyoke, Mass. Bathroom fixtures. 181,110–11; Sept. 18.

Church, C. F., Manufacturing Co., Holyoke, Mass. Bathroom fixtures. 181,111; Nov. 27.

Church-Vance Grocery Co., Peru, Ind. Coffee, rolled oats, cocoa, etc. 173,033; Sept. 18.

Chute, Clarence L., doing business as The Chute Laboratories, New Lexington, Ohio. Embalmers' face pack, clay massage, cold cream, and vanishing cream. 170,742; Apr. 17.

Cicetti, Federico, doing business as No-Worry Chemical Co., Newark, N. J. Washing fluid. 174,725; Apr. 24.

Ciepiela, Peter, Fall River, Mass. Hand soap. 175,850; June 5.

Cincinnati Brush & Mop Manufacturing Company. (See Ungerbuehler, Albert L.)

Cincinnati Cloak & Suit Company, The, Cincinnati, Ohio. Ladies' and misses' suits, coats, dresses, furs, etc. 169,948; May 8.

Cincinnati Cordage & Paper Co., The, Cincinnati, Ohio. Printing and writing paper. 173,404; May 29.

Cincinnati Cordage & Paper Co., The, Cincinnati, Ohio. Writing paper. 174,554; July 10.

Cincinnati Cordage & Paper Co., Cincinnati, Ohio. Writing paper. 174,555; Mar. 27.

Cincinnati Cordage & Paper Co., The, Cincinnati, Ohio. Writing paper (monogram linen). 174,556; June 26.

Cincinnati Lamp & Bracket Company, The, (now by change of name The Cino Auto Products Company), Cincinnati, Ohio. Spotlights. 152,987; Oct. 9.

Cincinnati Planer Company, The, Cincinnati, Ohio. Planers. 170,752; Feb. 27.

Cincinnati Storage Battery Company, The, Cincinnati, Ohio. Electric batteries. 148,958½; Jan. 16.

Cincinnati Wall Paper Co., The, Cincinnati, Ohio. Dry, ready-mixed, and paste paints, putty, linseed oil, turpentine, etc. 160,871; Jan. 2.

Alphabetical list of trade-mark applicants—Continued.

Cincinnati Wholesale Grocery Company, The, Cincinnati, Ohio. Canned peas and tomatoes. 177,360; July 24.
Cincinnati Wholesale Grocery Company, The, Cincinnati, Ohio. Canned peas, corn, tomatoes, and pineapple. 177,361; Sept. 4.
Cino Auto Products Company, The. (See Cincinnati Lamp & Bracket Company.)
Circle Music Publishing Company, The, Cincinnati, Ohio. Sheet music. 172,827; Mar. 20.
Circle Music Publishing Company, The, Cincinnati, Ohio. Musical instruments and supplies therefor. 177,216; Aug. 21.
Citizens' Wholesale Supply Co., The, Columbus, Ohio. Candy. 154,791; Feb. 13.
"Cito" Gyogyszer es Vegyeszeti Laboratorium. (See Bela, Szalai.)
Citrus Growers Cash Association. (See Banks, Llewellyn.)
Citrus Products Company, Chicago, Ill. Beverages sold as soft drinks and compounds and concentrates for manufacturing the same. 167,555; Jan. 30.
Citrus Products Company, Chicago, Ill. Food-flavoring extracts. 184,120; Dec. 25.
Citrus Products Company, Chicago, Ill. Maltless-beverage flavors and beverages made therefrom. 184,121; Oct. 30.
Citrus Sales Corporation, Tampa, Fla. Fresh citrous fruits. 171,903; May 15.
City Dairy and Ice Cream Co., St. Joseph, Mo. Ice cream. 165,229; Mar. 20.
City Electric Company, Syracuse, N. Y. Electrical apparatus—namely, lamps, motors, switches, etc. 182,399; Nov. 20.
City Naval Equipment Co. (See Kassler, Max.)
City of Paris Dry Goods Company, San Francisco, Calif. Bath salts. 175,917; July 31.
City Refrigerator Company, Los Angeles, Calif. Refrigerator display cases. 181,880; Sept. 11.
Claflin, Charles E., Rensselaer, N. Y. Liniment. 172,515; Feb. 27.
Claflin, Emily R., Santa Monica, Calif. Fruit marmalades. 177,362; Aug. 21.
Claflius Incorporated, New York, N. Y. Cotton piece goods. 176,668; May 1.
Clancy, James E., Lynbrook, N. Y. Peanuts in the shell. 166,346; Jan. 16.
Clapp, Edwin, & Son., Inc., East Weymouth, Mass. Boots and shoes. 172,639; Mar. 27.
Clar, Ernst, St. Georgental, Czechoslovakia. Rhinestones and chatons. 172,862; July 10.
Claravox Company, The, Youngstown, Ohio. Reproducers for phonographs and other talking machines. 172,583; Mar. 6.
Clare Food & Relish Company, Philadelphia, Pa. Vegetable relish or sandwich filler. 182,565; Oct. 30.
Claresa Chemical Works. (See Smith, J. Elmer.)
Clarion Cigar Co. (See Wolfe, William F.)
Clark, A. L., & Co., Inc., New York, N. Y. Combination combs and bandeaux for bobbed hair. 169,347; Jan. 9.
Clark, Harold D., doing business as Clark Laboratories, San Diego, Calif. Antiseptic and healing preparation. 83,962; Nov. 27.
Clark, L. H., Mfg. Co. Inc., Brooklyn, N. Y. Nightgowns. 169,891; May 1.
Clark Patent Tubing Co., Wheeling, W. Va. Paper tubes to be used with explosive powder in blasting. 175,069; Apr. 10.
Clark, Perry O., Lodi, Calif. Fresh grapes. 164,101; Feb. 20.
Clark Rubber Manufacturing Co., Franklin, Mass. Rubber outsoles, insoles, and half soles, rubber heels. 179,715; Sept. 4.
Clark Tructractor Company, Buchanan, Mich. Motor-propelled trucks. 157,136; Feb. 27.
Clark Tructractor Company, Buchanan, Mich. Tractors. 175,135; Apr. 10.
Clark, W. L. M. Incorporated, St. Louis, Mo. Braid elastic goods. 185,107; Nov. 27.
Clarke, Algernon E., Grand Rapids, Mich. Implements for weighing liquids and semisolids. 165,662; Jan. 23.
Clarke Chemical Co., The, Kansas City, Mo. Medicine for the treatment of ulcerative and diseased conditions of the mouth and throat. 169,283; Mar. 13.
Class Journal Company, New York, N. Y. Semimonthly publication. 175,385; May 22.
Classy Fabrics Company. (See Yost, Cora.)
Claverie, Leon, Paris, France. Depilatory. 177,275; Aug. 28.
Clausen-Zoller Company, The, St. Louis, Mo. Urinary antiseptic. 183,819; Dec. 18.
Clegg, Sherman D., doing business as Vinco Herb Company, Dayton, Ohio. Herb tablets for the stomach, liver, bowels, and blood. 175,070; May 22.
Clegg, William F., doing business as W. F. Clegg Cigar Company, Greensboro, N. C. Cigars. 174,195; May 29.
Cleo Products Co. (See Stoecker, William F.)
Cleveland Chemical Corporation, Wilmington, Del., and Cleveland, Ohio. Polishing materials. 176,949; Sept. 18.
Cleveland Dental Manufacturing Company, The, Cleveland, Ohio. Dental cutting tools. 162,865; Dec. 25.
Cleveland Metal Products Company, The, Cleveland, Ohio. Burner drums. 161,302; Apr. 24.
Cleveland Metal Products Company, The, Cleveland, Ohio. Burner drums. 176,951; June 19.
Cleveland Overall Company, The, Cleveland, Ohio. Overalls. 172,212; May 29.
Cleveland Radio Manufacturing Company, The, Cleveland, Ohio. Radio sets and coupling coils, condensers, detectors, etc. 162,667; July 24.
Cleveland Shopping News Company, The, Cleveland, Ohio. Newspaper. 159,409; Sept. 11.
Cleveland Steel Barrel Company, The, Cleveland, Ohio. Pump outfits for dispensing lubricants and other fluids, parts thereof, and fittings thereof. 171,063; Apr. 17.
Cleveland Twist Drill Company, The, Cleveland, Ohio. Metal-working small tools. 172,321; Feb. 27.
Cleveland Twist Drill Company, The, Cleveland, Ohio. Metal-working small tools. 174,358; Apr. 10.
Cleveland Wire Spring Company, doing business as Ohio Spring Bed Company, Cleveland, Ohio. Bed springs. 175,465–6; May 15.
Cleves, William B., doing business as Karmol Laboratory, Washington, D. C. Beauty clay. 179,655; Sept. 11.
Clifford, Charles T. H., doing business as Promo Products Co., Oakland, Calif. Carbon remover. 163,533; Apr. 10.
Clifford, Joseph A., Philadelphia, Pa. Cotton, wool, and silk hosiery. 176,013; June 19.
Clifton Laboratories. (See Reed, Charles A. L.)
Climax Hosiery Mills, Athens, Ga. Hosiery. 185,449; Dec. 4.
Clinton Copeland Co., Burlington, Iowa. Chocolate candies. 162,532; July 3.
Clinton Motors Corporation, New York, N. Y. Motor trucks. 176,536; June 12.
Clio & Cie., Inc., New York, N. Y. Shaving soaps and creams. 181,247; Nov. 20.
Clipper Belt Lacer Company, Grand Rapids, Mich. Memoranda books. 175,301; May 22.
Cliver-Wright-Rainey Co., The, Cincinnati, Ohio. Men's, women's, and children's hosiery. 182,134; Aug. 28.
Close, George, Co., The, Cambridge, Mass. Candy. 170,561; June 26.
Close, George, Co., The, Cambridge, Mass. Candy. 170,564; May 8.
Closure Service Corporation, Brooklyn, N. Y. Metal caps for bottles and jars. 181,248; Oct. 23.
Cloverleaf Knitting Mills Inc., New York, N. Y. Knitted garments. 184,067; Dec. 18.
Cloyes, Harold G., Boston, Mass. Recoil checkers. 168,102; Apr. 10.
Club Aluminum Company, The, Cleveland, Ohio. Aluminum saucepans, roasters, casseroles, waffle molds, etc. 182,087; Oct. 16.
Cluett Peabody & Company, Inc., Troy, N. Y. Handkerchiefs. 171,572; Jan. 2.
Cluett, Peabody & Company, Inc., Troy, N. Y. Handkerchiefs. 171,787; Jan. 30.
Cluett, Peabody & Company, Inc., Troy, N. Y. Collars. 176,326; Aug. 7.
Cluett, Peabody & Company, Inc., Troy, N. Y. Collars. 176,451; July 17.
Cluff, William, Co., Wilmington, Del., and San Francisco, Calif. Canned fruits and vegetables, olives, pickles, oysters, etc. 177,363; Aug. 28.
Cluff, William, Company, Wilmington, Del., and San Francisco, Calif. Laundry soap. 175,769; June 26.
Clyde Creamery Company, Clyde, N. Y. Butter. 167,290; June 5.
Coari, C. A., doing business as Coari Peanut Products Co., Chicago, Ill. Peanuts and all kinds of nut meats and nut products. 162,917; June 26.
Coast Fishing Company, Wilmington, Calif. Canned sardines. 185,919; Nov. 27.
Coast Fishing Company Incorporated, Wilmington, Calif. Canned fish. 176,327; June 26.
Coast Specialty Sales Company, Oakland, Calif. Scuff and step plates for vehicles. 180,689; Nov. 27.
Coast Tire and Rubber Company, Oakland, Calif. Rubber tires. 179,656–7; Aug. 21.
Coaster Company, Salt Lake City, Utah. Hand sleds for snow and ice, interchangeable hand sleds with wheels, and toy wagons. 176,603; June 12.
Cobb, Richard H., doing business as The Yeast-O-Mint Co., Cleveland, Ohio. Chewing gum. 155,253; July 3.
Co-Bu-Col Company. (See Prochnow, Julius R.)
Coburn, Charles H., Laconia, N. H. Compound for removing carbon from gas engines. 169,846; Feb. 6.
Cockcroft Silk Co. Inc., New York, N. Y. Silk and silk-mixed fabrics. 177,594; May 1.
Cocroft, Susanna, Laboratories, Inc., New York, N. Y. Perfume, toilet water, sachet powder, face powder, etc. 175,467–8; June 5.
Cocroft, Susanna, Laboratories Inc., New York, N. Y. Soap. 180,750; Aug. 7.
Code, George, Boston, Mass. Tonic to assist the digestion of food in the stomach. 172,663; Apr. 3.
Coffee Products Corporation, New York, N. Y. Coffee. 187,453; Dec. 18.
Cofield Laboratories, Inc., Philadelphia, Pa. Indigestion and dyspepsia remedies. 184,324; Dec. 18.
Coggins, Leslie I., San Francisco, Calif. Toilet cream. 167,972; Apr. 24.

Cohane, Sylvester T., doing business as Park Mfg. Co., Hartford, Conn. Telephone silencers. 184,122; Dec. 18.
Cohen, Abraham, Baltimore, Md. Shortening. 147,093; Oct. 16.
Cohen Company, Inc., The, Richmond, Va. Women's silk hosiery. 180,271; July 24.
Cohen & Edelman, New York, N. Y. Women's coats, skirts, knickerbockers, suits, and dresses. 170,740; June 5.
Cohen, Friedlander & Martin Co., The, Toledo, Ohio. Ladies' suits and coats. 152,003; Jan. 2.
Cohen, Harry and Charles, doing business as Biltrite Collar Co., New York, N. Y. Collars. 171,151; May 15.
Cohen, J. H., doing business as The Connecticut Automotive Specialties Co. Inc. Vacuum tank floats. 167,840; Apr. 17.
Cohen, Jacob H., doing business as Arrow Knitting Company, New York, N. Y. Sweaters and sport coats. 175,851; June 19.
Cohen, Joseph, doing business as The Princeton Club Co., Trenton, N. J. Beverages sold as soft drinks and sirups for making same. 178,331; Oct. 2.
Cohen, Joseph H., & Sons, New York, N. Y. Clothing for men. 181,246; Oct. 16.
Cohen & Kraus, New York, N. Y. Ribbons and hatbands in piece and bolts. 169,892; Mar. 20.
Cohen, Leon, doing business as United Extract Company, Philadelphia, Pa. Beverages with fruit flavors, ginger ale, cream soda, and root beer. 184,650; Oct. 30.
Cohen, Louis N., & Co., Inc., New York, N. Y. Raincoats and rainproof men's and children's clothing. 173,564; June 26.
Cohen, Montgomery B., doing business as Radio Equipment Company, Boston, Mass. Fuses, protective devices for radio apparatus, adapters, loud speakers, etc. 183,195; Nov. 20.
Cohen, Morris, doing business as Morico Manufacturing Company, New York, N. Y. Antiseptic and astringent powder. 170,519; Feb. 13.
Cohen, Nathan M., New York, N. Y. Handkerchiefs. 172,796; Mar. 20.
Cohen & Rosenberger, Inc., New York, N. Y. Bracelets and earrings. 178,224; July 10.
Cohen, S., & Son, Philadelphia, Pa. Woven jute floor rugs. 184,959; Oct. 30.
Cohn, Bennie, Los Angeles, Calif. Hosiery, suspenders, garters, arm bands, underwear, etc. 169,949; June 26.
Cohn Goldwater Company, Los Angeles, Calif. Piece goods of wool, cotton, silk, linen, and mixtures 182,567; Sept. 25.
Cohn-Goodman Co., The, Cleveland, Ohio. Ladies' suits and coats. 179,852; Sept. 11.
Cohn Hall Marx Co., New York, N. Y. Cotton piece goods and cotton and silk mixtures in the piece. 173,278; Mar. 20.
Cohn Hall Marx Co., New York, N. Y. Cotton piece goods, silk and cotton mixtures, and silk fabrics. 173,322; Mar. 20.
Cohn Hall Marx Co., New York, N. Y. Cotton piece goods. 174,655; Apr. 10.
Cohn Hall Marx Co., New York, N. Y. Cotton piece goods. 175,302; Apr. 24.
Cohn Hall Marx Co., New York, N. Y. Cotton piece goods. 179,518; Dec. 4.
Cohn Hall Marx Co., New York, N. Y. Cotton and cotton and silk mixture piece goods. 179,853; Aug. 7.
Cohn Hall Marx Co., New York, N. Y. Cotton piece goods. 180,963; July 17.
Cohn & Kaplan, New York, N. Y. Hats for women and misses. 166,039; Mar. 6.
Cohn & Kaplan, New York, N. Y. Ladies' and misses' hats. 183,908; Dec. 25.
Cohn, Léon, doing business as Les Parfums Forest, Paris, France. Perfume, toilet water, face powder, etc. 177,547; Sept. 18.
Cohn, Leon, doing business as Parfumerie Forest, Paris, France. Perfumes, toilet waters, face creams, etc. 186,217; Dec. 11.
Cohn & Rosenberger Inc., New York, N. Y. Jewelry for personal wear. 182,652; Nov. 27.
Cola Genus Company, Jacksonville, Fla. Candy. 182,332; Oct. 16.
Colburn, Philmore H., West Springfield, Mass. Liniment and preparation for increasing growth of the hair. 184,161; Nov. 27.
Colby Steel and Engineering Co., Seattle, Wash. Industrial trucks and trailers. 142,775; Apr. 3.
Colby Steel and Engineering Co., Seattle, Wash. Cranes. 157,759; Sept. 25.
Colchagoff, John, New Haven, Conn. Bulgarian yeast cream. 165,271; Jan. 2.
Cole, Albert J., doing business as Three In-One Lantern Company, Denver, Colo. Electric lanterns. 177,036; July 10.
Cole, B. E., Co., Inc. Haverhill, Mass. Leather boots and shoes. 170,055; Feb. 27.
Cole Chemical Company, St. Louis, Mo. Tonics, preparations for use in the treatment of hyperthyroidism, goiter, etc. 175,770; June 5.
Cole Manufacturing Company, Chicago, Ill. Furnaces, stoves, ranges, and heaters. 168,254; Dec. 25.
Cole Visible Gas Gauge Company, Los Angeles, Calif. Illuminating reflectors. 152,363; Feb. 6.
Cole, William H., & Co., Ltd., Painswick, England. Notions and small wares. 167,973; June 12.
Coleman and Company, Limited, Norwich, England. Liquor or liquid preparation containing malt. 140,917; Apr. 3.
Coleman and Company Limited, Norwich, England. Food preparations containing extract of meat and other ingredients. 140,919; May 8.
Coleman-Dobson-Cannon Co., Inc., Nashville, Tenn. Periodical issued weekly. 174,558; May 22.
Coleman, Harry, London, England. Woolen fabrics. 182,234; Aug. 28.
Coleman Lamp Company, The, Wichita, Kans. Gas generators. 186,695; Dec. 25.
Coles, Elizabeth M. N., New York, N. Y. Liquid and soluble combination of ingredients recommended as a hair grower. 182,400; Oct. 30.
Colfax Fruit Growers Assn., Colfax, Calif. Fresh deciduous fruits. 179,459; July 31.
Colgate & Company, Jersey City, N. J. Soap. 170,710; Jan. 23.
Colgate & Company, Jersey City, N. J. Perfumes, perfume powders, and toilet waters. 171,201; Mar. 27.
Colgate & Company, Jersey City, N. J. Soaps. 171,451; June 12.
Colgate & Company, Jersey City, N. J. Rouge. 174,290; May 29.
Colgate & Company, Jersey City, N. J. Liquid and powdered perfumes. 174,291; May 29.
Colgate & Company, Jersey City, N. J. Soap. 174,292; Mar. 20.
Colgate & Company, Jersey City, N. J. Soap for shaving. 176,250; Aug. 21.
Colgate & Company, Jersey City, N. J. Perfumes and toilet waters. 179,776–9; July 31.
Colisan Co. (See Grosse, Friedrich.)
College Inn Food Products Co., Chicago, Ill. Cooked and canned food products. 170,865; Aug. 14.
Collegian, The, Minneapolis, Minn. Neckties, cravats, scarfs, hats, caps. 148,973; Apr. 3.
Collegiate World Publishing Company, The, Chicago, Ill. Quarterly magazine. 181,730; Sept. 18.
Collier, P. F., & Son Company, New York, N. Y. Periodical issued monthly. 178,165; May 22.
Collins & Aikman Co., Philadelphia, Pa. Velvet, velour, plush, etc. 180,654; Oct. 2.
Collins Art Company, Inc., Fort Worth, Tex. Lead and zinc enamels, varnishes, and paints. 162,379; Mar. 20.
Collins Company, The, Collinsville, Conn. Pickaxes, crowbars, wrenches, tercados, mattocks, etc. 174,559; Apr. 3.
Collins Mfg. Co., Holyoke, Mass. Bond writing and printing paper. 168,836; May 15.
Colloidal Laboratories. (See Novack, Harry J.)
Colonial Brass Works, Inc., The, New Britain, Conn. Hand valves for gas, steam, and water. 177,651–2; June 12.
Colonial Biscuit Company, The, Philadelphia, Pa. Cakes. 159,410; Aug. 7.
Colonial Lamp & Fixture Works, Chicago, Ill. Electric-lighting fixtures. 173,176-7; Mar. 27.
Colonial Mush Company, Chicago, Ill. Corn-meal mush and Philadelphia scrapple. 180,964; Dec. 11.
Colonial Novelty Co., Philadelphia, Pa. Nuts. 152,740; Feb. 20.
Colonial Packing Co., Los Angeles, Calif. Canned chili tomato sauce. 180,965; Sept. 25.
Colonial Works, Brooklyn, N. Y. Wall-paper size. 179,586; Oct. 16.
Colonial Works, Brooklyn, N. Y. Paste paint and ready-mixed paint. 180,097; July 3.
Colonna, D., & Son, Union Hill, N. J. Grated cheese. 166,876; Jan. 9.
Colony Hosiery Mills, New York, N. Y. Hosiery. 153,923; May 8.
Colorado Condensed Milk Co., Fort Lupton, Colo. Evaporated and condensed milk. 178,492; Nov. 13.
Colorado Milling & Elevator Co., The, Denver, also doing business as The Ft. Collins Flour Mills, Fort Collins, Colo. Wheat flour. 163,258; Mar. 27.
Colorado Milling & Elevator Company, The, Denver, also doing business as The Eaton Flour Mills, Eaton, Colo, and as Pacific Seed House, Salt Lake City, Utah. Grass, field, and garden seeds. 166,288; Jan. 23.
Colorado Milling & Elevator Co., also doing business as The Mesa Flour Mills, Denver and Grand Junction, Colo. Wheat flour. 175,470; June 19.
Colsman, Carl, doing business as Colsman & Co., Werdohl, Germany. Household and kitchen utensils made of aluminum. 165,528; July 24.
Colson Company, The, Elyria, Ohio. Toy vehicles. 148,870; Aug. 28.
Colter & Bernie, New York, N. Y. Hosiery and underwear of knitted and textile fabric. 171,152; June 19.
Colton Brothers Company, The, Bellefontaine, Ohio. Breakfast cereals. 175,386; Aug. 7.
Colton, Geo. S., Elastic Web Co., Easthampton, Mass. Elastic webs. 144,801; Mar. 13.
Colucci, Fred. C., Ashtabula, Ohio. Confectionery in the form of frozen dainties. 166,290; Mar. 20.

Alphabetical list of trade-mark applicants—Continued.

Columbia Ave. Beauty Parlor. (See Holway, Sadie.)
Columbia Bottling Works. (See Lefas, Stephen D.)
Columbia Carbon Company, The. Dayton, Ohio. Inked ribbons. 185,006; Oct. 30.
Columbia Oil Company, Inc., St. Louis, Mo. Lubricating oils. 170,474; May 1.
Columbia Products Company. (See Thoma, Otto.)
Columbia Ribbon & Carbon Mfg. Co., New York, N. Y. Typewriter ribbons and carbon paper. 172,320; Feb. 20.
Columbia School Supply Co., Indianapolis, Ind. Chairs, benches, stools, desks, and bookcases. 184,714; Nov. 27.
Columbia Shirt Company, New York, N. Y. Dress and negligee shirts. 180,788–9; Sept. 11.
Columbia Tire Corporation, Portland, Oreg. Pneumatic and solid rubber tires for automobiles and rubber inner tubes for pneumatic tires. 182,136; Oct. 16.
Columbia Tire and Rubber Company, The, Mansfield, Ohio. Inner tubes, pneumatic, cord, and fabric tires. 171,751; Apr. 17.
Columbia Varnish Company, Los Angeles, Calif. Paints, varnishes, dry colors, paint enamels, etc. 161,972; Jan. 9.
Columbia Wax Products Co., New York, N. Y. Candles. 154,550; Jan. 2.
Columbian Rope Company, Auburn, N. Y. Rope. 161,619; Apr. 10.
Columbus Chemical Company, The, Columbus, Ohio. Ointment for burns, cuts, etc. 165,745; Dec. 4.
Columbus Chemical Company, The, Columbus, Ohio. Salve for colds, catarrh, etc. 165,746; Dec. 4.
Columbus Chemical Company, Columbus, Ohio. Headache and neuralgia powders. 165,747; Dec. 18.
Columbus Company, The, Columbus, Ohio. Gauges. 177,897; Oct. 30.
Columbus Heating & Ventilating Company, The, doing business as Buckeye Blower Company, Columbus, Ohio. Combined heater and ventilator. 168,100; Feb. 6.
Columbus McKinnon Chain Company, The, Columbus, Ohio. Tire chains. 179,031; July 24.
Columbus McKinnon Chain Company, The, Columbus, Ohio. Tire-chain fasteners. 181,673; Aug. 14.
Columbus Pile Remedy Company, The. (See Heed, Rudolph B.)
Columbus-Union Oil Cloth Co., The, Columbus, Ohio. Linoleum and oiled cloth. 181,383; Sept. 11.
Colwell Drug Company, Pawnee City, Nebr. Poultry powder. 181,012; Aug. 21.
Colwell Pharmacal Corporation, New York, N. Y. Hormone products. 170,866: Apr. 10.
Comas Cigarette Machine Company, Salem, Va. Machinery used in the manufacture of cigarettes. 168,451; Jan. 23.
Combier & Cie., Saumur, France. Beverages sold as soft drinks. 174,166; Apr. 10.
Combs, Guy A., doing business as Standard Paint Manufacturing Co., Minneapolis, Minn. Paints, varnishes, paint enamels, stains. 183,554; Oct. 23.
Comet's California Orange Drink Co., Los Angeles, Calif. Nonalcoholic, maltless orange drink. 176,452; May 15.
Comfi-Nick Corporation, The, New York, N. Y. Bloomers, step-ins, pyjamas, and pantalettes. 169,893; Feb. 13.
Comly, Flanigen Company, Philadelphia, Pa. Canned fruits, vegetables, fish, and pork and beans, etc. 162,870; Aug. 28.
Commander Mill Co., Minneapolis, Minn. Wheat flour. 176,251; Sept. 18.
Commercial Chemical Company, Memphis, Tenn. Insecticides. 179,460; Aug. 21.
Commercial Paste Co., The, Columbus, Ohio. Adhesive in the form of paste. 176,788; Apr. 10.
Commercial Truck Company, Philadelphia, Pa. Magazine issued monthly. 183,196; Sept. 11.
Commonwealth Chemical Corporation, The, New York, N. Y. Benzoate of soda, coumarin, benzoic acid, etc. 181,435; Sept. 18.
Commonwealth Color & Chemical Co., Brooklyn, N. Y. Printing inks. 179,357; July 24.
Commonwealth Color and Chemical Co., Brooklyn, N. Y. Soaps, cleaning and scouring powder. 179,358; July 24.
Commonwealth Color & Chemical Co., Brooklyn, N. Y. Fuel, lighting, heating, and lubricating oils and greases, etc. 179,359; Oct. 2.
Commonwealth Color & Chemical Co., Brooklyn, N. Y. Paint colors, sizings, etc. 179,360; Oct. 16.
Commonwealth Color & Chemical Co., Brooklyn, N. Y. Adhesive gums and sizings. 179,361; Oct. 2.
Commonwealth Color & Chemical Co., Brooklyn, N. Y. Bleaching blue, auxiliary dyeing agents, chemical specialties, etc. 179,362; Sept. 18.
Commonwealth Shoe and Leather Company, Boston, Mass. Leather boots and shoes. 178,894; Aug. 28.
Community Advertising Co. (See Serage, Francis L.)
Community Publicity Service, St. Louis, Mo. Calendars. 181,675; Nov. 13.
Compagnie Morana. (See Morana, Incorporated.)
Compania de Jarcia de Matanzas S. A., Matanzas, Cuba. Rope and twine. 179,135; Sept. 18.
Compo Bond Corporation, New York, N. Y. House organ. 177,166; Dec. 18.
Comstock-Bolton Company, Kansas City, Mo. Bottle cappers. 154,350; Mar. 20.
Comstock, Dorothy D., Boston, Mass. Collapsible baby crib. 183,909; Nov. 27.
Concentrated Products Corporation, Carlstadt, N. J., and New York, N. Y. Shampoo. 173,323; Apr. 10.
Concentrated Products Corporation, Carlstadt, N. J., and New York, N. Y. Laundry soap. 180,527; July 31.
Concentrated Products Corporation, Carlstadt, N. J., and New York, N. Y. Laundry soap. 187,150; Dec. 25.
Concordia Silk Hosiery Company, Philadelphia, Pa. Hosiery. 171,752; Sept. 18.
Concordia Silk Hosiery Company, Philadelphia, Pa. Hosiery. 172,519–20; May 22.
Concordia Silk Hosiery Company, Philadelphia, Pa. Hosiery. 172,521–2; June 5.
Concordia Silk Hosiery Company, Philadelphia, Pa. Hosiery. 172,523; June 19.
Concrete Machinery & Supply Co., Los Angeles, Calif. Concrete-mixing machines and brickmaking machines. 152,066; Jan. 16.
Condé, Perfumer, New York, N. Y. Face powders and creams, perfumes, toilet waters, rouges, etc. 175,918; May 29.
Condit, Park N., Boston, Mass. Ammoniacal silver nitrate solution, formalin, silver-nitrate stain remover, etc. 167,225; Jan. 9.
Condrajian, Aram K., Fresno, Calif. Salves and pills used in the treatment of piles. 180,328; Aug. 28.
Cone Company of America, Long Island City, N. Y. Ice-cream cones. 158,819; Aug. 14.
Coney-Cone Company, The. (See Goodwin, Harry L.)
Confection Products Inc., Jersey City, N. J. Chocolate-covered candy bar. 185,818; Nov. 27.
Con-Ferro Paint & Varnish Co., St. Louis, Mo. Ready-mixed paints, varnishes, stains, and paint enamels. 171,258; Feb. 13.
Conley, Frederick T., doing business as Symbolox Box Co., South Boston, Mass. Toothbrush containers. 175,771; Apr. 17.
Conley, Guy C., Spokane, Wash. Parlor board game played with pieces. 178,714; Aug. 21.
Connaught Antitoxin Laboratories, University of Toronto, Toronto, Ontario, Canada. Pancreatic products for the treatment of diabetes. 168,919; Jan. 2.
Connaught Antitoxin Laboratories, University of Toronto, Toronto, Ontario, Canada. Substance which will effect the combustion of the carbohydrates in the animal body and remove the symptoms of diabetes mellitus. 168,919; June 26.
Connecticut Automotive Specialties Co. Inc. (See Cohen, J. H.)
Connecticut Telephone & Electric Company, Incorporated, The, Meriden, Conn. Electron tubes, sockets for electron tubes, rheostats, etc. 176,400; May 29.
Conner, Geo. W., Boston, Mass. Metal-fixture canopies 174,234; May 29.
Conniff, Harry, doing business as Angeles Packing Company, Seattle, Wash. Canned salmon. 170,566; May 1.
Connolly, Henry G., Los Angeles, Calif. Aromatic oils for the treatment of disorders of the throat, lungs, etc. 176,952; June 12.
Connolly, Ira, doing business as Empire Chemical Co., Hanna, W. Va. Liniment. 171,485; Mar. 13.
Connor, James R., Pittsburgh, Pa. Envelopes and letterheads. 175,419; Apr. 10.
Con-O-Lite Corporation, Cortland, N. Y. Burial vaults. 176,072; Apr. 17.
Conrad, Henry W., Momence, Ill. Bread, rolls, and buns. 166,043; Jan. 9.
Conroy, Harry E., doing business as Edco Manufacturing Co., Wilkes-Barre, Pa. Repair patches for pneumatic tubes. 160,582; Jan. 2.
Conservative Chemical Products Company. (See Rosenberg, Kate F.)
Consolidated Accessories Manufacturers Corporation, Frederick, Md. Pumps. 149,214; Jan. 9.
Consolidated Cigar Corporation, New York, N. Y. Cigars. 183,734; Sept. 11.
Consolidated Co.—Coal Division, Inc., Chicago, Ill. Coal. 186,105; Dec. 4.
Consolidated Electric Company, Chicago, Ill. Electric fans. 186,946; Dec. 4.
Consolidated Iron-Steel Manufacturing Company, The, Cleveland, Ohio. Oil-lamp stoves. 161,235; Jan. 2.
Consolidated Hat Co., New York, N. Y. Misses' and children's hats. 181,674; Sept. 11.
Consolidated Mills Company. (See Alfocorn Milling Company.)
Consolidated Mining and Smelting Company of Canada, Limited, The, Trail, British Columbia, Canada. Lead, zinc, copper, gold, silver, antimony, and iron. 158,417; Aug. 7.
Consolidated Products Co. (See Leavitt, Peter M.)
Consolidated Products Co., Chicago, Ill. Concentrated buttermilk. 177,364; Sept. 18.
Consolidated Rendering Co., Boston, Mass. Oleo, oleo oil, and shortening. 162,723; May 8.
Consolidated Rendering Company, Boston, Mass. Oleo, oleo oil, and shortening. 175,187; Sept. 18.
Consolidated Steel Corporation, New York, N. Y. Fabricated structural steel and reenforcing bars for concrete construction. 155,485; Mar. 13.

Consolidated Steel Corporation, New York, N. Y. Certain articles of iron or steel, wrought and unwrought. 155,486; Mar. 20.
Consolidated Steel Corporation, New York, N. Y. Planers, boring, milling, and drilling machines, presses, etc. 155,487; Mar. 20.
Consolidated Steel Corporation, New York, N. Y. Vehicle axles and wheels, mounted wheels, and metal tires. 162,982; Mar. 13.
Consolidated Steel Corporation, New York, N. Y. Black and galvanized sheets and tin plate. 167,935; Mar. 20.
Consolidated Textile Corporation, New York, N. Y. Cotton crepe, printed, woven, and in plain colors. 170,808; Jan. 30.
Consolidated Textile Corporation, New York, N. Y. Unbleached sheeting. 172,031; July 24.
Consolidated Textile Corporation, New York, N. Y. Cotton piece goods. 181,558; Aug. 7.
Consolidated Textile Corporation, New York, N. Y. Mercerized cotton piece goods. 181,559; Sept. 4.
Consolidated Tool Works, Inc., New York, N. Y. Hack-saw frames and coping-saw frames. 176,883; May 29.
Consolvo Manufacturing Company, Inc., South Norfolk, Va. Chemical used as a flux for the preparation of an antirusting soldering solution. 172,644; Apr. 24.
Consolvo Manufacturing Co., Inc., South Norfolk, Va. Paint and varnish remover. 181,475; Oct. 2.
Consumers Biscuit Company, New Orleans, La. Molded sugar candy in the shape of chickens rabbits, and eggs. 164,232; Jan. 9.
Consumers Biscuit Company, New Orleans, La. Candy. 176,164; Sept. 25.
Consumer's Home Oil Company, Lidgerwood, N. Dak. Lubricating oils and greases and specialty oils, such as flood oils, etc. 157,209; Feb. 13.
Continental Ampower Company. (See Jester, Jerome K.)
Continental Auto Parts Company, Columbus, Ind. Spring shackle and other bolts, nuts, and metal washers. 170,475: June 19.
Continental-Caoutchouc-und Gutta-Percha-Compaignie, Hanover, Germany. Solid and pneumatic tires, inner tubes, tire valves and treads, etc. 172,977; June 19.
Continental Car Company of America, Louisville, Ky. Commercial truck bodies, dump, mine, quarry, and industrial car bodies. 170,008; Feb. 20.
Continental Car Company of America, Louisville, Ky. Automobile and truck bodies, cabs, motor busses, etc. 171,203; May 1.
Continental Chemical Corporation, Watseka, Ill. Waxes and wax stains. 173,913; Feb. 27.
Continental Drug & Chemical Co., Incorporated, El Paso, Tex. Bay rum borax powder, carbolic acid, etc. 150,995; Feb. 27.
Continental Drug Corporation, St. Louis, Mo. Toilet articles and preparations. 170,056; Feb. 6.
Continental Fibre Company, The, Newark, Del. Composite material. 174,236; July 17.
Continental Mills, Inc., Philadelphia and Germantown, Pa. Woolen fabrics in the piece. 181,731–2; Aug. 7.
Continental Packing Corporation. (See American Cone and Pretzel Company.)
Continental Radio & Electric Corporation, New York, N. Y. Radio transmitting and receiving sets and parts thereof, vacuum cleaners, etc. 175,712; Sept. 4.
Continental Rock Asphalt Company, Kansas City, Mo. Rock asphalt. 173,178; Dec. 11.
Continental Roofing & Manufacturing Co., The, Highlandtown, Baltimore, Md. Green mineral surface roofing. 180,049; Sept. 4.
Continental Roofing & Manufacturing Co., The, Highlandtown, Baltimore, Md. Asphalt mineral surface roofing. 180,050; Sept. 4.
Continental Roofing & Manufacturing Co., The, Highlandtown, Baltimore, Md. Roofing material. 180,051; Sept. 4.
Continental Roofing & Manufacturing Co., The, Highlandtown, Baltimore, Md. Roofing material. 180,052; Nov. 13.
Continental Rubber Company of New York, New York, N. Y. Unvulcanized Guayule rubber. 174,427; Apr. 24.
Continental Watch and Jewelry Co. (See Goldin, Meyer.)
Continental Wood Screw Co., New Bedford, Mass. Wood screws. 184,280; Sept. 25.
Contra Chemical Co. (See Schmidt, Frank P.)
Controllograph Co., The, Los Angeles, Calif. Ticket printing, registering, issuing, adding, etc., machines. 172,978; Mar. 6.
Cook, A. J., & Co., Inc., Memphis, Tenn. Prepared Portland cement stucco finish. 183,555; Oct. 30.
Cook, Annie F., Richmond, Va. Cooked foods. 167,802; Sept. 18.
Cook, Clyde W., Los Angeles, Calif. Adhesive for bandaging. 178,827; Sept. 11.
Cook Electric Company, Chicago, Ill. Electrical and telephone apparatus. 152,785; Nov. 20.
Cook Electric Company, Chicago, Ill. Nutcrackers. 186,317; Dec. 25.
Cook, Ellen T., Buffalo, N. Y. Emollient for treating feet. 173,701; Aug. 21.
Cook, Jerome I., doing business as Research Advertising Bureau, St. Louis, Mo. Blank-form books. 176,165; June 19.
Cook Medical Co. (See Sylvester, Wilber.)
Cook & Swan Company, Inc., New York, N. Y. Animal, fish, and vegetable oil for industrial purposes. 179,658; Oct. 23.
Cook, W. C., & Co., Clovis, Calif. Stuffed figs. 183,053; Sept. 18.
Cooke, Harry S., doing business as Presto Fire Extinguisher Company, Beacon, N. Y. Dry-powder tube fire extinguisher. 179,295; July 24.
Cooknut Corporation, The, Baltimore, Md. Vegetable lard substitute. 175,650; June 26.
Cooknut Corporation, The, Baltimore, Md. Vegetable lard substitute. 175,651; May 15.
Cooknut Corporation, The, Baltimore, Md. Cottonseed oil. 175,652; May 15.
Cooper, Davidson & Klein Cap Company, St. Louis, Mo. Men's, boys', and children's caps. 171,486; Sept. 4.
Cooper, H. H., & Co., Inc., Utica, N. Y. Suits, topcoats, and ulsters for men. 174,560; July 10.
Cooper, John H., Stouchsburg, Pa. Leaf tobacco and the products for smoking and chewing. 173,914; Mar. 13.
Cooper, Milton G., Dry Goods Co., Los Angeles, Calif. Dresses, aprons, hosiery, etc. 180,844; Oct. 2.
Cooper, Milton G., Dry Goods Co., Los Angeles, Calif. Knitted bathing suits. 182,137; Aug. 28.
Cooperman, Harry, Chicago, Ill. Baby wear, bath robes, jackets, and baby buntings. 176,115; Sept. 18.
Coops Bros., Sonoma, Calif. Fresh deciduous fruits. 181,881; Sept. 4.
Coors, Adolph Company, Golden, Colo. Dried or desiccated milk. 162,668; June 26.
Copperstone Products Co., The, Toledo, Ohio. Mineral aggregate as ingredients for road surfacing, pavements, floors, etc. 177,277; June 5.
Copps Co., The., Stevens Point, Wis. Canned vegetables, peanut butter, corn meal, etc. 165,916; Jan. 30.
Corby Baking Company, The, Washington, D. C. Bread. 94,532; Apr. 3.
Corby Baking Company, Inc., The, Washington, D. C. Bread. 167,291; Mar. 20.
Corby Baking Company, Inc., The, Washington, D. C. Bread. 167,292; June 5.
Corby Baking Company, Inc., The, Washington, D. C. Bread and cake. 167,294; Nov. 6.
Cord Tire Corporation, The, Chester, W. Va. Automobile tire casings. 167,712; Apr. 17.
Cord Tire Corporation, Chester, W. Va. Automobile rubber-tire casings. 181,635; Aug. 14.
Corenson, Abe, Los Angeles, Calif. Combination head dress and waistband for dolls. 179,840; June 19.
Cori, John B., doing business as United States Remedy Co., Jacksonville, Fla. Disinfectants. 181,013; Oct. 23.
Corle, Elisha L., Hutchinson, Kans. Phonograph. 164,157; Aug. 21.
Corlear Products Co. Inc., The, New York, N. Y. Varnish restorer. 172,466; Feb. 13.
Corn Products Refining Co., New York, N. Y. Edible corn oil. 171,487; May 1.
Corn Products Refining Company, New York, N. Y. Sirup for food purposes. 178,593–6; Oct. 2.
Corn Products Refining Company, New York. Edible oil. 180,272; Oct. 16.
Corning Glass Works, Corning, N. Y. Glass teapots. 171,413; Apr. 10.
Corning Glass Works, Corning, N. Y. Nursing bottles. 173,405; Mar. 20.
Corning Ice & Bottling Works, Corning, Calif. Nonalcoholic, maltless beverage used as a soft drink. 173,624; Mar. 13.
Corona Foothill Lemon Company, Corona, Calif. Fresh lemons. 164,865–6; Feb. 13.
Coronado Fish Co. (See Petrich, Paul.)
Corrado & Marranzini, New York, N. Y. Olive oil. 164,493; June 5.
Corrugated Bar Company, Inc., Buffalo, N. Y. Metal rods, bars, stirrups, etc., for reenforcing concrete, metallic lathing and studding, etc. 148,647; Aug. 14.
Corse, G. H., jr., doing business as George H., Corse, Jr & Co., San Francisco, Calif. Canned fruits. 184,436; Oct. 23.
Corso, Vincent M., doing business as The Hare Manufacturing Company, Hartford, Conn. Hair tonics. 176,454; July 10.
Corson Shoe Manufacturing Company, Ltd., Toronto, Ontario, Canada. Boots and shoes of leather. 171,205; July 3.
Corticelli Silk Company, The, Florence, Northampton, Mass. Silk, artificial silk, and silk and cotton piece goods. 170,624; Oct. 30.
Corticelli Silk Company, Florence, Northampton, Mass. Silk fabrics. 180,590; July 17.
Corticelli Silk Company, Florence, Northampton, Mass. Silk threads and threads of cotton and silk. 184,384; Oct. 2.
Corticelli Silk Company, The, Florence, Northampton, Mass. Hosiery. 184,385; Oct. 16.
Corticelli Silk Company, The, Florence, Northampton, Mass. Silk fabric. 184,388–9; Oct. 16.
Corticelli Silk Company, The, Florence, Northampton, Mass. Silk fabrics. 184,391; Oct. 16.

Alphabetical list of trade-mark applicants—Continued.

Cortland Line Co. Inc., Cortland, N. Y. Silk fishing lines. 164,386; Aug. 21.
Cortland Line Co., Inc., Cortland, N. Y. Shoe laces. 169,950; Jan. 30.
Cortright Coal Company, Philadelphia, Pa. Coal. 157,475; Apr. 17.
Cosin, Joseph J., doing business as The Cosin Co., New York, N. Y. Powder puffs. 177,167; June 19.
Cosmos Laboratory. (See Barna, Nicholas.)
Coston, Edward C., Skidmore, Mo. Machine for forcing gears or other articles from shafts and cylinder-boring machines. 150,800; Jan. 30.
Cotera, Francisco, doing business as The Cotera Brothers, El Paso, Tex. Coffee. 168,208; July 3.
Cott-a-lap Company, The, Somerville, N. J. Advertising signs. 181,980; Sept. 4.
Cotter, R. E., Company, San Francisco, Calif. Canned vegetables, fruits, and fish. 166,044; Jan. 16.
Cotter, R. E., Co., San Francisco, Calif. Canned fish, fruits, and vegetables. 180,209; Aug. 14.
Cotton Belt Manufacturing Company, Rocky Mount, N. C. Mattresses. 172,829; July 24.
Coty, Francois J. de S., Suresnes, France. Perfumes, toilet waters, face powders, sachet powders, etc. 169,238; June 5.
Coty, Inc., New York, N. Y. Perfumes. 175,920; May 29.
Coty, Inc., Wilmington, Del., and New York, N. Y. Perfumes, toilet water, face, sachet, and talcum powder, etc. 180,099; Sept. 4.
Coty, Inc., Wilmington, Del., and New York, N. Y. Perfumes, toilet water, and eau de Cologne. 180,100; Dec. 18.
Coty, Inc., Wilmington, Del., and New York, N. Y. Perfumes, toilet water, face powder, etc. 180,101; Nov. 20.
Coty, Inc., Wilmington, Del., and New York, N. Y. Perfumes. 180,102; Dec. 18.
Coty, Inc., Wilmington, Del., and New York, N. Y. Perfumes, toilet water, face powder, etc. 180,103; Dec. 18.
Coty, Inc., Wilmington, Del., and New York, N. Y. Perfumes, toilet water, face powder, etc. 180,104; Aug. 14.
Coty, Inc., Wilmington, Del., and New York, N. Y. Toilet soaps. 180,106; Dec. 18.
Coty, Inc., Wilmington, Del., and New York, N. Y. Perfume, toilet water, face and talcum powder, etc. 180,107; Dec. 11.
Couch, Ralph F., Washington, D. C. Monthly publication. 175,544; May 1.
Couch, Ralph F., Washington, D. C. Section of a daily publication. 175,545; Mar. 27.
Coudurier, Tructus & Descher, Lyon, France. Fabrics of silk. 151,613; Oct. 30.
Coudurier Tructus & Descher, Lyon, France, and New York, N. Y. Silk and silk and cotton velvets in the piece. 174,357; Mar. 6.
Coudurier, Tructus & Descher, Lyon, France, and New York, N. Y. Velvets in the piece. 177,548; Aug. 28.
Cough Checker Company, Newburgh, N. Y. Cough medicine. 180,363; Sept. 18.
Cough King Co., The, Oakland, Md. Preparation for the treatment of coughs and colds. 168,958; Jan. 2.
Coughlin, Frank R., New York, N. Y. Sized gold leaf, imitation-gold leaf, and silver leaf. 158,075; Feb. 27.
Coulapides, A., Inc., New York, N. Y. Cigarettes and tobacco. 184,392; Nov. 20.
Coulson, Chas. H., doing business as Coulson Heel Company, Hanover, Pa. Shoe heels. 172,262; Apr. 24.
Coulter, Maud D., Los Angeles, Calif. Bread, biscuits, cake, cookies, cinnamon rolls, etc. 173,180; May 1
Council on Foreign Relations, Inc., New York, N. Y. Quarterly review. 169,348; Mar. 6.
Country Club Soda Co., Inc., Springfield, Mass. Cream soda, birch beer, ginger ale, lemon soda, etc. 173,406; Feb. 20.
County Editor Publishing Company, The. (See Randolph, Teasdale.)
County Golf Company, The. (See Hill, Wilfrid.)
Courtney, William P., doing business as Courtney's Red Top Soda Water Co., Oakland, Calif. Soda water. 181,062; July 10.
Cousar, John G., and John G. Barron, Fort Lawn, S. C. Mechanical insect exterminators. 167,672; Dec. 18.
Cover, Thomas, jr., doing business as Cover & Company, Philadelphia, Pa. Sole leather. 186,630; Dec. 25.
Coverdale & Bruebaker, Sioux City, Iowa. Sherbet bars. 168,633; May 15.
Covington, John W., Chicago, Ill. Tooth paste. 173,811; Apr. 10.
Cowen, Bernard W., Corp., New York, N. Y. Packages or outfits containing materials for making lamp shades, telephone screens, etc. 166,285–6; Dec. 18.
Cowen, M. H., Manufacturing Company, Chicago, Ill. Workingmen's shirts. 168,452; Dec. 18.
Cowiche Creamery, Cowiche, Wash. Butter, cheese. 173,565; July 31.
Cowles, George W., doing business as Cowles Canning Company, Mound City, Ill., and Bardwell, Ky. Canned tomatoes. 180,752; Sept. 25.
Cox, Abram, Stove Company, Philadelphia, Pa. Coal stoves and ranges. 165,619; Mar. 13.
Cox, Abram, Stove Company, Philadelphia, Pa. Gas and coal stoves, ranges, and furnaces. 181,733; Oct. 23.
Cox Brass Manufacturing Company, Albany, N. Y. Bumpers, bumper brackets and fittings. 162,203–4; Apr. 17.
Cox Brass Manufacturing Company, Albany, N. Y. Automobile bumpers, bumper brackets, and fittings, etc. 162,806; Apr. 17.
Cox, Winfield, F., Burgin, Ky. Brooms. 122,932; Feb. 13.
Coy, Hunt and Company, New York, N. Y. Paper. 168,921; Jan. 2.
Coy, Hunt and Company, New York, N. Y. Paper. 179,399; June 12.
Coykendall, H. G., doing business as Coykendall, Inc., San Francisco, Calif. Dried fruits. 184,599; Oct. 30.
C-R Millinery Co., Chicago, Ill. Misses' and ladies' hats. 171,905; Apr. 10.
Craddock Terry Company, Lynchburg, Va. Women's shoes. 171,906; Apr. 24.
Craddock-Terry Co., Lynchburg, Va. Shoes. 177,278; Aug. 7.
Craig, Stephen, Company, Newport, R. I. Prophylactic ointment. 176,001; June 26.
Cramer, C. N., Co., Ashland, Wis. Brooms. 174,891; Apr. 17.
Cramp, William, & Sons Ship & Engine Building Co., The, Philadelphia, Pa. Gears and gear blanks. 154,962; Aug. 14.
Cramp, William, & Sons Ship & Engine Building Co., The, Philadelphia, Pa. Turbines, pumps, etc. 185,960; Dec. 25.
Cramp, William, & Sons Ship & Engine Building Co., The, Philadelphia, Pa. Turbines, pumps, hydraulic turbines, etc. 186,036; Dec. 25.
Crampton, John, & Co., Ltd., Manchester, England. Canned fish, preserved fruits, and vegetables. 183,255; Oct. 23.
Crane Chocolate Company, The, Cleveland, Ohio. Fruit cake. 167,974; Sept. 18.
Crane, Clarence A., doing business as Crane Chocolate Company, Cleveland, Ohio. Candy. 183,023; Oct. 16.
Craven, Horace G., doing business as Bouillonized Peanut Company, Philadelphia, Pa. Peanuts prepared with meat sauce. 158,815; July 10.
Crawford Farms, Incorporated, Millbrook, N. Y. Cheese. 168,025; Apr. 3.
Crawford Farms, Incorporated, Millbrook, N. Y. Cheese. 168,026; Mar. 27.
Crawford, Marion L., Malvern, Ohio. Screen scratcher and rubber for use in making bricks, tiles, etc. 173,813; July 3.
Crawford, McGregor & Canby Company, The, Dayton, Ohio. Golf clubs and balls. 159,558; Jan. 9.
Crawford, McGregor & Canby Company, The, Dayton, Ohio. Golf clubs. 171,613; Jan. 2.
Crawford McGregor & Canby Company, Dayton, Ohio. Golf clubs. 171,614; Mar. 13.
Crawford, McGregor & Candy Company, The, Dayton, Ohio. Golf clubs. 171,616; Jan. 2.
Crawford, McGregor & Canby Company, The, Dayton, Ohio. Golf balls. 171,617. Jan. 30.
Crawford, McGregor & Canby Company, The, Dayton, Ohio. Golf clubs. 171,620–1; Jan. 2.
Crawford, McGregor & Canby Company, The, Dayton, Ohio. Golf clubs. 171,622; Feb. 20.
Crawford, McGregor & Canby Company, The, Dayton, Ohio. Golf clubs. 171,623; July 3.
Crawford, McGregor & Canby Company, The, Dayton, Ohio. Golf clubs. 171,625; Jan. 2.
Crawford, McGregor & Canby Company, The, Dayton, Ohio. Golf clubs. 171,627–9; Jan. 2.
Crawford McGregor & Canby Company, The, Dayton, Ohio. Golf clubs. 183,556; Oct. 16.
Cream Balm Company, The, Jersey City, N. J. Medicinal compound for the treatment of catarrhal diseases of the head. 170,626; May 22.
Creamery Package Mfg. Company, The, Chicago, Ill. Dairy, creamery, milk-plant, etc., machinery and appliances. 167,601–3; Dec. 25.
Credo Check Company, The. (See Bender, Edwin S.)
Creed, W. S., doing business as W. S. Creed Company, Roanoke, Va. Alimentary products and pastes, spaghetti, macaroni, etc. 178,494; Sept. 25.
Crell, Albert P., Grand Rapids, Mich. Bumpers for automobiles. 166,434; Jan. 9.
Creme-Petrol Company. (See Neiswender, Leslie W.)
Crenshaw & Horne, Augusta, Ga. Preparation for use in the treatment of tuberculosis. 183,820; Dec. 4.
Creolin Co., The, Rahway, N. J. Chemical substance used as a wood preserver. 169,847; Jan. 9.
Crescent Belt Fastener Company, New York, N. Y. Rivets. 169,200; Dec. 11.
Crescent Belt Fastener Company, New York, N. Y. Extractors and belt clamps. 169,201; Dec. 11.
Crescent Creole Candy Co. Inc., New Orleans, La. Candy. 130,160; Mar. 6.
Crescent Rubber Specialty Company. (See Breit, Antol M.)
Crescent Washing Machine Company, Incorporated, New Rochelle, N. Y. Dishwashing machines and metal-parts-washing machines. 177,168; Aug. 7.
Cresta Blanca Punch Co. (See O'Brien, E. J.)
Crippen & Reid, Baltimore, Md. Boys' suits. 183,198; Oct. 9.

Criterion Laboratories, The. (See Phelps, Walter H.)
Crocker & Morse, Inc., Bridgewater, Mass. Boots and shoes. 177,169; May 22.
Crofut & Knapp Co., The, South Norwalk, Conn. Caps and hats. 176,253; Aug. 7.
Crofut & Knapp Co., The, South Norwalk, Conn. Caps and hats of felt, straw, silk, etc. 176,329; July 31.
Cromwell, Robert H., doing business as Southern California Cosmetic Mfg. Co., Los Angeles, Calif. Preparation for imparting a glossy appearance to the hair. 176,074; June 12.
Cromwell, Robert H., doing business as Normany Products Co., Los Angeles, Calif. Preparation for imparting a glossy appearance to the hair. 181,734; Nov. 6.
Cron Company, The, Piqua Ohio. Furniture. 167,041; Feb. 27.
Crooker & Morse, Inc., Bridgewater, Mass. Boots and shoes. 177,428; July 10.
Crooks Brothers Millinery Company, Quincy, Ill. Ladies' and children's hats. 184,937; Dec. 25.
Crosley Manufacturing Company. (See American Automobile Accessories Company.)
Cross, Charles, San Francisco, Calif. Prints and publications. 177,476; Nov. 20.
Cross, Henry H., Company, Chicago, Ill. Gasoline, naphtha, kerosene, fuel oils, etc. 174,294; Feb. 27.
Cross, Henry H., Company, Chicago, Ill. Motor oil. 175,189; May 1.
Cross, Walter B., Denver, Colo. Relishes and condiments, in the form of dressings and sauces, sandwiches, hash, etc. 173,814; Aug. 7.
Crow Blacking Co. (See Capen, George H.)
Crow Specialties Company. (See Capen, George H.)
Crowley, Charles H., New York, N. Y. Safety pins. 185,074; Nov. 27.
Crowley, Charles H., New York, N. Y. Snap fasteners. 185,075; Nov. 27.
Crown Bottling Works. (See May, C. Edward.)
Crown Brewing Co., The, Cincinnati, Ohio. Malt or cereal beverage and malt sirup for making same. 179,032; June 19.
Crown Chemical Company, The, (now by change of name Boncilla Laboratories, Incorporated), Indianapolis, Ind. Facial-pack cold cream, vanishing cream, face powder, etc. 176,669; Oct. 23.
Crown Chemical Company, The (now by change of name Boncilla Laboratories, Incorporated), Indianapolis, Ind. Facial pack. 176,670; Oct. 23.
Crown Chemical Company, The (now by change of name Boncilla Laboratories, Incorporated), Indianapolis, Ind. Facial pack. 176,671; Oct. 30.
Crown Die and Tool Company, Chicago, Ill. Dies, bench pipe vises, post pipe vises, etc. 181,818; Sept. 11.
Crown Manufacturing Company, Phelps, N. Y. Cider mills and fruit presses. 170,809; Feb. 20.
Crown Radio Mfg. Corp., New York, N. Y. Radio electric apparatus. 184,202; Dec. 4.
Crown Shock-Absorber Co., Houston, Tex. Shock absorbers. 167,224; Feb. 20.
Crown Tartarex Co., Inc., New York, N. Y. Catarrh jelly. 170,929; Mar. 20.
Crown Tartarex Co., Inc., New York, N. Y. Tooth paste and tonic for the gums. 170,930; Mar. 20.
Crown Williamette Paper Company, San Francisco, Calif. Paper bags. 182,401; Sept. 4.
Crozer, John P., doing business as Samuel A. Crozer & Son, Upland, Pa. Cheviots in the piece. 171,488; Jan. 2.
Crozer, Samuel A., & Son. (See Crozer, John P.)
Cruikshank Brothers Company, Pittsburgh, Pa. Chili sauce, salad dressings, cider and white vinegar, apple butter, etc. 172,665; Jan. 9.
Crumley, C. V., doing business as Tubetite Manufacturing Company, Tacoma, Wash. Compound for preventing punctures in pneumatic tires. 176,606; Apr. 10.
Crutcher, Edwin, doing business as Golden Arrow Hosiery Mills, Nashville, Tenn. Hosiery. 178,958; July 10.
Crysler, J. M., Co., Boston, Mass. Dress, negligee, and work shirts, blouses, and sweaters. 168,207; Jan. 9.
Crystal Candy Co., Winston-Salem, N. C. Candy. 157,476; Jan. 2.
Crystal Candy Co., Winston-Salem, N. C. Candy. 162,872; Feb. 20.
Crystal Chemical Co. (See Thompson, Zola.)
Crystal Chemical Co. Inc., The, New York, N. Y. Powder for nursery and toilet use. 178,554; July 10.
Crystal Chemical Company. (See Sterrick, Harrison D.)
Crystal Petroleum Products Corporation. (See Abbott, Frederick J.)
Crystal Waxing Company, The. (See Shelby Wax Paper Company, assignor.)
Crystal Window Cleaner. (See Wenger, Aaron.)
Crysto Soap Co., Aurora, Ill. Mineral soap. 166,652; Feb. 13.
Cudahy Packing Company, The, Chicago, Ill. Shortening compound. 161,031; Feb. 27.
Cudahy Packing Company, The, Chicago, Ill., and South Omaha, Nebr. Smoked and canned meats, fresh sausage, and extract of beef. 165,782; Jan. 2.
Cudahy Packing Company, The, doing business as Cudahy Soap Works, Chicago, Ill., and South Omaha, Nebr. Toilet soap. 168,146; Feb. 27.
Cudahy Soap Works. (See Cudahy Packing Company, The.)
Cullander Machinery Co., Belzoni, Miss. Cotton trampers. 182,334; Oct. 9.
Cultivator Publishing Company, Los Angeles, Calif. Weekly periodicals. 180,421; Aug. 7.
Cumberland Chemical Co., Nashville, Tenn. Proprietary medicinal preparations. 170,428; May 29.
Cumberland Chemical Co., Nashville, Tenn. Proprietary medicinal preparations. 170,429; Apr. 24.
Cumberland Chemical Co., Nashville, Tenn. Tonic compound. 178,166; July 10.
Cumberland Chemical Co., Nashville, Tenn. Tablets and a salve for hemorrhoids. 178,167; July 10.
Cumberland Chemical Co., Nashville, Tenn. Tonic for treating nervous debility and diseases of the nerves. 178,225; Oct. 9.
Cummings & Johnson, Salt Lake City, Utah. Card game. 180,528; July 31.
Cummins, Charles C., Columbus, Ohio. Dentifrice. 171,452; Sept. 11.
Cumpson-Doelman, Inc., Buffalo, N. Y. Canned vegetables, cocoa, rice, etc. 179,520; Oct. 16.
Cunningham, Charles A., doing business as Abe Lincoln Post Card Co., Washington, D. C. Picture post cards. 170,629; Jan. 2.
Cunningham, Edw. P., Inc., New York, N. Y. Men's hats. 181,514; Sept. 11.
Cunningham, Elmer T., San Francisco, Calif. Radio apparatus. 153,200; June 26.
Cunningham, Elmer T., San Francisco, Calif. Thermionic detector, amplifier, and oscillator tubes. 178,957; June 26.
Cunningham, Joseph A., Philadelphia, Pa. Newspaper cartoon section. 178,959; June 26.
Cupples Company Manufactures, St. Louis, Mo. Rubber jar rings. 172,584; May 8.
Cupples Company Manufacturers, St. Louis, Mo. Golf balls. 183,823; Dec. 4.
Curran, J. E., Corporation, New York, N. Y. Dandruff remedy. 165,985; Jan. 2.
Curran, J. E., Corporation, New York, N. Y. Dandruff remedy, toilet and skin preparation. 168,515; Jan. 23.
Curtis, A. L., Atlanta, Ga. Internal and injective remedies for gonorrhea. 181,981; Sept. 25.
Curtis Corporation, The, Wilmington, Del., and Long Beach, Calif. Canned ripe olives and canned fish. 171,305; Aug. 14.
Curtis Emma E., Melrose, Mass. Semiliquid or viscous preparation for use as a frosting, icing, etc. 180,753; Oct. 16.
Curtis, J. G., Leather Company, Ludlow, Pa. Leather insoles. 174,074; May 22.
Curtis & Jones Company, Reading, Pa. Shoes. 171,414; Apr. 10.
Curtis Publishing Company, The, Philadelphia, Pa. Agricultural journal issued weekly. 166,651; Feb. 27.
Curtis Shoe Company, Marlboro and Boston, Mass. Boots and shoes made wholly or in part of leather. 169,703; Mar. 13.
Curtiss, Lloyd, assignor to Service Sales Agency, Newark, N. J. Crystallized sweet pickles in bottles. 165,913; Mar. 27.
Cusack, Thomas, Company, Chicago, Ill. Mechanical advertising, illuminated structural, painted board, and painted wall signs. 164,234; Feb. 6.
Cusack, Thomas, Company, Chicago, Ill. Electrically-illuminated signs. 177,217; Oct. 9.
Cushman Drug Co. (See Adams, Thomas H.)
Cushman's Sons, Inc., New York, N. Y. Cakes. 171,415; Mar. 13.
Cushman's Sons, Inc., New York, N. Y. Bread. 173,073; Dec. 11.
Custer, John A., doing business as Telltale Hosiery Co., Lonsdale, Pa. Hosiery. 178,227; July 10.
Cuthbert, Richard G., doing business as Globe Radio Mfg. Co., New York, N. Y. Radio receiving and transmitting sets. 173,956; July 10.
Cutino Company, The, Kansas City, Mo. Toilet articles—namely, puff boxes, hair receivers, and jewel boxes, 173,407; June 19.
Cutino Company, The, Kansas City, Mo. Toilet mirrors and ornamental picture frames. 178,223; June 19.
Cutino Company, The, Kansas City, Mo. Toilet combs. 178,229; Aug. 21.
Cutino Company, The, Kansas City, Mo. Hairbrushes. 178,230; June 19.
Cutrer, Bennie B., doing business as Blu-Ribon Ice Cream Co., Baton Rouge, La. Ice cream, sherbet, ices, and frozen dainties. 156,188; Mar. 13.
Cutter Electrical and Manufacturing Company, The, Philadelphia, Pa. Electrical switches, circuit breakers, etc. 179,928; July 31.
Cyganiewicz, John, Chicago, Ill. Ladies' hand bags and pocketbooks. 175,071; Apr. 24.
Czechoslovak Art Shop Inc., Newark, N. J., and New York, N. Y. Chinaware. 172,032; May 15.
D-A Lubricant Company, Inc., Indianapolis, Ind. Motor and tractor lubricating oils. 171,225; Jan. 9.
D. & L. Manufacturing Co., Inc., New York, N. Y. Stop-signal lamp for use on vehicles. 168,516; Feb. 20.
D. & N. Drug Co., Fort Wayne, Ind. Lotion for chapped hands. 168,356; Jan. 9.

Alphabetical list of trade-mark applicants—Continued.

Daarnhouwer & Co., Inc., New York, N. Y. Cocoa beans and butter, coffees, spices, and desiccated coconut. 165,487; Sept. 25.
Dabner, Jess E., Petaluma, Calif. Transparent dressing for painted and varnished surfaces and glass. 183,873; Oct. 2.
Dabrasky, Apolinars, New York, N. Y. Insect powder. 166,769; May 8.
Dade City Citrus Growers Association, Dade City, Fla. Fresh citrous fruits. 177,279; Aug. 14.
Dae Health Laboratories. (See International Consolidated Chemical Corporation.)
Daggett & Miller Co. Inc., Providence, R. I. Hair tonics. 175,007; June 5.
Dahlberg & Company, Inc., Chicago, Ill. Composition of material for wall boards, lining for houses, etc. 166,175; Feb. 6.
Dahlberg & Company, Inc., Chicago, Ill. Composition of material for wall boards, lining for houses, plaster bases, etc. 168,575; Feb. 6.
Daily, Bert L., Cincinnati, Ohio. Paints and painters' materials. 143,811; Jan. 2.
Dailey Produce Co. Inc., Brockport, N. Y. Apples. 182,737; Nov. 6.
Dainippon Celluloid Company Limited, Sakai Osakafu, Japan. Materials in sheet form. 151,034; Feb. 27.
Daintimiss Dressmakers. (See Kirschner, M., & Sons.)
Dainty-Form Company Inc., New York, N. Y. Fat-reducing cream. 180,791; Aug. 14.
Dainty Maid Company, Somerville, Mass. Salad dressing, mayonnaise, tartar sauce, mustard, olive pimento mayonnaise, etc. 150,138; June 5.
Daintymaid Company, Somerville, Mass. Spiced India relish, piccalilli, Russian dressing, salad dressing, etc. 165,484; Feb. 27.
Dairy Laboratories, The, Philadelphia, Pa. Antiseptic and deodorizers. 177,898; Aug. 14.
Dairymen's League Co-Operative Association, Inc., Utica, N. Y. Condensed and evaporated milk. 178,376; June 12.
Daisy Dish Pan Company. (See Hendricks, William H.)
Daisy Whitehead Knitting Co., New York, N. Y. Hosiery. 175,826; June 19.
Dakin Laboratories, Buffalo, N. Y. Cold, vanishing, lemon, etc., creams. 184,896; Dec. 4.
Dakota Compound Company, Pierre, S. Dak. Powder used as water softener. 172,084; Apr. 10.
Dakota Milling Company, Lisbon, N. Dak. Wheat flour. 153,175; Feb. 27.
Dale, Forty & Co., Ltd., London, England. Valve receiving and transmitting sets and crystal receiving sets. 175,304; Aug. 21.
Dalley, F. F., Company, Inc., Buffalo, N. Y. Shoe polish and dressing. 183,140; Oct. 16.
Dalley, F. F., Company, Inc., Buffalo, N. Y. Shoe polish and dressing. 183,200; Oct. 16.
Dalley, F. F., Company, Inc., Buffalo, N. Y. Shoe-shining kits. 183,201; Oct. 2.
Dalton Hosiery Mills, Dalton, Ga. Hosiery. 176,720; July 10.
Dalton Hosiery Mills, Dalton, Ga. Hosiery. 177,832; July 31.
Dalton, Whittier, True Company, Chicago, Ill. Electrical control apparatus. 174,201; Apr. 24.
Daltroff, E., & Cie., doing business as Parfumerie Caron, Paris, France, assignor to Caron Corporation. Perfume, toilet water, rouges, face powder, etc. 173,874; May 29.
Daltroff, E., & Cie., doing business as Parfumerie Caron, Paris, France, assignors to Caron Corporation. Perfume, toilet water, rouges, face powder, etc. 173,875; June 26.
Daltroff, E., & Cie., doing business as Parfumerie Caron, Paris, France. Perfume, toilet water, rouges, face powder, talcum powder, etc. 173,876; Apr. 17.
Daltroff, E., & Cie., doing business as Parfumerie Caron, Paris, France, assignor to Caron Corporation. Perfume, toilet water, rouges, etc. 173,877; May 29.
Daltroff, E., & Cie., doing business as Parfumerie Caron, Paris, France, assignor to Caron Corporation. Perfume, toilet water, rouge, face powder, talcum powder, brilliantine, etc. 173,878; Aug. 7.
Daltroff, E., & Cie., doing business as Parfumerie Caron, Paris, France. Perfume, toilet water, rouges, face powder, talcum powder, etc. 173,880; Apr. 17.
Daltroff, E., & Cie., doing business as Parfumerie Caron, Paris, France, assignor to Caron Corporation. Perfume, face and talcum powders, etc. 173,881; May 29.
Daltroff, E., & Cie., doing business as Parfumerie Caron, Paris, France. Perfume, toilet water, rouges, face powder, talcum powder, etc. 173,882; Apr. 10.
Daltroff, E., & Cie., doing business as Parfumerie Caron, Paris, France. Perfume, toilet water, rouges, face and talcum powders, etc. 173,916; Apr. 10.
Daltroff, E. & Cie., doing business as Parfumerie Caron, Paris, France. Perfume, toilet water, rouges, etc. 174,169; Apr. 24.
Daltroff, E., & Cie., Paris, France. Soaps, soap pastes, and powders. 186,110; Dec. 11.
Daly, C. H., & Son Shoe Company, Inc., Abington, Mass. Leather boots and shoes. 178,432; Dec. 4.
Dampster, James C., Toronto, Ontario, Canada. Bread. 182,704; Nov. 20.
Danda-Halpern Co., Inc., New York, N. Y. Linens and decorated linens in the piece. 177,963; June 12.
Dandereater Company. (See Shields, Belmont L.)
Daniel Boone Woolen Mills, Inc., Chicago, Ill. Suits, overcoats, trousers, etc. 180,685; Sept. 11.
Daniel, Jno. B., Inc., Atlanta, Ga. Expectorant. 183,518; Dec. 4.
Danna, Frank, doing business as Capitol Coffee Company, Baton Rouge, La. Coffee. 172,146; May 8.
Dan-Nax Co., The. (See Gunter, Daniel J.)
Danner Co., Portland, Oreg. Metal-polishing compound. 131,017; July 10.
Danya, Inc., New York, N. Y. Rouge vanishing cream. 178,231; Aug. 21.
Danziger-Jones, Inc., New York, N. Y. Radio receiving sets. 179,364; Oct. 9.
Dare, Carolyn T., Atlantic City, N. J. Perfume. 183,098; Nov. 13.
Dare, Charles F., & Son, Inc., Bridgeton, N. J. Medicinal compound for diseases of the stomach. 172,265; Mar. 27.
Darley, John W., doing business as Dreams Co., Baltimore, Md. Incense and incense candles. 187,375; Dec. 25.
Darling Sweets, Inc., Chicago, Ill. Candy. 172,732; July 10.
Da Roza-Doherty Company, The, San Francisco, Calif. Dried fruits and vegetables, canned fruits and vegetables, fresh grapes, melons, etc. 174,428; June 5.
Darrish, Morris E., doing business as Marvil Garment Company, St. Louis, Mo. Ladies' suits, coats, dresses, skirts, and waists. 168,959; Jan. 30.
Darsie Manufacturing Company, Los Angeles, Calif. Headlights, spotlights, and electric lamps. 171,907; Jan. 9.
Darwin & Milner, Inc., Cleveland, Ohio. Tool steel. 169,535; Jan. 9.
Darwin & Milner, Inc., Cleveland, Ohio. Hack saws. 169,536–7; Jan. 9.
Dasco Spring Cover Co., Somerville, Mass. Covers for automobile springs. 159,854; Mar. 13.
Daugherty & Jackson, Seymour, Tex. Pyorrhea remedy. 172,666; Apr. 3.
Davenport Brothers, Chattanooga, Tenn. Hosiery and underwear. 166,295; May 8.
Davenport-Taylor Mfg. Company, Chicago, Ill. Interchangeable cut-to-shape letters and figures of resilient material. 175,471; June 5.
Davey Tree Expert Company, The, Kent, Ohio. Wood-preserving paints and shellac. 182,296; Sept. 11.
Davey Tree Expert Company, The, Kent, Ohio. Wood-preserving paints and shellacs. 183,054; Sept. 18.
Davey Tree Expert Company, The, Kent, Ohio. Chemical composition of matter for dressing tree wounds. 183,055; Aug. 28.
David, Albert, New York, N. Y. Artificial-silk fiber. 170,712–13; Mar. 13.
David, John, New York, N. Y. Suits, jackets, raincoats, etc. 174,894; July 10.
David, John, New York, N. Y. Men's suits, jackets, coats, trousers, vests, and knickerbockers. 180,591; July 24.
Davidson Brothers Company, Sioux City, Iowa. Ladies' hats and bonnets. 178,895; July 31.
Davidson, David, Providence, R. I. Pictures. 148,932; June 19.
Davidson, George, Wick, Scotland. Salted and pickled herrings. 171,204; May 22.
Davies, Rose & Co., Ltd., Boston, Mass. Flavoring for making beverages. 156,480; Oct. 2.
Davies, Rose & Co., Ltd., Boston, Mass. Refined lubricant. 168,455; Dec. 4.
Davies, Rose & Co., Ltd., Boston, Mass. Extracts and flavorings for food purposes. 168,456; Mar. 6.
Davies, Rose & Co., Ltd., Boston, Mass. Extracts and flavorings for food purposes. 168,517; July 24.
Daving, Joseph, New York, N. Y. Watches. 180,754; Aug. 21.
Davis Chemical Company, Toledo, Ohio. Dry cleaner. 152,834; Apr. 24.
Davis-Cleaver Produce Company, Quincy, Ill. Butter. 180,845; Dec. 11.
Davis, G. M., Regulator Company, Chicago, Ill. Valves, float boxes, etc. 182,088; Sept. 18.
Davis, George H., doing business as Dur-A-Tone Record Co., Orange, N. J. Talking-machine records. 172,148; Jan. 23.
Davis, H. B., Company, The, Baltimore, Md. Ready-mixed paint. 169,538; Mar. 27.
Davis, H. B., Company, The, Baltimore, Md. Ready-mixed paint. 174,168; Feb. 27.
Davis & Lamb, Newburyport, Mass. Salted peanuts and peanut butter. 163,382; Nov. 13.
Davis & Lawrence Co., New York, N. Y. Toilet and vanishing creams. 181,821; Sept. 25.
Davis, Lucie R., Independence, Kans. Hair grower. 180,966; Aug. 21.
Davis, Oscar, and C. R. Ridgway, Tonganoxie, Kans. Pastry. 163,216; Jan. 30.
Davis, Paul P., doing business as Ucoline Products Co., Cincinnati, Ohio. Hair tonic. 174,690; May 15.
Davis-Pepe Company Incorporated, Norwalk, Conn. Men's and women's hats. 172,585; Mar. 27.

Davis-Reese Co., Inc., Brooklyn, N. Y. Stick candy. 183,959; Dec. 18.
Davis, Sam, Indianapolis, Ind. Beverage sold as a soft drink and sirups for making the same. 171,259; Jan. 2.
Davis, Sherk & Mason Cigar Co., Reading, Pa. Cigars. 182,654; Sept. 11.
Davis-Smith Company, The, Boston, Mass. Yearly almanac. 172,640; June 5.
Davis & Voetsch, New York, N. Y. Stuffed toy monkeys. 171,489; Jan. 2.
Davis & Voetsch, New York, N. Y. Dolls and stuffed animals. 181,982; Aug. 28.
Davis, William A., doing business as Wm. A. Davis Co., Temple, Tex. Frozen fruits and ice cream. 167,767; Apr. 24.
Davol, Chas. J., North Kingstown, R. I. Milk, butter. 167,714; July 31.
Davol Rubber Company, Providence, R. I. Surgeons' gloves. 176,721; June 26.
Davy, Mary J. A., New York, N. Y. Fasteners made of ribbon or other material for holding in place lingerie ribbons or straps. 172,586; May 29.
Dawes, John C., Irvington, N. J. Corn remover. 183,332; Nov. 13.
Dawn Mfg. Co., The, Bridgeport, Conn. Clothes or laundry washing machines and clothes wringers. 174,237; Aug. 21.
Dawson-Edwards Company, Rocky Ford, Colo. Cantaloupes. 160,876; Apr. 24.
Dawson, Harry C., doing business as Activad Sign Service, Columbus, Ohio. Signs for mechanical advertising purposes. 179,033; Aug. 21.
Day-Gormley Leather Co., Boston, Mass. Finished leather. 119,153; Feb. 27.
Day, S. A., Manufacturing Company, The, Buffalo, N. Y. Paints and anticorrosive solutions for preserving iron, steel, and other metals. 184,601; Oct. 23.
Dayton Company, The, Minneapolis, Minn. Hosiery. 182,335; Sept. 4.
Dayton Engineering Laboratories Company, The, Dayton, Ohio. Electrical starting, lighting, and ignition apparatus and parts thereof. 181,942; Nov. 20.
Dayton Hosiery Mills, Dayton, Tenn. Hosiery. 172,524; June 12.
Dayton Photo Products Company, The, Dayton, Ohio. Moving-picture machines, light-sensitized paper, etc., and celluloid. 165,785; Nov. 20.
Dayton Rubber Manufacturing Co., The, Dayton, Ohio. Rubber valve caps. 158,761; Feb. 6.
Dayton Rubber Manufacturing Co., The, Dayton, Ohio. Rubber tires. 162,809; Feb. 6.
Dayton Rubber Manufacturing Co., The., Dayton, Ohio. Fan belts. 168,104; Jan. 30.
Dayton Safety Ladder Company, The, Dayton, Ohio. Stepladders. 167,605; Mar. 13.
Dazey Manufacturing Company, Los Angeles, Calif. Metal flower holders. 176,255; Nov. 6.
Deachman, T. Wilson, Chicago, Ill. Autogenous product in the nature of urine vaccine. 167,868; May 15.
Deagan, J. C., Inc. Xylophones. 180,529; July 24.
Dean, Edwin, Hoboken, N. J. Candy. 169,435; May 15.
Dean-Hicks Company, The, Grand Rapids, Mich. Magazine published monthly. 179,780; June 26.
Dean, N. E., Courtland, Calif. Fresh deciduous fruits—namely, pears. 184,602; Oct. 23.
Dean, O. W., Company, The, Benton Harbor, Mich. Medicine for use in the treatment of ailments of the liver, stomach, and bowels and as a blood purifier. 174,958; May 15.
Deane Plaster Co., The, Yonkers, N. Y. Corn plasters. 170,520; Jan. 9.
Deane Plaster Co., The, Yonkers, N. Y. Medicated and surgical plasters, court plasters, etc. 170,970; Dec. 18.
Deane Plaster Co., The, Yonkers, N. Y. Medicated and surgical plasters. 171,154; Aug. 7.
Deane Plaster Co., The, Yonkers, N. Y. Antiseptic dressings, plain, absorbent, and medicated cottons and gauzes, etc. 175,306; Dec. 11.
Deane Plaster Co., The, Yonkers, N. Y. Antiseptic dressings and absorbent and medicated cottons and gauzes, and bandages. 175,307; Apr. 17.
Deane Plaster Co., The, Yonkers, N. Y. Antiseptic dressings, gauzes, cotton and bandages. 175,347; May 29.
Dearborn Chemical Company, Chicago, Ill. Cleaner for softening hard water in general household cleaning, and in factories, hotels, etc., and a chemical compound. 164,872; Jan. 2.
Dearborn Supply Company, Chicago, Ill. Shampoo preparation. 177,656; July 10.
Dearborn Supply Company, Chicago, Ill. Toilet preparation. 177,657; July 10.
Deavy, Thomas R., doing business as Vesper Pharmacal Co., Tacony, Philadelphia, Pa. Liquid medicine for indigestion, vertigo, etc. 165,855; Apr. 24.
De Bevoise, Chas. R., Co., Newark, N. J. Brassières. 159,502–3; Aug. 7.
De Bevoise, Chas. R., Co., Newark, N. J. Brassières. 175,010; Aug. 7.
De Bevoise, Chas. R., Co., Newark, N. J., and New York, N. Y. Brassières. 181,983; Sept. 11.
De Brûle, Anna, doing business as A. De Brûle, New York, N. Y. Hair tonic. 183,961; Nov. 27.
De Brule, August G., doing business as Porcupine Medicine Co., Blewett and Spokane, Wash. Compound for treating rheumatism and diseases of the blood. 174,295; Apr. 24.
De Bruyn, Limited, London, England. Flour improvers, a compound consisting of glycerine, oils, and fats. 158,705; Aug. 7.
De Bruyn Limited, London, England. Edible oils. 169,125; May 8.
De Cabanas y Carbajal, H., Jersey City, N. J., and New York, N. Y. Cigars. 168,112; Feb. 13.
De Cameron, Inc., New York, N. Y. Perfumes. 171,155; Apr. 10.
De Cameron, Inc., New York, N. Y. Perfumes. 178,961; Aug. 14.
De Cameron, Inc., New York, N. Y. Perfumes. 178,963; Sept. 25.
De Cameron Inc., New York, N. Y. Perfumes. 178,965; Sept. 25.
De Cameron Inc., New York, N. Y. Perfumes. 178,968; Sept. 25.
Decorative Arts League, New York, N. Y. Art objects. 144,853; May 8.
Dectograph Products Corporation, New York, N. Y. Telephonic head sets. 165,987; Dec. 4.
Dedek, Frank, Chicago, Ill. Laxative tea. 184,124; Dec. 18.
Dee-Gee Co. (See Dennis, Charles J.)
Deeks Motor Products, Incorporated, Pittston, Pa. Gasoline-purifying instrumentalities for explosion motors. 172,866; Mar. 6.
Deemer & Company, Wilkes-Barre, Pa. Writing ink, typewriter ribbons, carbon paper, etc. 171,206; June 19.
Deene Plaster Co., The, Yonkers, N. Y. Adhesive tapes. 170,971; Nov. 20.
Deep Sea Fisheries, Inc., Rockland, Me. Boneless Salt codfish. 172,085; Apr. 10.
Defiance Dairy Products Company, The, Defiance, Ohio. Evaporated milk. 174,129; Oct. 2.
Defiance Grocery Company, The, Defiance, Ohio. Coffee, tea, cocoa, spices, breakfast cereals, etc. 177,367; Aug. 21.
Defiance Pressed Steel Company, The, Defiance, Ohio. Bottle containers or cases. 175,714; Apr. 24.
Deford, Paul F., Pasadena, Calif. Capsules for relief of bladder complaints, spasmodic asthma, heart pains, etc. 167,914; Apr. 10.
De Forest Radio Telephone and Telegraph Company, New York, N. Y. Radio apparatus. 159,955; Jan. 9.
De Forest Radio Telephone and Telegraph Company, Jersey City, N. J. Radio telephone and telegraph apparatus. 167,229; June 26.
De Forest Radio Telephone & Telegraph Company, Jersey City, N. J. Radio telephone and telegraph receiving sets and transmitting sets and parts. 175,472; June 6.
De Garcy Co., Inc., New York, N. Y. Breakfast coats and like negligees. 161,821; June 19.
Degener, Armin, Inc., New York, N. Y. Cellulose nonshrinking noncracking capping fluid. 175,072; Mar. 27.
Degerberg, Alfred, doing business as Alfred Degerberg Co., Philadelphia, Pa. Ink for polishing shoes. 163,436; May 22.
Deglarescope Company, The, Detroit, Mich. Lenses for automobiles. 167,975; Jan. 9.
Deglet Noor Date Growers Association, The, Indio, Calif. Fresh dates. 165,125; Jan. 2.
De Guile Laboratories, Inc., Minneapolis, Minn. Muscle oil, acne and bleaching lotions, lemon cream, etc. 167,841; Aug. 14.
De Haen, E., A.-G., Seelze, Germany. Chemicals for general laboratory work, etc. 171,832; Aug. 7.
De Klyn Candy Company, The, Cleveland, Ohio. Confectionery. 156,520; June 5.
De Klyn Candy Company, The, Cleveland, Ohio. Candy. 180,530; Aug. 28.
Delacour Bros. Ltd., London, England. Tobacco pipes. 176,723–8; Apr. 24.
Delacour Bros., Ltd., London, England. Tobacco pipes. 177,429; May 15.
Delacour Brothers, Ltd., London, England. Tobacco pipes. 178,377–8; May 15.
De Land Citrus Growers Assn., De Land, Fla. Fresh citrous fruits. 172,863; Dec. 4.
De Laney, Paul, Co. Inc., The, Brockton, N. Y. Grape juice and apple juice. 175,772; Apr. 17.
De Laney, Paul, Co. Inc., The, Brocton, N. Y. Fruit jams, preserves, jellies, marmalades, etc. 175,773; Oct. 16.
Delano, Potter & Co., Inc., Boston, Mass. Tea. 176,256; May 22.
Delano, Potter & Company, Inc., Boston, Mass. Tea. 183,559; Oct. 9.
Delatour Beverage Corporation, New York and Long Island City, N. Y. Ginger ale. 186,830; Dec. 18.
Delaware Garment Company, The, Delaware, Ohio. Play and school suits for boys and girls, and ladies' and men's knicker and outing suits. 185,364; Nov. 20.
Delbon, Frank G., Brooklyn, N. Y. Leather shoes. 181,591; Nov. 13.
Delfine Pure Food Co., Newark, N. J. Salad dressing, filling for sandwiches, for seasoning of food. 179,588; Sept. 11.

Alphabetical list of trade-mark applicants—Continued.

Delica Laboratories Co., Chicago, Ill. Lip sticks, eye brow and lash dressing, creams, rouge, etc. 179,461; Sept. 11.
Delico Products Company, Sheridan, Wyo. Frozen confections, etc. 163,673; Nov. 27.
Della Porta, Gennaro, New York, N. Y. Liquid hair tonic. 182,522; Oct. 23.
Dello Ink Corp., New York, N. Y. Writing ink. 178,658–9; Aug. 21.
Delmas, Anna M., North Plainfield, N. J. Eatable tablets or cakes. 167,557; Sept. 11.
Del Monte-Rickey, New York, N. Y. Sport clothes for women. 174,202; July 10.
Del Monte-Hickey, New York, N. Y. Camel's-hair piece goods. 174,203; Dec. 25.
Delmore Manufacturing Co., Inc., New York, N. Y. Motor vehicles. 151,259; Nov. 13.
Del Norte Commercial Co. (See Hume, John S.)
De Long Hook and Eye Company, The, Philadelphia, Pa. Hooks and eyes, snap fasteners, and safety pins. 159,351; May 22.
De Long Hook and Eye Company, The, Philadelphia, Pa. Hooks and eyes, snap fasteners, safety pins, etc. 161,767; May 22.
De Long Hook and Eye Company, The, Philadelphia, Pa. Hooks and eyes, safety pins, and toilet pins. 186,114; Nov. 27.
Delphie Specialty Manufacturing Company, Detroit, Mich. Electric clothes washers. 180,469; Oct. 23.
Del Sordo, Harry E., Newark, N. J. Dandruff remover. 173,593; Apr. 10.
Delta Chemical Company. (See Harrison, Wilford.)
Delta Export Lumber Corporation, Memphis, Tenn. Lumber and veneers. 171,207–8; May 22.
Delta Export Lumber Corporation, Memphis, Tenn. Logs. 178,496; July 3.
Delta Export Lumber Corporation, Memphis, Tenn. Logs. 178,497; July 17.
Delta Export Lumber Corporation, Memphis, Tenn. Lumber and veneers. 178,498; May 29.
Delta Lumber Company, New Orleans, La. Lumber, cement, doors, laths, shingles, etc. 172,864; Mar. 27.
Delta Sigma Phi Fraternity, The, New York, N. Y. Quarterly publication. 153,715; June 12.
De Luxe Hosiery Company. (See Smyth, William J.)
Deming Company, The, Salem, Ohio. Pumps, including hydraulic rams. 175,923; June 5.
Denio, J. W., Milling Company, The, Sheridan, Wyo. Wheat flour. 164,024; June 5.
Denio, J. W, Milling Company, The, Sheridan, Wyo. Wheat flour. 164,025; May 1.
Denison Bottling Works. (See Mitchell, James A.)
Denman Myers Cord Tire Company, The, Warren, Ohio. Tires composed of rubber and fabric. 181,252; Aug. 14.
Denney & Co., Yakima, Wash. Fresh apples. 166,657; July 3.
Denney & Company of Oregon, Medford, Oreg. Fresh deciduous fruits. 183,646; Dec. 4.
Dennis, Charles J., doing business as Dee-Gee Co., Chicago, Ill. Nonalcoholic, maltless sirup used in making soft drinks. 181,516; Aug. 28.
Dennison Manufacturing Co., Framingham, Mass. Tags. 176,330; May 1.
Dennison Manufacturing Co., Framingham, Mass. Crêpe paper. 178,093; June 19.
Dent Laboratories. (See Biegler, George C.)
Dental Protective Supply Company, Chicago, Ill. Dental alloys and cements. 183,519; Oct. 2.
Dentoid Products Co. (See Smith, Russell O. L.)
Dentrol Sales Corporation, Wilmington, Del., and New York, N. Y. Fabric rolls impregnated with a dentifrice and holders therefor. 175,009; June 19.
Denver Gas and Electric Light Company, Denver, Colo. Roofing and building paper, waterproofing cement, etc. 119,973; Oct. 23.
Denver Optic Company. (See Biel, Conrad E.)
Denver Tent & Awning Company, The, Denver, Colo. Tents. 184,963; Nov. 20.
Denzer & Nathan, Inc., New York, N. Y. Cotton fabrics. 184,437–8; Oct. 16.
Denzer & Nathan, Inc., New York, N. Y. Cotton piece goods. 184,784; Dec. 25.
Dependable Information Bureau, The. (See Zimmer, Ludo L.)
Dering, Fredericks M., Chicago, Ill. Wall boards. 182,571; Oct. 23.
Derk, Joseph, & Co., Philadelphia, Pa. Drapery fabrics, made of cotton, wool, silk, etc. 174,385; Mar. 27.
Dermavel Laboratories. (See Martin, John H.)
Dern Food Company, The, Colorado Springs, Colo. Coffee. 179,857; July 31.
Derrick Publishing Company, The, Oil City, Pa. Daily periodical. 183,435; Nov. 27.
Derrick Publishing Company, The, Oil City, Pa. Weekly periodical. 183,436; Nov. 27
Derryvale Linen Co., Inc., New York, N. Y. Piece goods, etc. 171,260; Mar. 6.
Derryvale Linen Co. Inc., New York, N. Y. Linen and cotton piece goods, etc. 171,261; Mar. 13.
Derryvale Linen Co., Inc., New York, N. Y. Piece goods, etc. 171,262–4; Mar. 6.
Derryvale Linen Co., Inc., New York, N. Y. Writing paper. 171,265; Mar. 6.
Des Lauriers Metal Products Co. Inc., St. Paul, Minn. Milk-shipping cans and cans used for packing and shipping ice cream. 176,166; Apr. 24.
Des Lauriers Metal Products Co. Inc., St. Paul, Minn. Milk-shipping cans and cans for packing and shipping ice cream. 178,233; May 15.
Desmond, B. G., Manufacturing Corporation, New York, N. Y. Lubricating oils and lubricants. 173,074; Mar. 27.
Desmond-Stephan Manufacturing Company. (See McConnell, George.)
De Soria, Roger, Clichy, France. Perfumes, toilet water, face and talcum powders, etc. 185,961; Dec. 11.
Dessart Brothers Inc., Brooklyn, N. Y. False faces, toy mustaches and beards, toy wigs, etc. 172,979–81; Mar. 20.
Detourbe, Maurice L., Paris, France. Ready-mixed paints, varnishes, dry colors, etc. 181,683–4; Sept. 4.
Detro Sales Service Co., Detroit, Mich. Glass antiglare shields. 174,512; Dec. 4.
Detroit Alloy Steel Company, Detroit, Mich. Tool steel. 166,554; Aug. 14.
Detroit Dental Manufacturing Company, Detroit, Mich. Rubber-dam holders. 171,065; Jan. 9.
Detroit Dental Manufacturing Company, Detroit, Mich. Dental tools, instruments, and supplies. 181,592; Oct. 2.
Detroit Celery and Produce Company. (See Perlmon, Sol.)
Detroit City Gas Company, Detroit, Mich. Domestic gas ranges. 170,128; May 29.
Detroit Hosiery Company, Detroit, Mich. Hosiery. 177,964; Dec. 4.
Detroit Lubricator Company, Detroit, Mich. Locomotive lubricators, stationary lubricators, valve and oil cups. 176,955; June 5.
Detroit Lubricator Company, Detroit, Mich. Metal valves for pipe lines and the like. 179,929; July 24.
Detroit Packing Company, Detroit, Mich. Fresh beef. 166,658; May 29.
Detroit Soda Products Co., Detroit, Mich. Cleaning and washing compound, having water softening properties. 181,737; Nov. 13.
Detroit White Lead Works, Detroit, Mich. Paints, paint enamels, japans, etc. 171,985; Feb. 13.
Deutsche Capselin- & Zinnolitwerke Gesellschaft mit beschränkter Haftung, Hamburg-Wandsbek, Germany. Bottle varnishes, adhesive gums, and sealing wax. 166,661; Nov. 6.
Deutsche Gold und Silber Scheideanstalt, vormals Roessler, Frankfort-on-the-Main, Germany. Chemical preparations used against plant pests and seed afflictions. 167,842; July 17.
Deutsche Elektrizitäts-Werke zu Aachen-Garbe, Lahmeyer & Co.- Aktiengesellschaft, Aachen, Germany. Dynamos, electromotors and parts thereof, electrical apparatus. 162,985; Apr. 3.
Devers, Murrel O., doing business as Dim-Brite Mfg. Company, Dayton, Ohio. Switch for dimming the electric headlights of automobiles and motor cycles. 185,247; Nov. 20.
De Vilbiss Manufacturing Co., The, Toledo, Ohio. Compressed-air spraying machines for applying paints, varnishes, etc., hose cleaners, etc. 161,177; Jan. 2.
De Vito, Aristide, doing business as Washington Pastry Co., San Francisco, Calif. Honey and nut confections. 167,867; May 1.
De Vito Salvo Hair Tonic Co., Inc., New York, N. Y. Hair tonic and preservative. 177,833; Aug. 7.
Devoto y Cauchaner, Buenos Aires, Argentina. Soaps, pastes, powders, and liquids for cleaning metal, wood, leather, and clothing. 171,729; Apr. 3.
Dewart Milk Prod. Co. Inc., Dewart, Pa. Ice cream, sweetened condensed milk, plain condensed milk, ice-cream mixes, etc. 169,849; May 1.
Dewey and Almy Chemical Company, Cambridge, Mass. Cements for sealing tin cans, glass or metal containers, and bottle caps, etc. 172,033; Mar. 20.
De Witt, E. C., & Co., Inc., Chicago, Ill. Preparation for removing corns and calli. 178,597; July 10.
Dewma Company. (See McAllister, William E.)
Dew-On Company. (See Wilson, George T.)
Dextra Manufacturing Co., Detroit, Mich. Vehicle jacks. 165,787; Oct. 16.
Dextro Products Inc., Buffalo, N. Y. Glues or pastes. 186,220; Nov. 20.
De Zon, Florie, Detroit, Mich. Preparation for the treatment of hair and scalp. 174,130; May 15.
Dial, George H., doing business as Dial Tent & Awning Co., Columbus, Ohio. Tents. 187,205; Dec. 11.
Diamond Bros., New York, N. Y. Hosiery. 183,366; Sept. 25.
Diamond Cab Sales Corporation, New York, N. Y. Automobile bodies. 179,993; Aug. 14.
Diamond Cab Sales Corporation, New York, N. Y. Monthly publication. 181,014; Sept. 11.
Diamond Cake Company, Philadelphia, Pa. Cake. 160,239; Mar. 27.
Diamond Calk and Horseshoe Co., Duluth, Minn. Horseshoes and horseshoe calks. 144,607; Feb. 27.
Diamond, David, Lincoln, Nebr. Wheat flour. 180,967; Sept. 25.
Diamond Expansion Bolt Co., New York, N. Y. Galvanizing. 161,822; Aug. 14.

Diamond Expansion Bolt Co., New York, N. Y. Rings for stringing bridle wires. 179,782–3; Aug. 21.
Diamond Food Products Company. (See Sterrick, Harrison D.)
Diamond Laboratories, Inc., The, Seattle, Wash. Hair dressing. 176,791; June 12.
Diamond Manufacturing Company. (See Ewing, Joseph H.)
Diamond Match Company, The, Chicago, Ill. Matches. 158,822–3; Apr. 17.
Diamond Match Company, The, Chicago, Ill. Matches. 177,075–8; Apr. 17.
Diamond Match Company, The, Chicago, Ill. Matches. 178,896–909; May 22.
Diamond Match Company, The, Chicago, Ill. Matches. 178,912–13; May 22.
Diamond Match Company, The, Chicago, Ill. Matches. 178,914; Aug. 14.
Diamond Mills Paper Company, New York, N. Y. Toilet paper. 181,387; July 24.
Diamond Star Products Co. (See Katz, Sigmund.)
Diamond State Fibre Company, Elsmere, Del., and Bridgeport, Pa. Laminated phenolic condensation product made by impregnating materials. 180,163; Aug. 7.
Diamond State Fibre Company, Elsmere, Del., and Bridgeport, Pa. Gear blanks and gear wheels. 183,438; Oct. 2.
Diamond State Fibre Company, Elsmere, Del., and Bridgeport, Pa. Laminated phenolic condensation product. 183,439; Nov. 27.
Diamond State Fibre Company, Elsmere, Del., and Bridgeport, Pa. Gear blanks and gear wheels. 183,440; Oct. 2.
Diamond State Fibre Company, Elsmere, Del., and Bridgeport, Pa. Laminated phenolic condensation product. 183,442; Nov. 27.
Diaz, Carlos J., doing business as Les Parfums Des Courtisanes, New York, N. Y. Face powders and creams, perfumes, toilet waters, etc. 187,569–70; Dec. 25.
Dick, A. B., Company, Chicago, Ill. Duplicating machines and parts thereof. 167,937; Jan. 23.
Dickes, Block and Abbey, New York, N. Y. Dresses, costumes, and gowns. 176,538; Aug. 14.
Dickey, William E., Seneca Falls, N. Y. Automatic pneumatic water-supply system. 178,433; July 10.
Dickinson, Albert, Company, The, Chicago, Ill. Poultry feed. 175,073; June 5.
Dickinson, Albert, Company, The, Chicago, Ill. Dairy feed. 175,074; June 5.
Dickinson Fuel Company, Dallas, Tex. Blacksmith coal. 181,253; Sept. 4.
Dickson Chemical Co. (See Dickson, Moses A.)
Dickson, Hugh F., Covington, Tenn. Salve for the treatment of pneumonia, influenza, croup, asthma, and colds. 174,768; June 5.
Dickson, Jessie A., doing business as J. A. Dickson Mfg. Co., Gary, Ind. Preparation for use in treating the scalp and promoting the growth of hair. 182,405; Oct. 30.
Dickson, Moses A., doing business as Dickson Chemical Co., Eatonton, Ga. Hair dressing. 169,533; Jan. 9.
Didrichsen, Johan, Christiania, Norway. Cod-liver oil. 175,715; July 24.
Diebold Safe & Lock Company, Canton, Ohio. Filing, skeleton, fireproof, burglarproof, and manganese safes, vault doors, locks, and safe-deposit boxes. 174,127; May 8.
Diederich, Henry, Brooklyn and Valley Stream, N. Y. Rusk. 180,110; Sept. 25.
Diehl, Kane & Diehl Tailoring Co., Cincinnati, Ohio. Men's outer garments or clothing. 179,784; Dec. 18.
Diekemper, Ray J., Terre Haute, Ind. Horse-radish. 172,867; Apr. 17.
Diem & Wing Paper Co., The, Cincinnati, Ohio. Wrapping paper. 183,056; Oct. 2.
Diem & Wing Paper Co., The, Cincinnati, Ohio. Wrapping paper. 184,654; Oct. 16.
Diem & Wing Paper Co., The, Cincinnati, Ohio. Writing paper. 184,655; Oct. 16.
Diem & Wing Paper Co., The, Cincinnati, Ohio. Wrapping paper. 184,658; Oct. 16.
Diem & Wing Paper Co., The, Cincinnati, Ohio. Bond paper. 186,874; Dec. 25.
Diem & Wing Paper Co., The, Cincinnati, Ohio. Wrapping paper. 186,875; Dec. 4.
Diem & Wing Paper Co., The, Cincinnati, Ohio. Bond paper. 186,876; Dec. 25.
Diem & Wing Paper Co., The, Cincinnati, Ohio. Wrapping paper. 186,877; Dec. 4.
Diem & Wing Paper Co., The, Cincinnati, Ohio. Blasting paper. 186,878–9; Dec. 4.
Diem & Wing Paper Co., The, Cincinnati, Ohio. Blasting paper. 186,880; Dec. 25.
Diem & Wing Paper Co., The, Cincinnati, Ohio. Wrapping paper. 186,883; Dec. 4.
Diem & Wing Paper Co., The, Cincinnati, Ohio. Bond paper. 186,885; Dec. 4.
Diem & Wing Paper Co., The, Cincinnati, Ohio. Wrapping paper. 187,565; Dec. 18.
Dietz, R. E., Company, New York, N. Y. Oil-burning lanterns and the burners and metal parts thereof. 176,455; May 22.
Dietzgen, Eugene, Co., Chicago, Ill. Ruling, detail ruling, railroad, curve, etc., pens. 175,136; July 3.
Diffenbacher, Mark M., Long Beach, Calif. Candies. 158,113; Sept. 25.
Dighton, Samuel R., Savannah, Ga. Medicinal preparations for colds and constipation. 178,499; July 10.
Di Giorgio, Rosario, Los Angeles, Calif. Fresh citrus fruits, fresh deciduous fruits, and fresh vegetables. 165,354; Feb. 27.
Dikeman, Carroll H., doing business as Dikeman's Orange Beverage Stores, Washington, D. C. Orange juice, fruit ciders. 182,738–9; Oct. 30.
Dilas, Harry, doing business as The Arcadia, Bay City, Mich. Candy. 176,731; July 10.
Dill & Collins Co., Philadelphia, Pa. Printing and writing papers. 187,608; Dec. 18.
Dillard & Keene Co., Eustis, Fla. Fresh citrous fruits. 172,668; May 15.
Dillon, Charles G., New York, N. Y. Beverage sold as a soft drink and sirups for making the same. 179,590; July 17.
Dim-Brite Manufacturing Company. (See Devers, Murrel O.)
Dimit Co., Inc., The, Baltimore, Md. Electrically-operated headlight dimmers. 171,121; Feb. 20.
Dinamite Cleaner Corporation. (See Butterfield, Charles F.)
Dingfelder & Balish, New York, N. Y. Onions. 184,604; Nov. 6.
Dingfelder & Balish, New York, N. Y. Fresh onions. 184,659; Dec. 11.
Dinhofer Bros. Inc., New York, N. Y. Bar pins, belt buckles, bracelets, brooches, neck chains, etc. 173,918; Apr. 3.
Dinhofer Bros. Inc., New York, N. Y. Platinum in bars, sheets, rolls, etc., and platinum solder. 173,919; Apr. 3.
Dinhofer Bros. Inc., New York, N. Y. Watchcases. 176,168; June 26.
Diodato, Frank A., doing business as Buffalo Novelty Company, Buffalo, N. Y. Gasoline savers or devices for supplying water vapor to internal-combustion engines. 169,011; Jan. 9.
Diozone Company. (See Merritt, Hiram.)
Di Palma, F. & J., New York, N. Y. Olive oil. 166,878; Mar. 27.
Direct Chocolate Company, Inc., Fall River, Mass. Candy. 180,755; Aug. 21.
Direct Method Company, Warren, Pa. Traveling bags. 182,572; Aug. 28.
Disappearing Propeller Boat Co. Limited, Toronto, Ontario, Canada. Internal-combustion motors and parts thereof. 184,815; Dec. 18.
Disc Alley Manufacturing Company, Atlanta, Ga. Parlor board game. 165,010; Apr. 3.
Dismond, Henry B., doing business as O-Do-Less Products Co., Danville, Ill. Toilet lotion for deodorizing offensive and excessive perspiration. 169,437; Feb. 20.
Disney Hats, New York, N. Y. Hats and caps. 171,209; Apr. 3.
Disston, Henry, & Sons, Incorporated, Tacony, Philadelphia Pa. Saws. 188,002; Dec. 25.
Distillator, H. L., & Son, Inc., New York, N. Y. Ladies' hats 186,221; Dec. 11.
Dixie Maid Hat Company, West Carrollton, Ohio. Hats. 183,560; Nov. 27.
Dixie Mills, Clarksville, Tenn. Wheat and Graham flour, corn meal, and wheat feed. 173,741; Sept. 11.
Dixie Oil & Grease Company, Atlanta, Ga. Lubricating oils and greases. 166,659; June 19.
Dixon Cereal and Feed Company, Dixon, Ill. Hog food. 171,730; Sept. 11.
Dixon, Charles P., doing business as Itis-Real Remedy Company, Kansas City, Mo. Salves and ointments. 162,613; May 29.
Dixon, Joseph Crucible Company, Jersey City, N. J. Pencils. 123,798; Sept. 11.
Dixon, Joseph, Crucible Company, Jersey City, N. J. Pencils. 123,798; Oct. 9.
Dixon, Joseph, Crucible Company, Jersey City, N. J. Pencils. 171,986; May 1.
Dobbie McInnes & Clyde, Ltd., Glasgow, Scotland. Liquid-measuring and level-indicating apparatus. 157,413; Feb. 6.
Dobbs & Co., New York, N. Y. Caps, hats, gloves, neckwear, fur coats, suits, etc. 176,257; Aug. 7.
Dobson, John & James, Inc., New York, N. Y. Coats for ladies and misses. 165,289; Jan. 2.
Dodge, A. M., Inc., Stuart and Lake Worth, Fla. Beverages sold as soft drinks. 183,443; Oct. 9.
Dodge City Ice Cream & Produce Company, The, Dodge City, Kans. Butter. 168,600; Jan. 16.
Dodge, F. W., Corporation, New York, N. Y. Monthly magazine. 185,570; Nov. 20.
Dodge, F. W., Corporation, New York, N. Y. Weekly magazine. 185,571–2; Nov. 20.
Dodge, Sweeney & Co., San Francisco, Calif. Canned fruits, vegetables, and fish. 162,724; Jan. 9.
Doe River Overall Company, Elizabethton, Tenn. Overalls and overall coats. 176,608; Aug. 28.

Alphabetical list of trade-mark applicants—Continued.

Dochler Die-Casting Co., Brooklyn, N. Y. Die-casting metal and die castings. 174,562; Apr. 3.
Doering Manufacturing Company, Chicago, Ill. Automobile or vehicle electric lamps. 183,202; Dec. 18.
Doering Manufacturing Company, Chicago, Ill. Automobile or vehicle electric lamps. 186,222; Dec. 25.
Doll, Jacob, & Sons, New York, N. Y. Pianofortes, pianos, and phonographs. 179,138; Aug. 21.
"Dolly Dixie" M'f'g Company. (See Morgan-Anderson Company.)
Dolly Madison Dresses, Inc., New York, N. Y. Misses' dresses. 157,760; Aug. 21.
Dolly Varden Co. (See Willats, Marietta B.)
Dolly Varden Chocolate Company, The, Cincinnati Ohio. Candies. 175,632; May 22.
Dolly Varden Chocolate Company, The, Cincinnati, Ohio. Candy. 182,236; Sept. 11.
Dolph, John C., Company, Newark, N. J. Varnish. 178,716; Oct. 23.
Domestic Devices Corporation, New York, N. Y. Blade sharpeners. 184,024; Nov. 20.
Domestic Devices Corporation, New York, N. Y. Machine for grinding scissors, etc. 185,512; Oct. 30.
Domestic Electric Company, The, Cleveland, Ohio. Radio apparatus. 169,626; July 10.
Domestic Engineering Co., Chicago, Ill. Plumbing and heating periodical. 172,587; Mar. 27.
Domino Confection Mfg. Co., Kansas City, Mo. Pop-corn confection. 153,650; Feb. 20.
Domino House. (See Sullivan, Marguerite, assignor.)
Domore Chair Company. (See Ferris, William S.)
Donahue, Henry M., doing business as Hoyt Apothecaries Co., San Francisco, Calif. Mouth wash. 171,908; Apr. 3.
Donahoe's Inc., Pittsburgh, Pa. Chocolates and chocolate-coated candies. 161,035; Jan. 2.
Donaldson & Co. (See Griffiths, David R.)
Donemar Incorporated, New York, N. Y. Stockings. 184,542; Nov. 6.
Doniger & Company Inc., New York, N. Y. Hypodermic syringes. 176,957; May 8.
Donley Brothers Co., The, Cleveland, Ohio. Metal building specialties. 154,491; Mar. 13.
Donley Brothers Company, The, Cleveland, Ohio. Manufactured devices. 178,828; Aug. 7.
Donley Brothers Company, The, Cleveland, Ohio. Drain-pipe traps for refrigerators and bathtubs, slop sinks, etc. 178,829; Oct. 2.
Donnelly Machine Co. Inc., Brockton, Mass. Electric flatirons. 182,573; Oct. 23.
Donnelly Machine Co., Inc., Brockton, Mass. Machinery for use in the shoe, hat, and glove trade. 182,574; Oct. 30.
Donohoe, Patrick J., doing business as The Minox Co., New York, N. Y. Antiseptic germicide and deodorant. 185,110; Dec. 18.
Door, Arthur E., & Co. Inc., Boston, Mass. Hams and bacons. 159,852; Oct. 16.
Doptoglou Bros. of New York, New York, N. Y. Cotton piece goods. 177,037; May 1.
Doptoglou Bros. of New York, New York, N. Y. Cotton piece goods. 177,079; Sept. 25.
Doptoglou Bros. of N. Y., New York, N. Y. Cotton piece goods. 183,444; Nov. 6.
Dorfman & Miller, New York, N. Y. Coats for children, juniors, misses, and ladies. 169,396; Apr. 3.
Dorgan-McPhillips Sales Co. Inc., Mobile, Ala. Canned shrimp. 183,258; Sept. 18.
Dorgan, Wm. J., doing business as W. J. Dorgan Co., Riverside, Calif. Canned fruits and vegetables. 186,271; Nov. 27.
D'Orio, Julius, doing business as Advertoshare Co., Highgrove, Calif. Checker-game coupon punch board. 170,872; Nov. 13.
D'Orlando & Co. Ltd., Boston, Mass. Candy and chocolates. 168,357; Sept. 4.
Dorman, Nathan, New York, N. Y. Cheese. 165,126; Jan. 30.
Dormer Brothers Company, The, Cincinnati, Ohio. Hosiery. 184,068; Oct. 9.
Dornaus, Ernest E., Oklahoma, Okla. Wedges. 178,235; Dec. 18.
Dorr, Arthur E., & Co., Boston, Mass. Butter, olives, and oleomargarine. 80,177; June 5.
Dorr Company, The, New York, N. Y. Pumps and agitators and thickeners, screens, and classifiers for separating solids from liquids. 173,128; Feb. 27.
Dorsch, Peter M., Washington, D. C. Bread and rolls. 160,875; Dec. 11.
Doscat Tire & Rubber Corporation, Rochester, N. Y. Rubber tires. 172,260; Apr. 3.
Doubrava & Morris, doing business as Sun Sipt Apiaries, Los Angeles, Calif. Jellies. 172,588; Sept. 25.
Doucleff, Dine K., Peoria, Ill. Canned prepared caviar. 172,266; May 8.
Dougherty, W. F., & Sons, Incorporated, Philadelphia, Pa. Coal and gas combination ranges and broilers and warming closets. 177,774; July 17.
Douglas & Burns, Ltd., Des Moines, Iowa. Ingredients used in food beverages or cooking. 168,402; Sept. 11.
Douglas, Harry A., doing business as H. A. D. Sales & Engineering Co., Not Incorporated, Bronson, Mich. Electric connectors, connecting plugs, wiring outfits, etc. 142,829; June 26, 1923.
Douglas, Richard, doing business as The R. E. D. Mfg. Co., Brooklyn, N. Y. Polishing oils for painted, varnished, and lacquered surfaces. 174,429; Apr. 10.
Douglas, W. L., Shoe Company, Brockton, Mass. Boots and shoes made wholly or in part of leather. 176,331; May 22.
Douglass Caramel Company, Wilmington, Del., and Philadelphia, Pa. Candies. 179,591; Sept. 18.
Dover Manufacturing Company, The, Dover, Ohio. Electric sadirons. 178,236; June 5.
Dow, Jones & Company, New York, N. Y. Daily newspaper. 169,627; Jan. 2.
Dowd, J. C., & Co., Inc., New York, N. Y. Receptacles. 183,469; Oct. 23.
Dowd, J. C., & Co. Inc., New York, N. Y. Toilet combs, pincushion holders, and buttonhooks. 183,470; Nov. 13.
Dowst, T. S., doing business as Dowst Bros. Co., Chicago, Ill. Miniature living-room suites, bedroom suites, dining-room sets, etc. 158,974; Dec. 25.
Drabek, Charles, doing business as Painters Supply Co., Cleveland, Ohio. Paints, varnishes, paint enamels. 165,858; July 17.
Drabek, Charles, doing business as Painters Supply Co., Cleveland, Ohio. Ready-mixed paints and paint enamels. 182,502; Sept. 4.
Drabek, Charles, doing business as Painters Supply Co., Cleveland, Ohio. Ready-mixed paints, varnishes, paint enamels, stains. 165,859; Sept. 4.
Drake, John J., & Sons, Amsterdam, N. Y. Ointment for treatment of sprains, sore muscles, insect bites, etc. 169,671; Feb. 13.
Draper-Maynard Company, The, Plymouth, N. H. Baseballs, mitts, basket balls, boxing gloves, etc. 170,631; Jan. 2.
Draper-Maynard Company, The, Plymouth, N. H. Athletic shirts, jerseys, and sweaters. 170,632; Aug. 7.
Dreams Co. (See Darley, John W.)
Dreifus, Eckstein & King, Inc., New York, N. Y. Hosiery. 169,475; Feb. 20.
Driefus, Eckstein & King, Inc., New York, N. Y. Men's, women's, and children's knit and flat hosiery. 172,935; May 22.
Drew, E. F., & Co., Inc., New York, N. Y., and doing business in Boston, Mass., as J. A. Morse. Nut butter. 163,617; Nov. 20.
Drew, Hilda L., doing business as The Hilda Lee, Lowell, Mass. Tissue creams. 187,408; Dec. 25, 1923.
Driffill, Emma G., doing business as Driffill & Norman, Oxnard, Calif. Orange marmalade. 165,784; Feb. 13.
Driffill & Norman. (See Driffill, Emma G.)
Dri-Kamp Company. (See Purcell, Isaac S.)
Drs. Brown and Brown, Chicago, Ill. Medicated wax for treatment of pyorrhea. 177,269; July 31.
Drug Products Co. Inc, The, Long Island City, N. Y. Food tonic and general stimulant to cell metabolism. 166,134; July 10.
Drug Products Co. Inc., The, Long Island City, N. Y. Suppositories. 173,999; Apr. 10.
Drug Products, Inc. (See Thorburn, Henry C.)
Druggists' Supply Corporation, New York, N. Y. Handkerchiefs. 181,388; Aug. 7.
Druggists' Supply Corporation, New York, N. Y. Pencils. 184,070; Oct. 16.
Druggists' Supply Corporation, New York, N. Y. Fountain pen. 186,272; Nov. 20.
Dryden Corporation, The, Oakland, Calif. Ice cream in brick form. 170,680; Mar. 27.
Dryol Corporation, The, Atlanta, Ga. Powdered greasing compound to be applied to bread pans, etc. 184,395; Oct. 9, 1923.
Dryol Polish Mfg. Co. (See Ruggles, Harry M.)
Dual-Use Company, Knoxville, Tenn. Combined letter sheet and advertising folder. 182,503; Oct. 16.
Duarte-Monrovia Fruit Exchange, Duarte, Calif. Fresh citrous fruits. 175,853; June 26.
Dubilier Condenser and Radio Corporation, New York, N. Y. Crystal detectors and rectifiers. 178,333; June 5.
Dubilier Condenser & Radio Corp., New York, N. Y. Connecting plugs for use with radio apparatus. 181,254; Oct. 30.
Dudley & Co., Fairport, N. Y. Baking powder, bicarbonate of soda, gloss starch. 179,859; Aug. 28.
Dudley Gum Company, Nashville, Tenn. Chewing gum. 161,040; Sept. 11.
Dudley, Hettie J., Richmond, Va. Fancy bags of cloth. 180,056; Sept. 4.
Dudley Lumber Company Inc., Memphis, Tenn. Logs and rough lumber. 178,598; July 24.
Dudley Paper Co., The, Lansing, Mich. Kraft paper for wrapping purposes. 173,594; Mar. 6.
Duds Co. (See Winter, Charles A.)
Duffy, F. S., doing business as The F. S. Duffy Medicine Co., New Bern, N. C. Antimalarial tablet. 175,547; May 15.
Duffy-Mott Company, Inc., New York, N. Y. Vinegars. 165,068; Sept. 25.

Duffy-Mott Company, Inc., New York, N. Y. Vinegars. 165,070; Jan. 9.
Dugan & Hudson Co., Rochester, N. Y. Leather boots and shoes. 166,655; May 22.
Dugan & Hudson Co., Rochester, N. Y. Leather shoes. 175,599; July 10.
Duluth Paper and Stationery Co., Duluth, Minn. Crape, toilet, and wrapping paper, tablets, and notebooks. 181,437; Oct. 16.
Dunbar Molasses & Syrup Co., New Orleans, La. Table sirup and molasses. 165,529; Feb. 6.
Dunbar Molasses & Syrup Co., New Orleans, La. Table sirup and molasses. 167,090; Apr. 24; Serial No. 165,529; published Feb. 6, 1923.
Duncan Chemical Company, Albany, Ala. Medicines and insecticides. 168,518; Apr. 3.
Duncan, W. H., Co. Inc., New York, N. Y. Waterproofed textiles and fabrics used in the manufacture of automobile tops and covers, and side curtains. 149,273; Mar. 27.
Dunco Metal Products Co., Los Angeles, Calif. Sheet-metal products, corner irons, plaster bead, etc. 183,471; Oct. 30.
Dunhill, Alfred, of London, Inc., New York, N. Y. Pipes, cigar and cigarette holders, and tobacco pouches. 179,263; July 10.
Dunhill, Alfred, of London, Inc., New York, N. Y. Pipes, cigar and cigarette holders, and tobacco pouches. 179,265; Oct. 23.
Dunlap & Co., New York, N. Y. Hats. 180,657; Sept. 11.
Dunlap & Co., New York, N. Y. Straw and felt hats. 184,786; Nov. 27.
Dunlevy Packing Company, Pittsburgh, Pa., assignor to Dunlevy-Franklin Company. Butter, oleomargarine, eggs, lard, etc. 150,310; Aug. 7.
Dunlevy Packing Company, assignor to Dunlevy-Franklin Company, Pittsburgh, Pa. Butter, oleomargarine, eggs, meats, etc. 150,311; Sept. 11.
Dunlevy Packing Company, assignor to Dunlevy-Franklin Company, Pittsburgh, Pa. Butter, margarines, eggs, lard, etc. 155,668; July 24.
Dunlop Milling Co., Clarksville, Tenn. Self-rising flour. 160,592; Nov. 20.
Dunlop Milling Co., Clarksville, Tenn. Wheat flour. 162,808; June 5.
Dunlop Milling Company, The, Clarksville, Tenn. Self-rising flour. 182,740; Nov. 13.
Dunlop Mills. (See Warner, Moore & Co.)
Dunn, Eli H., doing business as Eli Laboratory, and E. H. Dunn & Co., Kansas City, Mo. Medical product. 172,086; Aug. 7.
Dunn, John, Son & Co., New York, N. Y. Shovels and spades. 172,037; Apr. 10.
Dunton, M. W., Co., The. (See Chapman, Frank.)
Dunwoody Halsey, Paris, France. Penholders and black and colored pencils. 150,154; Mar. 20.
Dunwoody, Halsey, Paris, France. Pharmaceutical preparations for rheumatism, bronchitis, etc. 174,959; Aug. 14.
Duo-Art Belleek Co., Trenton, N. J., and Newtown Borough, Pa. Pottery ware. 185,209; Dec. 4.
Duophone Syndicate Limited, The, London, England. Talking machines. 181,015; Oct. 9.
Duplan Silk Corporation, New York, N. Y. Silk piece goods. 175,473; Apr. 3.
Duplan Silk Corporation, New York, N. Y. Silk piece goods. 178,970–1; June 12.
Duplan Silk Corporation, New York, N. Y. Silk piece goods. 178,973–9; June 12.
Duplan Silk Corporation, New York, N. Y. Silk piece goods. 181,255–60; July 17.
Duplan Silk Corporation, New York, N. Y. Silk piece goods. 183,262; Sept. 25.
Duplan Silk Corporation, New York, N. Y. Silk piece goods. 187,208–9; Dec. 25.
Du Pont, E. I., de Nemours & Company, Wilmington, Del. Dyestuffs. 149,954; Jan. 2.
Du Pont, E. I., de Nemours & Company, Wilmington, Del. Collars for personal wear. 160,053; Jan. 9.
Du Pont, E. I., de Nemours & Company, Wilmington, Del. Lacquers and enamels. 162,384; June 19.
Du Pont, E. I., de Nemours & Company, Wilmington, Del. Clocks. 170,235; Mar. 27.
Du Pont, E. I., de Nemours & Company, Wilmington, Del. Toilet articles, comprising manicure implements. 170,236; Feb. 13.
Du Pont, E. I., de Nemours & Company, Wilmington, Del. Boxes and containers comprising boxes and containers for cream, salve, jewels, talcum powder, etc. 170,237; Mar. 13.
Du Pont, E. I., de Nemours & Company, Wilmington, Del. Hair combs, shoehorns, buttonhooks, and pincushions. 170,238; Mar. 13.
Du Pont, E. I., de Nemours & Company, Wilmington, Del. Hand mirrors, picture frames. 170,239; May 8.
Du Pont, E. I., de Nemours & Company, Wilmington, Del. Brushes. 170,240; Mar. 13.
Du Pont, E. I., de Nemours & Company, Wilmington, Del. Pyroxylin, nitrocellulose, pyroxylin and artificial ivory. 170,241; Mar. 13.
Du Pont, E. I., de Nemours & Company, Wilmington, Del. Fungicide, seed disinfectant, general disinfectant. 172,263; Mar. 13.
Du Pont, E. I., de Nemours & Company, Wilmington, Del. Dyestuffs, dyestuff intermediates, and chemicals. 172,869; Sept. 11.
Du Pont Engineering Company, Wilmington, Del. Metallic alloys. 178,981; Sept. 18.
Dupuis-Rickman Engraving & Embossing Co., Chicago, Ill. Greeting cards. 157,560; June 12.
Dura Company, The, Toledo, Ohio. Window regulators. 169,803; May 8.
Dura Film Protector Co., Inc., New York, N. Y. Motion-picture films, photographic transparencies, raw films, and photographic supplies, etc. 170,477; Feb. 6.
Durabell Mills Co., The. (See Kronovet, Joseph A.)
Durable Products Company, The, Cleveland, Ohio. Semi-liquid asbestos roof coating. 175,190; Aug. 7.
Durard Desk Mfg. Co., Los Angeles, Calif. Desks. 166,736; June 12.
Dur-A-Tone Record Co. (See Davis, George H.)
Durbrow & Hearne, New York, N. Y. Straw-sewing machines. 174,821; Mar. 20.
Durbrow & Hearne, New York, N. Y. Cutting machines for use in the manufacture of hats. 174,822; June 19.
Durbrow & Hearne, New York, N. Y. Straw-sewing machines. 174,823; Mar. 20.
Durez Company, Inc. (See Industrial Molded Materials Company, assignor.)
Durkee-Atwood Co., Minneapolis, Minn. Pedal covers. 174,612; May 1.
Duro Pump & Manufacturing Company, The, Dayton, Ohio. Pneumatic pressure systems, pumps, and fluid-pressure motors, explosive engines, and parts thereof. 171,630; Jan. 2.
Duryea Manufacturing Company, Bayonne, N. J. Belt dressing. 173,742; June 12.
Dutkanych, Theodore F., Chicago, Ill. Cigars. 180,171; July 10.
Dutra, John F., doing business as Galtra Manufacturing Co., Fall River, Mass. Furniture polish. 164,792; Mar. 27.
Dutton, James, Philadelphia, Pa. Preparation for treatment of the bowels. 182,705; Oct. 30.
Dwelle-Kaiser Co., The, Buffalo, N. Y. Window glass. 169,628; Nov. 6.
Dwinell-Wright Company, Boston, Mass. Coffee. 154,793; May 1.
DX Instrument Company. (See Hipple, Solomon R., assignor.)
Dyas, Bernal H., Los Angeles, Calif. Portable ninepin game. 187,376; Dec. 18.
Dyer Company, The, Cambridge, Mass. Radio apparatus. 170,478; Jan. 9.
Dyer, B. H., Company, Philadelphia, Pa. Hot bottles for medical purposes. 169,053; Apr. 3.
Dyer, Harry B., doing business as National Safe Protector Co., Minneapolis, Minn. Noxious-gas-producing liquid for the protection of safes and the like. 182,963; Dec. 25.
Dyestuffs & Chemicals, Incorporated, St. Louis, Mo. Coal-tar dyes, colors, and intermediates. 176,789; June 12.
Dyestuffs & Chemicals, Incorporated, St. Louis, Mo. Coloring matter for butter. 176,790; July 17.
Dyx Hosiery Co., Cincinnati, Ohio. Hosiery. 165,021; Feb. 13.
E. B. Candy Co. (See Carametos, John J. M.)
E. K. Co., The. (See Kraemer, Edmund M.)
Eads, William H., Bristol, Va. Candy. 168,759; Apr. 17.
Eagle Carburetor Company, The, Cleveland, Ohio. Carburetors and structural parts and fittings therefor. 178,434; July 3.
Eagle Carburetor Company, The, Cleveland, Ohio. Carburetors and parts thereof. 181,823; Sept. 11.
Eagle, J. H. & C. K., Inc., Shamokin, Pa., and New York, N. Y. Silk fabrics in the piece. 151,154; Mar. 13.
Eagle Nest Hatchery. (See Little, Henry, & Sons.)
Eagle Picher Lead Company, The, Cincinnati, Ohio. Pure white lead. 170,757; Apr. 3.
Eagle Picher Lead Company, The, Cincinnati, Ohio. Pure white lead. 170,758; Feb. 13.
Eagle Skirt Company, New York, N. Y. Women's bloomers, pantalets, and petticoats. 171,490; June 26.
Eagle, Tea & Coffee Company, Inc., The, New York, N. Y. Coffee and tea. 176,672; May 22.
Earl Fruit Company, Sacramento, Calif. Fresh cantaloupes. 168,403; Mar. 6.
Earl Fruit Company, Sacramento, Calif. Fresh deciduous fruits. 170,010; Aug. 7.
Earl Fruit Company of The Northwest, Spokane, Wash. Fresh apples. 177,282; May 29.
Earl, Grace D., Chicago, Ill. Face powder, perfume, rouge, etc. 162,729; Aug. 28.
Earle Textile Company, Morgantown, N. C. Hosiery. 173,351; June 26.
East Coast Trading Co., Baltimore, Md. Shell and grit. 173,075; June 19.
East Side Bottling Works, Detroit, Mich. Beverages sold as soft drinks. 182,437; Oct. 30.
East Tennessee Packing Company, Knoxville, Tenn. Bacon, ham, boiled ham, sugar-cured meats. 161,622; Jan. 9.
Easter Fish Company, Norfolk, Va. Fresh fish and oysters. 177,900; June 12.

Alphabetical list of trade-mark applicants—Continued.

Eastern Auto Products Co., Providence, R. I. Chemical carbon remover for internal-combustion engines. 167,076; June 5.
Eastern Foundry Company, The, Boyertown, Pa. Cast-iron pipe and fittings and other plumbers' supplies. 178,095; June 12.
Eastern Foundry Company, The, Boyertown, Pa. Cast-iron pipes, cast-iron bends, etc. 178,557; Nov. 27.
Eastern Hair Net Trading Co., New York, N. Y. Hair nets. 172,267; Jan. 30.
Eastern Hat & Cap Co., Inc., New York, N. Y. Women's and children's hats. 165,670; Jan. 30.
Eastern Specialty Company, The, Philadelphia, Pa. Electrical instruments for central-station uses. 176,792; Oct. 9.
Eastern Specialty Company, The, Philadelphia, Pa. Artificial load transformers, testing switches, etc. 176,887; Oct. 30.
Eastern States Farmers' Exchange, Springfield, Mass. Mixed feed for cattle. 182,142; Oct. 2.
Easting Windscreens Limited, Birmingham, England. Wind screens for use with vehicles. 171,987; Apr. 24.
Eastman Kodak Company, Rochester, N. Y. Photographic shutters. 180,846; July 10.
Eastman Kodak Company, Rochester, N. Y. Photographic shutters. 187,097; Dec. 25.
Eastmond, John E., doing business as Work Savers Company, Brooklyn, N. Y. Treated cloth for dusting and polishing. 173,181; Mar. 27.
Easton, Gilbert J., Newark, N. J. Vegetable relishes. 172,149; May 8.
Easton, Henry P. jr., doing business as Easton Odor-Lue Co., Denver, Colo. Odor-preventing preparation. 186,358; Dec. 11.
Easy-Go-Lax Relief Co. (See Birchfiel, Carl R.)
Eaton Axle & Spring Company, The, Cleveland, Ohio. Automobile bumper. 186,632; Dec. 11.
Eaton Flour Mills. (Cee Colorado Milling & Elevator Company.)
Eavenson, J., & Sons Incorporated, Philadelphia, Pa., and Camden, N. J. Soap. 183,263; Oct. 16.
Eberhard Faber Pencil Company, Brooklyn, N. Y. Lead pencils. 177,835; June 19.
Eberhardt, Robert, doing business as Pull-Grip Electric Company, New York, N. Y. Incandescent-lamp sockets, fuse sockets, and switches. 180,923; Sept. 4.
Eberle, Francis X., Los Angeles, Calif. Containers made of wood or metal for merchandise. 172,936; Apr. 3.
Ebling Company, The, New York, N. Y. Concentrated commercial diastase. 181,065; Aug. 21.
Ebrey Chemical Works, New York, N. Y. Medicines for gallstones, etc., laxative pills, etc. 180,057; Nov. 6.
Eckelkamp, John, doing business as Parkview Electric Company, St. Louis, Mo. Electric time switches, light flashes, transformers, motors, etc. 177,689; July 10.
Eckman Chemical Company, Omaha, Nebr. Insecticide. 159,504; Nov. 20.
Ec-Ko-Beverage Corporation, Newark, N. J. Beverage sold as a soft drink. 171,307; Jan. 2.
Eclipse Knitting Mills. (See Berger, Isodor.)
Eclipse Shoe Manufacturing Company, Mexico, Mexico. Rubber heels. 169,706; Feb. 27.
Eclipse Specialty Manufacturing Company, Chicago, Ill. Timers for internal-combustion engines. 171,266; Jan. 9.
Ecometer Manufacturing Company, Inc., Orange, N. J. Ignition-timing devices for internal-combustion engines. 151,151; Apr. 24.
Econ Oil & Gas Company, The, Lima, Ohio. Gasoline, kerosene, motor oils, greases, and lubricating oils. 172,641; Feb. 13.
Economic Perfume Manufacturing Co. (See Saluzzi, Pasquale.)
Economos, Michael, Oak Park, Ill. Candy bars. 164,310; Feb. 6.
Economy Cooker Company, Providence, R. I. Steam-pressure cookers. 183,562; Dec. 18.
Economy Engineering Company, Chicago, Ill. Racks for supporting barrels and the like. 172,038; Jan. 30.
Economy Fuse and Manufacturing Company, Chicago, Ill. Electrical fuses. 186,318; Dec. 4.
Economy Plumber Company, The. (See Hercules Chemical Co.)
Economy System Co., Inc., New York, N. Y. Clothes racks and hangers. 174,513; May 22.
Economy Wiping Materials Co., Inc., New York, N. Y. Pieces of fabric used for polishing, cleaning, or dusting. 182,468; Oct. 2.
Edco Manufacturing Co. (See Conroy, Harry E.)
Eddine Manufacturing Co., The, Cleveland, Ohio. Medicinal agents for the external treatment of bodily pains. 175,548; June 5.
Eddy, D., and Sons Company, Boston, Mass. Refrigerating apparatus. 179,994; July 3.
Edel's, S. T., Sons, Baltimore, Md. Butter. 161,415; Sept. 11.
Edelstein Company, New York, N. Y. Watches and watchcases. 174,895; June 5.
Ederer Bros., Chicago, Ill. Candies. 174,563; Dec. 25.
Edgar Chemical Company, The, Cleveland, Ohio. Liniments. 157,417; May 1.
Edgerton Manufacturing Co., The, Plymouth, Ind. Baskets. 183,698; Sept. 11.

Edison Pen Company, Incorporated, Petersburg, Va. Lead pencils. 163,385; Feb. 13.
Edison, Thomas A., Incorporated, West Orange, N. J. Devices for controlling the starting and stopping of phonographic apparatus. 139,518; May 15.
Edith, Frances. (See Gallagher, James T.)
Edmonds Shoe Company, Milwaukee Wis. Leather shoes. 174,514; Apr. 17.
Edral Company, Cincinnati, Ohio. Chemicals consisting of a tooth paste, mouth wash, etc. 178,238; July 17.
Edson Bros., Philadelphia, Pa. Tomato sauce. 169,239; Mar. 6.
Edtbauer, E., & Co., Chicago, Ill. Weighing machines, 144,669; Jan. 30.
Edward Lyman Bell, Inc., New York, N. Y. Monthly magazine. 172,662; Feb. 27.
Edwards, A. M., Incorporated, Atlanta, Ga. Hair tonics and scalp preparation. 170,011; Apr. 3.
Edwards, C. D. Manufacturing Co., Albert Lea, Minn. Road drags, ditches, graders, and scrapers, and offset engine hitches. 168,210; Jan. 23.
Edwards & Company, Inc., New York, N. Y. Radio receiving sets. 165,533; Feb. 20.
Edwards, Frank M., Milwaukee, Wis. Trees, plants, shrubs, and bushes. 178,831; July 17.
Edwards, Nora C., doing business as Edwards Skirt Supporter Co., Buffalo, N. Y. Iron-rust, ink, and stain soap. 177,658; Aug. 7.
Edwards, Perc, doing business as Standard Engineering & Lubricating Co., New York, N. Y. Leather lubricator or dressing. 182,237; Oct. 16.
Edwards, Perc, doing business as Standard Engineering & Lubricating Co., New York, N. Y. Water neutralizer, scale remover, and scale preventive for boilers. 182,238; Nov. 13.
Egan-Dryfoos Distributing Co., San Francisco, Calif. Shoes. 172,526; Dec. 25.
Eggimann, Charles F., Springfield, Oreg. Cough drops. 183,445; Nov. 20.
Eglington, Ferdinand, Walsall, England. Bits, stirrups, spurs, etc. 180,368; Oct. 16.
Egoval Chemical Co. (See Voge, A. Law.)
Egyptian Lacquer Manufacturing Company, The, New York, N. Y. Lacquers, lacquer thinners, and enamels. 179,186; July 10.
Egyptian Lacquer Manufacturing Company, The, New York, N. Y. Lacquers, lacquer thinners, and enamels. 179,187; Oct. 23.
Egyptian Seed Growers Exchange, Flora, Ill. Grass and field seed. 170,759; Apr. 10.
Ehmann, Julius, doing business as Olivine Laboratories, Newark, N. J. Hair tonics. 170,810; Feb. 13.
Ehmann Olive Company, Oroville, Calif. Canned baked beans with pork. 168,359; Apr. 24.
Ehrlich, H., & Sons Mfg. Co., St. Joseph, Mo. Disinfectant in powdered form. 166,051; Jan. 2.
Ehrlich, Isadore, doing business as Rockaway Pharmacal Co., New York, N. Y. Preparation to relieve indigestion, heartburn, and gases. 181,113; Oct. 30.
Eiband, Ernest A., New Braunfels, Tex. Cushion for vehicles. 181,518; Oct. 16.
Eichhold, Harry C., doing business as Eichhold & Company, New York, N. Y. Handkerchiefs. 183,444; Sept. 18.
Eimer & Amend, New York, N. Y. Antiseptic and healing ointment. 170,569; Feb. 13.
Eimer & Amend, New York, N. Y. Beaker tongs. 174,691; Apr. 10.
Eimer & Amend, New York, N. Y. Antiseptic and healing ointment for eczema, piles, burns, etc. 182,504; Nov. 13.
Einstein, J., Inc., New York, N. Y. Cotton, duck, and canvas piece goods. 180,793; July 17.
Eisele & Co., Nashville, Tenn. Clinical thermometers, hypodermic and urethral syringes, eye droppers, etc. 173,959; Apr. 3.
Eiseman, Samuel, & Co. Inc., New York, N. Y. Silk piece goods and silk and cotton mixture piece goods. 171,691; June 5.
Eisenberg, M. L., doing business as Capital City Bottling Company, Montgomery, Ala. Beverage sold as a soft drink. 175,349; May 15.
Eisenberg, M. L., doing business as Capital City Bottling Company, Montgomery, Ala. Ginger ale. 175,350; May 15.
Eisenberg, M. L., doing business as Capital City Bottling Company, Montgomery, Ala. Maltless soft drinks. 175,351; May 15.
Eisendrath, Joseph N., Company, The, Chicago, Ill. Leather gloves, gauntlets, and mittens. 173,466–8; Apr. 10.
Eisendrath, Joseph N., Company, The, Chicago, Ill. Leather gloves, gauntlets, and mittens. 173,469; July 24.
Eisendrath, Joseph N., Company, The, Chicago, Ill. Leather gloves, gauntlets, and mittens. 173,470; Apr. 10.
Eisendrath, Joseph N., Company, The, Chicago, Ill. Leather gloves, gauntlets, and mittens. 173,471; May 22.
Eisendrath, Joseph N., Company, The, Chicago, Ill. Leather gloves, gauntlets, and mittens. 173,472–3; Apr. 10.

Eisendrath, Joseph N., Company, The., Chicago, Ill. Leather gloves, gauntlets, and mittens. 173,474; July 24.
Eisendrath, Joseph N., Company, The, Chicago, Ill. Leather gloves, gauntlets, and mittens. 173,475–6; Apr. 10.
Eisendrath, Joseph N., Company, The, Chicago, Ill. Leather gloves, gauntlets, and mittens. 173,477; July 24.
Eisendrath, Joseph N., Company, The, Chicago, Ill. Leather gloves, gauntlets, and mittens. 173,478; Apr. 10.
Eisenlohr, Otto, & Bros. Incorporated, Philadelphia, Pa. Cigars. 177,477; Apr. 24.
Eisenlohr, Otto, & Bros. Incorporated, Philadelphia, Pa. Cigars. 186,888; Dec. 25.
Eisenstadt Manufacturing Company, St. Louis, Mo. Bracelets, wristlets, neck chains, watch chains, etc. 180,211; July 10.
Eisold, Alfred G., doing business as Eisold's Flavor & Syrup Co., Milwaukee, Wis. Flavoring extract for soft drinks. 170,129; Aug. 28.
Ekko Company, The, Chicago, Ill. Radio phonograph adapters. 181,519; Dec. 18.
Elastic Tip Co., The. (See Stetson, George A.)
El Comercio Publishing Corporation, New York, N. Y. Monthly magazine. 184,544; Nov. 6.
Eldredge, Frank M., doing business as Gem Manufacturing Company, Detroit, Mich. Electric ranges. 171,788; Feb. 13.
Electrad Corporation of America, New York, N. Y. Vacuum tubes. 173,960; Apr. 3.
Electrad Corporation of America, New York, N. Y. Variable resistance units. 179,091; Oct. 9.
Electric Appliances, Inc., Muncie, Ind. Electric stoves. 179,401; June 26.
Electric Boat Company, Bayonne, N. J. Boats. 182,706; Nov. 27.
Electric Heat Unit Co., St. Louis, Mo. Electrical soldering irons. 179,402; June 26.
Electric Outlet Company, Inc., New York, N. Y. Outlet boxes. 173,129; Aug. 7.
Electric Regulator Mfg. Corp., New York, N. Y. Compression rheostats, lamp sockets, electric flatirons, etc. 181,439; Oct. 23.
Electrical Alloy Company, The, Morristown, N. J. Electric resistance materials. 165,365; Sept. 4.
Electrical Appliance Manufacturing Company, The, Waterbury, Conn. Oven thermometers. 186,274; Nov. 20.
Electrical Specialty Company, Columbus, Ohio. Electrical apparatus. 151,150; Oct. 23.
Electro-Magnetic Tool Company, Cicero, Ill. Electric drills, hammers, and grinders. 171,068; Jan. 9.
Electro Silicon Co., The, New York, N. Y. Preparation for cleaning and removing stains from clothing, upholsteries, etc. 167,461; Feb. 6.
Electronic Equipment Company. (See Sidney, Charles W.)
Electronic Remedy Co., Chicago, Ill. Laxative herb teas, medicines for disorders of the stomach, liver, kidneys, and intestines. 165,538; Jan. 2.
Elektrizitatswerk Lonza, Gampel and Basel, Switzerland. Burners for lighting, heating, and cooking purposes. 166,777; Feb. 6.
Elektrizitatswerk Lonza, Gampel and Basel, Switzerland. Agglomerates of solid aldehyde methylalcohol, and ethylalcohol for heating and lighting purposes. 166,778; Jan. 2.
Elektrizitatswerk Lonza, Gampel and Basel, Switzerland. Agglomerates of solid aldehyde, solid methyl alcohol, and solid ethyl alcohol. 183,699; Nov. 13.
Elephant Studios, San Francisco, Calif. Artists' sets for children. 163,622; Dec. 11.
Eleveyor Electric Industrial Truck Co., Brooklyn, N. Y. Industrial trucks. 170,012; Feb. 13.
Elfers, William R., New York, N. Y. Articles made of or plated with precious metals. 179,139; Aug. 21.
Elgin Silversmith Co., New York, N. Y. Silverware. 178,982; Aug. 21.
Elgot and Giuntini, New York, N. Y. Maltless soda fountain sirups for soft drinks. 177,659; July 3.
Eli Boot Shop Co., The, New Haven, Conn. Boots and shoes. 173,629; May 8.
Eli Laboratory. (See Dunn, Eli H.)
Eli Lilly & Company, The, Indianapolis, Ind. Medicinal preparation for the treatment of diabetes and to lower blood sugar, etc. 166,382; May 15.
Eliason, Frances A., Muscatine County, Iowa. Vaginal suppositories. 178,660; Nov. 6.
Eliaves, Alexander P., doing business as A. Louis Manufacturing Co., Washington, D. C. Hair tonic. 166,940; Jan. 2.
Eline's Incorporated, Milwaukee, Wis. Chocolate. 186,319; Dec. 18.
Elinette Co. (See Mason, David.)
Elite Confectionery Co., El Paso, Tex. Frozen confections. 166,663; Jan. 23.
Elite Confectionery Co., El Paso, Tex. Frozen confections. 166,664; Jan. 16.
Elite Fur Shop, Inc., Kansas City, Mo. Fur coats, capes, neck pieces, collars, and jackets. 183,447; Nov. 20.
Elite Glove Co., Gloversville, N. Y. Leather gloves. 177,172; Sept. 11.
Elizabeth Arden. (See Lewis, Florence N.)
Elizabeth Candy Shops, The. (See Steeves, Elizabeth.)
Elizabeth City Hosiery Co. Inc., Elizabeth City, N. C. Hosiery. 176,888; Aug. 14.
Elk Mountain Orchard Co., Asheville, N. C. Fresh apples. 166,356; Apr. 24.
Elkhart Band Instrument Company, The, Elkhart, Ind. Musical instruments and supplies. 170,972; Feb. 6.
Elkhorn Coal Company, Lexington, Ky. Coal. 180,593; Aug. 21.
Elkin, Joseph, Omaha, Nebr. Refrigerators. 183,264; Nov. 6.
Elkin Turn Shoe Company, Philadelphia, Pa. Shoes, oxfords, pumps, and slippers for ladies, misses, and children. 167,804; Feb. 27.
Elkins Medicine Co., Philadelphia, Pa. Vitamine tonic for the treatment of gland troubles, nervousness, etc. 182,143; Nov. 13.
Elkton Lithia Bottling Company. (See Flory, I. L.)
Eilenbogen, Sidney A., Paterson, N. J. Wearing apparel. 186,546; Dec. 11.
Ellerson, Henry W., doing business as Atlantic Blotting Paper Mills Co., Richmond, Va. Blotting paper. 185,820; Dec. 11.
Elliot, James F., doing business as Stillwater Orchards Co., Courtland, Calif. Fresh deciduous fruits. 184,661; Dec. 4.
Elliott, Clyde E., New York, N. Y. Pictures to be projected upon a screen, motion-picture films, machines for taking and projecting pictures, and screens. 162,389–91; Feb. 27.
Elliott, Clyde E., New York, N. Y. Pictures, motion-picture films, machines for taking and projecting pictures, etc. 162,392; Mar. 13.
Elliott Company, The, Kittery, Me. Addressing machinery and equipment and supplies therefor. 172,642; May 1.
Elliott Company, The, Kittery, Me., and Cambridge, Mass. Stencil cabinets. 180,693; Sept. 11.
Elliott, J. S., Coffee Company, Newville, Pa. Coffee. 159,746; May 8.
Ellis, John S., doing business as Shirland Knitting Mills, Philadelphia, Pa. Knitted coats, jackets, and sweaters. 175,076; June 26.
Ellis Resilient Wheel Corporation, Seattle, Wash. Wheels of automobiles and industrial cars. 178,239; July 17.
Ellison, John B., & Sons, Philadelphia, Pa. Wool, worsted, cotton, or mixtures piece goods. 182,536; Oct. 9.
Elm City Candy Co., Inc., The, New Haven, Conn. Candy. 147,719; May 15.
Elm Refining Company, Stamford, Conn. Dental alloy and dental gold and silver. 178,717; Sept. 4.
Elmer Candy Co., Inc., New Orleans, La. Candy. 175,077; July 3.
Elmer Candy Co., Inc., New Orleans, La. Candy. 175,229; July 3.
Elmer Candy Co., Inc., New Orleans, La. Candy. 179,860; Dec. 25.
Elmo, Inc., Philadelphia, Pa. Deodorants. 171,352; Feb. 20.
El Monte Canning Co., El Monte, Calif. Canned fruits and vegetables. 180,531; Aug. 14.
Elowsky, S. M., & Co., Brooklyn, N. Y. Athletic apparel. 177,478; Sept. 4.
Elpho Pharmacal Company. (See Helfand, Leopold E.)
El Rey Club Tamale & Enchilada Corporation. (See Griebnow, Frederick W.)
Elson & Church, Los Angeles, Calif. Fireplaces. 177,431; June 5.
Elvin Company, The. (See Meyer, Peter.)
Ely, Mark C., doing business as Vita Products Company, Butte and Clancey, Mont. Rye breakfast cereal. 166,357; Mar. 20.
Ely & Walker Dry Goods Company, St. Louis, Mo. Cotton piece goods. 176,017; Apr. 10.
Ely & Walker Dry Goods Company, doing business as Lincoln Knit Goods Mills, St. Louis, Mo. Sweaters. 177,283; June 26.
Ely & Walker Dry Goods Company, doing business as Lincoln Knit Goods Mills, St. Louis, Mo. Sweaters. 177,284; June 19.
Ely & Walker Dry Goods Company, St. Louis, Mo. Knitted coats. 178,096; Sept. 11.
Ely & Walker Dry Goods Company, St. Louis, Mo. Men's neckties. 184,440; Nov. 20.
El Zair, Inc. (See Thompson-Barlow Company, assignor.)
Emack, John D., Company, The, Philadelphia, Pa. Roofing slate. 179,034; Nov. 27.
Embassy Manufacturing Corporation, New York, N. Y. Athletic underwear for men. 165,488; Feb. 6.
Emblem Manufacturing Company, Angola, N. Y. Cycles. 169,159; Dec. 4.
Emblem Manufacturing Company, Angola, N. Y. Bicycles. 169,160; Aug. 28.
Emblem Manufacturing Company, Angola, N. Y. Cycles—namely, bicycles and motor cycles. 169,161; Aug. 7.
Embourg Textile Co., Inc., New York, N. Y. Textile wash cloth and towel. 171,013; Feb. 20.
Embro Medicine Company. (See Shinbaum, Ernest.)

Alphabetical list of trade-mark applicants—Continued.

Emeis, Harry P., doing business as Stero-Oil Company, San Diego, Calif. Lubricating and sterilizing medium for dental instruments. 177,433; Aug. 28.
Emery & Beers Company, Inc., assignor to Onyx Hosiery Inc., New York, N. Y. Hosiery. 171,122; Oct. 30.
Emery, John R., Wakefield, Mass. Doorstops. 180,794; Aug. 14.
Emeterio, Flores, New York, N. Y. Spanish paprika and spices. 174,567; July 24.
Emlet-Winebrenner Co., Hanover, Pa. Dobell's solution, witch-hazel, chloroform lozenges, etc. 166,052; Nov. 6.
Empire Biochemical Company, New York, N. Y. Skin-sterilizing preparation used in sugery. 172,373; Feb. 27.
Empire Carpet Co., New York, N. Y. Floor covering. 179,092; June 19.
Empire Cheese Company, New York, N. Y. Cheese. 157,092; Dec. 11.
Empire Chemical Co. (See Connolly, Ira.)
Empire Food Products Company, New York, N. Y. Powdered milk and a powder for making a beverage similar to cocoa. 151,358; Apr. 3.
Empire Hosiery Corporation. (See Van Brunt, W. C., assignor.)
Empire Shield Co., New York, N. Y. Dress shields. 159,308; Mar. 27.
Empire Silk Company, Wilmington, Del., and New York, N. Y. Silk piece goods. 177,368; May 1.
Empire Silk Company, Wilmington, Del., and New York, N. Y. Silk piece goods. 179,663; July 31.
Empire Silk Company, Wilmington, Del., and New York, N. Y. Silk piece goods. 181,177; Sept. 25.
Empire Silk Company, Wilmington, Del., and New York, N. Y. Silk piece goods. 181,178; July 17.
Empire Silk Company, Wilmington, Del., and New York, N. Y. Silk piece goods. 184,605; Oct. 2.
Empire Silk Company, Wilmington, Del., and New York, N. Y. Silk piece goods. 185,179; Oct. 16.
Empire Silk Company, Wilmington, Del., and New York, N. Y. Silk piece goods. 186,547; Dec. 11.
Empire Soap Company, Inc., New York, N. Y. Toilet soap. 176,889–90; Aug. 28.
Empire Tire & Rubber Corporation, Trenton, N. J. Pneumatic vehicle tires. 166,223; Apr. 17.
Emporium, The, San Francisco, Calif. Hair nets. 184,441; Oct. 23.
E-Nam-O Mfgrs., Chicago, Ill. Chemical preparation for coloring hair. 180,795; Aug. 14.
Endazoin Company, New York, N. Y. Salves and ointments for the skin. 184,026; Nov. 27.
Endel & Peles, New York, N. Y. Straw hats and hats partly of straw. 175,476; May 22.
Endicott Johnson Corporation, Endicott, N. Y. Leather shoes. 152,791; June 5.
Endicott Johnson Corporation, Endicott, N. Y. Leather. 167,078; Feb. 13.
Endicott-Johnson Corporation, Endicott, N. Y. Leather shoes. 168,520; Jan. 9.
Engel, Fried, & Company, Inc., New York, N. Y. Women's fur coats. 168,214; Jan. 9.
Engelhard, A., & Sons Company, Louisville, Ky. Coffees, teas, extracts for food-flavoring purposes, canned fruits, vegetables, fish, and rice. 130,663; Jan. 30.
Engelhard, A., & Sons Co., Louisville, Ky. Coffee. 169,289; Feb. 27.
Engineer Company, The, New York, N. Y. Oil burners, balanced draft equipment for furnaces, etc. 181,882; Nov. 20.
Englert Manufacturing Co., Pittsburgh, Pa. Electric batteries. 152,609; Apr. 3.
English, Geo., Jr., & Co., Shamokin, Pa. Hosiery and knitted underwear. 180,847; Aug. 7.
Engravograph Corporation, The, New York, N. Y. Electric engraving machines. 181,261; Sept. 4.
Enhelder, Jessie J., Fresno, Calif. Compound for treating colds, influenza, etc. 183,057; Nov. 13.
Enterprise Bed Company, Hammond, Ind. Swinging couches or davenports. 167,770; Dec. 18.
Enterprise Candy Company. (See Harris Woodson Co. Inc.)
Enterprise Foundry Company, Belleville, Ill. Pipe and pipeless cast-iron warm-air furnaces. 167,805; Aug. 21.
Enterprise Mattress Company, Boston, Mass. Mattresses. 181,066; Dec. 4.
Enterprise Paint Manufacturing Co., Chicago, Ill Ready-mixed and paste paints, varnishes, and paint enamels. 174,829; Apr. 17.
Enterprise Paint Mfg. Co., Chicago, Ill. Ready-mixed and paste paints, varnishes, paint enamels, wood fillers, etc. 172,735; Mar. 20.
Enterprise Paint Mfg. Co., Chicago, Ill. Ready-mixed and paste paints, varnishes, and paint enamels. 174,001–2; Apr. 3.
Enterprise Paint Mfg. Co., Chicago, Ill. Paints, varnishes, paint enamels, etc. 174,826; Sept. 11.
Enterprise Paint Mfg. Co., Chicago, Ill. Paints, varnishes and paint enamels. 174,827; Apr. 17.
Enterprise Paint Mfg. Co., Chicago, Ill. Dry, paste, and ready-mixed paints, varnishes, varnish removers, and enamel paints. 174,828; May 29.
Entwisle, Sadie I., New York, N. Y. Fabric gloves, hosiery, and knitted underwear. 168,673; Feb. 13.
Enzler, Emil, New York, N. Y. Perforated patterns used for stenciling designs to be embroidered. 170,812; Jan. 30.
Enzler, Emil, New York, N. Y. Waterproof ink for stenciling. 170,813; Feb. 20.
Ephraim Sanitary Canning Company, Ephraim, Utah, Canned vegetables. 166,298; Jan. 16.
Ephraim Sanitary Canning Company, Ephraim, Utah. Canned vegetables. 168,674; Aug. 14.
Ephraim Sanitary Canning Company, Ephraim, Utah. Canned vegetables. 169,477; Apr. 17.
Epperson, Frank W., Oakland, Calif. Frozen confections 180,330; Dec. 11.
Epstein, Isaac, Newark, N. J. Canned sardines. 182,204; Dec. 25.
Epstein, Isaac J., San Francisco, Calif. Medicinal preparations. 174,729; Sept. 11.
Equity Hosiery Mills, New York, N. Y. Hosiery. 179,592; July 10.
Erbar, Samuel M., doing business as Seroline Remedy Co., Red Wing, Minn. Preparation for the treatment of piles. 176,734; Oct. 23.
Erbjus Remedy Company, The. (See Walton, T. G. Company.)
Erbo Company, The, Pittsburgh, Pa. Beverages. 167,007; Jan. 9.
Erdmann, Emil W., St. Louis, Mo. Automobile bodies, tops, and wheels. 154,016; Nov. 20.
Erickson, Andrew C., Los Angeles, Calif. Leather boots and shoes. 174,613; May 22.
Eridanea Company, Inc., Brooklyn, N. Y. Almond oil, castor oil, castor oil aromatic, iron cinchona bitters, etc. 177,080; Sept. 11.
Erie County Milk Association, Erie, Pa. Ice cream. 167,237; Feb. 6.
Erie Steel Construction Company, Erie, Pa. Holding and measuring apparatus for stone, gravel, etc. 171,308; June 19.
Ernst, Victor C., Cleveland, Ohio. Cameras. 181,480; Sept. 25.
Erste Karlsruher Parfümerie- & Toiletteseifen-Fabrik, F. Wolff & Sohn, Gesellschaft mit beschränkter Haftung, Vienna, Austria. Perfume, toilet water, toilet powder, hair tonic, shampoo, etc. 173,708; Apr. 17.
Erste Karlsruher Parfümerie- & Toiletteseifen-Fabrik, F. Wolff & Sohn, Gesellschaft mit beschränkter Haftung, Vienna, Austria. Toilet soap and shaving powder. 173,709–10; Apr. 24.
Erwin Cotton Mills Co., The, West Durham, N. C. Denims in the piece. 137,451; Oct. 16.
Esco Manufacturing Co., New York, N. Y. Specially-treated strings used for stringing thereon ornamental beads. 183,101; Nov. 27.
Escondido Citrus Union, Escondido, Calif. Fresh oranges and lemons. 177,369; July 3.
Eshborn, Samuel, New York, N. Y. Phonographs and phonograph accessories. 173,702; June 26.
Eskay Products Company, Baltimore, Md. Mayonnaise dressing for foodstuffs. 167,230; Mar. 6.
Eskilstuna Stålpressnings Aktiebolag, Eskilstuna, Sweden. Metal lamp shades. 174,361; June 26.
Esleeck Manufacturing Co., Turners Falls, Mass. Manifold paper. 185,332; Oct. 30.
Esmond Mills, The, Esmond, R. I. Blankets, blanket fabrics, cotton piece goods, ribbons in the piece, auto robes, etc. 171,789–90; Jan. 2.
Esmond Mills, The, Esmond, Smithfield, R. I. Cotton blankets and cotton blanket piece goods. 173,703; May 15.
Esmond Mills, The, Esmond, Smithfield, R. I. Woven textile fabrics. 181,339; Aug. 7.
Esperson, Niels, doing business as Mid-Continent Clay Company, Peru, Kans. Building bricks and roofing tile. 171,586; July 3.
Esperson, Niels, doing business as Mid-Continent Clay Company, Peru, Kans. Building bricks and roofing tile. 171,587; Aug. 28.
Essandee Corporation, Los Angeles, Calif. Automobile accessories. 154,586; Feb. 20.
Essential Oil Company, New York, N. Y. Essential oils. 178,030; July 10.
Essentialized Flower Oil Company. (See Herroder, Theodore L.)
Establissements, Continsouza, Société Anonyme, Paris, France. Cinematographic projectors, and cameras, plates for fixed projections, etc. 142,754; Jan. 30.
Estall Company. (See Finlayson, Estelle B.)
Estate of Charles J. Fisk, deceased; Fisk and L. E. Waring, executors, Trenton Junction, N. J. Live poultry and eggs. 176,020; Aug. 14.
Estate of Constant Potential System, Fort Worth, Tex. Electrical apparatus consisting of an electrical generating machine and battery-charging benches. 160,396; Jan. 2.
Estate of J. M. Fey, by Peoples Savings & Trust Co., administrator, Hazleton, Pa. Coffee. 183,472; Dec. 4.
Estate of Julia V. H. Magee, Magnetic Springs, Ohio. Medicinal water. 161,493; May 29.
Estee Laboratories Co., Dallas, Tex. Hair dressing. 176,259; June 12.
Estes, St. Louis, Chicago, Ill. Monthly magazines. 179,716; Sept. 11.

Etablissements Poulenc Frères, Paris, France. Specific vaccine. 173,743; Oct. 30.
Etablissements Poulenc frères, Paris, France. Specific vaccine. 173,744; June 26.
Etablissements Poulenc Frères, Paris, France. Acetyl-amino-oxy-phenyl arsenic acid. 173,745; Sept. 11.
Etablissements Poulenc frères, Paris, France. Specific vaccine. 173,746–7; June 26.
Etablissements Poulenc frères, Paris, France. Double iodide of quinine and bismuth. 173,748; June 26.
Etablissements Poulenc frères, Paris, France. Specific vaccine. 173,749–50; June 26.
Etablissements Poulenc Frères, Paris, France. Sodium potassium, bismutho tartrate in glucose-aqueous solution. 173,753; Oct. 30.
Etablissements Poulenc Frères, Paris, France. Chemical preparation used as a hypnotic, sedative, or antiepileptic. 173,755; Oct. 30.
Establissements Poulenc Frères (Société Anonyme), Paris, France. Chemical compound for the treatment of syphilis. 173,756; Oct. 30.
Etablissements Poulenc Frères, Paris, France. Chemical compound. 173,757; Sept. 18.
Etablissements Poulenc frères, Paris, France. Barium sulphate. 173,758; June 26.
Etablissements Poulenc Frères, Paris, France. Chemical product used to convey vaccines. 173,758; Oct. 9.
Etablissements Reynier. (See Reynier & Cie., assignor.)
Etched Products Corporation, Long Island City, N. Y. Metallic hot-dish plaques. 176,075; July 24.
Ethicus Prompt Treatment Kit, Inc., New York, N. Y. Preparation for the relief of headache, pain, etc. July 177,729; July 10.
Etna Radio Co. Inc., New York, N. Y. Loud-speaking telephones, telephone receivers, transmitters, plugs, jacks, etc. 177,218; June 19.
Euclid Candy Company, Cleveland, Ohio. Candy. 144,611; Mar. 27.
Euclid Candy Co., The, Cleveland, Ohio. Candy. 176,171; July 3.
Euclid Candy Co., The, Cleveland, Ohio. Candy. 185,513; Dec. 25.
Eureka Smokeless Furnace Co., Chicago, Ill. New and rebuilt coal-burning furnaces. 156,269; Feb. 6.
Eureka Specialty Printing Company, Incorporated, Scranton, Pa. Paper for trading stamps, coupons, safety paper, etc. 178,240; May 29.
European Export Corporation, The, Washington, D. C. Olive oil. 185,748; Dec. 11.
European Radio Company. (See Goll, Robert E.)
Eustathopoulo, Nap., & Fils, New York, N. Y. Cotton goods in the piece. 165,990; Apr. 3.
Eustis, J. P., Manufacturing Company, Cambridge, Mass. Soap dishes, towel bars, hand rails, bath-brush holders, sponge holders, etc. 161,531; Feb. 27.
Eustis, J. P., Manufacturing Company, Cambridge, Mass. Medicine cabinets. 166,988; Jan. 2.
Eustis, James S., Woodland, Calif. Toasted almonds. 173,885; May 22.
Eustis Packing Co., The. (See Oyler, Chas. C., & Son.)
Eutaw Chemical Co. (See Case, James L.)
Evan Williams Company Limited, London, England. Shampoo powder. 170,715; Mar. 6.
Evans and Barnhill, Inc., San Francisco, Calif. Farming implements. 182,407; Oct. 18.
Evans Chemical Works, The, Portland, Oreg. Finger-nail polish, cleaner, and tonic. 175,388; May 22.
Evans, Emory J., Kenova, W. Va. Medicine and ingredients of medicine used for tuberculosis, bronchial trouble, etc. 172,324; Apr. 24.
Evans, Mrs. C. H., Wichita Falls, Tex. Salad dressing. 174,430; June 19.
Evans, S. W., & Son, Philadelphia, Pa. Umbrella and parasol ribs. 185,009–10; Oct. 2.
Evansville Oil & Grease Company, Evansville, Ind. Fuel oils and lubricating oils and greases. 177,902; May 29.
Evansville Packing Company, The, Evansville, Ind. Dressed poultry and lard. 171,531; May 1.
Evansville Packing Company, The, Evansville, Ind. Hams, bacon, sausage, lard, etc. 179,931; Oct. 16.
Evansville Tool Works, Evansville, Ind. Hammers, hatchets, axes, and wedges. 180,423; Nov. 20.
Evens & Howard Fire Brick Co., St. Louis, Mo. Fire brick. 179,995; Oct. 23.
Ever Ready Chocolate Co., The, Rochester, N. Y. Prepared chocolate. 179,997; Aug. 14.
Everam Co., The. (See Brown, Earle D.)
Everett and Barron Company, Providence, R. I. Compounds for cleaning, coloring, and polishing footwear. 166,817; Jan. 30.
Everett & Barron Co., Providence, R. I. Cleaning, coloring, and polishing preparation for footwear. 168,676; Jan. 2.
Everett, Heaney & Co. Inc., New York, N. Y. Printed shirtings and percales. 166,820; Apr. 24.
Everett, Heaney & Co. Inc., New York, N. Y. Printed shirtings and percales. 166,821; June 5.
Everett, Heaney & Co. Inc., New York, N. Y. Printed shirtings and percales. 166,823; Apr. 24.
Everett, Heaney & Co. Inc., New York, N. Y. Cotton print cloth in the piece. 170,571; Oct. 16.
Everett, Heaney & Co. Inc., New York, N. Y. Cotton piece goods. 173,182; Dec. 4.
Everett Knitting Works, Lebanon, N. H. Infants' knitted underwear, wrappers, and bands. 177,903; July 17.
Everett Knitting Works, Lebanon, N. H. Misses' and children's knitted underwear and sleeping suits. 177,904; July 17.
Everett Lawrence & Company, New Orleans, La. Deep-sea codfish. 162,304; Mar. 6.
Everite Novelty Company. (See Rothschild, Rae.)
Everite Patch Company. (See Cahill & Malone.)
Everlasting Yeast Company, Weiser, Idaho. Yeast cakes. 173,630; May 29.
Everstyle Hosiery Co., Cedarburg, Wis. Hosiery. 180,999; Aug. 7.
Evertasty Confection Co. (See Sperber, Samuel N.)
Everts, Walter W., assignor to Everts Angle Razor Corporation, New York, N. Y. Safety razors, blades, and parts thereof. 185,078; Dec. 11.
Everyday Piston Ring Company, Inc., Rochester, N. Y. Piston rings. 158,762; Feb. 6.
Evol Chemical Company. (See Weisberg, Emily R.)
Evonol Laboratories. (See Stemmler, Theodore W.)
Ewald, Cora, Brooklyn, N. Y. Toy dolls. 174,386; Apr. 10.
Ewald, Cora, Brooklyn, N. Y. Toy dolls. 174,515; Apr. 10.
Ewing, Charles E., doing business as Ewing Kutzit Soap Manufacturing Company, Lincoln, Nebr. Soap compounds. 180,424; Aug. 21.
Ewing, Joseph H., doing business as Diamond Manufacturing Company, Malta, Ohio. Gaming devices. 174,360; May 1.
Ewing, William I., Atlanta, Ga. Inner-tube patches, inner tubes, tire shoes, and automobile tires. 175,924; Aug. 21.
Ex Lent Manufacturing Co., Jamaica, N. Y. Shoe dressing. 161,722; Jan. 30.
Ex Pilo Manufacturing Company. (See Wodicska, Luise.)
Excel Company, Inc., The, Lawrenceburg, Ind. Rubbing alcohol for external use. 171,633; Mar. 27.
Excel Electric Co., The, Muncie, Ind. Electric cookers. 184,716; Nov. 20.
Excella Pattern Company, New York, N. Y. Dress patterns. 177,660; June 19.
Excella Pattern Company, New York, N. Y. Periodicals. 177,661; June 19.
Excello Shirt Co., Inc., New York, N. Y. Dress and negligee shirts, collars, pyjamas, night wear, and men's textile underwear. 164,699; Mar. 20.
Excello Shirt Co., Inc., New York, N. Y. Men's and boys' dress and negligee shirts. 165,363; Jan. 30.
Excelo Manufacturing Company. (See Head, Hamilton D.)
Excelsior Motor Mfg. and Supply Co., Chicago, Ill. Motorcycles and bicycles. 167,718; July 17.
Excelsior Underwear Co. Inc., New York, N. Y. Athletic underwear and pyjamas and shirts for men and boys. 171,910; July 3.
Exhaust Lock Company. (See Adams, Alonzo H.)
Exline & Exline Co., The, Dallas, Tex. Bond papers. 173,411; Apr. 24.
Expanded Metal Engineering Company, New York, N. Y. Metal lath and corner beads. 149,741; Jan. 30.
Exterminating Engineers of America, The. (See Patjens, Wm. S.)
Eye-Ryne Laboratories. (See Wahlenmaier, Frank C.)
Eyles, Laura J., Chicago, Ill. Dolls. 180,331; July 31.
E-Z Fluff Mfg. Co. (See Burgess, Roy J.)
E-Z-Way Co., Oakland, Calif. Soap in powdered form. 183,648; Dec. 4.
F. & A. Chemical Company, Boston, Mass. Automobile and furniture polishes. 168,742; Mar. 27.
F. & I. Tobacco Products Company. (See Zook, Charles A. B.)
Fabbrica Automobili e Velocipedi Edoardo Bianchi, Milan, Italy. Bicycles and motor cycles. 168,877; Jan. 30.
Faber, A. W., Stein, near Nuremberg, Germany. Lead pencils, pencil holders, colored pencils, chalk, etc. 168,961; Oct. 16.
Faber, Eberhard, Pencil Company, Brooklyn, N. Y. Pencils. 173,760; Mar. 6.
Fabrik Pharmacia, M. Schmidt & Co. (See Schmidt, Gerhard F.)
Fabrik Stolzenberg, Deutsche Bureau-Einrichtungs-Gesellschaft mit beschrankter Haftung, Oos, Germany. Typewriting machines and parts thereof and mechanical copying machines. 171,988; June 5.
Fabrique d'Horlogerie La Glycine, Bienne, Switzerland. Watches, clocks, and parts thereof. 181,740; Dec. 18.
Fabrique de Soie Artificielle de Tubize, Societe Anonyme, Brussels, Belgium. Artificial-silk threads and yarns. 154,406; Feb. 20.
Fabriques des Montres Zénith, Le Locle, Switzerland. Magnetos and electric motors. 171,014; Apr. 3.
Fabriques des Montres Zenith, Le Locle, Switzerland. Vehicle watches, clocks, alarm clocks, and parts of clocks. 171,015; June 5.
Fabyan & Company, Inc., New York, N. Y. Epsom salts, bicarbonate of soda, boric acid, borax, etc. 166,363; Jan. 9.
Fahrenwald, Frank A., Cleveland Heights, Ohio. Heat and corrosion resisting alloys in the form of castings and forgings. 176,332; May 22.

Alphabetical list of trade-mark applicants—Continued.

Fahys, Joseph, & Company, New York, N. Y. Plated flatware. 170,373; Feb. 20.
Fahys, Joseph, & Company, New York, N. Y. Watchcases. 175,777; Aug. 28.
Fahys, Joseph, & Company, New York, N. Y. Watchcases. 177,597; June 19.
Faicheny, G., Company, The, Watertown, N. Y. Clinical and medical thermometers, hypodermic syringes and needles. 166,226; Feb. 13.
Faichney, G., Company, The, Watertown, N. Y. Clinical and medical thermometers, hypodermic syringes and needles. 170,013; Jan. 9.
Fain, Jacob R., doing business as The Owl Disinfectant Company, Washington, D. C. Insecticide. 184,898–9; Dec. 18.
Fain, Jacob R., doing business as The Owl Disinfectant Company, Washington, D. C. Disinfectant. 184,900; Dec. 18.
Fain, Jacob R., doing business as The Owl Disinfectant Company, Washington, D. C. Insecticides and disinfectants. 184,901; Dec. 18.
Fair, The, Chicago, Ill. Men's and boys' suits and overcoats. 152,124; May 1.
Fair, The, Chicago, Ill. Women's knitted and textile undergarments. 164,881; Mar. 20.
Fair, The, Chicago, Ill. Children's sleds. 170,573; Jan. 30.
Fair, The, Chicago, Ill. Children's toy wagons. 170,973; Feb. 6.
Fair, The, Chicago, Ill. Laundry washing machines. 174,614; Apr. 3.
Fair, The, Chicago, Ill. Writing paper and envelopes. 182,793; Oct. 16.
Fair, William B., Habana, Cuba. Chocolate, cocoas, bonbons, caramels, crackers, butter, hams, etc. 154,080; Jan. 30.
Fair, William B., Habana, Cuba. Canned sausage. 163,675; Jan. 9.
Fair, William B., Habana, Cuba, and New York, N. Y. Evaporated milk and cream. 166,881–2; Feb. 27.
Fairbank, N. K., Company, The, New York, N. Y. Common soap. 177,905; June 5.
Fairbanks, Douglas, Los Angeles, Calif. Racket game. 183,624; Oct. 16.
Fairbanks, E. and T., and Company, St. Johnsbury, Vt. Weighing apparatus and parts thereof. 186,118; Nov. 27.
Fairchild Company, Chicago, Ill. Magazine article. 182,853; Sept. 18.
Fairmont Creamery Co., The, Omaha, Nebr. Butter. 160,405; Jan. 30.
Fairmont Creamery Co., The, Omaha, Nebr. Dressed poultry. 165,674; Jan. 2.
Fairmount Electric and Manufacturing Company, The, Philadelphia, Pa. Radio apparatus. 170,131; Jan. 9.
Fair-Sex Brassiére Co. (See Rubenstein, Benjamin.)
Fairy Silk Mills, Shillington, Pa. Underwear, hosiery, vests, drawers, union suits, etc. 178,334; Aug. 28.
Fajans, Caroline R., New York, N. Y. Face powder, nourishing cream, rouges, etc. 181,825; Nov. 6.
Fales Folio Company, Foxboro, Mass. Binders in the nature of bookbinders for photograph cards and other loose leaves. 168,211; Mar. 13.
Falixa Laboratory, Bridgeport, Conn. Preparation for invigorating and cleaning the scalp. 183,026; Oct. 30.
Falkenwalde, Oscar, doing business as The O. F. Oil Burner Company, Baltimore, Md. Asphalt melter. 186,180; Dec. 18.
Fallkill Radio & Electrical Co., Poughkeepsie, N. Y. Radio parts. 172,983; Mar. 27.
Falstaff Corporation, St. Louis, Mo. Malt extract. 161,831; Apr. 3.
Fambach, John G., Cleveland, Ohio. Medicinal preparations for nervousness, falling sickness, etc. 169,895; May 22.
Fa-Mo Company, Memphis, Tenn. Sweet pickles. 167,592; Aug. 14.
Famo Nut Co., Los Angeles, Calif. Nuts and peanut butter. 132,934; Mar. 27.
Famous Raincoat Company. (See Baeffsky, Louis.)
Famous Shoe Repair Company. (See Sarson, Teddy.)
Famous Tailors Corporation, Chicago, Ill. Men's suits and overcoats. 165,491; Dec. 4.
Fansteel Products Company, Inc., North Chicago, Ill. Contact points. 181,520; Aug. 21.
Fansteel Products Company, Inc., North Chicago, Ill. Molybdenum and tantalum. 181,521; Nov. 20.
Fansteel Products Company, Inc., North Chicago, Ill. Poppet valves. 181,522; Oct. 16.
Fansteel Products Company, Inc., North Chicago, Ill. Puppet valves. 182,964–5; Sept. 11.
Fansteel Products Company, Inc., North Chicago, Ill. Battery charges. 182,966; Oct. 9.
Fantea Company, The, Brooklyn, N. Y. Tea. 178,335; July 17.
Farbenfabriken vorm. Friedr. Bayer & Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Mordants for dyeing and printing. 163,782; Jan. 2.
Farbenfabriken vorm. Friedr. Bayer & Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Veterinary remedy for all sorts of diarrhea. 163,785; Jan. 2.
Farbenfabriken vorm. Friedr. Bayer & Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Veterinary remedy for application to sores and wounds. 163,786; Jan. 2.
Farbenfabriken vorm. Friedr. Bayer & Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Parasiticides. 173,920–1; Apr. 10.
Farbenfabriken vorm. Friedr. Bayer & Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Hæmostatics. 173,922; Apr. 10.
Farbenfabriken vorm. Friedr. Bayer & Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Antineuralgics. 173,923; Apr. 10.
Farbenfabriken vorm. Friedr. Bayer & Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Compositions for exterminating moths. 173,925; Apr. 10.
Farbenfabriken vorm. Friedr. Bayer & Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Vulcanization accelerators. 173,926; Apr. 10.
Farbenfabriken vorm. Friedr. Bayer & Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Remedy for enteric disturbances. 185,573; Dec. 11.
Farbenfabriken vorm. Friedr. Bayer & Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Expectorant for the treatment of acute and chronic affections of the lungs. 185,574; Dec. 11.
Farbenfabriken vorm. Friedr. Bayer & Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Anæsthetics. 186,003; Dec. 18.
Farbenfabriken vorm. Friedr. Bayer & Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Agents against parasitic and nonparasitic skin diseases. 186,004; Dec. 18.
Farbenfabriken vorm. Friedr. Bayer & Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Agents against exhaustion. 186,005; Dec. 18.
Farber Brothers, New York, N. Y. Silver-plated hollow ware. 175,191; Sept. 4.
Farber Silver Corporation, New York, N. Y. Hollow ware. 180,059; July 24.
Farbwerke vorm. Meister Lucius & Bruning, Hochst-on-the-Main, Germany. Chemical products for industrial, scientific, and photographic purposes. 165,584; July 10.
Farbwerke vorm. Meister Lucius & Bruning, Hochst-on-the-Main, Germany. Preparations for treatment of fever, polyarthritis, etc. 175,078; July 3.
Farfaglia, Joseph, & Co., Canastota, N. Y. Cigars and smoking tobacco. 176,611; July 10.
Faribault Canning Co., Faribault, Minn. Canned sweet corn. 182,408; Sept. 11.
Farish Company, The, Greenwich, Conn., and New York, N. Y. Cotton goods, denims, sheetings, bedspreads, etc. 169,164; Dec. 25.
Farley, Ernst W., doing business as Richmond Engineering Company, Richmond, Va. Septic, gasoline, and gasoline truck tanks, etc. 183,942; Nov. 27.
Farley Harvey Company, The, Boston, Mass. Linen and cotton cloths and woolen blankets. 183,203; Oct. 16.
Farley Harvey Company, The, Boston, Mass. Dry goods. 183,204; Sept. 4.
Farley Harvey Company, The, Boston, Mass. Dry goods. 183,205; Sept. 25.
Farley Harvey Company, The, Boston, Mass. Linen and cotton cloths and woolen blankets. 183,206; Oct. 16.
Farley Harvey Company, The, Boston, Mass. Linen and cotton cloths. 184,965; Oct. 16.
Farley, Vincent J., doing business as How To Make Money Publishing Co., Long Island City, N. Y. Serial monthly magazine. 174,564; May 8.
Farm Implement Publishing Co. (See Walker, Platt B.)
Farmakes, George, Neenah, Wis. Candy. 180,113; Nov. 6.
Fermé, Gabriel, Paris, France. Patent medicine used in the treatment and prophylaxis of cancer. 179,465; Nov. 13.
Farmelectric Utilities Corporation, Woodberry, Baltimore, Md. Individual lighting plants. 182,742; Sept. 18.
Farmer, Elmer A., Montreal, Quebec, Canada. Electrical motors for phonographs. 164,744; Mar. 13.
Farmers Milling Co. Inc., Weyers Cave, Va. Plain wheat flour and self-rising wheat flour. 177,965; Nov. 20.
Farnsworth Mills Inc., The, Central Village, Conn. Woolen piece goods. 180,969; July 17.
Farnsworth Packing Co., Brooklin, Me. Canned sardines. 167,609; Feb. 27.
Farny, George W., doing business as Farny Trufood Company, Morris Plains, N. J. Breakfast cereal. 166,739; Jan. 9.
Farny Trufood Company. (See Farny, George W.)
Farrel Foundry & Machine Company, Ansonia, Conn., and Buffalo, N. Y. Gear-cutting machines and parts thereof. 185,212; Nov. 20.
Farrington, G. B., Co., The, New York, N. Y. Coffee. 170,479; Mar. 13.
Farwell, John V., Company, Chicago, Ill. Drapery and upholstery piece goods, curtains, portières, etc. 171,211; Oct. 30.
Fashion-Bilt Dress Co., New York, N. Y. Waists, dresses, gowns, evening gowns, suits, wraps, coats, etc. 169,055; Feb. 6.

Fashion Hat Company, New York, N. Y. Ladies', misses', and children's hats and caps. 179,298; Aug. 14.
Fashion Hat Company, New York, N. Y. Hats and caps. 179,299; Sept. 11.
Fashion Hat Company, New York, N. Y. Ladies', misses', and children's hats and caps. 182,373; Sept. 25.
Fashion Model Co. (See Levitt, Max.)
Faspray Corporation, Dover, Del., and New York, N. Y. Washing machines for the washing of dishes, bottles, etc. 170,974; Feb. 20.
Faultless Caster Co., Evansville, Ind. Casters. 168,463; Feb. 20.
Faultless Iron Works, The, St. Charles, Ill. Domestic furniture comprising cabinets, dressers, etc. 163,748; Sept. 11.
Faure, Alexandre, New York, N. Y. Automobiles and automobile chassis. 178,170; Aug. 7.
Faurot-Scope Corp., New York, N. Y. Signal devices mounted upon the automobiles and other motor vehicles. 161,483; Aug. 7.
Favorite Cereals Company, Minneapolis, Minn. Corn flakes. 170,058; Feb. 27.
Faxon & Gallagher Drug Co., Kansas City, Mo. Liniment. 185,575; Dec. 11.
Fay Hosiery Mills, Incorporated, Philadelphia, Pa. Hosiery. 171,989; June 26.
Fayssoux-Brown Remedy Company, Hollister, N. C. Preparation for the treatment of diseases of the blood, stomach, kidneys, and bladder. 161,682; Jan. 2.
Featheredge Rubber Company, Inc., Chicago, Ill. Rubber sponges and rubber sponge for manufacturing purposes. 163,332; Jan. 30.
Fedco Sales Company, Jersey City, N. J. Cigarette holders. 168,760; Feb. 20.
Federal Arch-Lift Manufacturing Company, Boston, Mass. Arch supporters. 171,731; Feb. 20.
Federal Asbestos Co., The, Milwaukee, Wis. Prepared roofing. 148,991; Jan. 2.
Federal Envelope Mfg. Co., Omaha, Nebr. Envelopes. 187,412; Dec. 25.
Federal Fruit Distributors, Fresno, Calif. Fresh grapes, peaches, plums, and citrous fruits. 182,374; Dec. 4.
Federal Institute of Radio Telegraphy, Camden, N. J. Electric apparatus for radiosignaling. 170,633; Feb. 27.
Federal Knitting Company, Inc., Philadelphia, Pa. Silk and cotton hosiery and men's crochet and knitted neckwear. 173,762; June 26.
Federal Manufacturing Co., The, Columbus, Ohio. Brass fittings for gas brackets and cocks, T's, elbows, and gas-range cocks. 170,681; Feb. 6.
Federal Mercantile Company. (See Solomon, Morris.)
Federal Mill & Elevator Co., Inc., Lockport, N. Y. Self-rising flour. 166,056; Jan. 9.
Federal Motor Truck Company, Detroit, Mich. Automobile trucks. 168,924; Feb. 20.
Federal Paper Board Company, Inc., Bogota, N. J. Paperboard for boxing and wrapping purposes. 184,443; Oct. 16.
Federal Record Corporation, Albany, N. Y. Talking-machine records. 132,140; Mar. 27.
Federal Rubber Company of Illinois, The, Chicago, Ill., and Cudahy, Wis. Casings, tires, hose, tubings, reliners, inner tubes, etc., all made wholly or partly of rubber. 170,760; May 22.
Federal Rubber Company of Illinois, The, Chicago, Ill., and Cudahy, Wis. Tires made wholly or in part of rubber. 178,336; June 5.
Federal Underwear Co., New York, N. Y. Infants' coats. 171,837; May 29.
Feeser, A. W., doing business as A. W. Feeser & Co., Westminster, Silver Run, and Taneytown, Md. Canned vegetables. 174,615; July 3.
Feinberg, David, Company, doing business as Snappee Co., Chelsea, Mass. Spring covers and grease boots. 177,286; July 17.
Feinburg, David, Company, doing business as Snappee Co., Chelsea, Mass. Spring covers and grease boots. 172,643; June 5.
Feinburg, M. H., Company, New York, N. Y. Imitation-horsehair cloth. 172,870; Mar. 6.
Feinson, Joseph M., New York, N. Y. Cravats, mufflers, and men's lounging robes. 175,854; June 12.
Feist, Max, New York, N. Y. Silk and artificial-silk piece goods, cotton, wool, and combinations thereof. 170,059; Jan. 9.
Feldbaum & Spiegel, Inc., New York, N. Y. Fur coats, capes, stoles, and fur garments. 169,439; May 8.
Feldman, Leo H., New York, N. Y. Package outfit. 174,517; July 10.
Feldt Manufacturing Company, Inc., Jamestown, N. Y. Ash trays, match-box holders. 171,532; Jan. 30.
Fellner, Louis B., Belleville, Ill. Bread. 169,579; Apr. 3.
Fellows Medical Manufacturing Company, Inc., New York, N. Y. Preparation of hypophosphites. 177,836; Aug. 14.
Fellsway Rubber Co., Boston, Mass. Rubber pads for use in the textile and other industries. 178,337; June 12.
Fellsway Rubber Co., Boston, Mass. Rubber tiling. 178,338; May 29.
Felsenfeld, Jack J., New York, N. Y. Pearls, real and artificial. 180,332; July 10.
Felt Paper Company. (See Moore, John W.)
Fendelman Brothers Cap and Hat Manufacturing Company, St. Louis, Mo. Caps for men, women, and children. 177,287; June 5.
Fenimore, George W., doing business as Fenimore Oil Co., Norristown, Pa. Lubricating oils and greases. 165,976; May 22.
Fenimore Oil Co. (See Fenimore, George W.)
Fenno, Herbert L., doing business as Holdems Company, Boston, Mass. Fastening devices. 181,440; Sept. 25.
Fenton, Arthur G., doing business as The Fenton Wholesale Co., Rochester, N. Y. Flavoring extracts, spices, celery seed, etc. 177,966; Oct. 2.
Fenton, E. B., doing business as Dr. Fenton's Min-er-o Tone Co., Olin, Iowa. Preparations for the treatment of necro-bacillosis, green scours or bowel trouble, etc. 168,840; Feb. 13.
Féraut, Julien, Sacramento, Calif. Healing salve. 171,828; Mar. 20.
Ferber, Robert R., assignor to Libby Chemical Company, West Allis, Wis. Medicated capsules for colds, la grippe, etc. 173,821; May 15.
Ferbert-Schorndorfer Company, The, Cleveland, Ohio. Ready-mixed paints and varnishes. 159,698; Jan. 2.
Ferguson, H. B., Co. Inc., New York, N. Y. Men's and boys' work shirts. 173,270½; Oct. 30.
Ferguson, Harry, Evansville, Ind. Plows. 175,778; Aug. 7.
Ferguson and Lange Foundry Company, Chicago, Ill. Water-heating apparatus and parts thereof. 169,580; June 12.
Ferguson Manufacturing Company, The, Suffolk, Va. Sprayers for spraying vegetation. 175,479; May 29.
Ferguson, Weinberg & Rose, Chicago, Ill. Ready-made women's apparel. 177,662; Dec. 18.
Fernandez, Cirilo, Milwaukee, Wis. Cigars, cheroots, and cigarettes. 174,432; Apr. 3.
Fernández, Edmundo B., Bayamon, P. I. Alcoholado. 174,830; Nov. 6.
Fernandez, Philip, doing business as Standard Export Company, Boston, Mass. Shoe findings. 171,794; May 8.
Fernandez, Philip, doing business as Standard Export Company, Boston, Mass. Leather. 171,795; Mar. 13.
Ferné, Gabriel, Paris, France. Preparation for the treatment of syphilis. 179,464; Oct. 9.
Ferond, Jules, Co., Inc., New York, N. Y. Preparation for the treatment of the scalp. 169,581; Aug. 14.
Ferran Clua, Jaime, Barcelona, Spain. Medicinal preparations. 165,914; Dec. 18.
Ferris Bros. Co., New York, N. Y. Corsets, waists, brassières, and girdle brassières. 163,576; Jan. 9.
Ferris Bros. Company, The, New York, N. Y. Corsets, corset waists, girdles, belts for bathing purposes, and brassières. 168,841; Jan. 2.
Ferris Bros. Company, The, New York, N. Y. Corsets, corset waists, and brassières. 175,779; July 31.
Ferris and Company, Limited, Bristol, England. Throat and voice antiseptics and stimulants. 182,743; Dec. 18.
Ferris Radio Research Laboratory. (See Barron, Arnold M.)
Ferris, William S., doing business as Domore Chair Company, Elkhart, Ind. Office, household, and factory chairs. 183,102; Nov. 27.
Ferry, John B., San Francisco, Calif. Vaporizer for internal-combustion motors. 181,826; Oct. 30.
Fessenden Shirt Co., Inc., The, Kingston, N. Y. Men's dress and negligee shirts. 171,491; July 17.
Festina Bros., New York, N. Y. Preparation for the treatment of kidney and blood diseases. 180,796; Aug. 14.
Fett & Kimmel Co., The, Bluffton, Ohio. Variable condensers. 184,330; Nov. 13.
Feuillie, Emile, Paris, France. Culinary salt. 173,824; May 15.
Fever Nox Company. (See Beveridge, Melvin H.)
Fiat, Turin, Italy. Machines and materials for mine working. 150,742; Mar. 6.
Fiber-Glass Food Cover Company, Chicago, Ill. Transparent food covers. 176,612; Sept. 11.
Fiberloid Corporation, The, Indian Orchard, Mass. Cellulose lacquer. 187,613; Dec. 11.
Fibre Specialty Mfg. Co., Kennett Square, Pa.; Boston, Mass.; New York, N. Y.; Philadelphia, Pa.; St. Louis, Mo., and Chicago, Ill. Vulcanized fiber containers. 180,426; Sept. 18.
Fiction House, Inc., New York and Long Island City, N. Y. Magazines, books, and stories. 155,304; May 29.
Fidelity Pencil Company. (See Hobbs, H. C.)
Fiebrich-Fox-Hilker Shoe Company, Racine, Wis. Shoes made wholly or in part of leather. 173,480–1; Apr. 3.
Field Cigar Corporation, Detroit, Mich. Cigars. 177,176; Oct. 30.
Field & Flint Co., Boston and Brockton, Mass. Shoes. 175,717–8; June 5.
Field Guy M., High Point, N. C. Powder to be used in the preparation of salad dressing. 171,158; May 8.
Field Laboratories. (See Berkenfield, Irving.)
Field, Samuel B., doing business as Tom's Cove Salt Sea Oyster Co., Chincoteague Island, Va. Oysters in the canned and natural state. 173,184; May 8.
Fielding Publishing Company, Boston, Mass. Magazine issued monthly. 168,522; Jan. 30.

Fifth Avenue Corset Company, Inc., The, Allentown, Pa. Corsets, corselettes, and brassières. 178,171; Aug. 28.
56th St. Quality Bakery. (See Garlek, Charles.)
Fig Products Company of California. (See Schmidt, Carl.)
Filbert-Greer Manufacturing Company, The, Dayton, Ohio. Hand-propelled conveyances for children. 165,077; Mar. 13.
Fildes, F. P., Inc., Fort Worth, Tex. Weekly periodical. 167,807; Jan. 30.
Filene's, Wm., Sons Company, Boston, Mass. Gloves. 182,337; Nov. 13.
Filene's, Wm., Sons Company, Boston, Mass. Gloves. 182,470; Nov. 13.
Filice & Perrelli Canning Co., Gilroy, Calif. Canned fruits and vegetables. 171,534; Apr. 10.
Financier Publishing Co., The, New York, N. Y. Financial magazine. 184,903; Nov. 20.
Finch, Van Slyck & McConville, St. Paul, Minn. Work shirts. 183,368; Dec. 11.
Finch, Van Slyck & McConville, St. Paul, Minn. Work shirts. 183,369; Oct. 30.
Findley, William F., Los Angeles, Calif. Combination liquid-soap dispensers and towel racks. 175,239; Oct. 30.
Fine, M., & Sons, New York, N. Y. Work and negligee shirts. 182,656; Oct. 23.
Fine Products Company, The, Pittsburgh, Pa. Pharmaceutical preparation consisting of alcohol. 173,822; May 8.
Finery Hosiery Corporation, New York, N. Y. Hosiery. 177,434; July 24.
Fingl, Anton W., doing business as Goos-O-Rubb Co., Chicago, Ill. Preparations for external application for headache, neuralgia, colds, etc. 166,504; Jan. 2.
Fink, William B., Detroit, Mich. Breakfast cereal. 169,968; Feb. 27.
Fink, William B., Clarendon, Va. Bread. 180,925; Nov. 13.
Finkelson, Max, New York, N. Y. Boys' blouses. 167,351; Mar. 13.
Finkelson, Max, doing business as Onyx Blouse Co., New York, N. Y. Boys' blouses. 173,041; May 22.
Finkl, A., & Sons Company, Chicago, Ill. Forgings of steel alloy. 168,523; Jan. 2.
Finkl, A., & Sons Company, Chicago, Ill. Steel forgings. 177,908; May 15.
Finkl, A., & Sons Company, Chicago, Ill. Steel forgings. 179,038; Aug. 7.
Finkl, A., & Sons Company, Chicago, Ill. Steel forgings. 179,189; Aug. 7.
Finlayson, Estelle B., New York, N. Y. Hair tonics and shampoos. 169,540; Jan. 2.
Finlayson, Estelle B., New York, N. Y. Face powders and creams, perfumes, toilet waters, rouges, etc. 169,541; Jan. 2.
Finlayson, Estelle B., doing business as Estall Company, New York, N. Y. Antiseptic lotion for the treatment of the scalp and skin. 172,830; Apr. 3.
Finlayson Flax Spinning Co. (See Linen Thread Co., The.)
Finlayson Flax Spinning Co., The. (See Linen Thread Company.)
Finn, J. A., & Co., New York, N. Y. Silk pongee. 157,561; Feb. 27.
Finn, J. A., & Company, New York, N. Y. Linen piece goods. 183,207; Sept. 25.
Finsilver, Still & Moss, Inc., New York, N. Y. Woolen piece goods. 172,589; Oct. 2.
Finstick, Lawrence A., doing business as Hi-Way Laboratories, Laporte, Ind. Self-vulcanizing tire patch. 169,582; Apr. 3.
Fireite Extinguisher Co., Masontown, Pa. Hand fire extinguishers. 181,686; July 24.
Fireside Industries. (See Lamb, Herbert W.)
Fireside Yarns Company, Philadelphia, Pa. Yarn. 161,676; Feb. 6.
First Aid Specialty Company, Inc., New York, N. Y. Medical and surgical appliances. 177,177; May 29.
First Texas Chemical Manufacturing Company, Dallas, Tex. Preparation for the treatment of all kinds of chronic bronchitis, ptthisis, etc. 177,598; July 10.
Firth Carpet Company, The, New York and Firthcliffe, N. Y. Chenille rugs. 183,142; Sept. 25.
Fischer, B., & Co., Inc., New York, N. Y. Containers for coffee, tea, spices, rice, etc. 154,181; Dec. 11.
Fischer, B., & Co. Inc., New York, N. Y. Coffee. 185,821; Dec. 25.
Fischer Brothers Company, Seattle, Wash. Canned fruits, vegetables, and fish, tea, coffee, etc. 175,782; Aug. 14.
Fischer-Jelenko Inc., New York, N. Y. Bath and lounging robes, dressing gowns, smoking jackets, negligees. 183,143; Sept. 25.
Fishback Co., The, Indianapolis, Ind. Coffee. 166,671; Dec. 4.
Fishback Co., The, Indianapolis, Ind. Coffee. 166,920; Jan. 16.
Fisher Body Corporation, Detroit, Mich. Automobile bodies. 168,464; Apr. 3.
Fisher Bros. Paper Co., Fort Wayne, Ind. Toilet paper, paper towels, tissue paper, pencils, etc. 181,742; Sept. 11.
Fisher, Fred, Inc., New York, N. Y. Sheet music and music books. 168,577; Mar. 13.
Fisher, G. H., & Co., Glendale, N. Y. Variometers and variocouplers. 175,549; May 29.
Fisher, Louis H., Cleveland, Ohio. Shoe polish. 176,333; Aug. 7.
Fisher, Nath'l, & Co., New York, N. Y. Boots, shoes, and slippers. 165,490; Nov. 13.
Fisher, William H., doing business as Fisher Manufacturing Co., Brockton, Mass. Mops and mop handles. 175,855; Apr. 17.
Fisk, Harvey, et al., executors. (See estate of Charles J. Fisk.)
Fisk Rubber Company, The, Chicopee Falls, Mass. Rubber tires and tubes. 155,812; Jan. 30.
Fisk Rubber Company, The, Chicopee Falls, Mass. Vehicle tires and rubber tubes therefor. 171,454; May 29.
Fisk Rubber Company, The, Chicopee Falls, Mass. Rubber tires. 172,416; May 1.
Fisk Rubber Company, The, Chicopee Falls, Mass. Rubber tires. 173,186; Apr. 24.
Fisk Rubber Company, The, Chicopee Falls, Mass. Vehicle tires and rubber tubes therefor. 183,794; Dec. 18.
Fitch Company, The, Youngstown, Ohio. Coffee. 174,565; Sept. 4.
Fitchburg Machine Works. (See Meteor Mixing Machine Co., assignor.)
Fitger Company, The, Duluth, Minn. Chocolate creams. 171,166; Dec. 11.
Fitler, Edwin H., Co., The, Philadelphia, Pa. Manila and sisal rope, etc. 158,764; Oct. 30.
Fitler, Edwin H., Co., The, Philadelphia, Pa. Harvesting and binder twines. 158,765; Oct. 2.
Fitler, Edwin H., Co., The, Philadelphia, Pa. Manila and sisal rope, etc. 158,859; Oct. 30.
Fitler, Edwin H., Co., The, Philadelphia, Pa. Drilling cables, cable-laid drilling cables, sand lines, and cable-laid sand lines. 185,012; Nov. 27.
Fitzer, Henry C., Logansport, Ind. Medicine for treating high blood pressure, rheumatism, and neuritis. 171,160; Mar. 27.
Fitzgerald Manufacturing Company, The, Torrington, Conn. Portable electric motors. 171,159; Jan. 9.
Fitzgerald Manufacturing Company, The, Torrington, Conn. Electrically-operated vibrators. 172,590; Feb. 20.
Fitzgerald Manufacturing Company, The, Torrington, Conn. Electrically-operated hair driers, toasters, and waffle irons. 172,591; Feb. 20.
Fitzgerald Manufacturing Company, The, Torrington, Conn. Sheet-metal and asbestos gaskets. 174,730; June 5.
Fitzgibbons Boiler Company, Inc., New York, N. Y. Steam and hot-water boilers. 186,121; Nov. 27.
Fitzpatrick, L. A., doing business as The Fitzpatrick Company, Helena, Ark. Preparations for straightening the hair. 179,932; Aug. 21.
Fitzpatrick, Thomas J., Gloversville, N. Y. Bread. 153,036; July 24.
Five Brothers Medicine Co. (See Kobylanski, John F.)
"5 in 1" Letter-Envelope Co., The. (See Benedict, Charls L.)
Five-In-One Manufacturing Co., Dallas, Tex Hair tonic and shampoo. 178,698; Aug. 14.
Flamingo Sugar Mills, Inc., Philadelphia, Pa. Sugar. 181,687; Oct. 2.
Flanders, A. H., Company, Chicago, Ill. Women's wearing apparel. 172,269; July 17.
Flannery, John R., Pittsburgh, Pa. Gear shifts and parts thereof for motor vehicles. 174,566; Apr. 24.
Flapper Novelty Doll Co. (See Worrell, Lola C.)
Flash Chemical Company, Cambridge, Mass. Toilet soap. 176,334; June 12.
Flash Chemical Company, Cambridge, Mass. Hand soap. 176,335; June 26.
Flash Chemical Company, Cambridge, Mass. Soap, cleansing cream. 182,409; Sept. 25.
Flash Chemical Company, Cambridge, Mass. Insecticides and cleaning liquids. 183,027; Oct. 30.
Flashner, Joseph, doing business as Hirsch & Flashner, New York, N. Y. Pearls and artificial pearls. 175,138; June 5.
Flatopn Binder Company. (See Plushkell, August B.)
Fleckenstein, C. G., Company, Muskegon Heights, Mich. Leather. 166,362; Apr. 10.
Fleckenstein, C. G., Co., Muskegon, Mich. Sole leather. 167,386; Apr. 3.
Flegle & Saxe, St. Louis, Mo. Chamois. 155,678; Feb. 6.
Fleischmann Company, The, Cincinnati, Ohio, and New York, N. Y. Yeast. 147,020; Dec. 18.
Fleming, E., & Co., Cambridge, Mass. Radio record books. 177,552; May 22.
Fleming, Harold C., also doing business as Compyrin Laboratories, Cedar Rapids, Iowa. Medicinal compound containing acetylsalicylic acid. 178,834; July 24.
Fleming, J. A., doing business as Atlanta Bottling Works, Atlanta, Ga. Beverage sold as a soft drink and sirup for making same. 169,673; Jan. 30.

Fletcher American Company, Indianapolis, Ind. Monthly publication. 158,676; Apr. 24.
Fletcher, John D., assignor to Ryco Extract Company, Louisville, Ky. Beverage sold as a soft drink. 140,791; Aug. 21.
Fletcher, Robert, & Son, Limited, Stoneclough, Manchester, England. Paper treated, etc., for making cigarettes. 173,412; May 1.
Fletcher, Robert, & Son Limited, Stoneclough, Manchester, England. Paper for use in making cigarettes. 173,413–5; May 8.
Fletcher, Robert, & Son, Limited, Stoneclough, near Manchester, England. Uncut cigarette paper. 179,999; Oct. 2.
Fletcher, Robert, & Son, Limited, Stoneclough, near Manchester, England. Uncut cigarette paper. 180,000–1; July 24.
Fletcher, Robert, & Son Limited, Stoneclough, near Manchester, England. Uncut cigarette paper. 180,002; Aug. 14.
Flexible Steel Lacing Co., Chicago, Ill. Guards for electric lamps. 179,190; June 26.
Flexible Steel Lacing Company, Chicago, Ill. Flexible or hinged belt fasteners. 167,870; Apr. 17.
Flexidial Company, Inc., The. (See Wheeler, W. B., Corporation.)
Flexlume Corporation, Buffalo, N. Y. Electrically-illuminated signs. 169,630; July 24.
Flexo Co., The, Fredericksburg, Va. Dressing oil suitable for softening and preserving articles of leather and similar substances. 178,243; June 5.
Flexo Manufacturing Company, Philadelphia, Pa. Rubber heels and arch cushions. 181,018; Sept. 11.
Flexum Products Company, The, Denver, Colo. Cement preparation used as a substitute for glue or other adhesive. 177,600; Aug. 14.
Flood & Conklin Company, Newark, N. J. Pyroxylin lacquer. 178,173; May 8.
Flood & Conklin Company, Newark, N. J. Pyroxylin thinner. 178,174; May 15.
Florabelle Dressmakers, Inc., New York, N. Y. Outer skirts. 171,310; July 17.
Floradel Knitting Mills Inc., New Orleans, La. Socks, stockings, hosiery. 172,798; Sept. 18.
Floralea Creme Co. (See Nelson, Mrs. Jane.)
Florasynth Laboratories, New York and Unionport, N. Y. Flavoring extract for foods. 179,191; Sept. 25.
Florasynth Laboratories, New York and Unionport, N. Y. Flavoring extract for food purposes. 179,192; Oct. 23.
Floreal Parfums Delicats. (See Hogan, Thomas L.)
Flores, Rodolfo, doing business as Sana-Cutis (Chemical) Co., Sedalia, Mo. Vanishing face cream and cold cream. 168,408; May 15.
Florida Citrus Exchange, Tampa, Fla. Fresh citrus fruits. 162,105; Feb. 6.
Florida Citrus Exchange, Tampa, Fla. Canned citrous fruits. 175,719; Aug. 14.
Florida Citrus Exchange, Tampa, Fla. Canned citrous fruits, grapefruit. 179,862; Sept. 4.
Florida Honey Products Co. (See Warnecke, Jacob A.)
Florida Products Company, Inc., New York, N. Y. Maltless carbonated beverages sold as soft drinks. 178,032; July 3.
Florida Products Company, Inc., New York, N. Y. Marmalade. 182,505; Sept. 11.
Florida Products Company, Inc, New York, N. Y. Beverages sold as soft drinks. 182,506; Oct. 2.
Flory, I. L., doing business as Elkton Lithia Bottling Company, Elkton, Va. Ginger ale. 174,692; May 29.
Fluenzol Proprietary, Ltd., The, Wellington, New Zealand, and New York, N. Y. Medicinal preparation. 169,896; Dec. 4.
Fluenzol Proprietary, Ltd., The, Wellington, New Zealand, and New York, N. Y. Medicinal preparation. 169,897; Aug. 28.
Fluid Chemical Company, Newark, N. J. Washing fluid. 166,794; Mar. 6.
Fly-Cide Company. (See Chesney, Ernest R.)
Fly-Hike Company, Springfield, Mo. Liquid preparation to prevent annoyance by flies and vermin on live stock. 176,959; June 12.
Fly, Joel O., doing business as The Fly Manufacturing Co., Shelbyville, Tenn. Work clothing. 181,389; Sept. 11.
Flynn, Anna D., Beach Bluff, Mass. Candy. 178,601–2; July 17.
Flynt, J. G., Tobacco Co., Winston-Salem, N. C. Tobacco. 183,563; Oct. 23.
Foamite-Childs Corporation, Utica, N. Y. Fire-extinguishing apparatus. 178,984; July 3.
Foamite-Childs Corporation, Wilmington, Del., and Utica, N. Y. Fire-extinguishing apparatus. 179,193; Aug. 14.
Fogarty Manufacturing Company, The, Dayton, Ohio. Tags. 175,783; June 5.
Foley & Company, Chicago, Ill. Talcum powder. 176,260; June 16.
Foley & Company, Chicago, Ill. Hair oils. 176,261; June 12.
Foley & Company, Chicago, Ill. Lemon and vanilla extracts and essence of peppermint flavor. 176,262; May 22.
Foley & Company, Chicago, Ill. Tooth paste, glycerin, castor oil, essence of peppermint. 176,263; June 12.
Foley & Company, Chicago, Ill. Cold cream. 182,745; Oct. 30.
Foley Food Product Company, Washington, D. C. Food product. 175,480; July 31.
Foltzer, Charles, doing business as French Swiss Noodle Company, Cincinnati, Ohio. Noodles. 166,503; June 26.
Fontana Food Products Company, San Francisco, Calif. Macaroni products, canned fruits, vegetables, and fish, evaporated milk, etc. 172,872; Apr. 17.
Fontola Medicine Co., Fort Smith, Ark. Tonic for treating anæmia, low vitality, etc. 183,912; Dec. 18.
Food Products Co., San Francisco, Calif. Canned figs. 172,873; Apr. 17.
Food Products Ltd., London, England. Meat and milk essence, beverage chocolate, pea soup, etc. 176,821; Nov. 13.
Foot Balm Company. (See Hofer, Louis.)
Foot Remedy Company, Chicago, Ill. Foot appliances or orthopedic pads or cushions. 187,103; Dec. 11.
Foote, J. Harvey, doing business as Stain-Off Company, Burlington, Vt. Preparation for use in removing discoloration from the teeth. 175,856; June 26.
Foote & Jenks, Jackson, Mich. Extracts for food flavoring purposes. 169,850; Feb. 27.
Foote Mineral Co., Philadelphia, Pa. Detector crystals. 185,822; Nov. 13.
Foote Mineral Co., Philadelphia, Pa. Cat whiskers. 185,823; Nov. 13.
Forbes, Jas. H., Tea & Coffee Co., St. Louis, Mo. Empty containers for coffee and the like. 170,975; May 15.
Forbes Publishing Co., Omaha, Nebr. Blank record books. 161,982; Feb. 20.
Forcier, Joseph, doing business as Joseph Forcier & Co., New Bedford, Mass. Ointment for piles, corns, burns, etc. 169,898; Dec. 18.
Ford, Charles H., Taft, Okla. Preparation for the treatment of cholera, colds, coughs, etc., of hogs and pigs. 184,128; Dec. 18.
Ford & Company, Brooklyn, N. Y. Fruit preserves. 179,933; Sept. 18.
Ford, E. E., Mfg. Co., New York, N. Y. Fuel control or regulator for a carburetor. 172,150; Mar. 20.
Ford Flour Company, Wilmington, Del., and Nashville, Tenn. Self-rising wheat flour. 177,081; Sept. 4.
Ford Flour Company, Wilmington, Del., and Nashville, Tenn. Wheat flour. 177,601; Sept. 18.
Ford Flour Company, Inc., Wilmington, Del., and Nashville, Tenn. Self-rising flour. 172,327; July 31.
Ford, John A., Chicago, Ill. Dry cleaner. 183,795; Oct. 16.
Ford & Kendig Co., Philadelphia, Pa. Stopcocks and stop and waste cocks and metal pipe unions. 129,592; Aug. 7.
Ford Motor Company, Highland Park, Mich. Motor cars. 170,014; July 17.
Fordyce & Jackson, Bedford, Ind. Chemical preparation for application to windshields. 180,756; Sept. 25.
Forest City Manufacturing Company, St. Louis, Mo. Ladies' and misses' aprons and house dresses. 162,397; June 26.
Forgey, Charles L., doing business as Witcherie Laboratory, Detroit, Mich. Face rouge. 169,631; Jan. 9.
Forkapa, Milan R., doing business as M. R. Forkapa & Company, Cleveland, Ohio. Question and answer toy. 186,424; Dec. 25.
Forkner, J. C., Fig Gardens, Incorporated, Fresno, Calif. Jams. 171,071; Aug. 14.
Forney & Co. Inc., New York, N. Y. Diapering in the piece. 171,753; Mar. 6.
Forns & Pla, New York, N. Y. Hosiery and fabric undershirts. 184,662; Nov. 13.
Forowicz, Frank, Homestead, Pa. Medicinal tea. 183,370; Dec. 4.
Forquer, Bernard B., doing business as Movie Stars Laboratories, Joliet, Ill. Facial cream and rouge, toilet water, shampoo preparation, etc. 159,862; July 17.
Forrest Mercerizing Co., Gloucester, N. J. Mercerized yarns. 168,213; Jan. 23.
Forshag, C. V., & Co., Franklinton, La. Ointment for the treatment of ringworm, seven-year itch, etc. 183,701; Nov. 13.
Forst Laboratories, Cincinnati, Ohio. Rubbing and massaging alcohol. 171,073; May 8.
Forst Products Co., Inc., New Orleans, La. Beverage sold as a soft drink and flavoring sirups, etc., used in preparation of the same. 176,172; Apr. 17.
Forstadt, Jacob, doing business as Apaca Knitting Mills, Philadelphia, Pa. Knitted sweaters, mufflers, golf hose, and bathing suits. 172,831; Aug. 7.
Forster Music Publisher, Inc., Chicago, Ill. Musical publications. 182,094; Sept. 11.
Forster Music Publisher, Inc., Chicago, Ill. Sheet music. 183,828; Dec. 11.
Forster, Thomas E., doing business as T. E. Foster & Co., Neosho, Mo. Cleaning preparation for bathtubs, sinks, porcelain, marble, etc. 134,467; June 12.
Forstmann & Huffmann Company, assignor to Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 169,441; Apr. 24.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 172,217; Jan. 30.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 173,962; Mar. 6.

Alphabetical list of trade-mark applicants—Continued.

Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 175,482; Apr. 3.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 178,986; June 12.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 178,988; June 12.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 178,989; June 5.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 178,990–1; June 12.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 178,992–4; June 5.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 178,995–7; June 12.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 185,112–13; Oct. 16.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 185,114; Nov. 20.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 185,115–17; Oct. 16.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 186,892; Dec. 25.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 186,895–7; Dec. 25.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 187,572–3; Dec. 25.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 187,575; Dec. 25.
Forstner Chain Corporation, Irvington, N. J. Chains for personal adornment made of or plated with precious metal. 139,118; Apr. 24.
Ft. Collins Flour Mills, The. (See Colorado Milling & Elevator Co.)
Fort Dearborn Candy Company, Chicago, Ill. Candy bars. 160,801; Apr. 24.
Fort Dearborn Engraving Co., Chicago, Ill. Statements, checks, billheads, purchase orders, etc. 166,943; Mar. 6.
Fort Howard Paper Company, Green Bay, Wis. Toilet paper, paper napkins, towels, and tablecloths. 171,353; Jan. 16.
Fort Howard Paper Company, Green Bay, Wis. Toilet paper, paper napkins, towels, and tablecloths. 176,674; Apr. 10.
Fort Howard Paper Company, Green Bay, Wis. Sanitary napkins. 180,115; Sept. 18.
Fort Howard Paper Company, Green Bay, Wis. Toilet paper, paper napkins, towels, and tablecloths. 180,757–8; Aug. 14.
Fort Howard Paper Company, Green Bay, Wis. Toilet paper, paper napkins, towels, and tablecloths. 180,970; Aug. 7.
Fort Howard Paper Company, Green Bay, Wis. Toilet paper, paper napkins, towels, and tablecloths. 180,971–2; July 17.
Fort Howard Paper Company, Green Bay, Wis. Toilet paper, paper napkins, towels, and tablecloths. 181,442; Aug. 7.
Fort Howard Paper Company, Green Bay, Wis. Toilet paper. 182,049; Aug. 21.
Fort Howard Paper Company, Green Bay, Wis. Toilet paper, paper napkins, towels, and tablecloths. 186,745; Dec. 25.
Fort Howard Paper Company, Green Bay, Wis. Toilet paper, paper napkins, towels, and tablecloths. 186,953; Dec. 25.
Fort Kent Drug Company. (See Ouillette, Paul.)
Fort Orange Chemical Company. (See Popp, William J.)
Fort Wayne Engineering & Manufacturing Co., Fort Wayne, Ind. Pumping equipment and water systems. 166,942; Jan. 23.
Fort Worth Drilling Tool Company, Fort Worth, Tex. Cable drilling tools, rope sockets, bailers, etc. 175,857; June 12.
Fortuna Water Company. (See Meyer, Edmund.)
Fortuna-Werke Spezialmaschinenfabrik G. m. b. H., Cannstatt, Germany. Optical apparatus, drawing and copying apparatus, etc. 182,507; Dec. 4.
Fortuna-Werke Spezialmaschinenfabrik G. m. b. H., Cannstatt, Germany. Machines and apparatus for working leather, etc. 182,508; Dec. 4.
Fortune Products Company, Chicago, Ill. Macaroni. 181,884; Sept. 25.
Foster, C. B., Packing Co., Inc., Violet, La., and Biloxi, Miss. Canned shrimp. 168,636; Mar. 6.
Foster, Clyde C., doing business as The Nuway Company, Decatur, Ill. Flavoring extracts for food of all kinds. 168,027; Mar. 20.
Foster Engineering Company, Newark, N. J. Grease cups. 174,568; Mar. 20.
Foster, L. B., Co., Inc., Pittsburgh, Pa. New and renewed steel rails. 184,072–3; Dec. 4.
Foster, Robert V. (See Reish, George L., assignor.)
Foster Ryan Shoe Co., Philadelphia, Pa. Ladies' shoes. 180,974; Nov. 13.
Foster, Samuel M., Company, Fort Wayne, Ind. Dresses and waists. 178,600; July 10.
Foster, Van B., doing business as Fred B. Foster & Company, Los Angeles, Calif. Oil derricks. 181,067; Sept. 18.
Fougera, E., & Co., New York, N. Y. Toilet powder. 177,038; June 12.
Fouke Fur Company, St. Louis, Mo. Chemical deodorizing preparation. 173,325; May 15.
Foundation Sales Corporation, The, New York, N. Y. Shoes made of leather. 169,353; Feb. 20.
Fountain, Levi W., Philadelphia, Pa. Preparation for removing stains and dirt. 177,479; Aug. 7.
Four Way Company. (See Munger, Louis de F.)
Fourgees Cotton Mills. (See Hart, John I.)
Fowler, Meynell E., Chicago, Ill. Eggs. 168,963; Sept. 11.
Fowler & Slater Co., The, Cleveland, Ohio. Photographic prints. 178,380; July 3.
Fox, Charles K., Inc., Haverhill, Mass. Boots and shoes of leather. 170,574; May 22.
Fox, Charles K., Inc., Haverhill, Mass. Leather intended for use in boots and shoes. 170,575; May 22.
Fox, J. G., Seattle, Wash. Ginger ale. 184,967; Oct. 9.
Fox, John J., Hancock, Mich. Hair tonic. 170,635; June 26.
Fox River Paper Company, Appleton, Wis. Writing paper. 171,990; Feb. 13.
Fox River Paper Company, Appleton, Wis. Writing paper. 172,328; Jan. 16.
Fox River Paper Company, Appleton, Wis. Writing paper. 172,418; Feb. 6.
Fox River Paper Company, Appleton, Wis. Writing paper. 180,533; July 10.
Fox River Paper Company, Appleton, Wis. Writing paper. 180,975; July 17.
Fox River Paper Company, Appleton, Wis. Writing paper. 181,688; Aug. 14.
Fox River Paper Company, Appleton, Wis. Writing paper. 187,617; Dec. 18.
Frances, Edith. (See Gallagher, James T.)
Franc-Graham Paper Co. Inc., New York, N. Y. Bond paper. 184,787; Nov. 13.
Franc-Strohmenger & Cowan, Inc., New York, N. Y. Neckties, cravats, and scarfs. 183,105; Sept. 11.
Franco-American Baking Co., Los Angeles, Calif. Rolls and bread. 176,401; Aug. 21.
Frank, A. B., Company, San Antonio, Tex. Hosiery and sweaters, scarfs, caps, bootees, and knit sets. 170,634; June 19.
Frank, A. J., Mfg. Co., St. Paul, Minn. Salve for burns, wounds, etc. 173,050; Apr. 10.
Frank & Company, Savannah, Ga. Knitted underwear, sweaters, hosiery, caps, etc. 180,334; Aug. 14.
Frank, Eva B., New York, N. Y. Hair curlers. 177,039; Nov. 6.
Frank, H. G. John, doing business as Auto Parts Company, Houston, Tex. Dismembered parts of motor vehicles. 159,749; Nov. 6.
Frank, Jerome, & Co., New York, N. Y. Dresses. 167,719; Jan. 9.
Frank & Meyer Neckwear Co., St. Louis, Mo. Neckties, cravats, and scarfs. 168,465; Sept. 18.
Franke, Charles A., Little Rock, Ark. Breads, cakes, and pastries. 170,762; May 1.
Frankel Bros., New York, N. Y. Men's outer clothing. 172,469; May 22.
Frankel Bros., New York, N. Y. Men's caps, sweaters, shoes, negligee shirts, and hosiery. 181,984; Oct. 23.
Frankenberg, Morgan & Singleton, New York, N. Y. Woolen cloth. 180,659; July 31.
Frankfurt, Saul E., Cleveland, Ohio. Sanitary napkins and aprons. 155,878; Aug. 14.
Franklin Air Compressor Works, Norristown and Trooper, Pa. Air compressors. 186,470; Dec. 25.
Franklin-Caro Company, Inc., Richmond, Va. Chewing gum. 101,984; July 3.
Franklin, Charles, Boston, Mass. Sweaters and bathing suits. 180,117; Oct. 2.
Franklin Clothes Shop, Inc., Washington, D. C. Men's coats, vests, trousers, and overcoats. 174,134; July 10.
Franklin Ice Cream Company, Kansas City, Mo. Ice cream. 178,437; Aug. 21.
Franklin Ice Cream Company, Kansas City, Mo. Ice cream. 183,649; Nov. 27.
Franklin Knitting Mills, Inc., New York, N. Y. Knitted scarfs and bow ties. 175,238; June 5.
Franklin Manufacturing Company. (See Oppenheim, Oberndorf & Co.)
Franklin Railway Supply Company, New York, N. Y. Auxiliary engines for locomotives. 166,825; July 3.
Franklin Silver Plate Company, Greenfield, Mass. Tableware, scissors, shoehorns, buttonhooks, buffers, etc. 147,872; Feb. 6.
Franklin Simon & Co. Inc., New York, N. Y. Face and talcum powders, perfumes. 160,185; Mar. 6.
Franklin, William B., doing business as Franklin Mfg. Co., Princeton, Ind. Cleaner, polisher, renovator, disinfector for varnish, paint, and enamel. 183,565; Sept. 18.
Franklin Williams, Inc., of N. J., Newark, N. J. Striker plates and locks. 143,524; Jan. 30.
Fraser, Mary, Candies, Inc., doing business as Mary Fraser Candy Studio, Los Angeles, Calif. Candies. 179,366; Oct. 16.
Fraser Milk Products Co., Inc., Fraser, N. Y. Powdered milk and baby foods. 177,480; July 10.
Fraser, Warren F., Company, Westboro, Mass. Piston pins. 161,001; Jan. 9.

Frasher, Lee, East Lynn, W. Va. Preparation for use in treating diphtheria, etc. 182,241; Oct. 23.
Frasier, Thornton & Co., Limited, Cookshire, Quebec, Canada. Pills for constipation, indigestion, heartburn, sick headache, etc. 152,744; Dec. 25.
Frasse, Peter A., & Co., Inc., New York, N. Y. Rust remover and pickling compound for metals. 180,853; Sept. 11.
Frasse, Peter A., & Co. Inc., New York, N. Y. Tool steel. 186,360; Nov. 27.
Frawley, Josephine B., doing business as Betsy Ross Candy Shops; Mres. Frawley's Betsy Ross Candy Shops, and Mrs. Frawley's Candy, Indianapolis, Ind. Candy. 185,514; Dec. 11.
Frazar & Company, San Francisco, Calif. Canned fruits and vegetables. 183,371; Sept. 18.
Frazer, Stuart F., Pittsburgh, Pa. Roofing materials. 171,417; June 12.
Frazier, John L., Washington, D. C. Daily publication. 184,129; Nov. 20.
Fred Pabst Company, Milwaukee, Wis. Metal pipe nipples. 180,718; Sept. 18.
Frederick City Packing Company, Inc., The, Frederick, Md. Canned vegetables. 177,372; May 29.
Frederick Piano Company, New York, N. Y. Pianofortes, pianos, and phonographs. 179,594; Aug. 21.
Fredericks, Charles, Brooklyn, N. Y. Fishing hooks and leaders. 171,492; Jan. 23.
Fredericksburg Brewing Company. (See Wielands Incorporated.)
Fredericksen Company, Saginaw, Mich. Bearing metal, packing metal, brass castings, and bronze castings. 175,925; May 15.
Frederiksen, Felix M., Little Falls, N. Y. Cheese. 176,735; Sept. 4.
Fredrickson Brothers, Cassadaga, N. Y. Churns. 155,813; May 22.
Free & Klinck, Inc., Brooklyn, N. Y. Canned fruits and vegetables. 181,019; Sept. 25.
Free & Klinck, Inc., Brooklyn, N. Y. Canned fruits and vegetables. 181,020; Aug. 21.
Freedman, Benjamin S., Company, Scranton, Pa. Hair nets. 185,515; Dec. 4.
Freedman & Engelman, Fresno, Calif. Fresh grapes. 185,654; Nov. 13.
Freedman, Israel L., New York, N. Y. Coats for men, women, and children. 150,009; Jan. 30.
Freeman, Louis G., Company, The, Cincinnati, Ohio. Shoe-machinery parts and supplies. 183,106; Oct. 30.
Freeman, Miller, New York, N. Y. Monthly publication. 176,892; May 22.
Freeman, Ralph D., doing business as The Savol Co., Cleveland, Ohio. Enamel finish. 182,205; Sept. 18.
Freeman's Foods, Limited, Watford, England. Powders for making lemonade. 168,147; Apr. 24.
Frees, H. E., Co., The, Chicago, Ill. Citrate of magnesia. 172,871; Mar. 13.
Freezerator Co., The, Detroit, Mich. Artificial refrigerating apparatus for household use. 163,512; Apr. 3.
Freihofer Baking Company, Philadelphia, Pa. Cake. 179,787–8; Oct. 30.
French American Mfg. Co. (See Klekner, Albert.)
French Chemical Company, Rochester, N. Y. Cleaning preparation for kitchen, household, and laundry uses. 188,008; Dec. 25.
French Fibre Co., Inc., The, New York, N. Y. Electric lamp stands and bases. 159,748; Feb. 20.
French Importing Co., Chicago, Ill. Hair nets. 170,480; May 15.
French Mfg. Co. (See Smuckler, K.)
French, Noyes E., Boston, Mass. Beverages sold as soft drinks and sirups used in preparation of same. 181,734; Aug. 7.
French Swiss Noodle Company. (See Foltzer, Charles.)
Frenkel, L. & E., Inc., New York, N. Y. Flours—namely, wheat and semolinas. 174,433; June 5.
Freund, Freund & Company, New York, N. Y. Nankins and tickings in the piece. 178,835; July 31.
Freund, Henry, Houston, Tex. Power whistles. 177,289; June 19.
Frey, Henry R., doing business as Chemical Fire Apparatus Company, Portland, Oreg. Dry-powder tube fire extinguishers. 166,289; Jan. 2.
Fried, Mendelson & Co., New York, N. Y. Silk, silk and cotton mixed, and cotton piece goods. 168,148; Feb. 13.
Fried, Mendelson & Co., New York, N. Y. Silk, cotton, and silk and cotton piece goods. 180,275; Aug. 7.
Fried. Ostermann Company, Milwaukee, Wis. Leather coats and vests. 187,104; Dec. 18.
Friedberger, Moritz, Charlottenburg, near Berlin, Germany. Heterocyclic compounds. 168,258; Apr. 3.
Friedlaender, Oscar O., Co., New York, N. Y. Illuminating glassware. 173,280; June 12.
Friedman Bros. & Sons Neckwear Co. Inc., New York, N. Y. Ties, cravats, four-in-hand ties, and bow ties. 176,402; Aug. 21.
Friedman Bros. & Sons Neckwear Co. Inc., New York, N. Y. Ties, cravats. 177,290; Aug. 7.
Friedman Bros. & Sons Neckwear Co. Inc., New York, N. Y. Ties, cravats, four-in-hand ties, and bow ties. 181,271; Sept. 18.
Friedman Bros. & Sons Neckwear Co. Inc., New York, N. Y. Ties, cravats. 183,144; Oct. 9.
Friedman Bros. & Sons Neckwear Co., Inc., New York, N. Y. Ties and cravats. 185,290; Nov. 20.
Friedman & Friedman, Brooklyn, N. Y. Pyjamas. 159,354; Oct. 23.
Friedman-Kerr Co., The, Chicago, Ill. Candy. 168,714; Feb. 13.
Friedman & Krieger, New York, N. Y. Cotton fabrics. 179,528; July 3.
Friedman, Samuel A., Schenectady, N. Y. Ladies' hats, caps, and waists. 172,669; Aug. 7.
Friedrich-Friedrich Co., Inc., Philadelphia, Pa. Face powder. 184,819; Dec. 4.
Friedrich, Johannes, doing business as L. Perlmann, Leipzig, Germany. Knives and scissors. 166,444; Jan. 23.
Friedrich, John, Philadelphia, Pa. Ginger ale, sarsaparilla, and root beer. 184,817; Oct. 9.
Friedrich, John, Philadelphia, Pa. Ginger ale, sarsaparilla, and root beer. 184,818; Nov. 6.
Friend Brothers, Melrose, Mass. Bread, cake, pies, canned puddings, and mincemeat, etc. 167,518; May 1.
"Friend" Manufacturing Co., Gasport, N. Y. Insecticide sprayers and parts therefor; 176,823; Dec. 11.
Fries, Beall & Sharp Co. Inc., Washington, D. C. Asphalt shingles, cements, plaster, roofing, etc.. 169,583; Feb. 13.
Fries, Beall & Sharp Co., Inc., Washington, D. C. Roof and ready-mixed paint. 169,584; Feb. 13.
Fries, Beall & Sharp Co., Inc., Washington, D. C. Stove boards and conductor pipe. 169,585; Feb. 13.
Fries, Beall & Sharp Co., Inc., Washington, D. C. Coal ranges and stoves, wood and gas stoves, and pipeless furnaces. 169,587; Mar. 13.
Fries & Fries Company, The, Cincinnati, Ohio. Lotions, particularly alcohol, for external use. 161,774; Jan. 30.
Fries & Fries Company, The, Cincinnati, Ohio. Laxative. 182,968–9; Oct. 30.
Frink Creamery Company, The, Larkspur, Colo. Cheese. 186,361; Dec. 25.
Frith, Walter D., Vancouver, British Columbia, Canada. Canned salmon. 185,516; Dec. 18.
Fritz, Charles, doing business as California Toy Co., Berkeley, Calif. Kites. 185,013; Oct. 16.
Fritz, Edward B., Chicago, Ill. Monthly educational journal. 171,634; Mar. 13.
Fritz Radiator Cement Co., Rhineland, Mo. Product to be used in stopping leaks in cooling systems of automobiles, etc. 177,663; July 10.
Froehlich, Robert M., New York, N. Y. Raw materials and essential oils for manufacturing hair tonics, etc. 179,529; Nov. 20.
Frohlichstein, Harvey, St. Louis, Mo. Children's and infants' wearing apparel. 182,796; Dec. 11.
Froidevaux Cie. (See Thomas, Lillian S.)
Frolaset Corset Co., Detroit, Mich. Brassières, bandeaux, girdles, etc. 173,823; July 17.
Frolaset Corset Co., Detroit, Mich. Corsets, brassières, girdles, etc. 177,180; Aug. 28.
Frolaset Corset Co., Detroit, Mich. Corsets, corset waists, brassières, bandeaux, etc. 177,291; Aug. 14.
Fromm, F. H., & Company. (See Fromm, Frank H.)
Fromm, F. H., doing business as F. H. Fromm & Co., Philadelphia, Pa. Sardines packed in oil. 162,924; June 26.
Fromm, Frank H., doing business as F. H. Fromm & Company, Philadelphia, Pa. Canned sardines. 159,747; Mar. 27.
Fromm, Frank H., doing business as F. H. Fromm & Co., Philadelphia, Pa. Canned fish. 172,329; May 15.
Fronk, Henriette C., Schenectady, N. Y. Ointment for the treatment of rheumatism, sprains, sores, etc. 173,281; May 1.
Frontier Elevator & Mill Co., Buffalo, N. Y. Wheat flour. 180,276; Sept. 25.
Frontier Elevator & Mill Company, Buffalo, N. Y. Wheat flour. 177,730; Aug. 21.
Frost, George, Company, Boston, Mass. Men's garters. 181,481; Dec. 25.
Frost, Jack, Sales Agency, Chicago, Ill. Ice-cream cone. 166,299; Mar. 20.
Frost, Lorenzo S., doing business as L. S. Frost, Cambridge, Mass. Metal material for portable buildings and metal for doors and locks. 177.665; June 12.
Frost Superior Fence Co., The, Warren, Ohio. Vegetable crutch. 179,143; Aug. 14.
Frostilla Company, The. (See Shoemaker, Flora H.)
Frozen Fruit, Inc., Harrisburg, Pa. Candy. 159,088; Aug. 14.
Frozen Peak Mfg. Co., Joplin, Mo. Ice-cream confection. 166,994; Feb. 20.
Fruhauf Bros. & Co., New York, N. Y. Men's and young men's outer garments. 176,460; Aug. 7.
Fruhauf Bros. & Co., New York, N. Y. Men's and young men's overcoats and suits. 176,736; Aug. 14.
Fruit Belt Preserving Company, East Williamson, N. Y. Canned fruits and vegetables. 172,984; Apr. 17.
Fruit Haven Farm, Woodbury, Ga. Fresh peaches. 166,053; Dec. 11.
Frutrite Products Company, Los Angeles, Calif. Jams, jellies, marmalades, fruit preserves, and butters, etc. 166,991; Feb. 20.
Fry Bros. Company, The, Cincinnati, Ohio. Laundry bags of net material. 180,277; Sept. 4.

Alphabetical list of trade-mark applicants—Continued.

Frye, Robert B., Pueblo, Colo. Chemical composition for destroying rodents and other animal pests. 182,340; Oct. 16.
Fuchs, Joseph J., doing business as Tourists Pride Mfg. Co., Minneapolis, Minn. Inner-tube repair patches. 132,601; Apr. 17.
Fuerth, Gustave J., & Co., New York, N. Y. Furs, skins, and peltries. 165,864; Jan. 2.
Fuhrman, O., Inc., New York, N. Y. Leather shoes and storm rubbers. 170,741; June 5.
Fulcra-Tan Company, assignor to Geltan Company, New York, N. Y. Tanning materials. 180,118; July 31.
Fuld, William, Baltimore, Md. Figure toys. 176,961; May 15.
Fulghum & Company, Los Angeles, Calif. Hair nets. 168,029; Feb. 13.
Fulghum & Company, Los Angeles, Calif. Hair nets. 176,613–4; May 1.
Fuller, James C., Kansas City, Mo. Shampoo preparation. 165,281; Dec. 4.
Fuller-Morrison Company, Chicago, Ill. Sanitary elastic woven belts and cotton napkins for women. 185,218; Dec. 4.
Fulton Bag & Cotton Mills, Atlanta, Ga. Waterproof duck and tarpaulins. 184,545; Nov. 20.
Fulton Confectionery Company, Boston, Mass. Candy. 182,577; Oct. 30.
Fulton, Emma G., Chicago, Ill. Hair grower. 172,218; Oct. 30.
Fulton Lime & Cement Co. (See Womack, Maggie H.)
Fulton Smoked Fish Co., Chicago, Ill. Smoked fish. 176,117; May 22.
Funke, Edward, doing business as Near East Trading Co., New York, N. Y. Cigarettes. 177,553–4; May 8.
Funsten Brothers & Company, St. Louis, Mo. Catalogues and price lists. 187,306; Dec. 11.
Furgerson, Henry B., M. D., doing business as Furgerson Drug Co., Halifax, N. C. Dog and puppy tonic, antiseptic tablets, and blood pills. 180,597; Aug. 7.
Furnaseal Mfg. Co., Chicago, Ill. Refractory cements and protective plaster coatings. 179,405; Sept. 4.
Furst-McNess Company, Freeport, Ill. Hard-water soap. 183,266; Oct. 16.
Furst-McNess Company, Freeport, Ill. Perfume, toilet water, face powder, etc. 183,268; Nov. 13.
Futrell, Cicero F., Conway, N. C. Preparation for the treatment of piles. 178,500; July 10.
G. B. Borsalino Fu Lazzaro & C., Alessandria, Italy. Men's hats. 163,136; Jan. 9.
G. C. A. Manufacturing Company, The, Pittsfield, Mass. Apparatus for installing and removing electric-light bulbs, lamp sockets, etc. 174,570; Apr. 3.
G. F. H. Corporation, The, Denver, Colo. Gas, gasoline, oil, and steam tractors. 152,919; Feb. 6.
G & H Products Co. (See Gleich, Valentine A.)
G & W Electric Specialty Co., Chicago, Ill. Single and multiple conductor potheads, high and low tension potheads, cable-end bells, etc. 171,638; Jan. 9.
Gabbola, Raffaele, New York, N. Y. Salve for burns, scalds, and sunburn. 165,284; Jan. 2.
Gabel Bros., Garnerville, N. Y. Stove polish. 150,895; July 31.
Gabriel, C. O., & Sons, Columbus Junction, Iowa. Preparation for removing rust. 164,161; Oct. 9.
Gaffey, John T., doing business as Mah Juck Mfg. Co., San Pedro, Calif. Racks used in connection with the game Mah Juck. 174,770; May 15.
Gaffney, Romeo, Coffeyville, Kans. Blood, liver, and system tonic. 181,068; Sept. 18.
Gage Brothers & Company, Chicago, Ill. Ladies' hats. 167,124; Jan. 9.
Gagnier, George E., doing business as Gagnier Trimming Supply Co., Detroit, Mich. Fiber board and automobile panel material. 183,107–8; Oct. 2.
Galbraith, Leslie P., Pueblo, Colo. Lubricating material in the nature of oils and greases. 169,397; Jan. 2.
Galbraith, Leslie P., Pueblo, Colo. Chemically treated cleaning cloths for furniture, automobiles, etc. 169,398; Feb. 6.
Galbrun, Eugene, Paris, France. Organic solution of iron and manganese combined with peptones for anæmia, etc. 180,854; Aug. 28.
Galbrun, Eugène, Paris, France. Solution containing peptone and iodine. 180,855; Aug. 14.
Gale Shoe Manufacturing Co., Boston, Mass. Leather boots and shoes. 170,061; Jan. 30.
Galef, J. L., New York, N. Y. Shotguns and parts thereof. 159,864; Mar. 13.
Galef, Jacques L., New York, N. Y. Shotguns and parts thereof. 162,876; Jan. 30.
Galeton Dairy Products Company, Galeton, Pa. Butter. 177,837; Aug. 21.
Galewski, S., Co. Inc., New York, N. Y. Suitcases, coat cases, cases for containing automobilists' equipment, etc. 161,878; Nov. 6.
Gallagher, James T., doing business as Edith Frances, Miami, Fla. Deodorant. 174,239; Apr. 24.
Gallagher, James T., doing business as Edith Frances, Miami, Fla. Lemon vanishing cream, foundation cream, emollient cream, etc. 174,240; Dec. 18.
Gallagher, John F., Chicago, Ill. Preparation used for the destruction and eradication of lice, insects, and other vermin. 158,169; Aug. 7.
Gallagher, Owen V., doing business as Mentho Relief Company, Denver, Colo. Salve. 166,227; Mar. 27.
Gallagher, Thomas F., doing business as Gallagher Bros., Chicago, Ill. Butter. 159,466; Sept. 11.
Galtra Manufacturing Co. (See Dutra, John F.)
Galvin, Martin R., Des Moines, Iowa. Confection composed of a chocolate-coated ice cream. 168,215; Feb. 6.
Gambinossi, Dante, New York, N. Y. Candy. 176,265; Aug. 14.
Gamble, Helen C., New Brunswick, N. J. Hat bags. 177,664; May 15.
Gandy Belting Company, The, Baltimore, Md. Publication issued at irregular intervals. 173,042; Feb. 27.
Garbarini, André, Courbevoie, France. Portable heating apparatus. 165,750; June 5.
Garcia, Joaquin, doing business as Bumble Bee Specialty Co., New York, N. Y. Toy buzzer. 183,566; Nov. 6.
Gardiner & Lewis, Inc., New York, N. Y. Asphaltic paints used for waterproofing buildings, expansion joints, etc. 141,367; Feb. 13.
Gardner, Henry A., Washington, D. C. Waterproofing plastic compositions for roads and cement constructions. 168,524–5; Jan. 9.
Garfield Worsted Mills, Garfield, N. J. Knitted woolen piece goods. 178,604; July 31.
Garfinkle, Julius, doing business as Julius Garfinkle & Co., Washington, D. C. Ladies' and misses' silk and cotton underwear of textile fabrics. 170,814; Aug. 7.
Garfinkle, Julius, doing business as Julius Garfinkle & Co., Washington, D. C. Suits, dresses, skirts, waists, etc. 174,362; July 10.
Garfinkle, Julius, doing business as Julius Garfinkle & Co., Washington, D. C. Hair nets. 177,373; May 1.
Garhart Dental Specialty Company, Somerville, Mass. Filling for teeth. 176,793; May 8.
Garlek, Charles, doing business as 56th St. Quality Bakery, Philadelphia, Pa. Bread. 178,605; Dec. 18.
Garley Steel Company. (See Hird, Roy G.)
Garlock Packing Company, The, Palmyra, N. Y. Packing and packing material. 160,008; Dec. 25.
Garneau, Jos., Co., Inc., The, New York, N. Y. Canned fish. 175,080; July 24.
Garneau, Jos., Co., Inc., The, New York, N. Y. Canned fish. 186,899; Dec. 11.
Garner Bros., New York, N. Y. Misses' and children's hats. 168,715; Jan. 30.
Garner Print Works & Bleachery, New York, N. Y. Cotton piece goods. 183,109; Oct. 2.
Garnet, George H., doing business as The George H. Garnet Company, Allentown, Pa. Ice cream inclosed in pastry. 161,251; Apr. 17.
Garred & Krause Drug Co., Walla Walla, Wash. Photographs. 181,390; Oct. 2.
Garrett & Co., Inc., Brooklyn, N. Y. Food-flavoring extracts and jellies. 172,644; Aug. 14.
Garrett and Co. Inc., Brooklyn, N. Y. Beverages sold as soft drinks and sirups for preparing same. 174,077; May 1.
Garrett, Clara E., New York, N. Y. Hand-decorated silk and velvet goods in the piece. 178,915; June 5.
Garrett, Ralph C., doing business as Tricco Chemical Co., Detroit, Mich. Preparation for use in the treatment of eczema. 171,268; May 22.
Garrison, Harry B., also doing business as The Silvodent Co., Portland, Oreg. Foundation and pulp protector used in making metal dental fillings. 183,269; Sept. 11.
Garrity, L. M., & Co., Inc., Boston, Mass. Hair wavers, crimpers, curlers, binders, puffs, etc. 168,361; Jan. 2.
Garscraig Fire Clay Company, Limited, Glasgow, Scotland. Fire-clay goods. 166,550; Jan. 9.
Garten, Elmer A., Hinton, W. Va. Composition for stopping leaks in tires and for preserving rubber. 136,626; May 29.
Gartside's Iron Rust Soap Co., Philadelphia, Pa. Laundry blue. 180,534; Oct. 23.
Garza, Pablo G., doing business as Grain Export Co., San Antonio, Tex. Corn flour. 165,078; Jan. 30.
Gasaway, A. A., & Son. (See Gasaway, Albert A.)
Gasaway, Albert A., doing business as A. A. Gasaway & Son, St. Joseph, Mo. Salves, washes, and ointments used in treatment of piles and eczema. 170,062; Mar. 20.
Gash, Abraham, New York, N. Y. Winter-pressed cottonseed salad oil flavored with pure olive oil. 173,819; June 26.
Gasifier Company, The, Elizabeth, N. J. Hydrocarbon-fuel burners. 180,214; Aug. 21.
Gaspari, Laura, New York, N. Y. Deodorants. 175,483; June 26.
Gastone Co., The, Rocky Mount, N. C. Medicine. 179,266; Aug. 21.
Gates Auto Laundry and Supply Company, St. Louis, Mo. Air-pressure systems for washing automobiles or other vehicles and cleaning the interior thereof and parts of said systems. 179,144; Sept. 25.
Gates, Thomas B. M., New York, N. Y. Sport hair nets. 187,252; Dec. 25.
Gatlin and Gatlin, Los Angeles, Calif. Canned fish. 181,562; Aug. 21.
Gattaz, Joseph B., doing business as Gattaz & Co., Chicago, Ill. Compound for treating eyelashes and eyelids. 184,130; Nov. 27.

Alphabetical list of trade-mark applicants—Continued.

Gaudé, Francis J., Port Allen, La. Series of cartoons. 181,069; Oct. 2.
Gazzoni, A., & C., 11 Gerente, Bologna, Italy. Radioactive reconstituent. 173,385; July 17.
Gebhart, Edgar S., doing business as Redfern Medicine Company, Dayton, Ohio. Digestive tonic. 174,518; May 8.
Gebr. Korte, Stahlwarenfabrik, Solingen, Germany. Razors, safety razors, mechanical strops, table knives and forks of base metal, etc. 165,945; Feb. 27.
Gebr. Korte, Stahlwarenfabrik, Solingen, Germany. Razors, safety razors, and mechanical strops. 165,946; Feb. 27.
Gebr. Korte, Stahlwarenfabrik, Solingen, Germany. Razors and safety razors. 165,947; Feb. 27.
Gebr. Noelle, Ludenscheid, Germany. Knives, forks, and spoons of aluminum. 178,183; Oct. 2.
Gebs Boot Shop, Pittsburgh, Pa. Boots, shoes, and slippers, hosiery. 180,174; Oct. 2.
Geddes & Barnaby, also doing business as Al-Fa-Fa Mfg. Co., Los Angeles, Calif. Laxatives and tonics. 182,579; Oct. 30.
Gedney, M. A., Company, Minneapolis, Minn. Vinegar. 173,826; Aug. 28.
Geiger Candy Company, Indianapolis, Ind. Candy. 183,058; Sept. 18.
Geiger Candy Company, Indianapolis, Ind. Candy. 183,060–2; Sept. 18.
Geigy Company, Inc., New York, N. Y. Dyestuffs. 184,721; Dec. 4.
Geiler, F. W., Inc., New York, N. Y. Colors ground in oils, oil paints, enamel paints, etc. 177,732; Sept. 4.
Gellman Wrench Corporation, The, Chicago, Ill. Wrenches. 174,896; Apr. 17.
Gelpi, Paul, & Sons, Inc., New Orleans, La. Chocolate and candies. 170,135; Mar. 13.
Geltan Company. (See Fulcra-Tan Company.)
Geltman, Israel, New York, N. Y. Canned sardines and tunny fish, mustard, pepper, condensed milk, cheese, tea, etc. 168,362; Mar. 20.
Geltman, Israel, New York, N. Y. Cheese, mustard, farina, tea, coffee, chocolate, condensed milk, rice, etc. 169,751; Apr. 3.
Gem-Air Permanent Wave Co. Inc., New York, N. Y. Oily preparation for producing permanent waves in the human hair. 168,603; Aug. 14.
Gem Hammock & Fly Net Company, The, Milwaukee, Wis. Brooms and mops. 138,557; Nov. 20.
Gem Manufacturing Company. (See Eldredge, Frank M.)
Gem Publishing Company. (See Young, Joseph S.)
Gem Tire and Rubber Company. (See Chadwin, Leo L.)
Genant, William A. Syracuse, N. Y. Canned shrimp. 160,409; Sept. 25.
General Asbestos & Rubber Company, Charleston, S. C. Seal and compensating means for piston rings. 170,717; Oct. 30.
General Auto Electric Company, Newark, N. J. Electric batteries. 153,244; Mar. 27.
General Bakelite Company, Perth Amboy, N. J. Pipes and pipe parts. 175,601; Apr. 24.
General Baking Company, New York, N. Y. Bread. 160,056; May 8.
General Chemical Company, New York, N. Y. Insecticides and fungicides. 183,967; Nov. 27.
General Cigar Co., Inc., New York, N. Y. Cigars. 170,815; Jan. 2.
General Commercial Company, San Francisco, Calif. Canned fruits—namely, peaches, pears, apricots, apples: dried fruits—namely, prunes, peaches, etc. 169,291–2; Feb. 27.
General Electric Company, Schenectady, N. Y. Nonmetallic gear wheels and gear-wheel blanks. 161,181; Jan. 23.
General Electric Company, Schenectady, N. Y. Electric motors. 161,182; May 29.
General Electric Company, Schenectady, N. Y. Publication. 167,389; Mar. 27.
General Electric Company, Schenectady, N. Y. Nonmetallic sheet material formed from textile material and a binder. 170,524; Mar. 13.
General Electric Company, Schenectady, N. Y. Decorative electric-light outfits for Christmas trees. 171,165; Dec. 25.
General Electric Company, Schenectady, N. Y. Nonmetallic gear wheels and gear-wheel blanks. 176,118; May 8.
General Engineering & Construction Company, and also doing business as Rockford Manufacturing Co., Rockford, Ill. Electrically-operated apparatus for heating and blowing air for drying purposes. 162,675; Jan. 9.
General Explosives Company, Chicago, Ill. Explosives. 148,383; May 15.
General Gas Mantle Co., Camden, N. J. Heating apparatus. 185,354; Nov. 27.
General Laboratories, Madison, Wis. Preparations used for the prevention and treatment of germ diseases. 181,885; Dec. 18.
General Lead Batteries Company, Newark, N. J. Lead storage batteries and parts. 161,992; July 24.
General Paint and Varnish Company, Chicago, Ill. Ready-mixed paints, paint enamels, and stains. 183,271; Oct. 30.
General Paint and Varnish Company, Chicago, Ill. Varnishes, stains, and paint enamels. 183,273; Nov. 13.
General Paint and Varnish Company, Chicago, Ill. Flat wall paint. 183,274; Oct. 30.
General Paint and Varnish Company, Chicago, Ill. Paint enamels, flat wall finish, and varnishes. 183,275; Oct. 30.
General Paint and Varnish Company, Chicago, Ill. Flat wall finish. 183,276; Oct. 30.
General Paint and Varnish Company, Chicago, Ill. Liquid, hard, or soft soap. 183,277; Nov. 13.
General Paint and Varnish Company, Chicago, Ill. Paint enamels, flat wall finish, and varnishes. 183,278; Oct. 30.
General Paint and Varnish Company, Chicago, Ill. Varnish for the cementing of linoleums, etc. 183,279; Oct. 30.
General Paint and Varnish Company, Chicago, Ill. Lemon-oil polish. 183,280; Oct. 30.
General Paint and Varnish Company, Chicago, Ill. Paint and varnish removers. 183,281; Oct. 30.
General Paint and Varnish Company, Chicago, Ill. Varnishes and stains. 183,282; Oct. 30.
General Porcelain Company, Parkersburg, W. Va. Cutouts, receptacles, sockets, fuse plugs, etc. 172,219; Sept. 4.
General Radio Corporation, Philadelphia, Pa. Variometers, variocouplers transformers, etc. for radio apparatus, radio receiving sets, etc. 180,279; Aug. 7.
General Tire and Rubber Company, The, Akron, Ohio. Rubber tires, tire casings, inner tubes. 114,161; Feb. 27.
General Tobacco Company, Louisville, Ky., and Chicago, Ill. Cigarettes, cigars, and smoking tobacco. 184,332–3; Oct. 30.
General Tobacco Company, Louisville, Ky., and Chicago, Ill. Cigarettes, cigars, and smoking tobacco. 184,334; Oct. 16.
General Tobacco Company, Louisville, Ky., and Chicago, Ill. Cigarettes, cigars, and smoking tobacco. 184,335; Oct. 30.
General Tobacco Company, Louisville, Ky., and Chicago, Ill. Cigars, smoking and leaf tobacco. 184,336; Oct. 16.
General Water Heater Corporation, Los Angeles, Calif. Water heaters. 176,173; May 22.
General Water Heater Corporation, Los Angeles, Calif. Water heaters. 180,856; Aug. 21.
General Water Heater Corporation, Los Angeles, Calif. Water heaters. 180,857; Oct. 23.
Genesee Pure Food Company, The, Le Roy, N. Y. Compound for use in the preparation of jellies, desserts, and pastries. 178,998; Aug. 21.
Gene-Vall Cigar Co., Inc., New York, N. Y. Cigars. 163,677; May 29.
Gennert, G., Inc., New York, N. Y. Albums. 175,423; June 12.
Genuine Remedies Company, Newark, N. J. Remedy for indigestion, gas, nausea, dyspepsia, and similar stomach disorders. 169,708; Jan. 2.
George Close Co., The, Cambridge, Mass. Candy. 170,562; May 1.
George Close Co., The, Cambridge, Mass. Candy. 170,563; Aug. 14.
George Close Co., The, Cambridge, Mass. Candy. 172,516–7; Apr. 17.
George, H. J., Long Beach, Calif. Automobile dog carrier. 179,195; Aug. 7.
George, Robert J., doing business as Imperial Peanut & Coffee Company, Wilkes-Barre, Pa. Roasted and salted peanuts. 163,795; May 8.
George, Robert J., doing business as Imperial Peanut & Coffee Company, Wilkes-Barre, Pa. Coffees, candies, chocolates, and chocolate-covered confections. 163,796; May 8.
George Urban Milling Company, Buffalo, N. Y. Wheat flour. 176,299; Aug. 14.
Georgene, Madame, Inc., New York, N. Y. Dolls. 180,003; July 31.
Georgopulo, A. G., & Co., New York, N. Y. Cigarettes. 168,260; Feb. 27.
Geraldine Hat Co., New York, N. Y. Women's, misses', and children's hats. 170,482; Nov. 27.
Gerber & Co. A. G., Thoune, Switzerland. Cheese. 182,580; Nov. 6.
Gerber & Co., Ltd., Thoune, Switzerland. Cheese. 158,388; Jan. 30.
Gerber & Co. Ltd., Thoune, Switzerland. Cheese. 158,389; Dec. 4.
Gerhardt, Jacob, & Company, Incorporated, New York, N. Y. Outer, negligee, and work shirts for men. 172,670; June 5.
Gerke, Robert H., doing business as The Bobs Drug Co., Marietta, Ohio. Preparation for treating headache, neuralgia, etc. 169,356; Oct. 30.
Gerla, M., & Son, New York, N. Y. Dresses, coats, suits, waists, sweaters, hosiery, etc. 185,118; Dec. 18.
Ger-Le Laboratories, Chicago, Ill. Toilet articles. 176,403; Sept. 25.
Germain Brothers Company, The, Saginaw, Mich. Type of toilet or closet seat. 172,874; June 12.
Germ-A-Lax Laboratories. (See Raymond, Jules N.)

Alphabetical list of trade-mark applicants—Continued.

Germanow-Simon Machine Co., Rochester, N. Y. Machines for applying watch crystals. 169,632; Feb. 13.
Germany, Mary, doing business as Mrs. Mary Germany, Dallas, Tex. Salad dressing. 176,119; July 24.
Germ-O-Salv Company, The, Searcy, Ark. Preparation for the treatment of itch, also for slow-healing and infected sores, etc. 182,342; Nov. 13.
Gerson & Breyer, San Francisco, Calif. Hosiery. 176,174; June 19.
Gerson & Breyer, San Francisco, Calif. Men's, women's, and children's hosiery. 177,374; July 24.
Gerson, Paul, Pictures Corporation, The, San Francisco, Calif. Motion-picture films. 173,818; Mar. 20.
Gerstendorfer Bros., New York, N. Y. Varnishes, enamel paints, gilding powders, liquid gold paint, etc. 172,938; Feb. 13.
Gestetner, D., Limited, London, England. Duplicating apparatus and accessories thereto, etc. 178,175; July 10.
Get-Gas Service Stations, Inc., Springfield, Ill. Gasoline, kerosene, naphtha, etc. 158,391; Apr. 10.
Getsinger, Orpho C., Los Angeles, Calif. Motion-picture films. 168,261; Mar. 20.
Getz, Vernon C., doing business as The Wonderlay Company, Indianapolis, Ind. Antiseptic drink for chicks. 177,292; July 10.
Getz, Vernon C., doing business as The Wonderlay Company, Indianapolis, Ind. Chick tonic feed. 177,293; Sept. 18.
Gevaert Photo-Producten N. V., Oude-God, near Antwerp, Belgium. Sensitized photographic papers. 184,240; Oct. 30.
Gheens, C. E., doing business as Bradas & Gheens, Louisville, Ky. Candy. 169,709; Sept. 4.
Gheens, C. Edward, Louisville, Ky. Candy. 169,542; May 8.
Ghriskey's, Charles M., Sons, Philadelphia, Pa. Tennis-tape reels, baseballs, baseball gloves and mits, baseball bats, etc. 171,456; May 1.
Giant Umbrella Co. (See Grossman, Jacob.)
Giard, Philip, Shoe Company, Inc., The, Brockton, Mass. Boots and shoes. 173,886; June 12.
Gibson, Geo. R., Co., New York, N. Y. Bath and tooth brushes. 163,978; Feb. 6.
Gibson, Geo. R., Co., New York, N. Y. Nail, tooth, hair, cloth, and flesh brushes. 163,979; May 22.
Gibson, Geo. R., Co., New York, N. Y. Toothbrushes. 165,791; July 10.
Gibson, Geo. R., Co., New York, N. Y. Toothbrushes. 184,337; Nov. 20.
Gibson, Geo. R., & Co., New York, N. Y. Tooth, complexion, and hand brushes. 184,496; Oct. 16.
Gibson, Guy T., Incorporated, New York, N. Y. Toilet lotions, powders, creams, waters, sachets, etc. 185,698–9; Dec. 11.
Gibson, Lina S., doing business as Gibson Remedy Company, Fort Wayne, Ind. Preparation for the relief of coughs and after effects of influenza, etc. 180,759; Sept. 11.
Giddings, Warren A., doing business as Nitrol Chemical Co., not Inc., Chicago, Ill. Antiseptic lotion for the treatment of cuts, burns, boils, etc. 166,228; Jan. 2.
Giguet, Julien, Lyon, France. Hair nets. 180,176–7; Nov. 20.
Gilchrist, William A., Chicago, Ill. Steam-boiler furnaces and parts thereof. 179,719; Dec. 25.
Gilbert, A., & Sons Brass Foundry Co., St. Louis, Mo. Brass, aluminum, etc., ingots and castings. 163,515; Sept. 18.
Gilbert, A. C., Company, New Haven, Conn. Toy construction sets. 175,192; Mar. 27.
Gilbert Bros. & Co., Inc., Baltimore, Md. Preparation for headache, neuritis, la grippe, etc. 182,511; Nov. 13.
Gilbert Bros. & Co., Inc., Baltimore, Md. Tooth paste and a cream for the skin. 183,372; Nov. 13.
Gilbert Bros. & Co., Inc., Baltimore, Md. Conditioning powder to be added to horse, cattle, and poultry feed. 183,373; Dec. 4.
Gilbert Bros. & Co., Inc., Baltimore, Md. Flavoring extracts for foods. 183,374; Nov. 13.
Gilbert Bros. & Co., Inc., Baltimore, Md. Cream for cleansing the skin, etc. 183,375; Dec. 4.
Gilbert Bros. & Co., Inc., Baltimore, Md. Preparation for the treatment of nervous and sick headache, neuralgia, etc. 183,377; Nov. 13.
Gilbert, Glenn R., doing business as Azol Laboratories, Chicago, Ill. Tooth paste, mouth wash, pyorrhea astringent, hair tonic, etc. 167,612; Aug. 7.
Gilbert, Henry S., doing business as Berco Medicine Co., Louisville, Ky. Female general tonic. 177,733; July 10.
Gilbert Paper Co., Menasha, Wis. Bond, ledger, and writing papers. 182,410; Sept. 11.
Gilbert Paper Co., Menasha, Wis. Bond, ledger, and writing paper. 182,411; Aug. 21.
Gilbert, S. L., & Co. Inc., New York, N. Y. Knitted bathing suits, sweaters, jackets, and scarfs. 184,241; Oct. 16.
Gile & Jenks, Salem, Oreg. Dried fruits. 180,858; Sept. 25.
Gill Brothers Company, Steubenville, Ohio. Kerosene-lamp burners. 183,474; Nov. 13.
Gill Brothers Company, Steubenville, Ohio. Lamp wick. 184,665; Nov. 27.
Gill, Warren D., Los Angeles, Calif. Tooth paste. 176,962; June 12.
Gillen-Cole Co., Portland, Oreg. Asbestos mats. 171,312; July 3.
Gillen, P. Joseph, doing business as Mentho-Kreoamo Company, Clinton, Ill. Medicinal preparation for pneumonia, flu, colds, etc. 177,294; July 10.
Gillet & Fils, Villeurbanne, France. Apparatus for permitting the matching of color shades. 177,181; June 26.
Gillett Chemical Works. (See Gillett, Clyde R.)
Gillett, Clyde R., doing business as Gillett Chemical Works, Sacramento, Calif. Lubricating oils. 169,293; May 15.
Gillett, Ralph J., Importing Company, The, Cleveland, Ohio. Jewelry, tableware, etc. 154,589; Aug. 21.
Gillette Rubber Company, Eau Claire, Wis. Raincoats. 165,950; Apr. 3.
Gilliam Manufacturing Company, The, Canton, Ohio. Roller bearings. 173,633; Sept. 25.
Gillinder & Sons, Inc., Philadelphia, Pa. Illuminating glassware, such as lamp shades, globes, bowls, etc. 174,133; Mar. 6.
Gillitt, Fred C., doing business as C-O-D Cereal Co., St. Paul, Minn. Breakfast cereals. 158,309; Mar. 20.
Gilmore Petroleum Company, Los Angeles, Calif. Volatile compound derived from petroleum. 166,557; Apr. 10.
Gilmore Petroleum Company, Los Angeles, Calif. Kerosene and lubricating oils. 166,558; Sept. 4.
Gilmore Petroleum Company, Los Angeles, Calif. Lubricating oils. 173,634; Feb. 20.
Gilmore Petroleum Company, Los Angeles, Calif. Lubricating oils. 173,764–5; Feb. 27.
Gimbel Brothers, Incorporated, Philadelphia, Pa. Men's hats. 166,944; Apr. 10.
Gimbel Brothers, Inc., New York, N. Y. Golf balls. 178,916; Aug. 21.
Gimbel Brothers, Inc., New York, N. Y. Table glassware. 180,063; July 10.
Gimenez y Moreno, Alfredo, Bayamon, P. R. Medicine for treatment of tuberculosis. 169,137; Dec. 18.
Ginsberg, I., & Bros., assignors to Isaac Ginsberg & Brothers, Inc., New York, N. Y. Children's, girls', and women's dresses. 170,636; May 15.
Ginsberg, I., & Bros., New York, N. Y., assignor to Isaac Ginsberg & Brothers, Inc. Women's dresses. 172,671; May 22.
Ginsberg, R., & Bro., New York, N. Y. Ladies' hair nets. 181,563; Aug. 7.
Gintone Laboratories. (See Schneider, Emil D.)
Giocalas, Th. & V. Coyimzoglu, New York, N. Y. Dates. 174,435–7; May 29.
Giocalas, Th. & V. Coyimzoglu, New York, N. Y. Dates. 174,438; July 3.
Giocalas, Th. & V. Coyimzoglu, New York, N. Y. Dates. 174,439; May 29.
Gisholt Machine Company, Madison, Wis. Lathes. 177,482; June 12.
Given, John M., Company, The, New York, N. Y.; Chicago, Ill.; and Pittsburgh, Pa. Hosiery. 180,660; Sept. 18.
Given, John M., Company, The, New York, N. Y.; Chicago, Ill.,; and Pittsburgh, Pa. Hosiery. 180,699; Sept. 18.
Giviemme Company, Philadelphia, Pa. Perfumes, face powders, toilet waters, etc. 182,797; Oct. 30.
Glacier Deposit Laboratories, Inc., Springfield, Minn. Complexion clay. 182,050; Nov. 13.
Glacifer Company, Boston, Mass. Cooling containers. 148,023; Feb. 20.
Gladding, B. F., & Co., Inc., South Otselic, N. Y. Enameled silk fly fishing lines. 154,689; Jan. 9.
Gladding Dry Goods Co., Providence, R. I. Bookcases, beds, etc. 158,829; May 29.
Glaser Bros., Boston, Mass. Finger rings. 173,188; Feb. 27.
Glass, Henry, & Co., New York, N. Y. Cotton piece goods. 170,580; Jan. 30.
Glass, Henry, & Co., New York, N. Y. Cotton piece goods. 171,493; Jan. 2.
Glass, Henry, & Co., New York, N. Y. Ginghams in the piece. 173,820; Apr. 3.
Glasser, H. W., Tobacco Products Co. (See Jaeger-Kunnert Co.)
Glassmire, Sara R., doing business as Wm. Glassmire's, Philadelphia, Pa. Hair lotions and skin creams. 173,283; May 15.
Glassmire's, Wm. (See Glassmire, Sara R.)
Glauber, M., & Company, New York, N. Y. Cleaning and disinfectant preparation. 183,829; Nov. 20.
Gleason, John E., Asbury Park, N. J. Gaskets for internal-combustion engines. 170,880; May 1.
Gleckner, W. W., & Sons Co., Canton, Pa. Harness, collars, saddlery, and parts thereof. 179,267; July 10.
Gleich, Valentine A., doing business as G & H Products Co., Columbus, Ohio. Writing inks. 175,784; June 26.
Glemby's, S., Sons Co., Inc., New York, N. Y. Hair nets. 186,009; Nov. 13.
Glenco Chemical Co., Troy, N. Y. Cleansing powder. 169,357; Jan. 30.
Glenco Products Company, Quincy, Ill. Mops. 176,175; Oct. 2.

Glenn, Maggie T., Albuquerque, N. Mex. Hair growers, temple growers, and pressing oil. 184,548; Dec. 4.
Glessner, Inez C., doing business as Largal Company, Findlay, Ohio. Preparation for the relief of colds. 168,764; Jan. 2.
Glickman, Abraham E., Brooklyn, N. Y. Hair tonic. 171,017; Apr. 17.
Glickson, Simon, Chicago, Ill. Preparations for gonorrhea and syphilis. 164,538; Aug. 28.
Glidden Company, The, Cleveland, Ohio. Paints and varnishes. 172,672; Sept. 11.
Glidden Company, The, Cleveland, Ohio. Liquid varnish. 183,378; Oct. 2.
Glidden Nut Butter Company, The, Chicago, Ill. Oleomargine. 159,506; Feb. 13.
Glirr Mfg. Co., The. (See Wigart, John.)
Glistridis, Frosso & Co., New York, N. Y. Candles. 177,183; Apr. 24.
Glob-Artco. (See Ungar, Irwin K.)
Globe Art Mfg. Co., Newark, N. J. Radio receiving sets. 168,034; Nov. 20.
Globe Beverage Co. (See Grassini, Frank L.)
Globe Import Co. (See Richter, Julius.)
Globe Import Company, San Francisco, Calif. Hair nets. 177,734; May 15.
Globe Laboratories, Fort Worth, Tex. Clear refined anti-hog-cholera serum, anti-hog-cholera serum, hog-cholera virus, mixed infection bacterin for swine, etc. 163,752; May 29.
Globe Phone Manufacturing Company, Reading, Mass. Telephone apparatus and parts thereof. 149,747; Dec. 25.
Globe Radio Manufacturing Co. (See Cuthbert, Richard G.)
Globe Rubber Tire Manufacturing Co., Trenton, N. J. Nonmetallic pneumatic tires and inner tubes. 175,589; Apr. 3.
Globe Shoe Company, Chelsea, Mass. Women's boots and shoes. 169,900; Apr. 3.
Globe Soap Company, The, Cincinnati, Ohio. Soap. 186,363; Dec. 11.
Globe Wire Co., Sharpsburg, Pa. Steel rods. 174,772; Apr. 3.
Globe Wire Co., Sharpsburg, Pa. Steel rods suitable for the making of taps and small tools. 174,773; June 19.
Gloria Co., Chicago, Ill. Face enamel for use as a skin curative. 167,940; Jan. 9.
Gloria Light Co., Chicago, Ill. Kerosene-gas-making appliances. 171,123; July 17.
Glossine Chemical Co. (See Brueck, Joseph.)
Glo-Tex Company, The, Indianapolis, Ind. Cleaning fluid for dry-cleaning fabrics, leather, and the like. 173,763; Apr. 24.
Gluck, Edward V., doing business as Safe-T Fuse Handle Co., Richmond Hill, assignor to Safe-T Fuse Handle Co. Inc., Woodhaven, N. Y. Safety devices for handling electric fuses. 139,206; Jan. 23.
Glucol Mfg. Co., The, Cleveland, Ohio. Pastes, glues, and adhesives. 172,271; Mar. 13.
Godel, E., & Sons, Peoria, Ill. Lard. 165,586; Oct. 2.
Godfrey, Charles L., Corona, N. Y. Tennis racket. 184,242; Nov. 6.
Goeller's, M. G., Sons, Circleville, Ohio. Brooms. 175,861; May 15.
Goeller's, M. G., Sons, Circleville, Ohio. Floor brushes. 182,749; Oct. 30.
Goepel, Charles H., jr., Philadelphia, Pa. Hosiery. 178,719; Sept. 11.
Goepel, Charles H., jr., Philadelphia, Pa. Hosiery. 183,110; Oct. 2.
Goerdeler, Pearl P., Brooklyn, N. Y. Dolls. 180,536; Oct. 2.
Goertz, August, & Co., Newark, N. J. Knife or cutting-blade handles. 176,461; July 24.
Goerz Flour Mills Co., Newton, Kans. Wheat flour. 152,796; July 17.
Goethel, Alfred C., Co., Milwaukee, Wis. Dust collectors. 157,369; May 29.
Goethel, Alfred C., The, Milwaukee, Wis. Sheet-metal sectional rowboats. 176,617; July 17.
Goethel, Alfred C., Co., The, Milwaukee, Wis. Skylights. 176,619; June 12.
Goetz-Berlin Co., Inc., New York, N. Y. Linings, pocketings, and interlinings in the piece. 175,485; Aug. 23.
Goetz-Berlin Co. Inc., New York, N. Y. Linings, pocketings, and interlinings of cotton fabrics. 175,486; Aug. 7.
Goetze, Frederick, New Brunswick, N. J. Gaskets and metallic packing. 186,551; Dec. 4.
Goff, S. B., & Sons Company, Camden, N. J. Candy. 172,939; May 22.
Goheen Corporation, The, Wilmington, Del., and Warren, Ohio. Paint for general use. 129,129; Mar. 27.
Goitrex Company, The. (See Ball, Maxwell E.)
Gold Buckle Association, East Highlands, Calif. Citrous fruits. 173,636–42; Sept. 11.
Gold Buckle Association, East Highlands, Calif. Citrous fruits. 173,643; Sept. 25.
Gold, Ida, Richmond, Va. Preparation for the treatment of rheumatism, etc. 181,886; Nov. 6.
Gold, Jacob N., doing business as Gol-Mar, Philadelphia, Pa. Automobile accessories. 164,431; July 17.
Gold Meadow Creamery, Cleveland, Ohio. Butter, eggs, milk, cream, and cheese. 167,298; May 8.
Gold Medal Water-Proofing Co., Oakland, Calif. Ready-mixed and paste paints. 168,605; Sept. 4.
Gold Medal Water-Proofing Co., Oakland, Calif. Waterproof enamel or solution. 168,606; Sept. 11.
Gold Medal Water-Proofing Co., assignor to Waterproofed Products Company, Oakland, Calif. Compound to be used in place of red-lead putty. 168,882; Oct. 23.
Gold Seal Co., Palisades Park, N. J. Repeating attachments for phonographs. 159,258; Jan. 9.
Gold Seal Co., Palisades Park, N. J. Phonograph needles. 171,992; Jan. 23.
Goldberg Brothers, Denver, Colo. Liquid-fuel camp stoves. 162,489; Feb. 27.
Goldberg, Eli F., doing business as Lewgold Imports, Syracuse, N. Y. Saws. 180,977; Aug. 21.
Goldberg, Fred., doing business as National Extract & Flavor Co., Hoboken, N. J. Hair tonic. 144,812; Sept. 18.
Goldberg, Max, & Co., Inc., New York, N. Y. Work shirts. 186,748; Dec. 11.
Goldberg, Samuel A., Chicago, Ill. Hosiery. 170,375; May 8.
Goldblum, Theodore, doing business as Stanley Drug Company, Philadelphia, Pa. Medicine for general debility, nervous prostration, etc. 177,736; July 31.
Golden Arrow Hosiery Mills. (See Crutcher, Edwin.)
Golden Grain Juice Co., Minneapolis, Minn. Dry compound for making a nonalcoholic, maltless beverage. 169,588; Jan. 9.
Golden Grain Milling Company, East St. Louis, Ill. Mixed horse and mule feed. 159,462; Jan. 30.
Golden Nugget Sweets, San Francisco, Calif. Fudge. 137,927; June 19.
Golden Pheasant, Inc., The, San Francisco, Calif. Candies. 178,385; June 12.
Golden Ray Manufacturing Co., Philadelphia, Pa. Hair tonics. 170,816; Feb. 13.
Golden, Robert, New York, N. Y. Spotlights and light projectors. 179,145; June 26.
Golden West Packing Co., Los Angeles, Calif. Canned fruits and vegetables. 168,679; Feb. 20.
Goldenberg's, Washington, D. C. Suitcases, trunks, traveling bags, etc. 170,638; Dec. 25.
Goldenberg's, Washington, D. C. Refrigerators, ice chests, nursery boxes, water coolers. 170,643; Feb. 20.
Goldenberg's, Washington, D. C. Earthenware, china, and porcelain plates, table and kitchen ware. 170,644; Dec. 25.
Goldenola Talking Machine Co., Los Angeles, Calif. Phonographs. 174,732; May 15.
Goldie Fruit Co. (See Weinstein, Goldie.)
Goldie Fruittine Co. (See Weinstein, Goldie.)
Goldin, Meyer, doing business as Continental Watch and Jewelry Co., Chicago, Ill. Watch movements and watchcases. 173,887; July 24.
Golding Fabrics Corporation, New York, N. Y. Piece goods made of silk. 170,276; Jan. 23.
Golding Fabrics Corporation, New York, N. Y. Piece goods made of silk. 170,277; Mar. 27.
Golding Fabrics Corporation, New York, N. Y. Piece goods made of silk. 170,278; Jan. 30.
Golding Fabrics Corporation, New York, N. Y. Silk piece goods. 170,376; Jan. 30.
Golding Fabrics Corporation, New York, N. Y. Silk piece goods. 170,647; Mar. 13.
Golding Fabrics Corporation, New York, N. Y. Fabrics made of silk. 180,859; July 17.
Golding Fabrics Corporation, New York, N. Y. Fabrics made of silk. 181,181; July 17.
Golding Fabrics Corporation, New York, N. Y. Piece goods made of silk. 181,182; Aug. 14.
Golding Fabrics Corporation, New York, N. Y. Fabrics made of silk. 181,193; July 17.
Golding Fabrics Corporation, New York, N. Y. Fabrics made of silk. 183,336; Aug. 28.
Goldman Costume Company, Inc., New York, N. Y. Ladies' dressing gowns. 155,342; Aug. 7.
Goldman, Harry, Chicago, Ill. Advertising devices. 169,014; May 29.
Goldman, Harry W., doing business as The Harry W. Goldman Co., Baltimore, Md. Middy blouses, ladies', children's, and misses' dresses, knickers, boys' suits, etc. 177,484; July 3.
Goldman, Louis M., doing business as Louis M. Goldman & Co., Chicago, Ill. Coffees, teas, and spices. 153,600; Apr. 3.
Goldman, Sigmund L., doing business as Red Sun Products Co., Chicago, Ill. Sirups for use in making nonalcoholic beverages. 171,635; Jan. 30.
Goldsmith, Henry N., Philadelphia, Pa. Paper towels, paper napkins, paper wrappers for delicatessen lunches. 182,750; Sept. 11.
Goldsmith-Lowenfels & Co., Inc., New York, N. Y. Towels and toweling textile in nature. 171,173; Jan. 16.
Goldsmith, Nathan, New York, N. Y. Fresh tomatoes. 179,664; Sept. 4.
Goldsmith, P., Sons Company, The, Cincinnati, Ohio. Foot balls, basket balls, baseballs, bats, gloves, etc. 169,478; Jan. 9.
Goldsmith, P., Sons Company, The, Cincinnati, Ohio Baseball, basket-ball, etc., shoes. 184,284; Nov. 27.

Alphabetical list of trade-mark applicants—Continued.

Goldsmith, Stern & Co., New York, N. Y. Baby pins, bar pins, bead neck chains, belt buckles, bib holders, etc. 171,418; Feb. 6.
Goldsmith, Stern & Co., New York, N. Y. Sewing thimbles. 174,387; Mar. 13.
Goldsmith, Walter A., Cleveland, Ohio. Bloomers. 151,987; May 1.
Goldsmith, Walter A., Co., The, Cleveland, Ohio. Bloomers. 181,116; Aug. 7.
Goldsmith's P., Sons, Cincinnati, Ohio. Bat bags, baseball caps, bathing caps, college caps, men's sport clothes, ladies' sport clothes, etc. 139,353; May 8.
Goldstein, Abraham S., doing business as The Anchor Company. Individually-packed crystals (galena) for radio sets. 179,466; Oct. 23.
Goldstein, Al., New York, N. Y. Dress, negligee, and work shirts. 166,682; Feb. 6.
Goldstein Brothers, Santa Cruz, Calif. Beverage sold as a soft drink. 167,387; Jan. 2.
Goldstein, Sam, doing business as Rex Cap Company, Chicago, Ill. Caps and soft hats. 166,449; Feb. 20.
Goldwasser, Benjamin, New York, N. Y. Ladies' wearing apparel. 178,501; Nov. 27.
Goldweb Hat Company, New York, N. Y. Ladies' hats. 176,541; May 22.
Goldsworthy, A. Raymond, Brockton, Mass. Hand cleaner. 181,828; Dec. 25.
Goldthorp, Henry, Company, Inc., Philadelphia, Pa. Upholstery and drapery fabrics. 170,063; Apr. 17.
Golf Progress Company. (See Miller, Arnold W.)
Golf Specialty Manufacturing Company, Baltimore, Md. Golf clubs. 163,753; Mar. 20.
Goll, Robert E., doing business as European Radio Company, New York, N. Y. Radio equipment. 174,388; Apr. 3.
Gol-Mar. (See Gold, Jacob N.)
Gomi, Tadashi D., New York, N. Y. Medicine for tuberculosis, pneumonia, and pleurisy. 173,131; Apr. 17.
Gong Bell Manufacturing Company, The, East Hampton, Conn. Toys. 165,190; Oct. 2.
Good-Grape Company, Chattanooga, Tenn. Carbonated grape drink. 162,168; Jan. 16.
Good-Grape Company, The, Chattanooga, Tenn. Beverages and compounds for making same. 178,720; Oct. 2.
Good, James, Inc., Philadelphia, Pa. Preparations for destroying weeds, sprays for plants, shrubs, and trees, bordeaux mixture, etc. 166,740; Mar. 20.
Goodale Dairy Co. (See Goodale, Robert W.)
Goodale Ice Cream Co. (See Goodale, Robert W.)
Goodale, Robert W., doing business as Goodale Dairy Co., Goodale Ice Cream Co., and Howdy Bottling Works, Centralia, Ill. Beverage made from milk, cocoa, sugar, malted milk, and flavor, and sold as a soft drink and a sirup for making same. 171,214; Feb. 6.
Goodall Worsted Co., Sanford, Me., and New York, N. Y. Men's and boys' coats, vests, pants, and knickerbockers. 162,546; Apr. 10.
Goodbar, Octavia W., doing business as Octavia Walton, Boston, Mass. Greeting cards, sheets, and folders. 166,595; Sept. 25.
Goodell-Pratt Company, Greenfield, Mass. Breast, bench, and hand drills. 176,620; June 26.
Goodell-Pratt Company, Greenfield, Mass. Bench vises. 176,737; May 29.
Goodell-Pratt Company, Greenfield, Mass. Valve grinders. 176,824; May 29.
Goodell-Pratt Company, Greenfield, Mass. Polishing and grinding heads. 176,825; May 29.
Goodell-Pratt Company, Greenfield, Mass. Miter boxes. 176,893; May 29.
Goodell-Pratt Company, Greenfield, Mass. Bench grinders. 177,082; May 29.
Goodlatte, T. R., & Sons, (Inc.), Clifton, N. J. Oilcloth. 175,193; Apr. 24.
Goodlatte, T. R., & Sons (Inc.), Delawanna, Clifton, N. J. Oilcloth. 183,145; Sept. 18.
Goodlett, R. F., Tupelo, Miss. Outdoor games. 184,338; Nov. 6.
Goodman, A., & Sons, Inc., New York, N. Y. Matzoths. 162,732; Sept. 4.
Goodman, A., & Sons, Inc., New York, N. Y. Alimentary paste products. 169,543; July 24.
Goodman, A., & Sons, Inc., New York, N. Y. Alimentary paste products. 169,544; Nov. 13.
Goodman, A., & Sons, Inc., New York, N. Y. Alimentary paste products. 169,545; Sept. 11.
Goodman American Ice Cream Company, Chicago, Ill. Ice cream. 169,710; Apr. 17.
Goodman, Samuel, Baltimore, Md. Suits. 173,416; June 26.
Goodrich, B. F., Company, The, New York, N. Y. Hose made of rubber reenforced with fabric. 168,884; Jan. 30.
Goodrich, B. F., Company, The, New York, N. Y. Pneumatic-tire casings made of rubber combined with fabric. 172,472; Apr. 3.
Goodrich, B. F., Company, The, New York, N. Y. Inner tubes. 175,720; June 5.
Goodrich Drug Company, Anoka, Minn. Liniment for external use for rheumatism, sore throat, colds, etc. 169,633; Feb. 13.
Goodson, J. F., & Company, doing business as J. F. G. Coffee Co., Morristown, Tenn. Coffee. 170,582; May 8.
Goodson, J. F., & Company, doing business as J. F. Goodson Coffee Company, Morristown, Tenn. Coffee. 172,330; May 22.
Goodwear Tire and Rubber Co. (See Berardi, John B.)
Goodwin, Harry L., doing business as The Coney-Cone Company, assignor to C. G. Rowan, Kansas City, Mo. Ice-cream cones. 165,258; July 3.
Goodwin, Harry L., doing business as Post-Golden Rule Fuel Co., Kansas City, Mo. Coal. 167,871; Jan. 9.
Goodwin, J. V., & Co. (See Van Goodwin, J.)
Goodyear Rubber Co., San Francisco, Calif. Rubber and oiled coats and jackets. 158,612; Jan. 30.
Goodyear Rubber Co., San Francisco, Calif. Rubber and oiled coats and jackets. 158,613; Feb. 20.
Goodyear Rubber Company, Middletown, Conn. Rubber boots and shoes and arctic overshoes. 176,337; July 10.
Goodyear Rubber Company, Middletown, Conn. Rubber boots and shoes and arctic overshoes. 176,338; Apr. 17.
Goodyear Tire & Rubber Company of California, Los Angeles, Calif. Elastic vehicle tires, auto tire flaps, reliners, strap-on boots. 144,811; Oct. 16.
Goodyear Tire & Rubber Company, The, Akron, Ohio. Hose composed of fabric and rubber. 111,518; Nov. 27.
Goodyear Tire & Rubber Company, The, Akron, Ohio. Tires comprised wholly or in part of rubber. 156,991; Feb. 6.
Goodyear Tire & Rubber Company, The, Akron, Ohio. House-organ publications. 157,566; May 8.
Goodyear Tire & Rubber Company, The, Akron, Ohio. Airships, balloons, kites, aviation and aeronautical accessories. 164,498; July 3.
Goodyear Tire & Rubber Company, The, Akron, Ohio. Automobiles and motor trucks, etc. 168,483; Oct. 16.
Goodyear Tire & Rubber Company, The, Akron, Ohio. Rubber or composition heels and soles for boots and shoes. 170,934; Jan. 23.
Goodyear Tire & Rubber Company, The, Akron, Ohio. Vehicle tires and tubes composed wholly or in part of rubber. 174,242; Nov. 27.
Goos-O-Rubb Co. (See Fingl, Anton W.)
Gordon Baking Co., Chicago, Ill. Bread. 177,666; Dec. 11.
Gordon, Cyrus P., New York, N. Y. Boys' shirts and blouses. 185,455–6; Dec. 4.
Gordon, Mac, doing business as Saigo Varnish Works, New York, N. Y. Varnish. 178,721; May 29.
Gordon, Maurice, Baltimore, Md. Mattresses, pillows, and box springs. 183,923; Dec. 11.
Gordon-Pagel Company, Detroit, Mich. Bread. 153,596; Feb. 6.
Gorelick S., & Sons, New York, N. Y. Handkerchiefs. 179,146; Dec. 25.
Gorham Chocolate Company, Inc., Brooklyn, N. Y. Candy. 163,269; Jan. 9.
Gorham Manufacturing Company, Providence, R. I. Desk sets, pens, lead pencils, envelopes, etc. 152,245; Aug. 14.
Gorham Manufacturing Company, Providence, R. I. Pipes, cigar and cigarette holders, cases, boxes, etc. 152,246; Sept. 25.
Gorham Manufacturing Company, Providence, R. I. Knives, forks, spoons, scissors, poultry shears, sharpening steels. 152,249; Oct. 30.
Gorham Manufacturing Company, Providence, R. I. Jewelry and powder-puff boxes, vanity cases, desk sets, etc. 152,250; Oct. 16.
Gorham Manufacturing Company, Providence, R. I. Crockery and porcelain. 152,251; Nov. 20.
Gorton-Pew Fisheries Company, Gloucester, Mass. Potatoes and salt fish combined for fish cakes. 177,909; July 24.
Gorton-Pew Fisheries Company, Gloucester, Mass. Salt codfish. 177,910; July 24.
Goshen Churn & Ladder Company, The, Goshen, Ind. Ladders and step stools. 171,314; Aug. 7.
Goshen Churn & Ladder Company, The, Goshen, Ind. Ladders. 171,315; July 24.
Goshen Manufacturing Co., The, Goshen, Ind. Ladders. 170,245; Feb. 20.
Gosney, Cyrus W., Oakland, Calif. Pies, cakes, bread, and pastries. 169,757; May 8.
Gotham Aseptic Laboratories. (See Radetzky, Abraham.)
Gotham Comb Co., Inc., New York, N. Y. Dressing, barber, and pocket combs. 178,838; Aug. 7.
Gotham Corporation, The, New York, N. Y. Laxatives and corrective preparations. 173,928; Apr. 17.
Gotham Corporation, The, New York, N. Y. Preparation for the treatment of constipation and its symptoms. 177,040; July 10.
Gotham Corporation, The, New York, N. Y. Preparation for the prevention and treatment of obesity. 181,887; Sept. 25.
Gotham Knitting Mills, New York, N. Y. Knitted sweaters. 170,064; Mar. 20.
Gotham Knitting Mills, New York, N. Y. Sweaters, scarfs, knitted suits and dresses, etc. 173,233; May 22.
Gottlieb, Joseph, doing business as Acorn Watch Case Co., New York, N. Y. Watches and watchcases. 154,269; Mar. 27.

Gottlieb, Joseph, New York, N. Y. Watches, watch movements, and parts thereof. 179,665; July 24.
Gottmann, Theodore & Sons, doing business as "Gottmann's," Chicago, Ill. Chocolate candy bar. 170,015; May 8.
Goudey Gum Company, The, Boston, Mass. Chewing gum. 156,001; June 5.
Goughnour & Shields, Des Moines, Iowa. Tooth paste. 184,909; Dec. 18.
Gould, F. L., doing business as Alaskan Fur Company, Houston, Tex. Fur garments. 162,401; Feb. 20.
Gould, Geo. H., & Son, Louisville, Ky. Perfume suitable for driving off mosquitoes or similar insects. 185,457; Dec. 11.
Govett, Ernest, Long Island City, N. Y. Insecticides. 183,521; Nov. 13.
Grace Chocolate Company, Baltimore, Md. Candy. 169,207; Mar. 6.
Grace, W. R., & Co., New York, N. Y., and San Francisco, Calif. Textile fabrics consisting of cotton, woolen, and silk piece goods. 171,269; Feb. 6.
Grace, W. R., & Co., New York, N. Y., and San Francisco, Calif. Hosiery and men's knitted and textile underwear. 171,270; June 26.
Grace, W. R., & Co., New York, N. Y., and San Francisco, Calif. Textile fabrics consisting of cotton piece goods. 173,927; Mar. 27.
Grace, W. R., & Co., New York, N. Y., and San Francisco, Calif. Textile fabrics consisting of cotton piece goods. 174,898; Apr. 3.
Gracenet Co., Inc., The, New York, N. Y. Hair nets. 176,404; May 8.
Gracenet Company, Inc., The, New York, N. Y. Hair nets. 179,147; Nov. 20.
Gradisar, Frank, Ely, Minn. Palliative for rheumatism, itchings, skin diseases, etc. 170,134; Feb. 20.
Grady, M. J., Company Incorporated, The, New York, N. Y. Twine and rope or cordage made from flax or linen. 172,220; Feb. 13.
Grady, M. J., Company Incorporated, The, New York, N. Y. Threads and yarns. 173,078; Feb. 13.
Grady Mfg. Co., Long Island City, N. Y. Metal cleaner and polish. 170,583; Jan. 2.
Grady Mfg. Co., The, Long Island City, N. Y. Polish for brass, copper, bronze, nickel, tin, etc. 175,353; June 12.
Graf, Paul L., New York, N. Y. Hair nets. 187,159; Dec. 25.
Graf, William, doing business as Southwark Beverage & Products Co., Philadelphia, Pa. Malt sirups for beverage purposes. 181,443; Oct. 2.
Graffin & Dolson, New York, N. Y. Cretonnes in the piece. 176,462; June 5.
Graham, Albert L., doing business as The Piromir Co., Hastings, Nebr. Tooth paste. 183,448; Dec. 4.
Graham Bros. Soap Company, Chicago, Ill. Shampoo. 174,573–4; May 22.
Graham Bros. Soap Company, Chicago, Ill. Soap. 185,016; Dec. 4.
Graham Brothers, Evansville, Ind. Motor trucks and automobiles. 172,272; May 1.
Graham, Edward A., doing business as Alfred Graham & Co., London, England. Telephonic receivers. 146,021; June 5.
Graham, Edward A., doing business as Alfred Graham & Co., London, England. Talking machine and parts thereof. 176,964; June 19.
Graham Mill & Elevator Co., Graham, Tex. Wheat flour. 159,311; Mar. 27.
Graham, Robt. J., Cashmere, Wash. Fresh boxed apples. 171,536; July 17.
Graham, Rowe & Company, Inc., New York, N. Y. Salt cake. 182,375; Oct. 16.
Graham, William, New York, N. Y. Leather. 171,693; Apr. 10.
Graham, William A., doing business as Parkstone Laboratory, Chicago, Ill. Bilary antiseptic. 175,862; June 26.
Graigen, Rudolph F., New York, N. Y. Bathing caps. 164,757; May 1.
Grain Belt Mills Company, South St. Joseph, Mo. Horse, dairy, hen, and chick feed, egg mash, etc. 172,154; May 1.
Grain Export Co. (See Garza, Pablo G.)
Grainola Mfg. Co. (See Shroyer, Jacob L.)
Gramana Dairy Co. (See Richards, Anna M.)
Grand Forks Bottling Works, The, Grand Forks, N. Dak. Ginger ale, cream soda, root beer, and other soft drinks. 176,266; May 22.
Grand Lake & Gulf Shrimp Company, Westwego, La. Canned shrimp. 156,740; Aug. 14.
Grand Lake & Gulf Shrimp Company, Westwego, La. Canned shrimp. 182,512–13; Sept. 11.
Grand Union Tea Co., Brooklyn, N. Y. Soap creams. 184,497; Dec. 11.
Grande Maison de Blanc, Inc., New York, N. Y. Brassières, corsets, camisoles, chemises, nightgowns, etc. 175,141; Aug. 28.
Grande Maison De Blanc, Inc., New York, N. Y. Handkerchiefs, lace trimmings, ribbons, etc. 175,142; June 5.
Granger Mineral Co., Camas, Wash. Medicinal preparation for internal use in the treatment of chronic disorders of the stomach, kidneys, liver, etc. 175,014; June 19.
Grangers Manufacturing Co., Boston, Mass. Whiting for use in paint, linoleum, and rubber trades. 182,242–3; Oct. 30.
Granite Cordage Company, Granite Falls and Hickory, N. C. Cords, twines, ropes, and lines of fiber material. 170,682; Feb. 13.
Granite Cordage Company, Granite Falls and Hickory, N. C. Cords, twines, ropes, and lines. 179,196; Sept. 4.
Granite Cordage Company, Granite Falls and Hickory, N. C. Cords, twines, ropes, and lines. 185,578; Oct. 16.
Granite State Spring Water Co., Atkinson Depot, N. H. Beverage sold as an orange drink and sirup for making the same. 182,302; Oct. 30.
Granitface Company Inc., Brooklyn, N. Y. Stucco. 170,281–2; Oct. 23.
Grant, C. W., Co. (See Grant, Charles W.)
Grant, Charles W., doing business as C. W. Grant Co., Seattle, Wash. Paint and varnish remover. 175,487; Apr. 3.
Grant Motor Car Corporation, Cleveland, Ohio. Motor cars. 132,337; Feb. 27.
Grant, W. T., Company, New York, N. Y. Candy. 170,881; Aug. 14.
Grant, W. T., Company, Lynn, Mass., and New York, N. Y. Children's semimade garments. 171,911; Aug. 28.
Grant, W. T., Company, Lynn, Mass. Paintbrushes. 173,326; May 1.
Grant, W. T., Company, Lynn, Mass., and New York, N. Y. Electric hair-curling irons. 175,656; June 12.
Grant, W. T., Company, Lynn, Mass., and New York, N. Y. Furniture polish. 176,405; Apr. 24.
Grant, W. T., Company, Lynn, Mass., and New York, N. Y. Men's shirts. 180,472; Sept. 11.
Grant, W. T., Company, New York, N. Y. Safety pins. 181,829; Oct. 2.
Grant, W. T., Company, New York, N. Y. Safety pins. 181,830–1; Oct. 16.
Grant Watkins Co., Inc., Boston, Mass. Cleansing and finishing cream, toilet waters, perfumes, sachet powder, etc. 173,483; May 15.
Grant, Wm., & Sons, Ltd., Dufftown, Scotland. Scotch whisky. 177,221–2; Oct. 2.
Graphoto Company, Boston, Mass. Coated glass plates for etching, drawing, and hand negatives. 163,387; July 24.
Grasselli Chemical Company, The, Cleveland, Ohio. Dyes and dyestuffs. 154,506; Nov. 27.
Grasselli Chemical Company, The, Cleveland, Ohio. Dyes and dyestuffs. 157,922; June 12.
Grasselli Chemical Company, The, Cleveland, Ohio. Zinc oxide. 163,975–6; Nov. 13.
Grasselli Chemical Company, The, Cleveland, Ohio. Dyes and dyestuffs. 172,986; Apr. 3.
Grasselli Chemical Company, The, Cleveland, Ohio. Dyes and dyestuffs. 172,987; Mar. 6.
Grasselli Chemical Company, The, Cleveland, Ohio. Zinc oxide. 186,226; Nov. 13.
Grasselli Chemical Company, The, Cleveland, Ohio. Zinc oxide. 186,228; Nov. 20.
Grassini, Frank L., doing business as Globe Beverage Co., Chicago, Ill. Nonalcoholic maltless beverage sold as a soft drink. 178,178; July 31.
Grassmuck, H. O., Co., Los Angeles, Calif. Hosiery, underwear. 180,760; Oct. 2.
Grauert, Ralph W., doing business as R. W. Grauert Co., New York, N. Y. Bronze, aluminum, black, white, and color stamping leaf for use on hot press. 176,340; Oct. 9.
Grauert, Ralph W., New York, N. Y. Gold and bronze leaf. 181,391; Oct. 2.
Graves Bros., Petersburg, Va. Greaseless cold cream and hair dressing. 179,198; Nov. 20.
Graves, Frank B., Co., Albany, N. Y. Absorbent cotton. 179,367; Oct. 23.
Graves, N. Z., Incorporated, Philadelphia, Pa. Varnishes, paints, both ready mixed and paste, japans. 169,548; Jan. 9.
Gray, Ada B., Kansas City, Mo. Creams, complexion bags, and hand lotion. 187,621; Dec. 25.
Gray, Arbaces B., doing business as A. B. Gray Company, Sullivan, Ind. Prepared mustard, vinegar, tomato catchup, coffee, etc. 177,485; July 17.
Gray & Bretey Co., New York, N. Y. Luminous paint. 179,199; Sept. 4.
Gray, Jane, Company, Inc., The, New York, N. Y. Dolls. 171,455; Jan. 2.
Gray, P. N., & Company, Inc., New York, N. Y. Wheat flour. 174,735; Sept. 18.
Gray Tractor Co., Inc., The, Minneapolis, Minn. Tractors and road-grading machines. 185,120; Dec. 4.
Gray Wood Heel Co., Lynn, Mass. Wood heels. 175,143; May 22.
Grayland Cranberry Growers, Grayland, Wash. Fresh cranberries. 171,316; Sept. 25.
Greanias, Tom G., Decatur, Ill. Cigars. 158,307.
Greasalt Products Corporation, New York, N. Y. Soaps and industrial cleaning compounds. 176,826; Oct. 2.

Alphabetical list of trade-mark applicants—Continued.

Great Atlantic and Pacific Tea Company, Jersey City, N. J. Shelled nuts in their natural state. 169,744; Mar. 27.
Great Atlantic and Pacific Tea Company, The, Jersey City, N. J. Chocolates. 173,417; Apr. 24.
Great Atlantic and Pacific Tea Company, The, Jersey City, N. J. Butter. 174,776; June 5.
Great Atlantic and Pacific Tea Company, The, Jersey City, N. J. Cottonseed oil for frying, cooking, etc. 176,106; July 24.
Great Falls Manufacturing Company, Somersworth, N. H. Cotton piece goods. 157,367; Apr. 3.
Great Northern Fur Dyeing and Dressing Company. (See Pierini, Attilio.)
Great Notch Paper Company, Inc., New York, N. Y. Wrapping paper. 178,502; June 5.
Great Southern Refining Company, Lexington, Ky. Lubricating oils and greases. 176,078; Sept. 18.
Great States Corporation, Richmond, Ind. Water circulator for cooling systems for gasoline engines for autos. 186,052; Dec. 25.
Great States Corporation, Richmond, Ind. Water circulator for cooling systems for gasoline engines for autos. 186,504; Dec. 25.
Great Western Manufacturing Company, Laporte, Ind. Bicycles. 115,583; Dec. 25.
Great Western Oil Company, The, Cleveland, Ohio. Motor oil. 159,699; Jan. 2.
Greater Manhattan Knitting Mills, Inc., New York, N. Y. Boys' and men's sweaters. 162,545; Sept. 4.
Greater N. Y. Hat & Cap Works, New York, N. Y. Men's and boys' hats. 166,229; Jan. 9.
Grebe, A. H., & Co., Inc., Richmond Hill, N. Y. Radio receiving apparatus of the so-called cabinet type. 165,375; Nov. 20.
Greco, Felix V., doing business as The Hairvita Hair Tonic Co., Philadelphia, Pa. Liquid hair tonic. 182,051; Sept. 25.
Green, A. P., Fire Brick Co., Mexico, Mo. Fire brick, fire-brick cement, fire clay, and tile. 173,486–9; May 1.
Green, Ada, St. Louis, Mo. Pile remedy. 172,039; Dec. 11.
Green, Charles L., New Orleans, La. Hair grower and dandruff preparation. 181,023; Aug. 28.
Green, Chas., Company, Inc., New York, N. Y. Paper covers. 186,472; Dec. 4.
Green, Curtis L., doing business as C. L. Green Milling and Grain Co., Winters, Tex. Wheat flour and corn meal. 185,336; Dec. 25.
Green, George R., doing business as Bonny Sun Hat Co., Toledo, Ohio. Sun hats for women and children. 181,525; Nov. 13.
Green & Green Company, The, Dayton and Cincinnati, Ohio. Crackers and cakes and cracker meal. 158,772; May 15.
Green, William T., doing business as Vernoy Chemical Company, Summit, N. J. Preparation for the treatment of acidity, indigestion, etc. 168,216; Feb. 20.
Greenan, Michael, Pawtucket, R. I. Light supports. 161,879; Jan. 30.
Greenberg-Kantor Company, Kansas City, Mo. Cotton pants, khaki pants, work shirts, and overalls. 168,033; Jan. 30.
Greenberg, Nathan N., Philadelphia, Pa. Suits and coats for boys, dresses, rompers and creepers for children. 165,789; Jan. 9.
Greendale Dairy, North Adams, Mich. Creamery butter. 153,974. Nov. 6.
Greene, C. H., Kansas City, Kans. Liniment. 175,488; Nov. 20.
Greene, Jesse N., doing business as J. N. Greene Co., Norfolk, Va. Stimulating tonic for kidney and bladder derangements. 179,467; Sept. 11.
Greene, Tweed & Co., New York, N. Y., and Newark, N. J. Door knockers, door numbers, flaps, hinges, etc. 182,514; Oct. 30.
Greene, Tweed & Co., New York, N. Y. Wrenches and parts thereof. 184,400; Oct. 30.
Greene, Tweed & Co., New York, N. Y., and Newark, N. J. Refrigerator latches and levers, ice-house levers, barrel bolts, etc. 185,868; Nov. 13.
Greene, William C., Company, Providence, R. I. Pins, buckles, clasps, buttons, watch chains, neck chains, etc. 172,331; Apr. 3.
Greene, William C., Company, Providence, R. I. Finger rings. 172,943; Mar. 13.
Greenebaum, Weil & Michels, San Francisco, Calif. Hosiery. 169,590; May 8.
Greenebaum, Weil & Michels, San Francisco, Calif. Bed and crib blankets. 185,917; Dec. 11.
Greenfield, George L., Portland, Oreg. Shoes, boots, slippers. 153,349; Mar. 6.
Greenfield's, E., Sons, New York and Brooklyn, N. Y. Chocolates and candies. 170,377; Apr. 3.
Greenfield's, E., Sons, New York and Brooklyn, N. Y. Chocolates and candies. 170,378; Mar. 13.
Greenfield's, E., Sons, New York and Brooklyn, N. Y. Chocolates and candies. 170,380–1; Apr. 24.
Greenfield's, E., Sons, New York and Brooklyn, N. Y. Chocolate candies. 170,382; Mar. 13.
Greenfield's, E., Sons, New York and Brooklyn, N. Y. Chocolates and candies. 170,383–4; Apr. 10.
Greenfield's, E., Sons, New York, and Brooklyn, N. Y. Chocolates and candies. 170,385; May 15.
Greenfield's, E., Sons, New York and Brooklyn, N. Y. Chocolates and candies. 170,386; Mar. 13.
Greenfield's, E., Sons, New York and Brooklyn, N. Y. Chocolates and candies. 179,790; Sept. 4.
Greenpoint Bird Store. (See Lipkin, Samuel L.)
Greenup Broom Co., Inc. Greenup, Ill. Brooms. 173,418; Feb. 27.
Greenwald Brothers Incorporated, Philadelphia, Pa. Hosiery. 157,032; June 26.
Greenwald, Friedman & Co., Inc., New York, N. Y. Tailor-made dresses. 177,184; June 19.
Greenwald Packing Company, Baltimore, Md. Hams, bacon, lard, and sausage. 157,150; Mar. 6.
Greever, William, doing business as Wundamova Company, Knoxville, Tenn. Cleansing preparation. 185,579; Nov. 20.
Greig, John, London, England. Apparatus for playing a game of chance. 176,022; May 8.
Greilich, William, & Sons, Inc., Brooklyn, N. C. Infants' suits. 178,098; Nov. 27.
Greist Manufacturing Co., New Haven, Conn. Portable electric lamps. 180,978; Nov. 20.
Greist Mfg. Company, The, New Haven, Conn. Manual holder for razor blades. 152,748; Mar. 6.
Grelck, William P. M., St. Paul, Minn. Bread. 162,815; Nov. 20.
Grennan Cake Corporation, Chicago, Ill. Cakes, cookies, and fried cakes. 153,179; May 22.
Grennan Cake Corporation, Detroit, Mich. Casters. 181,593; Aug. 14.
Grenoville, Marie M. Richard Vve., doing business as Parfumerie Grenoville, Asnieres, France. Liquid adhesive toilet powder. 180,370; Sept. 18.
Grey, Frank S., Sacramento, Calif. Pills for the relief of liver complaint, constipation, etc. 180,537; Aug. 28.
Griebnow, Frederick W., doing business as El Rey Club Tamale & Enchilada Corporation, San Francisco, Calif. Fresh and canned tamales and enchiladas. 162,403; Oct. 23.
Gries, Joseph M., Battle Mountain, Nev. Ice cream. 174,832; June 19.
Griffin, Robert, Company, The, Jersey City, N. J. Wall paper. 161,250; May 1.
Griffin, William R., West Norwood, N. J. Moth-preventive compound. 167,720; July 17.
Griffing Manufacturing Co., The, Norwalk, Conn. Braids, tinsel braids, cord edge, tubular, soutache, etc., braids. 177,776; July 31.
Griffith-Durney Co., San Francisco, Calif. Canned fruits and vegetables. 170,016; May 8.
Griffiths, David R., doing business as Donaldson & Co., Glasgow, Scotland. Golf clubs, balls, bags, irons, and tees. 175,390; May 29.
Grigsby-Grunow-Hinds Co., Chicago, Ill. Reels of electric connecting conductors. 162,991; Sept. 4.
Grigsby-Grunow-Hinds Co., Chicago, Ill. Windshield visors for automobiles. 167,390–1; Aug. 14.
Grigsby, Marion W., Columbus, Ohio. Radiator caps. 168,526; Mar. 13.
Grimes, David, doing business as Grimes Radio Engr. Co., New York, N. Y. Radio receiving outfits. 174,657; Apr. 24.
Grin Co., Inc., The, Los Angeles, Calif. Automobile top dressing, leather dressing, soaps, neat's-foot oil. 184,851; Oct. 30.
Grinberg, Abraham, doing business as The Chesterfield Tire and Rubber Co. (Not Incorporated), Chicago, Ill. Solid and pneumatic rubber tires and tires composed of rubber fabrics. 179,468; Nov. 27.
Grindle Fuel Equipment Company, Harvey, Ill. Apparatus for preparing, conveying, and burning comminuted fuel. 175,551; June 5.
Grip Bow Tie Company, Omaha, Nebr. Neckties. 173,353; June 19.
Gripx Manufacturing Co., Waunakee, Wis. Door-knob fasteners. 173,079; Aug. 28.
Griscom-Russell Company, The, New York, N. Y. Water heaters, fuel-oil heaters, evaporator water heaters. 178,099; Oct. 30.
Griscom-Russell Company, The, New York, N. Y. Condensers, heat exchangers, coolers, and dephlegmators. 178,100; Nov. 20.
Griswold Manufacturing Company, The, Erie, Pa. Teakettle. 172,155; Mar. 6.
Griswold Manufacturing Company, The, Erie, Pa. Dutch ovens. 172,156; Apr. 17.
Griswoldville M'f'g Co., New York, N. Y. Unmedicated gauze. 175,310; May 8.
Grobel, Ewald, Philadelphia, Pa. Hosiery. 172,876; Aug. 7.
Grocers' Baking Company, Louisville, Ky. Bread. 169,549; Sept. 18.
Grocers Specialty Co., Los Angeles, Calif. Fruit jellies, vinegar, fruit jams, honey, etc. 181,275; Nov. 13.
Groceteria Stores Co. of California, Inc., Los Angeles, Calif. Bread, coffee, dried peaches, butter, sugar, etc. 168,966; Mar. 27.
Groeniger Manufacturing Company, The, Columbus, Ohio. Plumbers' ware. 177,486; Sept. 18.
Gropper Knitting Mills, Inc., New York, N. Y. Dress goods and all knit fabrics. 169,807; Aug. 7.

Grosberg Joseph E., doing business as Grosberg Packing Co., Schenectady, N. Y. Canned fruits and vegetables and spices. 170,683; Mar. 27.
Grosberg Packing Co. (See Grosberg, Joseph E.)
Grosner, Gerald D., doing business as Grosner's, Washington, D. C. Men's dress and negligee shirts, nightshirts, and pyjamas. 173,419; June 19.
Grosner, Milich Company, Inc., New York, N. Y. Men's shirts, collars, cravats, pyjamas, etc. 180,700; Nov. 27.
Gross, Fred H., Wilkes-Barre, Pa. Shaving cream in the form of a soap paste used before shaving. 169,167; Feb. 13.
Gross, L. N., Company, The, Cleveland, Ohio. Women's bloomers. 169,240; Apr. 3.
Gross, Wm. H., Chemical Company, San Antonio, Tex. Chemicals, medicines, and pharmaceutical preparations. 169,295; Apr. 10.
Grosse, Friedrich, doing business as Colisan Co., New York, N. Y. Medicinal preparations for the treatment of intestinal auto-intoxication, etc. 182,206; Nov. 13.
Grosser, Walter C., doing business as Grosser Mfg. Co., Cleveland, Ohio. Faucets, cocks, etc. 172,592; July 10.
Grossman Bros. & Rea, Inc., Seattle, Wash. Fresh apples. 187,310; Dec. 25.
Grossman, Elenore, New York, N. Y. Sport clothes for women. 160,936; Jan. 9.
Grossman, Jacob, doing business as Giant Umbrella Co., New York, N. Y. Umbrellas and parasols. 176,341; Sept. 11.
Grossman, Jacob, doing business as Giant Umbrella Co., New York, N. Y. Umbrellas and parasols. 176,342; July 10.
Grossman, Joseph, doing business as Kasdum Flour Company, Steubenville, Ohio. Winter-wheat flour. 159,356; Feb. 6.
Grossman, Julius, Inc., Brooklyn, N. Y. Women's shoes, high and low models. 173,490; May 22.
Grossman, L. E., Inc., New York, N. Y. Shoes. 171,637; May 8.
Grossman Shoe Co., The, Chicago, Ill. Leather boots, shoes, oxfords, and low quarters. 176,267; May 22.
Grossmith, J., & Son, Limited, London, England. Lavender water. 170,976; Mar. 20.
Grossmith, J., & Son, Limited, London, England. Toilet soap. 170,977; May 15.
Grossmith, J., & Son, Limited, London, England. Perfumed soap. 170,978; Mar. 20.
Grossmith, J., & Son, Limited, London, England. Perfume and face powder. 170,979; Mar. 20.
Grout, Harry K., doing business as H. K. Grout & Co., Cedar Rapids, Iowa. Underwear for women and children. 184,725; Dec. 18.
Grouten, Leo A., Unionville, Conn. Eggs. 179,865; Dec. 25.
Grove Park Inn, Inc., doing business as Biltmore Industries, Asheville, N. C. Woolen homespun textile fabrics in the piece. 172,988; June 5.
Growers Distilling Co., Woodbine, Md. Chenopodium oil. 174,519; May 22.
Growers Service Co., Yucaipa, Calif. Fresh apples. 171,840; Sept. 11.
Gruber Yarn Corporation, New York, N. Y. Threads and yarns. 181,744; Sept. 25.
Gruendler Patent Crusher & Pulverizer Co., St. Louis, Mo. Crushers, shredders, breakers, pulverizers, and grinders. 165,372; Jan. 23.
Gruenhagen's San Francisco, Calif. Chocolate fruit bar. 168,766; Apr. 3.
Grüneberg, Carl, Bürsten-Fabric Bratislava, Bratislava, Czechoslovakia. Toothbrushes. 178,664; May 22.
Gsell, R., & Co., Inc., New York, N. Y. Watches, watch-cases, watch movements, etc. 181,274; Dec. 11.
Guarantie Company, The. (See Kahil, Abraham A.)
Guardian Gas Appliance Company, The, Cleveland, Ohio. Stoves, gas fire-place heaters, and incinerators. 184,852; Nov. 27.
Gude Brothers, Kieffer Company, New York, N. Y. Eggs. 174,440; July 10.
Gude Brothers, Kieffer Company, New York, N. Y. Butter. 174,441; Oct. 16.
Gude Brothers, Kieffer Company, New York, N. Y. Butter and eggs. 174,442; July 10.
Gude Brothers, Kieffer Company, New York, N. Y. Eggs. 174,443–4; July 10.
Gudebrod Bros. Silk Co., New York, N. Y. Spool silk. 175,785; June 26.
Gudebrod Bros. Silk Co., New York, N. Y. Silk threads and yarns. 179,721; Dec. 11.
Guerra, M. G., Co. Inc., New York, N. Y. Table and bed linen, handkerchiefs, towels, curtains, etc. 175,786; Apr. 3.
Guerre, Louis F., doing business as Louis F. Guerre & Co., New Orleans, La. Roofing cement. 170,136; Jan. 9.
Guerre, Louis F., & Co. (See Guerre, Louis F.)
Guest, Keen & Nettlefords Limited, Smethwick, England. Screws, nuts, band, fasteners, bolts, nails, etc. 166,683; June 26.
Guest Neckwear Co., Inc., Rochester, N. Y. Neckties. 159,461; Aug. 14.
Guidici, Luigi, Greensburg, Pa. Cigarette papers prepared ready for use. 180,474; July 31.
Guild Products Corporation, Philadelphia, Pa. Card, T, and bank pins. 165,543; Mar. 13.
Guild Products Corporation, Philadelphia, Pa. Ink eradicator. 165,544; Mar. 13.
Guild Products Corporation, Philadelphia, Pa. Writing ink and fluid in various colors. 165,545; Mar. 6.
Guinea Products Co. (See Judson, L. J.)
Guiterman Bros., St. Paul, Minn. Clothing for sport, work, and other wear. 173,354; Oct. 2.
Gulf States Steel Company, Birmingham, Ala. Barbed wire. 177,777–9; May 15.
Gumbin Brothers. (See Boone, Daniel, Woolen Mills, Inc.)
Gummed Products Company, The, Troy, Ohio. Dress forms. 182,537; Nov. 27.
Gump, B. F., Co., Chicago, Ill. Milling machinery, bolting reels, feed screens, etc. 124,986; Apr. 17.
Gunckel, Will H., Toledo, Ohio. Beverage sold as a soft drink. 159,700; May 1.
Gund, George, doing business as Hygienic Coffee Company, Cleveland, Ohio. Coffee. 172,529; Apr. 17.
Gunn Furniture Company, The, Grand Rapids, Mich. Counters, cafeteria tables, office tables, dressers, etc. 175,552; Oct. 2.
Gunter, Daniel J., doing business as The Dan-Nax Co., Atlanta, Ga. Liver regulator and tonic. 177,297; Aug. 14.
Gurinian Candy Co., Chicago, Ill. Candy. 161,248; Feb. 13.
Gurley Candy Company, Minneapolis, Minn. Candy. 163,267; May 15.
Gurley Candy Company, Minneapolis, Minn. Candy—namely, bar goods. 163,268; Feb. 13.
Gussow, Abraham, doing business as A. Gussow & Co., New York, N. Y. Women's cotton undergarments. 180,928–9; Aug. 14.
Guthman, Solomons & Co., Inc., New York, N. Y. Beads. 183,379; Oct. 30.
Gutman Bros., New York, N. Y. Women's muslin underwear. 175,489; Aug. 28.
Gutman, F. V., Corp., New York, N. Y. Hosiery. 179,531; Aug. 14.
Gypsy Dyes, Inc., Chicago, Ill. Dyes. 181,486; Sept. 18.
H. A. D. Sales & Engineering Co., Not Incorporated. (See Douglas, Harry A.)
H. & A. Manufacturing Company, The, Cleveland, Ohio. Eyeshades or visors. 182,052; Sept. 25.
H. A. S. Coffee Company. (See Schnittker, Henry A.)
H. E. M. Mfg. Co., The, Hamilton, Ohio. Toy coasters. 176,023; Apr. 24.
H. & H. Products Company. (See Horner, Mary B.)
H. K. H. Silk Company, The, Watertown, Conn., and New York, N. Y. Silk and cotton threads twists, and artificial embroidery flosses. 164,540–1; Jan. 9.
H. K. H. Silk Co., The, Watertown, Conn., and New York, N. Y. Fabrics of silk, artificial silk, cotton, and combinations of same. 172,474; Feb. 13.
H. K. H. Silk Co., The, Watertown, Conn. Pure and artificial silk threads. 173,600; Oct. 30.
H. K. H. Silk Co., The, Watertown, Conn. Pure and artificial silk threads. 173,766; Mar. 6.
H. K. H. Silk Co., The, Watertown, Conn. Pure and artificial silk threads. 173,828; Apr. 17.
H. K. H. Silk Co., The, Watertown, Conn. Sewing silk. 181,594; Aug. 14.
H. L. Distillator & Son, New York, N. Y. Ladies' hats. 177,727; July 31.
H. L. Distillator & Son, New York, N. Y. Ladies' hats. 179,785; Aug. 14.
H-M Manufacturing Co., Kent, Ohio. Supplemental waterproof fiber cushioning soles for boots and shoes. 177,605; Aug. 28.
H-O Cereal Company, Inc., The, Buffalo, N. Y. Flour made from wheat, corn, rice, etc., and breakfast cereals. 155,560; Mar. 20.
H-O Cereal Company Inc., The, Buffalo, N. Y. Bird and poultry feeds. 164,643; Jan. 30.
H-O Cereal Company, Inc., The, Buffalo, N. Y. Poultry feeds. 168,968; Mar. 20.
H. S. B. W.-Cochrane Corporation, Philadelphia, Pa. Zeolites and base-exchange water-softening agents. 173,888; Apr. 17.
H. & S. Products Co., Millville, N. J. Waterproof and antiseptic preparation for the treatment of cuts, cracks, and abrasions of the skin. 177,487; July 10.
"H. W." Company, The, St. Louis, Mo. Medicinal remedy for the treatment and prevention of cholera, etc., in poultry and pigeons. 184,447; Dec. 18.
Haack & Company, Newark, N. J., and Brooklyn, N. Y. Hides, furs. 156,901; Feb. 20.
Haas Baruch & Co., Los Angeles, Calif. Tapioca. 171,317; Apr. 24.
Haas, Baruch & Co., Los Angeles, Calif. Coffee. 176,623; Aug. 14.
Haas, Baruch & Co., Los Angeles, Calif. Table salt. 181,745; Sept. 18.
Haas Brothers, San Francisco, Calif. Canned fruits and vegetables. 174,694; May 8.
Haas Brothers Fabrics Corporation, New York, N. Y. Silk, artificial silk, cotton, linen, and woolen piece goods. 174,006; Mar. 6.
Haas Brothers Fabrics Corporation, New York, N. Y. Piece goods made of silk. 177,844–5; May 15.
Haas Brothers Fabrics Corporation, New York, N. Y. Silk, artificial-silk, cotton, linen, linen and woolen piece goods. 182,343; Sept. 18.

Alphabetical list of trade-mark applicants—Continued.

Haas Brothers Fabrics Corporation, New York, N. Y. Silk, artificial-silk, cotton, linen, and woolen piece goods. 182,344; Aug. 28.
Haas Brothers Fabrics Corporation, New York, N. Y. Silk, cotton, linen, and woolen piece goods. 183,738; Sept. 18.
Haas Brothers Fabrics Corporation, New York, N. Y. Silk, cotton, linen, and woolen piece goods. 183,740; Sept. 18.
Haas Brothers Fabrics Corporation, New York, N. Y. Silk, cotton, etc., piece goods. 183,741–2; Sept. 18.
Haas Brothers Fabrics Corporation, New York, N. Y. Silk, artificial-silk, cotton, linen, and woolen piece goods. 183,924; Dec. 4.
Hadfield, John W., Co., Philadelphia, Pa. Hosiery. 179,791; Oct. 9.
Hadfields Limited, Sheffield, England. Steel in rod, bar, rail, sheet, etc. 175,553; May 8.
Haeseler, Charles H., doing business as Alert Manufacturing Company, Philadelphia, Pa. Condiment containers. 172,834; July 3.
Haffenreffer & Co. (See New England Brewing Co.)
Haft, Morris W., & Bros. Inc., New York, N. Y. Ladies' outer garments. 183,064; Oct. 2.
Hagemann Glass Co., The, Cincinnati, Ohio. Mirror and plate glass for mirrors and art purposes. 167,872; Feb. 20.
Hager, Clark & Co., New York, N. Y. Woolen piece goods. 174,007; Apr. 3.
Hagerstown Dairy Company, Hagerstown, Md. Fresh milk and cream. 180,598; Nov. 6.
Hagerstown Table Works. (See Miller, Francis H.)
Hagler, Norman M., doing business as Hagler-Allen Mfg. Company, Duquoin, Ill. Insecticide powders. 181,394; Oct. 9.
Haiku Fruit & Packing Co., Haiku, Maui, Hawaii. Canned pineapple. 169,241; Feb. 27.
Haiku Fruit & Packing Co., Haiku, Maui, Hawaii. Canned pineapple. 169,242; Mar. 6.
Haiku Fruit & Packing Co., Haiku, Maui, Hawaii. Canned pineapple. 169,243; May 8.
Haiku Fruit & Packing Co., Haiku, Maui, Hawaii. Canned pineapple. 169,244–5; Feb. 27.
Haines Manufacturing Corporation, Rochester, N. Y. Automobile accessories. 168,888–9; Mar. 13.
Haines Manufacturing Corporation, Rochester, N. Y. Automobile accessories. 178,841; July 17.
Haines Manufacturing Corporation, Rochester, N. Y. Automobile accessories. 183,925; Oct. 30.
Hair-O Laboratories Co. (See Spake, John P.)
Hairvita Hair Tonic Co. (See Greco, Felix V.)
Halcolite Company, Inc., New York, N. Y. Electric-lighting fixtures and parts thereof. 165,551; Jan. 9.
Haldy, George P., Cedar Rapids, Iowa. Preparation for the hair and scalp. 177,737; July 10.
Hale, Alfred, Rubber Company, Atlantic, Mass. Rubber heels and soles, rubbers, overshoes, and rubber shoes. 169,953; Mar. 20.
Hale, Alfred, Rubber Company, Quincy, Mass. Boots, shoes, and slippers made wholly or in part of leather, canvas, rubber, etc. 173,314; Apr. 24.
Hale Bros., Inc., San Francisco, Calif. Hosiery. 164,703; Nov. 6.
Hale Bros., Inc., San Francisco, Calif. Towels, sheets, pillowcases, etc. 185,019; Nov. 6.
Hale, O. A., & Co., San Jose, Calif. Wool, wool and cotton mixed, and cotton blankets. 174,693; Apr. 24.
Haley, John M., & Co. Inc., New York, N. Y. Stockings and socks. 179,938; Aug. 28.
Haley-Neeley Company, Sioux City, Iowa. Fresh fruits and vegetables. 168,037; Mar. 27.
Half Moon Fruit & Produce Co., San Francisco, Calif. Fresh cantaloupes, cassabas, and fresh vegetables. 159,870; Sept. 11.
Hall, A. G., doing business as Hall Rod Works, Highland Mills, N. Y. Fishing lines, rods, snelled hooks, and leaders. 180,065; July 3.
Hall Baking Co., Buffalo, N. Y. Bread. 175,787; June 19.
Hall Baking Co., Buffalo, N. Y. Bread. 180,861; Oct. 30.
Hall, C. C., Inc., Rochester, N. Y. Evaporated apples. 165,998–9; Jan. 16.
Hall, C. C., Inc., Rochester, N. Y. Dried fruits 173,421; June 5.
Hall, H. H., Company, The. (See Hall, Harvey H.)
Hall, Hartwell & Co., Troy, N. Y. Dress, negligee, and work shirts and collars. 136,707; Jan. 9.
Hall, Hartwell & Co., Troy, N. Y. Dress, negligee, and work shirts and collars. 158,393; Jan. 23.
Hall, Harvey H., doing business as The H. H. Hall Company and Hallworthy Poultry Farm, Elyria, Ohio. Electrically-heated brooders. 161,925; Mar. 27.
Hall, J. H., Company, The, Providence, R. I. Paper used for printing bonds, checks, drafts, and similar commercial use. 174,616; May 29.
Hall Projector Company, Inc., The, East Poston, Mass. Motion-picture projectors. 187,050; Dec. 25.
Hall, Thralls & Co., Hymera, Ind. Shampoo, scalp and hair oils, dandruff ointment, skin lotion. 175,555; July 10.
Hall Wheel Corporation, Philadelphia, Pa. Vehicle wheels. 170,137; Feb. 13.
Hallerczyk Cigar Company, Chicago, Ill. Cigars. 165,626; Aug. 21.
Halligan Candy Company, Davenport, Iowa. Candy. 173,043; Apr. 17.
Hallworthy Poultry Farm. (See Hall, Harvey H.)
Haloid Company, The, Rochester, N. Y. Photographic developing papers. 170,288; Jan. 2.
Haloid Company, The, Rochester, N. Y. Sensitized photographic paper. 179,097; Aug. 14.
Halove Company Inc., The, New York, N. Y. Paste paints. 168,609; Feb. 13.
Halperin Mills. (See Halperin, Nathan.)
Halperin, Nathan, doing business as Halperin Mills, Brooklyn, N. Y. Artificial-silk knitted fabric. 171,843; Jan. 30.
Halpern, David, and Greenberg, New York, N. Y. Pants, Coats, vests, and men's outer garments for summer wear. 165,020; Feb. 6.
Halpern, Irving J., doing business as Noise Making Devices Company, New York, N. Y. Hand rattles. 174,961; May 1.
Halpern & Kalb, Inc., New York, N. Y. Knitted outer garments. 170,186; May 1.
Halsey, Florence I., New York, N. Y. Marmalade. 180,280; Nov. 13.
Halstead Specialties Company, San Francisco, Calif Rust solvent. 168,149; Jan. 23.
Ham Boiler Corporation, New York, N. Y. Metallic cooking utensils. 170,138; Mar. 20.
Hamaguchi, Gihei Unakami Gun, Chiba Ken, Japan. Tamari, vinegar, extract of soy, extract of tamari, sauces, and soy. 174,434; May 29.
Hamburger Bros., New York, N. Y. Ladies' dresses, bungalow aprons, bath robes, and kimonos. 169,901; Feb. 13.
Hamersley Manufacturing Company, The, New York, N. Y. Waxed paper. 178,920; May 29.
Hamersley Manufacturing Company, The, New York, N. Y. Wax paper. 181,445; Dec. 4.
Hamilton, L. R., Reedley, Calif. Fresh grapes. 184,611; Oct. 9.
Hamilton Manufacturing Company, The, Two Rivers, Wis. Printers' and bookbinders' supplies. 167,043; Feb. 13.
Hamilton Rubber Manufacturing Company, Trenton, N. J. Fruit-jar rubbers. 180,862; July 31.
Hamilton Specialty Company. (See Hamilton, Wm. G.)
Hamilton, William H., doing business as Pactwell Food Products Co., Baltimore, Md. Canned tomatoes. 134,364; Jan. 23.
Hamilton, Wm. G., doing business as Hamilton Specialty Company, Circleville, Ohio. Hair nets. 170,820; Feb. 13.
Hammell-Neuman Co., Philadelphia, Pa. Hats for men, women, and children. 164,435; May 15.
Hammer-Bray Company, Oakland, Calif. Cookstoves, ranges, etc. 160,604; July 3.
Hammesfahr, Gottlieb Solingen-Foche, Germany. Table flatware of base metal, consisting of knives, forks, spoons, etc. 165,951; Jan. 23.
Hammond, Estella M., East Cleveland, Ohio. Designs used for art needlework. 169,852; Mar. 27.
Hammond, Judd E., doing business as Hammond Ironized Aspirin Company, Munday, Tex. Medicine for the relief of pain. 167,916; Dec. 4.
Hampshire, F. W., & Co. Ld., Derby, England. Fly swatters and sticky paper. 175,490; May 22.
Hampshire Paper Company, South Hadley Falls, Mass. Printing and writing paper. 168,305; May 8.
Hampshire Paper Company, South Hadley Falls, Mass. Printing and writing paper. 168,306; Jan. 2.
Hampton Medicine Company. (See Bozeman Mike E.)
Hanawalt Spaulding Company, Los Angeles, Calif. Stained wooden shingles. 187,051; Dec. 25.
Hance Brothers & White Incorporated, doing business as Marshall-King Laboratories, Philadelphia, Pa. Nutrient tonic. 185,519; Dec. 11.
Handipak Company. Salt Lake City, Utah. Auto road maps. 180,864; Oct. 16.
Handley, Homer J., Chappell, Nebr. Skin lotion. 181,276; Aug. 21.
Handley, Peter, Garland, Tex. Preparation for headache, neuralgia, etc. 179,148; Sept. 4.
Handy, Herbert L., Springfield, Mass. Meat products. 171,079; Dec. 11.
Hanes Hosiery Mills Co., Winston-Salem, N. C. Hosiery. 185,220; Nov. 6.
Hanes Hosiery Mills Company, Winston-Salem, N. C. Hosiery. 185,458; Dec. 4.
Hanington, A. W., & Sons, New York, N. Y. Radio receiving apparatus, detectors, tuning coils, amplifiers, etc. 171,797; Feb. 13.
Hanlon & Goodman Co., New York, N. Y. Paint, varnish, and calcimine brushes. 170,189; Aug. 28.
Hanlon & Goodman Co., New York, N. Y. Paint, varnish, and calcimine brushes. 179,268; Oct. 2.
Hannahsons Shoe Company, The, Haverhill, Mass. Leather and fabric shoes. 180,930; Nov. 13.
Hanover-Hall Company, New York, N. Y. Men's felt, straw, cloth, and silk hats and caps. 174,389; Apr. 3.
Hanovia Chemical & Manufacturing Co., Newark, N. J. Quartz lamps. 185,123; Dec. 4.

Hanselman Candy Company, Kalamazoo, Mich. Ice cream. 159,580; Oct. 2.
Hansen, D. B., & Sons, Chicago, Ill. Candles. 183,972; Nov. 13.
Hansen's, Chr., Laboratory, Inc., Little Falls, N. Y. House organ published monthly. 180,761; Sept. 18.
Hanson Milling Company, Ashland, Wis. Wheat flour. 161,881; Apr. 3.
Hanson & Moe, St. Paul, Minn. Battery compound. 168,468; Mar. 20.
Hanzel, Stanley F., doing business as S. F. Hanzel Card Co., Chicago, Ill. Playing cards. 183,065–7; Oct. 2.
Hanzel, Stanley F., doing business as S. F. Hanzel Card Co., Chicago, Ill. Playing cards. 183,068; Dec. 4.
Happy Thought Remedy, Kansas City, Mo. Internal treatment for piles. 173,596; Apr. 10.
Hardaway-Cargill Co., Columbus, Ohio. Table sirups. 166,830; Feb. 20.
Harden, David, doing business as Ora Ola Syrup Company, Connellsville, Pa. Beverages sold as soft drinks. 158,118; Mar. 20.
Harding, Mabel, doing business as Karavan Packing Co., Philadelphia, Pa. Canned goods, jam, olive oil, olives. 164,912; Dec. 11.
Hardwick-Hutchins Manufacturing Company, Chattanooga, Tenn. Chemical used in the brazing and welding of metals. 164,163; Mar. 13.
Hardy, Charles, doing business as Advanced Metal Stamping Company, New York, N. Y. Radio apparatus. 175,865; May 29.
Hardy, Mary M., & Florence H. Baird, South Orange, N. J. Candies. 174,737; May 8.
Hare Manufacturing Company. (See Corso, Vincent M.)
Harem Perfume Co. (See Sakele, Geo. A.)
Hargreaves, John H., Nashua, N. H. Mayonnaise salad, French and Russian dressings. 170,882; Dec. 25.
Harker, George, and Company, Limited, London, England. Egg-substitute, custard, and lemonade powders. 138,051; Mar. 27.
Harlan, O. A., & Co., San Jose, Calif. Dried fruits and canned fruits and vegetables. 179,469; July 31.
Harlem Card & Paper Company, Inc., New York, N. Y. Writing paper and card board. 173,566; Apr. 3.
Harlequin Parfumerie Compagnie, New York, N. Y. Bottles or vials or packages or cases in which there is inclosed or contained either perfume or toilet water, etc. 171,167; Apr. 17.
Harley E. C. Company, The, Dayton, Ohio. Toilet creams, waters, and lotions, perfumes, face and talcum powders. 167,397–9; Jan. 23.
Harmouth, Gust, Yale, Okla. Photographic prints. 175,392; July 3.
Harness, Frederick A., Kellogg, Idaho. Salve for itch, sores, eczema, etc. 186,128; Dec. 18.
Haroma Mfg. Co. (See Harrah, Lewis O.)
Harper & Kirschten Shoe Co., The, Chicago, Ill. Shoes made wholly or in part of leather. 168,527; Aug. 7.
Harpic Manufacturing Co. (See Pickup, Harry.)
Harrah, Lewis O., doing business as Haroma Mfg. Co., Terre Haute, Ind. Ointment for rheumatism, influenza, spasmodic croup, etc. 164,640; Jan. 2.
Harral Soap Co. Inc., Brooklyn, N. Y. Soaps. 170,290; Jan. 2.
Harrington & Hord, Fort Worth, Tex. Article of food. 169,129; July 31.
Harrington & Waring, New York, N. Y. Hosiery. 181,277; Oct. 16.
Harris, A. W., Oil Company, Providence, R. I. Lubricating oils and greases. 158,084; Oct. 30.
Harris & Barnett, New York, N. Y. Ladies' and misses' muslin and silk underwear. 168,642; Jan. 23.
Harris & Barnett, New York, N. Y. Ladies' muslin underwear. 185,581; Dec. 4.
Harris, Charles G., jr., Philadelphia, Pa. Vegetable oils for hemorrhoids, cuts, bruises, etc. 160,707; Aug. 14.
Harris, D. P., Hardware & Manufacturing Co. Inc., New York, N. Y. Children's bicycles and velocipedes. 182,581–3; Dec. 25.
Harris Indirex Light. (See Harris, Ralph W.)
Harris, Irwin J., doing business as Alopex Products Company, St. Louis, Mo. Preparation for growing hair and eradicating dandruff. 183,830; Nov. 20.
Harris, Isaac F., doing business as Harris Laboratories, Tuckahoe, N. Y. Pharmaceutical and biological products. 165,193; Oct. 30.
Harris, J., & Company, New York, N. Y. Fountain pens. 187, 864; Dec. 25.
Harris, James G., doing business as Harris Chemical Company, Duluth, Minn. Liniment. 171,358; Mar. 6.
Harris, John A., Pueblo, Colo. Malted milk for use in making beverages. 161,885; Feb. 20.
Harris, Ralph W., doing business as Harris Indirex Light, Cranford, N. J. Electric headlights for automobiles, motor cycles, street cars, locomotives, and electric fixtures. 167,773; Feb. 13.
Harris Soap Company, Buffalo, N. Y. Soap in liquid, flake, powdered, and cake form. 166,945; May 15.
Harris Suspender Company, New York, N. Y. Apparel belts. 172,944; Apr. 3.
Harris, Thomas H., doing business as Thos. H. Harris Med. Co., Princeton, Ky. Blood purifier. 167,242; Jan. 2.
Harris, Thos. H., Med. Co. (See Harris, Thomas H.)
Harris, William E., Asheville, N. C. Cleaning and polishing combination for leather goods. 176,180; July 3.
Harris Woodson Co. Inc., also doing business as Enterprise Candy Company, Lynchburg, Va. Candy. 180,216; Sept. 25.
Harrisburg Coal Mining Company, Chicago, Ill. Coal. 176,624; July 17.
Harrisburg Colliery Company, Chicago, Ill. Coal. 182,584; Aug. 21.
Harrisburg Shoe Mfg. Co., Harrisburg, Pa. Shoes. 174,390; Sept. 18.
Harrison & Co., also doing business as Harrison Flour Mills Co., New York, N. Y. Wheat flour. 166,371; July 31.
Harrison & Co., also doing business as Harrison Flour Mills Co., New York, N. Y. Wheat flour. 166,672–3; July 31.
Harrison, Edgar P., & Son, Newark, N. J. Cream malted chocolate. 182,147; Nov. 20.
Harrison, Frank E., Chicago, Ill. Pile salve. 178,843; Nov. 6.
Harrison, George, jr., doing business as The Lonesome Pine Apiaries, Bluemont, Va. Honey. 163,664–5; Jan. 9.
Harrison, Hubert M., Wichita Falls, Tex. Monthly publication. 170,684; Jan. 30.
Harrison, Sarah A., Omaha, Nebr. Sanitary-napkin holders. 175,491; Apr. 17.
Harrison, Wilford, doing business as Delta Chemical Company, Wichita Falls, Tex. Laxative or mild purgative pill preparation. 168,865; Mar. 6.
Harriss, William H., New York, N. Y. Cotton, silk, woolen, or jute fabrics. 177,780; June 5.
Harrocks-Ibbotson Co., Utica, N. Y. Fishing rods, reels, lines, poles, hooks, etc. 173,602; Aug. 7.
Harrow-Taylor Butter Co., Kansas City, Mo. Creamery butter. 170,328; May 8.
Hart, John I., doing business as Fourgees Cotton Mills, Manchester, England. Cotton piece goods. 183,569–70; Sept. 11.
Hart & Hegeman Manufacturing Company, The, Hartford, Conn. Electrical switches. 161,728; July 24.
Hart & Hegeman Mfg. Co., The, Hartford, Conn. Luminous pendants. 171,419; May 22.
Hart, Hubert C., Unionville, Conn. Butcher and kitchen knives, safety-razor blades, glass cutters. 174,738; May 1.
Hart, Montgomery L. Inc., New York, N. Y. Linen, ramie, hemp, etc., piece goods. 177,488; Aug. 7.
Hartman, Arthur, New York, N. Y. Shirts. 175,866–8; July 10.
Hartmann Trunk Company, Racine, Wis. Waterproof cloth or fabric which forms the outside covering for trunks. 147,289; June 26.
Hartray, J. P., Shoe Co., Chicago, Ill. Shoes made wholly or in part of leather. 173,491; May 1.
Hartray, J. P., Shoe Co., Chicago, Ill. Boots and shoes. 184,727; Nov. 27.
Hartvig, John A., Oakland, Calif. Nonelectric iron heated hair-waving implements. 178,101; May 29.
Hartwell Brothers, Memphis and Hollywood Station, Memphis, Tenn. Tool handles. 182,906–7; Sept. 18.
Hartwell Brothers, Memphis, Tenn. Axe, adze, pick, sledge, etc., tool handles. 182,908; Nov. 27.
Hartwell Brothers, Memphis and Hollywood Station, Memphis, Tenn. Tool handles. 182,909–13; Sept. 18.
Hartwell Brothers, Memphis and Hollywood Station, Memphis, Tenn. Tool handles. 182,915; Sept. 18.
Hartzell, Earl F., Pittsburgh, Pa. Oils and greases. 157,667; Jan. 30.
Harvey Oil Co., The, Cleveland, Ohio. Lubricants. 184,029; Nov. 20.
Haskins Bros. Company, Sioux City, Iowa. Soap. 179,201; Sept. 4.
Haskins Brothers & Company, Sioux City, Iowa, and Omaha, Nebr. Soap. 167,873; Jan. 2.
Haskins Brothers & Company, doing business as Petroleum Soap Company, Omaha, Nebr., Sioux City, Iowa, and St. Paul, Minn. Laundry soap. 175,194; Aug. 21.
Haskins Brothers & Company, Sioux City, Iowa, and Omaha, Nebr. Soap. 178,609; Aug. 21.
Haskins & Welton, assignor to Welton & Company, Chicago, Ill. Chemical tissue for use as a surgical dressing. 144,720; Sept. 4.
Haspel Brothers, New Orleans, La. Men's suits, pants, vests, and coats. 181,746; Oct. 30.
Hass Lieber Grocery Co., St. Louis, Mo. Coffee. 175,863; June 26.
Hastings Milling Company. (See Nebraska Consolidated Mills Co.)
Hastings Mills, The. (See Nebraska Consolidated Mills Co.)
Hasty, M. A., Richmond, Ind. Candy. 175,492; July 3.
Hatch, Robert A. B., doing business as Normasal Chemical Co., San Diego, Calif. Granulated effervescing compounds used as blood salts. 170,291; Feb. 20.
Hatfield, Asa A., doing business as Med-A-Dent Dental Specialties Company, Danville, Ky. Tooth paste and cleanser and a preparation for the treatment of pyorrhea. 167,676; Apr. 3.
Hatheway & Reynolds, Oriskany Falls and New York, N. Y. Sweaters, knit coats, and bathing suits. 185,658; Dec. 4.

Alphabetical list of trade-mark applicants—Continued.

Hatjy, George, Bros., New York, N. Y. Shoe lacers. 184,402; Nov. 20.
Hattiesburg Grocery Co., Hattiesburg, Miss. Self-rising wheat flour. 176,827; Sept. 18.
Hatton, Edward J., doing business as Hatton Mfg. Co., Chicago, Ill. Hair tonic. 166,368; Feb. 13.
Hatton, Edward J., doing business as Hatton Mfg. Co., Chicago, Ill. Hair tonic. 168,528; Feb. 13.
Hatton Mfg. Co. (See Hatton, Edward J.)
Hauck Manufacturing Company, Brooklyn, N. Y. Asphalt surface and kettle heaters, fire pots, brazing forges, annealing furnaces, etc. 168,365; Mar. 20.
Hauck, Peter, jr., East Orange, N. J. Malt sirups for food purposes. 164,432; Jan. 30.
Hauser Garrison Dry Goods Co., The, Wichita, Kans. Overalls, work shirts, combination work suits. 180,215; Aug. 14.
Havana Cigar Co., Cheyenne, Wyo. Cigars. 171,319; Feb. 20.
Havana Cigar and Tobacco Factories, Ltd., New York, N. Y. Cigars. 177,969–70; Oct. 2.
Havard, Harold H., Berkeley, Calif. Playing cards. 186,706; Nov. 27.
Havens, Horace E., Chicago, Ill. Salad and cooking oil. 172,738; Apr. 17.
Hawaiian Pineapple Company Limited, San Francisco, Calif., and Honolulu, Hawaii. Canned pineapple. 147,426; May 8.
Hawaiian Pineapple Company, Ltd., Honolula, Hawaii and San Francisco, Calif. Canned pineapple. 168,109; Apr. 3.
Hawkeye Bindery Company, Des Moines, Iowa. Loose-leaf binders and books, book bindings, envelopes, letterheads, etc. 172,273; Feb. 13.
Hawkins Mortgage Co., Portland, Ind. Loan societies' bookkeeping record and correspondence blank forms. 167,396; Mar. 13.
Hawkins, Rembrandt L., Cincinnati, Ohio. Elastic bandages made without rubber. 157,315; May 15.
Hawkins & Tipson Ltd., London, England. Rope. 182,538; Nov. 13.
Hawks, P. L., doing business as American System Company, Roanoke, Va. Printed blank forms. 171,359; Jan. 2.
Hawley & Hoops, New York, N. Y. Candy. 177,971; Aug. 14.
Hawley Knitting Mills, Inc., New York, N. Y. Knitted outer garments. 172,221; July 10.
Hawthorne Paper Company, Kalamazoo, Mich. Writing paper. 156,447; Apr. 17.
Hay, Carl A., doing business as The Newton Ice Cream Company, Newton, Kans. Ice cream. 160,938; Sept. 18.
Hay, Carl A., doing business as Newton Ice Cream Company, Newton, Kans. Ginger ale and nonalcoholic, maltless beverages sold as soft drinks. 180,428; July 31.
Hayes & Armstrong Mineral Wells, Tex. Furniture polish. 183,210; Oct. 2.
Hayes, F. C., Newport, R. I. Hair tonic. 169,301; Jan. 9.
Hayes-Meserole Mfg. Co., Inc., The, Milford, Conn. Barrettes. 184,968; Nov. 20.
Hayhurst, William P., Santa Rosa, Calif. Lotion for the skin. 175,311; July 24.
Hayman, Leon, doing business as Hayman's Hair Shop. Hair dies and colorings for eyebrows and eyelashes. 159,581; Aug. 7.
Hayman's Hair Shop. (See Hayman, Leon.)
Haynes, George A., Inc., Boston, Mass. Caps or closures for receptacles. 180,762; July 3.
Haynes, Wm. S., Co., Boston, Mass. Flutes and piccolos. 171,215; Jan. 23.
Haynes, Wm. S., Co., Boston, Mass. Flutes and piccolos. 171,216; Jan. 30.
Hays, J. M., Wood Products Company, Division of Standard Crate & Filler Company, Jefferson City, Mo. Automobile bumper. 172,629; May 29.
Hayward Hosiery Company, Ipswich, Mass. Hosiery. 171,914; May 22.
Haywood Publishing Company, La Fayette, Ind. Shipping tags. 184,448; Oct. 16.
Hazeltine, Louis A., Hoboken, N. J. Radio receiving sets. 176,676; May 29.
Hazeltine, Louis A., Hoboken, N. J. Electrical transformers. 176,677; May 8.
Hazeltine, Louis A., Hoboken, N. J. Electrical condensers. 176,678; May 8.
Head, Hamilton D., doing business as Excelo Manufacturing Company, Texarkana, Tex. Polish for furniture and varnished surfaces. 173,705; June 19.
Headex Remedy Co., McKeesport, Pa. Headache capsules. 180,599; Aug. 7.
Headley, F. H., Edgbaston, Birmingham, England. Motor cycles and perambulators, pillory-seat supports, and saddles for motor cycles. 129,890; May 8.
Health Food Distributing Company. (See Rick, James J.)
Health Products Corporation, New York, N. Y. Laxative chewing gum. 171,732; Apr. 10.
Healy, Daniel J., Detroit, Mich. Men's, women's, and children's hose. 170,648; May 15.
Healy, Daniel J., doing business as D. J. Healy Shops, Detroit, Mich. Wool yarns. 178,038; May 15.
Hearn, James A., & Son, Inc., New York, N. Y. Ladies' and children's flat (textile fabric) and knitted underwear. 165,993; Jan. 30.
Hearn, James A., & Son, New York, N. Y. Phonographs and phonograph records. 165,994; Jan. 9.
Heathcote, Edward, New York, N. Y. Hosiery, underwear, sweaters, gloves, and mittens. 176,465; July 17.
Heather Company, New York, N. Y. Face powders and creams, perfumes, toilet waters, etc. 187,420; Dec. 25.
Heather Company, New York, N. Y. Face powders and creams, perfumes, toilet waters, etc. 187,422; Dec. 25.
Heather Company, New York, N. Y. Face powders and creams, perfumes, toilet waters, etc. 187,623; Dec. 25.
Hebert, R. B., and Son, Geauga Lake, Ohio. Liniment. 173,493; Sept. 18.
Hecht & Company. (See Hecht, William.)
Hecht, Daniel, doing business as D. Hecht & Co., San Francisco, Calif. Wheat flour. 165,871; May 1.
Hecht & Mendes Incorporated, New York, N. Y. Cotton fabrics, cotton and silk mixed fabrics, cotton and wool mixed fabrics, etc. 178,560; July 31.
Hecht, William, doing business as Hecht & Company, New York, N. Y. Children's suits. 162,816; Mar. 27.
Hechtman, Chas., Osseo, Minn. Potatoes. 169,902; Apr. 10.
Hecker-Jones-Jewell Milling Company, New York, N. Y. Wheat flour. 175,241; June 5.
Hecker-Jones-Jewell Milling Company, New York, N. Y. Wheat flour. 182,802; Dec. 18.
Hecker-Jones-Jewell Milling Company, New York, N. Y. Wheat flour. 182,805–8; Oct. 2.
Hecker-Jones-Jewell Milling Company, New York, N. Y. Wheat flour. 183,028; Dec. 18.
Hecker-Jones-Jewell Milling Company, New York, N. Y. Wheat flour. 183,031–2; Dec. 18.
Hecker-Jones-Jewell Milling Company, New York, N. Y. Wheat flour. 183,285; Dec. 25.
Hecker-Jones-Jewell Milling Company, New York, N. Y. Wheat flour. 183,287; Dec. 18.
Hecker-Jones-Jewell Milling Company, New York, N. Y. Wheat flour. 183,475–6; Dec. 25.
Hecker-Jones-Jewell Milling Company, New York, N. Y. Wheat flour. 183,478; Dec. 18.
Hecker-Jones-Jewell Milling Company, New York, N. Y. Wheat flour. 183,480; Dec. 25.
Hecker-Jones-Jewell Milling Company, New York, N. Y. Wheat flour. 183,877; Dec. 25.
Heckethorn, Nettie E., Casper, Wyo. Hair tonic. 182,810; Oct. 30.
Hedberg, A. F., & Co. (See Hedberg, Anshelm F.)
Hedberg, Anshelm F., doing business as A. F. Hedberg & Co., Long Island City, N. Y. Preparation for cleaning fresco, oil cloth, enamels, varnishes, etc. 167,465; Feb. 13.
Heddon's, James, Sons, Dowagiac, Mich. Fish baits or lures. 173,191; Feb. 20.
Hedges & Brother, Newark, N. J. Flush and urinal valves, urinal spreaders, strainers, etc. 178,696; Aug. 28.
Hedges & Brother, Newark, N. J. Flush valves, urinal valves, urinal spreaders, etc. 178,696; Nov. 13.
Heed, Rudolph B., doing business as The Columbus Pile Remedy Company, Columbus, Ohio. Salve for the treatment of piles. 169,810; Feb. 13.
Heepe, Richard, Brooklyn, N. Y. Antifreezing liquid. 176,181; Sept. 4.
Hegarty & Childers. (See Childers, Jessie.)
Heidbrink Company, The, Minneapolis, Minn. Medicinal preparation to relieve pain. 176,998; June 26.
Heidelberg, Wolff & Co., New York, N. Y. Overcoats, raincoats, smoking jackets, house coats, etc. 179,722; July 17.
Heidelberg, Wolff & Co., New York, N. Y. Overcoats, raincoats, smoking jackets, etc. 179,723; Aug. 28.
Heidelberg, Wolff & Co., New York, N. Y. Overcoats, raincoats, sport suits, etc. 179,724; Oct. 16.
Heidelberg, Wolff & Co., New York, N. Y. Overcoats, smoking jackets, golf suits, etc. 179,726; Oct. 16.
Heidelberg, Wolff & Co., New York, N. Y. Overcoats, raincoats, smoking jackets, etc. 179,727–8; Sept. 11.
Heidelberg, Wolff & Co., New York, N. Y. Men's and young men's suits, sack suits, overcoats, waistcoats, etc. 183,743; Oct. 30.
Heidelberger Federhalter-Fabrik Koch, Weber & Co. A.-G., Heidelberg, Germany. Penholders and fountain pens. 178,339; Aug. 21.
Heidelberger Federhalter-Fabrik Koch, Weber & Co. A.-G., Heidelberg, Germany. Fountain pens, penholders, pencils, etc. 178,340; Aug. 21.
Heidner & Grinnell, Inc., Tacoma, Wash. Toothbrushes, hairbrushes, and nailbrushes. 178,247; June 26.
Heil Co., The, Milwaukee, Wis. Truck bodies. 176,466–71; June 12.
Heim, F. L., & Son, San Francisco, Calif. Boots and shoes. 180,429; Nov. 13.
Heim, Fritz, & Son, Utica, N. Y. Dressing for salads and sandwiches. 168,262; Feb. 20.
Heimbach Baking Company, The, Allentown, Pa. Bread. 179,269; Dec. 25.
Heimbach Baking Company, The, Allentown, Pa. Bread. 179,270; Dec. 18.
Heimbach Incinerator Co., St. Paul, Minn. Incinerators. 175,427; June 5.

Heine, L. Allen, doing business as The Heine Service, Ltd., Louisville, Ky. Periodical publication. 176,828; May 22.
Heineman, Arthur S., Los Angeles, Calif. Furniture—namely, chairs, tables, and desks. 148,885; Jan. 30.
Heinemann Electric Company, Philadelphia, Pa. Battery switches, vacuum-tube sockets, lighting switches, etc. 169,208; Feb. 6.
Heinze, Augustus P., doing business as Motor Kool Co., Detroit, Mich. Preparation to clean and remove scale and foreign accumulations from the interior of automobile radiators and cooling systems. 138,168; Apr. 24.
Heiss, Brush & Co., Inc., New York, N. Y. Handkerchiefs. 181,748; Aug. 7.
Heitel, Fannie, New York, N. Y. Chemical preparation for preventing the further tearing and ripping of hosiery. 168,680; May 29.
Heitkamp, Elizabeth A., St. Louis, Mo. Hair pomade. 174,777; May 22.
Helbein-Stone Company, Inc, New York, N. Y. Watch-cases. 156,791; Nov. 20.
Heldfond, Samuel M., doing business as Heldfond Drug Company and Raymo Company, Portland, Oreg. Liquid antiseptic. 181,278; Oct. 23.
Helfand, Leopold E., doing business as Elpho Pharmacal Company, Philadelphia, Pa. Cold cream. 171,915; May 22.
Helier & Long, New York, N. Y. Cotton piece goods. 172,673; Feb. 13.
Heller, B., & Company, Chicago, Ill. Chemical preparation for purifying the air in meat-cooling rooms, refrigerators, etc. 171,124; Feb. 13.
Heller, B., & Company, Chicago, Ill. Chemical preparation for use in preserving fresh sausage. 171,125; Aug. 28.
Heller, B., & Company, Chicago, Ill. Preparation for tanning animal skins, rawhide leather, harness and lace leather. 171,126; Feb. 13.
Heller, B., & Company, Chicago, Ill. Chemical preparation for preserving smoked sausage. 171,127; Aug. 28.
Heller, B., & Company, Chicago, Ill. Meat-curing chemical preparation. 171,755; Aug. 28.
Heller, B., & Company, Chicago, Ill. Chemical preparation for facilitating the scalding, etc., of hogs. 171,756; May 29.
Heller, B., & Company, Chicago, Ill. Metal polish. 171,757; May 29.
Heller, B., & Company, Chicago, Ill. Chemical preparation for use in deodorizing ice boxes, etc. 172,043; May 15.
Heller, B., & Company, Chicago, Ill. Flavoring compound. 172,377–9; May 22.
Heller, B., & Company, Chicago, Ill. Food flavorings and spices. 172,530; May 22.
Heller, B., & Company, Chicago, Ill. Flavoring compound. 172,531; May 22.
Heller, B., & Company, Chicago, Ill. Chemical preparation for use in keeping sausage, kidneys, tongues, etc. in good condition. 172,989; Mar. 6.
Heller, B., & Company, Chicago, Ill. Garlic flavoring compound. 172,990; July 24.
Heller, B., & Company, Chicago, Ill. Disinfectant and deodorizer. 172,991; Mar. 13.
Heller B., & Company, Chicago, Ill. Chemical preparations used in the curing of meat. 172,992; May 15.
Heller, B., & Company, Chicago, Ill. Preparation for repelling flies from cattle, horses, dogs, etc. 173,045; May 15.
Heller, B., & Company, Chicago, Ill. Coloring for food and confectionery. 173,046; May 15.
Heller, B., & Company, Chicago, Ill. Insecticide for killing moths and carpet beetles. 174,301; July 17.
Heller, B., & Company, Chicago, Ill. Combined coloring and flavoring. 174,304; July 17.
Heller, B., & Company, Chicago, Ill. Insecticide preparation. 184,131; Nov. 27.
Heller, Elias E., doing business as Heller Drug Company, Baltimore, Md. Liniment. 175,987; Nov. 13.
Heller, Joseph J., Los Angeles, Calif. Fountain pens. 159,027; Jan. 23.
Hellwig, Charles A., San Francisco, Calif. Cake. 181,988; Nov. 20.
Helmet Cap Company, Inc., The, New York, N. Y. Radiator caps. 172,532; Aug. 14.
Helsbels Company, The. (See Williams, William J.)
Hem-Locked Shade Co., The. (See Smith, Forest C. C.)
Henderson, F. R., & Co., Inc., New York, N. Y. Caoutchouc milk. 172,533; Apr. 24.
Henderson Tire & Rubber Co., Inc., Columbus, Ohio, and Buffalo, N. Y. Rubber tires. 168,926; Jan. 30.
Hendricks, William H., doing business as Daisy Dish Pan Company, New Haven, Conn. Nonenameled dish pans. 152,799; June 26.
Hendryx, Andrew B., Co., The, New Haven, Conn. Birdcage stands, screens, and hooks, chain and coil springs. 162,550; Feb. 27.
Hendryx, Andrew B., Co., The, New Haven, Conn. Bird cages. 173,316; Feb. 27.
Henle, Walter, doing business as Blackhawk Extract Company, Davenport, Iowa. Malt sirup. 178,248; June 19.
Hennessy, Francis W., Providence, R. I. Clothes-supporting racks. 172,836; Apr. 24.
Hennessy, Francis W., East Providence, R. I. Roof-edging device. 174,834; May 1.
Henning Wennersten Incorporated, Chicago, Ill. Malt extracts. 173,422; Apr. 3.
Henriques Brothers Limited, Lisbon, Portugal. Sardines. 164,434; Feb. 13.
Henry & Allen, Auburn, N. Y. Repair parts for agricultural machinery and implements. 175,790 May 29.
Henry & Allen, Auburn, N. Y. Metal castings and forgings of standard and special shapes. 175,791; May 1.
Henry & Allen, Auburn, N. Y. Wrenches and parts thereof. 183,034; Sept. 11.
Henry & Allen, Auburn, N. Y. Wrenches. 186,474; Dec. 25.
Henry-Brown Company, Inc., Glendale, Calif. Nonalcoholic beverage and sirup used in preparation of same. 187,311; Dec. 4.
Henry Wiggin & Company Limited, Parade, Birmingham, England. Nickel and alloys of nickel in ingots, sheets, and wire. 172,701; Apr. 17.
Henry Wiggin & Company Limited, Parade, Birmingham, England. Metals used for electrical purposes. 172,702; Apr. 17.
Henry Wiggin & Company Limited, Parade, Birmingham, England. Nickel steel in the form of plates, sheets, wire, etc. 172,703; Apr. 17.
Henry Wiggin & Company Limited, Parade, Birmingham, England. Nickel-chrome alloy. 172,704–6; Apr. 17.
Henry Wiggin & Company Limited, Parade, Birmingham, England. Nickel and manganese alloy. 172,707; Apr. 17.
Henry Wiggin & Company Limited, Parade, Birmingham, England. Nickel-copper alloys. 172,708; Apr. 17.
Henry's Handy Handles Co., Los Angeles, Calif. Spark and throttle control levers for motor vehicles. 167,176; Mar. 13.
Henshel Co. Inc., The, New York, N. Y. Artificial pearls. 173,597; Apr. 3.
Henson-Blair Manufacturing Company, Philadelphia, Pa. Mops. 178,341; May 22.
Hepburn Company, The, Cleveland, Ohio. Asphalt, including asphalt products designed for roofing, paving, etc. 183,651; Oct. 30.
Hepsall Company, The. (See Holt, H. L.)
Herbolac Drug & Mfg. Co. (See Black, William C.)
Herbrand Company, The. Fremont, Ohio. Wrenches, pliers, hammers, screw drivers, chisels. 170,649; Mar. 6.
Herbrand Company, The, Fremont, Ohio. Wrenches, pliers, hammers, etc. 179,729; June 19.
Hercules Carboy Box Company, Newark, N. J. Receptacles for carboys. 178,342; May 29.
Hercules Chemical Co. Inc., doing business as The Economy Plumber Company, New York, N. Y. Solution for clearing stopped up drain and sewer pipes. 181,446; Nov. 6.
Hercules Gasoline Co., Los Angeles, Calif. Gasoline, kerosene, oils, etc. 167,393; Sept. 18.
Hercules Gasoline Co., Los Angeles, Calif. Gasoline, kerosene, petroleum, etc. 169,130; Sept. 4.
Hercules Knitting, Milwaukee, Wis. Sweater coats, knitted caps, woolen hosiery, etc. 180,120; Oct. 2.
Hercules Powder Company, Wilmington, Del. Compounded oil. 176,829; May 8.
Hercules Powder Company, Wilmington, Del. Pine oil. 176,830–3; May 8.
Hercules Powder Company, Wilmington, Del. Compounded oil. 176,834; May 8.
Hercules Powder Company, Wilmington, Del. Pine oil. 176,835; May 8.
Hergy Company, The, Hillsboro, Tex. Salve for eczema, piles, ringworm, etc. 175,082; June 5.
Herman, Jacob, doing business as J. Herman Co., New York, N. Y. Men's clothing. 175,144; Aug. 7.
Herman, John C., & Company, Harrisburg, Pa. Cigars. 179,599; July 17.
Herman Krebs Pharmacy Co., The, doing business as Herman Krebs Products Co., Cleveland, Ohio. Goiter balm. 159,966; Jan. 23.
Herman Krebs Products Co. (See Herman Krebs Pharmacy Co.)
Hermo Products Company, The. (See Tzifakis, Andrew E.)
Heroic Gum Remedy Company, Atlanta, Ga. Preparation for treatment of Riggs' disease, pyorrhea, ulcerated mouth, etc. 169,246; Mar. 20.
Heron, Norman C., doing business as N. C. Heron Co., Los Angeles, Calif. Eucalyptus remedies for colds, catarrh, and rheumatism. 161,312; June 5.
Herrick, Guy W., Auburn, Me. Cleaning preparation for varnished, painted, and enameled surfaces, etc. 164,642; Jan. 2.
Herrick, William W., Saratoga Springs, N. Y. Cathartic tablets, dyspepsia and indigestion tablets, antiseptic preparations. 174,206; Apr. 24.
Herrmann, Adolph S., New York, N. Y. Tablecloths, sheets, pillowcases, napkins. 167,082; May 22.
Herroder, Theodore L., doing business as Essentialized Flower Oil Company, Toledo, Ohio. Toilet aromatic oils, face powder, complexion creams, toilet water. 181,990–1; Nov. 6.
Herron, James H., Company, The, Cleveland, Ohio. Welding metal. 183,449–50; Oct. 16.
Herr's Laboratories, Limited. (See Jahn, E. J., Company.)

Alphabetical list of trade-mark applicants—Continued.

Hershenstein, Solomon, doing business as S. H. Rubber Mfg. Co., New York, N. Y. Inner tubes. 166,000; Jan. 30.
Hershey Brothers, Harrisburg, Pa. Milk flour, milk paste, milk-chocolate coating, etc. 162,552; Nov. 6.
Hershey Chocolate Company, Hershey, Pa. Chocolates. 186,185; Nov. 27.
Hershey Chocolate Company, Hershey, Pa. Chocolate mixture used as a food and in the preparation of food. 166,453; Feb. 20.
Hershey Chocolate Company of New York, Inc., New York, N. Y. Sugar-coated raisins. 158,774; Apr. 17.
Hershey, Martin, Laboratory. (See Herkowitz, Martin H.)
Hershey, S. W., Flour Mills. (See Hershey, Samuel W.)
Hershey, Samuel W., doing business as S. W. Hershey Flour Mills, York, Pa. Wheat flour. 168,967; Feb. 6.
Herskowitz, Martin H., doing business as Martin Hershey Laboratory, Cleveland, Ohio. Laxative. 182,472; Dec. 18.
Hertz, Felix, doing business as American Buckle Co., New York, N. Y. Bags, portfolios, pocketbooks, etc. 185,854; Dec. 26.
Hertz, Jacob, doing business as Hertz & Co., London, England. Insect-destroying preparations. 181,596; Sept. 18.
Hertz, Robert W., Indianapolis, Ind. Cartoons for publication in newspapers, magazines, etc. 174,900; Oct. 2.
Herz, Alexander, doing business as The Hygeia Antiseptic Tooth Pick Co., New York, N. Y. Drinking straws. 167,567; June 12.
Herz, Alexander, doing business as Alexander Herz Company, New York, N. Y. Merchandise envelopes. 173,567; Feb. 20.
Herz, Alexander, doing business as The Herz Straw Co., New York, N. Y. Paper drinking straws. 176,182; May 1.
Herz & Kory, New York, N. Y. Children's hand bags. 177,557; Aug. 14.
Herzog, Theodore, Los Angeles, Calif. Dance-floor dressing. 184,243; Dec. 11.
Hessel, Isadore A., St. Louis, Mo. Fur coats, capes, wraps, and stoles. 170,485; Oct. 30.
Hethcock, Edward E., Santa Ana, Calif. Medicinal preparation used as a physic. 170,191; Feb. 20.
Heuer, George A., Bellaire, N. Y. Preservative for pound and trap nets. 186,231; Dec. 11.
Hevener, James K., doing business as Jameson-Havener Company, St. Paul, Minn. Wheat flour. 157,152; Apr. 3.
Hewitt, Ada M., Detroit, Mich. Toy insect. 167,774; Feb. 27.
Heylman, Frederick C., Martinez, Calif. Valves. 167,566; Jan. 23.
Heyman, Marcus A., New York, N. Y. Piece goods made of silk. 176,407; May 29.
Heywood-Wakefield Company, Gardner, Mass. Baby carriages and gocarts. 171,458; Apr. 10.
Heywood-Wakefield Company, Gardner, Mass. Bookcases, bedsteads, buffets, bureaus, etc. 171,459; Oct. 16.
Hiatt, Arthur R., Stockport, Iowa. Antiseptic capsules for women and antiseptic liniment for general pains. 167,982; Mar. 6.
Hibben, John H., Dry Goods Co., The, Cincinnati, Ohio. Hosiery, knitted underwear, and leather and fabric gloves. 181,395; Oct. 23.
Hibben, John H., Dry Goods Co., The, Cincinnati, Ohio. Muslins, sheeting, sheets, tickings, etc. 186,505; Dec. 18.
Hibler, John M., doing business as J. M. Hibler Mfg. Co., Defiance, Ohio. Cleanser for rugs, carpets, woolen goods, clothing, upholstered furniture, etc. 171,019; Apr. 24.
Hickey-Freeman Co., Rochester, N. Y. Overcoats and topcoats. 177,377; July 17.
Hickey-Freeman Co., Rochester, N. Y. Overcoats and topcoats. 177,378; Nov. 6.
Hickman, Alma P., Joplin, Mo. Cloth and stockinet dolls. 183,382; Oct. 2.
Hickok, Clarence G., doing business as Scribner's Ink Co., Portland, Oreg. Writing inks. 175,312; Aug. 21.
Hickory Hill Farm, Jefferson City, Mo. Hams. 158,311; Jan. 16.
Hicks Corporation, The, Pittsburgh, Pa. Dish-washing machines. 173,355; June 5.
Hicks & Johnson, Columbus, Ga. Pharmaceutical preparations. 186,057; Dec. 18.
Hicks, Mme. Bertha M., Manufacturing Co., Indianapolis, Ind. Hair growers, tetter salve, face cream, etc. 171,365; Apr. 3.
Hicks, W. Wesley, San Francisco, Calif. Electric water heaters, electric air heaters, radiant floor and wall heaters, etc. 174,962; Apr. 3.
Hiergesell Brothers, Philadelphia, Pa. Calibrated surgical and clinical syringes. 180,662; Dec. 11.
Hiergesell Brothers, Philadelphia, Pa. Laboratory, chemical, and surgical glassware. 180,663; Dec. 11.
Higginbotham-Bailey-Logan Company, Dallas, Tex. Overalls, one-piece suits, and play suits. 170,246; Mar. 20.
Higgins-Babcock-Hurd Company, The, Cleveland, Ohio. Salad dressing, vinegar, canned fruits, and vegetables, etc. 165,134; Mar. 27.
Higgins Packing Company, Omaha, Nebr. Hams and bacon. 164,908; Jan. 30.
High Score Products Co. (See Langfeld, Daniel.)
High Tension Supplies Co., Wilmington, Del. Radio lightning arresters. 180,763; Aug. 21.
Highland Cordage Company, Highland and Hickory, N. C. Cords, twines, ropes, and lines. 177,668; May 15.
Highland Cordage Company, Highland and Hickory, N. C. Cords, twines, ropes, and lines. 185,583; Oct. 23.
Highland Hereford Breeder's Association, Marfa, Tex. Live calves and yearlings. 185,785; Dec. 11.
Highland Lake Paper Company, Walpole, Mass. Sheathing paper, waterproof building paper, roofing paper, etc. 178,610; May 22.
Highland Lake Paper Company, Walpole, Mass. Sheathing, waterproof building, and roofing paper, tar felt, and asphalt shingles. 178,611; July 17.
Highland Manufacturing Company, Holyoke, Mass. Writing, typewriting, and printing papers, tablets, etc. 125,503; May 29.
Highland Milling Company, Highland, Ill. Wheat flour. 177,740; Oct. 2.
Hightower, James F., doing business as The Cheery Ola Co., Fort Worth, Tex. Flavoring sirup, ice cream, cakes, etc. 182,585; Nov. 13.
Hightstown Hardware Company, Hightstown, N. J. Insecticides. 166,596; Jan. 2.
Hi-Gypsy Co. (See International Consolidated Chemical Corporation.)
Hijos de Ybarra, Seville, Spain. Olive oil. 182,501; Oct. 16.
Hikecut Company. (See Van Der Vygh, Frans.)
Hilborn, Jerome, New York, N. Y. Sweaters, sweater coats, jackets, vests, etc. 181,565; Sept. 25.
Hilda Lee, The. (See Drew, Hilda L.)
Hildesheimer, J., Co., New York, N. Y. Infants' and children's hats, caps, and bonnets. 166,074; Mar. 6.
Hill Clothes Dryer Co., Worcester, Mass. Clothes driers, balcony clothes driers, etc. 180,282; Sept. 4.
Hill, Herbert M., Leonia, N. J. Electrical connector clips and clamps for amateur radio use. 178,612; Sept. 4.
Hill-Hoel Mfg. Co., South Bend, Ind. Cedar chests. 181,944; Aug. 21.
Hill-Hubbell and Company, San Francisco, Calif. Anticorrosive protective and waterproof paint coatings, bituminous paints, marine paint, etc. 157,426; Mar. 20.
Hill & Jackson, Waskom, Tex. Hair grower. 184,074; Dec. 18.
Hill and Loper Company, Incorporated, The, Danbury, Conn. Men's, women's, and children's hats. 158,842; May 22.
Hill Manufacturing Co., Lewiston, Me., assignor to Hill Manufacturing Co., Boston, Mass. Cotton piece goods. 182,658; Oct. 23.
Hill Manufacturing Co., Lewiston, Me., assignor to Hill Manufacturing Co., Boston, Mass. Cotton fabrics. 182,659; Oct. 23.
Hill, S. W., and Sons, Morgantown, W. Va. Salve. 181,119; Sept. 18.
Hill, Wilfrid, doing business as The County Golf Company, Birmingham, England. Golf balls. 175,393; Oct. 23.
Hillbern Thrift Corporation, Chicago, Ill. Printed books. 176,626; July 31.
Hiller, Stanley, Inc., San Jose, Calif. Waste saving machinery and apparatus. 171,712; May 29.
Hiller, Stanley, Inc., San Jose, Calif. Apparatus for revivifying kieselguhr, apparatus for producing charcoal, fish-meal apparatus, and sirup clarifiers. 171,713; May 8.
Hillerich & Bradsby Co., Inc., Louisville, Ky. Baseball bats. 180,430; July 17.
Hillerich & Bradsby Co., Inc., Louisville, Ky. Baseball bats. 180,431–4; July 10.
Hillerich & Bradsby Co., Inc., Louisville, Ky. Baseball bats. 184,728; Oct. 16.
Hillig, Frederick W., doing business as F. W. Hillig Co., New York, N. Y. Tablecloths, napkins, scarfs, etc. 161,549; July 17.
Hillig, Frederick W., doing business as F. W. Hillig Co., New York, N. Y. Bed coverings, sheetings, pillowcases, bedspreads, tickings. 161,550; July 17.
Hills, C. V., & Co. Inc., Trenton, N. J. Refrigerators. 170,247; Mar. 20.
Hillsdale Baking Company, Hillsdale, Mich. Whole-wheat bread. 179,534; Nov. 6.
Hillsdale Baking Company, Hillsdale, Mich. Bread. 182,149–50; Oct. 2.
Hillside Cotton Mills, La Grange, Ga. Rugs made of grass and fiber. 171,366; Jan. 2.
Hillside Fluor Spar Mines, Chicago, Ill. Foundry flux. 179,792; Aug. 28.
Hillyard, Newton S., doing business as Hillyard Chemical Company, St. Joseph, Mo. Disinfectant. 180,600; Aug. 7.
Hillyard, Newton S., doing business as Hillyard Chemical Company, St. Joseph, Mo. Floor dressing. 180,602; Aug. 14.
Hilton, Joseph, New York, N. Y. Men's, young men's, and boys' clothing and haberdashery. 153,507; June 26.

Himmer Brothers Co. Inc., The, Baltimore, Md. Waxed paper. 175,394; Apr. 10.
Hinck, Otto H., New York, N. Y. Cotton piece goods. 180,664; Dec. 4.
Hinckley Manufacturing Co., Providence, R. I. Buttons, shoe ornaments, badges, and emblems. 165,552; Apr. 3.
Hinckley Manufacturing Company, Providence, R. I. Bracelets, finger rings, brooches, bar pins, and buttons. 168,469; May 8.
Hind & Harrison Plush Co., The, Clarks Mills and New York, N. Y. Plushes in the piece. 183,211; Oct. 16.
Hiner, Ward B., doing business as Red Ball Transit Company, Indianapolis, Ind. Moving vans or trucks. 170,920; Mar. 13.
Hinkle, Hutchinson S., doing business as The Leclare Laboratories, New York, N. Y. Hair remover. 180,066; Sept. 11.
Hinkle, Nettie B., Shreveport, La. Medicinal preparation used in the treatment of carbuncles, boils, old sores, etc. 171,844; Mar. 27.
Hinkson, Andrew H., doing business as Shults Ointment Company, Chester, Pa. Ointments used for swellings, sores, bruises, burns, etc., and liniments. 172,593; Apr. 3.
Hinsdale Manufacturing Company, Chicago, Ill. Wrenches, wrench and socket wrench sets, and alignment jigs. 183,383; Oct. 30.
Hinton, Frank, Decatur, Ill. Soap paste. 181,396; Oct. 16.
Hinton, Mary, St. Louis, Mo. Polish for automobiles, pianos, furniture, and woodwork. 185,181; Dec. 11.
Hipolito Screen & Sash Co., Los Angeles, Calif. Window and door wire screens. 180,764; Aug. 14.
Hipp. Didisheim Company Inc., New York, N. Y. Watches, watch movements, and parts of the same. 174,618; Apr. 3.
Hipp. Didisheim Company Inc., New York, N. Y. Watches, watch movements, and parts of the same. 174,620; Apr. 3.
Hipp. Didisheim Company, Inc., New York, N. Y. Watches, watch movements, and parts of same. 174,621; Apr. 24.
Hipp. Didisheim Company Inc., New York, N. Y. Watches, watch movements and parts of the same. 174,622–4; Apr. 3.
Hipple, Solomon R., Williamsport, assignor to DX Instrument Company, Harrisburg, Pa. Rheostats. 173,047; Oct. 23.
Hird, Roy G., doing business as Garley Steel Company, Chicago, Ill. Steel sheets, bars, and plates. 176,127; July 3.
Hirsch Brothers Co., Chicago, Ill. Cake mix. 171,081; Mar. 13.
Hirsch Bros. & Co., Incorporated, Louisville, Ky. Salad relish. 176,627; May 22.
Hirsch & Flashner. (See Flashner, Joseph.)
Hirsch, Walter J., Co., Chicago, Ill. Peanut butter, olives, mustard, chow relish. 157,523; Apr. 24.
Hirsch, Walter J., Company, Chicago, Ill. Candy. 162,547; May 15.
Hirsch, Walter J., Company, Chicago, Ill. Ice-cream cones. 172,534; May 29.
Hirsch, L., & Son, Brooklyn, N. Y. Dresses. 182,245; Aug. 28.
Hirschl & Bendheim, Washington, Mo. Tobacco-smoking pipes. 171,694; Jan. 2.
Hirsh, Wickwire Company, Chicago, Ill. Men's outer garments of clothing. 165,192; Dec. 4.
Hirshfeld, Jacob B., New York, N. Y. Nainsook underwear for men, women, and children. 166,072; May 8.
Hirshfeld, Jacob B., doing business as J. B. Hirshfeld & Co., Inc., New York, N. Y. Knitted and nainsook underwear, hosiery, and sweaters. 176,184; July 17.
Hirshfield, Maurice W., doing business as Marfield Radio Mfg. Co., New York, N. Y. Sound amplifiers for telephone and telegraph receiving instruments. 168,529. Mar. 27.
Hirsutine Laboratories, The. (See Berg, L. M.)
Hisey, Milton E., Painesville, Ohio. Preparation for the treatment of pyorrhea. 181,341; Nov. 20.
Hisey-Wolf Machine Company, The, Cincinnati, Ohio. Locks, particularly for motor vehicles. 183,625; Oct. 30.
Hite Brothers, Peru, Ind. Pancake and buckwheat flour. 181,342; Sept. 25.
Hits-It M'f'g Co., Camden, N. J. Insecticide. 186,129; Dec. 18.
Hi-Way Laboratories. (See Finstick, Lawrence A.)
Hobbs, Edward M., Berea, Ohio. Live poultry. 164,592; Jan. 30.
Hobbs, H. C., doing business as Fidelity Pencil Company, New York, N. Y. Pencils. 173,132; Mar. 13.
Hobdell, Way and Company Limited, London, England. Crude asbestos. 165,995; Jan. 9.
Hochman & Wertheim, Brooklyn, N. Y. Bread. 176,079; Nov. 20.
Hochschild, Kohn & Co., Inc., Baltimore, Md. Corsets, girdles, dresses, etc. 184,450. Nov. 6.
Hochstadter, Harry C., Philadelphia, Pa. Dental floss. 174,392; Apr. 10.
Hockaday Company, The, Chicago, Ill. Wall finishes. 179,939; Sept. 4.
Hockaday Company, The, Chicago, Ill. Wall finishes and reducers. 179,940; July 3.
Hockmeyer Bros., New York, N. Y. Cotton piece goods. 179,369; June 5.
Hodes Mills Inc., New York, N. Y. Men's and boys' knitted and textile athletic underwear. 184,451–2; Dec. 18.
Hodgman Rubber Company, Yonkers, N. Y. Waterproof covers for hats and caps. 171,916; Nov. 27.
Hodgson and Company, Limited, Sydney, New South Wales, Australia. Canned salmon. 180,004–7; Oct. 30.
Hoechstetter, Max S., Pittsburgh, Pa. Toilet lotion for chapped hands and face. 181,599; Dec. 18.
Hoefler, Henry R., Astoria, Oreg., and San Francisco, Calif. Chocolate and candies. 170,066; Aug. 14.
Hoefler, Henry R., Astoria, Oreg., and San Francisco, Calif. Chocolate and candies. 170,107; Aug. 14.
Hoegger, Joseph A., Jersey City, N. J. Supports for bathroom and other fixtures. 178,503; Sept. 18.
Hoeing, Morris J., Newark, N. J. Completely-printed books. 168,470; Mar. 27.
Hoepfner, Charles, doing business as Charles Hoepfner & Co., Chicago, Ill. Germicide and worm remedy for stock. 184,729; Dec. 4.
Hoevel Manufacturing Corporation, Jersey City, N. J. Sandblast apparatus and parts thereof and accessories therefor. 173,284; Aug. 7.
Hoey, John J., Los Angeles, Calif. Canned ripe olives. 168,364; Apr. 10.
Hoey, John, & Co., San Francisco, Calif. Mattresses. 177,084; May 29.
Hoey, John, & Co., San Francisco, Calif. Mattresses. 177,085; Sept. 11.
Hofbros. W., Co. (See Hoffman Bros.)
Hofer, Louis, doing business as Foot Balm Company, Cincinnati, Ohio. Foot balm. 179,793; Sept. 11.
Hoffman, F. A., Co., The, Cleveland, Ohio. Dairy products—namely, butter, evaporated milk, eggs, etc. 163,798; Mar. 27.
Hoffman Bros. Inc., New York, N. Y. Watches, clocks, and parts thereof. 171,798; Feb. 13.
Hoffman Bros. Inc., doing business also as Hofbros W. Co., New York, N. Y. Watches, clocks, dials, etc. 171,799; July 10.
Hoffman Candy Co., Cleveland, Ohio. Candy bar. 178,343; July 17.
Hoffman, E. A., Candy Co., Los Angeles, Calif. Candy. 182,096; Dec. 4.
Hoffman, Elic A., doing business as E. A. Hoffman Candy Co., also as Hoffman's, Los Angeles, Calif. Candy and chocolates. 159,024; June 26.
Hoffman, Elic A., doing business as E. A. Hoffman Candy Co., Los Angeles, Calif. Candy. 168,471; May 8.
Hoffman, Elic A., doing business as E. A. Hoffman Candy Co., Los Angeles, Calif. Candy. 174,393; July 24.
Hoffman, Herman B., New York, N. Y. Women's undergarments. 175,195; July 10.
Hoffman, Joseph S., Baltimore, Md. Boy's and children's outer-wear suits. 182,970; Dec. 4.
Hoffman, M. C., & Co., New York, N. Y. Silk and wool crêpe in the piece. 176,546; May 1.
Hoffman, Morris Company, St. Louis, Mo. Knickerbockers. 170,192; Feb. 20.
Hoffman, Mrs. Nellie F., Brookings, S. Dak. Medicine for the treatment of hog cholera. 178,504; July 10.
Hoffman, Samuel L., doing business as S. L. Hoffman & Co., New York, N. Y. Ginghams in the piece. 182,377; Oct. 16.
Hoffman, William M., Buffalo, N. Y. Fuel-oil burners. 166,829; Jan. 30.
Hoffmann, John, & Sons Co., Milwaukee, Wis. Evaporated milk, canned vegetables, fruit, fish, etc. 178,249; Aug. 21.
Hoffmann, William, Chicago, Ill. Tonic and food for feathered pets. 171,217; Mar. 13.
Hoffmaster, Harry E., Toledo, Ohio. General scouring preparation. 164,107; Oct. 16.
Hofheimer Brothers Company, Norfolk, Va. Shoes. 183,626; Dec. 11.
Hofmann, A. C., & Sons, Syracuse, N. Y. Bacon, canned corn beef, corned pork, etc. 171,538; Nov. 6.
Hogan, J. J., Incorporated, La Crosse, Wis. Canned fruits, vegetables, fish, and coffee. 161,130; Feb. 20.
Hogan, Thomas L., doing business as Floreal Parfums Delicats, Syracuse, N. Y. Face powders, face creams, perfumes, toilet waters, etc. 167,677; Jan. 9.
Hohner, M., New York, N. Y. Mouth harmonicas. 171,420–1; Feb. 20.
Hohner, M., New York, N. Y. Mouth harmonicas. 179,794; Aug. 2.
Hohner, M., New York, N. Y. Mouth harmonicas. 180,180; July 24.
Ho-Jay Corporation, Rochester, N. Y. Beverage coolers. 182,811; Oct. 2.
Ho-Jay Corporation, Rochester, N. Y. Beverages and sirups used in making same. 182,812; Oct. 2.
Holbrook, Merrill & Stetson, San Francisco, Calif. Plumbing, steam-fitting, and hardware supplies. 150,531; Jan. 9.
Holbrook, Merrill & Stetson, San Francisco and Los Angeles, Calif. Cooking and heating stoves. 162,409; Apr. 3.

Holbrook, W. H., Company, Boston, Mass. All-wool textile piece goods. 177,489; June 19.
Hold-Pack Mfg Co. (See Morgan, Walter E.)
Holdems Company. (See Fenno, Herbert L.)
Holden, George, Quenemo, Kans. Ointment for croup, colds, pneumonia, bronchitis, etc. 167,721; Jan. 1.
Holden-Leonard Co., New York, N. Y. Worsted and woolen textile fabrics. 162,002; Jan. 9.
Holden-Leonard Co., New York, N. Y. Worsted and woolen textile fabrics. 169,971; Jan. 2.
Holden-Leonard Company, New York, N. Y. Worsted and woolen textile fabrics. 173,423; Feb. 20.
Holden-Leonard Company, New York, N. Y. Worsted and woolen textile fabrics. 186,367; Dec. 18.
Holden-Leonard Company, New York, N. Y. Worsted and woolen textile fabrics. 186,369; Dec. 18.
Holden-Leonard Company, New York, N. Y. Worsted and woolen textile fabrics. 186,372; Dec. 18.
Holden-Leonard Company, New York, N. Y. Worsted and woolen textile fabrics. 186,374; Dec. 18.
Holden-Leonard Company, New York, N. Y. Worsted and woolen textile fabrics. 186,376–7; Dec. 11.
Holder, A. R., Abilene, Tex. Jelly soap. 182,971; Oct. 16.
Holding Committee for Educational and Philanthropic Work, The, St. Louis, Mo. Monthly magazine. 161,315; May 1.
Holland Canning Company, Holland, Mich. Canned fruits and vegetables. 171,917; July 3.
Holland Food Corporation, New York, N. Y. Potato starch, buckwheat flour, rice flour, and rices. 167,616; Mar. 20.
Holland Food Corporation, New York, N. Y. Cheese. 167,617; Mar. 20.
Holland Furnace Company, Holland, Mich. Magazine published monthly. 181,024; Sept. 11.
Holland, Joshua, doing business as Holland Pharmaceutical Company, Chicago, Ill. Sore-throat remedy. 179,407; Aug. 14.
Holland Knitting Co., Brooklyn, N. Y. Men's fashioned ties made of knitted silk. 182,586; Sept. 4.
Holland O'Neal Milling Co., Mount Vernon and Springfield, Mo. Wheat flour. 175,102; June 5.
Holland Specialty Company, Peoria, Ill. Preparation for cleaning artificial dentures. 174,647; July 24.
Hollander, Isadore, doing business as Hollander Chemical Works, Bayonne, N. J. Insecticides. 178,388; July 17.
Hollander, Joseph, Inc., Newark, N. J. Dyed animal skins. 166,741; Apr. 10.
Hollander-Lewis Co., Inc., Pittsburgh, Pa. Men's trousers. 174,447; Aug. 21.
Hollbach, John, Company, Paterson, N. J. Woven mesh fabrics. 176,628; June 12.
Hollbach, John, Company, Paterson, N. J. Corsets, brassières, bust supporters, etc. 181,025; Nov. 20.
Hollins, William, & Company, Limited, London and Mansfield, England. Cloth made of wool and cotton 146,509; Feb. 27.
Hollins, William, & Co. Ltd., London and Mansfield, England. Negligee shirts, collars, pyjamas, etc. 161,005; Sept. 18.
Hollins, William, & Co., Inc., New York, N. Y. Cotton piece goods. 170,193; Jan. 30.
Hollis, Paul S., doing business as Big State Co., Fort Worth, Tex. Nonalcoholic maltless beverage powder used for making soft drinks. 172,380; July 24.
Holliston Mills Inc., The, Norwood, Mass. Book lacquer, varnishes, lacquers, and automobile top dressings. 185,081; Dec. 25.
Holm, J. Henry, doing business as Calcorganic Laboratories, Chicago, Ill. Medicinal compound to be dispensed for promoting calcification. 171,539; Apr. 10.
Holmes, Mrs. A. G., & Co., The. (See Holmes, Henry G.)
Holmes, Henry G., doing business as The Mrs. A. G. Holmes & Co., Corsicana, Tex. Yeast. 165,497; Mar. 27.
Holmquist, Peter C., doing business as Holmquist & Co., Chicago, Ill. Woodenware. 151,760; Feb. 27.
Holophane Glass Company, New York, N. Y. Glass globes and reflectors for artificial light. 182,813–4; Dec. 4.
Holstein-Friesian Association of America, Chicago, Ill. Milk, cream, buttermilk, butter, and cheese. 183,973; Dec. 18.
Holstein, Harvey, Inc., Wilmington, Del. Canned fruits and vegetables, condiments, rice, etc. 166,369; Sept 11.
Holstein Rubber Company, The, Hartford, Conn. Single and double faced rubber sheeting. 168,681; Feb. 20.
Holt & Company, New York, N. Y. Wheat flour. 115,504; Dec. 11.
Holt, H. L., doing business as The Hepsall Company, Ogamaw, Ark. Preparation for use in the treatment of the hair. 173,285; Mar. 27.
Holt, Josephine L., Portland, Oreg. Corsets. 138,091; Sept. 25.
Holt Manufacturing Co., Paterson, N. J. Terry toweling. 184,499; Oct. 23.
Holt Manufacturing Company, The, Stockton, Calif. Tractors, traction engines, harvesters, etc. 173,234; Mar. 6.
Holt Manufacturing Company, The, Stockton, Calif. Harvesters, thrashers, and combined harvesters and thrashers. 182,213; Sept. 11.
Holtite Manufacturing Company, Baltimore, Md. Rubber heels for shoes. 178,844; Aug. 28.
Holtite Manufacturing Company, Baltimore, Md. Rubber heels for shoes. 178,845; Nov. 13.
Holtz, Louis, and Sons, Inc., Rochester, N. Y. Dress coats, overcoats, and topcoats. 175,243; June 26.
Holway, Sadie, doing business as Columbia Ave. Beauty Parlor, Philadelphia, Pa. Face powders and creams, perfumes, rouges, etc. 177,299; June 12.
Holyoke Company, The, Holyoke, Mass. Wires for millinery and personal use and straw braids. 132,740; May 22.
Holzman, Samuel, doing business as Tsout Remedy Co., New York, N. Y. Remedy for corns, calluses, and warts. 170,818; Apr. 3.
Homberg, Rudolph F., Boston, Mass. Women's and children's blouses, skirts, dresses, bloomers, and knickers. 168,970; Jan. 9.
Hom-Pyrrho Co., San Francisco, Calif. Mouth wash and a remedy for pyorrhea. 174,626; Apr. 24.
Home Bakery. (See Huck, George W.)
Home Foods Service Company Incorporated, Denver, Colo. Breakfast cereal foods. 167,084; July 31.
Home Lighting Equipment Corporation, New York, N. Y. Portable electric lamps, parts thereof, etc. 175,792; July 10.
Home Products Inc., Rahway, N. J. Carbon-tetrachloride cleansing preparation. 165,952; Jan. 30.
Homo Phone Co., The. (See Miller, Howard A.)
Honey Products Co., Tustin, Calif. Peanut jam. 173,769; Apr. 24.
Honeywell Heating Specialties Company, The, Wabash, Ind. Temperature and draft regulating and controlling instruments. 175,395; Sept. 11.
Honeywell Heating Specialties Company, Wabash, Ind. Fluid-pressure regulating and controlling instruments. 175,396; Sept. 18.
Hood, H. P., & Sons, Inc., Boston, Mass. Butter, dried beans, bread, etc. 146,213; Dec. 11.
Hood, H. P., & Sons, Inc., Boston, Mass. Butter, dried beans, bread, buttermilk, etc. 146,216; Apr. 3.
Hood, H. P., & Sons, Inc., Boston, Mass. Coated frozen confections. 159,360; Apr. 17.
Hood River Apple Vinegar Co., also doing business as Mountain Maid Products Company, Hood River, Oreg. Apple vinegar, canned pork and beans, canned soup, canned chile con carne, and canned mincemeat. 147,960; May 8.
Hood River Apple Vinegar Co., Hood River, Oreg. Fruit pectin. 183,213; Sept. 18.
Hood River Canning Co., Hood River, Oreg. Canned cherries. 172,093; Apr. 10.
Hood River Spray Company, Hood River, Oreg. Insecticide. 183,832; Nov. 20.
Hood Rubber Company, Watertown, Mass. Rubber vehicle tires and tubes. 169,674; Mar. 20.
Hood Rubber Company, Watertown, Mass. Batteries and parts thereof. 174,577; Mar. 27.
Hood Rubber Company, Watertown, Mass. Rubber boots and shoes. 175,145; June 26.
Hood Rubber Company, Watertown, Mass. Rubber boots and shoes, rubber overshoes, and rubber-soled canvas shoes. 176,344; Apr. 24.
Hood Rubber Company, Watertown, Mass. Rubber boots, shoes, overshoes, etc. 179,040; Sept. 11.
Hood Rubber Company, Watertown, Mass. Rubber boots, shoes, and overshoes, rubber-soled canvas shoes. 179,470; Aug. 14.
Hoody Peanut Butter Co. (See Townsend, Glenn Q.)
Hooker Electrochemical Company, Niagara Falls, N. Y. Caustic soda, granulated lye, and chlorinated lime. 169,903; Apr. 24.
Hooker, Grace B., East Providence, R. I. Candy. 174,778; June 19.
Hooper, Wm. E., & Sons Co., Woodberry, Baltimore, Md. Cotton rope, sash cord, seine twines, etc. 168,151; May 8.
Hooper, Wm. E., & Sons Co., Woodberry, Md. Woven belting, hose-valve packing, etc. 168,152; May 29.
Hoos, Bernard J., Baltimore, Md. Ash trays. 186,475; Dec. 4.
Hoosier Cleanser Mfg. Co. (See Buczkowski, John J.)
Hoosier Manufacturing Co., The, Indianapolis, Ind. Soap compounds. 179,371; June 12
Hooton Cocoa Company, Newark, N. J. Cocoa and chocolate. 182,587; Sept. 11.
Hooven & Allison Company, The, Xenia, Ohio. Cordage. 154,515; Apr. 3.
Hooven & Allison Company, The, Xenia, Ohio. Java hemp-fiber rope. 159,868; Oct. 16.
Hooven, Owens, Rentschler Company, The, Hamilton, Ohio. Piston rings. 173,356; June 5.
Hoover Company, The. (See Hoover Suction Sweeper Company.)
Hoover Company, The, North Canton, Ohio. Electric suction sweepers. 175,244; Aug. 7.
Hoover Company, The, North Canton, Ohio. Electric suction sweepers. 175,245; May 8.
Hoover Suction Sweeper Company, The, assignor to The Hoover Company, North Canton, Ohio. Electric suction sweepers. 172,594; Mar. 27.

Hooz, Joseph, doing business as Buffalo Paper & Post Card Co., Philadelphia, Pa. Cover and writing paper, envelopes, and wrapping paper. 179,868; June 19.
Hopke, John E., Brooklyn, N. Y. Massage cream. 171,169; Mar. 27.
Hopkins, J. L., & Co., New York, N. Y. Insecticide. 172,381; May 1.
Hopkins, Nevil M., New York, N. Y. Dentifrices. 174,207; June 19.
Hoppe, Emil, Elizabeth, N. J. Carrousels. 181,945; Aug. 21.
Hopper, Thompson C., Gest, Ky. Preparation for use as a breakfast cereal and in cooked foods. 180,863; Sept. 25.
Horlick's Malted Milk Company, Racine, Wis. Malted milk. 181,526; Oct. 16.
Horlick's Malted Milk Company, Racine, Wis. Powdered extracts of grains used as a milk modifier. 182,417. Nov. 6.
Horn, A. C., Company, New York, N. Y. Ready-mixed paint for plastered walls, brick or concrete surface, wood and metal trim. 176,738; May 1.
Horne Manufacturing Co., Jersey City, N. J. Radio receiving sets and parts thereof. 164,317; May 29.
Horner, Mary B., doing business as H. & H. Products Company, Atlanta, Ga. Shampoo cream. 178,613; July 17.
Hornsby, Pauline K., Chicago, Ill. Deodorants. 157,923; Apr. 3.
Hornung, Ernest W., doing business as The Hubbell Manufacturing Co., Cleveland, Ohio. Glass curtain lights and frames for automobiles. 169,904; July 17.
Horrocks-Ibbotson Co., Utica, N. Y. Fishing flies and artificial bait. 173,601; May 15.
Horst, Amos L., New York, N. Y. Hosiery. 176,547; July 17.
Horst, Frederick F., doing business as Northwest Chemical Co., Bellingham, Wash. Washing tablets, washing compounds, windshield cloths, and chemically-treated polishing cloths. 163,167; Jan. 30.
Horstmann, Wm. H., Company, Philadelphia, Pa. Yarn. 172,475; Apr. 3.
Horstmann, Wm. H., Company, Philadelphia, Pa. Yarn. 176,999; Apr. 17.
Horton, Clara E., Niagara Falls, N. Y. Athletic girdles. 166,691; Jan. 2.
Horton Studios, Inc., Cleveland, Ohio. Toys and novelties. 157,034; Feb. 20.
Horwood, E. H., & Co., Hoboken, N. J., and New York, N. Y. Children's slips. 171,994; Nov. 13.
Horwood, E. H., & Co., Hoboken, N. J., and New York, N. Y. Underwaist union suits. 171,996; Nov. 13.
Hosch Brothers Company, Gainesville, Ga. Ginghams, chambray, cheviots, etc., in the piece. 170,194; Feb. 13.
Hospital Specialty Co., The, Cleveland, Ohio. Sanitary napkins. 183,833; Oct. 16.
Hostetter, David B., doing business as Can Vas Bak Products Co., Indianapolis, Ind. Waterproofing, softening, and preserving preparation for leather. 185,251; Nov. 20.
Hot Point Oil & Supply Company, Harrisburg, Pa. Lubricating oils and greases. 184,854; Nov. 27.
Hottel, Frank C., doing business as Vapolyptus Co., Portland, Oreg. Antiseptic oil. 165,682; Feb. 20.
Houbigant, Inc., New York, N. Y. Toilet creams. 175,493; May 15.
Houbigant, Inc., New York, N. Y. Perfume, toilet water, face powder, etc. 176,025; Aug. 14.
Houbigant, Inc., New York, N. Y. Perfume, toilet water, face, talcum, and sachet powders, face cream, etc. 177,379; July 10.
Houbigant, Inc., New York, N. Y. Perfume, toilet water, face and talcum powders, etc. 184,910–11; Dec. 18.
Houbigant, Inc., New York, N. Y. Perfume, toilet water, face powder, sachet, etc. 185,459–63; Dec. 11.
Houbigant, Inc., New York, N. Y. Perfume, toilet water, face and talcum powders, etc. 187,257; Dec. 25.
Houdaille Company, The, New York, N. Y. Automobile shock absorber. 161,625–6; Oct. 23.
House, Howard G., doing business as Sta-Put Mfg. Company, and formerly doing busines as Sta Put Patch Co., Toledo, Ohio. Tire-repair compounds, adhesives, reenforcements, etc. 186,232; Nov. 20.
House of Byer, The, Malden, Mass. Waists and hosiery. 168,614; May 1.
House of Kuppenheimer, The. (See Kuppenheimer, B., & Co.)
Houston Chronicle Publishing Company, The, Houston, Tex. Want-add directory, a daily publication forming a section of a newspaper. 169,676; Feb. 27.
Houtain, Elsie D., Brooklyn, N. Y. Magazine published monthly. 179,869; June 26.
Houze, L. J., Convex Glass Company, Point Marion, Pa. Sheet glass. 181,397; July 24.
Houze, L. J., Convex Glass Company, Point Marion, Pa. Sheet glass. 181,398; July 31.
How To Make Money Publishing Co. (See Farley, Vincent, J.)
Howard Hose and Garter Mfg. Co., Los Angeles, Calif. Hosiery and garters. 175,557; July 10.
Howard Iron Works, Buffalo, N. Y. Expansion joints for pipe lines. 186,233; Dec. 11.
Howard Stove & Furnace Co., Ralston, Nebr. Heating furnaces. 180,603; July 24.
Howdy Bottling Works. (See Goodale, Robert W.)
Howdy Company, The, St. Louis, Mo. Grape-flavored concentrate. 180,183; June 19.
Howe Chain Company, Muskegon, Mich. Drive chains. 183,834; Oct. 16.
Howe, Donald W., Rochester, N. Y. Mayonnaise, sweet whip or creme topping for desserts, salads, etc. 161,362; May 29.
Howell, William J., Allentown, Pa. Chemical preparations used for deodorizing and disinfecting. 185,252; Nov. 27.
Hower, Harry C., Chicago, Ill. Pneumatic tires and tubes. 169,854; Nov. 13.
Howland, Louis A., Hollywood, Calif. Photographic reproductions. 177,847; May 22.
Howlett & Hockmeyer Co., Inc., New York, N. Y. Corduroys, velveteens, and cotton piece goods. 184,855; Nov. 20.
Howse, Mead & Sons, Lt., London, England. Serges in the piece. 178,722; June 5.
Hoy, F. P. Inc., New York, N. Y. Corsets. 169,972; May 29.
Hoy, Howard H., Candy Co., Chicago, Ill. Candy. 162,738; Jan. 16.
Hoy, T. P., Inc., New York, N. Y. Corsets. 182,307; Sept. 25.
Hoye, Daniel J., Detroit, Mich. Insulating separator for electrical conductors. 183,653; Oct. 9.
Hoyme, Christopher R., New York, N. Y. Bath robe which may be used also as a towel. 166,505–6; Feb. 13.
Hoyt Apothecaries Co. (See Donahue, Henry M.)
Hoyt, F. M., doing business as F. M. Hoyt & Co., Amesbury, Mass. Salted peanuts and peanut butter. 171,320; July 3.
Hrejsa, Joseph F., Chicago, Ill. Laxative preparations. 177,972; July 17.
Hub Hosiery Mills, Boston, Mass. Infants' hose. 179,730; July 24.
Hubbell Manufacturing Co., The. (See Hornung, Ernest W.)
Hubble, James G., assignor to Pinene Chemical Company, Incorporated, New Orleans, La. Preparation of oil of pine. 181,121; Nov. 13.
Hubbs & Corning Company, Baltimore, Md. Paper bags. 171,845; Feb. 27.
Huber, Rudolfo, Nashville, Tenn. Automobile lock. 160,287; June 19.
Huber, Rudolfo, Nashville, Tenn. Pocket calculating machines. 160,288; Aug. 21.
Huck, George W., doing business as Home Bakery, Crystal City, Mo. Bread. 167,392; Jan. 9.
Hudnall, Frank P., Manchester, Ohio. Toilet packages for containing tooth brush, paste, and powder. 172,045; Apr. 3.
Hudnut, Richard, New York, N. Y. Cleansing and vanishing creams, face powders, etc. 171,171; Feb. 13.
Hudnut, Richard, New York, N. Y. Compact powders and rouge. 171,461–2; Mar. 27.
Hudnut, Richard, New York, N. Y. Soap. 183,880; Nov. 20.
Hudnut, Richard, New York, N. Y. Talcum, face powder, bath salts, sachet, etc. 185,969; Dec. 18.
Hudnut, Richard, New York, N. Y. Sachet, tooth powder, cold cream, etc. 186,188–91; Dec. 1.
Hudson Bay Fur Company. (See Kosofsky, Aaron.)
Hudson, J. L., Company, The, Detroit, Mich. Shoes made of leather, fabric, and combinations thereof. 167,917; June 12.
Hudson, J. L., Co., The, Detroit, Mich. Men's and young men's outer clothing—viz, suits. 171,846; July 17.
Hudson, J. L., Co., The, Detroit, Mich. Ladies' and misses' dresses. 180,121; Aug. 28.
Hudson Manufacturing Company, Chicago, Ill. Flavoring extracts for food. 165,493; July 3.
Hudson Manufacturing Company, The, Minneapolis, Minn. Sprayers and parts thereof. 186,999; Dec. 4.
Hudson Manufacturing Company, The, Minneapolis, Minn. Sprayers and parts thereof. 187,001; Dec. 4.
Hudson Manufacturing Company, The, Minneapolis, Minn. Sprayers and parts thereof. 187,003; Dec. 4.
Hudson Motor Specialties Company, Philadelphia and Frankford, Pa. Transmission or crank casing parts. 158,677; July 3.
Hudson Pharmacal Co. Incorporated, Union Hill, N. J. Pharmaceutical preparation for nervous disorders and exhaustion, fatigue, etc. 172,676; Mar. 6.
Huebner, Arthur F., Bay City, Mich. Shirts, drawers, and union suits, hosiery, etc. 174,079; Aug. 7.
Huebner, Arthur F., Bay City, Mich. Knit goods in the piece. 176,345; Dec. 25.
Huessy & Co., Ltd., Safenwil, Switzerland. Cotton piece goods and handkerchiefs. 163,982; May 8.
Huey & Mathews, Inc., Pittsburgh, Pa. Coffee, tea, bread, pastry flour, marshmallow creme, and salad dressing. 170,019; June 5.
Huff, Barnes & Opie, Inc., Pittsburgh, Pa. Wrapping paper. 174,520; June 5.
Huff, John S., doing business as The Kleans-It Manufacturing Co., New Brighton, Pa. Chemical preparation for cleaning closet bowls. 178,846; Aug. 14.

Alphabetical list of trade-mark applicants—Continued.

Huffman, William G., jr., Greenville, Tex. Laxative. 177,741; Aug. 14.
Hugg'me Company, New York, N. Y. Face powder. 170,453; Apr. 17.
Hughes & Bradley Co., Philadelphia, Pa. Woven silk undergarments. 175,450; Oct. 2.
Hughes, Clement L., doing business as Wisco Co., Canton and Peoria, Ill. Medicine for the treatment of leucorrhea, ulcerations of the womb, etc. 178,041; Aug. 28.
Hughes and Hancock, Milford Haven, Pembrokeshire, Wales. Solution, composition, or mixture for the removal or prevention of incrustation or corrosion in steam generators, etc. 178,667; Nov. 20.
Hughes, Henry L., Co. Inc., New York, N. Y. Nail polish. 173,497; Apr. 24.
Hughes, Herbert E., Cincinnati, Ohio. Collection of motto cards. 177,127; June 12.
Hughes, Raleigh J., Greensboro, N. C. Building plans and designs. 181,992; Oct. 2.
Hughes, William S., doing business as The Pre Ven Shun Laboratories, Kansas City, Mo. Prophylactic ointment. 170,885; Feb. 13.
Hugo, John, Manufacturing Company, The, New Haven, Conn. Toy banks. 163,519; Jan. 30.
Hulburt, H. L., doing business as Jely-Rite Fruit Company, San Jose, Calif. Concentrated fruit pectin, fruit preserves, jellies, jams, etc., containing added pectin. 169,249; June 26.
Hulburt, H. L., doing business as California Jely-Juce Company, San Jose and Santa Clara, Calif. Fruit or berry juice to make jelly. 173,648; June 5.
Hulman & Co., Terre Haute, Ind. Spices, peanut butter, honey, etc. 170,819; Sept. 18.
Hulman & Co., Terre Haute, Ind. Spices, bay leaves, cassia, cinnamon, etc. 170,919; Aug. 7.
Hulse, Abram C., jr., New York, N. Y. Hosiery. 174,080; June 5.
Human Hand Cake Beater Co. (See Swope, John A., jr.)
Humber Limited, Coventry, England. Cycles. 154,512; Jan. 30.
Humber Limited, Coventry, England. Bicycles, tricycles, motor cycles, motor trucks, passenger automobiles. 154,513; Apr. 24.
Humberstone, C. C., doing business as Monarch Packing & Supply Co., Chicago, Ill. Compressed asbestos-fiber sheet packing. 180,122; July 31.
Humbird Canning Co., Humbird, Wis. Canned berries and vegetables. 179,535; Nov. 27.
Humble Oil & Refining Company, Houston, Tex. Cylinder oil, locomotive cylinder oil, marine cylinder oil, etc. 169,593; Jan. 2.
Humble Oil & Refining Company, Houston, Tex. Cylinder oil, locomotive cylinder oil, marine cylinder oil, etc. 169,594; Jan. 9.
Hume, John S., doing business as Del Norte Commercial Co., Seattle, Wash. Canned fish, fruits, and vegetables. 179,941; Sept. 25.
Humil Corporation, The, New York, N. Y. Electric heating apparatus for heating rivets, slugs, etc. 181,190; Aug. 21.
Humphrey Elevator Co., Faribault, Minn. Elevators. 182,815; Sept. 25.
Hungarian Rubber Goods Factory Limited, Budapest, Hungary. Tires for cycles, motor cars, and other vehicles. 172,332; May 1.
Hunger and Hunger, Sacramento, Calif. Clothes hangers. 156,688; Apr. 3.
Hungerford, U. T., Brass & Copper Co., New York, N. Y. Babbitt metal. 178,390; May 15.
Hunt Brothers Packing Company, San Francisco, Calif. Canned fruits, vegetables, and fish, and dried fruits. 187,058; Dec. 25.
Hunt Brothers Packing Company, San Francisco, Calif. Canned fruits. 187,463; Dec. 18.
Hunt, C. Howard, Pen Company, Camden, N. J. Pens. 176,128; May 1.
Hunt, Hatch & Co., Oakland, Calif. Fresh fruit and fresh asparagus. 165,137; Oct. 9.
Hunt, William B., M. D., New York, N. Y. Oxygenated tablet used in the treatment of pulmonary diseases. 166,230; Jan. 16.
Hunter Dry Kiln Company, The, Indianapolis, Ind. Dry kilns. 175,354; July 17.
Hunter, H. B., Co. Inc., Norfolk, Va. Specially-prepared food preparations. 166,885; Feb. 20.
Hunter, H. Blount, doing business as The Chocolishus Company, Norfolk, Va. Food preparations, of chocolate, milk, and sugar, etc. 165,444; Mar. 20.
Hunter, H. Blount, doing business as The Choc-o-Vita Company, Norfolk, Va. Food product composed of chocolate, cocoa, sugar, and milk. 179,304; Dec. 4.
Hunter Manufacturing & Commission Co., New York, N. Y. Cotton piece goods. 175,314; Apr. 24.
Hunter Mfg. & Commission Co., New York, N. Y. Cotton piece goods. 177,782; May 15.
Hunter, R. William, doing business as National Chemical Company, Detroit, Mich. Cold cream, vanishing cream, bleaching cream, hair grower, and corn remedy. 167,520; Mar. 20.
Hunter, W. N., and Co., Hot Springs, S. Dak. Ointment for treating eczema, salt rheum, etc. 177,128; June 12.
Huntingdon Manufacturing Company. (See Marshall, Edward E.)
Huntington Laboratories, Inc., Huntington, Ind. Liquid soap. 184,732–3; Oct. 16.
Huntington Rubber Mills, Portland, Oreg. Buttons not of precious metals. 171,920; Jan. 30.
Hunt-Rankin Leather Co., Boston, Mass. Leathers. 174,450; May 29.
Hupfel, Adolph G., jr., New York, N. Y. Mushroom paste. 172,382; May 22.
Hupp Products Company, The, Columbus, Ohio. Rubber composition floor covering. 175,196; Apr. 10.
Hurley Shoe Co., Rockland, Mass. Shoes. 168,844. Apr. 24.
Hurley Shoe Co., Rockland, Mass. Shoes. 175,355; May 22.
Hurley Shoe Co., Rockland, Mass. Shoes. 181,487; Nov. 13.
Hursh, Wm. T., & Conn, Mansfield, Ohio. Vegetable compound and system blood purifier. 176,185; July 10.
Hurst, Adolphe, & Company, Inc., New York, N. Y. Shellac, shellac gums, varnishes, etc. 161,777; Mar. 20.
Hurst-Boillin Co., Clarksville, Tenn. Patent winter-wheat flour. 174,395; Dec. 18.
Hurst, John E., & Co. Incorporated, Baltimore, Md. Hosiery, knitted underwear, gloves, mittens, gauntlets. 173,327; May 29.
Hurtado, Pablo, doing business as Hurtado Lemonol Co., Toledo, Ohio. Powdered preparation for making of soft drinks. 185,124; Oct. 9.
Hurty-Peck & Co., Indianapolis, Ind. Beverage sold as a soft drink and sirups for making the same. 174,011; Apr. 10.
Hurwitz, Mitchell A., Jamaica, N. Y. Extract of malt for food purposes. 170,777; Mar. 27.
Huss, Anna, Menlo Park, Calif. Cheese. 163,873; Mar. 20.
Hussey, John M., doing business as Mo-Ka Company, Wichita, Kans. Beverage sold as a soft drink. 169,905; Jan. 2.
Huston, T. A., & Co., Portland, Me. Bakery products, specifically cookies and confectionery. 171,696; May 8.
Hutchins Car Roofing Company, Detroit, Mich. Railroad-car roof. 177,669; June 12.
Hutchinson Manufacturing Co., Inc., Norristown, Pa. Combination wood-working machines. 172,094; Apr. 10.
Hutchinson Manufacturing Co., Inc., Norristown, Pa. Combination woodworking machines. 183,835; Oct. 30.
Hutchison Thrift Corporation, New York, N. Y. Canned cherries. 169,059; May 8.
Hutmacher Braiding Company, The, Paterson, N. J. Shoe and corset laces. 156,789; Apr. 24.
Hutt & Wasserman, Inc., New York, N. Y. Men's hats. 172,837; Apr. 24.
Hutt & Wasserman Inc., New York, N. Y. Men's hats. 176,418; June 12.
Hutton, Asbury B., Philipsburg, Pa. Grease compound for lubricating purposes. 180,009; July 10.
Hutzler Brothers Co., Baltimore, Md. Shoes. 177,848; Aug. 28.
Huylers, New York, N. Y. Candy, cocoa, chocolate, etc. 135,754; Mar. 27.
Huyler's, New York, N. Y. Candy. 171,172; July 17.
Huyler's, New York, N. Y. Candy. 175,657; June 26.
Hyatt, Thaddeus P., New York, N. Y. Toothbrushes. 169,400; Aug. 28.
Hyde, Geo. E., & Co. Inc., Campbell, Calif. Canned fruits. 168,413; Apr. 24.
Hyde, Pierre C., doing business as The Hyde Drug Company, Massena, N. Y. Tonic and system renovator. 181,893; Nov. 6.
Hydraulic Brake Company, Los Angeles, Calif., and Detroit, Mich. Vehicle brakes. 184,941; Dec. 25.
Hydro Governor Co., The, Sandy Hook, Conn. Engine governors. 161,882; Aug. 28.
Hydrox Corporation, Wilmington, Del. Ice cream. 177,783; July 24.
Hygeia Antiseptic Tooth Pick Co. (See Herz, Alexander.)
Hygeia Nursing Bottle Co. Inc., The, Buffalo, N. Y. Healing ointment. 160,808; Jan. 23.
Hygienic Coffee Co. (See Gund, George.)
Hygienic Fibre Company, Versailles, Conn., and New York, N. Y. Absorbent cotton and gauze, absorbent waste, bandage rolls, etc. 177,784; May 15.
Hygienic Laboratories, Chicago, Il. Shampoo. 173,931; Apr. 10.
Hygienic Laboratories, Chicago, Ill. Hair tonics. 173,932; Apr. 10.
Hygienic Manufacturing Company, Chicago, Ill. Soaps. 181,400; Oct. 16.
Hygrade Provision Co., Inc., Brooklyn, N. Y. Meat products. 138,568; Apr. 10.
Hyland, George H., doing business as Standard Homeopathic Company, Los Angeles, Calif. Remedy for cold in head, grippe, influenza, etc. 172,595; May 29.
Hyman, Henry, & Co. Inc., New York, N. Y. Dials for electrical instruments and appliances. 169,855; Feb. 6.
Hyman, L., & Sons, New York, N. Y. Paper. 167,127; Feb. 13.
Hyman & Oppenheim, New York, N. Y. Hair goods. 167,301; Feb. 13.

Hyman & Oppenheim, New York, N. Y. Raw hair and prepared hair stock. 170,293; Feb. 20.
Hyman & Oppenheim, New York, N. Y. Hair goods—namely, transformations and pompadours. 173,286–7; Mar. 13.
Hymer, Ralph N., doing business as Hymer's Hair Tonic Co., Salem, Oreg. Medicines for treatment of dandruff and eczema. 180,701; Aug. 21.
Hy-Pure Laboratories, Cincinnati, Ohio. Powdered alum, boric acid, powdered borax, camphorated oil, etc. 183,115; Nov. 13.
I. C. Candy Co., Brooklyn, N. Y. Candies. 186,791; Dec. 11.
I. C. Refrigeration Co., New York, N. Y. Automobile and refrigeration trucks, and refrigeration railroad cars. 180,476; Aug. 14.
I. C. Refrigeration Co., New York, N. Y. Refrigeration cabinets. 180,477; July 17.
I. & Y. Cigar Company. (See Yereshefsky, Isidore.)
Ibbotson Brothers & Co. Limited, Sheffield, England. Pig iron, cast iron, steel, high-speed steel, etc. 166,771; Feb. 13.
Ibbotson Brothers & Co., Limited, Sheffield, England. Steam, locomotive, and traction engines, cranes, etc. 166,772; Feb. 20.
Ica, Aktiengesellschaft, Dresden, Germany. Photographic lenses. 181,075; Dec. 4.
Ice Poles, Inc., Boston, Mass. Iced confections. 164,760; Oct. 2.
Icy-Hot Bottle Company, Cincinnati, Ohio. Bottles, jars, carafes, jugs, etc. 167,636; Oct. 9.
Icy-Hot Bottle Company, The, Cincinnati, Ohio. Plates, cups, jugs, and dishes. 167,637; Oct. 9.
Icy Hunni Co., Milwaukee, Wis. Ice cream or other frozen dainties. 173,706; June 26.
Ida Starter Limited, London, England. Compressed-air self-starters for internal-combustion engines. 171,128; May 1.
Idaho Evaporating Co., Meridian, Idaho. Fresh deciduous fruits and fresh vegetables. 169,761; May 1.
Idaho Producers' Union, Caldwell, Idaho. Fresh vegetables, citrous fruits, grapes, and melons. 170,685; May 29.
Ide, Geo. P., & Co., Inc., Troy, N. Y. Collars for shirts. 174,012; July 10.
Ide, George P., & Company, Inc., Troy, N. Y. Outer dress shirts. 166,831; Dec. 4.
Ide, George P., & Company, Inc., Troy, N. Y. Outer dress shirts. 166,832; Nov. 27.
Ideal Caramel Company, Inc., Johnson, N. Y. Candy, candy confections, sweetmeats, chewing gum. 172,225–6; Aug. 28.
Ideal Caramel Company, Inc., Johnson, N. Y. Candies, candy confections, sweetmeats, and chewing gum. 177,227; Sept. 4.
Ideal Clamp Mfg. Co. Inc., Brooklyn, N. Y. Hose clamps and parts thereof. 171,322; Jan. 30.
Ideal Coated Paper Company, assignor to McLaurin-Jones Co., Brookfield, Mass. Gummed paper. 130,477; June 19.
Ideal Coated Paper Company, Brookfield, Mass. Gummed paper and cloth. 149,704; Mar. 6.
Ideal Cocoa & Chocolate Co., Lititz, Pa., and New York, N. Y. Chocolate coating. 174,740; May 8.
Ideal Cocoa & Chocolate Co., Lititz, Pa., and New York, N. Y. Chocolate coating. 174,741; May 29.
Ideal Cocoa & Chocolate Co., Lititz, Pa., and New York, N. Y. Chocolate coating. 174,780; May 8.
Ideal Cocoa & Chocolate Co., Lititz, Pa., and New York, N. Y. Chocolate coating. 174,781–2; May 29.
Ideal Cocoa & Chocolate Co., Lititz, Pa., and New York, N. Y. Chocolate. 174,783; May 29.
Ideal Cocoa & Chocolate Co., Lititz, Pa., and New York, N. Y. Chocolate. 176,129; May 22.
Ideal Novelty & Toy Co., Brooklyn, N. Y. Dolls. 183,524; Sept. 11.
Ideal Roller & Manufacturing Co. Inc., Chicago, Ill. Rollers for printing presses, lithographic presses, etc. 172,678; Apr. 3.
Ideal Tire and Rubber Company, The, Cleveland, Ohio. Vehicle tires, inner tubes, tire casings and shoes, and repair parts. 155,968; Apr. 17.
Ideal Tire and Rubber Company, The, Cleveland, Ohio. Vehicle tires, inner tubes, etc. 167,817; Mar. 27.
Ideal Tire and Rubber Company, The, Cleveland, Ohio. Vehicle tires of rubber and rubber and fabric, inner tubes, tire casings and shoes, etc. 169,401; Jan. 30.
Idolite Hosiery Mills, Inc., New York, N. Y. Hosiery. 171,218; May 15.
I-EZ Co., Brooklyn, N. Y. Eyewash. 170,433; Mar. 20.
Igelfors Bruks Aktiebolag, Stockholm, Sweden. Scythes and sickles. 172,275–6; Oct. 30.
Igoe, James T., Chicago, Ill. Occasional publication. 175,721; May 22.
Illinois Canning Company, The, Hoopeston, Ill. Canned vegetables. 181,894; Sept. 25.
Illinois Canning Company, The, Hoopeston, Ill. Canned corn. 181,895; Sept. 25.
Illinois Electric Porcelain Company, Macomb, Ill. Insulators and knobs. 167,354; May 29.
Illinois Fruit Exchange, Centralia, Ill. Fresh fruits and vegetables. 167,641; Apr. 24.
Illinois Meat Company, Chicago, Ill. Meats, hams, bacon, lard, etc. 174,306; Sept. 18.
Illinois Medicine Co., Chicago, Ill. Cathartic medical compound. 168,313; May 1.
Illinois Powder Mfg. Co., St. Louis, Mo. Dynamite. 172,095; Apr. 10.
Illinois Watch Case Company, Elgin, Ill. Watchcases and watch movements. 183,706; Dec. 4.
Illinois Women's Athletic Club. Chicago, Ill. Monthly periodical. 171,321; Feb. 27.
Illustrated Daily News Publishing Co., Inc., Los Angeles, Calif. Title for comic newspaper strip. 187,162; Dec. 11.
Imlach, John S., Ottawa, Canada. Precision tools. 182,053; Oct. 2.
Imperial Candy Company, Seattle, Wash. Salted peanuts. 169,302; Oct. 30.
Imperial Distributing Co., Los Angeles, Calif. Cantaloupes, fresh fruits and vegetables. 164,916; Sept. 25.
Imperial Glass Company, Bellaire, Ohio. Ornamental and table glassware. 185,929; Dec. 4.
Imperial Hygienic Co., Suffern, N. Y. Tonic for the skin. 172,476; Feb. 27.
Imperial Ice and Development Company, Riverside, Calif. Ice. 182,418; Nov. 20.
Imperial Peanut & Coffee Company. (See George, Robert J.)
Imperial Tea Co. (See Bargreen, Samuel E.)
Imperial Trust for the Encouragement of Scientific and Industrial Research, The, London, England. Thermometers, pyrometers, compasses, etc. 163,983–4; Sept. 18.
Implement Age Company, The, Springfield, Ohio. Monthly publication devoted to the form-equipment industry. 177,000; May 22.
Import Drug Specialties Co., The, Cleveland, Ohio. Liquid cleaning compound for removing spots and cleaning all fine materials. 162,820; Aug. 7.
Import Drug Specialties Co., The, Cleveland, Ohio. Candy. 178,847; Aug. 14.
Import Drug Specialties Co., The, Cleveland, Ohio. Ointment for chest colds, head colds, influenza, etc. 178,848; Aug. 14.
Inabine Company, The, Corsicana, Tex. Liquid preparation for the treatment of kidney, bladder, and rheumatism troubles. 177,001; Oct. 9.
Independent Breweries Company, The, also doing business as Independent Products Company, St. Louis, Mo. Malt sirup for food purposes. 178,849; Aug. 21.
Independent Drug Company, Jacksonville, Fla. Medicinal preparations. 180,865; Sept. 11.
Independent Drug Company, Jacksonville, Fla. Water bottles, fountain syringes, etc. 181,279; July 17.
Independent Paper Mills, Inc., Brooklyn, N. Y. Paper towels and napkins. 174,141; Apr. 3.
Independent Paper Mills, Inc., Brooklyn, N. Y. Dispensing devices for paper towels, napkins, etc. 176,186; Apr. 3.
Independent School District of Newton, Newton, Iowa. High-school newspaper and annual. 173,833; May 8.
Independent Service Station Association, Los Angeles, Calif. Gasoline. 180,979; Sept. 4.
Inderrieden Canning Co., Chicago, Ill. Canned vegetables. 164,917; Feb. 13.
Index-Ray Mount Co. (See Kulik, Irving.)
Index Visible, Inc., New Haven, Conn. Card indexes, index cards, cases, cabinets, etc. 148,279; July 24.
India Tire and Rubber Company, The, Akron and Mogadore, Ohio. Pneumatic vehicle tires and inner tubes. 155,757; Mar. 13.
Indian Head Shoe Co., Marlboro, Mass. Misses' and children's leather shoes and leather soles for shoes. 164,502; Nov. 13.
Indian Queen Silk Co., Bangor, Pa. Hosiery. 169,303; Jan. 9.
Indian Refining Company Inc., New York, N. Y. Lubricating oils, greases, compounds, etc. 172,596; Apr. 10.
Indian River Products Company, The, Vero, Fla. Fresh grapefruit, oranges, tomatoes, etc. 149,508; Dec. 18.
Indian Star Chemical Co., Jericho, Ark. Face powder, hair straightener, liniment, etc. 175,356; July 24.
Indian Village Bakery, Detroit, Mich. Bread. 156,579; Sept. 25.
Indianapolis Abattoir Company, Indianapolis, Ind. Digester tankage used for stock feed. 162,013; Jan. 30.
Indianapolis Abattoir Company, Indianapolis, Ind. Hams, bacon, and sausage. 174,837; June 19.
Indianapolis Abattoir Company, Indianapolis, Ind. Hams, bacon, sausages, shoulders, etc. 176,629; July 31.
Indianapolis Abattoir Company, Indianapolis, Ind. Hams, shoulders, bacon, sausage, tongues, dried beef, jowls, butts, and lard. 177,380; July 3.
Indianapolis, Ind., Tent & Awning Company, Indianapolis, Ind. Clothing consisting of outing coats, trousers, vests, and suits. 169,595; Feb. 20.
Indianapolis Manufacturing Company, Indianapolis, Ind. Electric battery separators. 151,581; Sept. 4.
Indianapolis Saddlery Company, Indianapolis, Ind. Horse collars. 182,541; Nov. 20.
Indianapolis Tent & Awning Company, Indianapolis, Ind. Awnings and tarpaulins. 172,538; Apr. 3.
Indiaroot Company, Chicago, Ill. Hair tonic. 181,896; Sept. 25.

Alphabetical list of trade-mark applicants—Continued.

Indra Pearl Co., Inc., The, New York, N. Y. Pearls. 171,219; Jan. 2.
Industrial Chemical & Fertilizer Company, Brunswick, Ga. Potassium phosphate as well as general mixed fertilizers and highly-concentrated plant foods. 173,831; Feb. 13.
Industrial Engineering Research Co., New York, N. Y. Adhesive printed labels. 181,076; Sept. 25.
Industrial Molded Materials Company, North Tonawanda, N. Y., assignor to Durez Company, Inc. Molding compositions. 167,353; Aug. 28.
Industrial Oil Co. Inc., East Providence, R. I. Gasoline. 181,447; July 31.
Industrial Service Company, Lincoln, N. J. Automobile-actuated transmission appliance. 156,833; Feb. 6.
Inecto Incorporation, New York, N. Y. Face cream. 175,990; July 10.
Ingersoll Milling Machine Company, The, Rockford, Ill. Milling fixtures, cutters, and machines and milling-cutter grinders. 154,194; Mar. 27.
Ingersoll-Rand Company, Jersey City, N. J., and New York, N. Y. Hose composed of rubber and fabric. 180,933–4; July 31.
Ingersoll Redipoint Company, Inc., New York, N. Y. Pencils, pens, leads, and erasers. 174,451; June 26.
Ingersoll Redipoint Company, Inc., New York, N. Y. Pencils, pens, leads, and erasers. 174,452; May 22.
Ingersoll, Robt. H., & Bro., New York, N. Y., assignors, by mesne assignments, to Waterbury Clock Company. Watches and clocks. 158,476; Feb. 13.
Ingram, Frederick F., Company, Detroit, Mich. Rouge and face powders. 153,884; Feb. 13.
Ingram, Mrs. E. W., Peoria, Ill. Complexion cream. 183,654; Dec. 18.
Inland Engineering Company, Chicago, Ill. Manganese-steel castings. 178,042; June 12.
Inland Steel Company, Chicago, Ill. Copper-alloy steel. 169,856; Aug. 14.
Innovation Ingenuities Incorporated, New York, N. Y. Trunks, traveling bags, etc. 183,745; Dec. 25.
Innovation Specialties Co.. (See Booty, Philip C. P., assignor.)
Institut de Beaute Chastiglione. (See Bossard, Jean.)
Institute For Public Service, New York, N. Y. Periodical publications. 173,707; May 8.
Interlake Tissue Mills Co. Ltd., Merritton, Ontario, Canada. Toilet paper. 178,043; Aug. 14.
International Association of Machinists, doing business as Ad-Pep Printing and Publishing Co., Washington, D. C. Cartoons, advertising cartoons, and illustrations. 158,121; Apr. 24.
International Bank, Washington, D. C. Printed circulars, bulletins, digests, etc. 182,310; Sept. 11.
International Bedding Co. Inc., Baltimore, Md. Box springs. 164,049; May 15.
International Chemical Company of America, Wilmington, Del., and Washington, D. C. Insecticide spray. 177,129; June 26.
International Consolidated Chemical Corporation, Inc., doing business as Hi-Gypsy Co., New York, N. Y. Salve for the amelioration of soreness in fatigued human pedal extremities. 166,599; Feb. 13.
International Consolidated Chemical Corporation, Inc., doing business as Dae Health Laboratories, New York, N. Y. Medicinal preparation for intestinal disorders. 180,702; Aug. 7.
International Company, The, Baltimore, Md. Prepared, powdered, and skimmed milk for bakers' and confectioners' use. 159,319; Nov. 13.
International Company, The, Baltimore, Md. Food-flavoring extracts, mincemeat, cocoa, etc. 175,016; Nov. 13.
International Corset Company, Aurora, Ill. Combination corsets and brassières. 174,784; June 26.
International Corset Company, Aurora, Ill. Corsets, brassières, and combination corsets and brassières. 174,785; June 26.
International Dry Goods Co., Boston, Mass. Sweaters, union suits, shirts, etc. 182,753; Oct. 23.
International Dry Milk Co., Minneapolis, Minn. Powdered milk. 155,689–91; Apr. 24.
International Harvester Company, Chicago, Ill. Tractors and attachments and parts thereof. 173,649; Apr. 17.
International Harvester Company, Chicago, Ill. Binders, reapers, mowers, hayrakes, etc. 181,280; Dec. 4.
International Mfg. Co., Phillips, Me. Wooden toothpicks. 185,708; Nov. 6.
International Milling Company, Minneapolis, Minn. Stock and chicken feed. 176,408; Oct. 30.
International Milling Company, Minneapolis, Minn. Wheat flour. 178,044; Aug. 21.
International Motor Company, New York, N. Y. Motor busses. 152,425; May 22.
International Motor Company, New York, N. Y. Cushioned connections for use in vehicles. 168,416; May 22.
International Motor Company, New York, N. Y. Metal parts for cushioned connections in vehicles. 169,213; May 22.
International Postal Supply Company of New York, The, New York and Brooklyn, N. Y. Check-indorsing machine. 184,856; Nov. 27.
International Postal Supply Company of New York, The, New York and Brooklyn, N. Y. Check-indorsing ma- 184,858; Nov. 27.
International Rubber Co. of America, Anderson, Ind. Vehicle tires, including outer casings and inner tubes. 186,276; Dec. 4.
International Safety Razor Corp., Bloomfield, N. J. Razors and razor blades. 181,527; Oct. 30.
International Salt Company, Inc., New York, N. Y. Table salt. 181,947–8; Sept. 25.
International Shoe Company, St. Louis, Mo. Boots and shoes. 165,380; Feb. 20.
International Shoe Company, St. Louis, Mo. Leather shoes. 179,471; Aug. 14.
International Shoe Company, St. Louis, Mo. Men's shoes. 183,297; Nov. 27.
International Shoe Company, St. Louis, Mo. Men's shoes of leather. 183,298; Dec. 4.
International Shoe Company, doing business as Morse & Rogers, St. Louis, Mo., and New York, N. Y. Leather boots and shoes. 183,707; Nov. 27.
International Shoe Company, St. Louis, Mo. Women's shoes of leather. 184,970; Nov. 27.
International Silver Company, Meriden, Conn. Silver-plated flatware consisting of spoons, forks, ladles, etc. 171,272; Jan. 23.
International Silver Company, Meriden and Bridgeport, Conn. Silver-plated spoons. 181,834; Nov. 6.
International Standard Exporting Corporation, New York, N. Y. Garters, belts, suspenders, etc. 118,076; Dec. 4.
International Supply Company, Boston, Mass. Sliding casters. 171,697; Apr. 24.
International Toy Company, Limited, The, Montreal, Quebec, Canada. Toy horses. 171,997; Feb. 20.
International Trade Developer, Inc., Chicago, Ill. Bimonthly and annual publication. 176,187; Aug. 21.
International Western Electric Company, Incorporated, New York, N. Y. Title of a quarterly publication. 182,973; Oct. 2.
International Worsted Mills, Methuen, Mass., and New York, N. Y. Tropical worsteds in the piece. 174,786; June 12.
International Worsted Mills, Methuen, Mass., and New York, N. Y. Novelty worsted fabrics. 174,787; June 12.
International Worsted Mills, Methuen, Mass., and New York, N. Y. Textile fabrics. 183,214; Sept. 25.
Internationale Galalith-Gesellschaft Hoff & Co., Harburg, Germany. Casein for the production of artificial horn. 174,522; Aug. 21.
Interocean Holding Company, Chicago, Ill., and New York, N. Y. Electrically-heated sadirons, curling irons, percolators, etc. 170,387; Jan. 9.
Interocean Oil Company, The, New York, N. Y. Gasoline. 181,027; Aug. 28.
Interstate Corset Company, New York, N. Y. Corsets and brassières. 176,739; June 26.
Interstate Gasoline Co., Wichita Falls, Tex., and New York, N. Y. Petroleum products—namely, gasoline. 164,807; Jan. 9.
Inter-State Oil Company, Minneapolis, Minn. Lubricating oils and greases. 121,865; June 26.
Inter-State Oil Company, Kansas City, Kans. Lubricating oils and greases. 139,971; Oct. 2.
Interstate Paint & Supplies Co. Inc., Buffalo, N. Y. Roofing compounds known as roof preserves and composition roofing material. 172,838; May 22.
Interstate Petroleum Products Company, Marion, Ind. Gasoline, kerosene, lubricating oils and greases. 168,971; Jan. 2.
Interstate Shade Cloth Co., Hoboken, N. J. Shade cloth of sized and painted fabric. 184,613; Nov. 6.
Instituto Nazionale Medico Farmacologico, Rome, Italy. Preparation for hypodermic use. 171,848; Sept. 18.
Invader Oil & Refining Co., Muskogee, Okla. Crude oil, gasoline, gas and fuel oils, and kerosene. 141,524; Feb. 13.
Inwood Fruit Growers Club, Inwood, W. Va. Fresh apples. 172,333; Oct. 16.
Io Thyro Chocolate Company. (See Bach, James J.)
Iola Creamery Company, Iola, Kans. Butter. 171,759; Mar. 13.
Iowa City Canning Co., Iowa City, Iowa. Canned corn. 183,710; Nov. 13.
Iowa Fiber Box Company, Keokuk, Iowa. Fiber boxes. 176,475; Apr. 10.
Iowa Packing Co., Des Moines, Iowa. Smoked meats, dried beef, sausage, ham, bacon, lard, and butter. 160,290; May 1.
Iowana Gypsum Products Co., Fort Dodge, Iowa. Plaster. 154,603; Feb. 6.
Ipswich Mills, Boston, Mass. Hosiery. 172,334; Sept. 18.
Ireland Bros. Inc., New York, N. Y. Linen goods in the piece, handkerchiefs, and household goods manufactured from linen. 161,256; Oct. 23.
Irene, Madame, New York, N. Y. Brassières and women's underwear. 173,498; June 26.
Iron Clad Patch Laboratories Inc., New Orleans, La. Adhesive patches for automobile tires and inner tubes. 171,083; June 12.
Ironall Factories Co., The, Cincinnati, Ohio. Overalls, coats, pants, jumpers, combination one-piece suits, and pantaloons for men, and play suits for children. 164,707; July 3.
Irwin Auger Bit Company, The, Wilmington, Ohio. Roll cases for containing augers and bits. 171,800; Feb. 27.

Alphabetical list of trade-mark applicants—Continued.

Irwin Auger Bit Company, The, Wilmington, Ohio. Bits and augers. 171,801; Jan. 30.
Irwin Auger Bit Company, The, Wilmington, Ohio. Boxes for containing augers and bits. 171,802; Feb. 27.
Irwin Auger Bit Company, The, Wilmington, Ohio. Bits and augers. 179,098–103; June 19.
Irwin-Harrisons & Crosfield, Inc., San Francisco, Calif. Canned sardines. 181,567; Sept. 25.
Irwin, I. Isaac, doing business as Irwin & Co., San Diego, Calif. Foods and feed for poultry, livestock, and cattle. 170,821; June 5.
Irvin, James R., Chicago, Ill. Tooth paste and liquid dentifrice. 176,188; June 12.
Irving Engineering Sales Co., Chicago, Ill. Radiator shutters for internal-combustion engines. 167,722; July 17.
Irving Iron Works Company, Long Island City, N. Y. Metal gratings for floorings and staircases. 173,499; Mar. 27.
I-Sis Laboratories, Inc., New York, N. Y. Cleaning and polishing preparation for automobiles, furniture, etc. 172,163; Jan. 9.
Iskowitz, Charles, New York, N. Y. Hosiery. 183,525; Sept. 25.
Ismert-Hincke Milling Company, The. Kansas City, Kans. Wheat flour. 156,161; Jan. 30.
Isola Gesellschaft für Warme-und Kälte-Isolierung Rudolstadt, Germany. Double walled receptacles, being evacuated between said double walls and serving for keeping cold or warm foods, drinks, etc. 160,608; Feb. 27.
Israel, Daniel G., doing business as Peerless Chemical Co., Secaucus, N. J. Skin lotion. 184,860; Dec. 4.
Israel, Ralph, doing business as Anthracite Supply Company, Wilkes-Barre, Pa. Washboilers. 177,439; Sept. 4.
Italian Book Co., New York, N. Y. Music rolls for self-playing musical instruments. 171,922; Mar. 27.
Italian Book Co. Inc., New York, N. Y. Phonograph records. 171,803; July 24.
Italian Macaroni Production Co. (See Molinelli, Charles.)
Iten Biscuit Co., Omaha, Nebr. Sugar wafers. 162,740; Jan. 30.
Iten Biscuit Co., Omaha, Nebr. Cookies. 171,923; May 1.
Itis-Real Remedy Company. (See Dixon, Charles P.)
Ivanhoe Fruit Association, Klink, Calif. Fresh deciduous fruits. 169,304; Mar. 6.
Ivins', J. S., Son, Inc., Philadelphia, Pa. Cookies, cakes and crackers. 181,749; Oct. 2.
Ivins', J. S., Son, Inc., Philadelphia, Pa. Cookies, cakes, and crackers. 181,750; Nov. 13.
Ivins', J. S., Son, Inc., Philadelphia, Pa. Cookies. 186,132; Dec. 25.
J. A. C. Cheese Manufacturing Co. (See Caminati, John A.)
J. C. Hub Manufacturing Company, The, Cleveland, Ohio. Various completely-printed jobs, specifically house organs, catalogues, price lists, etc. 168,111; Aug. 7.
"J-E" Storage Battery Company. (See Luburg, Charles E.)
J. F. G. Coffee Co. (See Goodson, J. F., & Company.)
J. J. Company, The. (See Jenen, Joseph.)
J. & P. Coats (R. I.) Inc., Pawtucket, R. I. Thread and yarn. 181,729; Aug. 7.
J. P. Drug Co. (See Johnston, Eugene B.)
Jablonower, Benjamin, New York, N. Y. Writing ink and ink powders, ink capsules, and tablets. 180,478; Oct. 9.
Jaburg Brothers, Inc., New York, N. Y. Oleomargarine. 176,630; Sept. 11.
Jaburg Bros., New York, N. Y. Food preparation for making cocoa beverage. 172,341; Oct. 2.
Jaburg Bros., Inc., New York, N. Y. Periodical issued monthly. 182,347; Sept. 18.
Jack Beverage Company, New York, N. Y. Beverages sold as soft drinks and sirups for making the same. 172,107; Feb. 6.
Jack, Geo., Buffalo, N. Y. Antiseptic healing ointment. 166,455; Jan. 30.
Jack Tire & Rubber Company, Spokane, Wash. Pneumatic automobile tires and inner tubes. 179,601; Aug. 21.
Jack-O-Lantern Board, Hanover, N. H. Periodical publication of a literary nature. 171,084; Mar. 13.
Jackoway & Katz Cap Co., St. Louis, Mo. Men's, boys', and children's caps. 171,174; Feb. 13.
Jack's Products Company. (See Piatt, John F.)
Jackson Corset Company, Jackson, Mich. Corsets. 178,723; Sept. 4.
Jackson & Finkenaur, New York, N. Y. Radio receiving sets. 168,925; Aug. 21.
Jackson & Finkenaur, New York, N. Y. Radio receiving sets. 170,529; Jan. 30.
Jackson, John W., Palmetto, Fla. Waterproofing compound for use on shingle roofs and wood shingles. 173,424; May 15.
Jackson Medicine Co., The, Zanesville, Ohio. Digestive and liver powder, a preparation for relief of stomach ills. 171,924; Feb. 13.
Jackson Paper Co., Jackson, Miss. Tablets and school pads. 182,816; Sept. 11.
Jackson-Rogers Company, The, Brooklyn, N. Y. Shampoo for the hair. 185,871; Dec. 11.
Jacksonville Cracker Works, Jacksonville, Fla. Bakery and confectionery products. 181,751; Oct. 16.
Jacob & Schey, New York, N. Y. Hosiery. 175,357; July 10.
Jacobs Bros. Co. Inc., The, New York, N. Y. Weighing scales. 171,495; Feb. 13.
Jacobs Bros. Co. Inc., The, New York, N. Y. Weighing scales. 171,496; Feb. 6.
Jacobs Bros. Co., Inc., The, Brooklyn, N. Y. Weighing scales. 185,297; Nov. 20.
Jacobs, H., & Sons, Inc., New York, N. Y. Sateen, cotton, and silk mixed piece goods and cotton piece goods. 183,526; Oct. 16.
Jacobs, Harry L., Detroit, Mich. Caps. 167,877; Jan. 9.
Jacobs & Thatcher Co., Brooklyn, N. Y. Ladies' shoes. 138,498; Nov. 13.
Jacobstein Bros., Inc., Rochester, N. Y. Cigars. 171,323; Feb. 13.
Jacqueline Frères Limited, London, England. Powder puffs. 166,493; Nov. 6.
Jaden, Fred I., doing business as F. Jaden Manufacturing Co., Hastings, Nebr. Tire pumps, slip-on connections for tire pumps, and air chucks. 181,282; Sept. 18.
Jaeckel, A., & Co., New York, N. Y. Manufactured furs. 182,097; Nov. 27.
Jaediker, Henry W., New York, N. Y. Ladies' hats. 177,300; July 3.
Jaeger, C., Distributing Co., New York, N. Y. Facial cream. 170,388; Apr. 17.
Jaeger-Kunnert Co., also doing business as H. W. Glasser Tobacco Products Co., Dubuque, Iowa. Smoking and chewing tobacco. 185,021; Oct. 23.
Jaenecke-Ault Company, Newark, N. J. Printing inks. 168,135; Apr. 24.
Jaenecke-Ault Company, Newark, N. J. Printing inks 176,740–1; May 15.
Jahn, E. J., Company, doing business as Herr's Laboratories, Limited, Detroit, Mich. Face lotion. 184,861; Dec. 4.
Jakobs, Nachem, doing business as Netherlands Haarlem Oil Manufacturing Company, Philadelphia, Pa. Medicinal oil for treatment of kidney, liver, bladder, etc., troubles. 171,998; June 26.
Jalenko, J. F., & Co., New York, N. Y. Dental golds, solders, plates, disks, etc. 185,593; Oct. 23.
Jalkoff Bros. Inc., New York, N. Y. Fur coats, capes, scarfs, etc. 178,505; Sept. 18.
James, John, & Sons Limited, Redditch, England. Needles for hand sewing. 178,104; May 22.
James, John, & Sons Limited, Redditch, England. Needles for hand sewing. 178,105; July 3.
James, Percy H., Oklahoma, Okla. Beverage sold as a soft drink. 183,627; Oct. 30.
Jameson-Havener Company. (See Hevener, James K.)
Jameson-Hevener Company, St. Paul, Minn. Poultry food. 176,346; Sept. 25.
Jameson, James W., doing business as Jameson Oil Company, Los Angeles, Calif. Gasoline. 181,995; Oct. 2.
Jameson, James W., doing business as Jameson Oil Company, Los Angeles, Calif. Gasoline. 181,996; Oct. 16.
Jameway Co. (See Wayborn, James A.)
Jamison, Jacob, Philadelphia, Pa. Outer suits for men and boys. 172,335; June 5.
Janney, Thomas, Company, Philadelphia, Pa. Shoes. 175,903; May 22.
Jansen, F. W., Clock Company, Chicago, Ill. Alarm clocks. 157,615; Mar. 27.
Jansen & Pretzfeld, Inc., New York, N. Y. Silks in the piece. 164,645; Nov. 13.
Jansen & Pretzfeld, Inc., New York, N. Y. Silks in the piece. 173,084; Mar. 20.
Jansen & Pretzfeld, Inc., New York, N. Y. Silks in the piece. 173,966; Mar. 6.
Jansen & Pretzfeld, Inc., New York, N. Y. Silks in the piece. 186,710; Dec. 11.
Janssen, H., & Co., San Francisco, Calif. Olive oil. 167,642; May 29.
Japanese Perfume Co., New York, N. Y. Perfume. 182,660; Nov. 13.
Jardine, William H., Philadelphia, Pa. Ventilators. 187,679; Dec. 25.
Jarvis, Henry C., doing business as B. B. Drug & Chemical Co., Brooklyn, N. Y. Throat tablets. 167,132; Jan. 9.
Jath's Camphorub Company, Omaha, Nebr. Medicinal compound. 179,044; Oct. 16.
Jay Burns Baking Company, The, Omaha, Nebr. Loaves of wheat bread. 162,980; Apr. 3.
Jay Garment Company, The, Portland, Ind. Work shirts. 172,839; June 5.
Jay-Kay Chemical Company. (See Kardas, John T.)
Jean, Buena V., doing business as W. F. D. Jean, Baltimore, Md. Coffee. 176,026; Aug. 14.
Jean, C. W., Company, Worthington, Ind. Eggs. 112,202; May 8.
Jean Garment Company, The, Chicago, Ill. Lingerie, gymnasium bloomers, and underwear. 165,382; May 1.
Jean Jordeau Inc., South Orange, N. J., and New York, N. Y. Skin lotions and creams. 168,893; Mar. 6.
Jeanette Glass Company, Jeanette, Pa. Glass plates, bowls, napkins, jars, jugs, pitchers, etc. 172,277; Apr. 2.

Jefferson Co. Inc., Richmond, Va. Vegetable shortening, lard substitute. 153,551; Apr. 10.
Jefferson Company, The, Follansbee, W. Va. Electric-lamp stands or bases and fixtures therefor. 170,768; Mar. 6.
Jefferson, Ida B., Longview, Tex. Liniment for rheumatism or sore joints, corns, etc. 165,083; Nov. 13.
Jefferson Manufacturing Company, Jefferson City, Mo. Overalls, jackets, work shirts, flannel shirts, etc. 149,753; Nov. 6.
Jefferson Silk Company, Inc., New York, N. Y. Piece goods made of silk and artificial silk. 185,710; Dec. 4.
Jeffress, E. W., Inc., Detroit, Mich. Ginger ale. 162,420; Jan. 2.
Jeffrey Manufacturing Co., The, Columbus, Ohio. Excavating, elevating, and conveying machinery. 176,347; Aug. 21.
Jelly-Delaney Shoe Co., Lynn, Mass. Shoes. 156,330; Feb. 27.
Jely-Rite Fruit Company. (See Hulburt, H. L.)
Jenen, Joseph, doing business as The J. J. Company, Chicago, Ill. Polish for varnished enameled, and lacquered surfaces. 174,142; Apr. 24.
Jenkins Bros. Limited, Montreal, Quebec, Canada. Globe and gate valves. 180,605; Sept. 18.
Jenkins Drug Company, Bryan, Tex. Remedy for diseases of the stomach, blood, etc. 175,198; Dec. 4.
Jenkinson-Bode Company, Jacksonville, Ill. Canned fish, fruits, vegetables, and soups, jellies, coffee, etc. 135,150; Feb. 20.
Jenner, Herbert S., Rochester, N. Y. Beverages sold as soft drinks. 183,384; Oct. 30.
Jennings, George W., Chicago, Ill. Face creams, lotions, manicuring preparations, perfumes, etc. 175,658; June 5.
Jennings, O. D., and Company, Chicago, Ill. Coin-controlled vending machines. 168,719; Apr. 3.
Jennings, O. D., & Company, Chicago, Ill. Weighing scales and coin-controlled scales. 181,077; Aug. 14.
Jennison-Wright Co., The, Toledo, Ohio. Pavements and floors and materials therefor. 131,735; July 17.
Jennison-Wright Co., The, Toledo, Ohio. Floors and pavements, coatings, mastics, etc., for floors and pavements. 131,736; July 17.
Jenny Lee Frocks Inc., Minneapolis, Minn. Dresses, gowns, suits, wraps, and coats. 180,378; Aug. 18.
Jenquins Laboratories, The, Chicago, Ill. Cod-liver-oil pills. 178,252; July 10.
Jensen, Dr. Walter D., doing busines as Bio-Chemic Laboratory, Taylor, Nebr. Remedy used for distemper in dogs. 167,943; Apr. 10.
Jensen & Sons, Watsonville and Corralitos, Calif. Fresh apples. 182,916; Sept. 18.
Jergens, Andrew, Company of California, Burbank, Calif. Toilet soap. 156,904; Jan. 30.
Jerico Co., The, Brooklyn, N. Y. Hair dressing. 171,324; Feb. 20.
Jersey Silk Mills, New York, N. Y. Silk, silk and wool, etc., piece goods. 182,817; Oct. 2.
Jersey Silk Mills, New York, N. Y. Silk, etc., piece goods. 182,819; Oct. 9.
Jersey Silk Mills, New York, N. Y. Silk, silk and cotton, etc., piece goods. 182,821; Oct. 2.
Jessen, J. Carl, Hollywood, Calif. Motion pictures reproduced in copies. 181,950; Sept. 25.
Jester, Jerome K., doing business as Continental Ampower Company, Atlanta, Ga. Liquid battery charge. 170,434; May 22.
Jett & Wood Mercantile Company, The, Wichita, Kans. Canned goods, spices, table sirups, etc. 178,253; Oct. 2.
Jevne, H., Co., Los Angeles, Calif. Coffee. 162,744; Aug. 7.
Jevne, H., Co., Los Angeles, Calif. Coffee, tea, cocoa, biscuit flour, etc. 162,746; Sept. 18.
Jevne, H., Co., doing business as Jevne's, Los Angeles, Calif. Candies. 165,685; Jan. 30.
Jevne's. (See Jevne, H., Co.)
Jewell Belting Company, Hartford and West Hartford, Conn. Leather belts for machinery. 170,650; Aug. 7.
Jimmy Boy Doll Co. (See Kelley, Lucille B.)
Joannes Bros. Co., Green Bay, Wis. Canned fruits, vegetables, fish, and meats, dried fruits, fruit preserves, etc. 172,741; Oct. 2.
Joannes Bros. Co., Green Bay, Wis. Tea. 172,743; Apr. 17.
Joannes Bros. Co., Green Bay, Wis. Canned goods, cheese, cocoa, etc. 172,744; Nov. 20.
Joannes Bros. Co., Green Bay, Wis. Canned vegetables and fish, molasses, and fruit preserves. 172,745; Apr. 17.
Joannes Bros. Co., Green Bay, Wis. Baking powder, bluing, lye, and laundry starch. 172,878; June 26.
Joannes Bros. Co., Green Bay, Wis. Bluing laundry starch, baking powder, and lye. 172,879; Mar. 13.
Joannes, Bros. Co., Green Bay, Wis. Jar rubbers. 172,880; Apr. 3.
Johann Schmidt Oblatenfabrik, Nuremberg, Germany. Wafers to be used for lining bakers' ware, apparatus for baking wafers. 165,572; Oct. 23.
John, Herman A., doing business as Von der Heyde & John, New York, N. Y. Cotton, woolen, half-wool, and woven piece goods. 170,389; Jan. 23.
John, J. T., Company, Johns, N. C. Cantaloupes 167,569; Apr. 24.
John L. Whiting-J. J. Adams Company, Boston, Mass. Brushes for painting, varnishing, or applying various liquids. 175,584; Apr. 17.
John L. Whiting-J. J. Adams Company, Boston, Mass. Brushes for painting, varnishing, or applying various liquids. 175,585; May 15.
Johns-Manville, Incorporated, New York, N. Y. Rod, piston-rod, piston, plunger, etc., packings and asbestos belting used as brake lining. 167,818; Mar. 13.
Johns-Manville, Incorporated, New York, N. Y. Heat-insulating felt for use in making built-up roofing. 169,765; May 1.
Johns-Manville Incorporated, New York, N. Y. Pie covering, prepared asbestos roofing, asbestos paper and millboard. 170,025; Jan. 9.
Johns-Manville Incorporated, New York, N. Y. Piston-rod packing. 170,294; Apr. 17.
Johns-Manville, Inc., New York, N. Y. Packing rings. 171,540; July 17.
Johns-Manville, Incorporated, New York, N. Y. Brake lining. 172,046; Apr. 3.
Johns-Manville, Incorporated, New York, N. Y. Fireproof non-heat-conducting materials. 177,786; June 5.
Johns-Manville, Incorporated, New York, N. Y. Pipe covering. 183,155; Sept. 18.
Johns-Manville, Incorporated, New York, N. Y. Cotton cloth for use as an acoustical membrane. 183,977; Dec. 11.
Johns-Pratt Company, The, Hartford, Conn. Electrical apparatus, machines, and supplies. 172,680; Mar. 27.
Johns, William T., doing business as Texas Chemical & Specialty Co., Fort Worth, Tex. Insecticide and deodorant. 174,902; July 10.
Johnson, Anna L. R., doing business as Plaskul Game Company, Marietta, Minn. Table game played with cards, games, toys, and sporting goods. 172,746; Feb. 20.
Johnson-Appleby Company, Boston, Mass. Canned fruits, flavoring extracts for foods, fruit jams, jellies, and marmalades, etc. 146,440; May 8.
Johnson, Arthur L., Co. of Rhode Island, Providence, R. I. Canned clams and sardines. 183,926; Nov. 6.
Johnson, B. L., & Co., Inc., Knoxville, Tenn. Candy. 177,975; Aug. 14.
Johnson-Breyding-Johnson, St. Louis, Mo. Printing and writing paper, envelopes. 177,302; May 8.
Johnson, Charles W., doing business as Johnson's Ice Cream Co., Oakland, Calif. Ice-cream confection. 162,879; Feb. 13.
Johnson & Company, St. Peter, Minn. Negligee and work shirts, pants, overalls, and coats for men and children. 164,808; June 5.
Johnson, Cowdin & Co., Inc., assignor to Johnson-Cowdin-Emmerich, Inc., New York, N. Y. Ribbons in the piece. 156,834; Jan. 30.
Johnson-Cowdin-Emmerich, Inc. (See Johnson, Cowdin & Co., assignor.)
Johnson Educator Food Company, Cambridge, Mass. Cookies, crackers, cakes, and biscuits. 141,577; Sept. 25.
Johnson Educator Food Company, Cambridge, Mass. Cookies, crackers, cakes, and biscuits. 141,580; Sept. 25.
Johnson Educator Food Company, Cambridge, Mass. Cookies, crackers, cakes, and biscuits. 141,583; Sept. 25.
Johnson Educator Food Company, Cambridge, Mass. Cookies, crackers, cakes, and biscuits. 141,586–7; Sept. 25.
Johnson, Edward S., Wellesley Hills, Mass. Bath salts. 186,236; Dec. 11.
Johnson Gas Appliance Company, Cedar Rapids, Iowa. Gas appliances. 176,348; Oct. 23.
Johnson, George H., Worcester, Mass. Oily compound for use in treating the surfaces of stoves and furnaces. 178,850; Sept. 18.
Johnson, H. M., Company. Newburyport, Mass. Leather shoes. 169,485; Mar. 20.
Johnson, I. M., New York, N. Y. Series of cartoons. 170,295; Jan. 2.
Johnson's Ice Cream Co. (See Johnson, Charles W.)
Johnson & Johnson, New Brunswick, N. J. Suspensory bandages. 175,146; Mar. 27.
Johnson, Lawrence V., New York, N. Y. Handkerchiefs. 184,245; Oct. 2.
Johnson, Leonard W., doing business as Ruggles & Ruggles, Batavia, Ill. Flue cleaners. 171,497; Feb. 20.
Johnson-Locke Mercantile Co., The, San Francisco, Calif. Canned and dried fruits and vegetables. 168,314; July 3.
Johnson, Mary W., doing business as The Johnson Electric Mfg. Co., Warren, R. I. Fittings for electric conduits. 182,054; Aug. 21.
Johnson, Mary W., doing business as The Johnson Electric Mfg. Co., Warren, R. I. Fittings for electric conduits. 182,152; Aug. 21.
Johnson, Mary W., doing business as The Johnson Electric Mfg. Co., Warren, R. I. Fittings for electric conduits. 182,542; Sept. 18.
Johnson, Mary W., doing business as The Johnson Electric Mfg. Co., Warren, R. I. Fittings for electric conduits. 182,823; Sept. 18.

Johnson & McGrath Laboratory, Jefferson, Iowa. Remedy for treating skin diseases and skin infections. 180,010; Dec. 18.
Johnson Motor Co., South Bend, Ind. Outboard internal-combustion motors for small craft. 183,385; Oct. 2.
Johnson, Oliver W., doing business as Buddie Saw Rig Works, Geneva, Ohio. Sawing attachments for tractors. 175,147; Mar. 20.
Johnson Pharmaceutical Company, The, Woburn, Mass. Ointment. 184,167; Dec. 18.
Johnson Pickett Rope Co., The, Manila, P. I. Rope and twine of all kinds. 164,920–1; Apr. 17.
Johnson, S. C. & Son, Racine, Wis. Valve-grinding compound. 182,099; Dec. 18.
Johnson, S. C., & Son, Racine, Wis. Stains, paints, varnish, etc. 182,100; Sept. 25.
Johnson, S. C., & Son, Racine, Wis. Polishing brushes. 182,101; Sept. 4.
Johnson, S. C., & Son, Racine, Wis. Prepared wax and paint and varnish remover. 182,102; Sept. 11.
Johnson Smoked Fish Company, Chicago, Ill. Smoked fish. 163,758; Jan. 30.
Johnson & Sons, London, England, and New York, N. Y. Photographic developer. 166,834–5; Aug. 14.
Johnson, W. E., doing business as Mrs. W. E. Johnson, Great Falls, Mont. Salad dressing. 158,188; June 19.
Johnson, Walter J., Columbus, Ohio. Carbon paper, typewriter and multigraph ribbon. 171,221; Apr. 24.
Johnson, William H., New York, N. Y., assignor to Tin Decorating Company of Baltimore, Baltimore, Md. Face powders and creams, perfumes, toilet waters, etc. 162,929; Nov. 20.
Johnson, William H., New York, N. Y., assignor to The Tin Decorating Company of Baltimore, Baltimore, Md. Peanut butter, butter, cereals, spices, coffee, tea, chocolate, etc. 162,932; Aug. 21.
Johnson, William H., New York, N. Y., assignor to The Tin Decorating Company of Baltimore, Baltimore, Md. Paper, pencils, pens, etc. 163,987; July 24.
Johnson, William H., Arlington, N. J. Garters. 174,841; July 24.
Johnson, Young & Hamilton, Parma, Idaho. Potatoes and head lettuce. 171,849; July 17.
Johnston & Co. Cable Cord, Inc., New York, N. Y. Cable cord, macramé cord, shade cord made from cotton. 165,628; Jan. 9.
Johnston, Eugene B., doing business as J. P. Drug Co., Donithan, Mo. Infants' colic preparation. 164,168; Jan. 2.
Johnston, James, Spokane, Wash. Coffee. 168,315; Feb. 20.
Johnston, Matthew R., doing business as M. R. Johnston Coffee Co., Baltimore, Md. Coffee. 178,256; June 12.
Johnston, R. F., Paint Company, The, Cincinnati, Ohio. Decorating outfits. 176,631; July 3.
Johnston, R. F., Paint Company, The, Cincinnati, Ohio. Ready-mixed paints. 186,553; Nov. 27.
Johnston, Robert A., Co., Milwaukee, Wis. Sweet biscuit made by a special embossing cutter. 167,523; Jan. 9.
Johnston, Robert A., Co., doing business as Johnston's, Milwaukee, Wis. Candies. 169,715; Apr. 3.
Johnston, Robert A., Company, Milwaukee, Wis. Candy. 175,659; May 15.
Johnston United Chemical Co. Inc., Clare, Mich. Fly and insect mist. 172,224; Mar. 27.
Johnston's. (See Johnston, Robert A., Co.)
Joliet Manufacturing Company, Joliet, Ill. Corn shellers. 180,223; July 17.
Jolo Laboratories. (See Yydon, Louis H.)
Jo-Lo Rug Cleaning Mfg. Co. (See Swayne, Joseph J.)
Jointless Fire-Brick Co., Chicago, Ill. Fire-resistance cement for forming furnace linings. 181,568; Sept. 4.
Joliet Flour Mills Company, Joliet, Mont. Wheat flour. 173,085; Sept. 25.
Jones, Ada R., Bozeman, Mont. Figure ornament for decorative purposes. 156,744; Jan. 23.
Jones Bros. & Co., San Francisco and Watsonville, Calif. Fruit beverages sold as soft drinks and sirups used in preparation of same. 170,023; Jan. 2.
Jones, Charles L., St. Louis, Mo. Insecticide for roaches, water bugs, ants, bedbugs, etc. 175,084; June 5.
Jones, Deborah A., New Bedford, Mass. Hair pomade, preparation for beautifying the hair, shampoo, etc. 163,991; Mar. 27.
Jones, F. L., Co., Bangor, Me. Crackers and biscuit. 117,980; Sept. 25.
Jones, George C., Incorporated, New York, N. Y. Fertilizer. 180,704; July 10.
Jones, George, & Sons, Limited, Stoke-upon-Trent, England. China and earthenware. 149,139; Dec. 18.
Jones, John F., Pomona, Calif. Piston packing rings. 158,929; July 31.
Jones, John P., doing business as Pep-So Beverage Company, Fort Morgan, Colo. Maltless, nonalcoholic beverage sirup. 184,340; Nov. 27.
Jones, John T., doing business as Jones Remedy Co., Grass Valley, Calif. Preparation for relief of colds, coughs, grippe, etc. 172,993; July 10.
Jones, Leander C., doing business as Chef Aluminum Co., Battle Creek, Mich. Aluminum culinary utensils. 169,907; May 22.
Jones, S. M., Company, The, Toledo, Ohio. Sucker rods. 163,874; Jan. 23.
Jones, V. K. & A. H., & Thomas Co., Lynn, Mass. Boots and shoes. 173,357; Apr. 24.
Jones, Vess, doing business as Whistle Company, New York, N. Y. Cigarettes, cigars, smoking and chewing tobacco, etc. 167,245; May 8.
Jones, Vess, doing business as Whistle Company, New York, N. Y. Concentrated sirups for manufacture of nonalcoholic, maltless beverages, etc. 167,247; May 8.
Jones, Vess, doing business as The Whiz Co., New York, N. Y. Beverages sold as soft drinks and sirups therefor. 169,017; Dec. 25.
Jones, Vess, doing business as Whiz Company, New York, N. Y. Beverages sold as soft drinks and sirups for making same. 186,380; Dec. 18.
Jones, W., & Co., London, England. Medicinal remedy for seasickness. 171,804; Feb. 20.
Jonkoping och Vulcans Tandsticksfabriksaktiebolag, Jonkoping, Sweden. Matches. 140,435; Aug. 28.
Jonkoping och Vulcans Tandsticksfabriksaktiebolag, Jonkoping, Sweden. Matches. 140,437; Sept. 4.
Jonkoping och Vulcans Tandsticksfabriksaktiebolag, Jonkoping, Sweden. Matches. 140,439; Sept. 4.
Jonkoping och Vulcans Tandsticksfabriksaktiebolag, Jonkoping, Sweden. Matches. 140,444; Sept. 4.
Jonkoping och Vulcans Tandsticksfabriksaktiebolag, Jonkoping, Sweden. Matches. 140,446–7; Sept. 4.
Jonkoping och Vulcans Tandsticksfabriksaktiebolag, Jonkoping, Sweden. Matches. 140,449–50; Sept. 4.
Jonkoping och Vulcans Tandsticksfabriksagtiebolag, Jonkoping, Sweden. Matches. 140,452–4; Sept. 4.
Jonkoping och Vulcans Tandsticksfabriksaktiebolag, Jonkoping, Sweden. Matches. 140,455; Aug. 28.
Jonkoping och Vulcans Tandsticksfabriksaktiebolag, Jonkoping, Sweden. Matches. 140,456–8; Sept. 4.
Jonkoping och Vulcans Tandsticksfabriksagtiebolag, Jonkoping, Sweden. Matches. 140,463; Aug. 28.
Jönköpings och Vulcans Tändsticksfabriksaktiebolag, Jonkoping, Sweden. Matches. 179,273; Aug. 7.
Jordahn, Gus, Palm Beach, Fla. Inflatable swimming device or belt. 174,454; Apr. 10.
Jordan Marsh Company, Boston, Mass. Misses', boys', and children's shoes. 158,237; Jan. 2.
Jordan Marsh Company, Boston, Mass. Clothing. 164,437; Mar 20.
Jordan Marsh Company, Boston, Mass. Men's hats, caps, shirts, underwear, etc. 169,490; Apr. 3.
Jordan Marsh Company, Boston, Mass. Talking-machine needles. 172,419; Jan. 23.
Jordan Marsh Company, Boston, Mass. Hot-water bottles and bags and syringes. 173,889; Mar. 20.
Jordan Marsh Company, Boston, Mass. Electric sadirons. 173,890; Apr. 24.
Jordan Marsh Company, Boston, Mass. Albums for talking-machine records. 177,976; May 8.
Jordan Marsh Company, Boston, Mass. Cleaning pads for talking-machine records. 177,977; May 22.
Jordan Marsh Company, Boston, Mass. Golf balls. 178,923; May 29.
Jordanides, Michael S., New York, N. Y. Cigarettes. 173,328; Mar. 20.
Jordeau, Jean, Inc., South Orange, N. J., and New York, N. Y. Perspiration deodorant. 177,742; Aug. 7.
Jordeau, Jean, Inc., South Orange, N. J., and New York, N. Y. Depilatory. 185,709; Dec. 11.
Joseph Bros., doing business as United Kimono Co., New York, N. Y. Kimonos, bath robes, petticoats, etc. 175,398; July 10.
Joseph, I. S., Company, Minneapolis, Minn. Stock feed. 179,151; Sept. 11.
Joseph, S., & Son Co., Philadelphia, Pa. Ready-mixed paints, varnishes, fillers, and shellacs. 180,285; July 10.
Josey-Miller Company, Beaumont, Tex. Horse and mule feed. 176,680; Aug. 28.
Josselyn, Elmer H., Baltimore, Md. Candy. 176,190; Aug. 14.
Jostam Mfg. Co., Chicago, Ill. Recoil pads for guns. 182,515; Aug. 28.
Journeymen Barbers' International Union of America, Indianapolis, Ind. Magazines, calendar cards, etc. 175,247; Oct. 2.
Jouvence Company, Inc., The, New York, N. Y. Liquid for cleansing and beautifying the skin and improving the complexion. 179,045; July 31.
Jovis Watch Co., New York, N. Y. Watches. 171,498; Mar. 27.
Joy-Jel Company, St. Joseph, Mo. Dry powder used in making jellies, jams, marmalades, and sirups. 163,680; Mar. 6.
Joy Paper Products Co. (See Mayer Coating Machines Co.)
Juan Bautista Blancafort S. en C., La Garriga, Barcelona, Spain. Perforated music rolls for automatic pianos. 141,348; Apr. 3.
Judee Laboratories. (See Wolcott, Herbert.)
Judge & Nagle, Philadelphia, Pa. Cigars. 182,311; Oct. 23.
Judkins, W. V., & Son, Boston, Mass. Silk ribbons in the piece. 177,672; June 26.
Judson, L. J., doing business as Guinea Products Co., Los Angeles, Calif. Ointment for the treatment of piles. 171,024; Feb. 20.

Juilliard, A. D., & Co., Inc., New York, N. Y. Cotton, duck, and canvas piece goods. 177,673; June 26.
Julian, C. C., Los Angeles, Calif. Gasoline, lubricating oils, and greases. 184,403–4; Oct. 23.
Julian Petroleum Corporation, Wilmington, Del., and Los Angeles, Calif. Gasoline, lubricating oils and greases. 184,406; Oct. 16.
Julien, Alexander, Chicago, Ill. Mustard, tartar, and mayonnaise dressings. 164,595; Feb. 6.
Julin, Albert A., Chicago, Ill. Hair nets. 159,509; May 1.
Julin, Albert A., doing business as Julin Importing Company, Chicago, Ill. Hair nets. 184,972; Oct. 30.
Jung, M., New York, N. Y. Razors and clippers, scissors, and tools, and parts thereof. 165,794; Feb. 27.
Junglegym, Inc., Chicago, Ill. Playground apparatus in particular climbing frames. 155,408; Jan. 30.
Junkung, John. (See American Lock Manufacturing Co., assignor.)
Justa Mfg. Co., Hugo, Okla. Washing compound. 181,125; July 24.
Justi, H. D., & Son, Philadelphia, Pa. Artificial teeth. 181,028; Sept. 18.
Justrite Manufacturing Company, Chicago, Ill. Miners' actylene lamp. 165,629; Jan. 2.
Justus, Ocee, doing business as Rado Manufacturing Company, Muncie, Ind. Liquid soap. 174,455; Apr. 24.
Juvenile Shoe Corporation of America, The, Carthage, Mo. Boots and shoes. 170,196; June 26.
Juvenile Shoe Corporation of America, The, Carthage, Mo. Boots and shoes. 170,198–9; June 26.
Juvenile Shoe Corporation of America, The, Carthage, Mo. Boots and shoes of kid, canvas, and leather. 170,200; Jan. 23..
K. Pulling Machine Company, San Francisco, Calif. Hand and power operated stump pullers and winches. 169,307; Feb. 20.
K. C. B. Cannery, Inc., Seattle, Wash. Canned clams. 170,067; Mar. 13.
K. G. W. Laboratories, Des Moines, Iowa. Liquid preparation for the treatment of tonsillitis, colds, and diseases of rheumatic origin. 167,048; Jan. 2.
K. S. F. Co. Inc., The, New Haven, Conn. Preparations for cleaning and polishing automobile running gears, etc. 175,873; Aug. 21.
K & W Rubber Company. (See Krichbaum, Ora.)
Kabushiki-Kaisha Namiki Seisakujo, Tokyo, Japan. Pens, penholders, fountain pens. 171,368; Mar. 13.
Kafex, Incorporated, New York, N. Y. Coffee substitute. 153,352; Sept. 4.
Kafka, David A., doing business as Midwest Auto Specialty Mfg. Co., St. Paul, Minn. Oil gauges. 181,029; July 10.
Kahil, Abraham A., doing business as The Guarantie Company, New York, N. Y. Neckties, scarfs, and sweaters. 177,492; July 31.
Kahlbaum, C. A. F., Chemische Fabrik Gesellschaft mit beschrankter Haftung, Adlershof-Berlin, Germany. Medicinal and pharmaceutical products for treating gouty, rheumatic, neuralgic, and migraine affections. 168,972; Apr. 24.
Kahlbaum, C. A. F., Chemische Fabrik Gesellschaft mit beschrankter Haftung, Adlershof-Berlin, Germany. Medicinal and chemical pharmaceutical products for treating neuralgic and convulsive affections. 168,973; Apr. 24.
Kahles, Charles W., Queens, N. Y. Cartoon feature. 175,871; July 31.
Kahley Company, The, New York, N. Y. Preparations for the treatment of corns, etc. 176,797; Nov. 20.
Kahn, Emil, doing business as E. Kahn & Company, Chicago, Ill Potatoes. 181,640; Oct. 2.
Kahn, Morris A., San Antonio, Tex. Lubricating oils and greases. 159,873; Feb. 13.
Kahn, S. H., & Co., New York, N. Y. Cotton piece goods. 173,086–7; Feb. 13.
Kahn, William P., Corporation, The, St. Louis, Mo. Chemical preparation for the treatment of the skin. 180,980; Aug. 21.
Kahn's, E., Sons Company, The, Cincinnati, Ohio. Lard. 165,451; Sept. 18.
Kahn's, E., Sons Company, The, Cincinnati, Ohio. Tankage. 176,191; Aug. 14.
Kahn's, E., Sons Company, The, Cincinnati, Ohio. Sausage, bacon, lard, lard compound. 182,153; Sept. 25.
Kaidasz, Satie, Philadelphia, Pa. Laxative. 180,224; July 31.
Kajowill Mills, Reading, Pa. Hosiery for ladies. 173,049; May 22.
Kala Company, The. (See Lowe, Willis H.)
Kalamazoo Ice & Fuel Company, Kalamazoo, Mich. Coal. 185,595; Dec. 11.
Kalasign Company of America. (See Merchants Publishing Company.)
Kalaus, Ernest, doing business as The Kaloline Oil Company, Bridgeport, Conn. Motor-lubricating oils. 170,935; Feb. 13.
Kalbfleisch, Adam H., near Mercedes, Tex. Fresh citrus fruits. 164,809; Jan. 9.
Kales Stamping Company, Detroit, Mich. Mirrors for motor vehicles. 172,597; Apr. 3.

Kaletzky, Louis, Syracuse, N. Y. Medicine for rheumatism and backache. 178,344; July 17.
Kalifornia Kola Co., Los Angeles, Calif. Candy. 182,590; Oct. 30.
Kalina Company, Buffalo, N. Y. Medicinal tablets for disorders of the stomach and bowels, face and skin lotions, etc. 169,169; Mar. 6.
Kaloline Oil Company, The. (See Kalaus, Ernest.)
Kalt, Joseph, jr., Milwaukee, Wis. Pies. 167,918; Mar. 20.
Kamenstein, Meyer, Brooklyn, N. Y. Washboilers. 145,463; May 29.
Kaminia Drug & Chemical Co. (See Anglo Indian Drug & Chemical Co.)
Kamion, Aaron, doing business as A. Kamion, New York, N. Y. Watchcases. 184,314; Nov. 20.
Kämmer & Reinhardt, A. G., Waltershausen, Germany. Toys and playthings. 168,927; Feb. 13.
Kammerer, William C., doing business as Missouri Butter Company, St. Louis, Mo. Butter. 184,466; Dec. 25.
phite, #2 sodium hydrosulphite, sodium bisulphite, etc. 181,285; Oct. 30.
Kampf, H. D., New York, N. Y. #1 sodium hydrosul-
Kanak Company, Inc., New York, N. Y. Ice-box deodorants. 170,249; Feb. 27.
Kanders Pharmacal Co., New York, N. Y. Toilet preparation for softening and whitening chapped and rough skin. 172,882; Mar. 13.
Kandle, Albert L., doing business as Muturo Mfg. Co., Richmond, Va. Hair tonic. 158,047; June 5.
Kane, Samuel J., doing business as Protect-O-Floor Leather Mat Co., San Francisco, Calif. Leather flexible door mat. 171,926; May 8.
Kane, Thomas B., doing business as Philadelphia Bottling Co., Philadelphia, Pa. Beverages sold as soft drinks and sirups for making the same. 179,046; June 19.
Ka-Nix Sales Co. (See Warnick, Edward A.)
Kann, Lewis L., doing business as Kann Manufacturing Co., New York, N. Y. Shoes made of leather and fabric and a combination of said materials. 173,426; Apr. 3.
Kann Manufacturing Co. (See Kann, Lewis L.)
Kann, Sydney, doing business as Sydney Kann & Co., Detroit, Mich. Paper bags and baskets. 183,386; Dec. 25.
Kann, William L., trading as Advance Abrasive Co., Pittsburgh, Pa. Abrasive pastes, powders, cloths, grinding wheels, paper, rouge, soap, polishing bricks, buffing compounds, etc. 173,329; Mar. 20.
Kann, William L., Pittsburgh, Pa. Lumber, both finished and unfinished. 174,661; June 26.
Kann, William L., Pittsburgh, Pa. Oranges, bananas, mangoes, canned vegetables, etc. 182,824; Sept. 18.
Kannally-Wick Corporation, Highland, Ill. Leather shoes. 178,391; Nov. 13.
Kanner, Samuel, doing business as Kanner Skirt Co., New York, N. Y. Skirts. 174,662; Oct. 16.
Kansas City Macaroni & Importing Co., Kansas City, Mo. Macaroni, spaghetti, macaroni shells, vermicelli, egg noodles, etc. 171,325; May 1.
Kansas City Macaroni & Importing Co., Kansas City, Mo. Shell-shaped macaroni. 177,303; May 29.
Kansas City Pure Food Co., Kansas City, Mo. Ice-cream cones. 160,887; Oct. 16.
Kansas City Refining Sales Company, Kansas City, Kans. Lubricating oils, greases, and gasoline. 175,248; Mar. 27.
Kanter, David I., Chicago, Ill. Corn remedy. 173,221; May 15.
Kantes, George, Atlanta, Ga. Candy. 169,764; May 15.
Kaplan, Harry E., doing business as H. E. Kaplan & Co., Chicago, Ill. Finger rings. 180,435; July 10.
Kaplan, Harry E., doing business as H. E. Kaplan & Co., Chicago, Ill. Finger rings. 180,436; Aug. 28.
Kaplan, Jacob, New York, N. Y. Baby bath robes. 168,218; Jan. 9.
Kaplan, Martin, Brooklyn, N. Y. Medicines and pharmaceutical preparations. 180,125; Sept. 18.
Kappeler, Charles, St. Paul, Minn. Cow-hoof trimmers. 174,396; Apr. 17.
Karagheusian, A. & M., Inc., New York, N. Y. Textile rugs. 184,912; Oct. 16.
Karagheusian, A. & M., Inc., New York, N. Y. Carpets and textile rugs. 186,554–5; Dec. 11.
Karas, Kyriakos, Brooklyn, N. Y. Liquid preparation for internal use in the treatment of asthma. 166,836; Apr. 10.
Karasik, Holleb & Co., Chicago, Ill. Canned vegetables, fruits, and fish, spices, etc. 172,881; May 15.
Karavan Packing Co. (See Harding, Mabel.)
Karda, Václav C., New York, N. Y. Animal traps. 167,878; Mar. 13.
Kardas, John T., doing business as Jay-Kay Chemical Company, Baltimore, Md. Skin cream, headache powder, and milinent. 181,897; Nov. 6.
Karlin, Hyman, New York, N. Y. Olive oil. 175,497; Aug. 14.
Karlin, Hyman, doing business as H. Karlin Co., New York, N. Y. Olive oil. 176,550; July 3.
Karlson, Gordonville & Johnson, Incorporated, New York, N. Y. Yearly almanacs. 169,762; Mar. 20.

Karlsruher Parfumerie & Toiletteseifen-Fabrik F. Wolff & Sohn, G. m. b. H., Karlsruhe, Germany, Perfume, toilet water, hair tonic, etc. 152,758; Apr. 3.
Karmol Laboratory. (See Cleves, William B.)
Karnes, E. L., doing business as The Puritol Company, Kansas City, Mo. Meat preservative, flavoring and coloring compound in liquid form. 171,369; Feb. 13.
Karp, George, doing business as George Karp & Son, Long Island City, N. Y. Cigar and cigarette humidors. 173,088; Feb. 27.
Karp, George, & Son. (See Karp, George.)
Karp, Joseph H., New York, N. Y. Nail bleach, nail polish, cold cream, sachet powder, lip stick, etc. 163,886; Feb. 6.
Karp, Joseph H., New York, N. Y. Bleaches for hats, shoes, and fabrics, tooth and skin bleaches, etc. 167,178; Feb. 6.
Karp, S., New York, N. Y. Ladies,' misses,' and children's coats, capes, wraps, mantles, etc. 183,156; Nov. 20.
Karp, Samuel D., Inc., New York, N. Y. Boys' camp suits. 164,501; Mar. 20.
Karpman, Alexander, doing business as Kiki Manufacturing Company, New York, N. Y. Perfumes. 170,390; Jan. 30.
Karton, Harry, doing business as Purity Chemical Co., Philadelphia, Pa. Face powder, rouge, toilet creams, toilet powder, perfumes, and sachet powder. 168,417; Jan. 23.
Kasco Mills, Inc., Waverly, N. Y. Dairy feed and rations. 158,872; June 5.
Kasdum Flour Company. (See Grossman, Joseph.)
Kase Electric Company, Duluth, Minn. Electric vaporizers. 172,421; Apr. 24.
Kassler, Max, doing business as City Naval Equipment Co., Brooklyn, N. Y. Chest and body protecting garments used as clothing. 179,731; Oct. 30.
Kassman & Kessner Inc, New York, N. Y. Men's hats and caps. 174,663; June 26.
Kassman & Kessner Inc., New York, N. Y. Men's hats and caps. 184,943; Nov. 27.
Katagi, Tamekichi, Seattle, Wash. Electrical stop and direction signal light systems for vehicles. 145,110; July 24.
Kattulas and Sotos, Williamsport, Pa. Medical compounds for the treatment of rheumatism. 177,674; Aug. 28.
Katz, B., & Son, New York, N. Y. Shopping bags. 185,467; Oct. 16.
Katz Bros. Leather Goods Co., New York, N. Y. Traveling bags, suitcases, and hatboxes. 186,843; Dec. 11.
Katz & Ogush, Inc., New York, N. Y. Platinum, gold, silver, etc., in bars, sheets, rolls, etc. 180,012; Aug. 7.
Katz & Ogush, Inc., New York, N. Y. Finger rings. 181,126; Nov. 27.
Katz & Ogush, Inc., New York, N. Y. Finger rings, bar and scarf pins, bracelets, etc. 184,168; Nov. 20.
Katz, Sigmund, doing business as Bluebell Malt Co., New York, N. Y. Pure malt extracts. 172,047; June 19.
Katz, Sigmund, doing business as Diamond Star Products Co., New York, N. Y. Pure malt extracts. 172,048; Jan. 30.
Katzenberg, A. S., & Bro., Baltimore, Md. Aprons and frocks. 185,022; Nov. 6.
Katzinger, Edward, Company, Chicago, Ill. Baking pans. 171,577–8; Feb. 6.
Katzinger, Edward, Company, Chicago, Ill. Baking pans. 173,192; Feb. 6.
Katzman, A. M., Corp., New York, N. Y. Perfumes. 180,068; Sept. 18.
Katzman, A. M., Corp., New York, N. Y. Perfumes. 180,069; Sept. 4.
Kaufman-Clifford, Inc., Chicago, Ill. Magazines published monthly. 173,331; June 26.
Kaufman, Fred, New York, N. Y. Watches and parts thereof. 179,796; July 24.
Kaufman, J., & Sons, New York, N. Y. Boys' sport caps. 175,499; June 5.
Kaufman-Rohrlich Knitting Mills, Inc., New York, N. Y. Sweaters and scarfs. 169,308; May 1.
Kaufman-Rohrlich Knitting Mills, Inc., New York, N. Y. Sweaters and scarfs. 183,836; Oct. 30.
Kaufmann Bros., New York, N. Y. Hair nets. 153,554–5; Jan. 16.
Kaufmann Department Stores, Inc., Pittsburgh, Pa. Golf balls. 186,429; Nov. 27.
Kaufmann, Wm., Geneva, Switzerland. Watches and parts thereof. 182,917; Dec. 11.
Kaupke Coffee Company, Cedar Rapids, Iowa. Spices, coffee, etc. 163,337; Sept. 25.
Kaustine Company, Inc., Buffalo, N. Y. Tanks for chemical toilets, septic tanks, etc. 177,086; Nov. 27.
Kayack, Frederick L., New York, N. Y. Salad dressing. 170,435; Apr. 3.
Kayline Company. (See Klein, Benjamin F.)
Kaynee Company, The, Cleveland, Ohio. Children's and youths' one-piece pyjamas. 126,219; Feb. 13.
Kaynee Company, The, Cleveland, Ohio. Children's undergarments. 126,220; Feb. 13.
Kaynee Company, The, Cleveland, Ohio. Children's rompers and play garments. 126,221; May 1.
Kaynee Company, The, Cleveland, Ohio. Overalls. 126,222; May 1.
Kaynee Company, The, Cleveland, Ohio. Youths' dress, negligee, and work shirts. 126,223; Feb. 13.
Kayser, Charles W., doing business as Charles W. Kayser & Co., San Francisco, Calif. Textile rugs. 170,530; Jan. 2.
Kayser, Charles W., & Co. (See Kayser, Charles W.)
Kayser, Julius & Co., New York, N. Y. Gloves. 174,208; June 12.
Kazol Laboratories. (See McCollam, Francis L.)
Keane Provision Co., Washington, D. C. Sausage and sausage meat. 175,085; July 3.
Kearns Coal Company, The, Cincinnati, Ohio. Coal. 182,246; Oct. 16.
Keck, Will G., Kecksburg, Pa. Beverages sold as soft drinks and sirups for making the same. 173,770; Mar. 13.
Kee Lox Manufacturing Company, Rochester, N. Y. Carbon paper. 153,297; May 8.
Kee Lox Manufacturing Company, Rochester, N. Y. Carbon paper. 177,384; May 15.
Keebler Weyl Baking Company, Philadelphia, Pa. Cookies. 171,851; Mar. 20.
Keedy, Pfaff & Co., Inc., Baltimore, Md. Knitted underwear, hosiery, and neckties. 182,754; Oct. 16.
Keeley Stove Company, The, Columbia, Pa. Coal, wood, and gas cooking and heating stoves and ranges and furnaces and heaters. 178,392; Sept. 4.
Keeley Stove Company, The, Columbia, Penn. Cooking and heating stoves and ranges, furnaces, and hot-water heaters. 178,393; June 5.
Keely, James H., Philadelphia, Pa. Raisins. 156,281; Apr. 10.
Keely & Watson, New York, N. Y. Woolen piece goods. 164,852; June 5.
Keep Komb Co., The, Atlanta, Ga. Preparation for dressing the hair. 175,560; May 15.
Keet & Roundtree Dry Goods Co., Springfield, Mo. Overalls, work shirts, jumpers, coats, and pants. 182,975; Oct. 16.
Keetle and Keetle, Ashland, Nebr. Preparation for treatment of fistula. 179,604; Aug. 14.
Keferstein, Starr & Co., Inc., New York, N. Y. Sealing wax. 180,800; Sept. 4.
Kehlor Flour Mills Company, St. Louis, Mo. Self-rising wheat flour. 163,523; Jan. 30.
Kehlor Flour Mills Company, St. Louis, Mo. Wheat flour. 169,908; July 31.
Kehlor Flour Mills Company, St. Louis, Mo. Wheat flour. 171,927; May 1.
Kehlor Flour Mills Company, St. Louis, Mo. Wheat flour. 182,419; Oct. 2.
Kehoe Preserving Company, Terre Haute, Ind. Vegetable seeds. 176,521; July 3.
Kehr, Ernest, Richmond Hill, New York, N. Y. Cough lozenges. 171,326; Apr. 10.
Keiper, A. August, doing business as Keiper Candy Co., Wilkes-Barre, Pa. Candy and a candied sweetmeat—namely, pop corn. 160,014; Feb. 13.
Keiper Candy Co. (See Keiper, A. August.)
Keith, Geo. E., Company, Brockton, Mass. Leather boots and shoes. 152,760; Apr. 3.
Keith, Geo. E., Company, Brockton, Mass. Boot and shoe tips and counters. 177,675; July 24.
Keith, Simmons & Co., Nashville, Tenn. Blasting paper used by miners. 172,994; Mar. 20.
Kekionga Scalp Tonic Company. (See Callow, Horace F.)
Kell Milling Company, Vernon, Tex. Hard-wheat flour. 177,385; Dec. 18.
Kell Milling Company, Vernon, Tex. Hard-wheat flour. 181,127; Dec. 18.
Keller, George J., Newark, N. J. Watches. 175,429; Dec. 4.
Keller, George E., Laboratories, Huxley, Iowa. Flour made of cornstarch, etc., to be mixed with wheat flour. 156,495; Feb. 6.
Keller, Matthew F., Springfield, Ohio. Paints, enamels, colors, etc. 137,528; Aug. 14.
Keller-Snelson Co., Vinita, Okla. Remedy for dandruff. 168,265; Jan. 2.
Kelley, Frederick W., Glenwood, Iowa. Medicinal preparation used in the treatment of galls, sores, etc., on horses. 181,601; Sept. 18.
Kelley, Grant S., Inc., New York, N. Y. Woolen goods in the piece. 175,930; Apr. 10.
Kelley Island Line and Transport Company, Cleveland, Ohio. Hydrated lime for agricultural purposes. 181,128; Nov. 20.
Kelley, Lucille B., doing business as Jimmy Boy Doll Co., Sidney, Ohio. Dolls. 175,660; Apr. 24.
Kellogg Company, Battle Creek, Mich. Coffeelike beverage. 177,914; July 24.
Kellogg Drake & Co., Galesburg, Ill. Cloaks, suits, dresses, and hosiery. 176,836; Oct. 30.
Kellogg's Pep & Zep Products, Inc., New York, N. Y. Cereal breakfast food. 182,543; Dec. 11.
Kellogg, R. M., Co., Three Rivers, Mich. Strawberry plants. 179,870–1; Nov. 27.
Kellogg Toasted Corn Flake Co., Battle Creek, Mich. Cereal breakfast food. 156,905; Mar. 20.

Alphabetical list of trade-mark applicants—Continued.

Kellogg Toasted Corn Flake Co., Battle Creek, Mich. Cereal breakfast foods. 172,884; July 24.
Kellom, Charles F., doing business as Chas. F. Kellom & Co., Philadelphia, Pa. Crude oil, gasoline, and kerosene. 161,840; May 29.
Kellum Company, The, Kansas City, Mo. Coffee. 184,135; Nov. 13.
Kellum Company, The, Kansas City, Mo. Coffee. 184,136; Oct. 9.
Kelly Axe Manufacturing Company, Charleston, W. Va. Hammers. 180,666; Aug. 7.
Kelly, Douglas & Co., Vancouver, British Columbia, Canada. Tea. 159,755; Mar. 6.
Kelly, F., Company, The, Derby, Conn. Safety pins. 170,686; Jan. 9.
Kelly Feature Film Co. (See Kelly, James T.)
Kelly, James T., doing business as Kelly Feature Film Co., Los Angeles, Calif. Motion-picture films issued serially. 170,652; Feb. 20.
Kelly-Lester Milk Company, Philadelphia, Pa. Raw milk, raw cream, butter, milk and cottage cheese. 168,717; June 5.
Kelly-Springfield Tire Company, New York, N. Y. Resilient vehicle tires. 168,046; Mar. 27.
Kelsey Textile Corporation, New York, N. Y. Cotton piece goods. 179,275; June 5.
Kelsey Textile Corporation, New York, N. Y. Cotton piece goods. 183,747–9; Sept. 18.
Kemoshyne Products, Inc., Camden, N. J. Preparation for cleansing and polishing bathtubs, washstands, etc. 173,838; Aug. 7.
Kemp, Walter D., New York, N. Y. Sandwichlike product. 155,352; Sept. 18.
Kemper, Chas. M., doing business as Radio Products Company, Westport, Conn. Radio telegraph and telephone apparatus and appliances. 169,909; Feb. 20.
Kendall Mfg. Co., Providence, R. I., Soaps. 170,487; Apr. 24.
Kendrick, James R., Co., Inc., Philadelphia, Pa. Knitted elastic fabric in the piece. 162,678; Aug. 7.
Kenilworth Manufacturing Co. Inc., New York, N. Y. Knickerbockers or bloomers to be worn as outer garments or undergarments. 170,887; June 26.
Kenlit Mfg. Co., Medford, Mass. Textile-fabric sheeting coated with compositions. 152,076; Feb. 27.
Kennard, Victor P., Greenland, N. H. Jellies. 169,976; Aug. 28.
Kennard, Victor P., Greenland, N. H. Jellies. 176,130; July 3.
Kennedy, Colin B., Company, The, St. Louis, Mo. Radio receiving sets and parts thereof. 180,705; Oct. 9.
Kennedy, Colin B., Company, The, St. Louis, Mo. Radio receiving sets and parts therefor. 180,706; Aug. 21.
Kennedy Valve Mfg. Co., The, Elmira, N. Y. Fire hydrants, indicator posts, gate valves, etc. 156,088–9; May 22.
Kenny, C. D., Company, Baltimore, Md. Coffee. 167,944; May 8.
Kenny, C. D., Company, Baltimore, Md. Coffee. 178,257; July 24.
Kent-Costikyan Trading Company Inc., New York, N. Y. Textile rugs. 175,661; Apr. 24.
Kent Machine Works, Inc., Brooklyn, N. Y. Jacks. 174,578; Mar. 20.
Kent, Michael W., doing business as Kent Company, Kansas City, Mo. Dentifrice. 178,724; July 17.
Kent-Owens Machine Company, The, Toledo, Ohio. Nonferrous casting alloy. 166,077; Mar. 20.
Kentucky Fluor Spar Co., Marion, Ky. Ground, lump, and gravel fluor spar. 171,541; Feb. 13.
Kentucky Independent Oil Company, The, Covington, Ky. Lubricating motor oil. 184,285; Oct. 23.
Kentucky Independent Oil Company, The, Covington, Ky. Motor oil and gasoline. 184,286; Nov. 20.
Kentucky Rock Asphalt Co., Louisville, Ky. Asphalt. 178,047; May 29.
Kentucky Rock Asphalt Company, Louisville, Ky. Asphalt. 183,387; Nov. 27.
Kentwood Ice Manufacturing & Bottling Works, Ltd., Kentwood, La. Ice cream, butter, ice-cream mix, and condensed milk. 178,444–5; Nov. 6.
Kenwood Dairy Company, Chicago, Ill. Raw milk. 176,082; Dec. 4.
Kenyon, C., Company, Inc., Brooklyn, N. Y. Rubber tires and tubes. 165,960; Feb. 20.
Keokuk Canning Company, Keokuk, Iowa. Canned tomatoes and preserved pickles. 179,276; Sept. 11.
Kerfoot, Thomas, & Co., Limited, Bardsley, England. Inhalant for the relief of colds in the head. 187,424; Dec. 25.
Kerite Insulated Wire & Cable Company, Inc., The, Seymour, Conn., and New York, N. Y. Insulated wire and cables. 178,106; July 24.
Kerite Insulated Wire & Cable Company, Inc., The, Seymour, Conn., and New York, N. Y. Insulated wire and cables. 178,107; May 23.
Kermes, Max, Hainichen, Germany. Medical and surgical bandages. 137,944; Mar. 27.
Kermul Products, Inc., New York, N. Y. Wonder soap, body wash, floor cleanser, glass polish, metal polish, etc. 173,968; Apr. 24.
Kern, George, Inc., New York, N. Y. Food product consisting of tongues of animals. 163,450; Jan. 9.
Kerr Chickeries Incorporated, The, Frenchtown, N. J. Live chicks. 164,763; Feb. 27.
Kerr Chickeries Incorporated, The, Frenchtown, N. J. Eggs. 178,851; Oct. 30.
Kerr Turbine Co., Wellsville, N. Y. Turbines and reduction gears. 177,978; July 10.
Kesting, Harry A., Kansas City, Mo. Pop corn. 182,420; Oct. 16.
Kett, R. G., Co. (See Kett, Rudolph G.)
Kett, Rudolph G., doing business as R. G. Kett Co., Milwaukee, Wis. Preparation for the treatment of goiter. 162,116; Jan. 9.
Kevil Cereal Company, Princeton, Ky. Cereals made from wheat bran, honey, and salt. 169,550; Feb. 27.
Key Chemical Co., Washington, D. C. Catarrh cream, nasal spray, preparation for removing corns. 166,376; Jan. 2.
Keydel Co., The. (See Keydel, Oscar F.)
Keydel, Oscar F., doing business as The Keydel Co., Detroit, Mich. Window wipers. 160,612; Feb. 6.
Keynote Manufacturing Co., Inc., Indianapolis, Ind. Cooling chest. 171,086; Apr. 10.
Keynote Manufacturing Co., Inc., Indianapolis, Ind. Septic tanks. 176,480; July 17.
Keystone Business Service Co. Inc., Scranton, Pa. Blank books. 185,082; Nov. 20.
Keystone Company of San Jose, The, also doing business as Keystone Company, San Jose, Calif. Canned vegetables and fruits, flavoring extracts, etc. 184,078; Dec. 18.
Keystone Consolidated Publishing Company, Pittsburgh, Pa. Industrial and trade directories, directories of one or more specific industries, and combined catalogues, 173,288; Feb. 27.
Keystone Drain Board Co. (See Leffler, Howard.)
Keystone Flour Company, Clearfield, Pa. Wheat flour. 163,336; Jan. 30.
Keystone Fruit Products Company, Cincinnati, Ohio. Bakers' vanilla, tomato bouillon, cocoa paste, etc. 143,501; Aug. 28.
Keystone Fruit Products Company, Cincinnati, Ohio. Preserved fruit. 177,607; July 17.
Keystone Fruit Products Company, Cincinnati, Ohio. Preserved fruit. 177,608; Nov. 6.
Keystone Laboratories, Roaring Springs, Pa. Germicides and disinfectants. 177,005; Dec. 18.
Keystone Lubricating Company, Philadelphia, Pa. Lubricants comprising oils and greases. 178,508–12; May 15.
Keystone Lubricating Company, Philadelphia, Pa. Lubricants comprising oils and greases. 178,514–21; May 15.
Keystone Lubricating Company, Philadelphia, Pa. Lubricants comprising oils and greases. 178,726–37; May 15.
Keystone Lubricating Company, Philadelphia, Pa. Lubricants comprising oils and greases. 178,738; June 19.
Keystone Lubricating Company, Philadelphia, Pa. Lubricants comprising oils and greases. 178,739–41; May 15.
Keystone Lubricating Company, Philadelphia, Pa. Grease and oil cups and lubricators. 179,005; Aug. 14.
Keystone Macaroni Manufacturing Company, Lebanon, Pa. Macaroni products. 181,129; Oct. 16.
Keystone Macaroni Manufacturing Company, Lebanon, Pa. Macaroni products. 181,130; Oct. 23.
Keystone Macaroni Manufacturing Company, Lebanon, Pa. Macaroni products. 181,131–3; Oct. 16.
Keystone Manufacturing Co., The, Buffalo, N. Y. Stud drivers, pipe and nut wrenches, drilling posts, etc. 169,716; Jan. 9.
Keystone Perfume Company. (See Vail Brothers.)
Keystone Publishing Co., Philadelphia, Pa. Monthly magazine. 179,374; Aug. 28.
Keystone Refractories Company, Jersey City, N. J. Furnace mortar. 184,913; Dec. 4.
Keystone Refractories Company, Jersey City, N. J. Ganister. 184,944; Dec. 11.
Keystone Steel & Wire Company, Bartonville, Peoria, Ill. Wire fence and barbed wire. 180,935; Sept. 18.
Keystone Steel & Wire Company, Bartonville, Peoria, Ill. Wire fence and barbed wire. 183,655; Sept. 18.
Keystone Steel & Wire Company, Bartonville, Peoria, Ill. Plain galvanized wire and galvanized telephone wire. 184,730–1; Sept. 18.
Keystone Varnish Company, Brooklyn, N. Y. Preparation used in the manufacture of floor paints, enamels, etc. 176,351; Apr. 17.
Kibbe Brothers Company, Springfield, Mass. Chocolates. 167,723–4; Mar. 6.
Kickbusch, A., Grocery Company, Wausau, Wis. Canned fruits and vegetables, coffee, tea, and prepared mustard. 177,387; May 29.
Kidd and Company, Inc., Chicago, Ill. Peanut butter. 177,304; Aug. 14.
Kidder, Samuel, & Co. Inc., Boston, Mass. Asthmatic pastils. 168,974; Mar. 20.
Kiddie Coat Manufacturing Co., New York, N. Y. Infants' and girls' coats. 161,078; Jan. 23.
Kiddie-Town Products, Inc., Seneca Falls, N. Y. Crib beds. 156,067; Feb. 27.
Kiddyall Manufacturing Company, Brooklyn, N. Y. Outer play suits for boys. 184,863; Nov. 13.
Kids Nobby Klothes, Inc., New York, N. Y. Boys' suits and topcoats. 160,067; Feb. 27.
Kieley & Mueller, Inc., New York, N. Y. Valves, traps, and regulators. 183,071; Sept. 11.

Alphabetical list of trade-mark applicants—Continued.

Kiggins & Tooker Co., New York, N. Y. Golf-score holders. 169,133; Dec. 25.
Kiki Manufacturing Company. (See Karpman, Alexander.)
Kil-Tone Company, The, Vineland, N. J. Insecticide 177,130; June 12.
Kil-Tone Company, The, Vineland, N. J. Insecticide and fungicide. 177,561; Aug. 7.
Kilbourne & Jacobs Manufacturing Company, The, Columbus, Ohio. Wheelbarrows and parts thereof. 168,845; Feb. 6.
Kilby Frog & Switch Co., Birmingham, Ala. Railroad frogs. 152,224; Apr. 10.
Kilgore Mfg. Co., The, Westerville, Ohio. Pistols. 186,914; Dec. 4.
Killfeather, Gertrude, Spokane, Wash. Young girls' dresses. 183,157; Sept. 25.
Killian, W. H., Co., The, Baltimore, Md. Foodstuffs preserved in hermitically-sealed containers. 167,179; May 8.
Kilzol Products Company, The, New York, N. Y. Insecticides, disinfectants, and deoderizers. 171,274; Apr. 24.
Kimball, C. M., Company, Winthrop, Mass. Metal, silver, and stove polishes. 153,003; Nov. 13.
Kimball, C. M., Company, Winthrop, Mass. Ammonia. 171,805; Feb. 20.
Kimball, C. M., Company, Winthrop, Mass. Ammonia. 172,000; Feb. 20.
Kimball, C. M., Company, Winthrop, Mass. Silver polish. 181,191; Nov. 13.
Kimball, C. M., Company, Winthrop, Mass. Stove polish. 181,192; Nov. 13.
Kimbalton Lime Company, Inc., Kimbalton, Va. Lime. 170,822; Apr. 17.
Kimberly-Clark Company, Neenah, Wis. Book papers. 175,662; Apr. 3.
Kimberly-Clark Company, Neenah, Wis. Book papers. 175,663–4; Apr. 3.
Kimble Electric Company, Chicago, Ill. Electric motors. 186,844; Dec. 25.
Kimble, Mary A., New Orleans, La. Medicated health tonic used in the treatment of kidney diseases, etc. 176,481; Dec. 18.
Kin, Yamei, New York, N. Y. Curd meat from the soyer. 131,177; Apr. 24.
King Candy Co., Fort Worth, Tex. Candies. 169,551; May 1.
King Candy Co., Fort Worth, Tex. Candies. 172,113; Apr. 10.
King Coal Company, San Francisco, Calif. Coal. 167,966; Apr. 3.
King Features Syndicate, Inc., New York, N. Y. Cartoons. 185,468; Nov. 20.
King, Frank O., Chicago, Ill. Dolls. 172,598; Jan. 30.
King, Frank O., Chicago, Ill. Dolls. 177,228; Apr. 24.
King, Frank O., Chicago, Ill. Toy dogs. 177,229; June 19.
King, George W., Boston, Mass. Edible vegetable fats and oils. 164,111; July 24.
King, H. H., Flour Mills Company, Minneapolis, Minn. Wheat flour. 184,736; Dec. 25.
King, H. P., Company, The, Bristol, Tenn. Men's and boys' ties, dress and negligee shirts, suits, etc. 184,615; Nov. 27.
King, John D., sr., Charleston, W. Va. Salve, ointment, and liniment to be used in the treatment of sore throat, whooping cough, etc. 171,928; Feb. 20.
King, John P., Manufacturing Co., The, Augusta, Ga. Cotton piece goods. 166,373; Sept. 18.
King, John P., Manufacturing Co., The, Augusta, Ga. Cotton piece goods. 173,570; Apr. 10.
King Lockwood Co., Bristol, Tenn. Overalls and coats. 182,827; Oct. 2.
King, M. D., Milling Company, Pittsfield, Ill. Wheat flour. 176,192–3; Aug. 14.
King, M. D., Milling Company, Pittsfield, Ill. Self-rising flour. 184,079–80; Dec. 25.
King Milling Co., Lowell, Mich. Wheat flour. 182,422; Nov. 13.
King Milling Co., Lowell, Mich. Wheat flour. 182,755; Nov. 20.
King Overall Co. Inc., The, Suffolk, Va. Overalls, shirts, underwear, and pyjamas. 183,388; Oct. 30.
King Player Action Company, Inc., New York, N. Y. Piano-player actions. 172,420; Apr. 24.
King & Winston Products Co. (See Bishop, Arthur W.)
King, Wm. C., Scott City, Kans. Medicine for treatment of tuberculosis, chronic coughs, colds, etc. 172,477; Apr. 3.
Kingly Shirt Co., Chicago, Ill. Men's and boys' shirts. 169,363; May 8.
Kings County Packing Co., Armona, Calif. Canned fruits and vegetables. 168,041; Feb. 6.
Kings County Packing Co., Armona, Calif. Canned fruits. 168,042; July 24.
Kings County Packing Co., Armona, Calif. Canned fruits. 168,043–4; Mar. 27.
Kings County Packing Company, Armona, Calif. Canned fruits and vegetables. 168,418; Mar. 27.
Kings County Packing Co., Armona, Calif. Canned fruits. 168,419; Feb. 20.
Kings County Packing Co., Armona, Calif. Canned fruits and vegetables. 168,420; Feb. 13.
Kings County Packing Co., Armona, Calif. Canned fruits. 168,421; May 15.
Kings County Packing Co., Armona, Calif. Canned fruits. 168,422; Sept. 4.
Kings County Packing Co., Armona, Calif. Canned fruits and vegetables. 171,327; May 15.
Kings County Packing Co., Armona, Calif. Canned and preserved figs, canned fruits and vegetables. 171,328; June 26.
Kings County Packing Co., Armona, Calif. Canned fruits. 171,329; June 26.
King's Food Products Company, Portland, Oreg. Canned and dehydrated fruits and vegetables. 165,388; Feb. 13.
King's Food Products Company, Portland, Oreg. Canned and dehydrated fruits and vegetables. 165,389; Mar. 6.
King's Food Products Company, Portland, Oreg. Canned and dehydrated fruits and vegetables. 165,390; Feb. 13.
Kings Food Products Co., Portland, Oreg. Canned and dehydrated fruits and vegetables. 165,391; Feb. 27.
King's Food Products Company, Portland, Oreg. Canned and dehydrated fruits and vegetables. 165,392; Dec. 4.
King's Food Products Company, Portland, Oreg. Canned and dehydrated fruits and vegetables. 165,393; Feb. 13.
King's Food Products Co., Portland, Oreg. Canned and dehydrated fruits and vegetables. 171,129; July 3.
Kingsbury Company, The, Fort Wayne, Ind. Foot-bath preparations. 167,965; June 5.
Kingston Knitting Company. (See Brine, James W., Company.)
Kinloch Hosiery Mills, The, Chicago, Ill. Hosiery. 169,956; Feb. 13.
Kinnear Manufacturing Company, The, Columbus, Ohio. Metallic fire-resisting shutters, curtains, and doors. 163,525; Dec. 25.
Kinney Brothers, Binghamton, N. Y. Butter. 103,894; Oct. 23.
Kinney, James M., Yonkers, N. Y. Brassières and corsets. 181,898; Sept. 11.
Kip, Frederic E., New York, N. Y. Fresh and preserved fruits and vegetables. 168,682; Mar. 27.
Kirby, Beard & Co., Ltd., Birmingham, England. Pins and hairpins of nonprecious metal and hand sewing needles. 172,228; May 1.
Kirby, Beard & Co., Ltd., Birmingham, England. Pins and hairpins of nonprecious metal. 172,229; May 1.
Kirby, Beard & Co., Ltd., Birmingham, England. Pins of nonprecious metal. 172,230; May 1.
Kirby, Beard & Co., Ltd., Birmingham, England. Pins and hairpins and hand sewing needles. 172,681; May 1.
Kirby, Ernest V., doing business as Mountain Dew Co., Urbana, Ill. Beverages sold as soft drinks and sirups therefor. 175,249; May 15.
Kirk, Samuel & Sons, Limited, Bradford, England. Piece goods composed of an admixture of wool and cotton. 132,052; Apr. 3.
Kirkendall, F. P., & Co., Omaha, Nebr. Leather shoes and boots. 170,488; Mar. 20.
Kirkpatrick, John, Richland Center, Wis. Cheese. 172,599; May 1.
Kirkpatrick, John, Richland Center, Wis. Cheese. 172,600; Nov. 6.
Kirkpatrick, L. H., Walsenburg, Colo. Beverages sold as soft drinks. 182,756; Dec. 25.
Kirsch, David, Montreal, Canada, and New York, N. Y. Sporting hosiery. 159,093; Feb. 27.
Kirsch, H., & Co., Brooklyn, N. Y. Ginger ale, sarsaparilla, cream soda, celery, etc., beverages, and sirups for making the same. 175,400; Apr. 17.
Kirsch, H., & Company, Brooklyn, N. Y. Ginger ale, sarsaparilla, etc., sold as soft drinks and sirup for making the same. 187,319; Dec. 4.
Kirschbaum, A. B., Company, Philadelphia, Pa. Men's and young men's outer suits. 182,709; Dec. 11.
Kirshbaum, R., & Son, Inc., Indianapolis, Ind. Ladies' dresses, coats, and blouses. 169,957; May 8.
Kirschbraun & Sons, Inc., Omaha, Nebr. Butter. 161,687; June 5.
Kirschbraun & Sons, Inc., Omaha, Nebr. Creamery butter. 167,819; Feb. 6.
Kirschner, M., & Sons, doing business as Daintimiss Dressmakers, and also doing business as Marjoline Dresses, New York, N. Y. Dresses, capes, sport suits, outer skirts, waists, etc. 176,742; May 22.
Kirschner, M., & Sons, New York, N. Y. Cloaks, suits, dresses. 178,345–6; July 10.
Kisco Pharmacal Co. (See Schuman, Lewis.)
Kisker, John V., & Co., Cincinnati, Ohio. Eggs. 178,258; Aug. 21.
Kiss and Choka, Moline, Ill. Rail chairs. 175,250; Aug. 21.
Kistler Leather Company, South Boston, Mass. Leather. 158,931; Feb. 27.
Kistler Leather Company, South Boston, Mass. Leather. 175,991; July 3.
Kittle, A. F., doing business as A. F. Kittle & Co., Los Angeles, Calif. Canned fish, fruit, and vegetables. 173,772; June 5.
Kjelgaard, Gregers, G. B., Hoosick Falls, N. Y. Swimming apparatus. 187,822; Dec. 18.
Klamath River Packers Assn., Requa, Calif. Canned salmon. 184,864; Dec. 18.

Alphabetical list of trade-mark applicants—Continued.

Klapp, Charles L., St. Louis, Mo. Face powder, face creams, perfume, etc. 155,696; Feb. 27.
Klauber Bros. & Co., New York, N. Y. Cotton piece goods. 174,246; Mar. 6.
Klauber Wangenheim Co., San Diego, Calif. Coffee. 176,896; May 29.
Klauser, Arthur O., doing business as The Von Kapff Inhaler Co., Toledo, Ohio. Medicines for respiratory passages. 173,091; Aug. 21.
Kleans-It Manufacturing Co., The. (See Hugh, John S.)
Klebanoff, David, doing business as Pestine Chemical Co., Philadelphia, Pa. Insecticides. 179,375; Sept. 11.
Kleen Products Co. (See Tietjen, G. D.)
Klein, Alec, doing business as F. L. Klein Noodle Co., Chicago, Ill. Saratoga potato chips, macaroni, egg noodles, and spaghetti. 163,154; Aug. 14.
Klein, Benjamin F., doing business as Kayline Company, Cleveland, Ohio. Electric-light fixtures. 181,530; Oct. 9.
Klein, Benjamin F., doing business as Kayline Company, Cleveland, Ohio. Electric-lighting fixtures. 181,531; Oct. 9.
Klein, David, doing business as St. James Market Samuel Klein & Son, Brooklyn, N. Y. Dressed meats, poultry, game, etc. 175,872; Sept. 11.
Klein, Jack, doing business as J. Klein Co., New York, N. Y. Handkerchiefs. 177,388; May 22.
Klein, Jack, doing business as J. Klein Co., New York, N. Y. Handkerchiefs. 186,915–16; Dec. 25.
Klein, L., Inc., Chicago, Ill. Men's hats and shirts. 174,308; Sept. 11.
Klein, L., Inc., Chicago, Ill. Men's and boys' suits, overcoats, and hats. 174,309; July 17.
Klein, L., Inc., Chicago, Ill. Wheat flour, canned fruits, vegetables, etc. 174,310; Sept. 18.
Klein-Messner Co., Inc., New York, N. Y. Cotton piece goods. 171,331; June 26.
Klein, Samuel, New York, N. Y. Ladies' dresses, coats, and suits. 144,081; Aug. 7.
Kleiner, Theodore, doing business as Lemon Products Company, Santa Barbara, Calif., Salve and lotion for the skin and scalp. 180,124; Sept. 18.
Kleinert, I. B., Rubber Company, New York, N. Y. Dress shields. 179,104; July 3.
Kleinert, I. B., Rubber Company, New York, N. Y. Dress shields. 179,105; July 31.
Kleinschmidt Electric Co., Inc., Long Island City, N. Y. Telegraph apparatus. 168,894; June 12.
Kleis, Adolf J., doing business as Sheik Toilet Products Company, Chicago, Ill. Hair dressing. 177,443; Sept. 4.
Kleis, Adolf J., doing business as Sheik Toilet Products Company, Chicago, Ill. Hair dressing. 177,444; Sept. 25.
Klekner, Albert, doing business as French American Mfg. Co., New York, N. Y. Tapestries, panels, center pieces, and runners. 176,410; Dec. 11.
Klensch, J. W., & Co., Incorporated, New York, N. Y. Cheese. 159,709; Dec. 11.
Klerol Laboratories, Inc., Buffalo, N. Y. Ointment used externally for treating eczema, hemorrhoids, skin eruptions, etc. 170,021; Jan. 9.
Klin, Urban A., doing business as Klin Bros. Golf Mfg. Co., Homewood, Ill. Golf clubs. 184,504; Nov. 6.
Kline, Dr. R. H., Co. (See Chappell, Alexander W.)
Kline, Edward A., doing business as E. A. Kline & Co., New York, N. Y. Cigars. 176,632; June 12.
Kline, Edward A., doing business as E. A. Kline & Co., New York, N. Y. Tobacco products. 182,591; Oct. 23.
Kling Bros. & Co. Inc., Chicago, Ill. Bathing suits, sweaters, sport vests and coats, caps, and mufflers. 159,209; Mar. 20.
Kling-Tite Products Co., Chicago, Ill. Ready-mixed roof paint. 170,687; Jan. 9.
Klipstein, Tobias, New York, N. Y. Coats. 159.267; Dec. 4.
"Klipto" Loose Leaf Manufacturing Co., The. (See Bennett, Geo. A.)
Klosner, Morris, doing business as Klosner Improved Apparatus Company, New York, N. Y. Electric switches, telephone-control switches, amplifier-control switches, etc. 174,579; July 24.
Klug, William, Brooklyn, N. Y. Ice-cream preparation. 174,696; July 3.
Kluk Chemical Co. (See Carpenter, Walter M.)
Knapp Brothers Manufacturing Company, Chicago, Ill. Bull-nose corner beads, small-nose corner beads, rail corner beads, etc. 174,082; June 5.
Knapstein, T. L., Appleton, Wis. Cheese. 170,071; Mar. 27.
Knell, Louis, doing business as Armored Trunk Mfg. Co., Youngstown, Ohio. Trunks. 184,914; Oct. 30.
Knight, B. B. & R., Inc., Providence, R. I., and New York, N. Y. Nurses' and maids' uniforms, caps, and aprons, men's and boys' shirts, etc. 172,682; Aug. 7.
Knight, B. B. & R., Inc., Providence, R. I., and New York, N. Y. Sheets and pillowcases. 181,489; Aug. 7.
Knight, Edward B., doing business as E. Ben Knight, Penn Yan, N. Y. Salves or ointments and oils as remedial agents for cuts, burns, sprains, catarrh, etc. 171,176; Feb. 20.
Knight, Joe M., Elfers, Fla. Oranges, grapefruit, and citrous fruit in their natural state. 168,848; May 1.
Knight, Nita G., Boundbrook, N. J. Candy. 162,824; May 22.
Knight, Thomas J., doing business as Knight Drug Co., Plant City, Fla. Sorehead remedy for chickens. 158,875; May 8.
Knighthood Flour and Cereal Co. (See Atkinson, Frederick C.)
Knitted Textiles Corporation, New York, N. Y., and Allentown, Pa. Knitted fabrics in the piece and woven silk and cotton piece goods. 174,311; May 29.
Knitted Textiles Corporation, New York, N. Y., and Allentown, Pa. Woven and knitted textile fabrics in the piece and cotton and wool piece goods. 179,798–9; July 3.
Knitted Textiles Corporation, Allentown, Pa. Fabrics knitted of worsted, worsted and fiber, silk, and all fiber silk. 181,752; Aug. 7.
Knitwear Manufacturing Co., Inc., Brooklyn, N. Y. Knitted sweaters and dress skirts. 157,431; July 3.
Knopf, Alfred A., Inc., New York, N. Y. Completely-printed books. 170,653; Sept. 25.
Knothe Brothers Co., Inc., New York, N. Y. Pyjamas, dress and negligee shirts, nightshirts, and men's robes. 171,422; July 3.
Knothe Brothers Co., Inc., New York, N. Y. Garters, waist belts, and suspenders. 177,915; July 31.
Knowles, J. C., Monticello, Calif. Fresh deciduous fruit. 169,404; Feb. 27.
Knowlton, E. W., doing business as Knowlton Laboratories, Pasadena, Calif. Preparation for use in internal inflammation. 169,977; Jan. 23.
Knowlton Laboratories. (See Knowlton, E. W.)
Knox Hat Company, Inc., New York, N. Y. Hats for men, women, and children. 171,806; Apr. 24.
Knox, James H., Hardisty, Alberta, Canada. Veterinary and poultry medicines. 164,505; Feb. 6.
Knox Pharmacal Company, Rockland, Me. Tonic for cats and kittens. 177,131; June 12.
Knoxall Novelties, Inc., New York, N. Y. Play balls and beach balls. 169,857; Feb. 6.
Kobayashi, H., & Co., Inc., New York, N. Y. Broad silks and silk and cotton goods in the piece. 170,769; June 19.
Koblenzer, Sidney J., doing business as M. Koblenzer & Son, New York, N. Y. Shirts, pyjamas, underwear, hats, hose, etc. 179,153; July 24.
Kobolt, George E., Chicago, Ill. Manicure preparations. 173,711; Apr. 10.
Kobylanski, John F., doing business as Five Brothers Medicine Co., Gary, Ind. Liniments and pills. 176,838; Aug. 14.
Koch, H. C. F., & Co., Inc., New York, N. Y. Hosiery. 177,389; Sept. 11.
Kockos Bros., Inc., San Francisco, Calif. Canned fruits, vegetables, and fish. 183,216–17; Sept. 18.
Koefoed, Hauberg, Marstrand & Helweg, Copenhagen, Denmark. Centrifugal oil purifiers or oil separators. 177,042; Aug. 28.
Koehler Manufacturing Company, Marlboro, Mass. Storage batteries, mine lamps, charging apparatus for mine lamps, and parts of such articles and apparatus. 171,643; Jan. 9.
Koehn, Edouard, Geneva, Switzerland. Index thermometers. 164,057; May 15.
Koenig, Abraham M., New York, N. Y. All-leather and imitation-leather merchandise and eyeglass receptacles. 159,756; Jan. 9.
Koetter, William H., doing business as Koetter Manufacturing Co., Peoria, Ill. Carbon remover for gasoline engines. 180,126; July 31.
Kohler Company, Kohler, Wis. Electric generating plants. 172,889; Feb. 20.
Kohn and Silverberg, Chicago, Ill. Dyes and dye sticks. 179,208; Aug. 14.
Kohnstamm, H., & Co., Inc. (See Kohnstamm, H., & Co., assignor.)
Kohnstamm, H., & Co., New York, N. Y., assignor to H. Kohnstamm & Co., Inc. Washing powder for laundry purposes. 154,369; Jan. 2.
Kohnstamm, H., & Co., Inc., New York, N. Y. Washing powder. 180,375; July 24.
Kohr Mfg. Co., Middletown, Pa. Medicinal preparation for treatment of eczema, tetter, etc. 179,732; Sept. 18.
Kokomo Automotive Mfg. Co., Kokomo, Ind. Automobile rear-view mirrors and windshield wings. 186,278–9; Dec. 11.
Kokomo Grocers Dairy Products Company, The, Kokomo, Ind. Bottled milk. 168,533; Sept. 11.
Kolbe Paint Company, The, Cincinnati, Ohio. Ready-mixed paints, house paints, paint enamels, varnishes, etc. 175,358; Apr. 17.
Kolber, Michael, New York, N. Y. Men's dress and negligee shirts. 178,926–7; Aug. 28.
Kolbert, Edward, & Sons, New York, N. Y. Fur collars and cuffs. 182,248; Oct. 2.
Kolkebeck, John F., New York, N. Y. Leather shoes. 175,723; July 3.
Koncrete Exterior Stucco Company. (See Platner, William H.)
Kondo Novelty Co., The, Mount Vernon, N. Y. Hosiery supporters. 170,201; Apr. 3.

Konroe Merchants. (See Roberts, Samuel.)
Kools Manufacturing Company, Appleton, Wis. Vegetable-paring machines. 179,605; Aug. 14.
Kop Bros., New York, N. Y. Corsets, brassières, corset covers, waists, and underwear of textile fabric for women. 167,986; Jan. 2.
Kopf Bros. Co., The, New Haven, Conn. Grapefruit. 183,451; Oct. 16.
Kops Bros., New York, N. Y. Corsets, brassières, corset covers, waists, and underwear for women. 167,987; Apr. 24.
Kops Bros., New York, N. Y. Corsets, brassières, and underwear. 169,019; aJn. 2.
Kops Bros., New York, N. Y. Corsets, brassières, and underwear. 169,021; Jan. 2.
Kops Bros., New York, N. Y. Corsets, brassières, and underwear. 169,023; Jan. 2.
Kops Bros., New York, N. Y. Corsets, brassières, and underwear. 169,025; Jan. 2.
Kops Bros., New York, N. Y. Corsets, brassières, and underwear. 169,027; Jan. 2.
Kops Bros., New York, N. Y. Corsets, brassières, and underwear of textile fabric for women. 169,811; Feb. 13.
Kops Bros., New York, N. Y. Corsets, brassières, and underwear. 174,247; Nov. 13.
Kops Bros., New York, N. Y. Corsets, brassières, and underwear for women. 174,248–50; Sept. 18.
Kops Bros., New York, N. Y. Corsets, brassières, and underwear. 184,247–8; Oct. 16.
Kops Bros., New York, N. Y. Corsets, brassières, and underwear. 184,470; Nov. 6.
Koppe, Edgar J., doing business as The Tex-Alie Company, Los Angeles, Calif. Tamales. 179,154; Sept. 25.
Koppel Industrial Car & Equipment Company. Koppel and Pittsburgh, Pa. Box, stock, gondola, tank, dump, platform, etc., cars. 165,447–50; Mar. 13.
Koppel, Jacob, New York, N. Y. Cigars, cigarettes, and smoking tobacco. 185,125; Nov. 20.
Korn Bros., New York, N. Y. Sweaters, cardigan jackets, scarfs, bathing suits, etc. 185,342; Nov. 20.
Korn, Wald, Davenport, Iowa. Motor cycles. 175,086; Apr. 10
Koronkowa Medicine Company. (See Burke, Claude A.)
Kortenbach & Rauh, Weyer, Germany. Umbrellas. 162,556; May 1.
Kortenbach & Rauh, Weyer, Germany. Umbrellas. 162,557; May 8.
Kosinski, Konstantin, Ipswich, Mass. Oil to prevent perspiration of the feet. 172,601; Mar. 6.
Kosmos Chemical Company, Cincinnati, Ohio. Fingernail liquid gloss. 160,140; May 29.
Kosofsky, Aaron, doing business as Hudson Bay Fur Company, New York, N. Y. Chemical preparation used on dyed furs. 172,479; Mar. 6.
Koss, Edward F., doing business as Koss Products, Washington, D. C. Antiseptic and cooling lotion for use after shaving. 168,535; Feb. 6.
Koss Products. (See Koss, Edward F.)
Kottler, Aaron P., doing business as Dr. Kottler Laboratories, Chicago, Ill. Chemical preparation to remove skin blemishes. 178,928; July 24.
Kotzin, Theodore, Los Angeles, Calif. Outing and work clothing. 164,252; Sept. 18.
Kovacs and Meszaros, Denbo, Pa. Envelopes. 162,179; May 1.
Kracker-Kup Company, Inc., New York, N. Y. Edible cups capable of retaining liquids. 163,882; Mar. 6.
Kraemer, Edmund M., doing business as The E. K. Company, Philadelphia, Pa. Preparation for hay fever and rose cold. 179,606; Sept. 18.
Kraft Chemical Company, Oklahoma, Okla. Shoe polish containing a dye. 173,651; June 12.
Kraft, J. L., & Bros. Co., Chicago, Ill. Cheese. 160,814; Jan. 30.
Kraft, J. L., & Bros. Co., Chicago, Ill. Cheese. 177,678; Nov. 20.
Kranenburg, Firma R. Groningen, Netherlands. Substitutes for white lead. 182,977; Oct. 2.
Krank, A. J., Mfg. Co., St. Paul, Minn. Hair tonic. 169,599; Jan. 2.
Krank, A. J., Mfg. Co., St. Paul, Minn. Shampoo. 169,858; June 5.
Krank, A. J., Mfg. Co., St. Paul, Minn. Face lotion. 170,022; Jan. 23.
Krank, Alfred J., St. Paul, Minn. Hair dressing and dandruff remedy. 173,427–8; Apr. 3.
Krank, A. J., Mfg. Co., St. Paul, Minn. Vanishing and massage cream. 173,500; Apr. 24.
Krank, Alfred J., St. Paul, Minn. Hair tonic and fixative. 173,193; Apr. 24.
Krasnow, R., & Sons, Inc., Pittsburgh, Pa., and Fresno, Calif. Fresh citrus fruits. 166,304; Feb. 20.
Krause, Robt., Co., The, Davenport, Iowa. Overalls, shirts, pants, or trousers, coats, etc. 171,701; May 29.
Krazifor American Toy Co., Hartford, Conn. Toys. 179,476; Aug. 21.
Krebs Pigment & Chemical Company, The, Newport, Del. Paint pigments. 172,840–1; Mar. 27.
Kreider, John C., doing business as White Rock Liniment Company, Rohrestown, Pa. Liniment. 182,710; Nov. 13.
Krementz & Company, Newark, N. J. Collar buttons of solid gold and of rolled gold plate. 181,194; Nov. 27.
Kremer Metal Products Co., Chicago, Ill. Sheet-metal gasoline stoves. 183,303; Nov. 27.
Krichbaum, Ora, doing business as K & W Rubber Company, Delaware, Ohio. Pneumatic tires and inner tubes. 182,831; Dec. 18.
Krieger, Edward, & Company, New York, N. Y. Topcoats. 167,526; Jan. 30.
Krippendorf-Tuttle White Cliff Products Co., The, Cincinnati, Ohio. Ground limestone, chalk whiting, chalk, asphalt filler, and whiting. 176,482; July 3.
Krippendorf-Tuttle White Cliffs Products Co., The, Cincinnatti, Ohio. Fertilizers. 177,744; June 19.
Kroder, John, and Henry Reubel Company, The, New York, N. Y. Angle joints for railings, brackets, brads, metallic carpet bindings, etc. 163,584; Jan. 23.
Kroger Grocery & Baking Co., The, Cincinnati, Ohio. Bread. 153,885; Dec. 4.
Kroger Grocery & Baking Co., The, Cincinnati, Ohio. Canned fruits, vegetables, and salmon, and condiments. 184,926; Dec. 25.
Kroneberger, C. H., & Co., Baltimore, Md. Coffee and tea. 165,085; Mar. 20.
Kronovet, Joseph A., doing business as The Durabell Mills Co., New York, N. Y. Hosiery and men's and women's knitted underwear. 165,959; Jan. 2.
Kropacz, John, Drumheller, Alberta, Canada. Steam whistle. 162,934; Feb. 20.
Kroudvird, Abram, New Bedford, Mass. Bread. 178,048; Dec. 11.
Krueger-Tobin Co., Inc., New York, N. Y. Hosiery. 175,087; June 5.
Krumm & McDonald Co. (See McDonald, William J.)
Krysiak, John, Four Corners, Wyo. Sleighs. 170,142; Feb. 6.
Kubota, Seiichi, Tokyo, Japan. Preparation for cancer. 173,891; Aug. 21.
Kuhn, Harry D., doing business as H. Dale Kuhn, H. Dale Kuhn Manufacturing Pharmacist, Kuhn Drug Company, and H. Dale Kuhn Laboratory, Shelby, Ohio. Epsom-salts pills. 181,999; Nov. 6.
Kuhn, Harry J., doing business as Kuhn Paint and Varnish Works, Houston, Tex. Prepared paints, varnishes, driers, paste paints, colors in oil, etc. 171,023; Jan. 9.
Kuhn Paint and Varnish Works. (See Kuhn, Harry J.)
Kulik, Irving, doing business as Index-Ray Mount Co., Brooklyn, N. Y. Mounts for photographic negatives. 170,143; Jan. 16.
Kumamoto, Miyakichi, doing business as Kumamoto Fish Co., Seattle, Wash. Fish cakes and canned fish. 175,015; July 3.
Kummer, Upmann & Co., New York, N. Y. Cotton piece goods. 179,608; July 3.
Kundtz, Theodor, Company, The, Cleveland, Ohio. Phonograph cabinets, dower and cedar chests, and seats. 178,929; Nov. 13.
Kunst & Small Co., New York, N. Y. Woolen, mohair, jute, cotton, silk, and linen fabrics. 181,195; Aug. 28.
Kunz Preparations Co. (See Minneapolis Brewing Company.)
Kuppenheimer, B., & Co., doing business as The House of Kuppenheimer, Chicago, Ill. Men's outer clothing—viz, suits, and particularly coats. 170,587; May 15.
Kurtin & Kurtin, New York, N. Y. Butter, eggs, cheese. 155,410; Feb. 6.
Kurtz Brothers, Philadelphia, Pa. Macaroni and olive oil. 167,002; Apr. 17.
Kusaka, T., San Jose, Calif. Medicine for the skin. 180,981. Sept. 18.
Kushner & Gillman, Inc., New York, N. Y. Outer wear for men's and young men's clothing consisting of coats and suits. 167,134; May 1.
Kutner-Goldstein Co., San Francisco, Calif. Sulphur. 183,304; Nov. 13.
Kutz, M., Company, Inc., Atlanta, Ga. Ladies' hats. 175,992: May 22.
Kux Bleiweiss Company, The, Cleveland, Ohio. Ladies' coats, suits, skirts, and dresses. 180,185; Aug. 21.
Kwik-Ege Stropper Co. (Not Inc.), Chicago, Ill. Razor-blade-stropping holders. 158,129; Aug. 14.
Kwush-Ru Company, Los Angeles, Calif. Perfume and incense. 169,486; Nov. 13.
Kyle, Osborn H., Columbus, Ohio. Medicine for blood, rheumatism, lumbago, and the nerves. 166,888; Feb. 20.
Kyograph Photo System. (See Wiggin, J. F.)
L. D. Caulk Company, The, Milford, Del. Medicated soap. 185,412; Nov. 20.
L & L Knit Goods Mfr's. Ass'n. of Greater New York, Inc., Brooklyn, N. Y. Knit sweaters and sweater coats, vests, etc. 182,592; Sept. 4.
L. & M. System Clothes, Inc., New York, N. Y. Overcoats and suits. 179,733; Oct. 9.
L. S. Laboratories. (See Singer, Louis.)
L & W Mfg. Company, Vincennes, Ind. Medicine for the treatment of ingrowing toenails. 177,445; July 10.
La-Bay Co. (See Morehouse, L. M.)
La Belle Brassiere Co., Inc., New York, N. Y. Brassières and girdles. 179,209; Sept. 11.
Laboratorio Chimico Farmaceutico Moderno Di Granelli Candiani & C., Turin, Italy. Magnesia used for pharmaceutical purposes. 175,794; June 26.

Laboratorio Chimico Farmaceutico V. Baldacci. (See Baldacci, Valentino.)
Laboratorium, Leo. (See v. Mayenburg, Ottomar H.)
Laboratory Specialty Company, The, Cincinnati, Ohio. Toilet preparations. 141,229; May 15.
La Borie, Louis, Rochester, N. Y. Toonin, a table game. 181,196; Aug. 21.
La Boyteaux, Clarence E., doing business as C. E. La Boyteaux Company, Los Angeles, Calif. Concrete mixers, saw tables, pumps, hoists, and shovels. 174,966; May 8.
Lace-Net Importing Co., New York, N. Y. Silk laces, silk and fiber and silk and wool laces. 169,766; June 12.
La Cie. C. H. Catelli, Limited, Montreal, Quebec, Canada. Alimentary pastes. 166,348; Aug. 14.
Lacledo Brass Works. (See Modra, William.)
La Colla, Joseph, doing business as La Colla, Brooklyn, N. Y. Face creams, perfumes, rouges, etc. 170,937; Dec. 18.
La Creole Laboratories. (See Van Vleet-Mansfield Drug Co.)
La Croix, John D., Vincennes, Ind. Powder and preparation for the hands. 184,408; Nov. 13.
La Crosse Rubber Mills Co., doing business as Wisconsin Rubber Mills Co., La Crosse, Wis. Rubber boots and shoes. 170,489; Apr. 3.
La Crosse Rubber Mills Co., La Crosse, Wis. Rubber boots and shoes. 170,492; Feb. 27.
La Crosse Rubber Mills Co., La Crosse, Wis. Rubber boots and shoes. 171,370; Dec. 4.
La Crosse Rubber Mills Co., La Crosse, Wis. Rubber heels for shoes, rubber soled and heeled shoes, and leather shoes. 177,850; Nov. 13.
Lacteal Analytical Laboratories, Inc. Buffalo, N. Y. Milk culture. 169,767; Mar. 27.
La Dez Cigar Co., Denver, Colo. Cigars. 172,023; Jan. 9.
Ladwig-Schlueter Co., Milwaukee, Wis. Beverage sold as a soft drink and sirups used in the preparation of same. 178,259; May 22.
Lady Janis Perfume Co., Chicago, Ill. Cold cream, complexion powder, perfume, and toilet water. 173,652; Apr. 10.
Lady Janis Perfume Co., Chicago, Ill. Soap. 173,653; Mar. 20.
Lafans, Walter S., doing business as The Bethelite Co., Minneapolis, Minn. Decorative lanterns. 170,980; Mar. 27.
Lafayette Pharmacal Company, The. La Fayette, Ind. Pharmaceutical preparation for the treatment of hyperacidity, gastritis, etc. 172,541; Mar. 6.
La Fleur Laboratories. (See Levy, Simeon S.)
Laforé Perfumery Co. (See Caplan, Joseph.)
La France Products Corporation, New York, N. Y. Nonalcoholic, maltless soft drinks. 184,973; Dec. 25.
Lageman, Clemens, doing business as H. Trommsdorff, Aix-la-Chapelle, Germany. Medical and pharmaceutical compounds and chemicals. 172,067; Dec. 18.
Lagerholm, Fred E., doing business as The Rodex Company, Charlotte, N. C. Rat exterminator. 163,586; Oct. 9.
Lagreca Co. (See Lagreca, John.)
Lagreca, John, doing business as The Lagreca Co., Taunton, Mass. Ointment for use on burns, itch, varicose veins, etc. 167,306; Jan. 2.
Laidlaw, James H., doing business as Marvel-o Manufacturing Co., San Diego, Calif. Polishing compound for automobile bodies. 149,592; Apr. 24.
Laird Manufacturing Co., Inc., The., Richmond, Va. Coffee. 171,581; May 8.
Laird & Son. (See McLennan, Kenneth J. C.)
Laitman & Laitman, New York, N. Y. Traveling bags, suitcases, brief cases, and trunks. 183,578; Oct. 30.
Lake Erie Provision Company, The, Cleveland, Ohio. Hams, bacon, lard, and sausage products. 172,422; May 29.
Lakeland Highlands Citrus Growers Assn., Haskell, Fla. Citrous fruits. 175,724; Oct. 2.
Lake Mills Milk Company. (See Baumann, Carl A.)
Lake Odessa Canning Co., Lake Odessa, Mich. Canned vegetables and fruits. 175,796; May 8.
Lake Shore Elevator Company, The, Cleveland, Ohio. Animal feeds. 177,562; Sept. 18.
Lakeside Biscuit Co., The, Toledo, Ohio, and Detroit, Mich. Sugar wafers, cookies, biscuits. 182,313; Nov. 20.
Lakeside Forge Company, Erie, Pa. Tools, particularly pliers and wrenches. 185,660; Dec. 4.
La Lone, Wilfred, doing business as Brillio Chemical Company. Polish and cleaner for automobiles, phonographs, hardwood floors, furniture, etc. 178,615; June 19.
Lam, Glines & Co., Inc., New York, N. Y. Tea. 167,137; Apr. 3.
Lam, Glines & Co., Inc., New York, N. Y. Tea. 167,138; Feb. 20.
Lamb, Herbert W., doing business as Fireside Industries, Lagrange, Ind. Correspondence course in applied arts, decalcomania transfers, etc. 174,742; Aug. 28.
Lamb, Thomas B., New York, N. Y. Handkerchiefs. 159,096; Apr. 3.
Lamb, Thomas B., New York, N. Y. Metal containers used for candy, lunch, workboxes, etc. 180,227; Oct. 30.
Lamb, Thomas B., New York, N. Y. Talcum powder. 176,483; Nov. 27.
Lambert Pharmacal Company, St. Louis, Mo. Medicated tablet for relief of indigestion, ailments of the throat, etc. 170,770; Feb. 13.
Lambert Tire & Rubber Company, Barberton, Ohio. Rubber cushion tires. 169,309; Jan. 30.
Lambert, Virginia C. B., doing business as Ozark Chemical Co., Arcadia, Mo. Nail emollient or polish. 170,493; Feb. 13.
Lamborn & Company, New York, N. Y. Toilet soaps. 174,397; Mar. 20.
Laminated Shim Company, Inc., Long Island City, N. Y. Shims and shim stock. 178,617; Oct. 16.
La Minnuette Trading Co. (See Schneider, Aaron.)
Lamke & Stemme, Inc., New York, N. Y. Surgical rubber goods and druggists' sundries. 173,237; May 8.
Lamont-Corliss and Company, New York, N. Y. Chocolate. 166,307; May 15.
Lamont-Corliss and Company, New York, N. Y. Chocolate coating. 167,254; Mar. 20.
Lamont-Corliss and Company, New York, N. Y. Milk chocolate and cocoa. 167,255; Mar. 20.
Lamont-Corliss and Company, New York, N. Y. Milk chocolate and cocoa. 167,257; Mar. 20.
Lamoreaux, Raymond I., Philadelphia, Pa. Butter and eggs. 168,316; Mar. 20.
Lamport Company of Texas Inc., The, Dallas, Tex. Linen, canvas, cotton, and sailcloth in the piece. 173,133; Aug. 28.
Lamport Export Company, Inc. New York, N. Y. Linen, canvas, cotton, and sail cloth piece goods. 173,134; Mar. 6.
Lamson & Sessions Company, The, Cleveland, Ohio. Bolts. 166,745; Feb. 13.
Lam-Té Mfg. Co., Oklahoma, Okla. Shaving lotions. 166,142; Oct. 9.
Lam-Té Mfg Co., Oklahoma, Okla. Cosmetics. 166,837; Dec. 18.
Lancaster Bone Fertilizer Co. Inc., Lancaster, Pa. Fertilizers and lime for fertilizers. 178,260; May 15.
Lancaster Mills, Clinton, Mass. Textile cotton dresses. 172,747; Aug. 28.
Lance Packing Co., Charlotte, N. C. Candy, peanut butter, peanut-butter sandwich, shelled and salted peanuts, marshmallows, etc. 156,644; Mar. 20.
Lanchester Shirt Co. Inc., New York, N. Y. Men's and boys' dress shirts. 169,717; May 8.
Lanco Coupler Company, Lancaster, Pa. Variocouplers. 187,109; Dec. 4.
Land, Julius, doing business as Vanitie Hat Co., New York, N. Y. Ladies', misses', and children's hats. 152,428; July 24.
Landau Cabinet Company, St. Louis, Mo. Upholstered furniture. 174,743; Aug. 7.
Landauer & Co. Inc., Milwaukee, Wis. Men's and boys' work shirts. 184,552; Nov. 13.
Lande & Miskend, New York, N. Y. Silk undergarments for women and children. 169,364; Jan. 23.
Landers, Frary & Clark, New Britain, Conn. Electrically-driven vacuum cleaners. 175,799; May 8.
Landers, Frary & Clark, New Britain, Conn. Electrically-driven laundry washing machines. 180,376; Sept. 4.
Landis & Gyr A.-G. Zug, Switzerland. Electrical recording measuring instruments. 181,692; Oct. 2.
Landis & Gyr A.-G. Zug, Switzerland. Electrical maximum recording measuring instruments. 181,693; Oct. 2.
Landis Machine Company, Waynesboro, Pa. Cutter heads, thread-cutting machines, and cutters therefor. 182,593; Oct. 9.
Lane Bryant, New York, N. Y. Outer and inner garments. 159,974; Oct. 23.
Lane Bryant, New York, N. Y. Outer and inner garments. 160,356; Oct. 23.
Lane Co. Inc., The, Altavista, Va. Cedar chests. 180,377; Aug. 28.
Lane, J. H., & Co., New York, N. Y. Fustian. 168,319; Oct. 23.
Lane, W. T., & Brothers, Poughkeepsie, N. Y. Cloth bags and baskets. 166,306; Feb. 13.
Lane, W. T., jr., Jonesboro, Ark. Cantaloupes. 180,015; Sept. 11.
Lanfranchi, Anne, doing business as Rollee, New York, N. Y. Hats for women and children. 177,305; Sept. 11.
Langbein, Wm., & Bros., New York, N. Y. Razors, knives, shears, and tools. 166,528; Mar. 6.
Langdon, Maurice J., Boston, Mass. Toilet preparations. 182,474; Nov. 13.
Langfeld, Daniel, doing business as High Score Products Co., Omaha, Nebr. Creamery butter and eggs. 167,181; Jan. 9.
Langfeld, Daniel, doing business as High Score Products Co., Omaha, Nebr. Creamery butter. 167,182; Jan. 9.
Langner, Solomon, New York, N. Y. Coconut fats for food purposes. 182,349; Nov. 6.
Lanman & Kemp Inc., New York, N. Y. Medicinal seed. 175,874; June 26.
Lanoil System Ltd., New York, N. Y. Preparations for the hair, hair-waving fluids, etc. 174,903; Nov. 13.
Lansburgh & Brother, Washington, D. C. Phonographs. 171,424; Jan. 23.

Lanton Auto Equipment Company, Incorporated, New York, N. Y. Automobile luggage carriers. 185,972; Nov. 27.
Lanzet, Annette, doing business as Lanzette Laboratories, San Francisco, Calif. Face cleanser consisting of a specially-prepared tissue paper, face cream, talcum powder, etc. 167,135; Jan. 23.
Lanzette Laboratories. (See Lanzet, Annette.)
Lapres, Theo. J. Inc., Atlantic City, N. J. Salt-water taffy. 167,777; May 29.
Larabee Flour Mills Corporation, The, Hutchinson, Kans., and Kansas City, Mo. Wheat flour. 162,426–8; Mar. 20.
Larabee Flour Mills Corporation, The, Hutchinson, Kans., and Kansas City, Mo. Wheat flour. 171,502; Mar. 13.
La Resista Corset Company, The, Bridgeport, Conn. Corsets, brassières, brasselettes, and bandeaux. 165,689; Mar. 20.
La Resista Corset Company, The, Bridgeport, Conn. Corsets. 167,004; May 29.
Largal Company. (See Glessner, Inez C.)
La-rite Laboratories. (See Bright, William M.)
Larkin Automotive Parts Company, The, Dayton, Ohio. Detachable force-feed lubricating apparatus, parts and fittings thereof. 177,745; July 10.
Larkin, Bertha M., Georgetown, Mass. Toy villages and dolls. 171,343; Aug. 7.
Larkin Co. Inc., Buffalo, N. Y. Soap, polishes, etc. 179,155; Dec. 18.
Larkin Co. Inc., Buffalo, N. Y. Medicated ointments or salves for external use. 179,942; Oct. 9.
Larrowe Milling Company, Detroit, Mich. Dairy and cattle feed. 159,587–9; Apr. 3.
Larson, Clifford M., Chicago, Ill. Liquid gauges, gauges for measuring the relative change in gravities of liquids, etc. 178,049; July 31.
Larson, L. P., Jr., Company, Chicago, Ill. Chewing gum. 168,769; Mar. 27.
Larson, L. P., Jr., Company, Chicago, Ill. Mint confection. 168,770; Mar. 27.
Larson-Sorahan Co., Inc., Salem, Oreg. Furniture and automobile polish. 177,563; July 17.
Larus & Brother Company, Richmond, Va. Smoking tobacco. 187,226; Dec. 25.
La Salle Manufacturing Company, La Salle, Ill. Office and phonograph record racks. 172,748; Mar. 27.
Lasco Company. (See Stabler, Louis A.)
Lasher, Charles W., jr., doing business as The Art Label Company, Chicago, Ill. Display stands or easels. 174,251; Apr. 10.
Las-Ka Company, Inc., The, Des Moines, Iowa. Candy cup for holding ice cream and ices. 181,286; Dec. 25.
Laskin Brothers, Philadelphia, Pa. Camisoles, bloomers, chemises, etc. 171,223; May 15.
Laskin-Swatt Co., El Paso, Tex. Hosiery. 170,144; Feb. 20.
Laskin-Swatt Co., El Paso, Tex. Cotton and wool piece goods. 170,145; June 5.
La Societe Anonyme des Automobiles Unic, Puteaux, France. Bicycles, automobiles, motor cycles, tricycles, and bicyclettes. 167,249; Mar. 13.
La Societe Anonyme "Parfums Gueldy," Paris, France. Perfumes, toilet waters, face lotions, etc. 170,938; Mar. 6.
La Société En Nom Collectif J. Thiriez Pere & Fils, Lille, France. Sewing thread. 182,919; Aug. 28.
Latham, S. A., Andalusia, Ala. Liniment and antiseptic for external application in the treatment of rheumatism, blood poison, infections, etc. 172,602; Feb. 20.
Latheral Soap Company, Tampa, Fla. Soap. 170,531; Jan. 30.
Lau, H. P., Co., Lincoln, Nebr. Food-flavoring extracts, salad dressing, etc. 177,390; Nov. 20.
Lava Crucible Company of Pittsburgh, Pittsburgh, Pa. Cements. 162,119; Mar. 27.
La Valliere Co., The, New Orleans, La. Toilet deodorant. 173,980; Dec. 18.
La Valliere Company, The, New Orleans, La. Perfume extract, toilet water, bath salt, talcum powder, etc. 169,444; Mar. 27.
La Valliere Company, The, New Orleans, La. Perfume extract, toilet water, face powder, etc. 173,604; May 20.
La Victoria Packing Co. (See Baca, Pablo.)
Lavino, E. J., and Company, Philadelphia, Pa. Refractory cements. 170,029; June 5.
Law, Walter B., Dunellen, N. J. Coffee. 167,357; Dec. 4.
Lawlor-McCormick Co., New Brunswick, N. J. Moth and insect preventive. 181,899; Nov. 27.
Lawrence, C. Harland, Taunton, Mass. Yarn spun with a mixture of cotton and wool. 177,006; May 29.
Lawrence Chemical Company, Atlanta, Ga. Proprietary preparation used in the treatment of pyorrhea or Riggs' disease. 183,389; Nov. 13.
Lawrence Sales Co., Poughkeepsie, N. Y. Bottle cappers and corkers. 187,469; Dec. 25.
Lawrence Soap Co., Methuen, Mass. Soaps. 169,366; Apr. 24.
Lawrence, William, & Co., Limited, Colwick, England. Furniture and upholstery. 134,969; Apr. 3.
Lawrence, Willse M., Brookline, Mass., and Bartow, Fla. Wrenches. 170,721; May 8.
Lawrenceburg Roller Mills Co., Lawrenceburg, Ind. Self-rising flour. 170,771; June 5.
Lawrenceburg Roller Mills Co., Lawrenceburg, Ind. Self-rising flour. 170,772–3; May 8.
Lawrenceburg Roller Mills Co., Lawrenceburg, Ind. Wheat flour. 170,774; Mar. 13.
Lawrenceburg Roller Mills Co., Lawrenceburg, Ind. Scratch feed for poultry. 174,314; June 5.
Lawrenceburg Roller Mills Co., Lawrenceburg, Ind. Wheat flour. 178,744; Sept. 11.
Lawson Manufacturing Company, Chicago, Ill. Garment-hanging fixtures for closets, etc. 180,186; Nov. 20.
Lawton, Thomas, New York, N. Y. Devices for massaging or exercising the human body. 177,851; May 29.
Laundry Age Publishing Co., Inc., New York, N. Y. Periodical. 152,131; Nov. 13.
Lausser, Frederick, & Son, New York, N. Y. All-wool coating. 181,694; Aug. 21.
Laux, John, doing business as Wilsonville Roller Mills, Wilsonville, Nebr. Wheat flour. 175,501; June 19.
Lay & Way Co., The, New York, N. Y. Girdles, corsets, and hip supporters. 175,502; Nov. 20.
Lazarus, Goldberg & Friedman, Inc., New York, N. Y. Boys', students', young men's, and men's suits, knickerbockers, and topcoats. 170,775; May 22.
Lazell Perfumer, Newburgh, N. Y. Rouge and powder compact package. 170,300; July 24.
Lazier, J. F., Mfg. Co., St. Louis, Mo. Nonalcoholic, maltless soft drinks. 175,430; May 8.
Lazier, J. F., Mfg. Co., St. Louis, Mo. Nonalcoholic maltless soft drinks. 178,745; July 17.
Levey Printing Company, Indianapolis, Ind. Periodical magazine. 173,503; June 26.
Levey Printing Company, Indianapolis, Ind. Blank papers, lining paper, and fly sheets for book covers and letter heads. 173,504; May 29.
Levey Printing Company, Indianapolis, Ind. Paper, bank-note wrappers, blank books. 173,505; Sept. 18.
Levey Printing Company, Indianapolis, Ind. Wall calendars, almanacs, printed books, etc. 173,506; Sept. 25.
Levey Printing Company, Indianapolis, Ind. Filing and other cabinets, desks, stools, etc. 173,507; Aug. 14.
Levey Printing Company, Indianapolis, Ind. Paper, blank books, etc. 173,508; Sept. 11.
Levey Printing Company, Indianapolis, Ind. Wall calendars, almanacs, printed books, etc. 173,509; Sept. 25.
Levey Printing Company, Indianapolis, Ind. Card-index and other filing cabinets, desks, stools, etc. 173,510; Aug. 7.
Levey, Samuel B., doing business as Wonder Products Company, Newark, N. J. Shampoo. 170,172; May 29.
Levi Bert & Co., Inc., New York, N. Y. Cotton piece goods. 177,133; May 29.
Levi Strauss & Co., San Francisco, Calif. Men's, youths', and boys' shirts. 153,477; July 3.
Levin, Abraham, I., doing business as Rawhide Products Distributing Co., Kenilworth, N. J. Tire flaps for automobile tires, tire accessories, etc. 182,251; Dec. 25.
Levin, Herman R., Los Angeles, Calif. Pearl necklaces, bracelets, sautoirs, earrings, etc. 170,532; Feb. 6.
Levinson & Shapiro, Inc., New York, N. Y. Hosiery. 159,802; Nov. 20.
Levitan, Hyman, Boston, Mass. Artificial pearls. 177,306; July 10.
Levite Manufacturing Company, Dothan, Ala. Tonic to be applied to the scalp and as a tonic and dressing for the hair. 177,679; July 31.
Levitt, Benjamin, Philadelphia, Pa. Gasket shellac, glue, and paste. 173,290; May 1.
Levitt, Max, doing business as Fashion Model Co., Brooklyn, N. Y. Clothing models and patterns. 171,224; May 15.
Levitz, Mendel, doing business as M. Levitz & Co., Albany, N. Y. Watch movements and watchcases. 185,254; Oct. 30.
Levring and Company, Incorporated, St. Louis, Mo. Cheese and butter color. 178,449; July 10.
Levring & Company Inc., St. Louis, Mo. Rennet extract, rennet tablets, and lactic-acid ferment. 178,450; July 24.
Levussove, Louis, New York, N. Y. Human and animal hair. 162,751; Apr. 24.
Levussove, Louis, New York, N. Y. Human and animal hair. 177,496; Dec. 4.
Levy, Irving B., New York, N. Y. Golf balls. 171,503; May 8.
Levy, J. P., Shoe Co. Inc., Hartford, Conn. Boots and shoes. 182,662; Dec. 4.
Levy, Jack, Inc., New York, N. Y. Dresses. 173,136; June 12.
Levy, Louis, doing business as O. K. Bottler's Supply House, New York, N. Y. Malt sirup. 137,287; Aug. 28.
Levy & Marcus, New York, N. Y. Scarfs, cravats, neckties. 184,083; Oct. 30.
Levy, Maurice, New York, N. Y. Powder puffs. 184,171; Nov. 20.
Levy-Shulman & Co. Inc., New York, N. Y. Women's dresses. 172,996; June 12.
Levy, Simeon S., doing business as La Fleur Laboratories, Cleveland, Ohio. Hair dressing. 177,854; July 10.
Lewgold Imports. (See Goldberg, Eli F.)

Alphabetical list of trade-mark applicants—Continued.

Lewis Manufacturing Company, Walpole, Mass. Sanitary napkins. 186,241; Dec. 4.
Lewis, Florence N., doing business as Elizabeth Arden, New York, N. Y. Reducing soap. 174,459; June 26.
Lewis, Florence N., doing business as Elizabeth Arden, New York, N. Y. Lip paste and pencils. 174,470; May 22.
Lewis, Florence N., doing business as Elizabeth Arden, New York, N. Y. Rouge and powder. 174,569; May 22.
Lewis, Florence N., doing business as Elizabeth Arden, New York, N. Y. Lip pastes and lip pencils. 174,842; June 5.
Lewis, Florence N., doing business as Elizabeth Arden, New York, N. Y. Rouge or powder. 177,856; June 5.
Lewis, Edgar P., Boston, Mass. Hard candies. 180,707; Oct. 9.
Lewis & Harris Handwoven Tweed Company Limited, The, Stornaway, Lewis Island, Scotland. Cloths and stuffs of wool, worsted, or hair. 171,131; May 22.
Lewis & Harris Handwoven Tweed Company Limited, The, Stornaway, Island of Lewis, Scotland. Outer clothing. 171,132; Oct. 30.
Lewis, Hubbard and Company, Charleston, W. Va. Coffee. 185.712; Nov. 20.
Lewis, J. P., Company, Beaver Falls, N. Y. Ticket bristol. 168,474; Dec. 11.
Lewis, James H., doing business as Lewis Economic Co. (Not Inc.), Chicago, Ill. Vegetable and mineral compound for neutralizing lactic acids in whipping cream and eggs. 175,253; July 3.
Lewis, L. H., Company, Dallas, Tex. Hair nets. 171,425; Jan. 30.
Lewis Manufacturing Company, Walpole, Mass. Cheesecloth, crinoline, and bunting in the piece. 150,319; Aug. 7.
Lewis Manufacturing Company, Walpole, Mass. Cheesecloth. 186,240; Dec. 18.
Lewis Oil Company, St. Louis, Mo. Lubricant dressing for automobile planetary transmissions. 171,852; Jan. 9.
Lewis, Roy B., doing business as Roy B. Lewis Co., Duluth, Minn. Hosiery. 183,306; Sept. 25.
Lewis-Wise Co., Inc., New York, N. Y. Men's robes. 179,873; July 17.
Lew-Mar Products Company, New York, N. Y. Rubber bathing caps and water guards for bathing caps. 182,475; Dec. 4.
Leys, Christie & Co., New York, N. Y. Artificial pearls. 179,734; May 29.
Leys, Henriette, Paris, France. Skin cream. 168,582; Nov. 13.
Libbey Glass Manufacturing Co., The, Toledo, Ohio. Glassware. 171,807; July 24.
Libby Chemical Company. (See Ferber, Robert R., assignor.)
Libby Chemical Company. (See Mueller, Theodore J., assignor.)
Libby, Lewis L., doing business as Libby Manufacturing Company, Plainfield, N. J. Transmission linings. 156,284; Mar. 13.
Libby Manufacturing Company. (See Libby, Lewis L.)
Libby, McNeill & Libby, Chicago, Ill. Pork and beans, meat extracts, bouillon cubes, etc. 159,711; July 31.
Libby, McNeill & Libby, Chicago, Ill. Canned, dried, and preserved fruits, berries, vegetables, etc. 176,268; Sept. 4.
Libby, Wm. A., Milwaukee, assignor to Libby Chemical Company, West Allis, Wis. Medicated tablets and capsules. 173,839; Nov. 13.
Liberman, M., Mfg. Co. (See Liberman, Meyer.)
Liberman, Meyer, doing business as M. Liberman Mfg. Co., Vallejo, Calif. Pants, vests, coats, work shirts, hiking breeches for men and women. 170,940; May 15.
Liberty & Co. Limited, London, England. Piece goods of cotton. 171,808; Mar. 27.
Liberty Gauge and Instrument Company, The, Cleveland, Ohio. Electric hot plates. 182,711–12; Nov. 20.
Liberty Lace and Netting Works, New York, N. Y. Silk and cotton laces, nets and nettings, and veils and veilings, all in the piece. 185,663; Dec. 11.
Liberty Macaroni Manufacturing Co., St. Louis, Mo. Macaroni, spaghetti, noodles, and short paste stuff. 153,609; Feb. 27.
Liberty Macaroni Manufacturing Co., St. Louis, Mo. Macaroni, spaghetti, noodles, etc. 176,745; Sept. 25.
Liberty Produce Company. (See Maeda, Y.)
Liberty Storage Battery Company. (See Biehl, George M.)
Libisch, Francois, Paris, France. Perfumery, scents, toilet water, hair water and dyes, etc. 170,982; June 5.
Liebmann's S., Sons, Inc., Brooklyn, N. Y. Malt beverage. 175,360; July 10.
Liebovitz, S., & Sons, Inc., New York, N. Y. Shirts. 184,287; Oct. 30.
Life O Wheat Milling & Baking Co. (See Sampson, Paul O.)
Life Planning Institute, Chicago, Ill. Books and pamphlets of an educational nature. 157,069; Aug. 21.
Lifo Medicine Company. (See Sharrow, Geo. C.)
Lifschitz, Charles W., New York, N. Y. Neckbands for men's shirts. 159,400; May 8.
Lifschitz, Chas. W., New York, N. Y. Neckbands for men's shirts. 166,627; Mar. 20.
Liggett & Myers Tobacco Company, New York, N. Y. Smoking and chewing tobacco and cigarettes. 138,771; Feb. 27.
Lightfoot Schultz Company, Hoboken, N. J. Face powders and creams, perfumes, toilet waters, rouges, etc. 172,947; Mar. 13.
Lightfoot Schultz Company, Hoboken, N. J. Soaps. 179,107; Aug. 21.
Lightfoot Schultz Company, Hoboken, N. J. Soaps. 179,108; July 24.
Lijm-en-Gelatinefabriek-Delft, Delft, Netherlands. Gelatin used as a food or as ingredient of foods. 173,332; Oct. 16.
Liko Co., The. (See Siegel, Morris.)
Lilienthal & Grossman, Inc., New York, N. Y. Gloves. 176,352; Aug. 28.
Lilleberg, Charles L., Chicago, Ill. Timing switches for internal-combustion engines. 152,511; Jan. 9.
Lillie Mill Company, Franklin, Tenn. Wheat flour. 182,758; Oct. 2.
Lillie Mill Company, Franklin, Tenn. Self-rising flour. 182,757; Nov. 6.
Lillie Mill Company, Franklin, Tenn. Wheat flour. 182,759; Nov. 13.
Lilly, E. F., doing business as E. F. Lilly Company, Morganton, N. C. Insect-destroying compound. 179,048; Aug. 14.
Lilly, Eli, & Company, The, Indianapolis, Ind. Medical preparation. 159,212; July 17.
Lilly, Eli, & Company, The, Indianapolis, Ind. Medicinal preparation to be used as a laxative or cathartic. 161,366; July 3.
Lilly, Eli, and Company, The, Indianapolis, Ind. Soap. 166,459; June 26.
Lilly, Eli, & Company, Indianapolis, Ind. Medicinal ointment. 176,559; June 19.
Lilly, Eli, and Company, Indianapolis, Ind. Medicinal preparation for the treatment of rheumatism, lumbago, etc. 182,760; Oct. 30.
Lilly, Eli, and Company, Indianapolis, Ind. Toilet powder. 183,579; Nov. 13.
Lily Brook Farms, Inc., Buffalo, N. Y. Cheese, canned, fresh, and evaporated milk and cream. 175,800; Aug. 7.
Limbaugh, E. E., doing business as The Probaugh Company, Atlanta, Ga. Antiseptic and germicide. 175,563; Aug. 14.
Limper, Limperis J., New York, N. Y. Cigarettes. 185,787; Nov. 27.
Linahan, Charles, Troy, Mo. Nonalcoholic preparation for relieving dyspepsia, etc. 181,900; Sept. 25.
Lincoln, Abe, Post Card Co. (See Cunningham, Charles A.)
Lincoln Brothers, New York, N. Y. Cigars. 184,342; Oct. 23.
Lincoln Knit Goods Mills. (See Ely & Walker Dry Goods Company.)
Lincoln Laboratories, Inc., Chicago, Ill. Beauty clay. 179,308; Sept. 18.
Lincoln Paint & Color Company, Lincoln, Nebr. Brushes. 182,978; Nov. 20.
Lincoln Record Corporation, New York, N. Y. Phonograph records. 180,133; July 24.
Lincoln Steel Products Company. (See Pence, Harry E.)
Lindau, Jules W., jr., New York, N. Y. Envelopes. 169,979; Feb. 20.
Lindemann, A. J., & Hoverson Company, Milwaukee, Wis. Electric stoves, heaters, sadirons, etc. 167,575; Apr. 24.
Lindenblossom Syrup Works. (See Schutte, Willebrordus J.)
Le Baron, Oscar J., doing business as The Le Baron Co., Healdsburg, Calif. Fresh grapes. 185,661; Dec. 4.
Le Baur Importing Co. (See Samson, Arthur M.)
Lé Benart Import Co., Inc., New York, N. Y. Perfumes, toilet waters, liquid brilliantines, solid brilliantines, face powders, etc. 170,654; Jan. 30.
Le Benart Import Company, Inc., New York, N. Y. Perfumes. 180,017; Aug. 14.
Le Blume Import Co., Inc., New York, N. Y. Soap. 163,313; Mar. 6.
Le Boeuf Fountain Pen Company, Inc., Springfield, Mass. Fountain pens. 184,672; Oct. 16.
Le Boeuf Fountain Pen Company, Inc., Springfield, Mass. Fountain pens. 184,672; Nov. 13.
Le Montree Manufacturing Company, The, Cincinnati, Ohio. Paper bags. 188,019; Dec. 25.
Le Roye, Ltd., Chicago, Ill. Liquid preparation for keeping curl in hair. 179,541; July 24.
Lea, Leander A., Bossier, La. Hair tonic. 175,503; June 5.
Leach, C. H., Company, Boston, Mass. Oil condensers, heat exchangers, and dephlegmators. 169,719; Aug. 21.
Leach, C. H., Company, Boston, Mass. Oil condensers, heat exchangers, and dephlegmators. 169,720; Aug. 7.
Leach, L. D., & Company, Chicago, Ill. Hardwood flooring. 174,017–18; Mar. 27.
Leader Iron Works, Decatur, Ill. Tanks. 172,749; May 22.
Leahy, George F., Syracuse, N. Y. Preparation for the relief of chronic and acute neuritis. 167,821; Jan. 30.
Leather Mat Manufacturing Co., Inc., San Francisco, Calif. Baggage carrier for automobiles. 169,978; Nov. 20.

Alphabetical list of trade-mark applicants—Continued.

Leather Products & Finishing Co., Los Angeles, Calif. Ring books, leather coin pouches, leather key cases, and special leather letter covers. 173,902; Apr. 17.
Leavitt, Peter M., doing business as Consolidated Products Co., Boston, Mass. Wheat flour. 171,091; Sept. 18.
Lebannon Oil Co., Chicago, Ill. Salad oil. 160,416; May 15.
Lebenson, Robt. J., Corporation, The, New York, N. Y. Cotton piece goods. 182,350; Oct. 30.
Lebwohl & Mindich, New York, N Y. Tobacco, cigar, and cigarette boxes. 166,950; July 17.
Lecithin Company, New York, N. Y. Medicinal composition for neurasthenic disorders. 176,839; June 12.
Leclare Laboratories, The. (See Hinkle, Hutchinson S.)
Lederer, Herbert B., Corp., New York, N. Y. Gingham. 177,089; Aug. 28.
Lederer, Herbert B., Corp., New York, N. Y. Gingham piece goods. 179,804; Oct. 30.
Lederer & Latz, doing business as The Barriemore Shop, New York, N. Y. Shoes made of leather. 170,655; Apr. 3.
Lederle Antitoxin Laboratories, New York, N. Y. Fermented bottled milk. 167,136; Mar. 27.
Lee Brothers Company, San Antonio, Tex. Trousers, overalls, shirts. 172,603; Aug. 7.
Lee County Packing Co., Fort Myers, Fla. Fresh citrous fruits. 178,261; Sept. 4.
Lee, Francis, & Company. (See Asher, Helen.)
Lee, H. D., Flour Mills Company, The, Salina, Kans. Plain flour. 186,140; Dec. 25.
Lee, Harry C., & Company, New York, N. Y. Tennis rackets. 179,277; Aug. 21.
Lee, Harry C., & Company, New York, N. Y. Golf balls. 179,278; Aug. 21.
Lee, Jackson D., Wyncote, Pa. Powders and tablets to aid digestion and relieve neuralgia and headaches, etc. 174,789; June 26.
Lee, John C., sr., Leesburg, Fla. Fresh oranges, grapefruit, and tangerines and other fresh citrus fruits. 164,815; Jan. 9.
Lee, Ray O., Kansas City, Mo. Dentifrice. 170,202; Jan. 30.
Lee, Severin S., doing business as S. S. Lee & Co., Spokane, Wash. Chocolate-coated raisins. 164,649; May 1.
Lee-Strauss Co., Johnstown, Pa. Antifreeze preparation for automobile radiators. 181,344; Aug. 21.
Lee-Strauss Co., Johnstown, Pa. Vegetable, mineral, and animal products. 181,345; Aug. 28.
Lee Tire & Rubber Co., Conshohocken, Pa. Pneumatic tires. 185,169; Dec. 4.
Lee, Virgil, Toronto, Ontario, Canada. Greaseless hair dressing and tonic. 155,353; Mar. 6.
Leech, Arthur L., Co., The, Kennebunk, Me. Flavorings and extracts. 160,889; Apr. 3.
Leech, L. Gordon, Washington, D. C. Nonalcoholic, maltless beverage. 186,512; Nov. 27.
Leeco Citrus Growers' Association, Fort Myers, Fla. Fresh citrous fruits. 180,867; Aug. 21.
Leek Brothers, Morristown, N. J. Painters' and decorators' drop cloths. 150,969; Dec. 4.
Leesburg Packing House, Leesburg, Fla. Fresh oranges, grapefruit, and tangerines and other fresh citrus fruits. 164,813; Jan. 9.
Lefas, Stephen D., doing business as Columbia Bottling Works, Washington, D. C. Ginger ale, root beer, and sarsaparilla. 171,090; Jan. 2.
Lefebvre, George E., Cleveland, Ohio. Saxophone and clarinet reeds. 176,195; May 15.
Leffler, Howard, doing business as Keystone Drain Board Co., Los Angeles, Calif. Composition drain boards and mantles, etc. 186,016; Dec. 25.
Lefi, Edward, doing business as Lefi Company, New York, N. Y. Hosiery, gloves, underwear. 160,016; July 17.
Leggett, Francis H., & Company, New York, N. Y. Flavoring preparation for food products. 169,859; Apr. 3
Leggett, Francis H., & Company, New York, N. Y. Canned apricots, grapes, plums, peaches, pineapple, etc. 171,275; May 8.
Legion Publishing Corporation, New York, N. Y. Magazine section. 176,196; July 31.
Lehigh Silk Hosiery Mills, Inc., New York, N. Y. Hosiery. 164,927; Nov. 27.
Lehman Bros., New York, N. Y. Nickel, silver-plated articles. 177,391; May 29.
Lehman Brothers, Inc., New York, N. Y. Ladies' and misses' wearing apparel. 170,656;; June 5.
Lehman, J. & D., Company Inc., New York, N. Y. Gloves, gauntlets, boy-scout gauntlets, mittens, cuffs, etc. 178,618; Sept. 4.
Lehnhoff-Wyld, Frederic, Paris, France. Oxyiodide of bismuth in camphorated solution. 175,901–2; May 29.
Lehoczky, Helen, Cleveland, Ohio. Confection. 172,481; May 8.
Lehon Company, The, Chicago, Ill. Asphalt shingles. 168,975; Jan. 9.
Lehr, Horace, doing business as H. Lehr & Co., Easton, Pa. Upright and grand pianos, player pianos, electric and reproducing pianos, and phonographs. 177,494; June 5.
Lehr, Horace, doing business as H. Lehr & Co., Easton, Pa. Upright, grand, etc., pianos, player pianos, and phonographs. 177,495; June 26.
Leib, William A., Co. Inc., New York, N. Y. Sweaters, dresses, and scarfs. 176,744; Aug. 14.
Leichner, L., Berlin, Germany. Face powder, toilet rouge powder, and toilet rouge sticks, etc. 166,186; Aug. 7.
Leichner, L., Berlin, Germany. Toilet preparations and theatrical perfumery. 181,402–6; Oct. 30.
Leichtman, Calvin, doing business as Leichtman Candy Manufacturing Company, Hazleton, Pa. Candy. 175,932; Aug. 14.
Leigh Chemist, Inc., New York, N. Y. Perfumes. 181,287; Aug. 28.
Leigh Chemist, Inc., New York, N. Y. Perfumes. 181,288; Aug. 21.
Leiser, Herman, doing business as Herman Leiser Co., New Orleans, La. Electrically-operated signals for automobiles, etc. 184,975; Dec. 4.
Leitchfield Clothing Co., Leitchfield, Ky. Men's and young men's suits. 169,639; Mar. 20.
Lemoine, Hyatt, New York, N. Y. One-piece overall or combination suits. 167,644; Feb. 13.
Lemoine, Narcisse, doing business as N. Lemoine Company, Framingham, Mass. Medicinal preparation for the treatment of piles. 176,083; Aug. 14.
Lemoine, Narcisse, doing business as N. Lemoine Company, Framingham, Mass. Preparation for the treatment of catarrh. 176,084; Aug. 14.
Lemoine, Pierre Cie, Inc., New York, N. Y. Perfumery. 160,970; Jan. 2.
Lemon Products Company. (See Kleiner, Theodore.)
Lemonium Company. (See Puente & Cicero.)
Lenapé Silk Company, East Stroudsburg, Pa. Broad silk goods in the piece. 175,089; Apr. 10.
Leo, Albert, doing business as Leo Pectin Company, St. Joseph, Mo. Pectin. 183,073; Nov. 27.
Leo, Ansel S., New York, N. Y. Wheat flour. 143,823; July 31.
Leolith Products Corporation, New York, N. Y. Wall board, shingles, tiles, etc. 162,995; June 5.
Leon Israel & Bros., New York, N. Y. Coffee and tea. 125,112; Sept. 11.
Leonard, Charles R., doing business as C. R. Leonard Company, Seattle, Wash. Carbon paper. 179,007; Oct. 9.
Leonard, H. L., Rod Co., New York, N. Y. Split bamboo lengths. 172,337; Feb. 13.
Leonard, H. L., Rod Co., The, New York, N. Y. Fishing rods and reels. 172,336; Feb. 6.
Leonard Seed Company, Chicago, Ill. Seeds, onion sets, and bulbs. 185,525; Dec. 18.
Leoncavallo Sauce Company. (See Caporale, Pasquale A.)
Lequy, Jules, doing business as Artemisia, Montreal, Quebec, Canada. Hair tonic. 150,694; Jan. 23.
Les Parfums Des Courtisanes. (See Diaz, Carlos J.)
Les Parfums Forest. (See Cohn, Léon.)
Les Perfums de Rosine. (See Poiret, Paul.)
Lesh, Edwin Z., Dayton, Ohio. Drafting instruments. 136,377; Apr. 24.
Leslie-Judge Company, New York, N. Y. Periodicals. 183,982; Nov. 27.
Lester, George F., San Antonio, Tex. Shirts, union suits, drawers, pyjamas, etc. 175,727; Aug. 7.
Letts, Arthur, Los Angeles, Calif. Boys' suits, overcoats, nightshirts, pyjamas, shirts, etc. 111,114; May 15.
Level Club, Inc., New York, N. Y. Pamphlets. 183,657; Nov. 27.
Levene, Ben, Inc., New York, N. Y. Ladies' hosiery. 173,395; June 26.
Levene, Ben, Inc., New York, N. Y. Hosiery. 184,865; Nov. 27.
Levenson, Sam, Newark, N. J. Wheat flour. 163,404; Nov. 6.
Levenson, Shevelove Co., Inc., Newark, N. J. Wheat flour. 161,929; Nov. 20.
Lever Brothers Company, Cambridge, Mass. Soap. 164,548; Jan. 2.
Lever Brothers Company, Cambridge, Mass. Soap and soap powder. 171,130; Apr. 24.
Lever Brothers Company, Cambridge, Mass. Soap. 180,610; July 24.
Lever Brothers Company, Cambridge, Mass. Soap. 182,855; Oct. 16.
Levey, M. S., & Sons Inc., Baltimore, Md. Hats for men. 181,490; Sept. 11.
Lind Shoe and Slipper Company, Worcester, Mass. Slippers. 181,642; Sept. 18.
Lindemann, Adolf D., & Son., New York, N. Y. Perfume, toilet water, sachet, cold cream, etc. 181,951; Nov. 20.
Linden, John O., Albuquerque, N. Mex. Massage appliance. 184,251; Oct. 23.
Linder Bros., New York, N. Y. Cloaks, coats, dresses, suits, and skirts. 185,084; Nov. 20.
Linder Bros., New York, N. Y. Women's, misses', and children's cloaks, coats, etc. 185,085; Oct. 30.
Linder, Harry R., Los Angeles, Calif. Coffee, spices, peanut butter, salad oil, etc. 182,157; Dec. 4.
Lindsay Co-Operative Citrus Association, Lindsay, Calif. Fresh citrous fruits. 175,609; June 19.

Alphabetical list of trade-mark applicants—Continued.

Lindsay Co-Operative Citrus Association, Lindsay, Calif. Fresh citrous fruits. 175,610; June 26.
Lindsay Farm Bureau Fruit Association, Lindsay, Calif. Fresh citrous fruits. 185,713; Nov. 13.
Lindsay-McMillan Company, Milwaukee, Wis. Lubricating oils and greases, gasoline, benzine, etc. 160,816; Jan. 9.
Lindsley, Benjamin F., doing business as The Perfection Bed Spring Company, Mansfield, Ohio. Bed springs. 175,801; July 31.
Lindstrom, Victoria C., doing business as Potor Coffee Co., New York, N. Y. Coffees and teas. 158,050; Feb. 6.
Lindt, A. & W., Berne, Switzerland. Cocoas, chocolates. 178,394–8; Nov. 27.
Linen Thread Company, The, also doing business as The Finlayson Flax Spinning Co., Boston, Mass. Linen thread. 160,711; Dec. 25.
Linen Thread Company, The, doing business as The Finlayson Flax Spinning Co., Boston, Mass. Linen thread. 160,712; Aug. 28.
Linette, David, New York, N. Y. Gravity paper cutter. 174,400; Mar. 20.
Lingua, G., & Co., Los Angeles, Calif. Olive oil. 165,237; Feb. 13.
Lining Importers & Converting Co. (See Sinai, Samuel.)
Linitane Company, The, Syracuse, N. Y. Externally-applied preparation for rheumatism, sprains, etc. 183,751; Nov. 13.
Link, Anton, Chicago, Ill. Combination mop and duster. 177,395; June 19.
Linnenfabrieken E. J. F. Van Dissel & Zonen, Eindhoven, Netherlands. Linen, half-linen, and cotton fabrics. 179,611; Oct. 2.
Linsk, Alexander, & Company, assignor to H. J. Maxmin, Philadelphia, Pa. Boys' sailor suits. 159,157; May 8.
Linton, Robert H., New York, N. Y. Woolen piece goods. 178,930; June 5.
Lion Knitting Mills. (See Neuman & Silver.)
Lion Oil Company. (See Wirick, Carey G.)
Lion, Oscar, doing business as Lion and Company, New York, N. Y. Silk and cotton ribbon in the piece. 182,249; Sept. 18.
Lionel Corporation, The, New York, N. Y. Toy transformers. 129,731; Sept. 4.
Lionel Corporation, The, New York, N. Y. Tracks for toy electrical trains. 144,339; Oct. 2.
Lionel Corporation, The, New York, N. Y. Electric toys. 163,099; July 10.
Lionel Trading Co. Inc., New York, N. Y. Perfumes. 171,333; Jan. 30.
Lionel Trading Co. Inc., New York, N. Y. Perfumes, toilet waters, face lotions, creams, and powders, etc. 174,083; May 29.
Lionel Trading Co., Inc., New York, N. Y. Face powders and rouges. 174,085; Apr. 24.
Lipin, John, doing business as Motor Go Oil Company, Millersville, Md. Lubricating oils and greases and gasoline. 183,630; Oct. 2.
Lipkin, Samuel L., doing business as Greenpoint Bird Store, Brooklyn, N. Y. Canned bird food. 175,933; Nov. 6.
Lips Specialty Candy Co. (See Lipschultz, Louis L.)
Lipschultz, Louis L., doing business as Lips Specialty Candy Co., Chicago, Ill. Candy. 169,311; Apr. 3.
Liquid Carbonic Company, The, Chicago, Ill. Compound of vegetable gums and sugars for use as an ingredient of ice cream. 176,485; May 22.
Liquid Carbonic Company, The, Chicago, Ill. Compound of vegetable gums and sugars. 178,853; Aug. 14.
Liquid Wrench Company. (See Carroll, John A.)
Lisk Manufacturing Company, Ltd., Canandaigua, N. Y. Metal culinary, household, and dairy utensils. 169,860; Mar. 20.
Lissauer & Company. (See Mirabeau, Marcel M.)
Listerated Gum Corporation, New York, N. Y. Chewing gum. 178,399; July 10.
Listerated Gum Corporation, New York, N. Y. Chewing gum. 184,977–8; Dec. 11.
Litewear Manufacturing Company, Montgomery, Ala. Men's and boys' underwear of textile materials. 175,934; Oct. 16.
Litolff, Richard, doing business as Henry Litolff's Verlag, Brunswick, Germany. Sheet music and music books. 177,134; Oct. 16.
Little, A. E., Company, Lynn, Mass. Boots and shoes. 175,254; Apr. 17.
Little, Brown & Company, Boston, Mass. Series of books. 173,516; May 8.
Little Buddy Suit Company, Philadelphia, Pa. Boys' regulation and novelty suits. 181,082; Sept. 11.
Little Falls Manufacturing Company, New York, N. Y. Knitted underwear for children. 184,288; Nov. 6.
Little Giant Company, Mankato, Minn. Road-building machinery, metal-working equipment, etc. 159,210; June 19.
Little Giant Company, Mankato, Minn. Internal-combustion motors for machine forging hammers. 170,393; May 15.
Little Giant Company, Mankato, Minn. Metal signs. 170,394; Mar. 13.
Little Giant Tow Line Co. (See Ursone, Joseph.)
Little, George, Limited, Manchester, England. Bacon, hams, and lard. 177,839; July 10.
Little, Henry, & Sons, doing business as The Eagle Nest Hatchery, Upper Sandusky, Ohio. Live chicks. 167,086; Sept. 11.
Little Women Dress Co., New York, N. Y. Ladies' gowns, dresses, and costumes. 181,956; Aug. 28.
Littooy, John F., Boise, Idaho. Calcium-caseinate spreader to be added to sprays. 161,263; Apr. 10.
Litwood Oil & Supply Company, Fort Worth, Tex. Oils and greases. 157,226; Jan. 16.
Livingood Manufacturing Corporation, Lebanon, Pa. Portable refrigerators. 171,426; Jan. 23.
Lloyd, E. E., Paper Company, Chicago, Ill. Writing paper. 176,028; Apr. 3.
Lloyd, E. E., Paper Company, Chicago, Ill. Writing paper. 188,125; Dec. 25.
Lloyd Manufacturing Company, The, Menominee, Mich. Baby carriages, sulkies, and strollers. 149,089; Oct. 16.
Lloyd, Milby W., doing business as Lloyd Tobacco Company, Ocala, Fla. Cigars. 185,302; Oct. 23, 1923.
Locci, Matte, doing business as Matte Locci Co., Chicago, Ill. French dressing, olive oil, cheese, and cheese dressing. 178,265; Aug. 21.
Locke Insulator Corporation, Baltimore, Md. Insulators for high-tension insulation. 163,526; Feb. 20.
Locke Regulator Co., Salem, Mass. Pressure-reducing valves and pump governors. 177,789; Dec. 18.
Lockyer, Emily G. F., London, England. Heated packing cases for keeping food hot. 158,989; May 29.
Lockyer, Emily G. F., London, England. Cooled package cases for keeping food cold. 158,990; Mar. 20.
Locomobile Company of America, Incorporated, New York, N. Y. Automobiles and constructive parts thereof. 172,002; May 8.
Lodder, Andrew J., doing business as Park Chemical Company, Cincinnati, Ohio. Water-soluble powder for application to windows for eliminating sun glare. 178,561; Aug. 14.
Lodi Mill & Elevator Co., The (now by change of name The Lodi Cereal Company), Lodi, Ohio. Cereal or breakfast foods. 169,552; Dec. 11.
Loeb Dress Co. (See Ober, Jacob.)
Loeb, Herbert B., Philadelphia, Pa. Boxlike receptacles. 169,489; Feb. 20.
Loeser, David, doing business as New York Intravenous Laboratory, East Orange, N. J., and New York, N. Y. Publications. 160,196; Aug. 21.
Loewenberg, Victor, doing business as Victor Specialty Company, New York, N. Y. Nipples. 170,918; Jan. 30.
Loewi, Hugo V., Inc. (See Ray, A. J., & Son, Inc.)
Loewy, Morris, doing business as New York Machinery Company, New York, N. Y. Steel equipment and furniture. 174,790; Oct. 30.
Loft, Inc., New York, N. Y. Candies. 180,708; Sept. 11.
Logan Baking & Creamery Co. (See Rose, Alex.)
Logan, Robert W., Fort Smith, Ark. Blood medicine. 183,037; Dec. 18.
Logan, Robert W., Fort Smith, Ark. Lung medicine. 183,038; Dec. 18.
Logan, Thos. H., Co., Hudson, Mass. Leather boots and shoes with rubber and composition soles. 135,759; Jan. 16.
Lola Manufacturing Co., Inc., doing business as Lola Gingham Mills, Stanley, N. C. Colored cotton piece goods, bleached and dyed-in-the-yarn cotton piece goods. 181,197; Oct. 9.
London Chocolate Company, Limited, The, Stratford, London, England. Chocolates. 138,861; May 22.
London & Greenstein, Inc., New York, N. Y. Ladies' trimmed and tailored hats. 176,411; May 1.
London, M. A., doing business as National Remedies Company, San Francisco, Calif. Lotions and other pharmaceutical preparations. 164,441; Sept. 25.
London Shoe Co., Inc., New York, N. Y. Leather shoes. 169,170; Jan. 2.
London Shoe Co., Inc., New York, N. Y. Fabric and leather shoes. 172,948; Apr. 24.
London, William, High Point, N. C. Caps for men, women, and children. 165,753; May 8.
Lonesome Pine Apiaries. (See Harrison, George, jr.)
Long, C. Smith, doing business as Smith Long Laboratories, Portland, Oreg. Dental preparations. 165,798; Feb. 27.
Long Island Packing Co. Inc., Brooklyn, N. Y. Honey. 180,709; Sept. 25.
Long, S. S., & Bro. Inc., New York, N. Y. Butter, fresh eggs, and cheese. 157,932; Jan. 23.
Long, William R., St. Louis, Mo. Adhesives. 181,289; Sept. 4.
Longbottom, Chas. H., New York, N. Y. Pipes and cigar holders. 179,612; Nov. 13.
Longmont Farmers Milling & Elevator Co., The, Longmont, Colo. Wheat flour. 169,722; July 31.
Longo, Salvator, doing business as The Sanatone Co., Brooklyn, N. Y. Laxative in candy form. 187,322; Dec. 25.
Longren Aircraft Corporation, The, Topeka, Kans. Airplanes. 168,976; Jan. 23.
Lonsdale Co., Providence, R. I. Cambrics and nainsooks. 185,714; Nov. 20.
Loomis-Woodward Co., The, Fort Dodge, Iowa. Candies and chocolates. 158,086; Jan. 30.

Loose-Wiles Biscuit Company, also doing business as Loose-Wiles Company, Kansas City, Mo. Chocolate bars. 161,492; Feb. 20.
Loose-Wiles Biscuit Company, Long Island City, N. Y. Cakes. 179,542; Sept. 11.
Loose-Wiles Biscuit Company, Long Island City, N. Y. Biscuits. 181,200; Nov. 6.
Lord & Taylor, New York, N. Y. Shoes. 176,486; July 17.
Lord & Taylor, New York, N. Y. Suits, skirts, blouses, jacquettes, etc. 181,409; Nov. 20.
Loring, George, St. Louis, Mo. Electric sadirons. 149,856; Jan. 9.
Loris Undergarment Co. Inc., New York, N. Y. Underwear. 168,322; Nov. 27.
Lorraine Manufacturing Company, Pawtucket, R. I. Cotton goods in the piece. 178,747–8; May 22.
Lorraine Manufacturing Company, Pawtucket, R. I. Cotton goods in the piece. 178,749; June 12.
Los Angeles Fertilizer Company, Oakland, Calif. Meat scraps for poultry food. 159,269; July 31.
Los Angeles Foundry Company, Los Angeles, Calif. Steel and iron castings. 186,018; Dec. 4.
Los Angeles Knitting Company, Los Angeles, Calif. Sweater coats, jerseys, bathing suits, and scarfs. 174,967–8; Dec. 18.
Lottman Medicine Company, Cairo, Ill. Proprietary medicines for treatment of indigestion, sour stomach, etc. 179,009; Sept. 18.
Louda, Charles G., Detroit, Mich. Ice-cream bar. 163,277; Jan. 9.
Louis, A., Manufacturing Co. (See Eliaves, Alexander P.)
Louis Allis Company, The, Milwaukee, Wis. Electric motors, generators, rotary converters, etc. 183,790; Nov. 13.
Louis Diamond Co., Inc., New York, N. Y. Shirts and blouses. 180,922; Sept. 11.
Louis Stix Co., The Cincinnati, Ohio, and New York, N. Y. Brown cottons in the piece. 178,680; Dec. 4.
Louisiana Broom Manufacturers Association, New Orleans, La. Brooms. 173,517; Oct. 9.
Louisville Cereal Mill Co., Louisville, Ky. Horse and mule feed. 181,291; Nov. 20.
Louisville Coffee Company, The, Louisville, Ky. Coffee. 166,080; Apr. 17.
Louisville Coffee Company, The, Louisville, Ky. Popped corn and nut confection. 168,977; Mar. 13.
Louisville Grocery Co., Louisville, Ky. Canned fruits, vegetables, and fish, rice, macaroni, etc. 180,870; Nov. 6.
Louisville Milling Company, Louisville, Ky. Wheat flour. 166,695; Mar. 20.
Louisville Milling Co., Minneapolis, Minn. Wheat flour. 180,288–9; Sept. 25.
Louisville Milling Company, Minneapolis, Minn. Wheat flour. 172,890; Apr. 10.
Louisville Paper Co., Louisville, Ky. Bond paper. 181,901–2; Sept. 11.
Loup Valley Hatchery, St. Paul and Cushing, Nebr. Live chickens. 170,146; May 1.
Lournay, Inc., Milwaukee, Wis. Chemicals, medicines, and pharmaceutical preparations. 177,234; Dec. 11.
Lournay, Inc., Milwaukee, Wis. Rouge, cold cream, lip stick, etc. 179,279; Nov. 6.
Lournay, Inc., Milwaukee, Wis. Talcum powder, face powder, etc. 181,448; Nov. 27.
Lousols Philadelphia, Philadelphia, Pa. Ladies', women's, and misses' gowns, wraps, dresses, coats, etc. 168,901; Apr. 3.
Louvon Laboratory, Brooklyn, N. Y. Medicinal preparation for the treatment of burns, cuts, etc. 182,250; Oct. 23.
Lovejoy Manufacturing Company, Boston, Mass. Hydraulic shock absorber for automobiles. 177,090–1; July 17.
Lovell, H. R., & Co., Greenville, Pa. Preparation for the treatment of itching and diseased scalps, etc. 177,308; Aug. 14.
Lovell Oil Company, Inc., The, West Fort Lee, N. J. Lemon oil and other oils and polishes. 183,713; Oct. 30.
Lovering, Reuben W., doing business as Lovering Candy Company, St. Paul, Minn. Fudge bars or rolls. 181,837; Sept. 25.
Loving, George K., doing business as G. K. Loving Co., Richmond, Va. Food-flavoring extracts. 164,176; Dec. 4.
Lovinger-Schwartz Co., The, Cleveland, Ohio. Ladies' dresses. 179,414; July 10.
Lowe, Joe, Co. Inc., Brooklyn, N. Y. Cake and cake mix. 178,109; Aug. 21.
Lowe, Willis H., doing business as The Kala Company, Cambridge, Mass. Beauty clays. 180,135; Nov. 13.
Lowell Company, The, New York, N. Y. Toilet preparation for the removal of superfluous hair. 157,375; Apr. 10.
Lowell Company, The, New York, N. Y. Toilet preparation to darken and grow eyelashes. 157,376; Apr. 10.
Lowell Company, The, New York, N. Y. Compacts for face powder. 175,667; May 29.
Lowell Products Company. (See Morrissey, Frank T.)
Lowengart & Company, Portland, Oreg. Ladies' hats. 184,208; Nov. 27.
Lowenstein, L., & Son, doing business as National Feather & Pillow Company, Nashville, Tenn. Pillows containing feathers. 157,491; July 3.
Lowenthal, Henry, doing business as Standard Mfg. Co., Memphis, Tenn. Stick candy. 169,640; Feb. 27.
Lowney, Walter M., Company, The, Boston, Mass. Candy. 166,187; Jan. 16.
Lowney, Walter M., Company, Boston, Mass. Candy. 177,235; July 3.
Lowrance, John W., Boston, Mass. Cold cream, complexion powder, face powder, tooth paste, etc. 171,427; May 29.
Lowrey, Augustus, Okmulgee, Okla. Metal, pottery, and glass polishing compounds. 169,723; Nov. 13.
Lowry, Donald J., Pasadena, Calif. Lubricating oil and grease. 171,584. Apr. 3.
Loyd, Creth J., doing business as C. J. Loyd & Co., Greensburg, Ind. Dressed poultry and eggs. 175,255; June 5.
Lubbers and Bell Manufacturing Company, Clinton, Iowa. Game. 178,753; June 19.
Lubbers and Bell Manufacturing Company, Clinton, Iowa. Fly swatters. 187,325–6; Dec. 11.
Lubi-Kool Company, The, Casper, Wyo. Appliance for lubricating and cooling internal-combustion engines. 179,156; June 19.
Lubin, Harry, South Orange, N. J. Pipe racks. 183,074; Aug. 28.
Lubraseptol Co. (See Bresler, Abraham N.)
Lubricant Laxatives Corporation, The, Chicago, Ill. Emulsion of liquid paraffin. 185,976; Dec. 18.
Lubri-Gaiters Limited, Montreal, Quebec, Canada. Casings, coverings, and holders for oil and grease for automobile springs and parts. 182,421; Oct. 23.
Luburg, Charles E., doing business as "J-E" Storage Battery Company, Philadelphia, Pa. Electrolyte compound for storage batteries. 171,933; Apr. 10.
Lucas, Robert M., Chicago, Ill. Paints or cements. 168,113–15; Nov. 13.
Lucido Brothers Grocery Company, Granite City, Ill. Canned fruits and vegetables. 182,159; Nov. 27.
Lucile, Pearl Company. (See Bonk, John J.)
Lucile, Somarco Brassiere, The, New York, N. Y. Brassières. 169,768; Jan. 2.
Lucile Somarco Brassiere Co., New York, N. Y. Brassières. 176,560; Nov. 20.
Lucille Felt Slipper Co., Inc., New York, N. Y. Slippers made wholly or in part of felt. 156,007; Feb. 27.
Luckel, King & Cake Soap Company, Portland, Oreg. Laundry soap. 166,457; July 3.
Luckel, King & Cake Soap Co., Portland, Oreg. Soap powder. 186,145; Nov. 20.
Luden, Wm. H., Inc., Reading, Pa. Candy. 180,541; Sept. 18.
Luden, Wm. H. Inc., Reading, Pa. Candy. 180,542; Sept. 25.
Luden, Wm. H., Inc., Reading, Pa. Marshmallow candies. 183,308; Sept. 18.
Ludlum Steel Company, Watervliet, N. Y. Alloy steel. 162,749–50; Aug. 21.
Luft, George W., Company, Inc., Long Island City, N. Y. Lip stick and rouge. 182,664; Oct. 30.
Lukis Candy Company, Casper, Wyo. Candy. 158,683; Mar. 6.
Lumb Knitting Company, Pawtucket, R. I. Infants' patented buttonless shirts. 156,496; Oct. 23.
Lumen Bearing Company, Buffalo, N. Y. Bearing metal. 186,959; Dec. 25.
Lumidor Co., The. (See Semple, Jas A.)
Luminite Corporation, The, Newark, N. J. Luminous pendants for use with electrical switches and lamps. 165,876; Mar. 13.
Lummis & Co., Camden, N. J., and Philadelphia, Pa. Peanuts. 102,565–6; Oct. 30.
Lund, George, doing business as George Lund Company, New York, N. Y. Dolls and animals cut-outs to be filled with sand. 181,134; July 31.
Lungardia Company, Dallas, Tex. Laxatives. 175,936; May 29.
Lunn & Sweet Incorporated, Auburn, Me. Shoes. 182,594–6; Nov. 13.
Lunsford, Reuben A., doing business as California Products Company, Los Angeles, Calif. Mayonnaise and Thousand Island salad dressing. 174,087; May 8.
Lurie Company, Inc., The, New York, N. Y. Monthly magazine. 167,471; Apr. 24.
Lurye, B., & Co. (See Lurye, Benjamin.)
Lurye, Benjamin, doing business as B. Lurye & Co., Chicago, Ill. Hammers, hatchets, shovels, screw drivers, and chisels. 171,226; Apr. 17.
Lustroil Co. (See Nicomede, Joe.)
Luther, Charles G., doing business as Luthers Pharmacy, Beaufort, S. C. Preparations for the relief of itching, inflammation, and irritations of the skin, biliousness, etc. 156,331; Sept. 11.
Lutz & Zuellig, Manila, P. I. Cotton, silk, and woolen piece goods. 142,219–20; Apr. 10.
Luxite Laboratories, Kansas City, Mo. Pictures printed from camera negatives. 177,497; June 12.
Lydon, Louis H., doing business as Jolo Laboratories, Denver, Colo. Lotion to be used on hands and face. 174,664; Apr. 24.

Alphabetical list of trade-mark applicants—Continued.

Lynch, Alice L., doing business as Alice-Louise Co., New York, N. Y. Face creams and powders, perfumes, toilet waters, rouges, etc. 172,950; Mar. 13.
Lynch Heel Company, Chelsea, Mass. Rubber heels. 161,490; Feb. 27.
Lyndon Chemical Company, The, Dayton, Ohio. Ointment for aches, pains, burns, etc. 174,088–9; Apr. 24.
Lyraes Company, Inc., The, New York, N. Y. Phonographs or talking machines and parts thereof. 170,941; Jan. 23.
Lyon & Healy, Chicago, Ill. Musical instruments. 148,605; Mar. 27.
Lyon & Healy, assignor to Lyon & Healy, Inc., Chicago, Ill. Musical instruments, merchandise, and goods. 144,290; June 12.
Lyon & Healy, assignor to Lyon & Healy, Inc., Chicago, Ill. Cornets. 161,325; Aug. 7.
Lyon & Healy, assignor to Lyon & Healy, Inc., Chicago, Ill. Musical instruments and supplies for talking machines. 167,990; Dec. 4.
Lyon, J. H., & Co., Montgomery, Ala. Hosiery. 182,597; Sept. 4.
Lyons Bros. Co., The, doing business as The Cheery Tip Co., Dallas, Tex. Nonintoxicating, nonalcoholic, maltless fruit beverage. 172,751; Nov. 27.
Lyons Bros. Co., The, Dallas, Tex. Fruit beverage sold as a soft drink and sirups for preparation of same. 172,752; Feb. 20.
Lyons, Langston L., doing business as Yo! Mammy's Milk Co., St. Louis, Mo. Evaporated milk. 175,668; June 19.
Lyradion Manufacturing Company, Mishawaka, Ind. Radio receiving sets, loud speakers, batteries, amplifying horns, etc. 175,091; June 26.
Lyradion Manufacturing Company, Mishawaka, Ind. Phonographs both alone and in combination with radio receiving sets. 177,790; June 26.
Lysle, J. C., Milling Company, Leavenworth, Kans. Wheat flour. 173,098; Oct. 2.
Lysle, J. C., Milling Company, The, Leavenworth, Kans. Wheat flour. 173,099; May 15.
Lytton, Walter, Inc., Chicago, Ill. Combination phonograph and radio receiving sets, loud speakers, etc. 169,814; Sept. 4.
M. Valle y Ca., Inc., New York, N. Y. Cigars. 167,032; Jan. 9.
M M Importing Co., New York, N. Y. Smokers' pipes. 171,705; Jan. 30.
M. & V. Tank Company, Wichita Falls, Tex. Storage tanks. 183,527; Oct. 30.
Maatschappij tot Exploitatie van Rademaker's Koninklijke Cacao en Chocolade Fabrieken, The Hague, Netherlands. Chocolate candy.—166,532; Dec. 11.
Maatschappij tot Exploitatie van Rademaker's Koninklijke Cacao en Chocoladefabrieken, The Hague, Netherlands. Chocolate candy. 166,533; May 1.
Mabee, Charles R., Chicago, Ill. Live-stock feeds. 173,971; Aug. 21.
Mable Claire Studio. (See Bechdolt, Jack and M.)
Mabley & Carew Company, The, Cincinnati, Ohio. Cloaks, wraps, and suits for ladies. 169,174; Jan. 30.
Macdonald, David B., Leicester, England. Boots, shoes, and slippers and their components. 184,087; Dec. 18.
Macdonald, Helen M., Vancouver, British Columbia, Canada. Herbal remedy for expectant mothers. 157,492; June 19.
Macfadden Publications, Inc., New York, N. Y. Monthly magazine. 186,847; Dec. 11.
MacGillivray, Dr. D. D., Pine Village, Ind. Goiter ointment. 172,278; Apr. 17.
Mack Battery Company, Los Angeles, Calif. Storage batteries and parts. 169,065; May 22.
Mack, Edward F., New York, N. Y. Advertising posters. 176,682; May 22.
Mack Tool Company, Inc., Rochester, N. Y. Carving, edge, and coopers' tools and the like. 174,523; May 1.
Mackechnie Bread Company, Los Angeles, Calif. Bread. 156,097; Nov. 20.
MacKenzie's, Duncan, Sons Co., Trenton, N. J. Ferrous metals. 182,352; Oct. 23.
MacLean Drug Company, Chicago, Ill. Patent medicines. 172,845; Sept. 18.
MacLean Drug Company, Chicago, Ill. Shoe polish, shaving cream, soap, etc. 175,504; Sept. 11.
MacLean Drug Company, Chicago, Ill. Flotation devices, tennis balls, toy vehicles, etc. 178,755; Aug. 21.
MacLean Drug Company, Chicago, Ill. Knives, shears, scissors, razors, etc. 178,756; Oct. 2.
MacLean Drug Company, Chicago, Ill. Mops, brooms, dusters, and brushes. 178,757; Oct. 30.
MacLean Drug Company, Chicago, Ill. Fountain pens, penholders, lead pencils, etc. 178,758; Nov. 13.
Macleay Estate Co., The, Portland, Oreg. Cheese. 168,772; Mar. 20.
Macomb Manufacturing Company. (See Brainard, Pearl H.)
Macphee & Company, Inc., Philadelphia, Pa. Nerve-tonic medicine. 179,806; Sept. 11.
Macy, R. H., & Co., Inc., New York, N. Y. Household furniture. 160,296; Aug. 7.
Macy, R. H., & Co. Inc., New York, N. Y. Hair restorer and tonic. 171,542; Feb. 20.
Macy, R. H., & Co., Inc., New York, N. Y. Boys' skating sets. 172,844; May 22.
Macy, R. H., & Co., Inc., New York, N. Y. Aprons. 174,524; July 17.
Macy, R. H., & Co., Inc., New York, N. Y. Ophthalmic lenses. 175,363; May 15.
Macy, R. H., & Co., Inc., New York, N. Y. Artificial silk in the piece. 182,314; Sept. 25.
Macy, R. H., & Co., Inc., New York, N. Y. Men's and young men's overcoats. 186,146; Dec. 11.
Madden, D. D., & Co., Inc., Portland, Oreg. Paper used for printing or lithographing bank checks, etc. 182,713; Oct. 2.
Maddock, Arthur G., Duarte, Calif. Fresh citrous fruits. 178,854; Sept. 25.
Madison, James, San Francisco, Calif. Canned fish. 175,611; Oct. 16.
Madson, C. C., Lanesboro, Minn. Ice cream. 166,396; May 15.
Maeda, Y., doing business as Liberty Produce Company, Livingston, Calif. Deciduous fruits and grapes in their natural state. 158,782; June 19.
Maeshima, Shintaro, Tokyo, Japan. Therapeutical apparatus called oxyhealer used for injecting oxygen into the body. 155,900; July 10.
Maffitt, Ellen W., doing business as University Pickle Company, St. Louis, Mo. Pickles. 171,371; May 15.
Magee Furnace Company, Boston, Mass. Combination stoves or ranges heated by burning of combustible fuel and electricity. 167,481; Jan. 23.
Maggioros & Rousos, Rochester, N. Y. Oil for mayonnaise and salads. 180,075; Nov. 6.
Magic Leather Treatment Company, Detroit, Mich. Preparation for preserving and making flexible canvas and leather belting. 175,257; Aug. 21.
Magi-Graph Co., The, New York, N. Y. Toys. 171,092; Jan. 16.
Magnavox Company, The, Oakland, Calif. Electrical sound amplifiers for phonographs. 155,823; May 8.
Magner, Charles T., Cleveland, Ohio. Dental suction plates. 167,779; Apr. 10.
Magnete Corporations Company, Holland, Mich. Molded composition structures for building and appurtenances relating thereto and molded composition building tile. 170,497; Feb. 6.
Magnolia Metal Company, New York, N. Y. Babbitt, bearing, and antifriction metals and alloys. 168,929–30; Jan. 9.
Magnus Chemical Company (Inc.), Brooklyn, N. Y. Soap and soap mixtures. 180,543; Aug. 21.
Magnus Hessberg, Inc., Richmond, Va. Leather. 167,174; Feb. 13.
Magnus Imports, Ltd., New York, N. Y. Clothing. 180,871; Sept. 18.
Magnus, Joseph E., doing business as Puritan Malt Extract Co. (Not Inc.), Chicago, Ill. Malt extracts. 150,363; Oct. 16.
Magnus, S. W., & Co., New York, N. Y. Handkerchiefs. 182,160; Aug. 21.
Mah-Jongg Sales Company of America, San Francisco, Calif. Dolls. 179,614; June 19.
Mah Juck Mfg. Co. (See Gaffey, John T.)
Mahoney & Saxton, North Adams, Mass. Salad dressings. 163,279; Feb. 6.
Mahoney, Thomas C., Bloomington, Ill. Candy. 167,087; Jan. 23.
Mahr Manufacturing Company, Minneapolis, Minn. Oil-burning equipment, furnaces, torches, etc. 172,683; July 17.
Maillard, Martin, Springfield, Mass. Vermin exterminators. 184,033; Nov. 27.
Mailliard & Schmiedell, San Francisco, Calif. Olive oil. 165,801–2; Apr. 24.
Mailliard & Schmiedell, San Francisco, Calif. Canned fruits. 167,312; Feb. 6.
Maine Seed Potato Growers. (See Phillips & Company.)
Mainette Company. (See Antle, Paul.)
Maison Blanche Co., New Orleans, La. Candy. 172,753; Aug. 28.
Maison Gerry, Inc., New York, N. Y. Cream, lotion, powder, etc. 174,139; Dec. 4.
Maison Maurice, Inc., New York, N. Y. Women's and misses' hats, dresses, coats, wraps, and capes. 186,481; Dec. 18.
Maison Mendessolle, San Francisco, Calif. Perfume, talcum, sachet, and face powders. 183,841; Nov. 20.
Majestic Clothing Company, The, New York, N. Y. Men's, young men's, and boys' outer suits, top coats, pants, etc. 181,431; July 17.
Majestic Manufacturing Company, St. Louis, Mo. Steamers, seamless steam kettles, copper-jacketed kettles, etc. 152,763; June 5.
Majestic Shoe Company, New York, N. Y. Shoes. 176,412; July 17.
Malcuit, Alphonse, Pittsfield, Mass. Ointment for hemorrhoids. 184,507; Dec. 4.
Maldari, F., & Bros., New York, N. Y. Molds for the manufacture of alimentary pastes. 175,018; Mar. 20.
Maline Mills Company, The, Winston-Salem, N. C. Knit and woven underwear. 182,252; Oct. 9.

Maline Mills, The, Winston-Salem, N. C. Knit underwear and undershirts, princess slips for women. 168,478; July 17.
Ma-Lit-Ta Co., The. (See McCarthy, John C.)
Mallas Cravis Co., New York, N. Y. Women's and misses' dresses. 176,029; July 10.
Mallinson, H. R., & Co., Inc., New York, N. Y. Silk piece goods. 172,754; Mar. 6.
Mallinson, H. R., & Co. Inc., New York, N. Y. Silk piece goods. 172,755–6; Feb. 13.
Mallinson, H. R., & Co. Inc., New York, N. Y. Silk piece goods. 173,137–8; Feb. 13.
Mallinson, H. R., & Co. Inc., New York, N. Y. Silk piece goods. 173,139; Apr. 24.
Mallinson, H. R., & Co. Inc., New York, N. Y. Silk piece goods. 174,020; Apr. 17.
Mallinson, H. R., & Co. Inc., New York, N. Y. Clothing. 176,085; Oct. 16.
Mallinson, H. R., & Co. Inc., New York, N. Y. Silk piece goods. 177,092; May 1.
Mallinson, H. R., & Co. Inc., New York, N. Y. Silk piece goods. 178,110; May 15.
Mallinson, H. R., & Co. Inc., New York, N. Y. Silk piece goods. 178,524; May 15.
Mallinson, H. R., & Co. Inc., New York, N. Y. Silk piece goods. 186,559; Dec. 18.
Mallory Hat Company, The, Danbury, Conn. Hats for men, women, and children. 156,653; May 8.
Mallott, Johnson Co., Chicago, Ill. Canned vegetables, fruits, and fish, fruit jellies, etc. 185,025–6; Dec. 25.
Malloy, Samuel J., New York, N. Y. Pharmaceutical preparations. 182,544; Oct. 23.
Malone, Annie M., doing business as Poro College, St. Louis, Mo. Liquid and ointment preparations for promoting the growth of the hair, shampoo, etc. 171,464; Mar. 27.
Malone Dairy Co., New York, N. Y. Fermented milk. 165,804; Jan. 30.
Malone-Lemmon Laboratories, New York, N. Y. Electrical apparatus and equipment—namely, rheostats. 172,424; Feb. 20.
Malouf, Abraham M., New York, N. Y. Garters. 179,618; Sept. 11.
Malsin, Albert, New York, N. Y. Soap. 164,060; Sept. 11.
Malt-Diastase Company, New York, N. Y. Malt extracts. 148,156; Mar. 13.
Maltana Company, The, Welland, Ontario, Canada. Wheat and pancake flour, flour for making pastries, etc. 164,253; Sept. 25.
Maltese Textile Corporation, New York, N. Y. Cotton goods in the piece. 177,498; Aug. 21.
MalVaz Malt Extract Company, Chicago, Ill. Malt extracts for food purposes. 180,481; Oct. 16.
Mama Cookie Bakery, Chicago, Ill. Cookies. 181,758; Sept. 25.
Manassas Feed & Milling Co. (See Robertson, Bolling L.)
Manatee Fruit Co., Palmetto, Fla. Fresh citrus fruits, fresh tomatoes, celery, lettuce. 167,183; Mar. 6.
Manchester Handle & Turning Company. (See Shurtz, Thomas M.)
Manchester Knitting Mills, Inc., Los Angeles, Calif. Men's, women's, and children's knitted and textile bathing suits. 174,844; June 5.
Manchester Reeling and Winding Company, Limited, The, Manchester, England. Cotton yarn and sewing cotton. 170,332; Feb. 6.
Mandell, Kaufmann, Casa Grande, Ariz. Handkerchiefs. 183,580; Sept. 18.
Mandel's B., Sons, Philadelphia, Pa. Men's and young men's serge suits. 168,539; Mar. 20.
Manfield and Sons, Limited, Northampton, England. Football boots of leather. 173,935; Sept. 11.
Manganese Bronze and Brass Co. Limited, Westminster, London, England. Metals used in manufacture. 178,051; Sept. 25.
Manhasset Manufacturing Company, Providence, R. I. Cotton thread and yarn. 167,728; Jan. 9.
Manhasset Manufacturing Company, Providence, R. I. Cotton tire fabrics in the piece. 170,439–40; Apr. 3.
Manhasset Manufacturing Company, Providence, R. I. Cotton fabric in the piece. 170,440; Jan. 30.
Manhasset Manufacturing Company, Providence, R. I. Cotton thread and yarn. 170,889; Jan. 30.
Manhasset Manufacturing Company, Providence, R. I. Cotton thread and yarn. 171,179; Jan. 2.
Manhattan Baking Powder Co., New York, N. Y. Cocoa pudding and cornstarch. 174,316; June 5.
Manhattan Electrical Supply Co. Inc., New York, N. Y. Electrical apparatus, Machines, and supplies. 169,134; Feb. 13.
Manhattan Electrical Supply Company, Inc., New York, N. Y. Telephonic receivers and head sets. 174,253; Mar. 27.
Manhattan Knitting Mills, Inc., New York, N. Y. Sweaters. 175,431; June 12.
Manhattan Rubber Mfg. Co., Passaic, N. J. Brake lining. 166,839; Sept. 4.
Manhattan Rubber Mfg. Co., The, Passaic, N. J. Machinery belting, hose, and packing. 160,825; June 19.
Manhattan Soap Company. (See Burke, Frank G.)
Mani-Fold Company, The, Cleveland, Ohio. Blank forms. 168,773; Dec. 4.
Manion, Catherine M., doing business as Manion Surgical Supply House, New York, N. Y. Obstetrical outfits and surgical supplies. 167,881; Feb. 27.
Manion Surgical Supply House. (See Manion, Catherine M.)
Mann, Arthur B., doing business as Tecq Products Company, Brooklyn, N. Y. Skin lotions and medicinal preparations for inflamed mucous membrane. 177,499; Aug. 7.
Mann, Clyde A., Chicago, Ill. Almanac and yearbook. 176,269; Oct. 16. 1923.
Mann, Clyde A., Chicago, Ill. Hand and manual book. 183,339; Dec. 18.
Mann, William Company, Philadelphia, Pa. Pass books. 173,266; Feb. 13.
Mannesmannröhren Werke, Dusseldorf, Germany. Ammonia, chlorine, hydrogen, oxygen, and carbon-dioxide cylinders, bottles, flasks, etc. 163,688; Sept. 4.
Mannesmannröhren-Werke, Dusseldorf, Germany. Tubes, tube joints, pipes, etc. 163,689; Sept. 25.
Mannesmannröhren-Werke, Dusseldorf, Germany. Bicycles and motor cycles and parts thereof, etc. 163,691; Aug. 14.
Mannesmannröhren-Werke, Dusseldorf, Germany. Lightning arresters and rods, tips, etc. 163,693; Aug. 7.
Mannesmannröhren Werke, Dusseldorf, Germany. Steam boilers and condensers, hot-air and hot-water furnaces, etc. 163,695; Dec. 11.
Mannesovitch, Israel, jr., doing business as Schenectady Knit Goods House, Schenectady, N. Y. Hosiery and underwear. 165,803; Jan. 9.
Manning, Maxwell & Moore, Inc., New York, N. Y. Copper-nickel-alloy castings. 177,565; July 24.
Manny-Rielly Co., New York, N. Y. Knitted and textile underwear. 177,135; Aug. 28.
Mansfield Chemical Company, Chicago, Ill. Furniture and automobile polishes. 164,600; Apr. 10.
Mansfield, Richard H., Cottage City, Md. Cartoons. 161,746; Feb. 20.
Manton-Gaulin Manufacturing Company, Inc., Boston, and South Boston, Mass. Homogenizer for rendering homogeneous the ingredients of compounded products. 172,425; May 29.
Manufacturer's Motor Products Co., Los Angeles, Calif. Piston-ring expanders. 167,919; Feb. 6.
Manufacturers Supplies Company, St. Louis, Mo. Threads. 158,632; June 5.
Manufacturers Supplies Company, St. Louis, Mo. Threads. 158,633; May 22.
Manufacturers Supplies Company, St. Louis, Mo. Threads. 158,936; May 22.
Manufacturers Supplies Company, St. Louis, Mo. Threads. 171,334; Jan. 2.
Manufactures des Glaces et Produits Chimiques de St. Gobain, Chauny & Cirey, Paris, France. Plate glass and glassware. 168,720; Jan. 9.
Manufacturing Jewelers Export Co., Inc., New York, N. Y. Articles of jewelry and personal adornment. 169,680; May 29.
Mapele Silk Manufacturing Co. Inc., Paterson, N. J., and New York, N. Y. Ribbons of silk and artificial silk. 166,781; Jan. 30.
Maple Grove Candies, Inc., St. Johnsbury, Vt. Maple cream, sirup, sugar, and honey, sauce for ice cream. 154,522; Apr. 17.
Maple Producer's Co-Operative Association, Inc., Syracuse, N. Y. Maple sirup and sugar. 175,432; June 19.
Maple Products Co., Brooklyn, N. Y. Candy. 162,498; Jan. 30.
Mappin & Webb Limited, Sheffield and London, England. Buttonhooks, shoehorns, buttonhook and shoehorn combinations, and glove hooks. 159,474; Jan. 2.
Mappin & Webb, Limited, Sheffield and London, England. Manicure scissors, nail clippers, files, and tweezers. 159,476; Feb. 27.
Mappin & Webb Limited, Sheffield and London, England. Lancets, fleams, and surgical scissors. 159,477; Feb. 27.
Maranto, Giuseppe P., Baltimore, Md. Preparation for the relief and cure of indigestion. 169,600; Mar. 20.
Marathon Company, The, Cuyahoga Falls, Ohio. Safety straps to hold children in high chairs, gocarts, etc. 162,027; Jan. 9.
Marathon Tire & Rubber Company, The, Cuyahoga Falls, Ohio. Cardcases, bill folds, hand bags, music rolls, etc. 148,498; Jan. 2.
Marathon Tire & Rubber Company, The, Cuyahoga Falls, Ohio. Leather, etc., belts for supporting outer garments. 148,499; Jan. 9.
Marathon Tire & Rubber Company, Cuyahoga Falls, Ohio. Golf balls and golf-stick grips. 149,922; Oct. 23.
Marble Mills, Inc., The, Evanston, Ill. Underwear of knitted fabric. 179,874; Aug. 28.
Marblehead Lime Company, Chicago, Ill. Hydrated lime. 185,604; Dec. 25.
Marbletex Co., Inc., The, West Hoboken, N. J., and New York, N. Y. Silks, silk and cotton mixtures, cotton goods, linens, and draperies. 175,938; Apr. 10.
Marchant Calculating Machine Company, Emeryville, Calif. Calculating machines. 169,066; Jan. 2.
Marchiony Brothers, Inc., New York, N. Y. Ice cream, flavored ice, ice-cream bricks, etc. 157,377; Aug. 14.

Alphabetical list of trade-mark applicants—Continued.

Marchiony, Italo, Hoboken, N. J. Ice-cream cones. 184,971; Oct. 16.
Marcus, Julius Company, Chicago, Ill. Food-flavoring extracts. 169,313; May 1.
Marett, Ruby E., New York, N. Y. Beverages, fruit sirups, extracts, and flavorings for the same. 184,412; Sept. 18.
Marfield Radio Mfg. Co. (See Hirshfield, Maurice W.)
Margolies, J. B., Wholesale Grocer Co., East St. Louis, Ill. Canned vegetables. 185,029–30; Nov. 6.
Margolis Yelen Kaiser Co. Inc., Chicago, Ill. Hosiery. 155,231; Mar. 20.
Marguerite Laboratories. (See Murphy, Margaret C.)
Margulies, Larry J., New York, N. Y. Women's dresses and waists. 176,902; June 26.
Margus, Julie, Berkeley, Calif. Liquid medicine for tuberculosis. 164,656; Aug. 7.
Mari Valda Beauty Products Co. (See Thompson, Albert H.)
Mariba Co. (See Boethling, William C.)
Marie Antoinette Perle Co. (See Blauston, Nathan L.)
Marine Oil Company, Ltd., New Orleans, La. Cup and axle grease. 166,386; Nov. 13.
Marine Oil Company, Ltd., New Orleans, La. Machine oil. 166,388; Nov. 27.
Marinello Company, La Crosse, Wis. Rouge and face powder. 177,187; July 31.
Marinello Company, La Crosse, Wis. Bleaching paste for whitening face, neck, arms, and hands. 181,533; Sept. 18.
Marinello Company, La Crosse, Wis. Rouge and face powder. 182,426; Nov. 6.
Marinello Company, La Crosse, Wis. Brilliantine. 184,979; Dec. 4.
Marinette Electric Corporation, Marinette, Wis. Radio receiving sets. 176,634; Apr. 24.
Marinette Electric Corporation, Marinette, Wis. Phones for use with radio apparatus. 176,635; May 29.
Marinette Electric Corporation, Marinette, Wis. Phones for use with radio and telephone apparatus. 182,353; Oct. 23.
Marion Tool Works, Inc., Marion, Ind. Steel tools. 184,946; Nov. 20.
Marjoline Dresses. (See Kirschner, M., & Sons.)
Mark Brothers, New York, N. Y. Men's, boys', and children's suits and coats. 150,365; Jan. 9.
Markel, Howard, New York, N. Y. Title for heading of newspaper column or article. 185,223; Dec. 25.
Markman, Simon, New York, N. Y. Clay and paste for the complexion. 162,941; Apr. 24.
Markt & Hammacher Company, doing business as American Manufacturing Company, New York, N. Y. Agricultural implements. 171,277; Oct. 30.
Markt & Hammacher Company, New York, N. Y. Carpenters' tools, agricultural implements. 172,233; Apr. 17.
Markwell Manufacturing Co., Inc., New York, N. Y. Hatchets, hammers, crate openers, etc. 185,372; Nov. 20.
Marle Engineering Company, Orange, N. J. Transformers. 184,252; Nov. 13.
Marmite Food Extract Co., Ltd., London, England. Poultry food. 183,581; Dec. 25.
Marmola Company, Detroit, Mich. Deodorant. 178,621; Sept. 18.
Marne Oil Company, Ltd., New Orleans, La. Cylinder and automobile oil for lubricating purposes. 166,384; Feb. 20.
Marolyn Extract Co. (See Palmer, Marion C.)
Maronik, Dannel, Detroit, Mich. Banana flour. 185,979; Dec. 25.
Maronik, Dannel, Detroit, Mich. Banana jelly. 185,980; Nov. 27.
Maronik, Dannel, Detroit, Mich. Dried banana slices. 185,981; Nov. 27.
Marquette Manufacturing Company, St. Paul, Minn. Rim and tire tools. 172,049; Mar. 27.
Marquette Manufacturing Company, St. Paul, Minn. Luggage carriers, shock absorbers, combined fender braces and bumpers. 176,561; July 24.
Marr, H. A., Grocery Co., The, Denver, Colo. Canned vegetables and fruits, spices, breakfast cereals, flour, etc. 181,299; Nov. 27.
Marrett, Bonin, Label et Guieu, Paris, France. Alloys and alloys for use in jewelry and jewelers' wares. 170,301; Mar. 13.
Marret, Bonnin, Lebel et Guieu, Paris, France. Metals and metals for use in jewelry and jewelers' ware. 170,302; Mar. 6.
Marret, Bonnin, Lebel & Guieu, Paris, France. Alloy intended to be used for jewelry and jewelers' goods. 180,018; Sept. 4.
Marrus, Isaac I., Scranton, Pa. Suits, overcoats, sheepskin coats, pants, etc. 177,310; Sept. 18.
Mars Grand Rug Co., The, Pawtucket, R. I. Rags, carpets, and other textile floor coverings. 183,390; Sept. 18.
Marschat Import Co. Inc., New York, N. Y. Cologne waters, bath salts, face clays, etc. 167,530; Apr. 3.
Marsh, Lavinia A., doing business as E. Morgan & Sons, Providence, R. I. Pharmaceutical product for the treatment of poisoning, burns, bruises, etc. 170,500; Feb. 20.
Marshall & Burke, Richmond, Calif. Paint and varnish remover. 169,642; Jan. 9.
Marshall Candy Company, Brooklyn, N. Y. Candy. 171,227; Mar. 27.
Marshall Canning Company, Marshalltown, Iowa. Canned foods. 165,398; Jan. 30.
Marshall, Clifford C., Vincennes, Ind. Medicinal ointment for the treatment of scalp and hair. 175,877; May 15.
Marshall, Edward E., doing business as Huntingdon Manufacturing Company, Philadelphia, Pa. Golf balls. 170,883–4; Jan. 9.
Marshall, Ethel L., Winston-Salem, N. C., assignor to American Knit Products Company, Wilmington, Del. Knit skirts, princess slips, etc. 157,385; Nov. 27.
Marshall Field & Company, Chicago, Ill. Sheets and pillowcases. 140,289; Apr. 10.
Marshall Field & Company, Chicago, Ill. Writing paper. 146,536; Oct. 23.
Marshall Field & Company, Chicago, Ill. Women's hosiery. 158,115; Apr. 24.
Marshall Field & Company, Chicago, Ill. Jewelry. 161,539; Feb. 20.
Marshall Field & Company, Chicago, Ill. Hairpins, common pins, hand sewing needles, crochet hooks, lace pins, etc. 161,546; Feb. 6.
Marshall Field & Company, Chicago, Ill. Bimonthly magazines. 161,681; May 1.
Marshall Field & Company, Chicago, Ill. Cigar and cigarette cases. 165,366; Jan. 30.
Marshall Field & Company, Chicago, Ill. Silk and cotton piece goods. 165,923; Mar. 27.
Marshall Field & Company, Chicago, Ill. Suspenders, arm bands and men's belts. 165,942; Nov. 27.
Marshall Field & Co., Chicago, Ill. Ladies' hosiery. 166,058; Jan. 30.
Marshall Field & Company, Chicago, Ill. Sachet and face powder, vanishing cream, cold cream, rouge, etc. 169,641; Feb. 6.
Marshall Field & Company, Chicago, Ill. Scissors, shears, and pocketknives. 177,371; July 31.
Marshall Field & Company, Chicago, Ill. Cotton piece goods. 179,521; Aug. 14.
Marshall Field & Company, Chicago, Ill. Perfume. 179,523; Aug. 21.
Marshall Field & Company, Chicago, Ill. Cotton linings in the piece. 179,524; Sept. 11.
Marshall Field & Company, Chicago, Ill. Wool and wool and silk mixture yarns. 181,262; Aug. 7.
Marshall Field & Company, Chicago, Ill. Muslin in the piece. 181,263; Aug. 7.
Marshall Field & Company, Chicago, Ill. Muslin in the piece. 181,265; Oct. 23.
Marshall Field & Company, Chicago, Ill. Wool and wool and silk mixture yarns. 181,266; Aug. 7.
Marshall Field & Company, Chicago, Ill. Women's muslin underwear. 181,267; Oct. 2.
Marshall Field & Company, Chicago, Ill. Wool and wool and silk mixture yarns. 181,268; Aug. 7.
Marshall Field & Company, Chicago, Ill. Hosiery. 181,269; Oct. 16.
Marshall Field & Company, Chicago, Ill. Nail files, toilet tweezers, nail and cuticle nippers. 181,270; July 17.
Marshall-Gerken Company, The, Toledo, Ohio. Electrical binding paste. 173,775; June 12.
Marshall-King Laboratories. (See Hance Brothers & White Incorporated.)
Marshall & Muller, Lodi, Calif. Fresh deciduous fruits and grapes. 174,581; June 26.
Marshall, Robert S., doing business as The Steenburg Fur Company, Gloversville, N. Y. Preparation for prevention of moths. 170,826; Feb. 13.
Marshall Ventilated Mattress Co. Limited, The, Toronto, Ontario, Canada. Mattresses. 181,838; Aug. 28.
Marshall-Wells Company, Duluth, Minn. Laundry washing machines and wringers. 174,211; Apr. 24.
Marshall-Wells Company, Duluth, Minn. Carpenters' gauges, plumb bobs, plumbs and levels, etc. 178,527; Aug. 7.
Marshall-Wells Company, Duluth, Minn. Hammers. 178,528; July 31.
Marshall-Wells Company, Duluth, Minn. Hammers, hatchets, saws, planes, etc. 178,528; Oct. 30.
Marshall-Wells Company, Duluth, Minn. Sand, emery, and garnet paper, emery and garnet cloth, sharpening stones, etc. 178,532; Aug. 21.
Marshall-Wells Company, Duluth, Minn. Pack sacks saddles, horse collars, harness, etc. 178,533; June 19.
Marshall-Wells Company, Duluth, Minn. Coal and gas ranges, coal, gas, wood, and oil heaters, gasoline cookstoves, and hot-air furnaces. 178,855; July 24.
Marshall-Wells Company, Duluth, Minn. Paint and shaving brushes. 181,135; July 24.
Marshall-Wells Company, Duluth, Minn. Varnish and varnish-stain products. 185,031; Oct. 30.
Marshall, William E., Chicago, Ill. Artificial log for fireplaces. 182,979; Nov. 20.
Marshuetz, Leo J., doing business as Marshuetz & Company, Montgomery, Ala. Cotton cloth in the piece. 171,133; Dec. 18.
Mar-Son Medicine Co., St. Louis, Mo. Tooth paste for the treatment and prevention of pyorrhea. 183,844; Dec. 18.

Marstin, Clayton R., doing business as The Blazeout Company, Boston, Mass. Fire-extinguishing powders. 168,272; Apr. 3.
Marston, Dudley J., Amesbury, Mass. Baseball bats. 183,658; Dec. 25.
Martha Maid Manufacturing Company, Inc., Chicago, Ill. Cotton, silk, wool, and linen underwear of knitted and textile fabric for females. 178,084; July 17.
Martha Maid Manufacturing Company, Incorporated, Chicago, Ill. Children's dresses. 178,367; July 10.
Martin, Anita, New York, N. Y. Dress shields. 166,240; Jan. 2.
Martin Brothers Company, Minneapolis, Minn. Shirts, overalls, pants, jackets, etc. 154,611½; Sept. 18.
Martin, C. J., Austin, Tex. Wood preservative and disinfectant and insecticide. 170,942; Aug. 7.
Martin, C. J., Austin, Tex. Poultry medicine for the treatment of blackheads, etc. 170,943; Aug. 7.
Martin Cantine Co., The, Saugerties, N. Y. Enameled book paper. 182,980–1; Sept. 11.
Martin, John H., doing business as Dermavel Laboratories, New York, N. Y. Toilet clay. 171,180; Feb. 13.
Martin-Senour Company, The, Chicago, Ill. Paints (liquids, paste, or semipaste), paint enamels, japans, varnishes, stains, etc. 155,358; Feb. 13.
Martin Varnish Company, Chicago, Ill. Varnishes. 167,882; Feb. 20.
Martin, W. & J., Glasgow, Scotland. Leather. 175,148; June 5.
Martinez, F. T., & Sons, Brownsville, Tex. Hatbands. 183,452; Nov. 27.
Martinka, Joseph J., Newark, N. J. Preparation for pains, burns, bruises, and cancer. 166,603; Jan. 2.
Martins Birmingham Limited, Birmingham, England. Golf balls and footballs. 173,972; May 1.
Martoccio, F. A., Macaroni Co., Minneapolis, Minn. Macaroni. 175,258; June 19.
Martorelli, Raffaele, New York, N. Y. Fish preserved in oil, canned vegetables, rice, coffee, tea. 168,726; Sept. 25.
Marvel Equipment Company, The, Cleveland, Ohio. Liquid measuring and dispensing pumps. 170,985; Feb. 20.
Marvel Products Company, The, Cleveland, Ohio. Gasoline and liquid gauges. 177,682; May 29.
Marvel Tractor Co., The, Columbus, Ohio. Motor-driven farm tractors. 142,798; May 22.
Marvelette Company, Defiance, Ohio. Hair tonic. 179,945; Aug. 14.
Marvello Lace Company, New York, N. Y. Lace edgings in the piece. 168,220; Apr. 24.
Marvellum Company, The, Holyoke, Mass. Cover paper. 178 856–7; May 22.
Marvel-o Manufacturing Company. (See Laidlaw, James H.)
Marvil Garment Company. (See Darrish, Morris E.)
Marty, Carl, and Company, Chicago, Ill. Cheese. 162,432. Jan. 30.
Marty, Carl, & Company, Chicago, Ill. Cheese. 181,904; Oct. 2.
Marvin, Burdette K., doing business as Marvin Date Company, Riverside, Calif. Dates. 170,688; May 8.
Marvin, Charlotte E., San Francisco, Calif. Jellies, jams, preserves, marmalades, and pickles. 176,198; Aug. 14.
Marvin, E. W., Company, Troy, N. Y. Nurses' collars, cuffs, aprons, caps, bibs, uniforms, etc. 174,845; July 24.
Mary Louise. (See Plumbridge, Charles H.)
Maryland Packing Co., Baltimore, Md. Prepared mustard, mayonnaise and olive relishes. 160,145; Mar. 27.
Masol Chemical Co., Chicago, Ill. Toilet preparations. 181,760; Sept. 18.
Mason, Au & Magenheimer Confectionery Manufacturing Company, Brooklyn, N. Y. Candies. 168,978; Apr. 3.
Mason, David, doing business as Elinette Co., New York, N. Y. Toilet preparations—namely, toilet water, powder, cream, etc. 157,330; Feb. 13.
Mason, John, doing business as Mason Mfg. Co., Sausalito and San Francisco, Calif. Substitute for turpentine. 170,395; Mar. 20.
Mason, Judson T., doing business as Tol-O-Nite Remedy Co., Washington, D. C. Compound for treating influenza, grippe, etc. 174,317; Apr. 24.
Mason Mfg. Co. (See Mason, John.)
Mason, Robert L., doing business as Anchor Sales Service, Waterloo, Iowa. Trading certificates. 173,518; May 29.
Massachusetts Baking Company, doing business as Six Bakers, Springfield, Mass. Bread. 174,582; Dec. 11.
Massachusetts Chocolate Company, Boston, Mass. Sweet-chocolate nut bars. 167,479; Feb. 6.
Massachusetts Knitting Mills, Boston, Mass. Hosiery. 163,162; Jan. 2.
Master Builders Company, The, Cleveland, Ohio. Preparations to be incorporated with mortar, cement, etc., for the purpose of coloring, hardening, etc., the setting. 170,148; July 3.
Master Method Music Co. (See Moulton, Hi.)
Master Radio Corporation, Los Angeles, Calif. Radiotelephone attachments. 171,453; Feb. 20.
Master Radio Corporation, Los Angeles, Calif. Radiotelephone attachments. 171,544; May 29.
Master Reporting Co. Inc., The, Indianapolis, Ind. Covers or binders. 141,682; Dec. 25.
Master Rule Mfg. Co. Inc., New York, N. Y. Rules, folding rules, extension rules. 177,044; July 10.
Master Tire & Rubber Co., The, Dayton, Ohio. Rubber tires. 175,726; Oct. 23.
Mastin & Company, Inc., New York, N. Y. Treatment for coughs, sore throat, etc. 184,173; Dec. 18.
Mastin & Company, Inc., New York, N. Y. Treatment for rheumatism, kidney, liver, and bladder complaints. 184,174; Dec. 18.
Masuda, Tomekechi, doing business as Nippon Tea Co., Cleveland, Ohio. Tea, coffee, rice, and extracts for seasoning foods. 159,518; May 8.
Mathews, William H., doing business as The Mathews Medical Company, San Francisco, Calif. Medical tonic for use in the treatment of anæmia, debility, stomach derangements, etc. 177,447; July 10.
Matre & Company, Chicago, Ill. Pocket holy-water fountain. 166,951; Mar. 27.
Matson, Francis G., Washington, D. C. Edible food comprised of a frankfurter incased in dough baked with the frankfurter. 177,857; Aug. 21.
Matson, Francis G., Washington, D. C. Edible food comprised of a frankfurter incased in dough baked with the frankurter. 177,918; Aug. 21.
Mattei, Andrew, Fresno, Calif. Fresh grapes and raisins. 178,266; June 12.
Matth. Hohner Akt. Ges., Trossingen, Germany. Mouth harmonicas. 138,330; June 12.
Matthews, Jas. H., & Company, Pittsburgh, Pa. Steel marking dies. 177,791; July 3.
Matthews, Jas. H., & Company, Pittsburgh, Pa. Forged bodies for hand stamps, fullered forgings, and I forgings. 177,792; June 12.
Mattlage, Charles F., & Sons, Inc., New York, N. Y. Canned, smoked, dried, and salt fish. 158,785; Aug. 14.
Mauerhofer Söhne & Co., Trubschachen, near Langnau, Switzerland. Cheese and preserved cheese of Swiss origin. 173,936; June 5.
Mauser Mill Company, Laurys Station, Pa. Wheat flour. 143,771; Feb. 13.
Mavis Hosiery Company Inc,, New York, N. Y. Stockings. 184,034; Oct. 9.
Max Dörner G. m. b. H., Stahlwarenfabrik, Solingen, Germany. Razors, hair clippers, etc. 164,803; Mar. 6.
Max Elb Gesellschaft mit beschränkter Haftung, Dresden, Germany. Perfumery, toilet preparations. 166,176; July 3.
Max Zeller Söhne, Romanshorn, Switzerland. Remedy used internally for seasickness, etc. 177,793–4; Oct. 30.
Maxmin, H. J. (See Linsk, Alexander & Company, assignor.)
Maxo Products Corporation, New York, N. Y. Regasifying attachments for internal-combustion motors. 155,511; Jan. 9.
Maxson Automatic Machinery Company, The, Westerly, R. I. Machines for cutting, piling, etc., paper and other sheet material. 155,973; Apr. 3.
Maxtic Belt & Packing Co., Wellesley Hills, Mass. Fabric belting. 168,479; Feb. 20.
Maxwell Motor Corporation, Detroit, Mich. Pistons. 174,212; Aug. 7.
Maxwell Paint Company, The, Philadelphia, Pa. Ready-mixed water paints. 172,338; Mar. 13.
Maxwell, R. G., & Co., London, England, and Hawick, Scotland. Piece goods of wool, worsted, or hair. 181,605; July 24.
May, C. Edward, doing business as Crown Bottling Works, Baltimore, Md. Beverage sold as a soft drink. 178,347; Oct. 2.
May, C. Edward, doing business as Crown Bottling Works, Baltimore, Md. Beverage sold as a soft drink. 178,349; May 22.
May, D. B., doing business as D. B. May Hosiery Mills, Burlington, N. C. Hosiery. 178,562; Sept. 18.
May Department Stores Company, New York, N. Y. Pianos and phonographs. 172,385; Feb. 20.
May Hosiery Mills, Incorporated, Burlington, N. C. Hosiery, underwear, and outer garments. 170,589; June 26.
May Hosiery Mills, doing business as Anti-Darn Hosiery Mills, Nashville, Tenn. Hosiery. 173,843; May 29.
May Hosiery Mills, Inc., Burlington, N. C. Hosiery. 180,544; Oct. 16.
May & Loeb, Inc., New York, N. Y. Ladies' dresses and skirts. 184,175; Oct. 30.
Maybelline Company, Inc., Chicago, Ill. Darkener for eyebrows and eyelashes. 187,333; Dec. 25.
Maybreath Company, Chicago, Ill. Purifying deodorant for mouth and stomach. 172,050; Mar. 13.
Mayer, Benjamin, doing business as B. Mayer, New York, N. Y. Salt for curing meat. 177,014; Aug. 28.
Mayer China Company, The, Beaver Falls, Pa. Chinaware. 175,017; May 8.
Mayer Coating Machines Co. Inc., doing business as Joy Paper Products Co., Rochester, N. Y. Paper cups. 169,028; June 19.
Mayer, F., Boot & Shoe Co., Milwaukee, Wis. Leather shoes. 170,206; Mar. 6.
Mayer, F., Boot & Shoe Co., Milwaukee, Wis. Leather shoes. 186,653; Dec. 25.

Alphabetical list of trade-mark applicants—Continued.

Mayer, L. S., Gesellschaft mit beschränkter Haftung, Frankfort-on-the-Main, Germany. Jewelry, etc. 171,278; Oct. 9.
Mayfair. (See Bennett, Nellie L.)
Mayhew, James N., Co., Inc., Minneapolis, Minn. Shoe and slipper trees. 182,427; Sept. 4.
Maynard Coal Company, The, Columbus, Ohio. Bituminous Coal. 158,191; Apr. 3.
Mayo, Jesse W., Osage City, Kans. Face lotion. 170,722; Mar. 6.
Mayol, Frank E., Salt Lake City, Utah. Ice cream and frozen dainties. 165,697; July 3.
McAllister, W. B., Company, The, Cleveland, Ohio. Electrical cook stoves. 154,987; Mar. 27.
McAllister, William E., doing business as Dewma Company, South Bend, Ind. Gallstone medicine. 171,585; Mar. 13.
McBall, A. E., doing business as McCall Cigar Company, Kansas City, Mo. Cigars. 187,013; Dec. 25.
McBride, James P., Brooklyn, N. Y. Tools for kitchen use in the handling of hot articles. 175,364; May 29.
McCafferty, James A., & Sons Manufacturing Company Inc., Brooklyn, N. Y. White lead. 168,645; Feb. 13.
McCall, A. E., doing business as McCall Cigar Company, Kansas City, Mo. Cigars. 187,012; Nov. 27.
McCall Groniger Co., Cincinnati, Ohio. Fruit-nut sandwich. 176,414; Dec. 11.
McCall, John O., Buffalo, N. Y. Toothbrushes. 171,810; Jan. 9.
McCall, John O., doing business as The Odontex Company, Buffalo, N. Y. Tooth powder and paste and mouth wash. 181,606; Sept. 18.
McCall, John O., doing business as The Odontex Company, Buffalo, N. Y. Toothbrushes. 181,607; Aug. 21.
McCallum Hosiery Co., Northampton, Mass. Hosiery. 186,562; Dec. 4.
McCallum Company, Inc., The, Pittsburgh, Pa. Glazing cement. 186,918; Dec. 25.
McCandless, John D., Roswell, N. Mex. Preparation for use in the treatment of tuberculosis, asthma, influenza, etc. 180,873; Aug. 14.
McCann, Eugene B., doing business as Mutual Benefit Association, New York, N. Y. Coupons for the purchase of merchandise. 173,776; July 31.
McCarthy, John C., doing business as The Ma-Lit-Ta Co., Norwood, Mass. Ointment for the treatment of piles, fistula, constipation, etc. 173,840; Apr. 10.
McCarthy, John W., jr., Inc., San Francisco, Calif. Canned fruits and vegetables. 163,341; Apr. 17.
McCaw, Stevenson & Orr, Ltd., Belfast, Ireland. Adhesive cements for uniting various materials and articles. 141,922; Nov. 13.
M'Caw, Stevenson & Orr, Ltd., Belfast, Ireland. Adhesives. 164,181; Sept. 4.
McClelland, Norman E., New York, N. Y. Liquid circulators. 167,825; Feb. 27.
McClure, C. W., Atlanta, Ga. Foods. 182,165; Dec. 18.
McClure, J. W., Cleveland, Ohio. Magazine or pamphlet. 180,482; Sept. 18.
McCollam, Francis L., doing business as Kozol Laboratories, New York, N. Y. Medical compounds for the relief of pain and the reduction of temperature. 172,426; Apr. 24.
McComas & Goodwin, assignors to Vapor Lubricant Company, Los Angeles, Calif. Fuel intensifier and carbon preventive for internal-combustion engines. 154,374; May 8.
McConnell, George, doing business as Desmond-Stephan Manufacturing Company, Urbana, Ohio. Emery-wheel dressers. 172,279; Mar. 20.
McConnell Manufacturing Company, Newark, N. J. Hair wavers. 181,204; Oct. 2.
McCord Manufacturing Company, Inc., Detroit, Mich. Publications—namely, catalogues. 173,291; Feb. 27.
McCormick & Co. Incorporated, Baltimore, Md. Maltless flavors and flavoring extracts for use in making soft drinks. 161,786; Feb. 13.
McCormick, J. S., Company, The, Pittsburgh, Pa. Core binder. 179,810; Oct. 16.
McCoy, Lon A., doing business as Red Seal Products Co., Akron, Ohio. Coff-O-Malt, a substitute for coffee. 161,497; Feb. 20.
McCrea Mfg. Co., Minneapolis, Minn. Commercial cab bodies. 173,572; Dec. 11.
McCreery, James, & Company, New York, N. Y. Leather gloves. 167,847; Nov. 20.
McCurrach, James, & Brother, New York, N. Y. Neckties. 186,655; Dec. 11.
McCutcheon, James, & Company, New York, N. Y. Linen and cotton fabrics in the piece, tablecloths, napkins, handkerchiefs, etc. 166,391; Jan. 30.
McDermott, John A., Chicago, Ill. Soap. 183,309; Oct. 16.
McDonagh, Wm., & Sons, New York, N. Y. Toilet articles—viz, tooth paste. 175,669; June 26.
McDonagh, Wm., & Sons, New York, N. Y. Shaving-soap cream. 179,673; Nov. 20, 1923.
McDonald, J. G., Chocolate Co., Salt Lake City, Utah. Candies. 163,588; Feb. 6.
McDonald, J. G., Chocolate Co., Salt Lake City, Utah. Chocolates, cocoa, chocolate, and candies. 163,589; Feb. 6.
McDonald, J. G., Chocolate Co., Salt Lake City, Utah. Chocolates, cocoa, chocolate, and candies. 163,591; Feb. 6.
McDonald, J. G., Chocolate Co., Salt Lake City, Utah. Candy. 177,982; June 12.
McDonald, William J., doing business as Krumm & McDonald Co., Columbus, Ohio. Wheat flour. 162,191; Jan. 30.
McDonaugh, Wm., & Sons, New York, N. Y. Disinfectants. 175,403; June 5.
McDougall Company, Frankfort, Ind. Kitchen cabinets. 174,846; Mar. 27.
McDowell, Charles, doing business as McDowell Paper Mills, Manayunk, Pa. Glassine, greaseproof, imitation parchments, writing, wrapping, etc., paper. 179,619; June 12.
McDowell, Pyle & Co., Inc., Baltimore, Md. Candy. 170,723; Mar. 27.
McElwain, W. H., Company, doing business as McElwain, Hutchinson & Winch, Boston, Mass. Leather boots, shoes, and slippers. 176,903; Sept. 18.
McEvoy, Joseph H., Houston, Tex. Well screens and well strainers. 175,564–5; July 24.
McFarland, J. V., Rutherfordton, N. C. Medical preparation for the treatment of high blood pressure. 170,494; Feb. 20.
McGibbon, Brownell, doing business as B. McGibbon & Bro., New York, N. Y. Hops. 183,660; Nov. 13.
McGovern & McGovern, Seattle, Wash. Canned salmon. 176,904; July 10.
McGrory, Daniel T., doing business as Ceres Core Binder Company, Chicago, Ill. Processed cereal binder, and a paste for forming core compounds used in the casting of metals. 172,952; Apr. 10.
McGuire, William A., Cliffside, N. J. Liniments. 175,365; June 19.
McHarg, Sidney, Calexico, Calif. Cantaloupes and lettuce. 167,409; Oct. 9.
McHenry Cannery, Modesto, Calif. Canned fruits and vegetables. 171,937; May 1.
McKay Company, New York, N. Y. Compound for coloring electric bulbs. 174,090; Apr. 10.
McKay Company, New York, N. Y. Chemical compound for etching glass. 174,091; Apr. 24.
McKay, Edwin B., Chicago, Ill. Tire treads. 184,738; Nov. 20.
McKay-Manning, Incorporated, New York, N. Y. Cooked, uncooked, fresh, canned, compressed, dried, evaporated, frozen, preserved, sweetened and unsweetened foods and food products. 166,783; Mar. 20.
McKee Glass Company, Jeannette, Pa. Sets of glass cooking ware for children. 187,261; Dec. 4.
McKee, William, Minneapolis, Minn. Beverage sold as a soft drink. 179,876; July 17.
McKenna, Grace P., Washington, D. C. Necklaces, bracelets, brooches, finger rings, vanity cases. 173,606; May 8.
McKesson & Robbins Inc., New York, N. Y. Brushes. 177,502; July 17.
McKinney, Eva J., doing business as McKinney Manufacturing Co., Clinton, Ill. Bedclothes protector. 172,003; Feb. 20.
McKinney Manufacturing Co. (See McKinney, Eva J.)
McKnight, Earl, Pittsburgh, Pa. Candy and confections in the form of a candy block. 171,761; May 1.
McKnight, Earl, Pittsburgh, Pa. Candy and confections. 183,714; Nov. 6.
McKnight-Keaton Grocery Co., Cairo, Ill. Canned fruits and vegetables. 177,612; May 8.
McKoin, Ida, Guthrie, Okla. Hair grower. 177,858; July 17.
McLane Silk Company, Turners Falls, Mass. Silk and satin piece goods. 183,221; Sept. 25.
McLaurin-Jones Co. (See Ideal Coated Paper Company, assignor.)
McLaurin-Jones Co., Brookfield, Mass. Coated book papers. 166,894; Mar. 6.
McLaurin-Jones Co., Brookfield, Mass. Wrapping paper. 174,147; Apr. 10.
McLaurin-Jones Co., Brookfield, Mass. Coated book paper. 176,844; Oct. 2.
McLaurin-Jones Co., Brookfield, Mass. Coated paper to be printed or lithographed. 178,761; May 22.
McLaurin-Jones Co., Brookfield, Mass. Chocolate-dipping paper. 183,715; Oct. 9.
McLaurin-Jones Co., Brookfield, Mass. Proofing paper. 183,716; Oct. 9.
McLean, Loula K., Mount Kisco, N. Y. Music sheets, completed printed books, photoprints, poems. 159,165; Feb. 20.
McLellan, W. C., Lodi, Calif. Fresh grapes. 168,371; May 8.
McLennan, Kenneth J. C., doing business as Laird & Son, Edinburgh, Scotland. Preparation for external use in the treatment of rheumatism, lumbago, etc. 175,566; May 29.
McLeod, John, Haverhill, Mass. Paint in paste form. 160,360; Mar. 20.
McLoughlin Textile Corporation, Utica, N. Y. Caps, sweaters, and underwear. 185,126; Nov. 20.
McMichael, Americus O., doing business as Carnotite Gland Extract Company, Denver, Colo. Carnotite baths. 173,870; May 8.

McMillan, A. G., doing business as Sales Equipment Company, Detroit, Mich. Combination index and sales-data book. 174,318; Apr. 24.
McMorran, C. W., San Francisco, Calif. Chowder. 176,491; Sept. 11.
McMullen, Jas. R., New York, N. Y. Golf balls and clubs. 177,503; May 29.
McNasby Oyster Co., Annapolis, Md. Raw oysters and oysters in the shell. 155,269; June 5.
McNulty, Joseph A., New York, N. Y. Red oxides. 177,684; June 19.
McPhee & McGinnity Company, Denver, Colo. Wall-finish paints or calcimine in powder form. 172,605; Mar. 27.
McPhee & McGinnity Company, Denver, Colo. Color varnish. 172,645; Feb. 13.
McPherson, W. G., Company, The, Portland, Oreg. Warm-air furnaces. 172,626; Mar. 13.
McQuillan, Owen A., Philadelphia, Pa. Candy. • 169,452; Mar. 27.
McRae, Estella M., Tacoma, Wash. Petticoat. 135,972; Feb. 6.
McRoberts, R. W., Atlanta, Ga. Medicine used in the treatment of rickets, etc. 180,874; Aug. 14.
McSweeny, Eugene D., El Monte, Calif. Fresh vegetables—namely, potatoes. 162,755; Jan. 9.
McWade Tire and Rubber Company, The, Garrettsville, Ohio. Rubber heels. 175,878; May 22.
Mead Johnson & Co., Evansville, Ind. Specially-prepared food for infants. 171,939; June 26.
Mead Johnson & Company, Evansville, Ind. Specially-prepared food for infants. 182,598; Oct. 30.
Meade Rubber Company, Stoughton, Mass. Rubberized cloth. 174,173; Oct. 23.
Meadows Mfg. Co., Bloomington, Ill. Washing machines for laundry purposes. 178,053; Dec. 11.
Mebane, Alexander D., Lockhart, Tex. Selected cotton-seed. 173,848; June 5.
Mecke & Co., New York, N. Y. Coffee. 183,528–9; Dec. 4.
Med-A-Dent Dental Specialties Company. (See Hatfield, Asa A.)
Medico-Dental Specialty Co., San Diego, Calif. Tooth-stain remover. 185,344; Dec. 18.
Medico-Dental Specialty Co., San Diego, Calif. Preparation for the treatment of pyorrhea alveolaris. 185,605; Dec. 11.
Medicraft Company, The, Cleveland, Ohio. Facial creams. 173,433; May 15.
Medina Manufacturing Co., The, Medina, Ohio. Lift jack. 163,166; Aug. 14.
Medoc Company, Milwaukee, Wis. Medicinal preparation. 177,237; Dec. 4.
Medoc Distributing Company, New York, N. Y. Pharmaceutical preparations. 143,773; July 17.
Meehan, Augustus F., Chattanooga, Tenn. Gray-iron castings. 164,177; Jan. 16.
Megley, John, Chicago, Ill. Medicine for headache, stomach troubles, constipation, rheumatism, etc. 164,178; Jan. 2.
Mei Ren Company, Inc., Shanghai, China. Games played with pieces somewhat similar to dominoes. 184,556; Dec. 4.
Mei Ren Company, Inc., Shanghai, China. Games. 184,557; Nov. 6.
Meier & Frank Co., Portland, Oreg. Men's, women's, and children's outer clothing. 165,402; Jan. 16.
Meier, John, Shoe Company, St. Louis, Mo. Leather shoes. 158,722; Apr. 24.
Meigs, Charles A., Fort Wayne, Ind. Ophthalmic lenses, eyeglasses, and spectacles. 183,076; Oct. 16.
Meigs & Co., Inc., Boston, Mass., and Bridgeport, Conn. Overcoats. 179,376; July 10.
Meinhardt, Jacob A., doing business as J. A. Meinhardt Company, Chicago, Ill. Furniture and automobile cleaner, also enamel cleaner. 180,875; Nov. 27.
Meinhardt, Jacob A., doing business as J. A. Meinhardt Company, Chicago, Ill. Mops, mopsticks, and bathtub cleaners. 180,876; July 24.
Meisselbach, A. F., Mfg. Co. Inc., New York, N. Y. Fishing reels. 173,574; Aug. 28.
Melachrino, Miltiades, New York, N. Y. Cigarettes. 177,859; Aug. 21.
Melanson Shoe Company, Lynn, Mass. Leather shoes. 175,259; Apr. 17.
Melcher, Paradise & Landau, Chicago, Ill. Infants' bootees, bibs, bonnets, coats, etc. 164,650; Feb. 6.
Meller, Alice R., doing business as The SaniScalp Co., Pittsburgh, Pa. Preparation for treatment of dandruff and other disorders of the scalp. 169,253; Mar. 13.
Mello Company, The, Laporte, Ind. Washing compound. 173,607; May 15.
Mello-Derma Company. (See Van Gesen, James H.)
Mellor, Walter, Philadelphia, Pa., and Cummington, Mass. Raw milk and cream, butter, cheese, eggs, etc. 166,082; July 31.
Melloyd Co., Inc. New York, N. Y. Ice cream and frozen confections. 166,531; Nov. 6.
Melnick, Isadore A., Los Angeles, Calif. Remedy for stomach disorders and constipation. 183,488; Nov. 13.
Melody Piano Co. Inc., New York, N. Y. Pianos and phonographs. 185,606; Nov. 20.
Melt-O Packing Company. (See Burhop, Fred D.)
Melville Shoe Corporation, New York, N. Y. Shoes. 169,406; Apr. 10.
Melville Shoe Corporation, New York, N. Y. Shoes 171,704; Apr. 10.
Melville Shoe Corporation, New York, N. Y. Shoes. 173,575; May 8.
Melville Shoe Corporation, New York, N. Y. Leather shoes. 182,000; Sept. 18.
Memphis Drug Company, Inc., The, Memphis, Tenn. Perfumes, toilet water, face powder, etc. 166,892; Dec. 18.
Memphis Sash & Door Co., Memphis, Tenn. Doors and sashes. 181,136; Aug. 21.
Mende, Paul, Inc., New York, N. Y. Plaster. 175,433; June 12.
Mende, Paul, Inc., New York, N. Y. Wood preservative. 185,790; Nov. 27.
Mendell, Jacob, doing business as J. Mendell Candy Co., Brooklyn, N. Y. Candy. 184,343; Dec. 11.
Mengart Knitting Mills, New York, N. Y. Sweaters, dresses, bathing suits, mufflers, knitted gloves, stockings, etc. 175,149; June 26.
Mengo Products Company, Pittsburgh, Pa. Adhesive patches. 150,871; June 26.
Menihan Company, The, Rochester, N. Y. Leather shoes. 158,787–8; Apr. 24.
Menley & James, Limited, New York, N. Y. Pessaries, suppositories, and a preparation of liquid iodine. 177,188; Aug. 28.
Menley & James, Limited. New York, N. Y. Medicated soap. 185,607; Nov. 20.
Menner, William, Newark, N. J. Ointments and plasters for healing wounds, cuts, etc. 177,311; Dec. 11.
Menominee Motor Truck Co., Clintonville, Wis. Motor trucks. 171,647; May 22.
Menorah Food Products Co., Inc., New York, N. Y. Sesame oil. 183,983; Dec. 25.
Menstrual Laboratories. (See Steckler, Nathan P.)
Mentho Kreoamo Company. (See Gillen, P. Joseph.)
Mentho Relief Company. (See Gallagher, Owen V.)
Mentho Sulphur Company, Jersey City, N. J. Medicinal salve for the relief of affections of the skin and scalp. 182,429; Oct. 30.
Mentholatum Company, The, Wichita, Kans. and Buffalo, N. Y. Preparation for repelling mosquitoes. 172,386; May 15.
Menzie, George A., Duluth, Minn. Hair tonic. 172,606; Mar. 6.
Merchants Publishing Company, doing business as Kalasign Company of America, Kalamazoo, Mich. Advertising cards and placards. 167,529; June 26.
Mercier Bros., The, Concord, N. H. Candied pop corn. 175,150; July 3.
Merck & Co., New York, N. Y. Preparations used as hypnotics. 167,685; Jan. 9.
Merck & Co., New York, N. Y. Talcum powder. 169,980; Feb. 13.
Merck & Co., New York, N. Y. Insecticide. 170,590; Feb. 13.
Merck & Co., New York, N. Y. Antirheumatic. 177,096; June 12.
Merck & Co., New York, N. Y. Soporific. 177,312; July 10.
Merck & Co., New York, N. Y. Preparation used for the treatment of goiter and as a prophylactic. 180,076; Aug. 14.
Mercury Mills, Limited, Hamilton, Ontario, Canada. Knitted underwear. 181,137; Oct. 16.
Meridian Grain & Elevator Company. (See Wilson, John M.)
Meridie, Anne, Company, The. (See Neilson, Mary D.)
Merikle, Edward D., New York, N. Y. Hosiery. 172,757; May 22.
Merkin, M. J., Paint Co. Inc., Long Island City, N. Y. Lead oil, and zinc paint. 174,583; Apr. 10.
Merle Laboratories, Leeper, Pa. Face powder, talcum powder, cold and vanishing creams, etc. 185,530; Dec. 11.
Mermelstein, Joseph R., doing business as Blossom Hat Co., New York, N. Y. Ladies' hats. 171,025; Jan. 2.
Merolla, Ricciardi and Salomone Corporation, New York, N. Y. Spaghetti, cheese, and sauce. 162,842; Jan. 30.
Merrell, George F., Inc., Rochester, N. Y. Washing machinery for clothes and laundry. 163,641; Feb. 6.
Merrell, J. S., Drug Company, St. Louis, Mo. Boric, carbolic, oxalic, and salicylic acids, denatured alcohol, etc. 179,544–5; Aug. 21.
Merrell-Soule Company, Syracuse, N. Y. Powdered milk. 174,146; June 19.
Merrell-Soule Company, Syracuse, N. Y. Whole-milk powder. 174,474; May 8.
Merrell, William S. Company, The, Cincinnati, Ohio. Nonalcoholic solution of the active medicinal principles of hydrastis canadensis. 182,834; Nov. 20.
Merriam, G. & C., Company, Springfield, Mass. Dictionaries. 174,584; May 22.
Merrick and Rice, Kendal, Fla. Fresh grapefruit. 154,317; June 19.
Merrick Scale Mfg. Company, Passaic, N. J. Automatic and continuous weighing apparatus, recording mechanism for weighing mechanism, etc. 162,188; Jan. 30.
Merrimac Laboratories, Inc., New York, N. Y. Nail polish. 180,021; Aug. 21.

Alphabetical list of trade-mark applicants—Continued.

Merritt, George W., Company, Inc., Norfolk, Va. Floral antiseptic hair tonic. 176,748; June 19.
Merritt, George W., Company, Inc., Norfolk, Va. Antiseptic hair grower. 176,749; June 19.
Merritt, Hiram, doing business as Diozone Company, Newburgh, N. Y. Paste for cleaning false teeth. 178,182; July 3.
Mer-Sha Candies, St. Paul, Minn. Candy. 160,621; June 5.
Merton, Charles S., & Co., Rutherford, N. J. Hats and caps. 164,716–17; Feb. 6.
Merton, Charles S., & Co., East Rutherford, N. J. Men's and boys' hats and caps. 173,654; May 22.
Merton, Charles S., & Co., East Rutherford, N. J. Men's and boys' hats and caps. 173,778; Apr. 24.
Mervine Mfg. Co. Inc., Wilmington, Del., and Stroudsburg, Pa. Concentrated preparation for preparing nonalcoholic, maltless beverages. 168,160; Feb. 20.
Mesa Flour Mills, The. (See Colorado Milling & Elevator Co.)
Mesquita & Lange, New York, N. Y. Spun silk. 174,665; June 19.
Messinger Paper Company, Chicago, Ill. Toilet, wrapping, book, and printing paper. 172,998–173,000; Feb. 6.
Mestre, Lillian, New York, N. Y. Compound for cleansing and polishing woodwork, furniture, etc. 185,759; Dec. 11.
Metal Goods Manufacturing Co., Boston, Mass. Egg beaters and cream whip. 167,050; Jan. 9.
Metal Goods Manufacturing Co., Boston, Mass. Metal hot-water bottles and bed warmers. 172,280; Mar. 13.
Metal Recording Disc Company, Inc., New York, N. Y. Metallic phonograph tablets and blanks for making same. 167,313–14; Jan. 9.
Metalastic Company, New York, N. Y. Metallic packing. 167,310; Feb. 27.
Metallic Industries, Inc., St. Louis, Mo. Toys constructed of metal and wood. 162,757; Jan. 30.
Metalon Products Corporation, New York, N. Y. Metal paint, lacquer, powder, and casting composition. 184,088; Oct. 23.
Meteor Mixing Machine Co., Inc., New York, N. Y., assignor to Fitchburg Machine Works, Fitchburg, Mass. Food-mixing machines and parts thereof. 170,441; Apr. 17.
Metke, John, doing business as Queen City Specialty Company, Buffalo, N. Y. Waterproof dressing for leather, etc., used for automobile tops. 159,521; July 3.
Metro Chocolate Co., Inc., The, Brooklyn, N. Y. Milk chocolate, nuts, and caramel. 178,762; Nov. 20.
Metro Chocolate Co., Inc., The, Brooklyn, N. Y. Milk chocolate fruit and nut roll. 179,050; Sept. 25.
Metro Electrical Co., Inc., Newark, N. J. Electrical telephone receivers. 177,795; June 5.
Metro Pictures Corporation, New York, N. Y. Motion-picture films. 175,093; May 15.
Metro Pictures Corporation, New York, N. Y. Motion-picture films. 183,453; Oct. 30.
Metropole Drug Company, Inc., Pittston, Pa. General tonic. 151,279; Nov. 20.
Metropolitan Manufacturing Co., Chicago, Ill. Steam-pressure cookers. 168,541; Nov. 20.
Metropolitan Radio Corporation, Newark, N. J. Electrical telephone receivers. 165,699; Feb. 13.
Metropolitan Roofing Material Co., New York, N. Y. Coal tar for building and construction purposes, slate and tarred roofing. 165,555; Mar. 27.
Metsan Dental Mfg. Co. (See Bandman, Albert.)
Metz, H. A., & Co., Inc., New York, N. Y. Chemical substitutes for camphor used in celluloid. 171,940; Mar. 20.
Metz, H. A., & Co., Inc., New York, N. Y. Mordants for dyeing. 171,941; Feb. 20.
Metz, H. A., & Co., Inc., New York, N. Y. Dyes and dyestuffs. 173,238; Apr. 10.
Metz, H. A., & Co., Inc., New York, N. Y. Dyestuffs. 178,563; July 10.
Metz, H. A., & Co., Inc., New York, N. Y. Preparation for removing starch and sizing from textiles. 180,713; Aug. 7.
Metz, H. A., Laboratories, Inc., New York, N. Y. Astringents and mild antiseptics. 173,434; Apr. 3.
Metzger, W. H., Company. (See Metzger, W. H.)
Metzger, W. H., doing business as W. H. Metzger Company, Bloomington, Ill. Exterminator for insects on plant life, trees, etc. 164,180; Apr. 3.
Metzler & Company, Incorporated, New York, N. Y. Negotiable and registrable bonds. 180,338; Oct. 2.
Mewhinney, A. B., Co. Inc., also doing business as Mewhinneys, Terre Haute, Ind. Candy. 162,562; Mar. 27.
Mewhinney, A. B., Co. Inc., also doing business as Mewhinney's, Terre Haute, Ind. Chocolate-coated fudge bars. 162,564; Apr. 10.
Mewhinney, A. B., Co., Inc., Terre Haute, Ind. Candy. 166,952; Jan. 16.
Mewhinney, A. B., Co., Inc., Terre Haute, Ind. Candy. 168,481; July 3.
Meyer, A. J., Mfg. Co., Inc., West Hoboken, N. J. Radio apparatus, parts, and supplies. 165,755; Mar. 6.
Meyer, Bacharach & Friedheim, New York, N. Y. Neckties. 174,183; July 24.
Meyer, Bacharach & Friedheim, New York, N. Y. Neckties. 174,184; Sept. 11.
Meyer Bros., Dalcour, La. Fresh vegetables. 164,334; Apr. 24.
Meyer, Edmund, doing business as Fortuna Water Company, San Francisco, Calif. Mineral water. 183,393; Oct. 9.
Meyer, Emile, New York, N. Y. Cotton goods in the piece, silk and cotton fabrics and silk goods in the piece. 178,764; May 22.
Meyer, Geo. F., Seymour, Ind. Face and hand lotion. 182,763; Dec. 4.
Meyer, Jos. H., Bros., Inc., Brooklyn, N. Y. Reproductions of precious and semiprecious gems and stones. 164,931–2; Apr. 24.
Meyer, Peter, doing business as The Elvin Company, New York, N. Y. Toilet preparations—viz, compact face powder and compact rouge. 167,186; Jan. 9.
Meyer, Theodore, Philadelphia, Pa. Ant-poisoning compound. 171,734; Mar. 20.
Meyer, Theodore, Philadelphia, Pa. Preparation for exterminating rodents and vermin. 171,735; Mar. 20.
Meyer, Theodore, Philadelphia, Pa. Insecticide. 171,736–7; Mar. 20.
Meyer, Theodore, Philadelphia, Pa. Insecticide and disinfecting deodorant. 171,738; Mar. 20.
Meyer, Theodore, Philadelphia, Pa. Preparation for exterminating rodents. 171,739–40; Mar. 20.
Meyer-Wise & Kaichen Company, The, Cincinnati, Ohio. Sweaters, sport coats, infants' caps and tams, etc. 177,045; Aug. 28.
Meyer's Company, The, Greensboro, N. C. Nainsook, sheets, diaper cloth, quilts, and long cloth. 166,238; Jan. 30.
Meyers, H., Co. Inc., New York, N. Y. Silk, cotton, and textiles in the piece and by the yard. 182,254; Aug. 21.
Meyers, John B., doing business as Meyers Red Devil Company, Hudson, Iowa. Poisoned grain for killing mice, rats, moles, and gophers. 166,460; Feb. 13.
Meyers Red Devil Company. (See Meyers, John B.)
Mez, Gustav, doing business as Mercedes Büro Maschinen- und Waffen-Werke, Benshausen, Post Mehlis in Thuringia, Germany. Adding and calculating machines and parts thereof, etc. 162,938–9; July 31.
Miami Manufacturing Co., Miami, Fla. Casement-window adjusters. 173,520; Apr. 3.
Miami Optical Co. (See Smith, Noel.)
Mica Insulator Company, New York, N. Y. Treated and untreated tapes for electrical insulation purposes. 173,844; Apr. 24.
Michael, Conrad H., Brooklyn, Conn. Cigars. 185,832; Nov. 27.
Michael, John C., Company, Chicago, Ill. Wash dresses and aprons. 177,313; July 10.
Michael, Leon, & Co., New York, N. Y. Cotton-cloth piece goods. 177,136; Sept. 25.
Michel, August, Elberta, Ala. Healing salve for sore and callused feet. 173,521; Apr. 3.
Michelbach, Frank, Alexandria, Va. Rug racks. 177,613; Sept. 25.
Michele Ajello Co. Inc., Brooklyn, N. Y. Canned olive oil, fruits, and vegetables. 179,127; Sept. 25.
Micheletti, Dante, Lucca, Italy, and San Francisco, Calif. Olive oil. 174,585; July 3.
Michelin Tire Company, Milltown, N. J. Automobile tires. 184,413; Nov. 13.
Michels, Peter J., New York, N. Y. Cutlery—namely, razors and shears. 173,140; Feb. 27.
Michigan Coin Lock Company, Indianapolis, Ind. Coin-controlled locks. 178,350; May 15.
Michigan State Auto School, Inc., Detroit, Mich. Electric batteries. 174,092; June 26.
Microba Antiseptic Co., Grand Forks, N. Dak. Cocoanut-oil shampoo. 180,613; Aug. 21.
Mid-Continent Clay Company. (See Esperson, Niles.)
Midcontinent Producers' & Refiners' Corporation, Cleveland, Ohio. Canned motor oils. 175,094; Aug. 7.
Mid-Continent Tire Manufacturing Company, Wichita, Kans. Rubber tires and inner tubes. 118,089; Apr. 24.
Middleby, Jos., Jr., Inc., Boston, Mass. Whipping powder for use in the manufacture of icings, etc. 176,199; Sept. 18.
Midland Brokerage Company, Minneapolis, Minn. Chocolate-lined ice-cream cones and chocolate for lining ice-cream cones. 161,788; May 22.
Midland Creamery Co. (See Perkins, William.)
Midland Flour Milling Co., The, Kansas City, Mo. Bread. 168,480; Jan. 16.
Midland Flour Milling Co., The, Kansas City, Mo. Gray shorts. 169,029; Mar. 20.
Midland Flour Milling Co., The, Kansas City, Mo. Bran. 169,368; May 15.
Midland Flour Milling Co., The, Kansas City, Mo. Mixed grade of mill feed. 169,369; Feb. 27.
Midland Flour Milling Co., The, Kansas City, Mo. Wheat flour. 173,655; May 8.
Midland Flour Milling Co., The, Kansas City, Mo. Wheat flour. 175,095; June 5.
Midland Flour Milling Co., The, Kansas City, Mo. Wheat flour. 180,483; Nov. 6.
Midland Grocery Company, The, Columbus, Ohio. Tea and coffee. 181,346; Aug. 21.

Alphabetical list of trade-mark applicants—Continued.

Midland Refining Company, The, Eldorado, Kans. Lubricating oils. 172,339; Feb. 20.
Midland Refining Company, The, Eldorado, Kans. Lubricating oils. 182,216; Sept. 4.
Midwest Auto Specialty Mfg. Co. (See Kafka, David A.)
Mid-West Box Company, Chicago, Ill. Plaster base and sheathing. 168,777; Jan. 9.
Mid West Paper & Envelope Co., Marion, Ind. Writing paper, correspondence envelopes, writing tablets, and papeteries. 168,118; Aug. 28.
Mid West Paper & Envelope Co., Marion, Ind. Writing paper, correspondence envelopes, writing tablets, and papeteries. 168,326; Mar. 6.
Mifflinburg Body Company, The, Mifflinburg, Pa. Commercial automobile bodies. 177,448; July 17.
Migel, J. A., Inc., North Bergen, N. J., and New York, N. Y. Broad silk for dresses and garments. 174,969; Aug. 14.
Migel, J. A., Inc., North Bergen, N. J., and New York, N. Y. Silk, cotton, wool piece goods and combinations thereof. 175,670; Apr. 24.
Migel, J. A., Inc., North Bergen, N. J., and New York, N. Y. Silk and wool fabrics and mixtures thereof in the piece. 177,505; May 29.
Migel, J. A., Inc., North Bergen, N. J., and New York, N. Y. Dresses, skirts, wraps, blouses. 180,485; Aug. 14.
Migel, J. A., Inc., North Bergen, N. J., and New York, N. Y. Silk velvets in the piece. 181,840; Oct. 9.
Mignon Electric Manufacturing Corp., Rochester, N. Y. Radio receiving sets and parts thereof. 167,005; Nov. 20.
Mihalovitch Co., The, Cincinnati, Ohio. Rubbing and massage alcohol, skin cleanser, hair tonic, and after-shaving lotion. 178,267; July 17.
Milady Shoe Company, New York, N. Y. Shoes and slippers. 168,979; Jan. 2.
Mildrum, W. W., Jewel Co., The, East Berlin, Conn. Fishing-rod mountings. 183,489; Oct. 23.
Mile-O-More Company, Spokane, Wash. Gasoline strainers for internal-combustion engines. 170,659; Feb. 20.
Military Order of The Cootie, New York and Brooklyn, N. Y. Hats, caps, tassels, and aprons. 166,315; July 24.
Military Order of The Cootie, New York and Brooklyn, N. Y. Cuts, emblems, and collar devices. 166,316; Sept. 4.
Milius, E., & Co., New York, N. Y. Cotton piece goods. 180,545; Aug. 7.
Milius, Hesse & Levy, New York, N. Y. Cotton piece goods. 183,117; Aug. 28.
Milk & Kass, New York, N. Y. Men's shirts. 177,449; Aug. 14.
Milk Producers Association of Central California, Modesto, Calif. Butter. 172,281; June 5.
Millar, Geo. W., & Co. Inc., New York, N. Y. Wrapping paper. 174,319; Mar. 27.
Milldale Textile Corporation, New York, N. Y. Cotton piece goods. 181,032; July 17.
Miller, Alton L., doing business as Charles N. Miller Co., Boston, Mass. Candies. 162,561; Nov. 13.
Miller, Alton L., doing business as Charles N. Miller Co., Boston, Mass. Candy. 179,479; July 31.
Miller, Arnold W., doing business as Golf Progress Company, Columbus, Ohio. Golf-stroke practice and exercising device. 176,637; Apr. 24.
Miller Brothers Company, Chattanooga, Tenn. Hosiery, underwear, sweaters, scarfs, etc. 166,145; Feb. 6.
Miller Brothers Company, Chattanooga, Tenn. Hosiery. 179,158; July 10.
Miller Brothers Company, Chattanooga, Tenn. Men's and women's hosiery. 184,980; Dec. 11.
Miller Brothers, New York, N. Y. Ladies' dresses, bath robes, aprons, negligees. 166,841; Sept. 18.
Miller Brothers, New York, N. Y. Earrings, hatpins, brooches, rings, necklaces, and bracelets. 176,800; May 8.
Miller, C. R., Mfg. Co., Fort Worth, Tex. Dress shirts. 172,115; Aug. 28.
Miller-Caldan Company, Minneapolis, Minn. Chocolate-coated doughnut. 171,228; May 1.
Miller & Canary, Green Island, N. Y. Aprons, skirts, and rompers. 183,753; Nov. 20.
Miller, Charles N., Co. (See Miller, Alton L.)
Miller-Cummings Company, New York, N. Y. Fresh cantaloupes, melons, grapes, etc. 173,435; July 3.
Miller-Cummings Company, Inc., New York, N. Y. Fresh cantaloupes. 173,436; July 3.
Miller, Elmer F., San Francisco, Calif. Paint remover. 166,747; July 10.
Miller, Francis H., doing business as Hagerstown Table Works, Hagerstown, Md. Household and office furniture. 175,203; May 29.
Miller, G. L., & Company, Inc., Wilmington, Del., and New York, N. Y. Bonds, certificates, booklets, stories. 175,367; July 31.
Miller, George M., Brooklyn, N. Y. Liquid cream and pomade hair dressings. 176,905; July 17.
Miller, H. H., Industries Company, The, Canton, Ohio. Bottle filling and capping machines and dairy machinery. 182,168; Oct. 30.
Miller, H. H., Industries Company, The, Canton, Ohio. Bottle filling and capping machines, dairy machines, etc. 182,982; Nov. 27.
Miller, H. H., Industries Company, The, Canton, Ohio. Bottle filling and capping machines and dairy machinery. 182,983; Nov. 6.
Miller, Henry K., doing business as Psychology Publishing Company, New York, N. Y. Periodicals published monthly. 182,600; Sept. 11.
Miller, Henry K., doing business as Psychology Publishing Company, New York, N. Y. Periodicals published either bimonthly or quarterly. 183,220; Sept. 11.
Miller, Howard A., doing business as The Homo Phone Co., Newark, N. J. Sound-record tablets and recording attachments for phonographs. 177,797; June 5.
Miller, I., & Sons, Inc., Brooklyn, N. Y. Shoes, slippers, and boots. 182,001; Nov. 13.
Miller, Jerome L., doing business as J. L. Miller Knitting Mill, Hazleton, Pa. Ladies' cotton knit underwear. 179,946; July 17.
Miller Lock Company, Philadelphia, Pa. Frying pans. 179,877; Aug. 21.
Miller-McConnel Grain Co., Kansas City, Kans. Stock and poultry feed. 166,465; Mar. 20.
Miller-McMillen Co., Watertown, S. Dak. Candy bar. 172,235; May 8.
Miller & Meissner, Cuero, Tex. Antiseptic mouth washes. 167,578; Mar. 6.
Miller, Milton P., Fort Worth, Tex. Article of food composed of dough and sausage cooked in patties. 168,161; Mar. 6.
Miller & Paine, Inc., Lincoln, Nebr. Candies and candied fruit. 176,750; July 3.
Miller, Pauline, doing business as Pauline Miller Co., San Francisco, Calif. Ladies' hats. 180,442; Nov. 13.
Miller Petroleum Company, Kansas City, Mo. Kerosene. 175,673; Apr. 10.
Miller Petroleum Company, Kansas City, Mo. Naphtha. 176,200; Apr. 10.
Miller, R. T., jr., Chicago, Ill. Monthly magazine. 186,603; Dec. 11.
Miller Rubber Company, The, Akron, Ohio. Solid and pneumatic rubber and fabric tires. 174,791; Apr. 24.
Miller Rubber Company, The, Akron Ohio. Tires. 181,762; Sept. 4.
Miller, Theodore, New York, N. Y. Tooth paste. 177,861; July 31.
Miller & Van Winkle, Inc., Brooklyn, N. Y. Springs for general use. 165,501; July 31.
Miller, William, Muncie, Ind. Cough sirup. 180,768; Aug. 14.
Miller's Book Store, Inc., Atlanta, Ga. Fountain pens. 179,377; July 3.
Miller's, Jacob, Sons Co., Philadelphia, Pa. Cotton, silk, and linen goods and mixtures of same, all in the piece. 171,429; Jan. 2.
Miller's, Jacob, Sons Co., Philadelphia, Pa. Knitted and textile fabric undergarments. 172,004; July 3.
Miller's, Jacob, Sons Co., Philadelphia, Pa. Cotton, silk, linen, etc., goods in the piece. 181,033–4; July 17.
Miller's, Jacob, Sons Co., Philadelphia, Pa. Cotton, silk, linen, etc., piece goods. 181,035; Aug. 14.
Miller's, Jacob, Sons Co., Philadelphia, Pa. Cotton, silk, linen, etc., goods in the piece. 181,036–7; July 17.
Miller's, Jacob Sons Co., Philadelphia, Pa. Silk goods in the piece. 181,038; Aug. 28.
Miller's, Jacob, Sons Co., Philadelphia, Pa. Shirts. 181,039; Sept. 11.
Miller's, Jacob, Sons Co., Philadelphia, Pa. Cotton, silk, linen, etc., piece goods. 187,687–8; Dec. 25.
Milliard & Schmiedell, San Francisco, Calif. Canned fruits, vegetables, and fish. 172,232; Apr. 10.
Milligan, A. L., doing business as Chemical Products Co., Atlanta, Ga. Rat and mice poison and insecticide. 153,764; Dec. 18.
Milliken, John T., & Company, doing business as Regent Laboratories, St. Louis, Mo. Medicinal oil used as a laxative, analgesic balm, castor oil, etc. 174,093; May 29.
Milliken, John T., & Company, St. Louis, Mo. Germicide and antiseptic mouth wash. 176,563; Oct. 30.
Milliken, Tomlinson Co., Portland, Me. Coffee, tea, chocolate, molasses, etc. 169,314; Dec. 18.
Millman, S., & Son, Inc., New York, N. Y. Misses' and children's hats. 173,849; June 5.
Mills Brothers Company, The, doing business as American Products Company, Cincinnati, Ohio. Salad-dressing powder and cake-icing powder. 140,737; Mar. 20.
Mills Brothers Company, The, doing business as The American Products Company, Cincinnati, Ohio. Baby bibs. Infants' pants, etc. 161,935; Feb. 20.
Mills Brothers Company, The, doing business as The American Products Company, Cincinnati, Ohio. Cake icing, pie filling, shredded coconut, etc. 174,716; Sept. 11.
Mills Brothers Company, The, doing business as The American Products Company, Cincinnati, Ohio. Face powder, rouge, sachet powder, talcum powder, etc. 175,316; Sept. 25.
Mills Brothers Company, The, doing business as The American Products Company, Cincinnati, Ohio. Perfume, toilet water, talcum powder, cold cream, etc. 175,318; May 29.

Alphabetical list of trade-mark applicants—Continued.

Mills Brothers Company, The, doing business as The American Products Company, Cincinnati, Ohio. Perfume, toilet water, talcum powder, cold cream, etc. 175,818; Sept. 25.
Mills, James, Orchards Corporation, Hamilton City, Calif. Fresh citrous fruits and pears. 186,796; Dec. 11.
Mills, James, Orchards Corporation, Hamilton City, Calif. Oranges and lemons. 186,797; Dec. 11.
Mills, James G., doing business as Saltersod Company, Electra, Tex. Preparation for treatment of influenza. 180,389; Aug. 14.
Mills Novelty Company, Chicago, Ill. Flavored sugar tablets. 175,260; July 3.
Millville Manufacturing Company, The, Philadelphia, Pa. Diaper cloth in the piece. 171,854; Dec. 4.
Milnor, Oscar J., Rutherford, N. J. Ladies' vanity bags. 138,292; May 15.
Milo Silk Hosiery Mills, Newark, N. J. Hosiery. 173,973; May 29.
Milow, R. C., Shoe Co. Inc., Rochester, N. Y. Men's, women's, and children's shoes of leather. 173,713; May 22.
Miltenberg, E., Inc., New York, N. Y. Paprika and spices. 169,407; Apr. 3.
Miltex Cloak & Suit Co., New York, N. Y. Women's cloaks, suits, and coats. 176,030; July 17.
Milton Dairy Company, St. Paul, Minn. Butter. 161,691; Jan. 30.
Milton Manufacturing Company, Milton, Pa. Castings of ferrous metals. 155,268; Feb. 13.
Milton Manufacturing Company, The, Milton, Pa. Bolts, rivets, and spikes. 177,190; June 12.
Milwaukee Bag Co., Milwaukee, Wis. Cloth mailing bags. 176,638; Apr. 10.
Milwaukee Corrugating Company, Greenfield, Wis. Eaves trough and eaves-trough drops, ends, and fittings, etc. 137,326; Nov. 20.
Milwaukee Knitting Mills. (See Mirsky, I. M., & Son.)
Milwaukee Malting & Grain Co., Milwaukee, Wis. Concentrated malt sirup and extract. 147,303; June 19.
Milwaukee Paint & Varnish Works, Milwaukee, Wis. Varnish. 168,328; Apr. 24.
Milwaukee Rolling Mill Company, Greenfield, Wis. Sheet steel. 185,874; Nov. 13.
Milwaukee Screw Products Co., Milwaukee, Wis. Piston pins. 168,778; Jan. 23.
Mincey Manufacturing Company, Gainsville, Ga. Dress and work shirts, underwear. 180,982; Sept. 18.
Minck, George, New York, N. Y. Sheet-metal bill signs, advertising boards, and painted board signs. 169,136; Apr. 10.
Mindlin, Benjamin, Jamaica, N. Y. Publication issued monthly. 180,614; Oct. 2.
Mine and Smelter Supply Company, The, Denver, Colo. Ore-mill and concentrating-table parts. 158,790; Oct. 16.
Mineral Products, Inc., Los Angeles, Calif. Roofing materials, composition flooring, stucco, artificial stone. 180,382; Oct. 23.
Mineral Soap Manufacturing Company, Lowell, Mass. Soaps, wool-scouring powder, etc. 155,764; Mar. 6.
Mineral-Tone Company, Calhoun, Ga. Natural medicated mineral for rheumatism and tonic and regulator of the stomach, kidneys, etc. 170,660; Feb. 13.
Min-er-o Tone Co. (See Fenton, E. B.)
Minetti, Elinor V., San Francisco, Calif. Sweets and relishes. 182,217; Dec. 18.
Minneapolis Brewing Company, doing business as Kunz Preparation's Co., Minneapolis, Minn. Bay rum, witch hazel, alcohol body rub, face lotion, etc. 169,315; Feb. 20.
Minneapolis Brewing Company, doing business as Kunz Preparations Co., Minneapolis, Minn. Bay rum, witch-hazel, alcohol body rub, etc. 179,159; Aug. 28.
Minneapolis Milling Co., Minneapolis, Minn. Wheat flour. 173,974; Aug. 7.
Minneapolis Milling Co., Minneapolis, Minn. Wheat flour. 175,939; Sept. 18.
Minnesota Linseed Oil Paint Co., Minneapolis, Minn. Semipaste paint. 174,255; Feb. 27.
Minnesota Mining & Mfg. Company, St. Paul, Minn. Abrasive paper. 154,278; Feb. 13.
Minnesota Stove Company. (See American Range & Foundry Company.)
Minnesota Valley Canning Company, Le Sueur, Minn. Canned vegetables. 181,300; Oct. 16.
Minot, Hooper & Co., New York, N. Y. Cotton piece goods. 168,896; Dec. 4.
Minot, Hooper & Co., New York, N. Y. Cotton piece goods. 175,204; Mar. 20.
Minot, Hooper & Co., New York, N. Y. Cotton drilling in the piece. 180,714; July 31.
Minox Co., The. (See Donohoe, Patrick J.)
Minter Bros. Candy Co., Minneapolis, Minn. Candy usually in bar form coated with chocolate. 165,878; Jan. 2.
Minty. (See Palmers, Limited.)
Mintz, Aaron, & Son, Inc., New York, N. Y. Young men's overcoats and suits. 181,138; Oct. 30.
Mintz & Friedman, New York, N. Y. Men's and young men's suits and topcoats. 169,455; May 1.
Minute Tapioca Company, Orange, Mass. Tapioca preparations. 180,546; Dec. 4.
Mira Chemical Co. (See Miranda, Rafael.)
Mirabeau, Marcel M., doing business as Lissauer & Company, New York, N. Y. Jewelry. 175,507; July 10.
Mirabeau, Marcel M., doing business as Lissauer & Company, New York, N. Y. Watchcases. 178,765; June 5.
Miracle Dress Co., Inc., New York, N. Y. Dresses, gowns, costumes, waists, etc. 176,564; Nov. 27.
Miranda, Rafael, doing business as Mira Chemical Co., New Bedford, Mass. Preparations for cleansing the scalp and stimulating the growth of hair. 174,906; May 15.
Mirose Laboratories. (See Selkowitz, Isidor J.)
Mirsky, I. M., & Son, doing business as Milwaukee Knitting Mills, Milwaukee, Wis. Knitted and textile hosiery and underwear. 170,591; June 5.
Misewicz, John, Charleroi, Pa. Foot powder. 180,443; Sept. 18.
Mishawaka Woolen Mfg. Co., Mishawaka, Ind. Boots, shoes, and rubbers. 151,462; Nov. 20.
Mission Candy Company, Hollywood and Los Angeles, Calif. Candies. 159,367; May 22.
Mission Hosiery Mills. (See Wittenberg, Armin H.)
Missouri Butter Company. (See Kammerer, William C.)
Missouri Farmers' Association, Columbia, Mo. Egg mash, scratch feed, etc. 174,911; Nov. 20.
Missouri Valley Creamery Company, Washington, Mo. Liquid maltless milk-chocolate beverage. 177,568; Nov. 20.
Mitcham Rubber Co. Ltd, The, London, England. Seamless dipped india-rubber goods. 182,984; Dec. 25.
Mitchell, Fredrick G., doing business as L. Mitchell & Company, Chicago, Ill. Hair net. 171,855; Jan. 23.
Mitchell, Fredrick G., doing business as L. Mitchell & Company, Chicago, Ill. Bluing paddles. 173,334; Apr. 24.
Mitchell, G. F., & Son, Cleveland, Ohio. Washing machines and wringers. 183,754; Dec. 4.
Mitchell, Harry, Chicago, Ill. Cloth commonly known as serge and usually sold by the piece. 176,492; June 5.
Mitchell, James A., doing business as Denison Bottling Works, Denison, Iowa. Beverages sold as soft drinks. 181,491; Nov. 20.
Mitchell, L., & Company. (See Mitchell, Fredrick G.)
Mitchell, P. R., Co., The, New York, N. Y. Ticking. 178931; Sept. 25.
Mitchell, Robert G., doing business as The Agripa Company, New York, N. Y. Portable metallic holders for beverage containers. 161,733; Apr. 17.
Mitchell, T. J., & Co., Inc., New York, N. Y. Silk piece goods. 177,400; May 15.
Mitchely, William E., Williamsport, Pa. Medicine used in the treatment of cancer. 154,229; Mar. 27.
Mitsui Bussan Kaisha, Ltd., Tokyo, Japan. Matches. 156,095; May 15.
Mitsui Bussan Kaisha, Ltd, Tokyo, Japan. Matches. 156,100–1; May 8.
Mittelstaedt, E., Inc., New York, N. Y. Padding for hair dressing. 187,833; Dec. 18.
Mitten Traylor, Inc., Philadelphia, Pa. Self-propelled vehicles, motor coaches and busses. 180,818; Aug. 14.
Mme. Irene, New York, N. Y. Corsets. 169,361; Apr. 24.
Mme. Ise'Bell's Toilet Mfg. Co. (See Plough Chemical Co.)
Model Barber Supply Co., Peoria, Ill. Massage and face creams, shampoos, toilet waters, talcum powders. 161,400; Jan. 30.
Model Brassiere Co., Inc., New York, N. Y Brassières and garter brassières. 179,280; Aug. 14.
Model Brassiere Co. Inc., New York, N. Y. Brassières and garter brassières. 181,695; Nov. 13.
Model Mill Company, Jackson, Tenn. Wheat flour. 175,802; Aug. 7.
Model Mill Company, Jackson, Tenn. Self-rising wheat flour. 175,803; Aug. 21.
Modern Confectioner Publishing Company, Chicago, Ill. Monthly trade magazine. 162,350½; Oct. 30.
Modern Confectioner Publishing Company, Chicago, Ill. Monthly publication. 181,957; Sept. 25.
Modern Devices, Inc., Rockford, Ill. Indoor golf games. 175,097; Mar. 27.
Modern Exterminating Co. (See Schoen, Seymour S.)
Modern Flour Mills, Macon, Ga. Wheat flour. 169,601; Feb. 27.
Modern Pharmacal Co., Inc., New York, N. Y. Tonics for aiding digestion, improving the appetite, purifying the blood, etc. 164,819; Feb. 13.
Modern Pharmacal Co., Inc., New York, N. Y. Woman's tonic in the treatment of the weaknesses and disorders of the generative organs. 172,282; Apr. 10.
Modern Pharmacal Co., Inc., New York, N. Y. Blood maker and general tonic. 172,283; Apr. 10.
Modern Pharmacal Co., Inc., New York, N. Y. Malt preparation intended as a general tonic, etc. 177,258; May 22.
Modern Pharmacal Co., Inc., New York, N. Y. Preparation intended to remove superfluous fat. 184,616; Dec. 4.
Modishform Brassiere Co. Inc., The, New York, N. Y. Brassières. 180,291; Sept. 11.

Modra, William, doing business as Laclede Brass Works, St. Louis, Mo. Sun visors. 167,645; Aug. 7.
Mody, Frederick W., Manchester, England. Tobacco pipes. 179,160; Oct. 23.
Mogul Electric Company, Seattle, Wash. Batteries. 171,135; July 31.
Mohawk Glove Corporation, New York, N. Y. Ladies' silk and cotton gloves, silk underwear, and silk hosiery. 154,280; Dec. 25.
Mohawk Shirt Co., New York, N. Y. Boys' and men's work shirts. 166,893; Feb. 20.
Mohawk Tanning Co. Inc., Gloversville, N. Y. Dressed leather. 171,546; Feb. 13.
Mojonnier, Frederick E., doing business as Walla Walla Hothouse Vegetable Co., Walla Walla, Wash. Fresh vegetables. 164,935; Feb. 20.
Mo-Ka Company. (See Hussey, John M.)
Molatch, Allan O., New York, N. Y. Ointment for the cure and alleviation of piles, prolapse, fissure, etc. 174,745; May 22.
Molina, Manuel G., Elmhurst, N. Y. Hosiery, underwear, garters, sweaters, coats, etc. 179,480; Aug. 7.
Moline Plow Company, Incorporated, Moline, Ill. Devices for carrying agricultural tools and connecting them to tractors or other sources of draft power, 176,202; May 1.
Molinelli, Charles, doing business as Italian Macaroni Production Co., Rockaway Beach, N. Y. Pot roast, spaghetti, potted beef, tripe stew, etc. 176,354; July 3.
Molloy, David J., Company, The, Chicago, Ill. Book and catalogue covers and decorative effects. 179,378; Aug. 28.
Momsen-Dunnegan-Ryan Co., El Paso, Tex. Axes. 170,074; Mar. 20.
Monadnock Beverage Company, Troy, N. H. Nonalcoholic, maltless soft drinks. 183,118; Oct. 2.
Monarch Corporation, The, Pittsburgh, Pa. Dehydrators and parts of dehydrators. 178,268; July 24.
Monarch Packing & Supply Co. (See Humberstone, C. C.)
Monarch Specialty Manufacturing Co., New York, N. Y. Powder puffs. 182,255; Oct. 2.
Monroe Cider Vinegar & Fruit Co., Rochester, N. Y. Fermented cider vinegar. 170,149; Mar. 13.
Monroe, John W., Lima, Ohio. Wood rolling partitions in buildings, for doors, wardrobes, etc. 166,705; Apr. 17.
Monroe, Lederer and Taussig, Philadelphia, Pa. Dry and ready-mixed paints, enamels, stains, and varnishes. 171,336; Feb. 13.
Monroe, Lederer and Taussig, Philadelphia, Pa. Dry and ready-mixed paints, paint enamels, stains, and varnishes. 171,811–12; Feb. 13.
Monroe, Lederer & Taussig, Philadelphia, Pa. Paints. paint enamels, stains, varnishes. 174,256; May 8.
Monsarrat Brothers Coal Co., The, Columbus, Ohio. Coal. 185,373; Dec. 18.
Montague, B. F., Company, Inc., New York, N. Y. Fabric gloves. 181,084; Dec. 4.
Montague & Co., Inc., New York, N. Y. Cretonnes in the piece, valances, and curtains. 177,015; May 1.
Montague, W. R., Company, The, La Crosse, Wis. Biscuits, crackers, and Dutch-style cookies. 167,579; May 8.
Montague, W. R., Company, The. La Crosse, Wis. Candy. 167,580; July 31.
Montague, W. R., Company, The, La Crosse, Wis. Cracker products, crackers, cakes, and Dutch-style cookies. 170,076; Apr. 3.
Montague, W. R., Company, The, La Crosse, Wis. Cracker products and Dutch-style cookies. 171,098; May 1.
Montcalm, Theodore, Holyoke, Mass. Liniment. 171,813; Feb. 20.
Montevallo Mining Company, Birmingham, Ala. Coal. 182,355; Sept. 18.
Montgomery, Ada, Kansas City, Mo. Preparation for the growth of the hair. 178,055; Sept. 18.
Montgomery Ward & Co., Chicago, Ill. Magazine. 183,078; Nov. 13.
Montgomery Ward & Co., Chicago, Ill. Prepared roofings, roofing and building papers, etc. 183,079; Sept. 4.
Montgomery Ward & Co., Chicago, Ill. Incubators and brooders. 187,144; Dec. 11.
Montgomery, Wm., & Co., Philadelphia, Pa. Sarsaparilla, ginger ale, cream soda, etc. 179,811; July 24.
Montpelier Manufacturing Company, Montpelier, Ind. Cup packings formed of vulcanized fabric. 155,510; Feb. 27.
Montrose Glove Inc., The, Brooklyn, N. Y. Leather and fabric gloves, hosiery, and underwear. 168,584; Feb. 6.
Moody, R. M., London, England. Dress, negligee, and work shirts and collars and cuffs. 160,423; Jan. 9.
Moomaw, Paul M., Okemah, Okla. Liver pills. 177,097; July 24.
Moon Laboratories. (See O'Connor, Edward J.)
Mooney, Douglas & Pearson, Inc., New York, N. Y. Asphalt roofing, slate surfaced and talc surfaced. 172,486; June 5.
Moore, Benjamin, & Co., Jersey City, N. J., and Brooklyn, N. Y. Varnish. 180,769; July 10.
Moore, Benjamin, & Co., Jersey City, N. J., and Brooklyn, N. Y. Ready-mixed paints. 180,803; Sept. 4.
Moore Brothers, Chicago, Ill. Portable self-propelled cranes or derricks. 180,077; Aug. 14.
Moore & Co. Inc., Worcester, Mass. Antacid neutralizing powder. 176,906; Aug. 7.
Moore & Co. Inc., Worcester, Mass. Hand soap. 176,907; Nov. 13.
Moore-Fuller Oil Co., Creston, Iowa. Crude oils, fuel oils, gasoline, kerosene, floor oils, lubricating oils, etc. 170,778; Jan. 9.
Moore, Herman H. Timmins, Ontario, Canada, and Detroit, Mich. Metal receptacles for holding compressed air. 164,651; Jan. 2.
Moore, John W., doing business as Felt Paper Company, Rolandville, Md. Asphalt roofing sold in rolls. 170,397–8; Jan. 9.
Moore & Kellar, Azusa, Calif. Rub varnish. 152,857; Jan. 9.
Mooresville Co-Operative Creamery Co., Inc., The, Mooresville, N. C. Butter. 171,280; Mar. 13.
Moorhead Knitting Company, Harrisburg, Pa. Hosiery. 174,404; June 5.
Moorman Manufacturing Company, Quincy, Ill. Tonics for animals. 169,316; Aug. 28.
Moraff, Twining & Co., New York, N. Y. Cotton piece goods and silk and cotton fabrics. 177,862; May 15.
Moran, Richard H., doing business as Acme Varnish Works, Brooklyn, N. Y. Varnishes, stains, paints, and paint enamels. 183,846; Dec. 25.
Morana, Inc., New York, N. Y. Artificial-vanilla materials suitable for the manufacture of flavoring extracts. 178,766; Aug. 14.
Morana, Incorporated, doing business as Compagnie Morana, New York, N. Y. Odoriferous products for the production of soaps and perfumes. 170,533; Feb. 13.
Morana, Incorporated, New York, N. Y. Essential oils suitable for the production of perfumes. 185,129–33; Dec. 4.
Morar, Alex, Omaha, Nebr. Neckties. 182,925; Sept. 11.
Morays Watch Case Co., Brooklyn, N. Y. Watchcases. 171,762; Feb. 27.
Morehouse, L. M., doing business as La Bay Co., San Francisco, Calif. Bleaching and cleansing facial liquids and creams. 182,665; Oct. 30.
More-Jones Brass & Metal Co., St. Louis, Mo. Bronze bearings. 183,847; Nov. 20.
Morgan, A. S., doing business as The Morgan Products Co., Toledo, Ohio. General cleaning compound with incidental water-softening properties and soaps. 166,843; Feb. 13.
Morgan-Anderson Company, The, doing business as "Dolly Dixie" M'f'g Company, Toledo, Ohio. House frocks and aprons. 169,602; Feb. 20.
Morgan, Clarence, doing business as Clarence Morgan & Co., Chicago, Ill. Acetanilid, acetone, alum, ammonia, etc. 175,206; Sept. 18.
Morgan Company, Oshkosh, Wis. Doors. 165,404; Jan. 9.
Morgan, Emma A., doing business as R. B. B. Company, North Charlotte, N. C. Preparation for the treatment of pneumonia. 171,507; Apr. 10.
Morgan, Neil E., Ogdensburg, N. Y. House-fly killer, a liquid roach killer, liquid mosquito killer and repellant, etc. 172,388; Apr. 3.
Morgan Products Co., The. (See Morgan, A. S.)
Morgan, S., & Sons. (See Marsh, Lavinia A.)
Morgan Shoe Company, Boston, Mass. Nurses' shoes. 176,801; July 31.
Morgan, Walter E., doing business as Hold-Pack Mfg. Co., Dayton, Tenn. Metal fasteners. 183,310; Oct. 16.
Morgen, Abraham H., doing business as Wiz Dress Company, New York, N. Y. Women's, misses', and children's dresses. 176,751; May 29.
Morgen, Abraham H., doing business as Wiz Dress Company, New York, N. Y. Women's, misses', and children's dresses. 176,753; May 29.
Morico Manufacturing Company. (See Cohen, Morris.)
Morisse Lace & Embroidery Co., St. Louis, Mo. Braids, tassels, passementeries, and garnitures. 177,983–4; July 3.
Morisse Lace & Embroidery Co., St. Louis, Mo. Laces, handkerchiefs, embroideries, etc. 177,985; Dec. 4.
Morisse Lace & Embroidery Co., St. Louis, Mo. Laces and cotton and silk goods in the piece and in the bolt. 177,986; May 15.
Morisse Lace & Embroidery Co., St. Louis, Mo. Laces, embroideries, handkerchiefs, and cotton and silk goods. 177,986; Aug. 7.
Morrill, Geo. H., Co., Norwood, Mass. Printing ink. 156,499; July 10.
Morrill, Joseph H., Portsmouth, N. H. Automobile top dressing. 173,360; Apr. 24.
Morris & Company, Chicago, Ill. Oleomargarine. 170,443; Mar. 13.
Morris Golf Ball Manufacturing Company, Wimbledon, England. Golf balls. 177,098; May 29.
Morris, Jos. A., & Co., Inc., New York, N. Y. Ladies' and misses' dresses. 170,399; May 8.
Morris Levy Clothing Co., Inc., New York, N. Y. Suits, trousers, coats, topcoats, etc. 172,340; June 5.
Morris, Sloan, Morris & Co., Chicago, Ill. Hosiery, underwear, sweater coats, negligee and work shirts. 182,601; Oct. 2.
Morrison, Alexander, & Company, Incorporated, Newark, N. J. Steam boilers, coal, coke, gas, and oil heated furnaces, gas heaters, etc. 160,456; June 19.

Alphabetical list of trade-mark applicants—Continued.

Morrison, Florence C., Buffalo, N. Y. Women's hats. 173,199; May 22.
Morrissey, Frank T., doing business as Lowell Products Company, Lowell, Mass. Food-flavoring extracts. 158,534; Aug. 21.
Morrow Manufacturing Co., The, Wellston, Ohio. Shaking screens. 184,346; Oct. 30.
Morrow Milling Company, Carthage, Mo. Wheat flour. 154,456; Jan. 30.
Morrow Milling Company, Carthage, Mo. Wheat flour. 156,914; Mar. 27.
Morse, A. G., Co., Chicago, Ill. Candy. 151,880; Jan. 2.
Morse, A. G., Co. Inc., Chicago, Ill. Candy. 175,674; May 15.
Morse, A. G., Co., Inc., doing business as Morse's. Candy. 185,834; Nov. 27.
Morse, A. G., Company, Chicago, Ill. Candy. 173,438; Apr. 24.
Morse, C. C., and Co., San Francisco, Calif. Bird food. 171,943; Mar. 20.
Morse, E. E., Lodi, Calif. Fresh grapes. 167,307; Feb. 27.
Morse, J. A. (See Drew, E. F., & Co. Inc.)
Morse & Rogers. (See International Shoe Company.)
Morton Brothers Inc., New York, N. Y. Upholstery and drapery textile fabrics of wool, silk, etc. 187,586; Dec. 25.
Morton Gum Co. Inc., Kansas City, Mo. Chewing gum. 185,932; Nov. 27.
Morton, Ted, & Co. Inc., New York, N. Y. Stuffed figure toys and ornamented surfaces to be formed into stuffed figure toys. 176,639; May 15.
Morvillo, Mariano, doing business as Prune Co., New York, N. Y. Laxative confection. 152,764; Jan. 23.
Moseley, Benjamin, Co., The, Needham, Mass. Hosiery. 168,543; Jan. 30.
Moser & Co. Inc., New York, N. Y. Bating material used in tanning leather. 173,101; Apr. 3.
Moses, Abram, Baltimore, Md. Window and door sills, lintels, arches, cornices, etc. 182,109; Sept. 4.
Moses-Rothchild Co., Incorporated, Louisville, Ky. Men's and youths' coats, vests, trousers, and overcoats. 187,228; Dec. 18.
Moses, Sydney, New York, N. Y. Dresses. 181,140–1; Sept. 11.
Moses, Sydney, New York, N. Y. Dresses. 185,226–7; Nov. 6.
Mosiman, Joseph E., doing business as J. E. Mosiman Co., Morton, Ill. Candied pop corn. 155,024; Jan. 2.
Moskowitz, Joseph, New York, N. Y. Pastry flour. 176,416; Sept. 18.
Moss Brothers, New York, N. Y. Silk goods in the piece. 170,444; Sept. 18.
Moss, Edgar A., Marion, Ind. – Heading for a humor column syndicated to both weekly and daily newspapers, etc. 182,602; Sept. 25.
Moss, Edgar A., Marion, Ind. Newspaper columns. 186,243; Dec. 11.
Moss & Lowenhaupt Cigar Co., St. Louis, Mo. Cigars, cheroots, cigarettes, smoking and chewing tobacco. 171,649; Feb. 13.
Moss-Schury Mfg. Co., Inc., Detroit, Mich. Radio and telephone apparatus. 183,119; Nov. 20.
Mosse, Incorporated, New York, N. Y. Bed sheets, pillowcases, bedspreads, table linens, towels. 180,022; Aug. 21.
Mosso, C. A., Laboratories. (See Shipman, Clara M.)
Mostovoy, Maurice, doing business as Sun-Set Raisin Co., Philadelphia, Pa. Raisins. 157,770; May 1.
Moth K-L Company, Inc., New York, N. Y. Insecticides. 168,721; Dec. 4.
Mother's Favorite Cookie Company, Seattle, Wash. Cookies and macaroons. 159.322; Jan. 30.
Motive Lubricant Corporation, Detroit, Mich. Lubricating oils and greases. 183,039; Nov. 27.
Motol Lubricants Corporation, New York, N. Y. Motor oil. 187,336–7; Dec. 25.
Moton, Mary L., Washington, D. C. Hair dressing. 169,067; Jan. 9.
Motor Car Painting & Trimming Co., Chicago, Ill. Liquids for cleaning and polishing automobile bodies, furniture, etc. 186,441; Nov. 27.
Motor Curve Light Company, Delta, Colo. Electric lights and lighting fixtures for electric lights for motor cars. 177,987; June 5.
Motor Go Oil Company. (See Lipin, John.)
Motor Kool Co. (See Heinze, Augustus P.)
Motor Player Corporation, Chicago, Ill. Motors for player pianos. 158,630; Mar. 27.
Motor Schopp, The. (See Schopp, Charles J.)
Motor Wheel Corporation, Lansing, Mich. Wheels for automobile vehicles. 177,191; Oct. 16.
Motosacoche Société Anonyme, Geneva, Switzerland. Internal-combustion motors and internal-combustion motors for motor cycles, runabouts, etc. 180,340; Aug. 14.
MotoVisor Company, St. Paul, Minn. Motor-vehicle windshield shades. 149,858; Sept. 11.
Mott, Thomas K., Los Angeles, Calif. Marmalade, jams, and preserved fruits. 176,850; July 3.
Moulton, Hi, doing business as Master Method Music Co., Pasadena, Calif. Phonograph records. 176,417; Dec. 25.
Mound City Bottling Company, St. Louis, Mo. Beverage sold as a soft drink and sirups for making same. 173,845; June 12.
Mound City Creamery and Food Products Co., St. Louis, Mo. Butter, coffee, tea, spices, etc. 160,953; Mar. 27.
Mound City Paint & Color Company, St. Louis, Mo. Paints, paint enamels, paint oils. 172,170; Mar. 13.
Mount Carmel Co., The. (See Carmel, Albert.)
Mount Mansfield Maple Merchants. (See Pike, Frederick M.)
Mountain City Mill Company, Chattanooga, Tenn. Feed for horses, cattle, hogs, and chickens. 160,419; Mar. 27.
Mountain Dew Co. (See Kirby, Ernest V.)
Mountain Maid Products Company. (See Hood River Apple Vinegar Co.)
Mountain State Glass Co., Mannington, W. Va. Window glass. 177,139; Apr. 17.
Mountain State Laboratories, Wheeling, W. Va. Hair dressing. 176,272; June 5.
Mouquin Rt. & Wine Co. Inc., New York, N. Y. Beverages sold as a soft drink. 174,405; July 3.
Mouquin Restaurant and Wine Company, Limited, The, New York, N. Y. Beverages sold as soft drinks and sirups for making same. 176,686; May 29.
Mouquin Restaurant and Wine Company, Limited, The, New York, N. Y. Olive oil, canned fruits and vegetables. 176,687; June 19.
Mov-Ezy Theatre Seating Co. Inc., Wilmington, Del.; New York, N. Y. Stationary swivel chairs. 163,587; Jan. 23.
Movie Home Journal Co., The, Boston, Mass. Periodical monthly magazine. 172,609; May 1.
Movie Stars Laboratories. (See Forquer, Bernard B.)
Moviglass Company, Milford, Mass. Eyeglasses. 144,095; June 5.
Mt. Angel Producers Packing Co., Mount Angel, Oreg. Canned fruits. 170,689; Mar. 27.
Mt. Ida Packing Company, Oroville, Calif. Canned olives. 165,086; Mar. 6.
Moyer Bros., Chicago, Ill. Pretzels. 183,311; Dec. 18.
Mudge & Company, Chicago, Ill. Railway gasoline motor cars. 180,445; Oct. 16.
Mudge & Company, Chicago, Ill. Railway gasoline motor cars. 180,448; Oct. 16.
Mudge & Company, Chicago, Ill. Railway gasoline motor cars. 180,451; Oct. 16.
Mueller & Goetz, Galion, Ohio. Preparation for cleaning clothes and fabrics. 180,452; Aug. 21.
Mueller-Keller Candy Company, St. Joseph, Mo. Chocolate candy. 182,986; Nov. 27.
Mueller Metals Company, Port Huron, Mich. Nonferrous metal tubing. 156,103; Oct. 16.
Mueller Metals Company, Port Huron, Mich. Castings of nonferrous metals. 183,662; Oct. 16.
Mueller, Theodore J., assignor to Libby Chemical Company, West Allis, Wis. Medicated tablets for headaches, neuralgia, and minor pains. 173,850; May 15.
Muhlbauer, Otto, & Co., Inc., Brooklyn, N. Y. Canned cherries, June peas, salmon, etc. 166,466; Mar. 27.
Muir, Chas. S., doing business as The Polaris Co., Washington, D. C. Parlor board game. 181,301; Aug. 21.
Mulcahy, Thomas J., Boston, Mass. Hosiery and silk underwear. 181,302; Aug. 7.
Mulhouse Mills. (See Bernheimer, Jacob S., & Bro.)
Muller, Frank F., doing business as Pacific Mercantile Co., San Francisco, Calif. Men's and women's undergarments, house and lounging robes, pyjamas. 163,281; Mar. 6.
Multibestos Company, Walpole, Mass. Brake lining. 180,341; July 31.
Mummert Lumber & Tie Co., Chicago, Ill. Engine push poles. 177,315; Aug. 14.
Munger, Louis de F., doing business as Four Way Company, Springfield, Mass. Telephone plugs. 173,576; Apr. 3.
Munning, A. P., & Co., Matawan, N. J. Cloth polishing wheels. 166,190; May 8.
Munning, A. P., & Co., Matawan, N. J. Cloth polishing wheels. 166,192; Aug. 7.
Munning, A. P., & Co., Matawan, N. J. Cloth polishing wheels. 166,193; May 8.
Munning, A. P., & Co., Matawan, N. J. Lime polishing composition. 166,242; May 1.
Munning, A. P., & Co., Matawan, N. J. Abrasives. 166,312; Apr. 24.
Munning, A. P., & Co., Matawan, N. J. Buffing rouge and materials of similar character. 174,321–4; Apr. 24.
Munning, A. P., & Co., Matawan, N. J. Buffing rouge used in the buffing and polishing trade to produce a bright luster on gold, silver, etc. 174,792–3; Apr. 24.
Munning, A. P., & Co., Matawan, N. J. Lime polishing compositions. 179,214; July 24.
Munsell Color Company Inc., New York, N. Y. Paints and water colors, etc. 167,577; Feb. 13.
Munsell Color Company, Inc., New York, N. Y. Pressed pastel, wax and chalk crayons, color atlas, etc. 167,683; Feb. 20.
Munsell, Jesse G., doing business as Munsell's Supply Company and Munsell's School of Health, Lincoln, Nebr. Tablets for food purposes only. 181,765; Dec. 18.
Munsingwear Corporation, The, Minneapolis, Minn. Underwear, knit or woven, and hosiery. 175,508; Apr. 3.

Munson, Elizabeth M., doing business as Madame Marie, San Francisco, Calif. Almond massage cream, shaving and beauty lotions, etc. 168,057; Apr. 3.
Munter, Charles, New York, N. Y. Corsets, waist corsets, brassières. 141,320–1; Jan. 2.
Munter, Charles, New York, N. Y. Corsets, ladies' underwear, etc. 174,701; Aug. 14.
Munter, Charles, New York, N. Y. Corsets, waist corsets, brassières, and men's, women's, and children's undergarments. 177,192–3; Aug. 7.
Munter, Charles, New York, N. Y. Corsets, waist corsets, brassières, etc. 179,813; Aug. 28.
Munzer, E., & Co., Chicago, Ill. Ladies' fabric underwear bloomers. 154,524; May 22.
Munzer, Ida, Inc., New York, N. Y. Women's and children's textile underwear. 174,586; July 24.
Munzer, Ida, Inc., New York, N. Y. Brassières. 176,804; July 31.
Munzer, Ida, Inc., New York, N. Y., assignor to L. Bamberger & Co., Newark, N. J. Brassières. 177,100; Nov. 20.
Mupu Citrus Association, Santa Paula, Calif. Fresh citrous fruits. 182,169; Oct. 2.
Mupu Citrus Association, Santa Paula, Calif. Fresh citrous fruits. 182,170; Nov. 13.
Mupu Citrus Association, Santa Paula, Calif. Fresh citrous fruits. 182,171; Oct. 2.
Mu-Rad Laboratories, Inc., Asbury Park, N. J. Radiotelephone receiving loops, radiofrequency transformers, etc. 185,665; Dec. 4.
Muralo Company, Inc., The, New Brighton, N. Y. Calcimines. 183,397; Nov. 13.
Muralo Company, Inc., The, New Brighton, N. Y. Calcimines in dry powders. 183,398; Nov. 27.
Muralo Company, Inc., The, New Brighton, N. Y. Calcimines. 183,399; Nov. 13.
Muralo Company, The, New York and New Brighton, N. Y. Cold-water paint. 168,898; Jan. 9.
Muralo Company, The, New York and New Brighton, N. Y. Dry powder to be mixed with cold water and used as a wall coating. 170,986; Jan. 9.
Muralo Company, The, New York and New Brighton, N. Y. Wall size in dry powder form. 173,201; Apr. 3.
Murata, Mabel L., New York, N. Y. Pharmaceutical preparations, face creams, powders, rouges, etc. 160,715; Nov. 6.
Murdock, C. A., Mfg. Co., Kansas City, Mo. Food-flavoring extracts and coffee. 175,805; June 19.
Murdock, C. A., Mfg. Co., Kansas City, Mo. Spices, prepared mustard, and prepared mustard cream salad. 180,879; Dec. 4.
Murdock, Victoria, Estate, doing business as The Wichita Eagle, Wichita, Kans. Daily newspaper. 180,514; Oct. 2.
Murdock Vulcanizing Co., Montrose, Colo. Plaster for use in forming a vulcanizing pad. 171,181; May 1.
Murdock, Wm. J., Co., Chelsea, Mass. Wireless apparatus. 167,482; June 5.
Murdoff-Spicer Manufacturing Company, Los Angeles, Calif. Pipe and boiler insulating materials and refrigerator-pipe insulation. 178,057; Dec. 4.
Murphy, Edwin M., Macon, Miss. Medicinal preparation for use in the treatment of malaria and chills. 177,920; Oct. 23.
Murphy Iron Works, Detroit, Mich. Coal-burning furnaces and castings and coal-feeding stokers. 157,380; Oct. 23.
Murphy, Margaret C., doing business as Margueritte Laboratories, Evanston, Ill. Cold and dry creams, face powder, rouges, etc. 168,426; July 17.
Murphy Varnish Company, Newark, N. J. Varnishes, paint enamels, varnish stains. 154,986; Apr. 10.
Murray, Charles H., Brooklyn, N. Y. Custards, cakes, egg substitutes, wheat flour, etc. 179,310; Oct. 30.
Murray Company, The, Boston, Mass. Nonalcoholic, maltless sirups and extracts for beverage purposes. 180,983; July 31.
Murray Company, The, Dallas, Tex. Cotton gins and cotton-gin machinery. 176,419; May 29.
Murray, John F., New York, N. Y. Prune laxative preparation. 170,945; Mar. 20.
Murray, R. W., & Co., South Boston, Mass. Malt extract. 174,970; Apr. 10.
Murray Trading Co., Inc., The, New York, N. Y. Mercerized cotton pongee in the piece. 176,908; May 29.
Murray Trading Co., Inc., The, New York, N. Y. All-silk pongee in the piece. 176,909; May 29.
Muscente, Fausto A., doing business as Snow Cake Mfg. Co., Providence, R. I. Edible ice-cream containers. 172,758; July 24.
Musical Products Distributing Co. Inc., New York, N. Y. Phonograph-record-display stand. 180,715; Aug. 28.
Muskegon Motor Specialties Company, Muskegon, Mich. Motor pistons. 177,749; June 12.
Mutual Benefit Association. (See McCann, Eugene B.)
Mutual Oil Company, Kansas City, Mo. Sweeping compound. 184,141; Nov. 20.
Mutual Orange Distributors, Redlands, Calif. Fresh citrous and deciduous fruits. 168,060; May 15.
Mutual Products Company. (See Winslow, Carmi.)
Mutual Refining Company, Los Angeles, Calif. Gasoline. 170,446; Feb. 13.
Muturo Mfg. Co. (See Kandle, Albert L.)
My Own Company, Indianapolis, Ind. Catchup, chili sauce, canned goods, etc. 168,935; July 24.
Myers, F. E., & Bro. Co., The, Ashland, Ohio. Pumps. 158,784; May 8.
Myers, Roy, Los Angeles, Calif. Laxatives. 175,675; July 24.
Myers, Thomas A., doing business as Ye Olde Tyme Hard and Soft Pretzel Shop. Pretzels. 165,502; Apr. 3.
Myers, W. M., San Antonio, Tex. Automobile cleanser and polish. 185,306; Nov. 27.
Myriad Manufacturing Co., New York, N. Y. Fur-kerchief for women for summer wear. 178,269; Aug. 7.
Myrurgia, S. A., Barcelona, Spain. Toilet soaps. 159,368–9; Mar. 27.
N-D-N Products Co., Buffalo, N. Y. Carbon remover. 169,255; Jan. 9.
N. Kjaergaard Jensens Tekn. Kem. Fabrik, Copenhagen, Denmark. Rennet, junket tablets, and lactic ferment. 154,654; July 3.
N. M. P. Laboratories. (See Strahmann, Henry C.)
N. V. International Perfumery Company, Amsterdam, Netherlands. Cologne and toilet waters, perfumes, etc. 173,294; Mar. 27.
N. V. Vernis- en Verffabriek v. h. J. Wagenmakers & Zonen, Breda, Netherlands. Paints, varnishes, oils. 172,391; Apr. 24.
Naamlooze Vennootschap Hollandsche Cacao-en Chocoladefabrieken Voorheen Bensdorp & Co., Amsterdam, Netherlands. Cocoa. 164,767; Jan. 16.
Naamlooze Vennootschap Industrieele Maatschappij v/h Noury & Van Der Lande, Deventer, Netherlands. Flour, meal, farina, etc. 157,846; Sept. 25.
Naamlooze Vennootschap Lak-, Verf- & Vernisfabriek "Ivormica," Schiedam, Netherlands. Ready-mixed paints, lacquers, varnishes, and solvent for varnishes and paints. 172,171; May 29.
Nack, Anthony W., Washington, D. C. Leather and fabric gloves, hosiery, and textile knitted underwear for children. 164,660–1; Feb. 13.
Nafziger Baking Company, Kansas City, Mo. Bread. 175,262; July 31.
Nakamura, Shiro, Los Angeles, Calif. Tablets to be used in the treatment of heart disease, rheumatism, etc. 153,686; Mar. 13.
Namco Products Corporation, New York, N. Y. Hair nets. 185,307; Dec. 4.
Namco Products Corporation, New York, N. Y. Hair nets. 185,308; Nov. 13.
Nancy Hubbard Company. (See Watson, Arthur C.)
Nantex Mfg. Co. Inc., New York, N. Y. Men's athletic underwear. 168,687; Jan. 23.
Nantex Mfg. Co. Inc., New York, N. Y. Men's athletic underwear. 168,686; Feb. 6.
Nardi Magazine Pencil Co., Camden, N. J. Pencils. 172,428; Dec. 11.
Nash Coffee Company, Minneapolis, Minn. Peanut butter. 166,901–2; Jan. 16.
Nash Coffee Company, Minneapolis, Minn. Coffee. 167,188; Jan. 23.
Nash Coffee Company, Minneapolis, Minn. Coffee. 168,483; Sept. 11.
Nashville Banner Publishing Company, Nashville, Tenn. Daily newspaper. 171,099; Feb. 27.
Nasser and Coleman Company, Cleveland, Ohio. Insect powders or insecticides. 174,744; May 22.
Natchez Baking Company. (See Simon, Leo.)
Natenberg-Strauss Importing Co., Chicago, Ill. Pocket, clasp, pen, pruning and table knives, etc. 177,316; Aug. 7.
Nathan & Cohen Co., Inc., New York, N. Y. Silk and cotton warp mixture piece goods. 162,999; Jan. 2.
Nathan & Cohen Co., Inc., New York, N. Y. Cotton goods in the piece. 175,509; Apr. 3.
Nathan, Joseph, & Co., Limited, London, England. Infants' and invalids' food. 174,587; Nov. 13.
National Almond Products Co. Inc., Brooklyn, N. Y. Almond paste, almonds, blanched peanuts, etc. 155,513; May 29.
National Aniline & Chemical Company, Incorporated, New York, N. Y. Coal-tar chemicals or ingredients, rubber accelerators or catalyzers, etc. 167,823; Jan. 30.
National Aniline & Chemical Company, Incorporated, New York, N. Y. Coal-tar crudes, intermediates, dyestuffs, dyes, etc. 174,971; June 12.
National Association of Electrical Contractors and Dealers, New York, N. Y. Monthly magazine. 167,052; Jan. 30.
National Association of Hosiery and Underwear Manufacturers, New York, N. Y. Weekly periodical. 171,031; Feb. 27.
National Association of Hosiery and Underwear Manufacturers, New York, N. Y. Section of a periodical at present issued weekly. 171,032; Feb. 27.
National Association of Hosiery and Underwear Manufacturers, New York, N. Y. Periodical issued weekly. 171,033; Mar. 27.
National Association of Marble Dealers, Buffalo, N. Y. Monthly magazine. 185,666; Nov. 6.
National Bakeries, Inc., The, Tampa, Fla. Bread. 159,763; May 1.
National Biscuit Company, Jersey City, N. J., and New York, N. Y. Biscuit. 163,593; June 12.

Alphabetical list of trade-mark applicants—Continued.

National Biscuit Company, Jersey City, N. J., and New York, N. Y. Biscuit. 180,233–4; Oct. 30.
National Biscuit Company, Jersey City, N. J., and New York, N. Y. Biscuits, crackers, cookies, and cakes. 181,644; Sept. 25.
National Biscuit Company, Jersey City, N. J., and New York, N. Y. Cookies and small cakes. 182,435; Oct. 2.
National Blank Book Co., Holyoke, Mass. Loose-leaf ledgers. 172,548; Feb. 27.
National Candy Company, doing business as Peckham Candy Factory, St. Louis, Mo., assignor to National Confectioners Association of the United States, Chicago, Ill. Candy. 172,549; July 17.
National Cap Mfg. Company, Louisville, Ky. Caps for men, boys, and children. 159,522; May 1.
National Cap Manufacturing Company, Incorporated, Louisville, Ky. Men's, youths', and boys' caps. 178,862; Sept. 4.
National Carbon Company, Inc., New York, N. Y. Dry batteries. 183,040; Dec. 18.
National Carbon Company, Inc., New York, N. Y. Dry batteries. 186,024; Dec. 18.
National Chemical Co., Chicago, Ill. Perfumes, toilet water, cleansing cream, etc. 179,815; Sept. 11.
National Chemical Company. (See Hunter, R. William.)
National Chemical Products Co. Inc., Union, N. J. Non-alcoholic, maltless beverage, beverage sirup and concentrate. 179,215; Nov. 27.
National Committee for Mental Hygiene, Inc., New York and Albany, N. Y. Title of its educational and scientific quarterly magazine. 170,661; Jan. 2.
National Compound Co., Inc., Boston, Mass. Safety brake dressing, fabric cleaner, liquid surface eradicator, etc. 179,311; Nov. 20.
National Compound Co., Inc., Boston, Mass. Liquid carbon remover for gasoline motors. 179,312; Nov. 20.
National Compound Co., Inc., Boston, Mass. Black enamel and rubber paint. 179,313; Nov. 27.
National Confectioners Association of the United States. (See National Candy Company, assignor.)
National Dairy Company, The, Toledo, Ohio. Evaporated milk. 142,994; Mar. 6.
National Drug and Chemical Company of Canada, Limited, Montreal, Quebec, Canada. Pills for pimples, boils, blackheads, and other skin diseases. 168,274; Feb. 13.
National Egg Products Company, Los Angeles, Calif. Powder for making scrambled eggs. 166,897; Jan. 16.
National Electric Manufacturing Company, Pittsburgh, Pa. Electric hammers. 175,881; Apr. 24.
National Electric Products Corporation, Chicago, Ill. Refrigerators and parts, and refrigerating systems. 177,140; July 3.
National Extract & Flavor Co. (See Goldberg, Fred.)
National Feather & Pillow Company. (See Lowenstein, L., & Son.)
National Federation of Uncle Sam's Voters, Washington, D. C. Monthly publication. 182,218; Sept. 18.
National Fireworks Manufacturing Company, The, Boston and West Hanover, Mass. Fireworks. 158,942; Apr. 10.
National Food Corporation. (See Sterrick, Harrison D.)
National Fruit Product Company, Inc., Alexandria, Va. Fresh apples. 186,388; Dec. 18.
National Graphite Company, doing business as National Laboratories, Boston, Mass. Metal and stove polish. 172,389; Apr. 24.
National Hair Goods Co., Chicago, Ill. Hair nets. 159,048; June 12.
National Hair Goods Co., New York, N. Y. Wigs. 182,764; Oct. 16.
National Indicator Company, Long Island City, N. Y. Braiding machines. 172,896; Mar. 27.
National Licorice Company, Brooklyn, N. Y. Licorice candy. 183,041; Sept. 18.
National Lime & Stone Company, The, Carey, Ohio. Lime for plastering or building purposes. 170,207; Jan. 30.
National Lumber Manufacturers Association, Washington, D. C. Lumber. 174,478–9; Apr. 17.
National Mayonnaise Machine Company, Brooklyn, N. Y. Mayonnaise-making machines. 185,835; Dec. 4.
National Mortar and Supply Company of Pittsburg, Pittsburgh, Pa. Lime. 173,102; Mar. 27.
National Nut Products Co., Inc., New York, N. Y. Salted nut meats. 179,109; July 31.
National Oil & Supply Co., Newark, N. Y. Liquid-wax dressing. 161,271; Feb. 27.
National Packing Corporation, Ogden, Utah. Canned fruits, vegetables, etc. 168,780; Mar. 27.
National Packing Corporation, Ogden, Utah. Canned vegetables, fruits, tomato purée, and tomato catchup. 180,878; Oct. 16.
National Packing Corporation, Ogden, Utah. Canned vegetables, tomato purée, and tomato catchup. 180,880; Nov. 13.
National Paint and Varnish Company, The, Cleveland, Ohio. Poster-plant paints, varnishes, and colors. 183,985; Nov. 6.
National Paper Can Company, The, Milwaukee, Wis. Paper cans. 177,317; Apr. 24.
National Paving Brick Manufacturers Association, Cleveland, Ohio. House organ published monthly. 175,099; May 8.
National Pharmacal Company, The, Cleveland, Ohio. Ointments, salves, and preparations for application to the skin for the relief of muscular rheumatism, etc. 177,686; Aug. 28.
National Physicians Supply Company, The, doing business as Ce-Wede Laboratory, Cincinnati, Ohio. Ointment for lumbago, gout, eczema, etc. 162,846; Sept. 25.
National Process Company, Inc., New York, N. Y. Photo prints. 158,487; July 31.
National Radium Co., Los Angeles, Calif. Liquid medicinal compound used for the treatment of rheumatism, neuralgia, sciatica, etc. 181,766; Sept. 18.
National Record Exchange Company, Iowa City, Iowa. Phonograph-record cabinets. 159,717; June 19.
National Refining Company, The, Cleveland, Ohio. Lubricating grease. 161,695; May 29.
National Remedies Company. (See London, M. A.)
National Renovating & Supply Co., Kansas City, Mo. Liquid paint and varnish remover. 185,135; Dec. 4.
National Renovating & Supply Co., Kansas City, Mo. Furniture and automobile polish. 185,138; Dec. 11.
National Renovating & Supply Co., Kansas City, Mo. Cleansing and disinfectant compounds for floors. 185,140; Dec. 11.
National Retail Dry Goods Association, New York, N. Y. Trade papers and bulletins. 165,704; Mar. 27.
National Retail Hardware Association, Argos and South Bend, Ind. Monthly magazine. 180,383; Sept. 4.
National Ring Traveler Co., Providence, R. I. Ring and twister travelers. 170,779; Jan. 30.
National Safe Co., The, Cleveland, Ohio. Safes and vaults. 170,333; Feb. 6.
National Safe Protector Co. (See Dyer, Harry B.)
National Save The Surface Campaign Committee, The, doing business as Save The Surface Campaign, Philadelphia, Pa. Paint and varnish monthly publication. 184,560; Dec. 11.
National Save The Surface Campaign Committee, doing business as Save The Surface Campaign, Philadelphia, Pa. Paint and varnish monthly periodical publication. 184,561; Dec. 25.
National School Supply Association, Chicago, Ill. Magazine published monthly. 181,085; Oct. 2.
National Screen Service, Inc., New York, N. Y. Motion-picture films. 178,353; Aug. 14.
National Screw and Manufacturing Company, The, Cleveland, Ohio. Electric-lamp fixtures, electric motors and fans. 179,418; July 24.
National Shirt Shops, Inc., New York, N. Y. Men's suits, coats, trousers, etc. 177,194; July 10.
National Shoe Retailers Association of the United States of America Inc., Chicago, Ill. Monthly publication. 175,806; May 22.
National Stamping & Electric Works, Chicago, Ill. Electric vibratory outfits and heating pads, electrical therapeutic batteries. 161,698; Oct. 30.
National Tire & Rubber Company, The, East Palestine, Ohio. Rubber tires and tubes. 142,802; May 1.
National Tube Company, Pittsburgh, Pa. Metal couplings, pipes, tubes, and casings. 175,882; May 1.
National Tube Company, Pittsburgh, Pa. Metal pipe couplings, metal pipes, tubes, and casings. 184,415; Nov. 13.
Natural Products Refining Co., Jersey City, N. J. Bichromate of soda and bichromate of potash. 177,195; Aug. 7.
Naturaline Corset Company, Boston, Mass. Corsets. 164,601; Jan. 30.
Naturaline Corset Company, Boston, Mass. Brassières. 172,116; Mar. 27.
Nature Products Company, Tonopah, Nev. Tooth powder and paste. 170,256; Jan. 30.
Nature's Own Food Co., Madison, Wis. Wheat and rye flour, corn meal, and bread. 158,090; Sept. 25.
Nature's Rival Company, Chicago, Ill. Brassières. 165,406; July 24.
Naughtin, T. F., Co. (See Naughtin, Thomas F.)
Naughtin, Thomas F., doing business as T. F. Naughtin Co., Omaha, Nebr. Bakers' and confectioners' supplies. 162,762; Jan. 30.
Naujoks-McLaughlin, Los Angeles, Calif. Mouthpieces of reed and wind instruments. 179,052; Sept. 4.
Naumann, Frederick M., doing business as F. M. Neumann Company, Cleveland, Ohio. Antiseptic for the prevention of venereal diseases. 156,105; Apr. 3.
Naumkeag Steam Cotton Co., Salem, Mass. Pillowcases. 145,957–8; July 10.
Naumkeag Steam Cotton Co., Salem, Mass. Cotton piece goods. 163,761; Jan. 9.
Navelencia Fruit Growers, Navelencia, Calif. Fresh grapes. 184,618; Dec. 18.
Navigato, William A., Chicago, Ill. Cheese for macaroni. 168,849; Jan. 16.
Naylor, Roger W., Chicago, Ill. Sanitary napkins. 174,629; Apr. 24.
Neal, Goldena J., Pine Bluff, Ark. Hair grower. 172,237; Apr. 10.
Neal Manufacturing Co., The, Cleveland, Ohio. Pastry flour. 174,022; May 15.
Near East Trading Co. (See Funke, Edward.)
Nebraska Cement Company, Omaha, Nebr., and Denver, Colo. Portland cement. 177,687; June 12.

Nebraska Consolidated Mills Co., doing business as The Hastings Mills and Hastings Milling Company, Grand Island, Nebr. Cereal breakfast foods, pancake flour, wheat flour, and corn meal. 156,709; Mar. 20.
Nebraska Consolidated Mills Company, Grand Island, Nebr. Wheat flour. 180,881; Nov. 6.
Nebraska Mill & Elevator Co., North Platte, Nebr. Wheat flour. 175,100; June 5.
Necol Industrial Collodions, Limited, London, England. Plastic preparation. 185,375; Dec. 4.
Needham, Earl J., doing business as D. Needham's Sons, Chicago, Ill. Candy laxative, ointments, red-clover extracts. 169,178; Jan. 30.
Needham's, D., Sons. (See Needham, Earle J.)
Needlecraft Publishing Company, Augusta, Me. Monthly magazines. 155,444; May 22.
Nehring, A., & Sons Co., Chicago, Ill. Cleaning compound for cleaning painted and varnished walls, woodwork, and floors. 169,916; Jan. 30.
Neilson, Mary D., doing business as The Anne Meridie Company, Minneapolis, Minn. Underwear. 162,435–6; Sept. 4.
Neiswender, Leslie W., doing business as Creme-Petrol Company, Columbus, Ohio. Medicinal oils. 154,700; Mar. 13.
Nekoosa-Edwards Paper Company, The, Port Edwards, Wis. Wrapping paper. 184,746; Oct. 16.
Nelke Corporation, The, Philadelphia, Pa. Dolls. 183,936; Oct. 16.
Nelson Baker & Company, Detroit, Mich. Face powder and cold cream. 180,940; Aug. 21.
Nelson Bead Company, New York, N. Y. Beads. 175,151; May 8.
Nelson, E. G., & Son, Chicago, Ill. Thousand Island dressing, and mayonnaise dressing. 174,849; Oct. 2.
Nelson, Fader F., Los Angeles, Calif. Phonographs, phonograph parts, and phonograph records. 179,948; Aug. 21.
Nelson, Harry W., Chicago, Ill. Electrical therapeutic lamp used in raying bodies of patients under surgical and medical treatment. 166,844; Feb. 13.
Nelson, James, Limited, Nelson, England. Cotton piece goods. 147,570; Jan. 2.
Nelson, James, Ltd., Nelson, England. Binding, braids, galloons, tape, trimmings, boot and corset laces. 154,321; Mar. 6.
Nelson-Kirkwood, Laura, trustee of the estate of W. R. Nelson, deceased, Kansas City, Mo. Newspapers. 167,361; June 12.
Nelson Meat Company, San Francisco, Calif. Bacon, hams, lard, sausage. 182,519; Dec. 11.
Nelson, Mrs. Jane, doing business as Floralea Creme Co., San Antonio, Tex. Cold cream. 182,716; Dec. 18.
Nemo Hat Company, New York, N. Y. Ladies', misses', and children's hats and caps. 181,535; Nov. 20.
Nemo Hat Company, New York, N. Y. Ladies', misses', and children's hats and caps. 181,536; Nov. 13.
Neptune Laboratories, The. (See Robinson, Guy A.)
Neptune Products Company, New York, N. Y. Belt for prevention of nausea. 185,257; Oct. 23.
Nestlé & Anglo-Swiss Condensed Milk Co., Cham and Vevey, Switzerland. Condensed milk. 157,625; Sept. 11.
Nestlé & Anglo-Swiss Condensed Milk Co., Cham and Vevey, Switzerland. Café au lait. 157,627; Sept. 18.
Nestlé & Anglo-Swiss Condensed Milk Co., Cham and Vevey, Switzerland. Concentrated milk without sugar. 157,628; Sept. 18.
Nestlé & Anglo-Swiss Condensed Milk Co., Cham and Vevey, Switzerland. Condensed milk. 157,629; Sept. 18.
Nestor Drug and Chemical Company, Chicago, Ill. Dry anticonstipation medicine. 174,023; Apr. 10.
Netherlands Corporation For Overseas Trade, Inc., New York, N. Y. Kapok and crude rubber. 173,522; June 5.
Netherlands Corporation For Overseas Trade, Inc., New York, N. Y. Sugar, rice, pepper, coffee, spices, condiments. 173,523; June 5.
Netherlands Corporation For Overseas Trade, Inc., New York, N. Y. Kapok and crude rubber. 173,524; June 5.
Netherlands Corporation For Overseas Trade, Inc., New York, N. Y. Sugar, rice, pepper, coffee, spices, and condiments. 173,525; June 5.
Netherlands Haarlem Oil Manufacturing Company. (See Jakobs, Nachem.)
Neuburger & Company, New York, N. Y. Gingham piece goods. 179,314; July 10.
Neugass, Otto L., doing business as Pharaoh Drapery Company, New York, N. Y. Piece goods manufactured from cotton and silk and from cotton and artificial silk. 176,493; Apr. 10.
Neuhoff, Fred B., doing business as Fred B. Neuhoff Company, Los Angeles, Calif. Canned fruits and vegetables. 171,856; Sept. 4.
Neuhoff, Fred B., doing business as Fred B. Neuhoff Company, Los Angeles, Calif. Canned fruits and vegetables. 171,860; Apr. 10.
Neuhoff, Fred B., doing business as Fred B. Neuhoff Company, Los Angeles, Calif. Canned fruits and vegetables. 173,657; Apr. 24.
Neuman & Silver, doing business as Lion Knitting Mills, Philadelphia, Pa. Sweaters. 175,511; Aug. 21.
Neuner, Martin C., Los Angeles, Calif. Game. 142,162; Jan. 9.
Neuss, Hesslein & Co., Inc., New York, N. Y. Woven gray, bleached, printed, and dyed cotton piece goods. 174,667; Apr. 10.
Neuss, Hesslein & Company, Inc., New York, N. Y. Cotton goods in the piece. 177,507; Aug. 28.
Neuss, Hesslein & Co., Inc., New York, N. Y. Printed, bleached, and gray, etc., cotton piece goods. 179,620; July 3.
Neuss, Hesslein & Co., Inc., New York, N. Y. Printed, bleached, gray, etc., cotton piece goods. 180,882; July 17.
Neuss, Hesslein & Co. Inc., New York, N. Y. Printed cotton piece goods, bleached and gray cotton piece goods, etc. 182,356; Aug. 28.
Neutral Soap Co., Chicago, Ill. Washing cleanser. 176,642; Sept. 11.
Neutrasol Products Corporation, New York, N. Y. Oils for preparing silk, wool, etc., for manufacture. 177,988; May 29.
Never Enough Pie Company, The, Bridgeport, Conn. Articles of food. 169,769; Apr. 3.
Never-Stretch Mattress Company, Philadelphia, Pa. Mattresses. 175,616; May 29.
Newark Tortoise Shell Novelty Co., Newark, N. J. Hand mirrors and picture frames. 160,898; June 12.
Newbegin Fire Appliance Company, Los Angeles, Calif. Fire extinguishers. 157,042; Dec. 25.
Newberry-Ramsey Ready Mixed Sugar Cure Co., Springfield, Mo. Preparation for curing and preserving meats. 167,359; Jan. 2.
New Castle Leather Co. Inc., New York, N. Y. Leather. 184,037; Nov. 13.
New Castle Notion Company, New Castle, Pa. Trousers, overalls, shirts, etc. 181,905; Oct. 2.
New England Brewing Company, doing business as Haffenreffer & Co., Boston, Mass., and Jersey City, N. J. Beverages sold as soft drinks and extracts, flavors, etc., for making same. 171,651; Feb. 27.
New England Confectionery Company, Boston, Mass. Candy. 154,810; July 3.
New England Confectionery Company, Boston, Mass. Candy. 154,812; Apr. 3.
New England Confectionery Company, Boston, Mass. Candy. 154,815; Apr. 3.
New England Confectionery Company, Boston, Mass. Candy. 154,820; Apr. 17.
New England Confectionery Company, Boston, Mass. Candy. 154,839; Apr. 17.
New England Confectionery Company, Boston, Mass. Candy. 154,840–1; Mar. 27.
New England Confectionery Company, Boston, Mass. Candy. 176,274; May 22.
New England Confectionery Company, Boston, Mass. Candy. 182,256; Sept. 18.
New England Fibre Mills, Derry, N. H. Mattresses. 172,285; Jan. 30.
New England Fibre Mills, Derry, N. H. Mattresses. 172,287; Jan. 30.
New England Fibre Mills, Derry, N. H. Mattresses. 172,648–9; Jan. 30.
New England Fish Company, Boston, Mass. Canned salmon. 183,530; Nov. 6.
New England Fish Company, Boston, Mass. Canned salmon. 183,531; Dec. 18.
New England Panama Hat Co., Inc., New York, N. Y. Hats. 176,756; May 22.
New England Pressed Steel Company, Natick, Mass. Electric tail lights, stop lights, backing lights, direction signals, etc. 171,430; Feb. 20.
New England Spun Silk Corporation, Boston and Newton Upper Falls, Mass., and New York, N. Y. Yarns spun of silk and artificial silk and mixtures thereof. 173,976–7; Mar. 6.
New England Stationery Company, Boston, Mass. Stationery. 178,454; May 8.
New Hampshire Co-Operative Marketing Association, Inc., Manchester, N. H. Fresh eggs. 153,101; July 24.
New Haven Clock Co., The, New Haven, Conn. Clocks. 184,747; Nov. 20.
New Haven Clock Co., The, New Haven, Conn. Clocks. 184,748–51; Oct. 30.
New Haven Knitting Mills, New Haven, Conn. Hosiery. 183,883; Oct. 30.
New Jersey Charcoal Co. Inc., Irvington, N. J. Charcoal. 179,379; Sept. 4.
New Jersey Paper Tube Company, Englewood, N. J. Soda straws. 156,542; Aug. 14.
New Jersey Paper Tube Company, Englewood, N. J. Paper drinking straws. 175,590; Aug. 28.
New Jersey Zinc Company, The, Newark and Franklin, N. J. Paste for paint purposes. 178,402; June 19.
New Jersey Zinc Company, The, Newark and Franklin, N. J. Zinc oxide. 180,615; Aug. 7.
New Method Die & Cut-Out Co., Inc., Boston, Mass. Cardboard easels for supporting advertising cards. 181,304; July 24.
New Process Company, Warren, Pa. Wardrobe trunks. 175,620; Apr. 24.

Alphabetical list of trade-mark applicants—Continued.

New Process Company, Warren, Pa. Women's suitcases. 176,494; Apr. 10.
New Process Company, Warren, Pa. Men's suitcases. 176,495; Apr. 10.
New Process Company, Warren, Pa. Portfolios (brief cases). 176,496; Apr. 10.
New Process Cork Company, Brooklyn, N. Y. Bottle closures of the crown type. 160,076; June 12.
New Standard Corporation, Mount Joy, Pa. Food receptacles, Insulated. 179,162; July 24.
New York Bed Spring Mfg. Co., Detroit, Mich. Bed springs. 180,716; Aug. 7.
New York Belting and Packing Company, New York, N. Y. Belting made of rubber and fabric. 175,320; Apr. 3.
New York Belting and Packing Company, New York, N. Y. Belting made of rubber and fabric. 175,322; Apr. 3.
New York Blue Print Paper Company, New York, N. Y. Sensitized blue-print paper. 171,182; Feb. 6.
New York Blue Print Paper Co., New York, N. Y. Tracing paper. 181,906; Aug. 21.
New York Canners, Inc., Rochester, N. Y. Canned fruits and vegetables. 168,722; Aug. 21.
New York Consolidated Card Co., The, Long Island City, N. Y. Playing cards. 171,027; Feb. 27.
New York French Exports, Inc., New York, N. Y. Face powder and creams, perfumes, toilet waters, rouges, etc. 179,879; Aug. 7.
New York Girl Coat Co., New York, N. Y. Girls' coats. 169,491; June 5.
New York Intravenous Laboratory. (See Loeser, David.)
New York Knife Company, New York, N. Y. Pocket and hunting knives. 167,316; Jan. 2.
New York Law Review Corporation, New York, N. Y. Name of a monthly magazine. 176,032; May 22.
New York Machinery Company. (See Loewy, Morris.)
New York Mackintosh Clothing Company, New York, N. Y. Raincoats. 167,734; Oct. 16.
New York Mackintosh Clothing Company, New York, N. Y. Rain proof garments. 179,420; Aug. 14.
New York Merchandise Company, New York, N. Y. Sanitary napkins. 174,795; Mar. 13.
New York Merchandise Company, New York, N. Y. Handkerchiefs. 182,603; Aug. 28.
New York Merchandise Company, New York, N. Y. Hosiery. 182,604; Sept. 4.
New York Net & Twine Co., Moodus, Conn. Ropes, cords, and twine. 168,120; Nov. 6.
New York & Pennsylvania Company, Castanea Township, Clinton County, Pa., and New York, N. Y. Book paper in sheets and rolls. 167,922; June 12.
New York Rubber Company, New York, N. Y. Rubber hose and belting. 160,828; Feb. 27.
New York Transportation Co., New York, N. Y. Motor busses and parts thereof. 184,675; Nov. 27.
New York Tribune, Inc., New York, N. Y. Title of a newspaper column. 172,430; Mar. 13.
New York Vitreous Enamel Products Corporation, Dover, Del., and Flushing, N. Y. Enameled-metal covers for washtubs. 176,643; Oct. 30.
New York Wire & Spring Company, Hoboken, N. J. Automobile bumpers. 173,716; Aug. 28.
New York Wire & Spring Company, Hoboken, N. J. Automobile bumpers. 173,717; May 1.
New Zealand Co-Operative Dairy Co., Limited, The, Hamilton, New Zealand. Butter and cheese. 168,332; Sept. 4.
New Zealand Co-operative Dairy Company, Limited, Hamilton, New Zealand. Butter and cheese. 168,335; Nov. 20.
New Zealand Refrigerating Company, Limited, The, Christchurch, New Zealand. Frozen and chilled mutton, lamb, and beef and tallow. 161,371; Jan. 30.
New Zealand Refrigerating Company Limited, The, Christchurch, New Zealand. Tallow. 161,372; Jan. 23.
New Zealand Refrigerating Company, Limited, The, Christchurch, New Zealand. Wool. 161,373; May 1.
New Zealand Refrigerating Company Limited, The, Christchurch, New Zealand. Oils for preserving leathers and neat's-foot oil. 161,375; May 22.
New Zealond Refrigerating Company, Limited, Christchurch, New Zealand. Wool. 161,378; May 1.
New Zealand Refrigerating Company Limited, The, Christchurch, New Zealand. Wool. 161,380; May 29.
New Zealand Refrigerating Company Limited, The, Christchurch, New Zealand. Oils for preserving leather and neat's-foot oil. 161,381; Jan. 2.
New Zealand Refrigerating Company, Limited, The, Christchurch, New Zealand. Tallow largely used in soap making. 168,586–7; Jan. 9.
New Zealand Refrigerating Company, Limited, The, Christchurch, New Zealand. Tallow largely used in soap making. 168,588; Jan. 30.
Newell, Carroll D., New York, N. Y. Yarn. 165,756; Jan. 9.
Newell, Carroll D., New York, N. Y. Yarn. 177,420; July 17.
Newhall Chain Forge & Iron Co., New York, N. Y. Non-skid chains, hooks, and parts thereof. 160,897; Mar. 6.
Newhall, H. M., & Co., San Francisco, Calif. Canned fruits and vegetables. 169,770; Feb. 27.
Newhall, H. M., & Co., San Francisco, Calif. Canned fruits and vegetables. 169,771; May 8.
Newhall, H. M., & Co., San Francisco, Calif. Canned fruits and vegetables. 169,772; May 1.
Newman & Co., New York, N. Y. Hosiery for men. 185,492; Dec. 4.
Newman, John J., doing business as J. J. Newman Co., Los Angeles, Calif. Corn plasters. 173,851; Apr. 10.
Newman, John W., Hendersonville, N. C. Construction materials for stone veneer for walls, building blocks, bricks, etc. 168,330; Mar. 13.
Newman, Marcus & Torchia, Cincinnati, Ohio. Frocks. 178,455; July 10.
Newman, Sigmund, doing business as S. Newman & Company, New York, N. Y. Name of a magazine or publication published from time to time, specializing on subjects pertaining to radio telegraphy and telephony. 179,380; June 26.
Newmark Brothers, Los Angeles, Calif. Coffee. 158,137; Mar. 6.
Newport Company, The, Carrollville, Wis. Turpentine substitutes. 175,940; Apr. 10.
Newshaw, James C., Baltimore, Md. Emergency gasoline and oil tanks. 174,021; Feb. 27.
Newton, Chambers & Co. Limited, near Sheffield, England. Apparatus for generating and diffusing vaporized germicides or disinfectants. 177,922; May 29.
Newton Ice Cream Company. (See Hay, Carl A.)
Newton Line Company Incorporated, Homer, N. Y. Fishing lines. 173,662; Apr. 10.
Newton Line Company, Incorporated. Homer, N. Y. Fishing lines. 173,663; May 1.
Newton Line Company Incorporated, Homer, N. Y. Fishing lines. 173,665; Apr. 10.
Newton Line Company, Incorporated. Homer, N. Y. Fishing lines. 173,668; May 1.
Newton Line Company Incorporated, Homer, N. Y. Fishing lines. 173,669; Feb. 27.
Newton Line Company, Incorporated. Homer, N. Y. Fishing lines. 174,747; May 1.
Newton Tea & Spice Co., The, Cincinnati, Ohio. Peanut butter. 176,090; Nov. 27.
Newtown Giant Incubator Corporation, Harrisonburg, Va. Incubators, brooders, trap nests, etc. 184,254; Dec. 18.
Ney, J. M., Company, The, Hartford, Conn. Low-fusing metal alloy. 187,479; Dec. 25.
Ney, Milton R., Washington, D. C. Ladies' coats, suits, dresses, hats, etc. 160,675; Jan. 16.
Niagara Alkali Company, Niagara Falls, N. Y. Flake lye used as detergent. 169,917; June 26.
Niagara Alkali Company, Niagara Falls, N. Y. Flake lye. 169,918; Apr. 24.
Niagara Lithograph Co., Buffalo and New York, N. Y. Lithographs. 168,484; Nov. 27.
Niagara Shoe Company, Inc., Buffalo, N. Y. Shoes of leather, rubber, and fabric. 171,029; July 3.
Nichols Electric Furniture Co., Bennington, Vt. Electrically-equipped serving table. 175,623; Oct. 2.
Nichols, T. & H., Nutley, N. J. Spark plugs. 177,101; May 29.
Nichols Underwear Corporation, The, Bridgeport, Conn. Corsets, brassières, combination corsets and brassières, etc. 184,144; Oct. 16.
Nicholson File Company, Providence, R. I. Files and rasps. 131,918; Jan. 30.
Nicholson, H. R., Company. (See Nicholson, Harry R.)
Nicholson, Harry R., doing business as H. R. Nicholson Company, Baltimore, Md. Automobile soap. 173,292; Mar. 13.
Nicholson, Lloyd E., New York, N. Y. Hosiery. 176,275; June 19.
Nicholson's Raincoat Co., Limited, St. Albans, England. Overcoats and suits. 172,006; Nov. 13.
Nicholson's Raincoat Co., Limited, St. Albans, England. Waterproofed fabrics in the piece. 176,497; July 17.
Nickel & Drummey, Chicago, Ill. Butter. 178,624; Sept. 25.
Nickel Fabricating Corp., Philipsburg, Pa. Frying pans, saucepans, stock pots, kettles, etc. 174,908; July 3.
Nickel Plate Elevator Company, The, Cleveland, Ohio. Poultry and stock feed. 181,086; Sept. 25.
Nickels, Cathrine, Philadelphia, Pa. Preparation for the alleviation of baldness and the restoration and preservation of the hair. 172,431; Mar. 27.
Nickels & Lauber, Inc., Philadelphia, Pa. Hosiery, scarfs, neckties, and mufflers. 169,071; Jan. 30.
Nickels Manufacturing Company, Bristol, Va. Ladies', misses', and children's dresses. 169,179; Apr. 3.
Nickelsburg Brothers Company, The, Newark, N. J. Partly-prepared leather used in the manufacture of boudoir slippers, bathing shoes, etc. 163,762; Feb. 6.
Nicomede, Joe, doing business as Lustroil Co., Altoona, form. 180,384; Sept. 18.
Niedzielski, Albert W., Chicago, Ill. Purgative tea in dry Pa. Polish for restoring the polish of musical instruments. 169,317; July 24.
Nielsen Packing Co., San Francisco, Calif. Canned fruits and vegetables. 181,845; Dec. 4.
Nielsen Packing Co., San Francisco, Calif. Canned fruits and vegetables. 181,852; Dec. 4.
"Nieso" Stahl- und Metallwarenfabrik Gebr. Niepenberg, Wald, Germany. Razors, safety razors, safety-razor blades, pocketknives, etc. 164,995; Mar. 6.

Nightrack Manufacturing Company, Huntington, W. Va. Costumer. 174,185; May 1.
Niles-Bement-Pond Company, New York, N. Y. Machine tools consisting of planers, lathes, and drilling machines. 177,017; May 22.
Nippon Match M'f'g. Co., L'd., Kobe, Japan. Matches. 158,488; Mar. 6.
Nippon Tea Co. (See Masuda, Tomekechi.)
Niss, C., & Sons, Inc., Milwaukee, Wis. Furniture for homes. 149,345; Feb. 27.
Nissley Creamery Company, Fort Worth, Tex. Ice cream. 157,726; Jan. 9.
Nissley Creamery Company, Fort Worth, Tex. Ice cream. 158,995; Mar. 6.
Nitram Manufacturing Co., The, East Orange, N. J., and New York, N. Y. Knitted bags. 172,007–8; Jan. 9.
Nitram Manufacturing Co., The, East Orange, N. J., and New York, N. Y. Linen broom twine. 187,875; Dec. 25.
Nitrate Agencies Company, New York, N. Y. Fertilizers. 180,486; July 10.
Nitro Pencil Company, Nitro, W. Va. Lead for pencils. 172,897; Feb. 6.
Nitrogen Electric Company, Newark, N. J. Incandescent lamps. 173,577; Mar. 27.
Nitrol Chemical Co., not Inc. (See Giddings, Warren A.)
Nitrose Company, Peoria, Ill. Ready-mixed or paste paint. 159,690½; May 29.
Nix-Lix Co., The. (See Quast, Otto K.)
Nix Produce Company, Hastings, Fla. Irish potatoes. 165,300; June 5.
Nix Produce Company, Hastings, Fla. Potatoes. 183,884; Nov. 13.
Nizer Corporation, Detroit, Mich. Refrigerating units, refrigerators, etc. 187,438; Dec. 18.
Noack, Walter G., Stockton, Calif. Water-pressure systems, pumps, and engines and parts thereof. 186,246; Dec. 4.
Noavo Laboratories, Los Angeles, Calif. Medicinal preparations used as a fat reducer. 178,863; Sept. 4.
Noble and Noble, New York, N. Y. Table game played with pieces. 177,102; May 15.
Noblesville Milling Co., Noblesville, Ind. Wheat flour. 165,239; Jan. 30.
Noblesville Milling Co., Noblesville, Ind. Self-rising flour. 166,566–7; Mar. 20.
Noblesville Milling Co., Noblesville, Ind. Wheat flour. 167,531; Mar. 20.
Noblesville Milling Co., Noblesville, Ind. Wheat flour. 167,730; Mar. 20.
Noblesville Milling Co., Noblesville, Ind. Self-rising flour. 167,731; Jan. 30.
Noblesville Milling Co., Noblesville, Ind. Wheat flour. 167,885; Mar. 20.
Noe-Equl Hosiery Mills, Inc., Reading, Pa. Hosiery. 170,690; May 15.
Noell, James T., Alexandria, Va. Aspirin tablets. 184,473; Nov. 27.
Noesting Pin Ticket Company, Incorporated, Mount Vernon, N. Y. Pin tickets, paper clips, tags, and thumb tacks. 166,199; Dec. 4.
Noesting Pin Ticket Company, Incorporated, Mount Vernon, N. Y. Paper clips. 180,805; July 10.
Noggle, S. W., doing business as The S. W. Noggle Company, Kansas City, Mo. Cake and pastry mixture. 169,773; Feb. 27.
Noggle, S. W., doing business as The S. W. Noggle Company, Kansas City, Mo. Cake and pastry mixture. 169,774; May 1.
Noggle, S. W., Company, The. (See Noggle, S. W.)
Noise Making Devices Company. (See Halpern, Irving J.)
Nolan Co., The, Greenville, Pa. Preparation for eczema, salt rheum, impetigo, etc. 170,535; Feb. 20.
NoLance Chemical Company, New Brookland, S. C. Salves and ointments for boils, carbuncles, bone felons, etc. 175,729; May 29.
Nolen Apiaries, The. (See Nolen, Lawrence R.)
Nolen, Lawrence R., doing business as The Nolen Apiaries, Kerens, Tex. Honey. 169,072; Apr. 3.
Noliboff, Harry, New Haven, Conn. Cigars. 171,652; Feb. 6.
No-Liquid Door Check Company, The, Columbus, Ohio. Doorchecks. 183,225; Sept. 25.
Noll, Albert, doing business as The Noll Company, Cambridge, Mass. Shampoo. 183,757; Nov. 13.
Nolyec Laboratories, Chicago, Ill. Emulsion used in treating constipation. 181,767; Sept. 18.
Nolyec Laboratories, Chicago, Ill. Emulsion used in treating constipation. 181,769; Sept. 18.
No-Mor Products Co., Los Angeles, Calif. Composition for exterminating insects. 180,292; Aug. 28.
Non-Crush Fruit Guard Company. (See Satake, Shuzo.)
Nonsuch Manufacturing Co. Limited, The, Toronto, Ontario, Canada. Polishes for metal and boots and shoes. 175,207; Aug. 7.
Norcross, O. M., Co. (See Norcross, Orville M.)
Norcross, Orville M., doing business as O. M. Norcross Co., Pemberton, N. J. Vegetable-oil liniment for relief of aches, pains, cuts, etc. 169,603; Feb. 20.
Nordman, Ferdinand B., jr., Number Nine Plantation, Volusia County, Fla. Fruits, jellies, jams, sirups, etc. 146,979; Aug. 28.
Norflett, John C., doing business as Royal Progressive Company, Brooklyn, N. Y. General tonic. 156,290; June 26.
Norfolk Mattress Company, Inc., Norfolk, Va. Bed springs and bedsteads. 180,547; Sept. 11.
Norfolk Police Social and Relief Association, The, Norfolk, Va. Name of a monthly publication. 185,903; Dec. 11.
Normany Products Co. (See Cromwell, Robert H.)
Normasal Chemical Co. (See Hatch, Robert A. B.)
Norris, Viola B., Montclair, N. J. Candy. 185,259; Dec. 11.
Norristown Herald, Inc., Norristown, Pa. Periodical publication, published daily. 171,431; Mar. 13.
Norristown Herald, Inc., Norristown, Pa. Periodical publication published daily. 176,910; May 22.
Norristown Herald Printing and Publishing Co., Norristown, Pa. Periodical publication. 179,738; Aug. 28.
Norristown Hosiery Mills, Lansdale, Pa. Hosiery. 169,983; Feb. 13.
North American Fur Dyeing Company, Newark, N. J. Fur skins. 171,883; Apr. 3.
North American Mercantile Co., Inc., San Francisco, Calif. Canned fish, fruit, and vegetables. 174,909; June 5.
North American Mercantile Co. Inc., San Francisco, Calif. Canned fruits, vegetables, and fish, dried fruits, etc. 174,910; May 8.
North American Mercantile Co., San Francisco, Calif. Rice. 176,356; Aug. 21.
North American Process Company, Inc. Malone, N. Y. Pneumatic tubes. 169,919; Feb. 27.
North American Radio & Supply Corporation, The, New York, N. Y. Radio receiving and transmitting instruments and parts thereof. 168,936; Dec. 18.
North American Toy Co., Inc., New York, N. Y. Toy pianos. 180,616; Nov. 27.
North Dakota Metal Culvert Co., Fargo, N. Dak. Metal culverts and well curbing. 160,021; Oct. 30.
North Pacific Mortgage Company, Seattle, Wash. Fresh apples. 185,668; Nov. 13.
Northern Equipment Company, Erie Pa. Feed-water regulators and pump governors. 178,625; July 24.
Northern Fruit Company, Tonasket, Wash. Fresh fruits and vegetables. 165,705; Jan. 2.
Northern Institute Co., The, Cleveland, Ohio. Instruction books, pamphlets, or folders. 180,488; Oct. 16.
Northern Jobbing Company, Chicago, Ill. Soap. 166,900; Feb. 27.
Northern Jobbing Company, Chicago, Ill. Wheat flour, oleomargarine, tapioca, etc. 171,034; Sept. 25.
Northern Packing Company, Grand Forks, N. Dak. Ham, lard, bacon, sausage, salt pork, etc. 182,667; Dec. 25.
Northern Paper Mills, Green Bay, Wis. Toilet paper. 169,074; Mar. 20.
Northern Paper Mills. Green Bay, Wis. Toilet paper. 180,717; July 24.
Northern Paper Mills, Green Bay, Wis. Toilet paper. 184,350; Oct. 16.
Northern Paper Mills, Green Bay, Wis. Folded towels. 184,351; Nov. 20.
Northern Paper Mills, Green Bay, Wis. Toilet paper. 184,352; Oct. 16.
Northern Paper Mills, Green Bay, Wis. Toilet paper. 184,354–5; Oct. 16.
Northern Paper Mills, Green Bay, Wis. Toilet paper. 184,356; Nov. 20.
Northern Paper Mills, Green Bay, Wis. Toilet paper. 184,357; Dec. 25.
Northern Paper Mills, Green Bay, Wis. Toilet paper. 184,358; Oct. 16.
Northern Paper Mills, Green Bay, Wis. Toilet paper. 184,359; Nov. 13.
Northern Paper Mills, Green Bay, Wis. Toilet paper. 184,360; Oct. 16.
Northfield Flour Mills Company, Northfield, Minn. Wheat flour. 174,630; June 5.
Northfield Flour Mills Company, Northfield, Minn. Wheat flour. 176,422–4; Aug. 21.
Northman Publishing Company, The, Portland, Oreg. Monthly magazine. 171,380; Apr. 24.
North Star Chemical Works, Inc., Lawrence, Mass. Leather preservatives. 155,630; June 5.
Northwest Chemical Co. (See Horst, Frederick F.)
Northwest Fruit Products Company, Salem, Oreg. Canned fruits and berries. 185,609; Dec. 25.
Northwest Nitrox Company. (See Platt, E. F.)
Northwestern Bakers & Confectioners Co., Minneapolis, Minn. Acetic acid, fruit butters, butter flavoring, cake mix, etc. 161,938; Nov. 13.
Northwestern Bakers & Confectioners Co., Minneapolis, Minn. Baking powder, bicarbonate of soda, carbonic powder, etc. 181,855; Dec. 4.
Northwestern Bakers & Confectioners Co., Minneapolis, Minn. Sirups and fruit and phosphatic acids and coloring extracts and flavorings for beverage purposes. 181,856; Oct. 2.
Northwestern Bakers & Confectioners Co., Minneapolis, Minn. Petroleum oil and slab oils, vegetable and mineral. 181,857; Oct. 23.
Northwestern Bell Telephone Company, Des Moines, Iowa, and Omaha, Nebr. Monthly periodical. 179,218; June 26.

Northwestern Blaugas Company, St. Paul, Minn. Naphthalene solvent for gas mains and services. 156,593; May 15.
Northwestern Distributing Co., Billings, Mont. Coffee. 178,456; Oct. 9.
North-Western Trust & Savings Bank, Chicago, Ill. Publications and negotiable papers. 151,922; Apr. 10.
Northwestern Yeast Company, Chicago, Ill. Yeast and vitamine food products which involve the use of yeast. 164,658; Aug. 14.
Northwestern Yeast Company, Chicago, Ill. Yeast vitamine product used as a tonic. 177,318; July 17.
Norton, Willis, & Co., North Topeka, Kans. Wheat flour. 179,949; Sept. 18.
Norwalk Tire & Rubber Company, The, Norwalk, Conn. Elastic vehicle tires. 179,315; July 31.
Norwalk Tire & Rubber Company, The, Norwalk, Conn. Elastic vehicle tires. 182,926; Dec. 4.
Norwich Wire Works, Inc., Norwich, N. Y. Game traps. 183,848; Dec. 18.
Norwood, Edwin P., Chicago, Ill. Serial story. 172,009; Feb. 27.
Notaseme Hosiery Co., Philadelphia, Pa. Hosiery. 173,104; Sept. 25.
Nottage Company, The, Los Angeles, Calif. Men's and boys' work shirts, and children's blouses and play suits. 179,422; Oct. 2.
Nottingham Lace Works, Jersey City, N. J., and New York, N. Y. Laces, handkerchiefs, embroideries, and draperies, etc. 179,316; Oct. 2.
Nottingham Lace Works, Jersey City, N. J., and New York, N. Y. Laces, handkerchiefs, embroideries, etc. 179,317; Sept. 25.
Nourse Company, Inc., The, New York, N. Y. Kindergarten materials. 164,822; May 1.
Novack, Harry J., doing business as Colloidal Laboratories, Philadelphia, Pa. Liquid iodine preparation. 178,626; July 10.
Novafaex Company, The, Chicago, Ill. Prepared yeast food tonic. 179,880; Dec. 25.
Novak, Jerry, South Milwaukee, Wis. Knee rests. 183,402; Dec. 25.
Novelty Cutlery Company, The, Canton, Ohio. Pocket and pen knives, dirks, razors, and ink erasers. 168,781; Jan. 23.
Novocol Chemical Mfg. Co., Inc., Brooklyn, N. Y. Impression compound. 171,946; Mar. 20.
Novocol Chemical Mfg. Co., Inc., Brooklyn, N. Y. Solution of suprarenal extract. 177,319; Aug. 7.
Nowak Milling Corporation, Hammond, Ind., and Buffalo, N. Y. Horse and mule feed. 170,780; Mar. 13.
No-Worry Chemical Co. (See Cicetti, Federico.)
Noyes Comb Company, Binghamton, N. Y. Pocket and fine combs, barbers' and men's and women's dressing combs. 170,306; Jan. 30.
Nubright Company, Concord, Calif. Washing powder. 170,893; Feb. 13.
Nu Grape Company of America, The, Atlanta, Ga. Non-alcoholic, maltless grape beverage. 176,276; May 1.
Nu-Ka-Na Remedy Co. (See Rett, William F.)
Nu-Life Medicine Company. (See Spinks & McIlwain.)
Nuloid Corporation, Wilmington, Del., and New York, N. Y. Hard-rubber composition. 174,668; June 5.
Nunnally Company, The, Atlanta, Ga. Candies. 177,103; Oct. 16.
Nu-Pep Company, The. (See Palmer, John W.)
Nu-Pep Laboratories. (See Buchanan, J. W.)
Nusol Laboratories, The. (See Baringer, Frederick J.)
Nut Lunch Company. (See Townsend, Glenn.)
Nu-Tone Products Co., Cascade, Mont. Phonograph-record renewer cleaning preparation. 168,851; Jan. 2.
Nutting, Wallace, Incorporated, Ashland, Mass. Colored pictures or plot tinotypes. 170,831; May 1.
Nutting, Walter M., doing business as Nutting Truck Company. Faribault, Minn. Floor trucks. 173,240; Apr. 17.
Nutwood Vineyard. (See Wood, H. W.)
Nuway Company, The. (See Foster, Clyde C.)
Nypros Steel Company, Philadelphia, Pa. Liquid used in heat-treating steel. 170,400; Apr. 3.
O. F. Oil Burner Company, The. (See Falkenwalde, Oscar.)
O. K. Bottler's Supply House. (See Levy, Louis.)
O. & T. Electric Corporation, New York, N. Y. Radio detector and amplifier tubes. 180,293; July 24.
Oakford & Fahnestock, Peoria, Ill. Baking powder, cream of tartar, bluing, and ammonia. 169,920; Dec. 4.
Oak Grove General Sanitarium. (See Secoy, Edward A.)
Oakland Chemical Company, The, New York, N. Y. Antiseptic and disinfectant compounds. 181,608; Nov. 6.
Oakley & Co. Inc., New York, N. Y. Perfume, toilet waters, talcum and face powders, etc. 173,779; Sept. 11.
Oakley, Richard A., doing business as Benn Chemical Co., Philadelphia, Pa. Cleaning and polishing preparation. 182,481; Nov. 27.
Oakley, Richard H., doing business as Oakley Varnish Co., Los Angeles, Calif. Paints, enamels. 155,114; Mar. 13.
Oakley Varnish Co. (See Oakley, Richard H.)
Oard Radio Laboratories, doing business as Atlantic-Pacific Radio Supplies Company, Stockton, Calif. Radio receiving sets. 170,894; Jan. 30.
Ober, Jacob, doing business as Loeb Dress Co., New York, N. Y. Dresses for girls, juniors, and misses. 168,848; May 22.
Oberg, C. O., & Co.'s Aktiebolaget, Eskilstuna, Sweden. Files and rasps. 161,641; Mar. 20.
Öberg, C. O., & Co:s Aktiebolag, Eskilstuna, Sweden. Files and rasps. 175,514; May 8.
Obermayer, S., Co., The, Chicago, Ill. Furnace cement in laying up fire brick and kindred uses. 184,094; Nov. 20.
Oberndorfer Company, The, Milwaukee, Wis. Rubber aprons. 164,185; May 1.
Obrecht, G. Fred, doing business as P. Fred'k Obrecht & Son, Baltimore, Md. Horse, poultry, hog, and dairy feed. 175,405; Aug. 7.
O'Brien, E. J., doing business as Cresta Blanca Punch Co., also as E. J. O'Brien Company, San Francisco, Calif. Beverage sold as a soft drink. 182,219; Nov. 6.
O'Brien, John J., Coggon, Iowa. Pump coupling. 176,757; May 8.
O'Callaghan, Marguerite, New York, N. Y. Ladies' and children's dresses. 169,180; Jan. 2.
O'Connell, L. M., & Co. (See O'Connell, Louis M.)
O'Connell, Louis M., doing business as L. M. O'Connell & Co., Boston, Mass. Hair curlers, wavers, crimpers, and puffs. 174,098; Mar. 13.
O'Connor, Edward J., doing business as Moon Laboratories, St. Louis, Mo. Pharmaceutical preparation for the prevention and correction of vaginitis, leuchorrea, etc. 170,748; Feb. 13.
O'Connor, Edward J., doing business as Moon Laboratories, St. Louis, Mo. Toilet preparations. 170,947; Mar. 20.
O'Connor, T. J., & Sons, Incorporated, Baltimore, Md. Men's belts. 169,557; Jan. 30.
Odell Company, The. (See Odell, R., & Sons Company, assignor.)
Odell, R., & Sons Company, assignor to The Odell Company, Newark, N. J. Hair tonic. 153,613; Feb. 13.
Odell, R., & Sons Company, assignor to Odell Company, The, Newark, N. J. Hair tonic. 153,615; Feb. 13.
Odex Products Company, Chicago, Ill. Foot powder. 178,767; July 17.
O-Do-Less Products Co. (See Dismond, Henry B.)
Odontex Company, The. (See McCall, John O.)
Odor, Frank B., Coshocton, Ohio. Medicine for treatment of tuberculosis of the bone and like diseases. 178,864; Aug. 14.
Odorless By-Products & Reduction Corporation, New York, N. Y. Deodorants and disinfectants. 169,775; Feb. 20.
Oemler, Augustus, Savannah, Ga. Canned shrimp. 180,807; Oct. 16.
Oertel Roofing Manufacturing Company (now by change of name Stormcote Roofing Corporation), East St. Louis, Ill. Rag fiber, and asphalt roofing. 160,149; Aug. 7.
Oertel Roofing Manufacturing Company, now by change of name Stormcote Roofing Corporation, East St. Louis, Ill. Roofing materials. 162,442; July 17.
Oest Fruit Co., San Francisco, Calif. Mincemeat. 161,446; Oct. 30.
Oest Fruit Co., San Francisco, Calif. Mincemeat. 161,448; Oct. 30.
Ohio Brass Company, The, Mansfield, Ohio. Ears, clamps, and hangers for suspending and supporting trolley wires, etc. 182,547; Oct. 9.
Ohio Brass Company, The, Mansfield, Ohio. Ears, clamps, hangers, and brackets, for suspending and supporting trolley wires, etc. 182,669; Oct. 23.
Ohio Confection Company, The, Cleveland, Ohio. Candy. 162,763; June 5.
Ohio Confection Company, The, Cleveland, Ohio. Candy. 175,883; May 15.
Ohio Instrument Mfg. Co., The, Cleveland, Ohio. Fire extinguishers and refill units for said extinguishers. 162,194; Dec. 25.
Ohio Leather Company, The, Girard, Ohio. Leather. 165,977; Mar. 13.
Ohio Medicine Co. (See Yagyu, James R.)
Ohio Refining Company, The, Cincinnati, Ohio. Gasoline. 162,310; Jan. 9.
Ohio Salt Company, The, Wadsworth, Ohio. Salt. 170,593; Feb. 13.
Ohio Salt Company, The, Wadsworth, Ohio. Salt. 171,863; Feb. 20.
Ohio Spring Bed Company. (See Cleveland Wire Spring Company.)
Ohio Valley Coffee Co., The, Portsmouth, Ohio. Coffee. 178,270; Aug. 14.
Ohio Valley Coffee Co., The, Portsmouth, Ohio. Coffee. 180,770; Dec. 25.
Oil and Chemical Corporation, The, Chicago, Ill. Lubricating oils and greases, automobile fuel oils, cutting oils for treating metals. 138,722; Apr. 24.
Oil Country Specialties Manufacturing Co., The, Coffeyville, Kans. Oil-well swabs, stuffing boxes, jerecki jets, wire-line sockets, and tongs. 174,850; July 24.
Okla-Cola Company, Oklahoma, Okla. Beverage sold as a soft drink. 174,795; May 29.
Oklahoma Garment Manufacturing Co., Oklahoma, Okla. Overalls, pants, shirts. 149,348; Mar. 13.
Oklahoma Publishing Company, The, Oklahoma, Okla. Daily newspaper. 174,973; Apr. 17.
Oklahoma Publishing Company, The, Oklahoma, Okla. Daily newspaper. 175,152; Apr. 17.

Oklahoma Publishing Company, The, Oklahoma, Okla. Monthly magazine. 175,265; May 22.
Oklahoma Publishing Company, The, Oklahoma, Okla. Monthly magazine. 175,266; May 8.
Okuda, K., Livingston, Calif. Fresh grapes. 164,067; Jan. 16.
Old Colony Manufacturing Corporation, Taunton, Mass. Cotton yarns. 180,237; July 10.
Old Dutch Mills, Inc., New York, N. Y. Cocoa, tea, and rice. 170,594; Mar. 13.
Old Homestead Bread Company, The, Denver, Colo. Bread. 159,978; Apr. 3.
Old Master Color Co., Provincetown, Mass. Tubed artist oil paints, water colors, etc. 174,025; May 29.
Oldach, William H., Inc., Philadelphia, Pa. Fancy patent hard-wheat flour. 163,232; Apr. 3.
Oliveine Laboratories. (See Ehmann, Julius.)
Olivette Laboratories, Inc., Providence, R. I. Toilet powder. 174,700; Apr. 24.
Olmsted, Charles, San Francisco, Calif. Candied almonds. 173,202; May 22.
Olmsted, Leon A., doing business as United States Athletic Company, Chicago, Ill. Bicycle. 170,664; Jan. 23.
Olsen-Moller Manufacturing Company, Chicago, Ill. Brake compound. 172,804; May 1.
Olson Brothers Company, Minneapolis, Minn. Polishes for furniture, automobiles, etc. 173,203; Apr. 24.
Olson Coffee Co., Omaha, Nebr. Coffee, tea, spices, flavoring extracts. 168,546; Apr. 17.
Olympia Canning Company, Olympia, Wash. Canned fruits. 169,076; Feb. 27.
Olympia Canning Company, Olympia, Wash. Canned fruits. 169,080; June 26.
Olympia Canning Company, Olympia, Wash. Canned fruits. 169,082; Mar. 6.
Olympia Canning Company, Olympia, Wash. Canned fruits. 178,271; Oct. 23.
Olympia Knitting Mills, Inc., Olympia, Wash. Knitted sweaters, caps, toques, gloves, socks, etc. 153,616; Jan. 30.
Olympia Manufacturing Company, New York, N. Y. Cotton goods, particularly cotton and silk shirting. 175,153; June 19.
Olympic Club, The, San Francisco, Calif. Periodicals issued monthly. 181,206; Sept. 25.
Omaha Alfalfa Milling Company, Omaha, Nebr. Stock and poultry feed. 168,429; Mar. 20.
Omaha Paint and Glass Company, Omaha, Nebr. Paints. 118,608; Dec. 25.
Ombrelo, Inc., New York, N. Y. Storm protecting covering. 165,757; Feb. 6.
Oneal, J. W., Chemical Co., Adena, Ohio. Ointment used for colds, headache, sore throat, etc. 174,257; May 22.
Oneida Community, Limited, Oneida, N. Y. Containers or cabinets for holding and displaying goods. 164,066; Jan. 23.
Oneida Community Limited, Oneida, N. Y. Silver-plated flatware, tableware, and cutlery. 168,617–18; Apr. 24.
Oneida Community Limited, Oneida, N. Y. Silver-plated flatware, tableware, and cutlery. 168,724; Apr. 24.
Oneida Community Limited, Oneida, N. Y. Display chests or cabinets for silverware, etc. 169,728; Nov. 27.
Oneida Community, Limited, Oneida, N. Y. Silver-plated flatware, tableware, and cutlery. 175,731; May 29.
O'Neil, Gertrude C., doing business as O'Neil's Pharmacy, Taunton, Mass. Medicine for coughs, colds, bronchitis, etc. 184,511; Dec. 4.
Ontario Milling Company, Incorporated, Oswego, N. Y. Dairy feeds. 160,297; Dec. 11.
Onward Manufacturing Company, Menasha, Wis. Furniture sliding shoes, being either a glass or hard-metal base with a metal stem. 167,144; Feb. 6.
Onyx Blouse Co. (See Finkelson, Max.)
Onyx Hosiery Inc. (See Emery & Beers Company.)
"Onyx" Hosiery, Inc., New York, N. Y. Children's hosiery. 182,670; Oct. 2.
Opax Products Company, Elyria, Ohio. Washing powder. 162,847; Jan. 2.
Opitz Manufacturing Company, Milwaukee, Wis. Automobile radiators. 172,291; Oct. 23.
Oppenheim, Collins & Company, New York, Inc., New York, N. Y. Footwear. 173,001; Apr. 24.
Oppenheim, Oberndorf & Co., Inc., also doing business as Franklin Manufacturing Company, Baltimore, Md. Plain white, dyed, or printed cotton dress and underwear piece goods. 184,418; Nov. 6.
Oppenheimer, Herbert, doing business as Slenda Form Laboratories, New York, N. Y. Salve or cream recommended for the reduction of adipose tissue. 169,495; Feb. 13.
Optical Products Corporation, New York, N. Y. Frames, rims, nose pieces, and celluloid appliances for eyeglasses. 178,184; Sept. 18.
Optical Specialty Manufacturing Company, Southbridge, Mass. Ophthalmic mountings and parts thereof. 179,548; July 10.
Optics Limited, London, England. Ophthalmic and spectacle lenses. 151,686; Feb. 20.
Optische Anstalt C. P. Goerz Aktiengesellschaft, Berlin-Friedenau, Germany. Photographic cameras, projecting lanterns, etc. 167,318; Oct. 30.
Optische Anstalt C. P. Goerz A. G., Berlin-Friedenau, Germany. Photographic and telescopic objectives, photographic cameras, etc. 169,984; July 3.
Ora Ola Syrup Company. (See Harden, David.)
Oral Laboratories. (See Poor, Roger A.)
Orange Crush Company, Chicago, Ill. Nonalcoholic, maltless beverages and concentrates and compounds for making the same. 156,594; Mar. 20.
Orange Mill Company, Inc., The, Coney Island, N. Y. Waffles. 181,232; Dec. 25.
Orangevale Fruit Growers Exchange, Orangevale Colony, Calif. Fresh and deciduous fruits. 168,782; Aug. 14.
Orchard Drug Co., Lynchburg, Va. Emulsion petroleum used in throat, lung trouble, bronchitis, bronchial catarrh, etc. 165,807–8; Apr. 24.
Orchard Paper Company, St. Louis, Mo. Twine. 179,053; May 29.
Order of Scottish Clans, Boston, Mass. Monthly publication. 186,924; Nov. 20.
O'Rear, Robert E., doing business as John D. Bear Company, Clearbrook, Va. Emulsion of petroleum combined with hypophosphites. 172,051; Apr. 10.
Oregon Brass Works, Portland, Oreg. Journal bearings. 178,273; July 10.
Oregon Brass Works, Portland, Oreg. Bearing bronze. 178,274–5; May 15.
Oregon Canning Company, Portland, Oreg. Canned fruits and berries. 187,340; Dec. 25.
Oregon Growers Cooperative Association, Salem, Oreg. Canned fruits and vegetables. 167,411–2; July 3.
Oregon Growers Cooperative Association, Salem, Oreg. Canned fruits. 174,851; July 3.
Orent's Department Store, Inc., doing business as Sagamore Commission Co., Sagamore, Mass., and New York, N. Y. Underwear. 171,136; Aug. 28.
Organic Preparations Co. Inc., Brooklyn, N. Y. Liquid preparation, remedy, or tonic for nervous diseases, etc. 181,040; Aug. 21.
Organ-Iron Medicine Company, Omaha, Nebr. Medicine used in cases of inflammation, ulceration and discharges of the urinary tract. 178,458; Aug. 7.
Organ-Iron Medicine Company, Omaha, Nebr. Medicine used in cases of stomach, liver and bladder trouble, etc. 178,459; July 10.
Organ-Iron Medicine Company, Omaha, Nebr. Medicine used in cases of rheumatism, sciatica, etc. 178,460; July 10.
Organ-Iron Medicine Company, Omaha, Nebr. Medicine used in cases of kidney and bladder troubles, etc. 178,461; July 10.
Oriental Notions Company, New York, N. Y. Hair nets. 177,019; June 26.
Oriental Silk Printing Company, Haledon, N. J., and New York, N. Y. Cotton piece goods. 157,075; Jan. 30.
Oriental Silk Printing Company, Haledon, N. J. Silk piece goods. 179,318; June 12.
Oriental Silk Printing Company, Haledon, N. J., and New York, N. Y. Textile fabrics, also silk ribbons. 185,141; Dec. 4.
Orientalische Tabak- u. Cigarettenfabrik Yenidge, Inhaber, Hugo Zietz, Dresden, Germany. Raw tobacco, tobacco for smoking and chewing, and snuff, cigars, etc. 157,507; June 19.
Original Tire Co., Cincinnati, Ohio. Tires, inner tubes, linings, boots, and tire patches. 180,670; Aug. 14.
Oriole Shirt Manufacturing Corporation, New York, N. Y. Men's dress and negligee shirts. 183,160; Sept. 25.
Orkin, William S., doing business as W. S. Orkin & Company, Boston, Mass. Pearls. 181,696; Oct. 16.
Ormerod, John, & Sons Ltd., Castleton, England. Leather belting. 170,832; Sept. 11.
Ormerod, John, & Sons Ltd., Castleton, England. Leather roller skins. 181,144; Aug. 7.
Orono Pulp & Paper Company, Bangor, Me. Wrapping paper. 179,549; June 5.
Orosz, John, Adena, Ohio. Blood-cleaning liquid. 179,011; Aug. 14.
Orthmann, Henry A., Brooklyn, N. Y. Mayonnaise dressing. 167,582; Feb. 13.
Ortho Manufacturing Company, Inc., New York, N. Y. Liquid dentifrice, a pharmaceutical preparation. 178,276; July 10.
Olsen & Marggraf, Inc., Brooklyn, N. Y. Metal ceilings and side walls pressed-brick siding, painted V-crimped roofing, etc. 169,922; Feb. 27.
Opera Omnia Limited, London, England. Face cream, toilet water, shampoo powder, etc. 182,220; Dec. 18.
Osakeyhtio Birger Hallman, Ltd., Kuopio, Finland. Matches. 182,927; Oct. 9.
Osakeyhtio Savo, Ltd., Kuopio, Finland. Matches. 171,864; Aug. 14.
Osakeyhtio Savo, Ltd., Kuopio, Finland. Matches. 187,481–3; Dec. 4.
Osborn Manufacturing Company, The, Cleveland, Ohio. Brushes designed for household use. 172,010; Jan. 9.
Osborn Paper Company, Marion, Ind. Writing tablets, composition books, etc. 173,295; Aug. 28.
Osborne Fruit & Vegetable Company, Fullerton, Calif. Fresh vegetables. 185,669; May 13.

Alphabetical list of trade-mark applicants—Continued.

Osborne Paper Company, Marion, Ind. Writing and school tablets, composition books, etc. 187,764; Dec. 18.
Osceola Knitting Mills. (See Bergman, Adolph.)
Os-Da Company, The, New York, N. Y. Pearl or imitation-pearl necklaces. 186,664; Dec. 11.
Os-Jaco Braided Line Co., Pawtucket, R. I. Fishlines. 182,987; Oct. 2.
Osman, Barnet, doing business as Stamford Drug Company, Stamford, Conn. Purgative and laxative. 181,610; Nov. 6.
Osman, John, Atlanta, Ga. Intestinal regulator. 174,407; June 26.
Osterberg, Gustav M., doing business as G. M. Osterberg & Sons, New York, N. Y. Elevator-rail oilers. 172,551; May 8.
Osterweil Bros. Inc., Newark, N. J. Trunks. 180,771; July 10.
Ostra Corporation, The, New York, N. Y. Sprayers for medicinal use. 172,954; Apr. 17.
Otis Chemical Company, (not Inc.), Chicago, Ill. Lubricating compounds and greases. 181,087; July 10.
Otis Orchards Apple Company, Otis Orchards, Wash. Fresh apples. 173,361; June 5.
Ottenheimer, Reuben E., doing business as The Reol Refrigerator Co., Baltimore, Md. Refrigerators and refrigerator show cases. 173,204; Apr. 24.
Ouillette, Paul, doing business as Fort Kent Drug Company, Fort Kent, Me. Pills for use as a blood purifier and system tonic. 179,675; Aug. 14.
Oval Wood Dish Corporation, Tupper Lake, N. Y. Wooden plates. 176,204; Apr. 10.
Overland Pharmacy Co., Boise, Idaho. Natural clay prepared for use in cleansing the skin and pores. 168,121; May 15.
Overman Cushion Tire Company Incorporated, New York, N. Y. Rubber tires. 167,091; Jan. 30.
Overman Cushion Tire Company Inc., New York, N. Y. Rubber tires. 167,093–5; Jan. 30.
Owego Corset Company, Inc., Owego, N. Y. Corsets, girdles, bandeaux, and brassières. 172,899; Apr. 24.
Owen, C. M., Los Angeles, Calif. Tablets, lotions, silver nitrate sticks, capsicum plasters, powders, etc. 178,277; July 24.
Owen-Dyneto Corporation, Syracuse, N. Y. Electric generators, dynamos, motors, electric ignition apparatus, etc. 181,611; Sept. 4.
Owen, Percy W., doing business as Southern Feed Co., Birmingham, Ala. Cow, horse, mule, and hen feed. 180,489; Oct. 23.
Owens, Michael, St. Louis, Mo. Men's and boys' suits. 168,547; Feb. 6.
Owensboro Milling Co., Owensboro, Ky. Hen scratch, chick scratch, laying mash, dairy feed, and horse feed. 170,895; May 1.
Owenwood Oil Corporation, Wilmington, Del., and Fort Worth, Tex. Oils and greases. 140,959; Jan. 9.
Owl Disinfectant Company, The. (See Fain, Jacob R.)
Owl Drug Company, San Francisco, Calif. Bronzing liquid, raw linseed oil, spirits of turpentine, for technical use. 166,399; Jan. 9.
Owl Drug Company, The, San Francisco, Calif. Birdseed, flavoring extract, fish food, olive oil, etc. 166,400; Sept. 11.
Oxford-Print, Boston, Mass. Wooden structure provided with seats in the nature of a merry-go-round. 144,246; Oct. 2.
Oxo Limited, London, England. Soups, and preparations for making. 157,898; Sept. 25.
Oyler, Chas. C., & Son, Cincinnati, Ohio. Fresh citrus fruits. 169,863; Mar. 13.
Oyler, Chas. C., & Son, Cincinnati, Ohio, doing business as The Eustis Packing Co., Eustis, Fla. Fresh citrous fruits. 179,482; Sept. 25.
Ozark Chemical Co. (See Lambert, Virginia C. B.)
P. G. Atlantic Toy Mfg. Co., New York, N. Y. Toy animals. 180,808; Nov. 13.
P-K Manufacturing Company, The, Cleveland, Ohio. Water-power beater and whipper. 182,257; Sept. 11.
P. & M. Company, Chicago, Ill. Rail anchors or anti-creepers. 180,238; Oct. 2.
P. & S. Laboratories. (See Stinson, Lyman A.)
P. Wolf-Goldman, Inc., New York, N. Y. Underwear, bath robes, nightgowns, slips, kimonos, and buntings. 181,230; Oct. 30.
Pabst Corporation, Milwaukee, Wis. Beverage sold as a soft drink. 181,210–11; Oct. 2.
Pabst Corporation, Milwaukee, Wis. Malt sirup and malt cereal beverages sold as a soft drink. 181,212; Oct. 30.
Pabst Corporation, Milwaukee, Wis. Malt sirup and malt cereal beverages sold as a soft drink. 181,214; Oct. 30.
Pabst Corporation, Milwaukee, Wis. Table water and root beer and nonalcoholic, maltless fruit-flavored soft drinks. 181,215; Oct. 2.
Pabst Corporation, Milwaukee, Wis. General medicinal tonic. 182,110; Nov. 6.
Pabst Corporation, Milwaukee, Wis. General medicinal tonic. 182,111–12; Dec. 18.
Pabst Farms, Summit and Oconomowoc, assignor to Pabst Holstein Farms, Milwaukee, Wis. Cheese. 181,495; Dec. 11.
Pabst Holstein Farms. (See Pabst Farms, assignor.)
Pacault, Ernestine, J. G., Forest, Brussels, Belgium. Electrical apparatus. 138,019; Jan. 23.
Pacent Electric Company, New York, N. Y. Control dials for use with radio apparatus. 177,241; June 5.
Pachner, I., & Son, Inc., New York, N. Y. Articles of ladies' apparel. 183,342; Sept. 25.
Pachner, I., & Son, Inc., New York, N. Y. Articles of men's and ladies' apparel. 169,737½; May 22.
Pacific By-Products Co., San Jose, Calif. Carbonizing compound. 163,000; Oct. 23.
Pacific Children's Wear Mfg. Co. (See Schwartz, Jacob.)
Pacific Clay Products Co., Los Angeles, Calif. Pressed, glazed, enamel, ruffled, and fire brick, fire clay, etc. 165,714; Jan. 30.
Pacific Clay Products Co., Los Angeles, Calif. Vitrified salt-glazed sewer pipe, tile water pipe, tile conduit pipe, etc. 165,715; Jan. 30.
Pacific Coast Biscuit Company, Seattle, Wash. Candy 164,189; Sept. 25.
Pacific Coast Biscuit Company, Seattle, Wash. Candies. 172,119; Apr. 10.
Pacific Coast Biscuit Company, Seattle, Wash. Fancy cookies. 174,854; June 5.
Pacific Commercial Company, Manila, P. I., and New York, N. Y. Wheat flour. 168,728; Dec. 4.
Pacific Fire Extinguisher Company, San Francisco, Calif. Fire-prevention apparatus and systems and parts thereof. 167,414; Jan. 9.
Pacific Foundry Company, San Francisco, Calif. Metal castings. 183,850; Sept. 25.
Pacific Food Products Co., Portland, Oreg. Canned fruits and berries. 185,610; Nov. 13.
Pacific-Italian Trading Corporation, San Francisco, Calif. Fresh and dehydrated grapes. 177,046; Aug. 28.
Pacific Malt & Hop Co. Inc., Brooklyn, N. Y. Pure malt extract for food purposes. 152,767; Sept. 18.
Pacific Malt & Hops Co. Inc., Brooklyn, N. Y. Malt extract, a sirup for food purposes. 163,001; Oct. 30.
Pacific Mercantile Co. (See Muller, Frank F.)
Pacific Mills, Lawrence and Boston, Mass. Sheetings and shirtings. 158,725; May 8.
Pacific Mills, Lawrence and Boston, Mass. Cotton piece goods. 175,677; Apr. 3.
Pacific Mills, Lawrence and Boston, Mass. Yarns. 176,499; June 19.
Pacific Mills, Lawrence and Boston, Mass. Cotton piece goods. 180,139; July 3.
Pacific Novelty Company, New York, N. Y. Combs and barrettes. 176,851; May 29.
Pacific Radio Publishing Co., Inc., San Francisco, Calif. Monthly publication. 161,747; July 31.
Pacific Seed House. (See Colorado Milling & Elevator Company.)
Package Paper & Supply Corporation, Springfield, Mass. Wrapping paper, particularly bread wrappers. 177,923; May 8.
Packard, M. A., Company, Brockton, Mass. Shoes made wholly or in part of leather. 171,865; Mar. 20.
Packard Motor Car Company, Detroit, Mich. Tire covers. 180,385; Oct. 16.
Packard Motor Car Company of New York, New York, N. Y. Rubber tubes for pneumatic tires. 177,510; July 31.
Packard Motor Car Company of New York, New York, N. Y. Tire carriers. 182,521; Oct. 23.
Packman, Michael, Atlantic City, N. J. Eggs. 182,002; Nov. 6.
Pactwell Food Products Co. (See Hamilton, William H.)
Pacz, Aladar, Cleveland Heights, Ohio. Aluminum alloys. 144,977; Mar. 27.
Paddon, Roland I., Chicago, Ill. Shampoo. 183,120; Nov. 13.
Padin Brothers, New York, N. Y. Dress, negligee, and work shirts. 176,688; Oct. 16.
Paetsch, Henry F., Pasadena, Calif. Breakfast cereal. 167,486; Mar. 20.
Page, Herbert P., doing business as H. P. Page Co., Boston, Mass. Cement and other petrescent materials, magnesite flooring, and artificial blocks. 183,491; Oct. 30.
Page, Joseph G., doing business as J. G. Page Chemical Co., Buffalo, N. Y. Preparation for dandruff, eczema, and falling hair. 180,294; Sept. 25.
Page Organ Co., The, Lima, Ohio. Organs and attachments for playing organs. 187,122; Dec. 11.
Page, Percy E., New York, N. Y. Face powders and creams, perfumes, toilet waters, rouges, etc. 175,941; May 29.
Page, Percy E., New York, N. Y. Face and talcum powders, face creams, perfumes, etc. 184,982; Dec. 4.
Page & Shaw, Incorporated, Cambridge, Mass. Transparent containers for food products. 179,424; July 3.
Page Steel & Wire Company, Adrian, Mich., and Bridgeport, Conn. Base-metal wire. 162,646; Apr. 17.
Pagonis, George, doing business as George Pagonis Co., New York, N. Y., Hair tonic, toilet waters, colognes, and cold creams. 168,725; Feb. 13.
Pagonis, George, doing business as George Pagonis Co., New York, N. Y. Shampoo preparations. 183,312; Dec. 4.
Pagonis, George, doing business as George Pagonis Co., New York, N. Y. Waving and curling preparation for the hair. 183,313; Dec. 4.

Paine & Williams Company, The, Cleveland, Ohio. Rubber matting. 178,060; July 3.
Painesville Metallic Binding Co., The. (See Alden, Clarence J.)
Paint Products Co., The, Elmira, N. Y. Paint and varnish remover. 179,952; Aug. 28.
Painters Supply Co. (See Drabek, Charles.)
Pal Radio Company, West Hoboken, N. J. Radio receiving apparatus and parts thereof. 183,537; Nov. 20.
Palisade Manufacturing Company, The, Yonkers, N. Y. Soap. 176,357; July 10.
Palise, Joseph, doing business as Champion Specialties Co., Brooklyn, N. Y. Liquid polish and shellac. 183,226; Sept. 18.
Pallady Welding & Manufacturing Company, Seattle, Wash. Soldering flux. 168,548; Feb. 13.
Palm Knitting Co., Inc., New York, N. Y. Knitted garments—namely, sweaters. 153,771–3; May 15.
Palmer-Bee Company, Detroit, Mich. Speed reducers, shaft couplings, friction clutches, hoists, etc. 176,359; May 29.
Palmer Candy Co., Sioux City, Iowa. Candy. 165,301; Jan. 2.
Palmer Candy Co., Sioux City, Iowa. Candy. 170,152; Mar. 13.
Palmer, Herbert R., doing business as T-N-T Spark Plug Co., Cleveland, Ohio. Spark plugs. 176,205; May 8.
Palmer, John W., doing business as The Nu-Pep Company, Chicago, Ill. Nonalcoholic beverages. 180,386; Sept. 18.
Palmer, Marion C., doing business as Marolyn Extract Co., Lynn, Mass. Vanilla extract. 170,731; Mar. 27.
Palmer, P. S. Company, The, Bridgeport, Conn. Device for uniformly mixing the charge before exploding it in internal-combustion engines. 171,764; Feb. 27.
Palmer Photoplay Corporation, Los Angeles, Calif. Prints and publications. 169,645; May 22.
Palmer, Richard, New York, N. Y. Hot-water bottles. 162,570; Nov. 6.
Palmer, Walter C., doing business as W. R. Palmer & Co., Cincinnati, Ohio. Mops. 164,069; July 24.
Palmer, William T., & Company, Inc., New York, N. Y. Toothbrushes. 171,183; Jan. 9.
Palmer, William T., & Company, Inc., New York, N. Y. Darning cottons. 173,852; Mar. 27.
Palmers, Limited, doing business as Minty, Montreal, Quebec, Canada. Soaps and shaving creams. 184,291; Nov. 13.
Palmers, Limited, Montreal, Quebec, Canada. Bleach, beauty, cold, and cleansing creams, face powders, etc. 184,292; Nov. 27.
Palmetto Coffee Co., Inc., Dover, Del., and Washington, D. C. Coffee. 171,381; Mar. 27.
Palmolive Company, The, Milwaukee, Wis. Face powder. 175,942; June 5.
Palumbo, J. C., Payette, Idaho. Fresh apples. 182,928; Sept. 18.
Paluszek, Adam J., doing business as Townsend-Adams Oil Co., New York, N. Y. Lubricating oil. 173,002; Mar. 20.
Pamlico Cottons, Ltd., New York, N. Y. Cretonnes, tapestries, and draperies in the piece. 150,464; June 19.
Pan-American Furniture Factory, Inc., New Orleans, La. Upholstered household furniture. 174,149; May 22.
Pan American Petroleum & Transport Company, Wilmington, Del. Gasoline. 184,620; Oct. 23.
Pandora Co., The. (See Sandra Laboratories, Inc.)
Pangburn Company, also doing business as Pangburn's, Fort Worth, Tex. Candy. 183,538; Sept. 18.
Pangburn Company, also doing business as Pangburn's, Fort Worth, Tex. Candy. 183,538; Dec. 11.
Panhard Oil Corporation, Carlstadt, N. J., and New York, N. Y. Lubricating oils and greases. 172,552; Apr. 3.
Panoulias, Panayiotis D., doing business as The American Chocolate Almond Co., Jersey City, N. J. Nonconstipating health chocolate food product. 164,449; Sept. 11.
Panther Rubber Manufacturing Company, Stoughton, Mass. Rubber heels. 173,780; Nov. 20.
Panther Rubber Manufacturing Company, Stoughton, Mass. Rubber soles and heels. 183,539; Nov. 27.
Paper Novelty Company, The, Green Bay, Wis. Package of paper napkins. 183,717; Oct. 2.
Paperbrella Corporation. (See Paperbrella Co., assignor.)
Paperbrella Co., The, New York, N. Y., assignor to Paperbrella Corporation. Umbrellas. 155,697; Feb. 6.
Papyrus Company, The, Kenilworth, N. J. Crêpe paper. 182,221; Sept. 18.
Paracide Co. (See Sharp, Lemuel J.)
Paradise Preparations. (See Asher, Mollie.)
Paraffine Companies, Inc., The, San Francisco, Calif. Composition for coating roofs. 161,450; Oct. 23.
Paraffine Companies, Inc., The, San Francisco, Calif. Folding boxes. 173,205; Feb. 20.
Paraffine Companies, The, San Francisco, Calif. Flat undercoat paint. 183,588; Sept. 18.
Paraffine Companies, The, San Francisco, Calif. Flat undercoat paint. 183,591; Sept. 18.
Paragon Cement Products Co., St. Louis, Mo. Cement products. 180,809; Oct. 23.
Paragon Hat Company, Chicago, Ill. Men's straw and felt hats. 164,665; Jan. 9.
Paralite Company, The, Cleveland, Ohio. Aluminum alloy. 160,150; Feb. 20.
Paramount Knitting Company, assignor to Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 172,292; Nov. 20.
Paramount Knitting Company, The, Chicago, Ill. Hosiery. 172,650; Aug. 28.
Paramount Lens Corporation. (See Tromba, Marius H.)
Paramount Paint & Varnish Co., Philadelphia, Pa. Ready-mixed paint. 175,208; Apr. 10.
Paramount Paint & Varnish Co., Philadelphia, Pa. White paint enamel. 175,209; Apr. 10.
Paramount Specialty Co. (See Reiss, Fred.)
Parch-O-Lite Co., Chicago, Ill. Electric lamps. 174,026; Nov. 20.
Pardoe, J. A., Co., Omaha, Nebr. Toasted pop corn. 173,671; Dec. 4.
Parfumerie Anthemys (S. A.), Cauderan, France. Dentifrices. 168,730; Dec. 11.
Parfumerie Caron. (See Daltroff, E., & Cie.)
Parfumerie Doré Inc., New York, N. Y. Face cream, face and hand lotion, perfumes, toilet water, hair tonics, etc. 168,486; Mar. 20.
Parfumerie Forest. (See Cohn, Leon.)
Parfumerie Lubin. (See Prot, Paul, & Cie.)
Parfumerie Pavane, New York, N. Y. Bath powders. 168,900; Mar. 20.
Parfumerie Roger & Gallet, Paris, France. Paste and powders for beautifying and preserving the teeth, skin, and hair, and perfumery. 171,866; June 5.
Parfumerie Roger & Gallet, Paris, France. Soaps, soap pastes, and soap powders. 171,867; June 12.
Parfumerie Roger et Gallet, Paris, France. Pastes and powders for beautifying and preserving the teeth, skin, and hair, and perfumery. 173,141; Mar. 20.
Parfumerie Roger & Gallet, Paris, France. Soaps, soap pastes and powders. 173,142; May 8.
Parfumerie Roger et Gallet, Paris, France. Soaps, soap pastes, and soap powder. 174,589; June 26.
Parfumerie Roger et Gallet, Paris, France. Paste and powders for beautifying and preserving the teeth, skin, and hair, and perfumery. 174,590; June 26.
Parfumerie Roger & Gallet, Paris, France. Pastes and powders for the teeth, skin, and hair, and perfumery. 186,443; Dec. 18.
Parfums De Grand Luxe, Inc., New York, N. Y. Face powder. 176,206–7; Mar. 27.
Parham-Lindsay Grocery Co., Chattanooga, Tenn. Wheat flour. 162,048; May 1.
Paris Upholstering Co., Chicago, Ill. Parlor chairs and sofas. 170,691; Feb. 27.
Parisian Specialty Co., Seattle, Wash. Facial packs. 171,382; June 19.
Paristyle Novelty Co. Inc., New York, N. Y. Hair nets. 172,684; Feb. 13.
Paristyle Novelty Co. Inc., New York, N. Y. Hair nets. 175,154; Mar. 20.
Park Chemical Company. (See Lodder, Andrew J.)
Park Mfg. Co. (See Cohane, Sylvester T.)
Park & Pollard Company, The, Boston, Mass. Publication issued on the full o' the moon. 180,985; Sept. 11.
Park & Tilford, New York, N. Y. Fruit (in jars), maraschino cherries, figs, dates, etc. 172,553; July 31.
Park & Tilford, New York, N. Y. Sweet cider, grape juice, grenadine sirup, etc. 173,003; Feb. 27.
Park & Tilford, New York, N. Y. Cream of tartar. 173,241; June 26.
Park & Tilford, New York, N. Y. Candies and chocolates. 182,438; Sept. 25.
Parke, Davis & Company, Detroit, Mich. Laxatives and cathartics. 170,503; Feb. 13.
Parke, Davis & Company, Detroit, Mich. Hypnotic and antispasmodic. 170,781; Aug. 21.
Parke, Davis & Company, Detroit, Mich. Nebulizers and syringes. 170,782; May 15.
Parke, Davis & Company, Detroit, Mich. Ointment for eczema and irritations of the skin. 173,903; May 8.
Parke, Davis & Company, Detroit, Mich. Anæsthetic cream. 174,632; May 1.
Parke, Davis & Company, Detroit, Mich. Antiseptic mouth wash and gargle. 174,633; May 1.
Parke, Davis & Company, Detroit, Mich. Preparation for treatment of cholelithiasis and allied conditions. 174,634; May 1.
Parke, Davis & Company, Detroit, Mich. Hypodermic solutions. 176,361; June 5.
Parke, Davis & Company, Detroit, Mich. Extract anterior lobe pituitary gland. 179,220; July 31.
Parke, Davis & Company, Detroit, Mich. Insecticide, antiseptic, and germicide. 181,306; Aug. 21.
Parke, Davis & Company, Detroit, Mich. Medicine for whooping cough, bronchitis, tuberculosis, etc. 181,612; Sept. 18.
Parke, Davis & Company, Detroit, Mich. Dentifrice, cold cream, vanishing skin cream, and skin lotion. 183,851; Dec. 18.
Parke, Davis & Company, Detroit, Mich. Alteratives. 184,180; Nov. 27.
Parke, Davis & Company, Detroit, Mich. Medicine for treatment of syphilis. 184,181; Nov. 27.
Parke, Davis & Company, Detroit, Mich. Antiseptics and germicides. 184,182; Nov. 27.
Parke, Davis & Company, Detroit, Mich. Immunizing agents. 186,151; Dec. 18.

Alphabetical list of trade-mark applicants—Continued.

Parker, Arthur, Cairo, Ill. Preparation for the treatment of kidneys and liver. 187,384; Dec. 25.
Parker-Bridget Company, Washington, D. C. Ladies' sport suits and coats. 159,720; May 1.
Parker-Bridget Company, Washington, D. C. Men's neckties. 169,818; May 29.
Parker-Bridget Company, Washington, D. C. Boys' suits. 171,508; July 10.
Parker-Bridget Company, Washington, D. C. Men's winter hats. 172,238; Apr. 24.
Parker-Bridget Company, Washington, D. C. Men's hose. 182,929; Oct. 16.
Parker Brothers, Portland, Me., and Salem, Mass. Board game played with movable pieces. 172,955; Apr. 10.
Parker Brothers, Portland, Me., and Salem, Mass. Parlor game played with cards. 174,330; Apr. 10.
Parker Brothers, Portland, Me., and Salem, Mass. Indoor table game played with cards and domino-shaped blocks 180,721; July 31.
Parker Brothers, Salem, Mass. Card games. 175,210; May 8.
Parker, C. W., Co., Inc., Des Moines, Iowa. Automobile polish and cleaner. 177,320; May 22.
Parker, Chas. V., Co., Harrisburg, Ill. Men's, women's, and children's suits, cloaks, overcoats, hats, caps, shoes, etc. 148,549; May 8.
Parker Pen Co. The, Janesville, Wis. Fountain pens and mechanical pencils. 164,827; Jan. 2.
Parker Products, Inc., Boston, Mass. Holders for razor blades during sharpening. 180,027; Aug. 14.
Parker, Roland T., New York, N. Y. Safety-razor-blade stropping holders. 167,924; Feb. 13.
Parker-Young Company, The, Boston, Mass. Folding tables. 185,983; Dec. 18.
Parks-Belk Company. (See Southern Commercial Company.)
Parks & Bohne, Inc., St. Louis, Mo. Automobile transmission bands. 176,645; June 26.
Parks-Cramer Company, Fitchburg, Mass. Humidity regulators. 182,482; Aug. 28.
Parks, G. M., Company, The, Fitchburg, Mass. Humidity regulators. 179,621; July 10.
Parks, Joseph W., doing business as Wopsy Poultry Yards, Altoona, Pa Live poultry and eggs. 166,092; Sept. 25
Parks & Parks, Inc., Troy, N. Y. Shoe brushes. 173,527; June 5.
Parks & Parks, Inc., Troy, N. Y. Shoe brushes. 173,528; Feb. 27.
Parks & Parks, Inc., Troy, N. Y. Shoe brushes. 173,529; June 5.
Parks & Parks, Inc., Troy, N. Y. Shoe daubers. 177,322; May 22.
Parkstone Laboratory. (See Graham, William A.)
Parkview Electric Company. (See Eckelkamp, John.)
Parkview Pharmacy. (See Smolinsky, Phillip.)
Parnibeck Chocolate Co., Inc., New York, N. Y. Chocolate candies. 175,515; May 15.
Parr, Joseph A., Manchester, N. H. Medicinal preparation for cough, sore throat, etc. 182,439; Oct. 16.
Parrett and Swank, North Manchester, Ind. Compound for the treatment of cancers. 171,548; June 26.
Parrish, Amos, New York, N. Y. Fashion publication issued twice a week. 169,923; Feb. 20.
Parrish, S. H., Company, Chicago, Ill. Drying liquid composition of matter for rendering paper transparent. 176,646; July 17.
Parrott, Herbert G., Chicago, Ill. Metal polish. 180,490; Sept. 25.
Parsons, Irving R., doing business as I. R. Parsons & Co., Chicago, Ill. Nail polish in powder form. 176,912; June 12.
Partola Distributing Company, New York, N. Y. Antiseptic laxative. 166,569; Jan. 2.
Partola Distributing Company, New York, N. Y. Antiseptic laxative. 167,532; Feb. 20.
Partridge, Singer & Baldwin, Inc., Wilmington, Del., and New York, N. Y. Automobile transmission. 160,300; Oct. 16.
Parvin, W. R., Co. (See Parvin, William R.)
Parvin, William R., doing business as W. R. Parvin Co., Ogden, Utah. Fresh deciduous fruits and fresh vegetables. 168,372; May 8.
Parvin, William R., doing business as W. R. Parvin Co., Ogden, Utah. Fresh deciduous fruits and fresh vegetables. 168,373; Feb. 20.
Paskocil, Catherine, Cleveland, Ohio. Metal cleaning and polishing powder. 173,296; Mar. 20.
Passaic Print Works, Passaic, N. J. Cotton piece goods. 156,412; Sept. 18.
Pastene, P. & Co., Inc., Boston, Mass. Canned peeled tomatoes, roasted peppers, and tomato sauce. 166,095; Jan. 16.
Pastene, P., & Co., Inc., Boston, Mass. Canned peeled tomatoes and tomato sauce. 178,278; June 19.
Patch, E. L., Company, The, Stoneham, Mass. Healing ointment for burns, boils, eruptions, irritation, skin humors, and itch. 171,100; Feb. 13.
Patch, E. L., Company, The, Stoneham, Mass. Skin lotion. 174,482; May 29.
Patchogue-Plymouth Mills Corporation, New York, N. Y. Nets, draperies, and curtains made of cotton. 169,924; May 8.
Patent Novelty Company, Fulton, Ill. Glare-shield attachment for automobile headlights. 176,208; Aug. 28.
Pateychuk, Wolter V., doing business as W. V. Patty, Altoona, Pa. Medicine for sore throat, influenza, etc. 173,206; Apr. 10.
Pathé-Cinéma, Anciens Établissements Pathé Frères, Paris, France. Cameras, cinematographic projecting lanterns, stereoscopes, etc. 158,442; Oct. 2.
Pathfinder Publishing Co., The, Washington, D. C. Weekly publication. 180,387; Aug. 21
Patjens, Wm. S., doing business as The Exterminating Engineers of America, New York, N. Y. Roach-exterminating poison. 180,773; Aug. 28.
Patrician Olive Oil Corp., New York, N. Y. Olive oil. 165,460; Feb. 13.
Patrick-Young Company, also doing business as Boyd Packing Company, Richmond, Va. Smoked hams and bacon. 179,677; July 31.
Patrycki, Thomas, Hawkins, Wis. Lightning arrester. 175,884; May 8.
Patton, John G., doing business as Cafe L'Aiglon, Philadelphia, Pa. Raw and cooked oysters, and clams, cooked lobsters, scallops, etc. 101,176; June 5.
Patty, W. V. (See Pateychuk, Wolter V.)
Paul B. (See Balme, Paul.)
Paul, Israel, doing business as Russpharmaco Products Co., Philadelphia, Pa. Medicine for the treatment of the blood and stomach. 167,533; Apr. 3.
Paulero, Alfonso M., Baltimore, Md. Malt and hops compound for beverage purposes. 171,942; Jan. 30.
Pauli, Hans, Des Moines, Iowa. Advertising pamphlets, circulars, bulletins, and supplements. 170,078; Jan. 30.
Paulson, Anna, New York, N. Y. Candies, pastries, breads, and cakes. 170,538; Sept. 18.
Paulson, Arthur, New York, N. Y. Steel filing cabinet. 163,765; Jan. 2.
Paulus, Richard, Freiburg, Germany. Preparation for cleaning stringed instruments. 185,146; Dec. 11.
Pavich, Gregory A., Kenosha, Wis. Medicine for rheumatism, diseases of nerves, arteries, etc. 168,138; Jan. 2.
Pavich, Gregory A., Kenosha, Wis. Medicine for headache and dizziness, watering eyes and eye catarrh, etc. 168,139–40; Jan. 2.
Pavitchich, Steve, Woodriver, Ill. Drain valves. 170,208; Jan. 23.
Paxton and Gallagher Co., Omaha, Nebr. Candy. 165,410; Feb. 20.
Paxtonic Blood Food Co., Inc., Birmingham, Ala. Preparation for the treatment of rheumatism, paralysis, pneumonia, etc. 172,760; Mar. 6.
Paxtonic Blood Food Co. Inc., Birmingham, Ala. Preparation for the blood. 174,798; Oct. 30.
Paz, C. Barletta, New Orleans, La. Nerve tonic. 151,019; Feb. 20.
Peacock, William F., doing business as The United Food Products Company, Portland, Me. Food-flavoring extracts. 167,735; Feb. 27.
Peacock, William F., doing business as The United Food Products Company, Portland, Me. Food-flavoring extracts. 167,886; Feb. 27.
Peak, William C., Chicago, Ill. Phonograph records. 170,209; June 26.
Peak, William C., Chicago, Ill. Series of books in a course of dancing instructions. 170,210; Nov. 13.
Peanut Growers Association, Norfolk, Va. Peanuts, salted peanuts, peanut butter, oil, and meal. 173,004; July 31.
Pearce, C. R., Company, Pittsburgh, Pa. Candy, confections, and candy-coated fruits. 168,938–9; Jan. 30.
Pearce, C. R., Company, The, Pittsburgh, Pa. Candy confections and sugar-coated fruits. 173,143–4; Apr. 17.
Peart, Harold A., doing business as Sprague & Carleton, Keene, N. H. Porch chairs, porch rockers, and settees. 158,645–6; May 15.
Pease & Dwyer Co., Memphis, Tenn. Cattle and poultry feed. 156,058; Nov. 13.
Pease, P. L., & Company, Inc., Lancaster, N. Y. Blotter pads, ink wells, envelope racks, etc. 180,941; Nov. 6.
Peaslee-Gaulbert Co., Louisville, Ky. Varnish stains and paint enamel. 179,882; July 3.
Peck, Elbert C., Los Angeles, Calif. Dry, paste, and ready-mixed paints, oil colors, varnish, etc. 183,499; Oct. 2.
Peck & Sterba, New York, N. Y. Medical preparations for leucorrhea, cervical catarrh, etc. 178,405; Aug. 28.
Peck, Stow & Wilcox Co., The, Southington, Conn. Pliers. 172,613; Feb. 27.
Peckham Candy Factory. (See National Candy Company.)
Pecto Products Co., Canton, Ohio. Concentrated fruit jelly base. 169,183; Mar. 6.
Pedersen, Johannes T., New York, N. Y. Coffee-bag supports as used in coffee urns. 172,432; Apr. 10.
Pedigreed Products Corporation, Elmira, N. Y. Nuts and peanut butter. 176,647; Sept. 18.
Pedigreed Products Corporation, Elmira, N. Y. Nuts, salted nuts, granulated nuts, and peanut butter. 176,648; Sept. 11.
Pedigreed Seed Company, Hartsville, S. C. Farm and garden seeds. 167,890; Feb. 20.

Pee-Chee Cleaner Manufacturing Company, The, Cleveland, Ohio. Shoe enamels, shoe polishes, shoe-cleaning compositions, also cleaning compositions for silver and gold. 170,033; Feb. 6.
Peek, Frean and Company, Limited, London, England. Confectionery. 168,937; Dec. 4.
Peerless Chemical Co. (See Israel, Daniel G.)
Peerless Confection Company, Chicago, Ill. Candies. 169,604; Aug. 7.
Peerless Confection Company, Chicago, Ill. Candies. 169,605; July 24.
Peerless Cotton Mills, Thomaston, Ga. Sheets, sheeting, pillowcases, etc. 182,989; Dec. 4.
Peerless Cotton Mills, Thomaston, Ga. Sheets, sheeting, pillowcases, etc. 182,991; Dec. 4.
Peerless Finishing Co. Inc., Los Angeles, Calif. Transparent gum filler. 150,928; Oct. 30.
Peerless Food Products Co. Inc., Long Island City, N. Y. Preserved cucumbers. 176,362; May 22.
Peerless Mfg. Co., The, Norristown, Pa. Toilet paper. 179,678–9; July 10.
Peerless Motor Car Company, Cleveland, Ohio. Motor cars. 174,483; Aug. 28.
Peerless Paper Company, The, Dayton, Ohio. Bond paper. 171,653; May 8.
Peggy Page Candy Co. (See Block, Isaac E.)
Peggy's Health Food Company, Butte, Mont. Cereal. 164,829; Jan. 30.
Pelican Bay Lumber Company, Klamath Falls, Oreg. Lumber, laths, molding, sidings. 180,078; Sept. 4.
Pelican Bay Lumber Company, Klamath Falls, Oreg. Lumber, laths, moldings, sidings. 180,079; Oct. 23.
Pelican Bay Lumber Company, Klamath Falls, Oreg. Box shooks. 184,361–2; Oct. 16.
Peltz, Bohrman, Furse, Inc., New York, N. Y. Umbrellas. 173,979; May 22.
Penberthy Injector Company, Detroit, Mich. Vaporizing devices for engines. 146,182; Jan. 2.
Penberthy Injector Company, Detroit, Mich. Pumps, atomizers, carburetors, etc. 161,061; Dec. 11.
Pence, Harry E., doing business as Lincoln Steel Products Company, Minneapolis, Minn. Pistons, piston pins, and shafts for automobile motors, etc. 166.849–50; Jan. 2.
Pendale Woolen Mills, New York, N. Y. Woolen piece goods. 183,161; Aug. 28.
Pendle & Rivett Limited, London, England. Cloth and stuffs of wool and worsted. 180,549; July 10.
Penick & Ford, Ltd., Incorporated, New Orleans, La. Molasses. 170,692; Mar. 27.
Peninsular Honey Producers, Rudyard, Mich. Comb and extracted honey. 171,194; Dec. 4.
Peninsular Paint & Varnish Company, Hamtramck, Mich. Brushes. 182,992; Nov. 20.
Peninsular Paper Company, Ypsilanti, Mich. Cover paper. 172,345–7; Jan. 16.
Peninsular Paper Company, Ypsilanti, Mich. Cover paper. 172,554; Mar. 20.
Peninsular Paper Company, Ypsilanti, Mich. Book paper. 172,555; Apr. 10.
Peninsular Paper Company, Ypsilanti, Mich. Cover paper. 178,279; Aug. 21.
Peninsular Paper Company, Ypsilanti, Mich. Cover paper. 183,939; Oct. 16.
Penn Paste Milling Company, Wilkes-Barre, Pa. Dry pastes. 160,255; Apr. 10.
Penn Paste Milling Company, Wilkes-Barre, Pa. Wall sizes. 176,689; Apr. 10.
Penn Paste Milling Company, Wilkes-Barre, Pa. Dry pastes. 176,690–1; Apr. 10.
Penn Tobacco Company, Wilkes-Barre, Pa. Cigarettes. 174,702; Apr. 10.
Penney, J. C., Company, Salt Lake City, Utah, and New York, N. Y. Children's ready-to-wear clothing—namely, overall combination suits. 166,258; Jan. 2.
Penney, J. C., Company, Salt Lake City, Utah, and New York, N. Y. Men's garters. 166,710; Mar. 27.
Penney, J. C., Company, Salt Lake City, Utah, and New York, N. Y. Cotton piece goods. 172,556; Feb. 27.
Penney, J. C., Company, Salt Lake City, Utah, and New York, N. Y. Men's hats. 176,759; May 22.
Penney, J. C., Company, Salt Lake City, Utah, and New York, N. Y. Men's and boys' caps. 176,760; May 22.
Penney, J. C., Company, Salt Lake City, Utah, and New York, N. Y. Women's hair nets. 180,491; July 10.
Penney, J. C., Company, Salt Lake City, Utah, and New York, N. Y. Men's and boys' ready-to-wear clothing. 182,483; Nov. 27.
Penney, J. C., Company, Salt Lake City, Utah, and New York, N. Y. Men's and boys' overalls. 183,405; Nov. 6.
Penney, J. C., Company, Salt Lake City, Utah, and New York, N. Y. Pillowcases. 185,671; Nov. 13.
Penny, J. C., Company, Salt Lake City, Utah, and New York, N. Y. Cotton piece goods. 175,023; Mar. 27.
Pennsylvania Coal & Coke Corporation, Philadelphia, Pa., and New York, N. Y. Coal and coke. 171,384; Feb. 13.
Pennsylvania Coal & Coke Corporation, Philadelphia, Pa., and New York, N. Y. Coal and coke. 171,386; Feb. 13.
Pennsylvania Lubricating Company, Pittsburgh, Pa. Lubricating oils and greases. 178,566; July 31.
Pennsylvania Pump & Compressor Co., Easton, Pa. Compressors and pumps and attachments therefor. 166,906; Jan. 2.
Pennsylvania Range Boiler Co., Philadelphia, Pa. Range boilers. 182,484; Oct. 23.
Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Lye. 176,094; Sept. 18.
Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Lye. 176,095–7; July 10.
Pennsylvania Silverware Company, Kane Borough, Pa. Soda-fountain cooling and dispensing outfits. 175,267; Dec. 25.
Pennsylvania Soap Company of Lancaster, Pa., Lancaster, Pa. Soaps. 170,728; Apr. 24.
Pennsylvania Soap Company of Lancester, Pa., Lancaster, Pa. Soaps. 176,277; June 12.
Pennsylvania Textile Mills, Inc., Glen Riddle, Pa., and New York, N. Y. Pile fabrics in the piece. 181,307; Aug. 7.
Pennsylvania Textile Mills, Inc., Glen Riddle, Pa., and New York, N. Y. Garments for women. 181,862; Oct. 2.
Pennsylvania Wire Glass Company, Philadelphia, Pa. Sheet glass. 170,596; Jan. 30.
Penny, J. C., Company, Salt Lake City, Utah, and New York, N. Y. Cotton piece goods, sheets, and pillowcases. 175,022; Mar. 27.
Penton Publishing Company, The, Cleveland, Ohio. Magazine published weekly. 171,281; May 1.
Penton Publishing Company, The, Cleveland, Ohio. Monthly marine periodical. 182,058; Sept. 25.
Pentucket Novelty Company. (See Pickett, Charles E.)
People's Fuel & Supply Co., Chicago, Ill. Ice cream. 159,176; June 26.
Peoples Drug Stores, Inc., Washington, D. C. Cigars. 157,690; Apr. 3.
Peoples Savings & Trust Co., administrator. (See Estate of J. M. Fey.)
Peppers, Thomas H., Los Angeles, Calif. Cantaloupes, fresh citrous fruits, and fresh grapes. 162,948; May 15.
Peppers, Thomas H., Los Angeles, Calif. Fresh cantaloupes. 162,949; Apr. 3.
Pepple, D., and Co., Bainbridge, Ohio. Face lotion. 174,669; May 15.
Pepsin Syrup Co., Monticello, Ill. Preparation for the treatment of digestive disorders. 184,148; Oct. 23.
Pep-So Beverage Company. (See Jones, John P.)
Perceval, C., New York, N. Y. Lard, vinegar, olives, pickles, sauerkraut, olive oil, etc. 169,819; May 1.
Perceval, C., New York, N. Y. Cheese and mincemeat. 169,820; Feb. 27.
Perceval, C., New York, N. Y. Cheeses. 169,821; Feb. 27.
Perceval, C., New York, N. Y. Olive oil. 176,913; July 3.
Perceval, C., New York, N. Y. Canned okra. 177,047; July 3.
Perceval, C., New York, N. Y. Candy. 177,048; July 24.
Perceval, C., New York, N. Y. Capers, vinegar, olives, pickles, lard, etc. 177,049; Sept. 11.
Perceval, C., New York, N. Y. Cheese. 178,865; Nov. 20.
Perelstine, Morris S., Pittsburgh, Pa. Shoes. 167,893; Dec. 4.
Pérez, Bernardo, Mexico, Mexico. Medicinal preparation for the treatment of rheumatism. 147,307; Mar. 6.
Perez, Marcelino, & Company, New York, N. Y. Cigars. 184,681–3; Nov. 20.
Perfect Stove & Manufacturing Co., Belleville, Ill. Coal and gas stoves and ranges. 175,732; Sept. 4.
Perfection Bed Spring Company. (See Lindsley, Benjamin F., assignor.)
Perfection Biscuit Company, Ft. Wayne, Ind. Biscuits. 171,950; Mar. 20.
Perfection Cap Company, Incorporated, Seattle, Wash. Men's, women's, and children's hats and caps. 172,349; May 1.
Perfection Garment Company, Martinsburg, W. Va. House dresses and aprons. 176,692; Aug. 7.
Perfection Products Company, New York, N. Y. Cereal food product. 177,989; Nov. 20.
Perfection Rubber Company, The, Cleveland, Ohio. Rubber dolls. 184,363; Oct. 16.
Perfecto Gear Differential Co., Bellingham, Wash. Variable-speed axles for motor-driven vehicles and parts of such axles. 148,296; Mar. 27.
Perfumeria Floralia, S. A., Madrid, Spain. Liquid preparation to offset the odors of perspiration. 144,939; Nov. 6.
Perfumeria Gal, Sociedad Anonima, Madrid, Spain. Toilet powders and handkerchief extracts. 169,418; Apr. 17.
Periodical Publishing Company, Grand Rapids, Mich. Quarterly publication. 177,403; May 22.
Perkins & Butler, Inc., Worcester, Mass. Toilet paper. 177,990; May 29.
Perkins, Charles B., Co., Boston, Mass. Smoking tobacco. 173,980; Apr. 10.
Perkins Marine Lamp Corporation, New York and Brooklyn, N. Y. Lamps, lanterns, etc. 139,369; May 22.
Perkins Products Co., Hastings, Nebr. Toilet and medicinal preparations. 165,411; Jan. 30.

Alphabetical list of trade-mark applicants—Continued.

Perkins, Robert F., Framingham Center, Mass. Fresh apples, fresh potatoes, fresh cream, cattle. 160,721; Jan. 30.
Perkins, William, doing business as Midland Creamery Co., St. Louis, Mo. Butter. 174,027; June 5.
Perlmann, Louis. (See Friedrich, Johannes.)
Perlmon, Sol, doing business as Detroit Celery and Produce Company, Detroit, Mich. Fresh vegetables. 170,597; June 5.
Perman's Gowns, Inc., New York, N. Y. Ladies' wraps and gowns. 185,376; Nov. 6.
Pernetti, B. Co. (See Pernetti, Biagio.)
Pernetti, Biagio, doing business as B. Pernetti Co., Los Angeles, Calif. Candied citrus fruits. 165,707; Jan. 2.
Perolin Fabrikationsgesellschaft m. b. H., Vienna, Austria. Ethereal oils and essences for deodorizing and purifying the air. 146,780; Apr. 10.
Perper, Dalton E., New York, N. Y. Ladies' and misses' dresses. 182,835; Sept. 11.
Perrin, V., & Cie., Grenoble, France; London, England; and New York, N. Y. Fabric gloves. 170,539; Feb. 20.
Perrotti, Mario T., doing business as Perrotti Drug Company, Providence, R. I. Preparation for the treatment of corns. 181,216; Sept. 18.
Perry, A. J., and Co., Dunlaw, W. Va. Medicinal preparation for the treatment of stomach and bowel troubles, coughs, etc. 177,242; Aug. 7.
Perry, David, Dallas, Tex. Oil burners. 154,458; Jan. 9.
Perry, Desjardins & Temple Co., The, assignor to The Skylark Radio Company, Cincinnati, Ohio. Radio receiving sets, parts thereof, antennæ and parts thereof, head phones, etc. 167,999; Feb. 6.
Perry, Desjardins & Temple Co., assignor to The Skylark Radio Company, Cincinnati, Ohio. Radio receiving sets and antennæ and parts thereof, head phones, etc. 168,000; Jan. 23.
Perth Amboy Chemical Works, Perth Amboy, N. J., and New York, N. Y. Formaldehyde. 181,410; Oct. 23.
Pesci, Alfonso J., Chicago, Ill. Furniture and automobile polish. 169,776; Oct. 23.
Pestine Chemical Co. (See Klebanoff, David.)
Peter Cailler Kohler Swiss Chocolates Co., Inc., New York, N. Y. Milk-chocolate coating for candy. 160,868; Mar. 13.
Peter Company, The, Houston, Tex. Eggs, butter, poultry, and pecans. 172,434; May 8.
Peter Rabbit Stores, Chicago, Ill. Pepper. 167,926; May 15.
Peterkin Company, The, Baltimore, Md. Candies. 174,485; July 17.
Peters, Albert T., doing business as Vitamineral Products Co., Peoria, Ill. Cattle, swine, dairy and poultry feed. 161,200; July 31.
Peters Brothers Rubber Co., Inc., New York, N. Y. Backing or reenforcing cotton cloth and white shoe cloth in the piece. 167,098; Sept. 25.
Peters, M. C., Mill Co., Omaha, Nebr. Stock and poultry feed. 149,929; Jan. 30.
Peters, M. C., Mill Co., Omaha, Nebr. Poultry feeds. 177,991; Aug. 21.
Peters, M. C., Mill Co., Omaha, Nebr. Poultry feeds. 177,993; Aug. 21.
Peters Manufacturing Company, Boston, Mass. Shoe fabrics. 176,209; Apr. 10.
Peters, William H., doing business as The Red-Ot Company, Providence, R. I. Medicinal preparation. 180,722; Aug. 14.
Petersen, Paul W., Chicago, Ill. Refrigerated comestibles—namely, frozen fish. 167,421; May 1.
Petersen & Pegau Baking Co., Omaha, Nebr. Bread. 185,985; Dec. 25.
Petersen's, J. H. C., Sons Company, Davenport, Iowa. Children's play suits, wash suits, and boys' knickerbockers, blouses, and shirts. 153,367; Jan. 2.
Peterson, Chas., Duluth, Minn. Insecticide. 172,761; Mar. 20.
Peterson Paper Company, The, Davenport, Iowa. Toilet paper. 176,501; May 22.
Petrich, Mike G., Cleveland, Ohio. Preparation for the treatment of cancer. 171,187; June 26.
Petrich, Paul, doing business as Cornado Fish Co., San Diego, Calif. Canned fish. 174,150; June 26.
Petrie, William K., Dundee, Scotland. Floor polish. 166,091; Sept. 18.
Petrocelli, Joseph, & Co., Inc., New York, N. Y. Olive oil. 169,181; Sept. 25.
Petrocelli, Joseph, & Co., Inc., New York, N. Y. Canned tomato sauce. 169,182; Mar. 27.
Petroleum Export Corporation, Los Angeles, Calif. Gasoline, kerosene, lubricating oil, and gas oil. 176,210; Apr. 10.
Petroleum Export Corporation, Los Angeles, Calif. Kerosene, gasoline, and lubricating oil. 176,211; Apr. 10.
Petroleum Products Co., San Francisco, Calif. Lubricating oils and greases, gasoline, motor spirit, etc. 173,904; Apr 17.
Petroleum Publishing Company, Fort Worth, Tex. Weekly periodical. 176,278; May 22.
Petroleum Service Corporation, Minneapolis, Minn. Liquid fuel. 170,753; Sept. 4.
Petroleum Soap Company. (See Haskins Brothers & Company.)
Petros, George J., Omaha, Nebr. Liquid for preserving curls and Marcel wave in the hair. 184,039; Nov. 27.
Pettitt & Bickford Company, Wayzata, Minn. Lever casings for bottoms of automobile bodies. 173,981; June 12.
Peyton Packing Company, Charleston, W. Va., and El Paso, Tex. Breakfast bacon and picnics. 175,625; June 19.
Peyton, W. P., Fruit Co., Los Angeles, Calif. Fresh citrous fruit and fresh grapefruit. 177,863; Aug. 14.
Pfaffmann Egg Noodle Company, The, Cleveland, Ohio. Noodles, vermicelli, and similar paste products. 160,633; Nov. 13.
Pfaltz & Bauer, Inc., New York, N. Y. Yarns, silks, and threads. 181,773; Aug. 21.
Pfau's American Instrument Co., New York, N. Y. Medical and surgical appliances. 175,024; May 15.
Pfeffer Milling Company, Lebanon, Ill. Wheat flour. 165,032; Jan. 2.
Pfeffer Milling Company, Lebanon, Ill. Wheat flour. 170,080; Feb. 27.
Pfeiffer, Frederick, St. Louis, Mo. Foot-arch supports. 179,819; Oct. 23.
Pfeiffer, Frederick & Co., Inc., New York, N. Y. Syringes. 172,685; Feb. 20.
Pfeiffer, S., Mfg. Co., St. Louis, Mo. Medicinal preparation for the treating of croup, colds, and inflammation. 173,207; Mar. 27.
Pfund Nursery Co., Oak Park, Ill. Nursery products. 174,028; Apr. 24.
Pfyffer, Siegfried, Zurich, Switzerland. Metallic soldering alloys. 173,053; Apr. 17.
Pharaoh Drapery Company. (See Neugass, Otto L.)
Pharis Tire & Rubber Co., The, Newark, Ohio. Tires. 169,263; Mar. 13.
Phelps, Phoebe, Caramel Co., Boston, Mass. Caramels. 177,243; July 3.
Phelps, Walter H., doing business as The Criterion Laboratories, Portsmouth, Ohio. Cleaning and polishing materials for furniture, etc. 175,369; Oct. 30.
Phenix Cheese Co., New York, N. Y. Cheese. 172,392; July 24.
Phenix Packing Co. (See Rosenberg, Samuel.)
Pheno-Bane Products Co., Sand Springs, Okla., and St. Louis, Mo. Disinfectants, deodorants, cleaners, etc. 183,720; Dec. 4.
Pheno-Bane Products Company, Sand Springs, Okla., and St. Louis, Mo. Insecticide. 186,153; Dec. 18.
Pheno-Lyptol Co., The, Toyah, Tex. Ointment for the treatment of catarrh, colds, burns, etc. 174,635; Dec. 18.
Philadelphia Bottling Co. (See Kane, Thomas B.)
Philadelphia Carpet Company, Philadelphia, Pa. Wilton carpets. 166,604; Mar. 20.
Philadelphia Paper Manufacturing Company, Philadelphia and Manayunk, Pa. Paper board. 174,855; June 19.
Philadelphia Quartz Company, Philadelphia, Pa. Sodium silicate. 158,727; June 26.
Philadelphia Quartz Company, Philadelphia, Pa. Publications and printed literature. 158,728; July 3.
Philadelphia Rug Mills, Inc., Philadelphia, Pa. Wool rugs. 171,549; Feb. 20.
Philadelphia Storage Battery Co., Philadelphia, Pa. Batteries and battery parts and supplies. 177,617; July 10.
Philadelphia Storage Battery Co., Philadelphia, Pa. Electrolytes. 180,942; Oct. 23.
Philip Morris & Co. Ltd., New York, N. Y. Cigarettes. 179,416; June 12.
Philippe, Louis, Inc., New York, N. Y. Tooth paste and tooth powder. 170,153; Jan. 30.
Philippe, Louis, New York, N. Y. Hair tonic. 170,541; Feb. 20.
Philippe, Louis, New York, N. Y. Massage for the face and body. 170,542; Apr. 10.
Philippe, Louis, Inc., New York, N. Y. Rouge, powder, and rouge compacts, brilliantines, etc. 173,105; June 26.
Philippe, Louis, New York, N. Y. Perfumes, toilet waters, face powders, face creams, and rouge. 184,095; Dec. 18.
Philippe, Louis, New York, N. Y. Perfumes, toilet water, face powders, etc. 184,096; Nov. 27.
Philippe, Louis, New York, N. Y. Liquid massage. 184,260; Dec. 18.
Philipps Aktien-Gesellschaft, Frankfort on the Main, Germany. Orchestrions, pianos, organs, etc. 135,212; May 29.
Philipps Aktien-Gesellschaft, Frankfort-on-the-Main, Germany. Electrical lamps, electromotors, dynamos, etc. 150,286; Apr. 3.
Philipps Aktien-Gesellschaft, Frankfort-on-the-Main, Germany. Boxes for music-note-roll ribbons and music note sheets. 150,287; Oct. 23.
Philips, Ralph S., New York, N. Y. Underwear of textile material for women and girls. 174,750; June 26.
Philipsborn's Inc., Chicago, Ill. Fur coats, scarfs, muffs, chokers, and dolmans. 171,036; May 15.
Philipsborn's, Inc., Chicago, Ill. Young men's suits and overcoats. 175,155; Aug. 7.

Phillips, Charles H., Chemical Co., The, Glenbrook, Conn., and New York, N. Y. Preparations of magnesia, preparations of cod-liver oil, and tonic medicines. 178,463; Sept. 11.

Phillips, Charles H., Chemical Co., The, Glenbrook, Conn., and New York, N. Y. Cocoa and chocolate. 178,464–5; Sept. 11.

Phillips, Charles H., Chemical Co., The, Glenbrook, Conn., and New York, N. Y. Preparations of magnesia, preparations of cod-liver oil, and tonic medicines. 178,466; Sept. 11.

Phillips & Company, Inc., doing business as Maine Seed Potato Growers, Boston, Mass. Table potatoes. 185,643; Dec. 11.

Phillips & Company, Inc., doing business as Maine Seed Potato Growers, Boston, Mass. Seed potatoes. 185,644–5; Dec. 11.

Phillips & Company, Inc., doing business as Maine Seed Potato Growers, Boston, Mass. Table potatoes. 185,646; Dec. 11.

Phillips & Hart, Jacksonville, Fla. Hosiery. 173,297; May 29.

Phillips-Jones Corporation, New York, N. Y. Collars. 167,263; Jan. 30.

Phillips-Jones Corporation, New York, N. Y. Dress, negligee, and work shirts, collars, cuffs, pyjamas, and nightshirts. 167,781; Jan. 23.

Phillips-Jones Corporation, New York, N. Y. Neckbands 167,782; Jan. 9.

Phillips-Jones Corporation, New York, N. Y. Dress, negligee, and work shirts, collars, pyjamas, and nightshirts. 169,033; Mar. 20.

Phillips-Jones Corporation, New York, N. Y. Shirts, nightshirts, pyjamas, and boys' blouses. 173,145; May 22.

Phillips-Jones Corporation, New York, N. Y. Shirts, boys' blouses, and pyjamas. 183,121; Nov. 27.

Phillips-Jones Corporation, New York, N. Y. Shirts, blouses, and pyjamas. 183,122; Sept. 11.

Phillips, Leo F., & Co., New York, N. Y. Beads and bead trimming. 165,599; July 3.

Phillips, Manning, doing business as I. & M. Phillips, New York, N. Y. Women's shirts, trousers, and jackets. 157,581; Apr. 24.

Phillips & Slack, Inc., Northfield, Vt. Monumental blocks of granite. 182,548; Sept. 4.

Phillips, Thomas A., Dayton, Ohio. Monthly magazine. 184,149; Nov. 6.

Philsbern Products Co. (See Bern, Philip S.)

Phinney-Walker Company, New York, N. Y. Clocks. 185,613–14; Oct. 30.

Phoenix Drug Store. (See Allen, Samuel L.)

Phoenix Flour Mill, Evansville, Ind. Wheat flour. 176,914; Aug. 14.

Phoenix Ice Machine Co., The, Cleveland, Ohio. Ice and refrigerating machinery, ammonia compressors, receivers, and condensers, etc. 170,785; May 22.

Phoenix Leather Goods Co., New York, N. Y. Leather goods and leather novelties. 186,445; Dec. 11.

Phospho-Albumen Company, Inc., The, Newburgh, N. Y. Pharmaceutical preparation for strengthening the genital glands, etc. 173,005; Mar. 6.

Phospho-Albumen Company, Incorporated, The, Newburgh, N. Y. Pharmaceutical preparations for the treatment of nervous diseases, etc. 173,146; Mar. 13.

Phospho-Albumen Company, Inc., The, Newburgh, N. Y. Pharmaceutical preparation. 174,258; Apr. 24.

Phospho Food Co., Inc., Los Angeles, Calif. Breakfast cereal. 164,950; Jan. 2.

Phospho Food Co. Inc., Los Angeles, Calif. Breakfast cereal and remedial food. 165,716; Dec. 11.

Phospho Food Co. Inc., Los Angeles, Calif. Breakfast cereal. 165,717; Jan. 30.

Photodramatist Publishing Company, Hollywood, Calif. Monthly magazine. 179,550; Nov. 20.

Photoplating Company, The, Minneapolis, Minn. Designs and photographs on glass, etc. 166,535; Dec. 25.

Photoplating Company, The, Minneapolis, Minn. Designs and photographs on glass and metals. 166,536; Dec. 18.

Photoplay Publishing Company, Chicago, Ill., and New York, N. Y. Monthly publication. 177,404; Nov. 6.

Physicians Electronic Supply Co., Los Angeles, Calif. Electrical appliances and attachments thereto. 184,622; Nov. 13.

Physician's Radiopathic Company, Los Angeles, Calif. Radioactive pads for surgical or medical use. 162,265; Jan. 9.

PhysiKurate Limited, London, England. Preparation for the treatment of uric-acid complaints. 167,712; Jan. 2.

Physio-Chemical Laboratories, Inc., Salt Lake City, Utah. Granular effervescing salt compound. 173,672; Dec. 18.

Physiological Products Proprietary, Sydney, New South Wales, Australia. Medicine for the treatment of diseases of the internal secreting glands. 179,221; Nov. 6.

Piatt, John F., doing business as Jack's Products Company, Cape Girardeau, Mo. Penetrating lubricating oils. 155,069; Nov. 27.

Picard, Henri, New York, N. Y. Hats and caps. 160,428–9; July 31.

Pickaninny Company, The, Baltimore, Md. Emulsion of pure olive oil and raisin juice. 182,223; Oct. 16.

Pickett, Charles E., doing business as Pentucket Novelty Company, Haverhill, Mass. Toy carts, coasters, wheelbarrows, scooters, and wagons. 177,196; Oct. 23.

Pickett, John C., doing business as John C. Pickett & Co., Somerville, Mass. Facial clay, cleansing and tissue crème. 183,083; Nov. 13.

Pickup, Harry, doing business as Harpic Manufacturing Co., London, England. Lavatory cleanser. 174,259; May 15.

Picot, Jules, assignor to Societe Anonyme de la Lessive Phenix Etablissements J. Picot, Paris, France. Lye products. 180,774; Dec. 4.

Pictogram Company, The. (See Talman, Charles F.)

Pictorial Review Company, The, New York, N. Y. Dress patterns. 174,526; May 22.

Pidgeon, C. T., Millinery Co., Fort Wayne, Ind. Hats for women. 175,103; May 22.

Pied Pipers of America, New York, N. Y. Roach-exterminating poison. 166,903; Jan. 30.

Pieper, O. R., Co., Milwaukee, Wis. Wheat, pancake, buckwheat, and rye flours. 168,784; Jan. 16.

Pierce-Arrow Motor Car Company, The, Buffalo, N. Y. Signal electric lamps for automotive vehicles. 179,739; May 29.

Pierce Company, The, East Rochester, N. Y. Oils for treating artificial and real leather. 169,224; Jan. 2.

Pierce Governor Company, The, Anderson, Ind. Device used in connection with internal-combustion engines for stopping the same. 169,321; Feb. 13.

Pierce, James H., Bay City, Mich. Motor trucks. 138,098; Mar. 27.

Pierce, S. S., Co., Boston, Mass. Canned fruits and vegetables. 177,995; July 10.

Pierce, S. S., Co., Boston, Mass. Fruit sirups for soft drinks. 181,041; Dec. 4.

Pierce, S. S., Co., Boston, Mass. Cigars. 183,043; Sept. 11.

Pierini, Attilio, New York, N. Y. Furs and pelts. 163,173; Aug. 7.

Pierini, Attilio, doing business as Great Northern Fur Dyeing and Dressing Company, Brooklyn, N. Y. Fur skins and pelts imitating seal. 171,387; Mar. 13.

Pierini, Attilio, doing business as Great Northern Fur Dyeing and Dressing Company, Brooklyn, N. Y. Raw fur, skins, and pelts. 171,388; Mar. 13.

Pierini, Attilio, doing business as Great Northern Fur Dyeing and Dressing Company, Brooklyn, N. Y. Skins and pelts. 178,768; Oct. 16.

Pietzuch Wonder Arch Guide Heel Company, The, Cincinnati, Ohio. Heels made of rubber or analogous material. 143,996; Sept. 18.

Pike, Frederick M., doing business as Mount Mansfield Maple Mrechants, Stowe, Vt. Maple sugar. 179,883; Oct. 16.

Pike-Lite Company, The, Newaygo, Mich. Electric lights for motor vehicles. 170,079; Jan. 9.

Pike Manufacturing Company, Pike and Littleton, N. H.; Evansville, Vt.; New York, N. Y.; Orleans, Ind.; and Hot Springs, Ark. Oilstones, scythestones, whetstones, ax stones, oil and water stones, etc. 173,362; Apr. 24.

Pike Manufacturing Company, Pike and Littleton, N. H.; Evansville, Vt.; New York, N. Y.; Orleans, Ind., and Hot Springs, Ark. Oilstones, scythestones, whetstones, ax stones, water stones, hones, strops, etc. 173,783; Apr. 24.

Pilcher, Albert S., New Orleans, La. Piano polish. 170,504; Feb. 13.

Pilger, Herbert, Plainview, Nebr. Fly-chasing attachments to be attached to screen doors. 172,012; May 15.

Pillsbury Flour Mills Company, Minneapolis, Minn. Flour made from wheat. 173,377; Aug. 7.

Pillsbury Flour Mills Company, Minneapolis, Minn. Wheat flour. 173,379; Nov. 6.

Pillsbury Flour Mills Company, Minneapolis, Minn. Flour made from wheat. 174,334; June 5.

Pillsbury Flour Mills Company, Minneapolis, Minn. Flour made from wheat. 182,993; Dec. 25.

Pilsner Products Co., Inc., Brooklyn, N. Y. Malt-extract sirup for beverage purposes. 169,420; Jan. 2.

Pincus & Otto, Hamburg, Germany. Gloves. 164,001; Aug. 14, 1923.

Pincus & Tobias, Inc., Brooklyn, N. Y. Leather shoes. 184,917; Nov. 27.

Pinene Chemical Company. (See Hubble, James G., assignor.)

Pine-O Chemical Company. (See Boyd, A. C.)

Pine Ridge Coal Company, Detroit, Mich. Semibituminous coal. 185,310; Dec. 4.

Pine Tree Shirt Co., New York, N. Y. Dress and negligee shirts and pyjamas. 176,034; Aug. 14.

Pinkham Vulcan Compound Co. Inc., Brooklyn, N. Y. Chemical compound for normalizing steel, etc. 165,811; Jan. 9.

Pinkus, Max, doing business as John Price & Co., Philadelphia, Pa. Bottled mustard, preserved fruits, jellies, etc. 175,733; Nov. 6.

Pinkus, Max, doing business as John Price & Co., Philadelphia, Pa. Canned salmon. 175,735; May 15.

Pinnacle Coal & Coke Company, Dana, W. Va., and Easton, Pa. Coal and coke. 144,043; Apr. 17.

Pioneer Alloy Products Company, Cleveland, Ohio. Metal pipes and metal pipe fittings. 139,628; Nov. 6.

Alphabetical list of trade-mark applicants—Continued.

Pioneer Manufacturing Company, The, Cleveland, Ohio. Roofing cement. 141,870; Feb. 6.
Pioneer Products Co., The, Dayton, Ohio. Preparation for cleaning and removing stains from painted surfaces, tile, rugs, etc. 181,308; Dec. 11.
Pioneer Products Co., The, Dayton, Ohio. Preparation for cleaning and removing stains from painted surfaces, tile, carpet, etc. 181,508; Dec. 11.
Pioneer Products Co., The, Dayton, Ohio. Soap. 185,034; Nov. 13.
Pioneer Radio Corporation, Galesburg, Ill. Variometers and variocouplers. 182,606; Oct. 9.
Pioneer Soap Company, The, Dayton, Ohio. Preparation for cleaning and polishing metals, glass, enamel ware, etc. 163,824; Jan. 30.
Pioneer Suspender Company, Philadelphia, Pa. Belt buckles. 180,191; Oct. 16.
Piper & Salerno Co., Inc., New York, N. Y. Topcoats and overcoats. 185,229; Nov. 20.
Pirazzi, Gustav & Comp., Offenbach-on-the-Main, Germany. Violins and similar instruments, guitars, mandolins, harps, and strings for said instruments. 164,825; Jan. 30.
Piromir Co., The. (See Graham, Albert L.)
Piroxloid Products Corporation, New York, N. Y. Chinese game played with pieces. 186,757; Dec. 25.
Pisner, Chas., doing business as Square Deal Market, Washington, D. C. Fresh and smoked meats, poultry, fresh fruits, and vegetables. 174,591; Sept. 11.
Pistoia, Dante, San Francisco, Calif. Medicine used in the treatment of piles and flatulency. 173,298; May 1.
Pitet, Robert Y. L., Paris, France. House-painters' brushes. 167,997; Jan. 2.
Pitet, Robert Y. L., Paris, France. Artists' and house-painters' brushes. 167,998; Jan. 2.
Pitts, A. E., Shoe Co., The, Columbus, Ohio. Shoes. 172,435–8; June 5.
Pittsburgh-Des Moines Steel Company, Pittsburgh, Pa. Manufactured structural steel for buildings, bridges, towers, etc. 168,940; Feb. 20.
Pittsburgh Plate Glass Co., Rennous-Kleinle Division, Baltimore, Md. Paint, varnish, whitewash, sash, calcimine, etc., brushes. 162,197; Aug. 21.
Pittsburgh Plate Glass Company, Pittsburgh, Pa. Varnish. 175,517; Apr. 3.
Pittsburgh Plate Glass Company, Pittsburgh, Pa. Liquid and paste paints. 175,518; Apr. 17.
Pittsburgh Plate Glass Company, Pittsburgh, Pa. Liquid and paste paints. 177,451; Apr. 24.
Piver, L. T., Inc., Wilmington, Del., and New York, N. Y. Perfume extract, toilet water, lotions, etc. 184,183; Nov. 27.
Piver, L. T., Inc., Wilmington, Del., and New York, N. Y. Toilet soaps. 184,421; Nov. 13.
Piver, L. T., Inc., Wilmington, Del., and New York, N. Y. Perfume and face powder. 187,385; Dec. 25.
Plainville Electric Products Company, The, Plainville, Conn. Knife switches, panel boards, switchboards, and fuse reducers. 171,432; Apr. 24.
Plant, Theis & Gould Paper Company, Chicago, Ill. Tympan paper. 181,146; Aug. 21.
Plant, Theis & Gould Paper Company, Chicago, Ill. Writing, bond, and ledger paper. 181,147; Aug. 21.
Plant, Thomas G., Company, Boston, Mass. Boots, shoes, and slippers. 167,097; Dec. 4.
Plant, Thomas G., Company, Boston, Mass. Boots, shoes, and slippers. 167,422; July 31.
Plant, Thomas G., Company, Boston, Mass. Hosiery. 181,958; Sept. 18.
Planten, H., & Son, Inc., Brooklyn, N. Y. Haarlem oil in capsules. 165,204; May 22.
Planters Nut & Chocolate Company, Wilkes-Barre, Pa. Candy. 176,567–8; July 3.
Plaskul Game Company. (See Johnson, Anna L. R.)
Platinide Co. Inc., The, Providence, R. I. Platers' bars, sheet metal, metal rods, and ingots. 173,719; May 8.
Platner, William H., doing business as Koncrete Exterior Stucco Company, Omaha, Nebr. Portland-cement stucco mixture. 170,786; Dec. 4.
Platt, E. F., doing business as Northwest Nitrox Company, Portland, Me. Nitrous oxide and medicinal oxygen. 178,770; Aug. 28.
Platt, Harry B., New York, N. Y. Men's and boys' outer garments. 176,916; June 26.
Platt's, Chicago, Ill. Hosiery. 163,170; Apr. 10.
Playboy Wearables, Inc., New York, N. Y. Boys' outer suits, negligee shirts, and knitted and textile underwear. 168,690; May 1.
Plaza Music Company, New York, N. Y. Phonographs. 179,110; Aug. 21.
Pleasant Grove Canning Company, Pleasant Grove, Utah. Fresh deciduous and citrous fruits, fresh vegetables, etc. 171,951; July 3.
Pleasant Grove Canning Co., Pleasant Grove, Utah. Fresh deciduous and citrous fruits, fresh vegetables, canned fruits and vegetables, etc. 171,952; May 1.
Plenge's Pharmacy Inc., Charleston, S. C. Ant mats and containers. 166,605; May 29.
Pliable Arch Support Company, Indianapolis, Ind. Arch supports. 163,471; Feb. 13.
Plough Chemical Company, doing business as Mme. Ise'-Bell's Toilet Mfg. Co., Memphis, Tenn. Toilet preparations. 186,391; Dec. 11.
Plumb, Fayette R., Incorporated, Philadelphia, Pa. Files. 165,504; Apr. 10.
Plumbridge, Charles H., doing business as Mary Louise, New York, N. Y. Women's and misses' dresses. 186,070; Dec. 11.
Plunkett-Jarrell Grocer Co., Little Rock, Ark. Coffee. 180,888; Sept. 25.
Plushkell, August B., doing business as Flatopn Binder Company, Los Angeles, Calif. Loose-leaf binders. 181,864; Oct. 2.
Plymouth Gypsum Co., The, Fort Dodge, Iowa. Plaster. 153,617; Jan. 9.
Pneulec Machine Company Limited, The, Birmingham England. Molding machines, core-making machines, sand mixing and conveying machines, etc. 178,356; July 24.
Pneumocol Company. (See Strain, Lewis K.)
Podawinnikoff, Fred, Kamsack, Saskatchewan, Canada. Liquid medicinal preparation for the treatment of open wounds of animals. 152,479; Jan. 2.
Poe Chemical Company. (See Bryant, Frank H.)
Pohlmann, Herman G., Chicago, Ill. Writing paper. 148,851; May 29.
Point Waist Band Company, Inc., New York, N. Y. Waistband. 161,651; Sept. 18.
Poiret, Paul, doing business as Les Parfums de Rosine, Paris, France. Perfumes and toilet waters. 178,467–8; Sept. 25.
Pokodot Cereal Company, Fargo, N. Dak. Cereal breakfast food. 181,309; Nov. 13.
Pokodot Cereal Company, Fargo, N. Dak. Pancake flour. 181,310; Sept. 25.
Polak's Frutal Works, Amersfoort, Netherlands. Natural and synthetic essential oils and materials suitable for the production of perfumes. 172,240; Apr. 10.
Poland Paper Company, Mechanic Falls, Me. Bond, ledger, and writing paper. 172,489; Feb. 6.
Poland Paper Company, Mechanic Falls, Me. Bond, ledger, and writing paper. 172,651; Feb. 6.
Poland Paper Company, Mechanic Falls, Me. Paper used for printing, writing, bookkeeping, and typewriting, and mailing envelopes. 174,099; Mar. 6.
Poland Soap Works, Anniston, Ala. Washing powder, soap, and soap stock. 161,792; Sept. 4.
Polansky, Arpad, Douglastown, N. Y. Cosmetic powder and rouge. 177,324; Dec. 11.
Polar Food Products Corp., Boston, Mass. Edible chocolate-lined shell adapted to contain ices. 181,539; Sept. 11.
Polaris Co., The. (See Muir, Chas. S.)
Pollack, Dr., Health Products Corp., New York, N. Y. Antiseptic, germicidal and therapeutic compositions for vaginal douching. 168,064; Jan. 9.
Pollak Bros. Company, The, Fort Wayne, Ind. Dresses and waists. 175,211; July 10.
Pollard, Frank L., Co., Inc., Oakland, Calif. Clothes rack for drying clothes. 169,374; Feb. 6.
Pollard, Walter S., Hot Springs, Ark. Medicinal powder. 180,140; Nov. 20.
Pollock-Schultz-Boyd Company, Los Angeles, Calif. Pants, knickers, shirts, suits, underwear, etc. 181,311; Sept. 18.
Polo Manufacturing Company, Clinton, Iowa. Trousers. 182,113; Aug. 28.
Polygon Products Co., Boston, Mass. Cement packing for joints. 177,514; May 29.
Polygon Products Co., Boston, Mass. Preparation for cleaning fabric, leather, and woodwork, etc. 177,515; July 3.
Poly-naise Company, Watertown, N. Y. Combination of catchup, tomatoes, and mayonnaise. 178,061; Nov. 13.
Polyphonwerke Aktiengesellschaft, Berlin, Germany. Phonographs, coin-operated talking and musical machines, and phonograph needles. 145,583; Apr. 24.
Polyphonwerke Aktiengesellschaft, Berlin, Germany. Phonographic note disks, note cylinders, sound plates or records, etc. 145,585; Jan. 30.
Pom Chemical Co. Inc., The, Lebanon, Pa. Renovating, cleaning, and metal-polishing preparations. 168,124; May 15.
Pompeian Mfg. Company, The, Cleveland, Ohio. Face powder and cream. 186,026; Dec. 18.
Pond, E. K., Company, Chicago, Ill. Peanut butter. 176,427; May 22.
Pond, Harry A., Bay City, Mich. Pile remedy. 179,425; Sept. 18.
Pond's Extract Company, New York, N. Y. Cold cream. 185,377; Dec. 11.
Pond's Extract Company, New York, N. Y. Vanishing cream. 185,378; Dec. 11.
Poole Engineering and Machine Company, Baltimore and Woodberry, Baltimore, Md. Power and hand operated washing machines. 179,428; June 12.
Poor, Charles L., Co., New York, N. Y. Cotton piece goods. 175,042; June 19.
Poor, Charles L., Co., New York, N. Y. Cotton piece goods. 176,035; Apr. 10, 1923.
Poor, Charles L., Co., New York, N. Y. Cotton piece goods. 176,038; Apr. 10.
Poor, Charles L., Co., New York, N. Y. Cotton piece goods. 176,040; Sept. 18.
Poor, Charles L., Co., New York, N. Y. Cotton piece goods. 176,214; June 26.

Poor, Roger A., doing business as Oral Laboratories, Salem, Mass. Medicated chewing gum for gum and teeth diseases. 167,829; Jan. 9.
Pope, Angelo D., New York, N. Y. Gelatinous compound and nonalcoholic preparation for the relief of dyspepsia, loss of appetite, etc. 179,282; Aug. 21.
Popel-Giller Co., Warsaw, Ill. Malt sirups for food purposes. 165,412; Feb. 27.
Popp, William J., doing business as Fort Orange Chemical Company. Albany, N. Y. Hand soap. 168,430; Feb. 13.
Poppert, Henry A., & Son Company, Milwaukee, Wis. Steam-pressure cooker. 172,686; Mar. 6.
Popsicle Corporation, The, New York, N. Y. Lollypops. 181,614; Sept. 25.
Popular Products Company. (See Tauch, Werner C.)
Porcell, Salvatore, New York, N. Y. Aluminum paint. 158,193; Nov. 27.
Porcupine Medicine Co. (See De Brule, August G.)
Poro College. (See Malone, Annie M.)
Portage Shoe Mfg. Company, Portage, Wis. Shoes made wholly or in part of leather. 173,530; May 1.
Portage Shoe Mfg. Company, Portage, Wis. Shoe and leather preservative and dressing. 184,294; Oct. 16.
Portage Wholesale Grocery Company, Portage, Wis. Canned vegetables and fruits, pancake flour, etc. 186,666; Dec. 25.
Porter Electric Carbureter Inc., New York, N. Y. Liquid-level indicator. 158,142; Mar. 20.
Porter Electric Carbureter, Inc., New York, N. Y. Liquid-level indicators. 169,777; Jan. 30.
Porter, Kenneth E., doing business as Rustnot Products Company, Cleveland, Ohio. Table, kitchen, butcher, and hunting knives and forks. 173,106; June 19.
Porter, S. E., Co., Providence, R. I. Cords for stringing or restringing pearls or beads. 179,322; Aug. 7.
Porter, Samuel E., doing business as S. E. Porter Company, Providence, R. I. Pearl necklaces, bead necklaces, and cords for stringing and restringing pearls or beads. 174,486; Aug. 7.
Porter-Seitz Shoe Stores Company, Wilmington, Del., and Pittsburgh, Pa. Leather shoes. 180,671; Nov. 20.
Portland Cordage Co., The, Portland, Oreg. Rope and twine. 184,100; Oct. 16.
Portland Cordage Co., The, Portland, Oreg. Twine. 185,187; Oct. 16.
Portland Flour Mills Co., Portland, Oreg. Wheat flour. 182,175; Dec. 11.
Portland Flour Mills Co., Portland, Oreg. Wheat flour. 182,177–8; Nov. 13.
Portland Flour Mills Co., Portland, Oreg. Wheat flour. 182,179; Nov. 20.
Portland Flour Mills Co., Portland, Oreg. Wheat flour. 182,607–8; Nov. 13.
Portsmouth Stove & Range Co., The, Portsmouth, Ohio. Coal and gas stoves and ranges. 165,967; Jan. 9.
Porzellanfabrik Ph. Rosenthal & Co. A. G., Berlin, Germany. China. 171,102; May 15.
Porzellanfabrik, Ph. Rosenthal & Co., A. G., Berlin, Germany. China. 171,103; May 22.
Porzellanfabrik Ph. Rosenthal & Co., A. G., Berlin, Germany. Crockery, earthenware, and porcelain. 186,329; Dec. 11.
Posner, Dr. A., Shoes, Inc., New York, N. Y. Hosiery. 149,772; May 8.
Post-Glover Electric Company, Cincinnati, Ohio. Electrical resistances. 172,764; Feb. 20.
Post-Golden Rule Fuel Co. (See Goodwin, Harry L.)
Post-Time Publishing Co., Inc., New York, N. Y. Tri-weekly and daily publication. 175,323; Apr. 17.
Postum Cereal Company Incorporated, Battle Creek, Mich. Corn flakes. 163,763; Feb. 13.
Postum Cereal Company Incorporated, New York, N. Y., and Battle Creek, Mich. Cereal breakfast foods 174,976; May 15.
Potor Coffee Co. (See Lindstrom, Victoria C.)
Potter, C. D. Co., The, Stamford, Conn. Radio equipment. 175,437; May 29.
Potter-McCune Company, McKeesport, Pa. Coffee, canned fruits, vegetables, and fish, table molasses. 167,687; Apr. 3.
Potter-Wrightington, Inc., Charlestown, Boston, Mass. Bread wrappers. 160,025; Apr. 10.
Potter-Wrightington, Inc., Boston, Mass. Bread and crackers. 164,186; Mar. 27.
Potter-Wrightington, Inc., Charlestown, Boston, Mass. Bread wrappers. 164,187; Apr. 10.
Potter-Wrightington, Inc., Boston, Mass. Bran for use in making bakery products. 171,467; May 8.
Pottgieser, Joseph M., Ocean Park, Calif. Medicinal preparation for the treatment of rheumatism, neuritis, etc. 179,740; Aug. 7.
Poulsen, Dana C., Santa Rosa, Calif. Fountain syringes, hotwater bags, and water bags. 175,156; Dec. 11.
Pound, George H., doing business as Tress Laboratories, Los Angeles, Calif. Hair tonic. 178,280; July 10.
Powell, Bessie S., doing business as Beth Tantum, Los Angeles, Calif. Marmalade. 183,500; Dec. 25.
Powell Knitting Company, The, Philadelphia, Pa. Hosiery. 162,245; Jan. 30.
Powell Knitting Company, The, Philadelphia, Pa. Hosiery. 166,246; Jan. 9.
Powell Knitting Company, The, Philadelphia, Pa. Hosiery. 166,247; Feb. 20.
Powell Knitting Company, The, Philadelphia, Pa. Hosiery. 166,248; May 8.
Powell Knitting Company, The, Philadelphia, Pa. Hosiery. 166,250; June 19.
Powell Knitting Company, The, Philadelphia, Pa. Hosiery. 166,252; Jan. 30.
Powell Knitting Company, The, Philadelphia, Pa. Hosiery. 166,254; Jan. 30.
Powell Knitting Company, The, Philadelphia, Pa. Hosiery. 168,237; May 8.
Powell, Leopold, & Co., New York, N. Y. Cigars, cheroots, and little cigars. 149,480; May 15.
Powell Milling Co., De Pere, Wis. Wheat flour, stock feed, chicken feed. 167,652; Jan. 9.
Powell, Samuel S., Winterset, Iowa. Insecticide for fowls. 174,409; June 5.
Power, Edwin I., Solano, Calif. Fruits and nuts. 156,017; Sept. 11.
Power Supply Company, Terre Haute, Ind. Power belting, hose, packing, etc. 145,647; Jan. 9.
Powers Accounting Machine Corporation, New York, N. Y. Adding, listing, calculating, and bookkeeping machines. 186,156; Dec. 25.
Powers, Friend & Lichtman, New York, N. Y. Fringes and art needlework. 179,426; July 3.
Powers, Timothy B., doing business as Powers Manufacturing Company, New York, N. Y. Screw drivers. 167,895; Dec. 4.
Powers, Walter P., Chicago, Ill. Beverages. 165,809; Oct. 2.
Powers-Weightman-Rosengarten Co., Philadelphia, Pa. Barium-sulphate cream for radiologic examination. 165,200; Jan. 2.
Prairie Remedy Co., Batavia, Ill. Stock and poultry tonics and conditions. 146,397; Apr. 10.
Pratt & Whitney Company, New York, N. Y. Caliper gauges. 164,452; July 3.
Pray Candy Company, Inc., New York, N. Y. Candy. 146,591; Oct. 16.
Precision Adding Machine Company, Charlotte, N. C. Adding machines. 184,984; Dec. 25.
Precision Speedometer Co., Detroit, Mich. Speedometers and speedometer plates. 183,592; Oct. 30.
Preis, J. J., & Company, New York, N. Y. Boys' outer garments. 172,490; May 22.
Premier Cutlery, Inc., New York, N. Y. Certain kinds of cutlery of base metal. 159,049; May 29.
Premier Cutlery, Inc., New York, N. Y. Certain kinds of cutlery of base metal. 159,050; Mar. 13.
Premier Electric Company, Chicago, Ill. Audiofrequency transformers. 183,162; Oct. 9.
Premier Malt Products Company of Ohio, Inc., Chicago, Ill., and Steubenville, Ohio. Nonalcoholic, maltless fruit-flavored concentrate for beverage purposes. 170,213; Jan. 30.
Premier Refining Company, Indianapolis, Ind. Gasoline. 176,215; Dec. 4.
Prescott & Company, Boston, Mass. Domestic refrigerators. 177,199; May 8.
Preserving Mushroom Co., Cleveland, Ohio. Salad dressing. 176,693; June 19.
President Suspender Company, Shirley, Mass. Garters. 166,787; July 3.
Press, C. M., & Co. (See Press, Candace M.)
Press, Candace M., doing business as C. M. Press & Co., Conneaut, Ohio. Preparation for pyorrhea, abscesses, sores, cancer, and ulcers. 174,637; Sept. 4.
Press Publishing Company, New York, N. Y. Colored comic page in the Sunday World newspaper. 170,896; Feb. 27.
Press Publishing Company, New York, N. Y. Title of a column in a newspaper. 186,613; Dec. 11.
Press-Union Publishing Co., Atlantic City, N. J. Title of its daily publication. 169,778–9; Jan. 30.
Pressed Prism Plate Glass Company, Morgantown, W. Va. Glass. 187,346; Dec. 4.
Pressto Leather Products Corporation, Brooklyn and New York, N. Y. Spectacle cases. 173,720; Mar. 20.
Prestia, Frank, doing business as the White Rose Ice Cream and Frozen Custard Biscuit Company, New Orleans, La. Ice cream and frozen-custard biscuit. 166,468; Feb. 27.
Presto Fire Extinguisher Company. (See Cooke, Harry S.)
Prest-O-Lite Company, Inc., The, Indianapolis, Ind. Welding apparatus using gas. 107,374; Feb. 6.
Presto Manufacturing Co., New York, N. Y. Fluid for removing stains from the teeth. 181,569; Nov. 6.
Preston, Burton & Co., Mansfield, Ohio. Monuments. 157,002; May 1.
Pre Ven Shun Laboratories, The, (See Hughes, William S.)
Price, Anna M., New York, N. Y. Sanitary covers for toilet seats. 181,088; Sept. 18, 1923.
Price, Arthur, New York, N. Y. Advertising motion-picture-projection apparatus, motion-picture-display cabinets, etc. 168,691; Apr. 24.
Price-Booker Manufacturing Company, Waco and Houston, Tex. Pickles and condiments. 174,100; May 8.
Price Brothers, Frederick, Md. Water-circulation pumps for automobile engines. 184,755; Nov. 20.

Alphabetical list of trade-mark applicants—Continued.

Price, Charles W., doing business as C. W. P. Company, New York, N. Y. Hair tonics, shampoo, jelly, massage oil, etc. 177,020; July 17.
Price Flavoring Extract Company, Chicago, Ill. Spices. 169,865–6; Mar. 13.
Price, John, & Co. (See Pinkus, Max.)
Pride Underwear Co. Inc., New York, N. Y. Men's textile-fabric underwear, 185,535; Dec. 4.
Pride, W. H., & Co., Bellingham, Wash. Canned vegetables, and fruits. 182,672; Sept. 25.
Priess, William H., New York, N. Y. Electrical apparatus. 173,721; Sept. 18.
Priestley, B., & Co., Inc., New York, N. Y. Cloths and piece goods of woolen, worsted, etc. 186,853–4; Dec. 18.
Priestleys, Limited, Bradford, England. Cloths and piece goods of wool, worsted, and hair, and combinations of same. 169,422; Feb. 6.
Primalt Products Co., Chicago, Ill. Malt extract. 167,418; Mar. 27.
Primalt Products Co., Chicago, Ill. Malt sirup. 167,420; Apr. 24.
Primrose Draperies, Inc., New York, N. Y. Bedspreads. 180,493; July 10.
Prina, Frank R., Corporation, The, New York, N. Y. Wheat flour. 149,352; May 1.
Prina, Frank R., Corporation, The, New York, N. Y. Wheat flour. 183,594; Dec. 25.
Prince Macaroni Mfg. Co., Boston, Mass. Macaroni. 165,708; Jan. 30.
Prince Macaroni Mfg. Co., Boston, Mass. Sauce, a combination of mushrooms, tomatoes, chicken, and tomato paste. 175,808; June 26.
Princess Dress House. (See Bernstein, Louis.)
Princeton Club Co., The. (See Cohen, Joseph.)
Probaugh Company, The. (See Limbaugh, E. E.)
Process Chemicals Incorporated, New York, N. Y. Insecticide and mothproofing composition. 168,489; Apr. 17.
Prochnow, Julius R., doing business as Co-Bu-Col Company, San Antonio, Tex. Preparation for inflammation of kidney and bladder, nephritis, etc. 165,034; Aug. 28.
Procter and Gamble Company, The, Cincinnati, Ohio. Cottonseed oil, salad oils, oleomargarine, etc. 177,996; Sept. 18.
Procter and Gamble Company, The, Cincinnati, Ohio. Glycerin. 177,998; July 17.
Proctor, Benjamin, jr., Boston, Mass. Picture frames. 171,707; Jan. 30.
"Prodor" Fabrique de Produits Organiques S. A., Geneva, Switzerland. Clay, tile, and terra-cotta pipes and conduits, columns, struts, etc. 171,954; Oct. 23.
Producers Canning and Packing Company, The, Salem, Oreg. Canned fruits. 164,257; Jan. 9.
Producers Canning and Packing Company, The, Salem, Oreg. Canned fruits. 164,258; June 5.
Producers Canning & Packing Co., The, Salem, Oreg. Canned fruits and berries. 171,550; Apr. 10.
Products Mfg. & Sales Co., Milwaukee, Wis. Compound having the appearance of putty and used to retain molten metal while pouring bearings. 167,686; Apr. 24.
Progress Paint Mfg. Co., Louisville, Ky. Wagon paint, fiber roof paint, varnish, paint enamel, etc. 176,043; Apr. 17.
Progressive Farmer Co., The, Raleigh, N. C., and Birmingham, Ala. Weekly magazine. 176,569; June 19.
Promo Products Co. (See Clifford, Charles T. H.)
Prot, Paul, & Cie., doing business as Parfumerie Lubin, Paris, France. Perfumes and toilet waters. 170,081; Sept. 25.
Prot, Paul & Cie., doing business as Parfumerie Lubin, Paris, France. Perfumes, toilet waters, face and talcum powders, face lotion, etc. 170,082; Feb. 27.
Prot, Paul & Cie., doing business as Parfumerie Lubin, Paris, France. Perfumes, toilet waters, face and talcum powder, face lotion, etc. 170,083; Feb. 13.
Prot, Paul, & Cie., doing business as Parfumerie Lubin, Paris, France. Perfumes, toilet waters, face powder, face lotion, face creams, etc. 170,084–5; Jan. 30.
Prot, Paul, & Cie., doing business as Parfumerie Lubin, Paris, France. Perfumes, toilet waters, face powder, etc. 170,086; July 10.
Prot, Paul, & Cie., doing business as Parfumerie Lubin, Paris, France. Perfumes, toilet waters, face and talcum powders, face lotion and cream, and rouge. 170,087; Jan. 30.
Pro-Tar Manufacturing Company, The, Kansas City, Mo. Liquid preparation used for concrete and metal tank lining. 185,041; Dec. 4.
Protection Tire & Rubber Company. (See Chadwin, Leo L.)
Protect-O-Floor Leather Mat Co. (See Kane, Samuel J.)
Protex Chemical Co., Everett, Pa. Fire-extinguishing chemical compound. 183,888; Nov. 13.
Proud's Portolive Co., Seattle, Wash., and Los Angeles, Calif. Tonic. 172,615; May 15.
Prouty-Bowler Soap Co., Des Moines, Iowa. Soap and soap flakes. 178,771; July 24.
Providence Paper Co., The, Providence, R. I. Twine and and household cord. 173,363; Feb. 20.
Prudence-Bonds Corporation, New York and Brooklyn, N. Y. Vendible coupon bonds, coupons, certificate of stocks, etc. 177,924; Nov. 27.
Prudence-Bonds Corporation, New York, N. Y. Vendible coupon bonds, coupons, certificate of stocks, etc. 185,987–9; Nov. 27.
Prune Co. (See Morvillo, Mariano.)
Pryibil, P., Machine Company, Inc., New York, N. Y. Wood and metal working machines, tools, and supplies. 160,719; Jan. 2.
Prym, William, Company, Limited, The, Stolberg, Germany. Bone stilettos, hooks and eyes, snap fasteners, etc. 148,614; Nov. 13.
Prym, William Company, Limited, The, Stolberg, Germany. Bone stilettos, hooks and eyes, corset eyes, snap fasteners, etc. 148,615; July 17.
Prym, William, Company, Limited, The, Stolberg, Germany. Bone stilettos, hooks and eyes, corset eyes, snap fasteners, etc. 148,617; Oct. 2.
Prym, William, Company, Limited, The, Stolberg, Germany. Bone stilettos, hooks and eyes, corset eyes, etc. 168,431; Nov. 13.
Prym, William Company, Limited, The, Stolberg, Germany. Common pins and hand sewing needles. 175,996; Sept. 11.
Prym, William, Company, Limited, The, Stollberg, Germany. Pins. 175,997; Aug. 28.
Psychology Publishing Company. (See Miller, Henry K.)
Public Ledger Company, Philadelphia, Pa. Contest, a feature in newspapers. 170,505; Feb. 20.
Public Ledger Company, Philadelphia, Pa. Title for cartoons. 172,900; Apr. 24.
Public Ledger Company, Philadelphia, Pa. Title for cartoons. 184,870–1; Nov. 6.
Puehrer, Louis, New York, N. Y. Medicine to relieve sore and aching backs, destroy worms, etc. 182,182; Oct. 30.
Puente & Cicero, doing business as Lemonium Company, Los Angeles, Calif. Cough sirups. 161,334; Mar. 6.
Puffer-Hubbard Manufacturing Company, Minneapolis, Minn. Child's toy wagon. 170,402; Dec. 25.
Puffer-Hubbard Manufacturing Company, Minneapolis, Minn. Child's wagon tire. 179,551; Aug. 21.
Puget Sound Oil Works, Inc., Seattle, Wash. Vegetable oil. 140,398; Aug. 21.
Pull-Grip Electric Company. (See Eberhardt, Robert.)
Pulliam, Clarence, Detroit, Mich. Frozen ice-cream dainties. 177,572; May 29.
Pullman Company, The, Chicago, Ill. Automobile bodies. 187,267; Dec. 11.
Pun, Jack M., Wood's Ranch, near Stockton, Calif. Live or dressed pigeons, squabs, or poultry. 164,720; Feb. 13.
Pung-Chow Company, Inc., New York, N. Y. Game. 179,111; May 29.
Pung-Chow Company, Inc., New York, N. Y. Games and parts thereof. 179,955–6; July 17.
Pup Toys Company, The, Chicago, Ill. Paper weights, inkwells, etc. 175,157; Mar. 27.
Pup Toys Company, The, Chicago, Ill. Candlesticks, incense burners, and lamps. 175,158; May 22.
Pup Toys Company, The, Chicago, Ill. Candy boxes, wrappers, and receptacles. 175,159; June 19.
Purcell, Isaac S., doing business as Dri-Kamp Company, Chicago, Ill. Tents. 179,553; Oct. 30.
Purdy, Fred A., New York, N. Y. Machines for printing, issuing, and auditing tickets. 167,896; Oct. 16.
Purdy, O. N., jr., Boston, Mass. Wool. 181,774; Oct. 30.
Pure Oil Co., The, Columbus, Ohio. Gasoline. 164,003; Oct. 23.
Pure Oil Company, The, Columbus, Ohio, Petroleum substitute for turpentine. 155,319; Feb. 13.
Pure Oil Company, The, Columbus, Ohio. Gasoline, kerosene, fuel oil, etc. 159,284; Sept. 18.
Pure Oil Company, Columbus, Ohio. Cylinder oil. 178,121; July 17.
Pure Oil Company, The, Columbus, Ohio. Cylinder oil. 178,122; June 26.
Pure Oil Company, Columbus, Ohio. Lubricating oil for hand separators. 178,123; July 17.
Pure Oil Company, Columbus, Ohio. Graphite farm-machinery oil. 178,124; July 17.
Pure Oil Company, Columbus, Ohio. Farm-machinery lubricating oil. 178,125; July 17.
Pure Oil Company, Columbus, Ohio. Axle grease. 178,133; July 17.
Pure Oil Company, Columbus, Ohio. Hard oil. 178,134; July 17.
Pure Oil Company, The, Columbus, Ohio. Engine oil. 178,136; June 26.
Purer-Lene Mfg. Co. (See Cater, Dr. James S.)
Puritan Drug Mfg. Co., The, Columbus, Ohio. Bay leaves for seasoning, rubbed sage. 146,656; Dec. 25.
Puritan Gelatin Company, Boston and Marblehead, Mass. Gelatin. 156,403; Jan. 30.
Puritan Knitting Mills, Philadelphia, Pa. Sweaters, scarfs, bathing suits, etc. 177,690; Oct. 16.
Puritan Malt Extract Co. (See Magnus, Joseph E.)
Puritan Oil Corporation, St. Louis, Mo. Gasoline. 186,291; Dec. 25.

Alphabetical list of trade-mark applicants—Continued.

Puritas Farms, Inc., Newburgh, N. Y. Dairy products. 151,098; Aug. 21.
Puritol Company, The. (See Karnes, E. L.)
Purity Cake Company, Chicago, Ill. Cake. 175,212; Nov. 20.
Purity Chemical Co. (See Karton, Harry.)
Purity Creamery Company, Baltimore, Md. Coffee. 161,273; Aug. 28.
Purity Ice Cream Company, Tulsa, Okla. Ice cream. 170,543; Oct. 23.
Purity Maid Products Company, New Albany, Ind. Fresh milk and cream, butter, cheese, and ice cream. 181,775; Dec. 11.
Purity Packing Company, Chicago, Ill. Sausages composed of meat products, meat, water, and cereal. 169,560; Feb. 27.
Puro Products Co., Superior, Wis. Pile cure. 177,407; Aug. 28.
Purvis, F. L., San Bernardino, Calif. Portions of fresh watermelon for individual use. 166,711; Feb. 27.
Putnam-Hooker Company, The, Cincinnati, Ohio, and New York, N. Y. Gray and colored, bleached, dyed, napped fabrics; knitted, netted, and textile fabrics. 148,033; Aug. 21.
Py-Et Company, Seattle, Wash. Pastries. 169,456; Feb. 27.
Pyraid Products Corporation, Newark, N. J. Mouth-wash preparation. 176,428; June 19.
Pyramid Process Co., Inc., East Rochester, N. Y. Dry paste. 177,200; May 15.
Pyramid Products Co. (See Beach, Albert H.)
Pyrene Manufacturing Co., Newark, N. J. Temperature-indicating device for gas engines. 175,736; May 29.
Pyrene Manufacturing Company, Newark, N. J. Fire-extinguishing compounds. 181,043; Aug. 21.
Pyro Form Laboratories, Los Angeles, Calif. Preparation for the treatment of pyorrhea. 169,083; Feb. 13.
Q-B Manufacturing Co., The, Chicago, Ill. Carbon removers for internal-combustion engines. 164,512; Jan. 2.
Q & C Company, The, New York, N. Y. Railway equipment. 151,996; Dec. 18.
Quaker City Chocolate & Confectionery Company, Philadelphia, Pa. Candies. 174,487; May 29.
Quaker City Sweater Mills, Philadelphia, Pa. Sweaters. 163,647; Aug. 28.
Quaker City Sweater Mills, Philadelphia, Pa. Knitted sweaters. 163,648; Jan. 2.
Quaker City Sweater Mills, Philadelphia, Pa. Sweaters. 163,649; Aug. 28.
Quaker Lace Company, Philadelphia, Pa. Lace curtains and nets or curtain lace in piece goods. 173,441; Aug. 7.
Quaker Lace Company, Philadelphia, Pa. Lace curtains and nets or curtain lace in piece goods. 177,326; Aug. 7.
Quaker Oats Company, The, Chicago, Ill. Rolled wheat and wheat and bran flour. 170,214; Sept. 18.
Quaker Oats Company, The, Chicago, Ill. Rolled wheat and a mixture of wheat and bran flour. 170,215; Sept. 25.
Quaker Oats Company, The, Chicago, Ill. Rolled oats and wheat flour. 173,531; Nov. 6.
Quaker Oats Company, The, Chicago, Ill. Stock feeds. 173,982; July 24.
Quaker Oats Company, The, Chicago, Ill. Rolled oats. 173,983; June 5.
Quaker Oats Company, The, Chicago, Ill. Mixed stock feed. 174,101; June 5.
Quaker Oats Company, The, Chicago, Ill. Wheat flour and stock feeds. 174,102; July 31.
Quaker Oats Company, The, Chicago, Ill. Horse feed. 174,103–4; June 5.
Quaker Oats Company, The, Chicago, Ill. Stock feed. 174,105; June 5.
Quaker Oats Company, The, Chicago, Ill. Poultry feed. 174,106; May 15.
Quaker Oats Company, The, Chicago, Ill. Wheat flour. 174,107; May 15.
Quaker Oats Company, The, Chicago, Ill. Rolled oats and wheat food. 174,335; June 5.
Quaker Oats Company, The, Chicago, Ill. Rolled oats. 174,751; Sept. 4.
Quaker Oats Company, The, Chicago, Ill. Stock feeds. 174,817; Aug. 7.
Quaker Oats Company, The, Chicago, Ill. Wheat flour. 174,914; Aug. 7.
Quaker Oats Company, The, Chicago, Ill. Rolled oats and oatmeal. 174,915; June 5.
Quaker Oats Company, The, Chicago, Ill. Wheat flour. 174,916; June 5.
Quaker Oats Company, The, Chicago, Ill. Farinaceous stock feed. 174,918; Sept. 4.
Quaker Oats Company, The, Chicago, Ill. Wheat flour, rolled oats, etc. 174,919; Sept. 11.
Quaker Oats Company, The, Chicago, Ill. Wheat flour. 174,920; June 5.
Quaker Oats Company, The, Chicago, Ill. Poultry feed. 174,921; June 5.
Quaker Oats Company, The, Chicago, Ill. Poultry feed. 174,922; Aug. 21.
Quaker Oats Company, The Chicago, Ill. Wheat flour. 177,452; Oct. 2.
Quaker Oats Company, The, Chicago, Ill. Corn meal, prepared dietetic flour, pearl barley, hominy grits, etc. 181,646; Nov. 13.
Quaker Oats Company, The, Chicago, Ill. Rolled oats, corn meal, wheat flour, rye flour, etc. 181,647; Sept. 25.
Quality Coffee & Tea Co., Inc., Los Angeles, Calif. Spices. 162,054; Feb. 20.
Quality Specialty Company, Worcester, Mass. Salad dressings, mayonnaise dressings, horse-radish relishes, and mustard relishes. 172,393; June 5.
Qualtop Beverages Inc., Rochester, N. Y. Beverages sold as soft drinks and sirups for making the same. 185,188; Oct. 9.
Quast, Otto K., doing business as The Nix-Lix Co., Spokane, Wash. Hair tonic and dandruff remedy. 167,783; Jan. 30.
Queen Anne Candy Company, Chicago, Ill. Candy and coconut-bar candy. 164,192; Feb. 20.
Queen Anne Candy Company, Chicago, Ill. Candy and nut-bar candy. 164,193; Feb. 27.
Queen City Bottling Company, The, Cincinnati, Ohio. Fruit beverage, sold as a soft drink and sirups therefor. 171,955; Feb. 13.
Queen City Extract Company, The, Cincinnati, Ohio. Grape-flavored sirup for beverage purposes. 163,413; June 19.
Queen City Extract Company, The, Cincinnati, Ohio. Grape-flavored sirup for food purposes. 163,595; July 3.
Queen City Printing Ink Company, The, Cincinnati, Ohio. Printing inks. 177,619; May 15.
Queen City Printing Ink Company, The, Cincinnati, Ohio. Printing inks. 177,865–6; May 15.
Queen City Specialty Company. (See Metke, John.)
Queensbury Farms, Toms River, N. J. Eggs, young chicks, poultry, etc. 159,615; Feb. 6.
Queensland Meat Export Company, Limited, Brisbane, Queensland, Australia. Foods and ingredients of goods. 122,405; Feb. 27.
Quicksafe Manufacturing Company, Nashville, Tenn. Can openers. 155,320; Feb. 20.
Quigley Furnace Specialties Company, Incorporated, New York, N. Y. Acid-resisting cement. 187,536; Dec. 25.
Quinlan, H. T., & Company, St. Paul, Minn. Canned goods, stuffed olives, asparagus, etc. 116,694; Dec. 18.
Quinlan, Kathleen M., New York, N. Y. Toilet creams and astringents. 180,986; Aug. 21
Quinn, Geo. W., doing business as Trojalene Oil Company, San Francisco, Calif. Lubricating oils. 172,241; Jan. 9.
Quinn Reade Motor Vehicle Fender Co., Quebec, Quebec, Canada, and New York, N. Y. Automobile bumpers and parts therefor. 165,821; June 5.
Quint, Samuel, doing business as Samuel Quint Company, New York, N. Y. Cotton and woolen hosiery and underwear of knitted material. 164,667; May 1.
Quisenberry Feed Mfg. Co., Kansas City, Mo. Poultry feed. 158,145; Jan. 2.
Quisenberry Feed Mf'g. Co., Kansas City, Mo. Poultry feed. 164,265; Apr. 3.
Quisenberry Feed Mf'g. Co., Kansas City, Mo. Poultry feed. 164,773–4; Apr. 3.
Quixy Polish Co. (See Schoener, Stephen.)
R. B. B. Company. (See Morgan, Emma A.)
R. C. Importation Corporation, New York, N. Y. Cigars, cigarettes, and smoking tobacco. 173,857; Apr. 3.
R. E. D. Mfg. Co., The. (See Douglas, Richard.)
R. & G. Co., Attleboro, Mass. Magazine pencils. 155,830; Feb. 6.
R. & H. E. Co. (See Schilplin, William.)
R. & J. Waist Company, The, New London, Conn. Children's waists and shirts, particularly underwaists. 144,429; May 15.
R. K. M. Manufacturing Co., Newark, N. J. Covered hook and eye tapes. 181,411; Dec. 18.
R. & R. Manufacturing Company. (See Ruffner, Meyer F.)
R. & R. Underwear, New York, N. Y. Brassières. 172,013; July 17.
R and W Hat Shop, Inc., Norwalk, Conn. Hats. 174,445; May 8.
R & W Hat Shop, Inc., Norwalk, Conn. Clothing. 185,673; Dec. 11.
R-W Manufacturing Co., Chicago, Ill. Radio receiving sets and parts thereof. 172,357; Mar. 6.
R. & W. Products Co., Milwaukee, Wis. Dessert pudding powders. 162,267; Oct. 16.
Rabiner Brothers, Chicago, Ill. Hats and caps. 178,670; Aug. 28.
Rabinow, Harry L., New York, N. Y. Hair salve and pomade. 172,058; Apr. 17.
Rabinow, Murray, New York, N. Y. Men's dress shirts. 184,516; Nov. 6.
Racine Horseshoe Tire Company, The, Racine, Wis. Resilient vehicle tires and inner tubes of rubber or rubber and fabric. 167,653; Jan. 30.
Rademaker, Frank. (See Rademaker, Franciscus, J. M.)
Rademaker, Franciscus J. M., doing business as Frank Rademaker, Rotterdam, Netherlands. Candy. 166,571; Feb. 27.
Rademaker, Fransiscus J. M., doing business as Frank Rademaker, Rotterdam, Netherlands. Candy. 166,571; Sept. 11.

Alphabetical list of trade-mark applicants—Continued.

Radetzky, Abraham, doing business as Gotham Aseptic Laboratories, New York, N. Y. Absorbent cotton, gauze, etc. 167,535; Mar. 27.
Radio Ball Company, Lebanon, Pa. Inflated toy rubber balls. 171,815; Feb. 6.
Radio Condenser Co., Camden, N. J. Electrical condensers. 186,856; Dec. 4.
Radio Corporation of America, New York, N. Y. Radio receiving, detecting, and transmitting set and parts thereof, etc. 169,824; Jan. 30.
Radio Corporation of America, New York, N. Y. Radio receiving sets. 174,859; Apr. 24.
Radio Engineering Company of New York, Inc., Gloucester, Mass. Lubrication meters. 162,695; Sept. 11.
Radio Engineering & Sales Co., The, doing business as The Resco Radio Co., Cleveland, Ohio. Radio receiving sets, radio receiving and sending sets parts. 166,405; Jan. 16.
Radio Equipment Company. (See Cohen, Montgomery B.)
Radio-Films, Inc., Hollywood, Calif. Motion-picture
Radio Frequency Laboratories, Inc., Boonton, N. J. Radio equipment. 174,260; Mar. 27.
films issued weekly. 166,149; Oct. 2.
Radio Hat Co. Inc., New York, N. Y. Ladies' hats. 150,203; Jan. 16.
Radio Manufacturing Company. (See Justus, Ocee.)
Radio Mineral Company, Newark, N. J. Crystals or minerals for use on wireless telegraphy and wireless telephony apparatus. 178,281; May 29.
Radio Motion Picture Phon. Corp., Fall River, Mass., and Long Island City, N. Y. Educational appliances, embracing cabinets within which are disposed radio-receivers, motion-picture projectors, etc. 178,282; July 10.
Radio Products Company. (See Kemper, Chas. M.)
Radio Publishing Corporation, New York, N. Y. Monthly Magazine. 168,729; Apr. 24.
Radio Record Publishing Company. (See Boright, Thos. A.)
Radio Specialty Co., New York, N. Y. Radio apparatus. 169,869; Feb. 20.
Radio Stomach Relief Co. (See Rondeau, Francois X.)
Radio Supply & Service Corp., New York, N. Y. Mica condensers. 171,433; Mar. 27.
Radio Waves Publishing Co., Portland, Oreg. Name of a monthly magazine. 169,825; Mar. 27.
Radioceive Manufacturing Company, Newark, N. J. Telephone head sets. 164,075; Sept. 4.
Radiogem Corporation, New York, N. Y. Radio tuning coil. 169,184; Jan. 30.
Radiograms, Inc., Hollywood, Calif. Motion-picture films. 166,150; Sept. 4.
Radiola Wireless Corporation, The, New York, N. Y. Radio crystals. 168,786; Apr. 3.
Radio-Lite, Inc., Boston, Mass. Electric lights for automobiles and other vehicles and parts thereof. 172,394; Apr. 24.
Radium Emanation Corporation, The, New York, N. Y. Radium. 183,890; Nov. 20.
Radius Tool Co. (See Sheberashenko, Andrey.)
Ra-Do Corporation, The, Bay City, Mich. Variocouplers, variometers, detector and amplifying units, tuners, etc. 165,968; Feb. 20.
Radwaner, I. L., Seed Company. (See Radway, Frederick S.)
Radway, Frederick S., doing business as I. L. Radwaner Seed Company, New York, N. Y. Clover and field seeds. 182,261; Nov. 13.
Rae-Lite Mfg. Co., The, Baltimore, Md. Electric parking lamps. 182,769; Oct. 9.
Rae-Tol Company. (See Ryan, Maurice J.)
Raffetto, G. B., Inc., New York, N. Y. Sweet-pickled watermelon rind. 169,561; Apr. 3.
Raffetto, G. B., Inc., New York, N. Y. Oranges preserved and stuffed with other fruit. 181,412; Sept. 25.
Ragbag Sisters Company, The, Grand Rapids, Mich. Statuettes. 174,638; June 26.
Ragsdale, Ira H., doing business as Mrs. Ragsdale, Incorporated, San Antonio, Tex. Mayonnaise salad dressing and Thousand Island salad dressing. 176,282; Nov. 27.
Raguet, P., Fils & J. Vignes, Troyes, France. Hosiery and knit goods. 172,957–8; May 22.
Rains, Solomon E., doing business as S. E. Rains Company, New York, N. Y. Kerchiefs and handkerchiefs. 151,521; Dec. 4.
Rajah Radio Guild, University City, Mo. Radio receiving sets and parts thereto. 180,142; July 31.
Ralston Purina Company, St. Louis, Mo. Dairy feed. 168,787; Jan. 16.
Ralston Purina Company, St. Louis, Mo. Poultry feed. 173,722; May 8.
Ramapo Ajax Corporation, New York, N. Y. Track frogs, crossings, guard rails, etc. 172,395; Apr. 10.
Ramapo Ajax Corporation, New York, N. Y. Track switches, switch stands, switch plates, and parts thereof. 178,357; June 12.
Ramapo Ajax Corporation, New York, N. Y. Cast chilled wheels, industrial cars, shop cars, push cars, etc. 178,358; Aug. 7.
Rancho Sespe, Sespe, Calif. Citrous fruits. 184,685; Dec. 4.
Rand & Crane, Inc., Boston, Mass. Preparation for cleaning and polishing jewelry, etc. 180,141; Aug. 21.
Randazzo Macaroni Mfg. Co., St. Louis, Mo. Macaroni, spaghetti, noodles, etc. 156,862; Oct. 16.
Randell & Co., New York, N. Y. Medicinal belt for treatment of kidneys. 179,112; Sept. 4.
Randles, Charles D., doing business as Randles Mfg. Company, Ogdensburg, N. Y. Uniforms—namely, dresses, aprons, caps, bibs, etc. 158,895; July 17.
Randolph Marketing Company, Los Angeles, Calif. Fresh citrus fruit and fresh deciduous fruit, fresh vegetables, and cantaloupes. 162,953; Feb. 20.
Randolph Milling Company, Baldwin, Ill. Wheat flour. 168,170; Apr. 3.
Randolph, Teasdale, doing business as The Country Editor Publishing Company, New York, N. Y. Title for a monthly magazine. 171,389; Feb. 27.
Raney, Rebekah E., San Francisco, Calif. Ash trays. 158,007; Mar. 27.
Ranger, Richard H., New York, N. Y. Departments or sections of and articles in magazines and the like. 169,519; May 1.
Rannou, Alexandre & Cie., Marseille, France. Dates. 174,847; Oct. 16.
Raphael, Robert M., New York, N. Y. Infants' and children's wearing apparel. 171,434; Aug. 28.
Rapoport, Maurice, & Co., New York, N. Y. Balls, bats, golf clubs, tennis rackets, etc. 183,502; Oct. 23.
Rappaport, Max, Los Angeles, Calif. Hats and caps for men and boys. 171,468; May 8.
Rasch & Gainor, Baltimore, Md. Window-shade material, lace curtains, bedspreads, etc. 185,888; Dec. 25.
Rash, Warren P., Co., Inc., Middlesboro, Ky. Glycerin and rose water, sweet spirits of niter, and turpentine. 177,620; Nov. 27.
Rash, Warren P., Co., Inc., Middlesboro, Ky. Preparation for neuralgia and headache. 177,621; July 10.
Rasmussen & Co., Portland, Oreg. Ready-mixed wall paints. 170,695; Jan. 30.
Rathbun, Milo D., Grand Rapids, Mich. Locks for radiator caps for automobiles. 179,284; Aug. 21.
Rathburn, Silas E., doing business as L. M. Carr, Somerville, Mass. Candies. 167,751; Feb. 6.
Ratner, Harry, doing business as Rogers & Co., Columbus, Ohio. Jewelry. 181,413; Nov. 27.
Rau Fastener Company, New York, N. Y. Snap fasteners. 186,568; Dec. 25.
Rauch & Lang, Inc., Chicopee Falls, Mass. Electrically-propelled road vehicles, not including trucks and tractors. 136,726; May 22.
Rauh, S., & Co., New York, N. Y. Gaiters. 166,099; Jan. 2.
Rauh, S., & Sons Fertilizer Company, Indianapolis, Ind. Tankage and fertilizer. 184,761; Nov. 20.
Rauh, S., & Sons Fertilizer Company, Indianapolis, Ind. Tankage and fertilizer. 184,762; Nov. 27.
Rauscher, Charles A., & Co., Los Angeles, Calif. Mincemeat, plum pudding, and fig pudding. 177,622; Aug. 21.
Ravizza, John, New Britain, Conn. Confections. 183,852; Nov. 27.
Rawhide Products Distributing Co. (See Levin, Abraham I.)
Rawles, Kate C., Fernley, Nev. Prepared textile stove polisher. 183,548; Nov. 20.
Rawlings Manufacturing Co., St. Louis, Mo. Baseballs, ball-players' gloves and mitts. 178,283; June 19.
Ray, A. J., & Son, Inc., doing business as Hugo V. Loewi, Inc., Portland, Oreg. Hops. 165,414; Feb. 6.
Raybestos Company, The, Bridgeport, Conn. High-pressure sheet packing. 155,932; Jan. 2.
Raybestos Company, The, Bridgeport, Conn. Rivets. 182,549; Sept. 25.
Ray-Maling Co., Inc., Portland, Oreg. Canned fruits. 175,809; July 3.
Ray-Maling Co., Inc., Portland, Oreg. Canned fruits, berries, and vegetables. 175,810; July 3.
Ray-Maling Co. Inc., Portland, Oreg. Canned fruits, berries, and vegetables. 175,811; July 24.
Ray-Maling Co., Inc., Portland, Oreg. Canned fruits and berries. 175,812; July 3.
Raymo Company. (See Heldfond, Samuel M.)
Raymond Bag Co., The, Middletown, Ohio. Paper receptacles. 172,687; Apr. 17.
Raymond, Jules N., doing business as Associated Laboratories and Germ-A-Lax Laboratories, Chicago, Ill. Intestinal germicide and laxative. 180,890; Aug. 14.
Raymond, Philip, Boston, Mass. Medicine used in the treatment of asthma, bronchitis, etc. 173,532; May 15.
Rayward Engineering and Manufacturing Co., Philadelphia, Pa. Mechanical motive pedal control devices. 179,012; July 24.
Re-Al-Jo Products Company, Waterloo, Iowa. Cosmetics including creams, powders, rouges, etc. 172,959; Mar. 13.
Reach, Abraham L., doing business as A. L. Reach Textile Co., New York, N. Y. Furniture and furniture van-pads. 177,244; May 22.
Reach, Abraham L., doing business as A. L. Reach Textile Co., New York, N. Y. Bed comforts. 185,795; Nov. 13.
Read Hosiery Mills, McMinnville, Tenn. Hosiery. 168,788; May 8.

Reading Underwear Co., Reading, Pa. Ladies' and girls' knit underwear. 179,554; Sept. 18.
Reading Underwear Co., Reading, Pa. Boys' knit underwear. 179,555; Sept. 18.
Reading Textiles. (See Wetherhold, William R.)
Realsilk Fabrics Corporation, Brooklyn, N. Y. Hosiery and knitted underwear. 170,308; May 8.
Real Silk Hosiery Mills, Indianapolis, Ind. Hosiery. 157,535; May 8.
Reardon Company, The St. Louis, Mo. Calcimine. 174,214; Feb. 27.
Reboul, Theophile T., New Orleans, La. Coffee. 163,698; Jan. 9.
Reckitts (U. S. A.), Ltd., New York, N. Y., and New Brunswick, N. J. Laundry blue. 162,137; Sept. 25.
Recreation Distributing Co., New York, N. Y. Knitted sport coats. 183,892; Dec. 11.
Red Ball Transit Company. (See Hiner, Ward B.)
Red Chief Polish Manufacturing Company, New Orleans, La. Polish for automobiles, furniture, etc. 166,264; Oct. 23.
Redfern Medicine Company. (See Gebhart, Edgar S.)
Red Foot Products Company, Inc., Detroit, Mich. Medicinal preparations. 179,742; Oct. 23.
Red Head Manufacturing Company, New York, N. Y. Hand drills. 179,820; July 17.
Red Hed Mfg. Co., Boston, Mass. Cocks, stop and waste and corporation. 170,787–8; Mar. 20.
Redland Citrus Growers Association, Homestead, Fla. Fresh citrus fruits. 168,068; Apr. 3.
Red Mill Hosiery Company, Inc., Philadelphia, Pa. Hosiery, underwear, sweaters, and neckties. 182,770; Oct. 16.
Red-O-Led Plaster Co., The, Morgantown, W. Va. Drawing plaster. 174,799; June 26.
Red-Ot Company, The. (See Peters, William H.)
Red Seal Products Company. (See McCoy, Lon A.)
Red Star Macaroni Co. Inc., Brooklyn, N. Y. Macaroni and sphaghetti. 167,101; Jan. 23.
Red Star Milling Company, The, Wichita, Kans. Wheat flour. 172,173; May 8.
Red Star Milling Company, The, Wichita, Kans. Wheat flour. 173,242; June 5.
Red Star Milling Company, The, Wichita, Kans. Wheat flour, self-rising pancake flour, wheat meal, etc. 178,192; Nov. 6.
Red Sun Products Co. (See Goldman, Sigmund L.)
Red Top Malt Extract Co., Cincinnati, Ohio. Malt sirups. 164,831; Aug. 28.
Reed & Barton Corporation, Taunton, Mass. Alcohol fuel cubes. 145,713; May 22.
Reed, Charles A. L., doing business as Clifton Laboratories, Cincinnati, Ohio. Dentifrice and prophylactic paste. 174,860; May 15.
Reed, E. P., & Co., Rochester, N. Y. Shoes made of leather. 174,527; May 22.
Reed, E. P., & Co., Rochester, N. Y. Shoes made of leather. 175,164; May 22.
Reed, E. P., & Co., Rochester, N. Y. Shoes made of leather. 180,553–4; Sept. 4.
Reed, Ernest A., New York, N. Y. Yarns. 179,623; July 10.
Reed, Howard, Marysville, Calif. Fresh pears. 161,579; Oct. 16.
Reed Oil Company, Rogers, Ark. Lubricating oils and greases. 176,365; Sept. 18.
Reed Oil Company, Rogers, Ark. Lubricating oils and greases. 176,366; June 19.
Reed Roller Bit Co., Houston, Tex. Rotary drill bits, reamers, fishing tools for wells. 159,055; Sept. 18.
Reed, Wm., Engineering Company, Louisville, Ky. Oily liquid for impregnating the filling mass of air filters. 175,371; June 26.
Reeder, Oliver, & Son, Inc., Proprietors of the Baltimore Copper Paint Company, Baltimore, Md. Paints and varnishes. 173,006; Apr. 17.
Reeder-Stage Chemical Company, The, Saginaw, Mich. Cleaning compound. 170,954; May 1.
Reel, Mauan, Canaan, Conn. Stove polish. 168,789; Feb. 27.
Reel Products Company, Cedar Rapids, Iowa. Yeast cakes for culinary purposes. 171,104; May 8.
Reese, Bert, Philadelphia, Pa. Cartoons and illustrations used for advertising purposes. 173,209; Apr. 24.
Reese Chemical Co., The, Cleveland, Ohio. Prophylactic remedy. 155,122; Apr. 10.
Reese Chemical Company, The, Cleveland, Ohio. Remedy for the treatment of goiter. 178,359; July 17.
Reese, Edward, doing business as Standard Crystal Company, Newark, N. J. Detector crystals used in wireless receiving sets. 172,494; June 5.
Reeside, John B., doing business as Reeside Drug Company, Baltimore, Md. Compound used in the treatment of headache, neuralgia, etc. 176,100; Nov. 6.
Reeves Coal and Dock Co., Minneapolis, Minn. Coal. 164,194; July 17.
Refining Products Co. (See Whitman, Edmund B.)
Regal Knitting Company, New York, N. Y., assignor to Bear Brand Hosiery Co., Chicago, Ill. Knitted wear for infants and children. 172,293; Aug. 7.
Regal Record Company, New York, N. Y. Phonograph records. 182,485; Dec. 11.
Regal Supply Corporation, New York, N. Y. Baking powder and cream of tartar. 163,111; Aug. 21.
Regan, Henry G., New York, N. Y. Publication issued weekly. 185,091; Dec. 4.
Regent Laboratories. (See Milliken, John T., & Company.)
Regulation Paint Co., Louisville, Ky. Paint, varnish, paint enamel, etc. 176,044; May 8.
Regulation Paint Co., Louisville, Ky. Ready-mixed paints. 183,596–7; Sept. 18.
Reichel, Edward A., Co., Milwaukee, Wis. Oils and greases used for lubricating purposes. 159,885; Aug. 7.
Reid Bros., Inc., San Francisco, Calif., and Seattle, Wash. Metal and wood aseptic furniture. 168,790; July 3.
Reid, Murdoch & Co., Chicago, Ill. Canned fruits and fruit preserves, canned vegetables, etc. 163,176; Nov. 20.
Reid, Murdoch & Co., Chicago, Ill. Canned fruits, preserved fruits, and canned vegetables, etc. 165,818; Nov. 13.
Reid, Murdoch & Co., Chicago, Ill. Canned fish. 167,828; Sept. 25.
Reid, Murdoch & Co., Chicago, Ill. Baking powder and baking soda. 176,283; June 19.
Reid, Murdoch & Co., Chicago, Ill. Tea. 183,854–5; Oct. 9.
Reid, Murdoch & Co., Chicago, Ill. Tea. 183,940; Oct. 9.
Reid, Murdoch & Co., Chicago, Ill. Baking powder and cream of tartar. 184,422; Nov. 27.
Reienvalen, D., Cleveland, Ohio. Advertising literature. 156,860; June 12.
Reiff, Ronald A., Pottstown, Pa. Ladies' knitted underwear. 176,216; June 19.
Reiffman-Corn Inc., New York, N. Y. Vests for outer wear for men. 177,801; July 31.
Reilly, John R., Los Angeles, Calif. Inner tubes and rubber-tire covers. 185,230; Dec. 4.
Reilly, William J., Brooklyn, N. Y. Leather floor mats and runners. 158,154; Mar. 13.
Rein, F. Charles, & Son, America, Inc., New York, N. Y. Instruments for aiding the hearing. 180,080; Sept. 4.
Reinhertz, Max I., doing business as Reinhertz Mfg. Co., San Francisco, Calif. Men's pants. 171,957; June 12.
Reiss, Fred, doing business as Paramount Specialty Co., Louisville, Ky. Cleanser for artificial teeth. 180,891; Sept. 25.
Reish, George L., assignor to R. V. Foster, Mifflinburg, Pa. Leather preservatives. 175,324; July 3.
Reith, Charlotte E., Carthage, Mo. Outer suits of cloth and leather. 172,122; May 29.
Reliable Household Specialties Mfg. Co. (See Bernstein, Samuel.)
Reliable Importing Co. Inc., New York, N. Y. Vegetable salad oil. 168,238; Mar. 27.
Reliable Importing Company, Inc., New York, N. Y. Salad vegetable oil. 172,174; Apr. 10.
Reliance Manufacturing Company, Chicago, Ill. Men's and boys' work shirts, boys' blouses and play suits. 165,506; Jan. 9.
Reliance Manufacturing Company, Chicago, Ill. Men's and boys' work shirts. 167,268; Jan. 9.
Reliance Manufacturing Company, Chicago, Ill. Men's work shirts. 174,753; July 10.
Reliance Manufacturing Company, Chicago, Ill. Men's work shirts. 174,754; Nov. 20.
Remick, George E., doing business as Remlock Hills Laboratory, Denver, Colo. Asthma treatment. 180,081; Dec. 18.
Remien & Kuhnert Co., Chicago, Ill. Varnishes. 175,885; Apr. 10.
Remiller Co., The, New York, N. Y. Soap. 172,353; Feb. 20.
Remiller Co., The, New York, N. Y. Soap. 173,673; Mar. 20.
Remiller Co., The, New York, N. Y. Face and hand lotion. 178,472; July 10.
Remiller Co., The, New York, N. Y. Rouge. 180,723; Aug. 28.
Remiller Co., The, New York, N. Y. Talcum powder. 181,866; Sept. 25.
Remiller Co., The, New York, N. Y. Lip rouge. 186,292; Dec. 11.
Remington Salt Company, Ithica, N. Y. Salt. 182,317; Oct. 16.
Remlock Hills Laboratory. (See Remick, George E.)
Remmers Soap Company, The, Cincinnati, Ohio. Soap. 171,551; Feb. 20.
Remmers Soap Company, The, Cincinnati, Ohio. Soap. 171,589; Mar. 6.
Renard, Henry L., Philadelphia, Pa. Insecticides and fungicides. 183,993; Dec. 18.
Renovatol Company, Philadelphia, Pa. Preparation adapted to be applied to brake bands, brake drums, clutches, belts, etc. 182,673; Oct. 16.
Renulife Electric Co., Detroit, Mich. Electric therapeutic apparatus, including violet-ray, ozone generators, etc. 178,193; June 19.
Reol Refrigerator Co. (See Ottenheimer, Reuben E.)
Republic Iron & Steel Company, Youngstown, Ohio. Iron and steel. 183,994; Oct. 23.

Republic Knitting Mills, Philadelphia, Pa. Knit underwear and athletic suits. 183,316; Oct. 30.
Republic Photographic Corporation, Ferguson, Mo., and New York, N. Y. Electric lamps for use in photographic and moving-picture studios. 170,339; Jan. 2.
Republic Photographic Corporation, Ferguson, Mo. Sensitized photographic paper. 174,336; Apr. 3.
Republic Rubber Company, The, Youngstown, Ohio. Tire casings. 173,300; Sept. 4.
Republic Rubber Company, The, Youngstown, Ohio. Solid, semisolid, and pneumatic elastic tires and inner tubes. 181,867; July 17.
Republic Rubber Company, The, Youngstown, Ohio. Fire and garden hose. 186,614; Dec. 4.
Republic Varnish Company, Newark, N. J. Ready-mixed paint, varnish, and paint enamel. 177,107; May 15.
Republican Women of Pennsylvania, Incorporated, Philadelphia, Pa. Periodical published at monthly intervals. 182,610; Sept. 18.
Requa Bros., Cold Spring Harbor, N. Y. Baking powder. 170,833; Mar. 27.
Requa Bros., Cold Spring Harbor, N. Y. Coffee and tea. 170,834; May 15.
Resco Radio Co., The. (See Radio Engineering & Sales Co.)
Research Advertising Bureau. (See Cook, Jerome I.)
Resetar Bros., Watsonville, Calif. Fresh apples. 185,675; Nov. 13.
Resler, Herman & Company, Chicago, Ill. Cotton and silk and cotton piece goods, ladies' woolen dress fabrics, and dress linens. 159,286; June 19.
Resnick, Thomas E., Chicago, Ill. Neckwear, mufflers, sweaters, bathing suits, knitted torques. 176,761; Oct. 30.
Respro Inc., Providence, R. I. Electrical insulating material. 162,199; June 26.
Retailers' Manufacturing Corporation, Wilmington, Del.; Chicago, Ill., and Tulsa, Okla. Prophylactics for the prevention of sexual diseases. 172,014; Apr. 10.
Rett, William F., doing business as Nu-Ka-Na Remedy Co., Roselle, N. J. Medicine known as a blood purifier and body builder. 178,284; July 17.
Reubenstone, Louis, New York, N. Y. Jewelry. 169,423; Apr. 24.
Rex Cap Company. (See Goldstein, Sam.)
Rex Knitting Co., Little Falls, N. Y. Sweaters and sweater coats. 176,570; June 19.
Rex-Oil Company Inc., The, Pittsburgh, Pa. Cleaner for satin footwear. 186,158; Nov. 20.
Rex Rubber & Novelty Co. (See Caldwell, William.)
Rex Window Advertising Co., Inc., New York, N. Y. Paper and cardboard signs, displays, and billboard sheets. 177,051; June 12.
Rey-Del-Rey Candy Co. Philadelphia, Pa. Candy. 172,044; July 24.
Rey & Rey, Roquefort-sur-Soulzon, France. Machines for slicing and cutting cheese. 179,743; Aug. 21.
Reynier & Cie., assignor to Etablissements Reynier, Grenoble, France. Leather gloves. 143,409; May 22.
Reynolds, Charles A., doing business as C. A. Reynolds Leather Company, Camden, N. J. Goatskins, colt and horse hides, kips, and cow sides. 174,592; Apr. 24.
Reynolds, James R., doing business as Soldiers Bonus Products Co., Chicago, Ill. Beverages sold as soft drinks and sirups used in the preparation of same. 176,217; Apr. 17.
Reynolds Machine Company, The, Massillon, Ohio. Fabric-tire molds, cord-tire molds, solid cores, etc. 184,264; Nov. 20.
Reynolds, R. J., Tobacco Company. Winston-Salem, N. C. Cigarette paper. 181,349; July 24.
Reynolds & Reynolds Co., The, Dayton, Ohio. Writing tablets. 173,855; Mar. 6.
Reynolds, Wm. T., & Co., Inc., Poughkeepsie, N. Y. Coffee. 178,287; Sept. 25.
Rhea Manufacturing Co., Milwaukee, Wis. Wearing apparel—namely, aprons, dresses, and bloomers. 176,653; Aug. 7.
Rheinauer-Roth Knitting Mills, Inc., New York, N. Y. Knitted piece goods of wool, worsted, fiber silk, etc. 177,692; June 5.
Rheinauer-Roth Knitting Mills, Inc., New York, N. Y. Knitted piece goods of wood, worsted, etc. 177,693; June 26.
Rheumatum Company. (See Shefftel, Michael W.)
Rhodes, James H., & Company, Chicago, Ill. Pumice stone. 182,856–8; Oct. 16.
Rhodes, James H., & Company, Chicago, Ill. Polishing soap and pads of steel wool to be used therewith. 182,859; Oct. 30.
Rhodes & Ripley Clothing Company, Boston, Mass. Overcoats for men, women, and children. 173,724; June 26.
Rice, A. L., Inc., Adams, N. Y. Dry paint composition. 165,507; May 15.
Rice-Stix Dry Goods Company, St. Louis, Mo. Pyjamas, nightshirts, and night coats, beach coats, gymnasium coats, etc. 168,802; Feb. 6.
Rice-Stix Dry Goods Company, St. Louis, Mo. Hosiery. 175,567; June 12.
Rich-Alloy Company, The. Cleveland, Ohio. Alloys of gold for dental work. 163,354; Feb. 27.
Rich Brothers Cereal Company, Cedar Rapids, Iowa. Rolled oats. 174,031; May 15.
Rich-Maid Mfg. Co., Inc., Richmond, Va. Pop-corn confection. 167,328; Mar. 27.
Rich-Maid Mfg. Co., Inc., Richmond, Va. Popcorn confection. 171,816; June 19.
Rich-Maid Mfg. Co. Inc., Richmond, Va. Pop-corn confection. 171,817; Aug. 21.
Richard Hudnut, New York, N. Y. Perfumes, toilet water, vanishing cream, face powder, etc. 183,744; Nov. 13.
Richards, Anna M., doing business as Gramana Dairy Co., Phillipsburg, N. J. Fresh milk and cream. 175,372; Mar. 6.
Richards & Brennan Co., Randolph, Mass. Shoes, rubbers, overshoes, etc. 167,011; Mar. 27.
Richards, Joseph, Company Inc., New York, N. Y. Printed books and their component parts. 175,407; June 26.
Richards-Scheble Candy Co., The, Hutchinson, Kans. Candy. 182,771; Oct. 16.
Richardson & Boynton Co., New York, N. Y. Warm-air furnaces. 179,222; July 24.
Richardson Company, The, Lockland, Ohio. Bituminous compositions. 167,017; Mar. 27.
Richardson Company, The, Lockland, Ohio. Sanitary sound-deadening and insulating fabric. 173,533; Mar. 27.
Richardson Dry Goods Co., St. Joseph, Mo. Cotton, silk and cotton, linen, linen and cotton, and wool and cotton piece goods. 172,351; Apr. 10.
Richardson Dry Goods Company, St. Joseph, Mo. House dresses and aprons. 173,301; May 29.
Richardson & Holland, Inc., Seattle, Wash. Powdered sugar. 141,399; May 29.
Richardson-Marsh Corporation, The, Orlando, Fla. Fresh citrous fruits. 178,867; July 17.
Richardson, O. W., & Co., Chicago, Ill. Textile rugs and carpets. 168,552; Aug. 14.
Richardson, O. W., & Co., Chicago, Ill. Household furniture. 168,553; Mar. 27.
Richardson, O. W., & Co., Chicago, Ill. Phonographs and parts thereof. 171,038; Mar. 27.
Richardson, O. W., & Co., Chicago, Ill. Textile rugs and carpets. 175,944; May 15.
Richardson, O. W., & Co., Chicago, Ill. Linoleum. 175,945; May 15.
Richman, Philip, New York, N. Y. Fur garments. 162,349; Aug. 28.
Richmond Beverage Machine Corporation, Richmond, Va. Machines for dispensing beverages and the like. 155,640; Mar. 6.
Richmond Cedar Works, Richmond, Va. Filters and refrigerators. 177,694; June 5.
Richmond-Chase Company, San Jose, Calif. Canned fruits. 170,036; Mar. 13.
Richmond Dairy Company, Richmond, Va. Material for spraying trees and vegetables. 176,854; Aug. 21.
Richmond Engineering Company. (See Farley, Ernst W.)
Richmond Hosiery Mills, Rossville, Ga. Hosiery. 154,760; May 22.
Richmond Hosiery Mills, Rossville, Ga. Hosiery. 176,571; Sept. 18.
Richmond Hosiery Mills, Rossville, Ga. Hosiery. 182,838; Sept. 11.
Richmond Piston Ring Co. Richmond, Ind. Piston rings. 134,088; July 24.
Richter Card & Paper Co., Inc., New York, N. Y. Announcements. 179,224; July 3.
Richter, Julius, doing businesss as Globe Import Co., New York, N. Y. Scissors and pocketknives. 169,517; Apr. 10.
Richter, Julius, doing business as Globe Import Company, New York, N. Y. Manicure sets. 177,516; Nov. 27.
Richter, Julius, doing business as Globe Import Co., New York, N. Y. Manicure sets, including scissors and cuticles. 178,627; May 29.
Rick, James J., doing business as Health Food Distributing Company, New York, N. Y. Yeast extract. 187,018; Dec. 25.
Ridenour-Baker Grocery Company, Kansas City, Mo. Coffee. 176,218; Aug. 14.
Ridge, William F., doing business as Ridged Grip Company, Akron, Ohio. Grips for steering wheels of automobiles, etc. 174,261; July 17.
Ridgway, Charles R. (See Davis, O., and Ridgway.)
Ridley, Lotta B., Louisville, Ky. Face powder in paste form. 167,327; Apr. 24.
Ridley Watts & Co., New York, N. Y. Cotton piece goods. 117,190; Feb. 20.
Rieger, Ernest A., New York, N. Y. Silk piece goods. 170,899; Jan. 30.
Rieser Company Inc., The. (See Rieser, N., Company Inc.)
Rieser, N., Company Inc., The (now by change of name The Reiser Company Inc.), New York, N. Y. Soap. 172,654–6; Mar. 20.
Riesman, Philip, doing business as Royal Electric Company, Chelsea, Mass. Electric bulbs and lamps. 174,924; May 8.
Rigaud, Henri, doing business as Rigaud, Paris, France, and New York, N. Y. Perfume, toilet water, face and talcum powder, etc. 175,025; June 5.

Rike Folding Box Company, The, Dayton, Ohio. Paper garment bags. 159,882; Apr. 24.
Ringe, Mamie, Philadelphia, Pa. Candies. 154,570; Aug. 14.
Ringler, William A., Philadelphia, Pa. Receipt books and filing cards for bookkeeping purposes. 160,434; July 10.
Riodela Chemical Co., Wilmington, Del. Boiler compounds. 170,216; Feb. 13.
Rioux, Joseph F., doing business as Bliss Brothers Company, Attleboro, Mass. Cigarette holders. 173,610; Mar. 27.
Risdon Manufacturing Company, The, Naugatuck, Conn. Safety pins. 175,104; Aug. 7.
Ristel Manufacturing Company, Los Angeles, Calif. Refrigerators. 171,553; Feb. 13.
Rite Form Corset Co., Inc., The, New York. N. Y. Corsets. 175,106; Dec. 25.
Rite Form Corset Co. Inc., The, New York, N. Y. Corset steels. 175,107; June 12.
Ritestone Products Corporation, New York, N. Y. Stucco and composition of a cementitious nature for making flooring. 178,628; June 5.
Riteweb Manufacturing Company, Inc., Yonkers, N. Y. Athletic and knitted underwear. 178,285–6; July 10.
Ritter Brothers, New York, N. Y. Vanity cases and ladies' hand bags. 177,517; Apr. 24.
Ritter, Harry E., & Mary V. Gordon, Selinsgrove, Pa. Cancer salve. 176,917; July 10.
Ritter Hosiery Company, Fleetwood, Pa. Hosiery. 183,669; Sept. 25.
Ritter, Samuel P., doing business as Dr. Ritter's Laboratories, Hackensack, N. J. Antiseptic tablets. 169,780; Feb. 13.
Ritter's, Dr., Laboratories. (See Ritter, Samuel P.)
River-Lake Chemical Co., Silver Spring, Md. Fire-extinguishing compound. 160,905; Aug. 7.
Riverside Manufacturing Company, Moultrie, Ga. Service covers for automobiles and parts thereof. 182,611; Nov. 20.
Riverside Paint & Varnish Company, Boston, Mass. Ready-mixed paints. 164,195; Feb. 27.
Roach Tisdale & Co., Minneapolis, Minn. Confections comprising chocolates, bonbons, hard candies, etc. 173,534; Apr. 24.
Roach, W. R., & Company, Grand Rapids, Mich. Fresh fruits and vegetables. 159,054; June 19.
Roanoke Mills Company, Roanoke Rapids, N. C. Woven cotton fabrics including cotton flannels. 175,439; July 17.
Robbins, Henry A., Boston, Mass. Phonographs. 172,439; Feb. 27.
Robbins, Samuel D., Boston, Mass. Publication on the correction of stammering. 175,568; Sept. 25.
Robbins, William G., doing business as Webber Chemical Co., Los Angeles, Calif. Compound sirups, compound extract of coca leaves and kola nuts. 169,257; June 26.
Robert, Samuel, doing business as Konroe Merchants, New York, N. Y. Dolls. 173,244; Feb. 6.
Robert, Samuel, doing business as Konroe Merchants, New York, N. Y. Horticultural and floricultural products. 173,245; Mar. 13.
Robert, Samuel, doing business as Konroe Merchants, New York, N. Y. Egg slicers and cake forms. 173,246; June 19.
Robert, Samuel, doing business as Konroe Merchants, New York, N. Y. Dolls and toy favors. 173,247; May 15.
Robert, W. M., Chicago, Ill. Medical preparation for treatment of asthma. 169,562; Jan. 9.
Roberti Bros., Los Angeles, Calif. Closet and wall beds. 174,110; Mar. 27.
Roberts, Elbert C., doing business as E. C. Roberts Chemical Company, Newport News, Va. General household cleansing preparation, laundry soap, and soap chips. 175,270; Oct. 16.
Roberts, Lewis, Inc., Newark, N. J. Printing inks. 178,629; July 24.
Roberts, Julian, New York, N. Y. Hand sewing, knitting, crewel, chenille, etc., needles. 170,257; Feb. 27.
Roberts, O. L., Gary, Ind. Tonic for treatment of rheumatism, pains, swelling in the joints, etc. 167,657; Jan. 2.
Roberts, P. A., Construction Co., Inc., The, Washington, D. C. Garages. 180,619; Aug. 21.
Roberts, Tom H., Reigate, England. Chemical substances used in the manufactures, anticorrosives, and drug for vulcanization of rubber. 183,760; Nov. 13.
Robertson Bleachery & Dye Works, Incorporated, The, New Milford, Conn. Cotton piece goods. 183,802–3; Oct. 16.
Robertson, Bolling L., doing business as Manassas Feed & Milling Co., Manassas, Va. Corn meal, mill feeds, cracked corn, horse, etc., feed. 152,864; Mar. 27.
Robertson, Bolling L., doing business as Manassas Feed & Milling Co., Manassas, Va. Wheat flour. 169,323; Apr. 3.
Robertson Leather Company, Inc., New York, N. Y. Leathers. 177,329; June 19.
Robertson, Stelling Corporation, New York, N. Y. Automobiles, automobile chassis, and automobile accessories. 177,999; Oct. 16.
Robertson, Theo. B., Products Company, Chicago, Ill. Soap. 179,429; Oct. 16.
Robertson, Walter, & Son, Ltd., Brentford Bridge, Middlesex, England. Table jellies, caramel toffees, and other boiled-sugar goods. 167,690; Apr. 24.
Robeson Process Company, New York, N. Y. Liquid composition employed as a treating and tanning agent in the manufacture of leather from hides and skins. 169,684; Jan. 2.
Robeson, William B., Port Huron, Mich. Ready-mixed paint. 170,089; Feb. 27.
Robinette Co., The, Syracuse, N. Y. Hair grower. 167,195; Mar. 6.
Robinson, A. M., Company, Atlanta, Ga. Cotton piece goods. 180,496; Aug. 7.
Robinson, Alice G., Washington, D. C. Monthly publication. 182,719; Oct. 2.
Robinson, Evelyn A., doing business as The Vestrap Co., Minneapolis, Minn. Cross straps for connecting the supporting straps of ladies' undergarments. 185,765; Nov. 27.
Robinson, Guy A., doing business as The Neptune Laboratories, Dallas, Tex. Face-treating clay. 172,440; Feb. 27.
Robinson Milling Company, The, Salina, Kans. Wheat flour. 175,946; Nov. 6.
Robinson-Roders Co., Inc., The, Newark, N. J. Mattresses, pillows, bolsters, and cushions. 136,603; Aug. 7.
Robinson-Roders Co., Inc., The, Newark, N. J. Mattresses, pillows, bolsters, cushions. 136,604; Apr. 24.
Robinson Silk Company, Inc., New York, N. Y. Silk piece goods. 169,500; Mar. 27.
Robinson Silk Company, Inc., Astoria and New York, N. Y. Silk piece goods. 170,309–11; Jan. 30.
Robinson Silk Company, Inc., New York and Astoria, N. Y. Silk piece goods. 186,159; Dec. 11.
Robischon Corporation, New York, N. Y. Hosiery. 179,557; July 10
Robison, Frank, doing business as All Star Hosiery Co., Birmingham, Ala. Silk hosiery and knitted or woven silk underwear. 179,166; July 10.
Rochambeau Import & Export Co., New York, N. Y. Perfume bottles. 160,153; Nov. 6.
Roche, William E., doing business as The Roche Fruit and Produce Co., Yakima, Wash. Fresh apples. 171,552; June 26.
Rochelle Canneries, Inc., Rochelle, Ill. Canned vegetables. 187,347; Dec. 25.
Rochelle, Henry S., doing business as H. S. Rochelle Company, New York, N. Y. Silk shirts. 176,572; Nov. 20.
Rochelle Lace Works. (See Baechtold, Herman.)
Rochester Toy Company, Rochester, N. Y. Kiddie cars. 121,785; Feb. 20.
Rochon, Isidore, Fall River, Mass. Salve for piles, burns, and open sores. 173,725; June 26.
Rock Island Register Company, Rock Island, Ill. Registers for heating purposes. 165,157; Apr. 24.
Rock Lick Smokeless Coal Company, Beckley, W. Va. Coal. 174,977; May 29.
Rock Strong Hosiery Co., Wilmington, Del. Hosiery. 165,158; Mar. 20.
Rockaway Exterminating Company, Rockaway Beach, N. Y. Chemical compounds to be used as insect exterminators. 167,584; Jan. 9.
Rockaway Pharmacal Co. (See Ehrlich, Isadore.)
Rockcastle Cement & Lime Company, The, Baltimore, Md., and Pine Hill and Mount Vernon, Ky. Lime. 179,113; Aug. 21.
Rockford Manufacturing Co. (See General Engineering & Construction Company.)
Rockford Wholesale Grocery Co., Rockford, Ill. Coffee. 169,263; Apr. 17.
Rockwood Manufacturing Company, The, Indianapolis, Ind. Fillers for power-transmission pulleys. 163,113; Oct. 2.
Rocky Ford Melon Growers Spray Manufacturing Co. (See Burrell, D. V.)
Rodefeld Mfg. Co., Richmond, Ind. Automobile timers. 182,184; Aug. 21.
Rodex Company. The. (See Lagerholm, Fred E.)
Rodgers, John M., doing business as Rodgers' Bottling Co., Vallejo, Calif. Beverages sold as soft drinks and sirups for making the same. 185,189; Oct. 9.
Rodiger, Walter G., doing business as Cheeri-o Shoppe, Pasadena, Calif. Candy. 182,997; Dec. 11.
Rodrigues, Manuel R., Brooklyn, N. Y. Electrical apparatus, machines, and supplies. 172,123; Nov. 20.
Rodriguez, Salvador, New York, N. Y. Cigars. 178,360; May 8.
Rodriguez, Salvador, New York, N. Y. Cigars. 178,869; May 29.
Rodriguez, Salvador, New York, N. Y. Cigars. 182,262; Sept. 25.
Rodriguez, Salvador, New York, N. Y. Cigars. 182,263; Nov. 6.
Rodriguez, Salvador, New York, N. Y. Cigars. 182,264–5; Sept. 25.
Roe, William G., Winterhaven, Fla. Fresh citrous fruits. 177,408; Oct. 16.
Roe, William G., Winterhaven, Fla. Fresh citrous and deciduous fruits. 177,409; May 29.
Roe, William G., Winterhaven, Fla. Fresh citrous fruits. 177,410; July 3.

Alphabetical list of trade-mark applicants—Continued.

Roebling's, John A., Sons Co., Trenton, N. J. Wire rope. 185,380; Oct. 23.
Roehrig, Robert H., San Francisco, Calif. Motion-picture productions. 169,325; Feb. 20.
Roessel, Louis, & Co. Inc., Hazleton, Pa., and New York, N. Y. Crêpes and silk goods in the piece and veiling. 174,529; May 22.
Roessel, Louis & Co. Inc., New York, N. Y. Crêpes and veilings in the piece. 175,523; June 5.
Roessler & Hasslacher Chemical Co., The, New York, N. Y. Nonferrous alloy containing various proportions of nickel, copper, and zinc. 167,013; Feb. 6.
Roessler & Hasslacher Chemical Company, The, New York, N. Y. Composition of matter for use in electroplating. 167,016; Jan. 2.
Roesze, Ralph. (See Rose, Ralph.)
Roethlisberger & Co., Inc., New York, N. Y. Cheese. 164,198; Jan. 30.
Rogers Bracket Company. (See Rogers, Joel H.)
Rogers Candy Company, Meridian, Miss. Candy. 182,612–14; Oct. 16.
Rogers & Co. (See Ratner, Harry.)
Rogers Electric Company, Inc., Miles City, Mont. Electrical curling irons. 167,830; Oct. 9.
Rogers, Francis, & Sons, New York, N. Y. Arch supports. 172,557; Apr. 24.
Rogers & Hubbard Company, The, Portland, Conn. Fertilizers. 166,713; Apr. 3.
Rogers, Joel H., doing business as Rogers Bracket Company, Jacksonville, Fla. Curtain brackets. 170,729; Apr. 3.
Rogers, John A., Yonkers, N. Y. Preparation for hair restoring and growing. 183,891; Dec. 18.
Rogers, John W., doing business as Sanateva Research Co., Washington, D. C. Medicine used as an antiseptic and mouth wash. 186,858; Nov. 13.
Rogers Peet Company, New York, N. Y. Mén's and boys' hats and caps. 169,084; Jan. 9.
Rogers Peet Company, New York, N. Y. Men's and boys' overcoats and suits. 183,231; Oct. 9.
Rogerson, Robert, Chicago, Ill. Salve for treatment of blood poison and a healing salve. 169,649; Jan. 2.
Rohe & Brother, New York, N. Y. Smoked pork products. 171,708; Aug. 14.
Röhm & Haas Aktiengesellschaft, Darmstadt, Germany. Glue and gelatins used in the manufacture of glue. 164,196; July 17.
Rohm & Haas Aktiengesellschaft, Darmstadt, Germany. Swelling and unhairing agents for all kinds of skins and hides. 164,557; Jan. 2.
Röhm & Haas Aktiengesellschaft, Darmstadt, Germany. Disinfectants, dyes, emulsion gelatin, etc. 165,888; Sept. 25.
Rohm & Haas Company, Philadelphia, Pa. Sulphoxylate of zinc formaldehyde. 166,018; Jan. 2.
Rollaway Motor Company, The, Toledo, Ohio. Automobile steering-gear-control wheels. 162,853; Apr. 10.
Rollee. (See Lanfranchi, Anne.)
Roller, D. Henry, doing business as Henry Roller, Muncie, Ind. Candies. 182,692; Dec. 4.
Roller, George W., Spokane, Wash. Insecticide for use in exterminating rodents and insects. 173,364; Apr. 24.
Rolup Screen Company, Wilmington, Del., and New York, N. Y. Article made of canvas or other fabric having metal cross strips and roller. 171,511; Sept. 4.
Rolzup Auto-Robe Corporation, New York, N. Y. Robe containers for automobiles. 170,157; Feb. 6.
Roman, Andrew M., Chicago, Ill. Chemical preparations for use in making blood tests. 168,803; Feb. 13.
Roman Inc., Boston, Mass. Shampoo oil. 182,674; Nov. 13.
Romano, Jacques, New York, N. Y. Massage cream. 184,295; Dec. 18.
Rombro Brothers, Baltimore, Md. Work shirts. 183,633; Oct. 16.
Rome Importing Co., New York, N. Y. Olive oil. 175,680; June 26.
Romeo, Dominick, Paterson, N. J. Palliative for venereal diseases. 170,449; Mar. 6.
Romeo, F., & Co. Inc., New York, N. Y. Olive oil. 167,364; Aug. 21.
Romer Axe and Tool Company, Dunkirk, N. Y. Tools. 155,070; Apr. 17.
Romer, Frank, Washington, D. C. Printed advertising matter. 180,239; Aug. 21.
Rondeau, Francois X., doing business as Radio Stomach Relief Co., Brockton, Mass. Stomach preparation. 165,035; July 10.
Rood Candy Co., The, Pueblo, Colo. Candy. 171,188; Mar. 27.
Rood Candy Company, The, doing business as Roods, Pueblo, Colo. Candy. 162,581; July 10.
Roos, Ed., Company of Forest Park, Forest Park, Ill. Cedar chest. 173,675; May 1.
Roosa, Herbert H., Rochester, N. Y. Boots, shoes, shoe heels and shanks, and parts of boots and shoes. 167,658; Aug. 28.
Roosa & Ratliff Chemical Co., The, also doing business as Roosa & Ratliff Perfume Co., Cincinnati, Ohio. Perfume, cold cream, hair oil, shampoo, etc. 185,621; Dec. 11.
Root, A. I., Co., The, Medina, Ohio. Beehives and comb foundations. 128,133; June 5.
Root, A. I., Company of Texas, San Antonio, Tex. 181,698; Oct. 30.
Roper, Geo. D., Corporation, Rockford, Ill. Electric stoves and ranges. 171,655; Feb. 6.
Roper, Geo. D., Corporation, Rockford, Ill. Compilation and card index of recipes, and printed recipes. 176,654; July 31.
Ropp, Eugène, Beaume-les-Dames, France. Pipes, cigar and cigarette holders. 180,498; Nov. 13.
Rorer, William H., Philadelphia, Pa. Chlor-methyl liniment for sprains, bruises and fractures, pepsin, etc. 165,639; Jan. 30.
Rose, Alex, doing business as Logan Baking & Creamery Co., Logan, W. Va. Bread, cakes, and pies. 175,887; Sept. 18.
Rose Company, The, Philadelphia, Pa. Writing paper and envelopes. 183,232; Sept. 11.
Rose, E. B., Co., The, East Stroudsburg, Pa. Washing powder. 173,212; Oct. 16.
Rose & Frank Company, New York, N. Y. Cloth used for making typewriter ribbon. 172,175; Jan. 30.
Rose, Herman R., doing business as Shamrock Mfg. Co., Newark, N. J. Radio receiving sets and parts thereof. 182,847; Nov. 20.
Rose, Ralph, doing business as Ralph Roesze, Zion City, Ill. Chemical, medical, and pharmaceutical preparation for removing hair from the human body. 173,299; May 1.
Rose, W. B., Chicago, Ill. Sunday-school publications. 186,722; Dec. 18.
Rosebrand Co., Atlantic City, N. J. Nasal solution, douche therefor, and package containing both. 173,008; Apr. 10.
Rosemary Manufacturing Company, Roanoke Rapids, N. C. Jacquard-woven fabrics—namely, table, damask, tablecloths, and napkins. 175,027; June 19.
Rosen, Isidore, doing business as Capital Neckwear Company, New York, N. Y. Collars, scarfs, neckties, and cravats. 182,062; Oct. 30.
Rosen & Listengart, Brooklyn, N. Y. Phonographs and parts thereof. 179,558; July 24.
Rosenberg, B., & Sons, Inc., New Orleans, La. Boots, shoes, slippers, made of leather, rubber, canvas. 149,933; Jan. 2.
Rosenberg Bros., New York, N. Y. Ladies' furs. 178,675; Aug. 14.
Rosenberg Bros. & Co., San Francisco, Calif. Rice and rice flour. 161,062; Dec. 11.
Rosenberg & Co., Inc., New York, N. Y. Pearls. 186,484; Dec. 11.
Rosenberg, Henry, New York, N. Y. Belts. 173,248; Sept. 4.
Rosenberg, Henry, New York, N. Y. Pelts. 173,248; Nov. 20.
Rosenberg, Henry, New York, N. Y. Fur pelts. 173,443; Aug. 21.
Rosenberg, Kate F., doing business as Conservative Chemical Products Company, Chicago, Ill. Belt dressings. 171,284; Mar. 6.
Rosenberg, Louis F., doing business as The "Rosilk" Company, Providence, R. I. Silk thread for stringing pearls and beads. 178,933; May 29.
Rosenberg, M. H., & Co., New York, N. Y. Cotton piece goods. 172,806; Oct. 16.
Rosenberg, Morris S., New York, N. Y. Horological instruments. 180,240; Oct. 30.
Rosenberg, Samuel, doing business as Phenix Packing Co., New York, N. Y. Caviar. 178,361; Aug. 7.
Rosenberg, Samuel, doing business as Phenix Packing Co., New York, N. Y. Caviar. 178,362; Oct. 2.
Rosenberger, William A., Chemical Products Company. (See Rosenberger, William A.)
Rosenberger, William A., doing business as William A. Rosenberger Chemical Products Company, New York, N. Y. Chemical compounds to be introduced into molten iron and steel for casting metals. 169,871; Feb. 13.
Rosenberger, William A., doing business as William A. Rosenberger Chemical Products Company, New York, N. Y. Compound for the desulphurization and deoxidation of molten metals preparatory to the pouring of the same into molds for casting. 172,059; Apr. 10.
Rosenbloom, J. Philip, Co. Inc., New York, N. Y. Young ladies' dresses. 169,457; May 1.
Rosenblum, Abe, Brooklyn, N. Y. Fresh potatoes, onions, apples, and carrots. 171,656; Feb. 20.
Rosenfeld, John, Washington, D. C. Imitation pearls. 171,006; Feb. 6.
Rosenthal, A. S., Co., Inc., New York, N. Y. All-silk fabric. 176,502; May 1.
Rosenthal, A. S., Company, Inc., New York, N. Y. Silk and cotton goods and goods containing a mixture of cotton and silk, all in the piece. 182,933; Sept. 25.
Rosenthal, Edward S., doing business as Sportman's Digest, Cincinnati, Ohio. Monthly publication. 168,002; Jan. 2.
Rosenthal-Porzellanfabrik vorm. Jac. Zeidler & Co., Bahnhof Selb, Germany. China. 170,547; Dec. 18.
Rosenthal, Robert, & Co., Inc., New York, N. Y. Silk and artificial-silk piece goods. 167,489; Oct. 16.
Rosenwald-Milius Co., Inc., New York, N. Y. Parlor board game. 170,955; Jan. 16.
Rosenwald & Weil, Chicago, Ill. Wearing apparel for men and women. 168,070; Jan. 9.

Rosenwald & Weil Inc., Chicago, Ill. Wearing apparel for men and women. 180,892; Aug. 7.
Rosenwasser Bros., Inc., Astoria, N. Y. Leather shoes. 164,071; Dec. 4.
Rosenzweig, Joseph, Troy, N. Y. Underwear, shirts, drawers, notions, etc. 179,430; Dec. 4.
Roseth Corporation, The, Brooklyn, N. Y. Mothproof bags. 185,265; Nov. 27.
"Rosilk" Company, The. (See Rosenberg, Louis F.)
Rosoff, Maurice H., doing business as The Rosoff Pharmacal Company, Philadelphia, Pa. Organic compound of mercury used as a local antiseptic in medicine. 178,773; Nov. 6.
Ross, Charles F., New York, N. Y. Healing salve. 183,454; Dec. 18.
Ross Company, New York, N. Y. Rouge. 176,763; June 19.
Ross Company, New York, N. Y. Preparation for treating the eyebrows and eyelashes. 176,764; June 12.
Ross & Company, New York, N. Y. Catalogues published annually. 169,327; Oct. 2.
Ross, Nathan K., Silvis, Ill. Beverages sold as soft drinks and sirups for making the same. 172,441; Feb. 20.
Ross, Sydney, Co., The, Newark, N. J. Purgatives or laxative tablets. 168,903; Jan. 2.
Ross, Sydney, Co., The, Newark, N. J. Preparations for treatment of la grippe, influenza, coughs, colds, etc. 169,985; Feb. 6.
Rossi, Peter, & Sons, Inc., Braidwood, Ill. Macaroni. 170,730; May 8.
Rosso, Charles J., Duluth, Minn. Candy. 183,317; Sept. 18.
Rostine, Carl R., Ontario, Calif. Medical preparation for coughs, colds, croup, etc. 175,569; July 24.
Rostold, Pauline, New York, N. Y. Infants' and children's dresses, rompers, overslips, and petticoats. 172,558; June 5.
Rostow, Anna D., doing business as The Anita Company, Newark, N. J. Markers for towels, etc. 179,013; Aug. 14.
Roth, Paul, doing business as P. Roth & Company, New York, N. Y. Pearls. 185,381; Nov. 27.
Roth Tobacco Company, Cape Girardeau, Mo. Twist and plug tobacco. 182,006–7; Oct. 2.
Rothman, Nathan, doing business as Rough Rider Manufacturing Company, San Francisco, Calif. Khaki, corduroy, and worsted pants. 167,019; June 19.
Rothschild & Company, Chicago, Ill. Pearl necklace. 176,503; May 29.
Rothchild, Isidor, New York, N. Y. Quilts and textile blankets. 179,961; Aug. 28.
Rothschild, Rae, doing business as Everite Novelty Company, New York, N. Y. Writing pads. 180,812; Aug. 14.
Rotolo, Benedict A., Brooklyn, N. Y. Hair tonic. 174,030; Apr. 10.
Roubaix Mills, Inc., Clinton, Mass., and New York, N. Y. Piece goods made of wool. 179,167; June 5.
Roubaix Mills, Inc., New York, N. Y. Silk, artificial-silk, cotton, linen, and woolen piece goods. 182,359; Aug. 28.
Roubaix Mills, Inc., Clinton, Mass., and New York, N. Y. Piece goods made of wool. 187,541; Dec. 25.
Rouff, Seymour, doing business as Maison Rouff, New Orleans, La. Infants' and young children's apparel. 174,864; Aug. 28.
Rough Rider Manufacturing Company. (See Rothman, Nathan.)
Roulston, Thos., Inc., Brooklyn, N. Y. Coffee. 171,039; June 5.
Rouse, Hempstone & Co., Inc., Baltimore, Md. Men's and boys' work shirts, flannel shirts, and pants. 158,451; July 17.
Rover Company, Limited, Coventry, England. Motor cars, bicycles, tricycles, motor cars. 173,009; June 12.
Rowan, C. G. (See Goodwin, Harry L., assignor.)
Rowley, Alfred J., Toronto, Ontario, Canada. Concrete tiles and molds. 167,925; Dec. 18.
Rowsey, J. Louis, Olive Hill, Ky. Preparation for the treatment of tuberculosis, asthma, and hay fever. 165,036; Nov. 13.
Royal Candy Company, St. Louis, Mo. Chocolates and nut candy. 153,951; Apr. 17.
Royal Card & Paper Company, New York, N. Y. Envelopes. 184,564; Nov. 20.
Royal Cocoa Co., Jersey City, N. J. Chocolate pudding, powdered cocoa, powdered chocolate and cocoa. 136,388; Nov. 27.
Royal Electric Company. (See Riesman, Philip.)
Royal Palm Truckers Association, Homestead, Fla. Fresh tomatoes. 165,461; Jan. 2.
Royal Progressive Company. (See Norflett, John C.)
Royal Seal Food Products Co., Chicago, Ill. Dates, salted nuts, and preserved figs. 170,789; May 8.
Royal Underwear Company, Reading, Pa. Women's knitted underwear. 183,670; Oct. 16.
Royal Worcester Corset Company, Worcester, Mass. Corsets, corset waists, brassières, bandeaux, belts, etc. 169,650; Feb. 20.
Royal Worcester Corset Company, Worcester, Mass. Corsets, corset waists, brassières, etc. 179,744; Nov. 13.
Roxana Petroleum Corporation, St. Louis, Mo. Lubricating oil. 185,991; Nov. 20.
Rubay Company, The, Cleveland, Ohio. Gasoline vehicles. 171,658; Aug. 28.
Rubber & Celluloid Products Company, doing business as Rubberset Company, Newark, N. J. Shaving brushes. 179,962; July 17.
Rubber Process Corporation, Detroit, Mich. Chemical compound. 180,944; Oct. 9.
Rubber Service Laboratories Co., The, Akron, Ohio. Compound produced by the interaction of aldehydes and amines and used in curing rubber articles. 177,624; Aug. 14.
Rubber Service Laboratories Co., The, Akron, Ohio. Compound used in the curing of rubber articles. 182,998; Oct. 30.
Rubber Service Laboratories Company, The, Akron, Ohio. Accelerators, fillers, pigments, etc. used in the compounding of rubber articles. 171,469; Feb. 27.
Rubber Service Laboratories Company, The, Akron, Ohio. Compound used in the curing of rubber articles. 171,470; Aug. 7.
Rubber Service Laboratories Company, The, Akron, Ohio. Hardwood pitch. 171,471; Aug. 14.
Rubberhide Company, Boston, Mass. Boots and shoes. 170,992; Sept. 18.
Rubberset Company. (See Rubber & Celluloid Products Company.)
Rubber-Weld Sales Company, Boston, Mass. Rubber repair outfits. 174,215; Aug. 21.
Ruben, Henry, doing business as To-Rain-On Products Co. (Not Inc.), Chicago, Ill. Roof cement. 178,409; Aug. 7.
Rubenstein, Benjamin, doing business as Fair-Sex Brassiere Co., New York, N. Y. Brassières. 161,146; Feb. 6.
Ruberoid Co., The, Boundbrook, N. J., and New York, N. Y. Bituminized roofings, shingles, and strip shingles. 182,721; Sept. 4.
Rubin Bros. Foot-Wear, New York, N. Y. Leather, cloth, and fabric shoes and slippers and cloth spats. 169,826; Apr. 3.
Rubin Bros, Foot-Wear, New York, N. Y. Shoes, slippers, and cloth spats. 169,827; Mar. 6.
Rubin Brothers, New York, N. Y. Shoes, slippers, spats. 172,559; May 22.
Rubin Shoe Co., New York, N. Y. Women's, misses', and children's shoes of leather. 164,515; Feb. 27.
Rubin Shoe Co., New York, N. Y. Women's, misses,' and children's shoes. 164,994; Mar. 6.
Rubinow, Joseph H., doing business as J. H. Rubinow, New York, N. Y. Ladies', misses', and children's hat linings. 181,699; Sept. 11.
Rubinowitz Bros., New York, N. Y. Hosiery and underwear. 182,266; Oct. 2.
Rubinsky, Benjamin, doing business as Youngsters Novelty Co., New York, N. Y. Boys' suits and girls' dresses. 174,262; Sept. 11.
Rub-No-More Company, The, Fort Wayne, Ind. Cleanser. 182,772; Nov. 13.
Rubsam, J., Co., Inc., New York, N. Y. Pills and tablets for regulating menstrual functions. 169,138; July 24.
Rudnick, Harry, New York, N. Y. Medicated foot powder for human use. 169,564; Jan. 9.
Ruffner, Meyer F., doing business as R. & R. Manufacturing Company, Okmulgee, Okla. Cooked potato resembling potato chips. 172,442; May 8.
Rugby Creamery, Rugby, N. Dak. Butter. 181,779; Oct. 2.
Rugby Milling Company, The, Rugby, N. Dak. Wheat flour. 162,055; Mar. 20.
Rugclenso Mfg. Co., Topeka, Kans. Rug-cleaning compound. 160,778; May 29.
Rugg, E. T., & Co., Newark, Ohio. Cordage. 158,835; May 15.
Ruggles, Harry M., doing business as Dryol Polish Mfg. Co., Philadelphia, Pa. Cleaning and polishing oil for varnished, painted, and lacquered surfaces. 165,159; May 8.
Ruggles & Ruggles. (See Johnson, Leonard W.)
Ruiz, Gonzalo, New York, N. Y. Puncture-filling compound for automobile and other tires. 170,406; Jan. 9.
Rummel, Hines & Co., Shippensburg, Pa. Overalls, jumpers, shirts, trousers, etc. 183,410; Oct. 30.
Ruppert, Jacob, New York, N. Y. Barley-malt extract. 173,213; May 1.
Rushmore Paper Mills, Inc., Brooklyn and New York, N. Y. Toilet paper and paper towels. 175,272; Mar. 27.
Rusonite Products Corporation, New York, N. Y. Radio rectifiers and cat whiskers. 175,739; May 29.
Russ, E. F., Company, Boston, Mass. Glue. 181,700; July 31.
Russ Manufacturing Company, The, Cleveland, Ohio. Washing and ironing machines. 171,472; Feb. 20.
Russell Grader Manufacturing Company, Minneapolis, Minn. Road-grading machines. 169,085; Feb. 6.
Russell, Isaiah D., doing business as I. D. Russell Company, Kansas City, Mo. Insecticide. 184,424; Nov. 27.
Russell, John W., Bryan, Ohio. Wheat flour made from cereals. 164,116; Mar. 20.
Russell Manufacturing Co., The, Middletown, Conn. Brake lining. 157,007; Nov. 13.

Alphabetical list of trade-mark applicants—Continued.

Russell Manufacturing Company, The, Middletown, Conn. Elastic webbings. 169,258; Jan. 9.
Russell Manufacturing Company, The, Middletown, Conn. Elastic webbings. 170,548; Jan. 9.
Russell Playing Card Co., Milltown, N. J. Playing cards. 172,176; Jan. 30.
Russell Playing Card Co., Milltown, N. J. Playing cards. 175,948; May 29.
Russell Playing Card Co., Milltown, N. J. Playing cards. 177,109; Apr. 24.
Russo, Andrea, Chicago, Ill. Olive oil and canned anchovies. 177,411; May 29.
Russpharmaco Products Co. (See Paul, Israel.)
Rustnot Products Company. (See Porter, Kenneth E.)
Ruwe, Edgar C., Company, Inc., New York, N. Y. Envelopes and paper. 154,889; June 5.
Ruxton, Philip, Incorporated, New York, N. Y.; Chicago, Ill.; Boston, Mass.; St. Paul, Minn.; and St. Louis, Mo. Liquid water colors and artist oil colors. 182,616; Sept. 11.
Ruy Lopez Co., New York, N. Y. Cigars. 172,772; Mar. 20.
Ryan, Maurice J., doing business as The Rae-Tol Company, Oakland, Calif. Tablets for the relief of headache, neuralgia, grippe, etc. 168,071; Jan. 23.
Ryback, James V., doing business as J. V. Ryback's Laboratory, Philadelphia, Pa. Foot powders. 181,781; Nov. 6.
Ryco Extract Company. (See Fletcher, John D., assignor.)
Ryde & Company, Chicago, Ill. Chicken feed. 174,489; July 24.
Ryde & Company, Chicago, Ill. Stock feed. 174,490; July 24.
Ryerson, Joseph T., & Son, Chicago, Ill. Cone-driven and geared-head engine lathes, turret lathes, etc. 177,023; June 19.
Ryerson, Mell, doing business as South Side Cafe, Marengo, Iowa. Ice-cream confection. 185,723; Dec. 4.
S. & B. Summer Clothing Co., New York, N. Y. Men's and boys' suits, overcoats, vests, trousers. 171,189; May 15.
S & G Manufacturing Company, Stockton, Calif. Combined pump and fan attachment for automobiles. 170,508; Apr. 24.
S. H. Rubber Mfg. Co. (See Hershenstein, Solomon.)
"S. & M." Dye Works, Inc., Philadelphia, Pa. Dyed yarns. 181,089; Aug. 21.
S. M. Watch Case Co., Inc., New York, N. Y. Watchcases. 185,232; Dec. 25.
S. & P. Novelty Co. (See Stoner, Harry W.)
S & S Shirt Company, The, Philipsburg, Pa. Work, dress, negligee, and flannel shirts. 147,217; May 1.
S. S. White Dental Manufacturing Company, The, Philadelphia, Pa. Food paste. 185,044; Dec. 4.
S. & V. Company, Inc., New York, N. Y. Fabric gloves. 170,225; May 22.
S. Y. C. O. Co., Chicago, Ill. Remedy for piles, cold in the chest, sore muscles, and burns. 180,241; Sept. 25.
Saalfield Publishing Company, The, Akron, Ohio. Cookbook. 162,858; Jan. 30.
Sachaklian, Stephen H., Hartford, Conn. Insecticides. 183,165; Nov. 20.
Sachs, Albert P., New York, N. Y. Cream soap. 167,897; Mar. 6.
Sachs Bros. and Jalkut, New York, N. Y. Infants' wear. 176,655; June 26.
Sachs Shoe Manufacturing Company, The, Cincinnati, Ohio. Shoes made of leather and combinations of leather and fabric. 170,993; May 29.
Sackett, H. B., Screen & Chute Company, Chicago, Ill. Scoops, shovels, and steel chutes. 172,443; Apr. 10.
Sacks, Herman, Chicago, Ill. Women's underwear composed of textile fabrics, bloomers, bathing and athletic suits. 158,736; Nov. 27.
Saco Valley Canning Co., Portland, Me. Canned vegetables. 168,128; Feb. 13.
Sadler, Robt. J., Shoe Co. Incorporated, New York, N. Y. Shoes. 174,978; July 17.
Saenger Drug Company, Inc., Shreveport, La. Preparation for treatment of disorder and disturbed conditions of the female organs. 180,499; Nov. 6.
Safe-T Fuse Handle Co. (See Gluck, Edward V.)
Safe-T-Stat Co., The, Philadelphia, Pa. Thermoelectric temperature indicators. 180,143; July 10.
Safety Car Heating and Lighting Company, The, Orange, N. J., and New Haven, Conn. Electric-lighting systems for use on railroad passenger cars, electric fans, water coolers, and storage batteries. 160,978; June 26.
Safety Sled Company, Inc., Mount Jewett, Pa. Sleds. 175,949; Apr. 24.
Safety Wire Gas Globe Co., The, Columbus, Ohio. Odor absorbents and adsorbents. 159,294; May 29.
Safetygas & Appliance Company. (See Adamson, Charles E.)
Sagamore Commission Co. (See Orent's Department Store, Inc.)
Sager, S. J., Company, Inc., The, Syracuse, N. Y. Knitted garments. 156,934; Sept. 18.
Saginaw Ladder Co. Limited, Saginaw, Mich. Ladders. 177,696; Aug. 28.
Saginaw Potato Chip Company, Saginaw, Mich. Potato chips. 165,163; Jan. 2.
Sahlin, Max, Denver, Colo. Mechanical devices for straightening crooked toes. 176,134; May 8.
Sahrbeck, Peter W., New York, N. Y. Eggs. 176,694; Sept. 4.
Saigo Varnish Works. (See Gordon, Mac.)
St. Ana, Florence, Detroit, Mich. Facial bleach and beauty pack. 187,488; Dec. 25.
St. Anonyme du Fibrociment et des Revetements Elo, Poissy, France. Building materials. 159,539; May 1.
St. Firo Remedy Co., Newark, N. J. Healing creams for eczema. 143,464; July 17.
St. James Market Samuel Klein & Son. (See Klein, David.)
St. John, Thomas A., doing business as The Blue Lion Patch Co., McDonough, Ga. Puncture patches for pneumatic tires. 181,092; July 31.
St. Louis Surfacer & Paint Company, St. Louis, Mo. Dry, paste, and ready-mixed paints and varnishes. 172,777; Apr. 17.
St. Maurice Paper Company, Limited, Montreal, Quebec, Canada. Paper pulp. 164,724; Oct. 23.
St. Regis Paper Company, Watertown, N. Y. Fiber boxes. 184,478; Nov. 20.
St. Regis Paper Co., Watertown, N. Y. Fiber shipping cases. 175,445; Apr. 17.
St. Joe Valley Line Co., South Bend, Ind. Fishing lines. 184,368; Nov. 6.
Ste. Anme. du Fibrociment et des Revetements Elo, Poissy, France. Building materials composed of a compound of fiber and cement. 159,540; May 22.
Sakele, Geo. A., doing business as Harem Perfume Co., New York, N. Y. Perfumes. 175,373; May 15.
Saklad, William, Boston, Mass. Foot-massaging devices. 183,124; Sept. 18.
Saks & Company, New York, N. Y. Underwear, footwear, neckwear, shirts. 172,444; Sept. 11.
Salant & Salant, Inc., New York, N. Y. Men's and boys' shirts and boys' blouses. 179,821; Sept. 18.
Salem, Joseph D., doing business as Salem Laboratory, Chicago, Ill. Tablets for constipation, liver, kidneys, stomach, and bowels. 178,000–1; Aug. 21.
Salem Manufacturing Company, doing business as Texoleum Company, Salem, N. J., and New York, N. Y. Floor coverings. 174,153; Apr. 3.
Salembier & Clay, Inc., New York, N. Y. Silk goods in the piece. 176,045; Apr. 10.
Sales Equipment Company. (See McMillan A. G.)
Sally Mint Company, New York, N. Y. Candy and peppermint lozenges. 169,185; Apr. 24.
Salmon Falls Manufacturing Company, Boston, Mass. Tire fabrics in the piece. 179,323; July 17.
Salomon, David I., doing business as David I. Salomon Silk Co., New York, N. Y. Silk piece goods. 172,397; June 26.
Salomon & Wiener, Inc., New York, N. Y. Fur. 173,214; June 5.
Salon Viennese, New York, N. Y. Facial oil and ointment. 178,570; July 10.
Salsberg, Jacob, Inc., New York, N. Y. Ladies' and misses' underwear. 184,265; Oct. 30.
Saltersod Company. (See Mills, James G.)
Saltrates Limited, London, England. Saline preparation for rheumatism, kidney disorders, etc. 183,598; Dec. 4.
Salt's Textile Manufacturing Company, The, Bridgeport, Conn., New York, N. Y. Pile fabrics in the piece. 159,118; June 26.
Salt's Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Fabrics in the piece, made wholly or in part of wool, worsted, mohair, etc. 159,120; June 12.
Salt's Textile Manufacturing Company, The, Bridgeport, Conn. Women's, children's, and infants' coats, cloaks, wraps, suits, etc. 160,371; Sept. 4.
Salt's Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Fabrics in the piece, blankets, automobile and carriage robes, steamer rugs, etc. 165,308; Jan. 2.
Salt's Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Women's, children's, and infants' coats, cloaks, wraps, capes, etc. 165,311; Oct. 23.
Salt's Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Coats, cloaks, wraps, capes, suits, costumes, dresses, etc. 165,313; Mar. 20.
Salt's Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Underwear of textile fabric. 168,376; June 5.
Salt's Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Underwear of textile fabric. 168,379–80; June 5.
Salts Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Women's, children's, and infants' coats, cloaks, suits, etc. 173,676; May 29.
Salt's Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Fabrics in the piece. 173,677; Apr. 10.
Salt's Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Coats, cloaks, wraps, capes, etc. 184,518–19; Nov. 6.

Salt's Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Pile fabrics in the piece. 184,520; Oct. 2.
Salt's Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Pile fabrics in the piece. 184,523; Oct. 2.
Salt's Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Coats, cloaks, wraps, capes, etc. 184,524; Nov. 6.
Salt's Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Pile fabrics in the piece. 184,565–6; Oct. 2.
Salt's Textile Manufacturing Company, The, Bridgeport, Conn., and New York, N. Y. Women's, children's, and infants' coats, cloaks, capes, etc. 186,616; Dec. 11.
Saluzzi, Pasquale, doing business as Economic Perfume Manufacturing Co., Brooklyn, N. Y. Hair tonic and skin lotion. 176,765; Aug. 14.
Salvaderm Co., New York, N. Y. Skin lotion. 178,934; Aug. 14.
Salwen, D., & Co. Inc., New York, N. Y. Boys' stockings. 174,338; June 5.
Salz Brothers Inc., New York, N. Y. Fountain pens. 162,073; July 17.
Salz Bros. Inc., New York, N. Y. Fountain pens. 173,249; Mar. 6.
Salz Bros. Inc., New York, N. Y. Fountain pens. 173,611; Mar. 27.
Sametz, Louis, Inc., Brooklyn, N. Y. Teething rings, combined baby rattles and teething rings. 169,986; Feb. 13.
Sampedro, Anibal, Mexico, Mexico. Perfumes and hair tonics. 171,138; May 22.
Sampico Indian Medicine Co., Beloit, Wis. Medicines for disorders of the stomach, etc. 181,022; Nov. 20.
Sampliner, P. H., Company, The, Cleveland, Ohio. Ladies' and misses' outer clothing, coats, suits, and dresses. 180,724; Sept. 11.
Sampson-Martin Corporation, New York, N. Y. Hot-water bags and bottles. 176,046; June 19.
Sampson, Paul O., doing business as Life O Wheat Milling & Baking Co., Portland, Oreg. Bread. 178,289; Aug. 21.
Samson, Arthur M., doing business as Le Baur Importing Co., New Orleans, La. Essence of perfume extracts, Poudre adherent (face powder), cleansing cream, etc. 180,342; Nov. 27.
Samson Candy Company, Mechanicsburg, Pa. Candies. 175,538; June 19.
Samson's Hair Tonic Company. (See Zebich, Petar.)
Samstag & Hilder Bros., New York, N. Y. Lingerie tape, pins, etc. 172,060; Apr. 24.
Samstag & Hilder Bros., Inc., New York, N. Y. Hair nets. 184,798; Oct. 16.
Samuels, J., and Brother, Incorporated, Providence, R. I. Suits, overcoats, sweaters, hats, and caps for boys. 174,411; Oct. 16.
Sana-Cutis (Chemical) Co. (See Flores, Rodolfo.)
San Antonio Bible Institute, Inc., San Antonio, Tex. Monthly periodical. 173,215; Mar. 20.
San Antonio Drug Co., San Antonio, Tex. Sirup for the relief of coughs, colds, and bronchitis. 176,656; July 10.
Sanas Company, The. (See Schaupner, Philip.)
Sanatone Co., The. (See Longo, Salvator.)
Sanateva Research Co. (See Rogers, John W.)
Sanborn, Margaret R., doing business as Blue Bird Food Company, Chicago, Ill. Salad dressings. 162,070; Oct. 23.
Sand Company Inc., New York, N. Y. Mousetraps. 169,227; Mar. 13.
Sand Springs Bottling Co., Tulsa, Okla. Beverages sold as soft drinks and sirup for making the same. 174,339; Apr. 10.
Sandefur, Charles O., doing business as Sandefur's Cereal Mill, assignor to Anglo-American Mill Company, Owensburg, Ky. Corn meal, cereal feed for poultry, cereal feed for hogs. 180,297; Nov. 6.
Sandefur, Charles O., doing business as Sandefur's Cereal Mill, assignor to Anglo-American Mill Company, Owensboro, Ky. Cracked cereal food. 180,298–9; Sept. 25.
Sandefur, Charles O., doing business as Sandefur's Cereal Mill, assignor to Anglo-American Mill Company, Owensboro, Ky. Cereal scratch and chicken feed for poultry and cereal feed for hogs. 180,301; Oct. 30.
Sandefur, Charles O., doing business as Sandefur's Cereal Mill, assignor to Anglo-American Mill Company, Owensboro, Ky. Flour. 180,302–3; Sept. 25.
Sandefur, Charles O., doing business as Sandefur's Cereal Mill, assignor to Anglo-American Mill Company, Owensburg, Ky. Pancake and Graham flour, cracked cereal food. 180,621; Nov. 6.
Sandefur's Cereal Mill. (See Sandefur, Charles O.)
Sanderson, Arthur N., West Springfield, Mass. Automobile, piano, and furniture polish. 180,082; July 3.
Sanderson, Arthur N., West Springfield, Mass. Gold and silver polish. 180,083; July 24.
Sanderson, Arthur & Sons Limited, London, England. Cretonnes or printed fabrics. 181,617; Oct. 16.
Sanderson Brothers & Newbould, Limited, Sheffield, England. Files and rasps, handsaws, hack-saw blades, etc. 164,276; Jan. 16.
Sanderson, Chester T., Co., Inc., The, New York, N. Y. Wood panel board. 169,828; Jan. 9.
Sanderson's Tintine Co., Lincoln, Nebr. Shoe-shining preparation having dyeing properties. 177,245; June 26.
San Dimas Lemon Association, San Dimas, Calif. Fresh citrous fruits. 184,296–7; Oct. 9.
San Dimas Lemon Association, San Dimas, Calif. Fresh citrous fruits. 184,299; Oct. 9.
San Dimas Lemon Association, San Dimas, Calif. Fresh citrous fruits. 184,300; Oct. 23.
Sandra Laboratories, Inc., doing business as The Pandora Co., Newark, N. J. Toilet preparation for the skin. 182,486; Oct. 23.
Sands & Ross, Inc., New York, N. Y. Aniline dye soluble in water employed as bluing. 186,447; Dec. 11.
Sands, Taylor & Wood Co., Boston, Mass. Wheat flour. 168,555–6; Mar. 20.
Sandvikens Jernverks Aktiebolag, Sandviken, Sweden. Saws, hammers, sledges, etc. 178,571; July 3.
Sandvikens Jernverks Aktiebolag, Sandviken, Sweden. Springs and coil springs, hot-rolled and cold-drawn seamless steel tubing. 178,572; July 24.
Sandvikens Jernverks Aktiebolag, Sandviken, Sweden. Springs and steel tubing. 178,871; Sept. 18.
Sandvikens Jernverks Aktiebolag, Sandviken, Sweden. Saws, hammers, sledges, etc. 178,872; July 3.
Sandvikens Jernverks Aktiebolag, Sandviken, Sweden. Hardened and tempered steel bands. 178,873; June 5.
Sandvikstahl G. m. b. H., Ohligs, Germany. Razor blades. 171,243; June 5.
Sanford, Chamberlain & Albers Company, Knoxville, Tenn. Salicylic acid, sulphate quinine, domestic ammonia, sirup of squills, etc. 175,408; June 26.
Sanford Riley Stoker Company, Worcester, Mass. Underfeed stokers. 181,314; July 24.
San Francisco Breweries, Ltd., The, San Francisco, Calif. Beer, malt, tonic, malt beverages, and malt sirups. 167,367; Feb. 27.
San Francisco Breweries, Ltd., The, San Francisco, Calif. Canned preserved fruits, jams, jellies, and fruit sirups. 167,368; Apr. 24.
San Francisco Sulphur Co., San Francisco, Calif. Agricultural sulphur. 134,438; Feb. 20.
San Francisco Sulphur Co., San Francisco, Calif. Sulphur. 177,869; Dec. 18.
San Francisco Sulphur Co., San Francisco, Calif. Sulphur. 177,870; Dec. 18.
San Francisco Sulphur Co., San Francisco, Calif. Sulphur. 177,873; Dec. 18.
San Francisco Sulphur Co., San Francisco, Calif. Sulphur. 181,351; Sept. 11.
San Francisco Sulphur Co., San Francisco, Calif. Sulphur. 181,352; Aug. 28.
Sang Yuen & Co., San Francisco, Calif. Product made of beans. 174,162; Sept. 4.
Sanger Citrus Ass'n, Sanger, Calif. Oranges. 168,492; Mar. 6.
Sanimo Company, The, St. Louis, Mo. Rubber crib sheets, rubber baby pants, rubber sanitary aprons, etc. 159,629; Jan. 30.
San-I-Sal Laboratories, Inc., Washington, D. C. Preparation for the prevention of excessive perspiration. 177,519; July 10.
San-It Rubber Company. (See Usdin, Hyman.)
Sani Scalp Co. (See Meller, Alice R.)
Sanitary Grocery Co., Inc., Washington, D. C. Coffee 168,942; Feb. 27.
Sanitary Hair Company. (See Trotsky, Isadore.)
Sanitary Rubber Novelty Co., The, Chicago, Ill. Bibs. 171,869; Dec. 11.
Sanitary Toilet Company, New York, N. Y. Toilet-closet-seat covers. 171,594; Jan. 2.
Sanitol Chemical Laboratory Company (now by change of name The Sanitol Company), St. Louis, Mo., and New York, N. Y. Shaving soap and powder, shaving-soap cream, toilet soap. 180,242; Nov. 6.
Sanitol Chemical Laboratory Company (now by change of name The Sanitol Company), St. Louis, Mo., and New York, N. Y. Tooth powder and paste, liquid antiseptics, hair tonic, etc. 180,258; Nov. 6.
San Joaquin County Cherry Growers Assn., Stockton, Calif. Fresh cherries. 177,875; June 12.
San Joaquin Grocery Co., Fresno, Calif. Sulphur. 182,267; Oct. 23.
San Joaquin Grocery Co., Fresno, Calif. Beverages sold as soft drinks. 182,268; Oct. 30.
San Jose Canning Co., San Jose, Calif. Canned vegetables. 179,484; Sept. 4.
San Juan Islands Cannery, Spokane, Wash. Canned peas. 181,911; Nov. 13.
San-O-Dent Company, The, Spokane, Wash. Cleanser for false teeth. 174,865; July 24.
Sanozone Chemical Co., Philadelphia, Pa. Deodorants, disinfectants, insecticide, roach powder, pipe cleanser and scale solvent. 140,807; Jan. 23.
Santa Clara Company. (See Steohr, Richmond G.)
Santa Cruz Coast Vegetable Co., Santa Cruz, Calif. Fresh boxed artichokes. 187,175; Dec. 25.
Santa Paula Citrus Fruit Association, Santa Paula, Calif. Fresh lemons. 163,701; Jan. 9.
Santa Paula Citrus Fruit Association, Santa Paula, Calif. Fresh lemons. 163,702; Sept. 4.
Santa Paula Citrus Fruit Association, Santa Paula, Calif. Fresh lemons. 163,703; May 8.

Alphabetical list of trade-mark applicants—Continued.

Santa Paula Citrus Fruit Association, Santa Paula, Calif. Fresh lemons. 163,704; Jan. 9.
Santander Coffee Co., New York, N. Y. Coffee. 162,317; Feb. 6.
Santonja, Sobrinos de R. Abad, Alcoy, Spain. Cigarette paper. 151,334; Mar. 13.
Sargent, Donn D. Company, Salem, Mass. Leather boots and shoes. 169,872; Jan. 23.
Sarnoff-Irving Hat Stores, Inc., New York, N. Y. Men's caps, straw and felt hats, and derbies. 170,221; Jan. 30.
Sarson, Teddy, doing business as Famous Shoe Repair Company, Pontiac, Mich. Slipper soles and heels and boots and shoes. 147,684; Feb. 6.
Satake, Shuzo, doing business as Non-Crush Fruit Guard Company, Sacramento, Calif. Cardboard to be placed in fruit boxes to prevent crushing of the fruit. 169,328; Apr. 17.
Satsuma Orange & Pecan Groves Company, Inc., Mobile and Satsuma, Ala. Fresh fruit—viz, satsuma. 176,047; May 22.
Saturn Mfg. & Sales Co. Inc., New York, N. Y. Electric and radio telephone jacks, plugs, and connections. 171,473; July 10.
Sauer, N., Milling Company, Cherryvale, Kans. Wheat flour. 153,787; Oct. 2.
Sauers Milling Company, The, Evansville, Ill. Self-rising flour. 160,210; Mar. 20.
Saulpaugh, Albert, doing business as Saulpaughs Candy Kitchen, Catskill, N. Y. Candy. 181,912; Oct. 16.
Saunders Lone Star Seed Co. Inc., Greenville, Tex. Cottonseed. 165,970; Dec. 4.
Sauquoit Toilet Paper Co., Inc., New Hartford, N. Y. Toilet paper and paper towels. 176,048; June 26.
Sauza Eladio, New York, N. Y. Wines. 163,417. Mar. 13.
Savage Arms Corporation, New York, N. Y. Electric clothes-washing machines. 169,694; Feb. 20.
Savage, T. R., Company, Bangor, Me. Tea, coffee, canned goods, etc. 179,963; Oct. 2.
Savannah Truckers Exchange, Savannah, Ga. Fresh vegetables. 176,219; Aug. 14.
Save The Surface Campaign. (See National Save The Surface Campaign Committee.)
Savol Co., The. (See Freeman, Ralph D.)
Savoy Importing Co. Inc., New York, N. Y. Tunny fish, tomatoes, tomato sauce and paste, string beans, etc. 163,711; Apr. 24.
Savoy Importing Co., Inc., New York, N. Y. Tunny fish, macaroni, tomatoes, mixed pickles, etc. 163,712; Feb. 27.
Savoy Watch Company, Inc., New York, N. Y. Watch and clock movements and watchcases. 179,382; July 24.
Savvas, John H., New York, N. Y. Olive oil. 182,011; Oct. 23.
Sawdey and Hunt, Los Angeles, Calif. Fresh cantaloupes. 166,726; Feb. 20.
Sawdey & Hunt, Los Angeles, Calif. Fresh lettuce and cantaloupes. 179,884; July 31.
Sawdey & Hunt, Los Angeles, Calif. Fresh lettuce. 179,885; Aug. 28.
Sawkins, Huntington D., Baltimore, Md. Salted peanuts and salted almonds. 173,580; Apr. 24.
Saxon Perfume Company, The, Cincinnati, Ohio. Toilet waters, shampoos, hair tonics, etc. 170,039; June 5.
Saxophone Shop, The, Chicago, Ill. Saxophones. 170,790; Feb. 20.
Saxrac Company, Los Angeles, Calif. Racks for supporting musical instruments when not in use. 169,530; Aug. 21.
Sayre, L. A., Co., Newark, N. J. Hatchets. 170,158; Feb. 13.
Sayre-Level Radio Company, The, Philadelphia, Pa. Radio apparatus and parts thereof. 175,740; June 5.
Sayre-Level Radio Company, The, Philadelphia, Pa. Radio apparatus. 175,741; May 29.
Scarab Oil Burning Company, Limited, London, England. Burners for liquid fuel. 166,019; Jan. 2.
Scat Chemical Company. (See Wilson, Wade H.)
Schacht Rubber Mfg. Co., Huntington, Ind. Rubber heels. 187,229; Dec. 25.
Schadt Brothers, Allentown, Pa. Foot powder, stomach regulator, corn remover, etc. 165,763; Dec. 18.
Schaefer, John L., New York, N. Y. Paper toilet-seat covers. 179,683; June 19.
Schaefer, Herbert C., Denver, Colo. Face and sachet powders, skin creams, etc. 179,485; Sept. 11.
Schaefer, Maria A., New York, N. Y. Hair tonic. 171,870; Feb. 20.
Schaefer, Max O., doing business as Velveeta Cheese Company, Monroe, N. Y. Cheese. 174,866; July 24.
Schaeffer & Budenberg Mfg. Co., Brooklyn, N. Y. Thermometers. 177,110; Aug. 7.
Schafer Bakery, Inc., Savannah, Ga. Bread. 183,319; Dec. 25.
Schaff, H. M., Coal Company, The, Cleveland, Ohio. Coal. 184,567; Dec. 4.
Schaffner Brothers Company, Erie, Pa. Bacon, ham, breakfast-bacon squares. 169,929; July 3.
Schaffner Brothers Company, Erie, Pa. Lard. 169,930; Sept. 18.
Schaffner Brothers Company, Erie, Pa. Sausage, boiled ham, etc. 169,931; July 3.
Schafuss Corporation, New York, N. Y. Sanitary napkins. 183,166; Oct. 30.
Schanzer, Siegfried, New York, N. Y. Knitted and woven caps. 180,031; Aug. 14.
Schaupner, Philip, doing business as The Sanas Company, Inc., Detroit, Mich. Laxative powders. 175,889; May 15.
Scheel, William H., New York, N. Y. Lacquer compositions. 175,326; Apr. 24.
Scheel, William H., New York, N. Y. Lacquer compositions. 181,961; Sept. 4.
Scheele, Conrad L., New York, N. Y. Liniment for rheumatism, lumbago, gout, and colds. 167,946; Jan. 2.
Schelter Last Company, Inc., Rochester, N. Y. Lasts. 168,984; Mar. 13.
Schenectady Knit Goods House. (See Mannesovitch, Israel, jr.)
Scherer, H., & Company, Detroit, Mich. Curtain-window lights and vehicle top fabrics. 178,065; Aug 28.
Schering & Glatz, Inc., New York, N. Y. Medicinal preparation. 174,033; Feb. 27.
Schering & Glatz, Inc., New York, N. Y. Phloridzin preparation for diagnostic purposes. 182,270; Oct. 23.
Schering & Glatz, Inc., New York, N. Y. Medicinal preparation used in the treatment of gout, rheumatism, etc. 182,839; Nov. 20.
Scherk, Ludwig, Berlin, Germany. Perfumery, cream, lotion, rouge, etc. 179,966; Sept. 11.
Schicht, Georg, A. G., Aussig, Czechoslovakia. Toilet and medicinal soap. 171,139; July 31.
Schicht, Georg, A. G., Aussig, Czechoslovakia. Toilet and medicinal soap. 171,147; July 31.
Schick, Harry C., Inc., Newark, N. J. Necklace clasps and fasteners. 166,960; Feb. 6.
Schield, Wm., Mfg. Co., St. Louis, Mo. Lye. 167,270; Feb. 13.
Schier, Philip, trading as Union Pharmacal Company, Kansas City, Mo. General tonics. 133,850; Feb. 20.
Schieren, Chas. A., Company, New York, N. Y. Leather belting and leather packing. 139,723; Feb. 13.
Schiffman, Isadore, New York, N. Y. Articles of jewelry of precious metal. 174,369; May 29.
Schilplin, William, doing business as R. & H. E. Co., Seattle, Wash. Roach-destroying composition. 177,697; July 10.
Schindel & McDaniels, New York, N. Y. Bed sheets, spreads, and pillowcases. 177,521; June 5.
Schlater's, Incorporated, Philadelphia, Pa. Bread, cakes, and pies. 158,902; May 15.
Schlesinger, Maurice F., doing business as Bendiner & Schlesinger, New York, N. Y. Antiseptic dusting powder. 169,783; Jan. 9.
Schlintz Bros. Co., Appleton, Wis. Corn remedy. 182,723; Oct. 30.
Schlintz Bros. Co., Appleton, Wis. Shampoo. 182,724; Oct. 30.
Schlintz Bros. Co., Appleton, Wis. Cough remedy. 182,725; Oct. 30.
Schlorer Delicatessen Co., The, Philadelphia, Pa. Vegetable relish or sandwich filler. 183,234; Oct. 30.
Schlosinger, Noah, doing business as Noah Schlosinger Co., Streeter, N. Dak. Remedy for corns and bunions. 166,854; Jan. 2.
Schlosinger, Noah, doing business as Noah Schlosinger Co., Streeter, N. Dak. Liniment for the relief of rheumatism. 166,855; Jan. 2.
Schlosinger, Noah, Co. (See Schlosinger, Noah.)
Schlueter Manufacturing Co., St. Louis, Mo. Water and dairy pails, cream, oil, ash, and other cans, and bread boxes. 172,903; May 29.
Schlueter Manufacturing Co., St. Louis, Mo. Washboilers and galvanized washtubs. 172,904; June 12.
Schmalz, Philomena, & Co., Pitcairn, Pa. Hair restorer. 168,004; Feb. 6.
Schmeer's Paper Box Company, Syracuse, N. Y. Paper boxes. 174,112; Mar. 27.
Schmick Gear & Screw Company, Williamsport, Pa. Lighting jacks and screw jacks. 170,672; Jan. 30.
Schmid, Julius, Inc., New York, N. Y. Combs. 186,674; Nov. 27.
Schmidt, A. O., doing business as A. O. Schmidt Co., San Francisco, Calif. Antiseptic foot powder for foot troubles and for the bath. 169,784; Jan. 23.
Schmidt, A. O., doing business as A. O. Schmidt Co., San Francisco, Calif. Medicine for diseases peculiar to females. 178,573; Aug. 7.
Schmidt, A. O. Co. (See Schmidt, A. O.)
Schmidt, Albert C., San Francisco, Calif. Female suppositories for the local treatment of catarrhal conditions of the vagina and uterine cervix. 177,698; Aug. 14.
Schmidt & Ault Paper Co., York, Pa. Building paper, sheathing, etc. 183,503; Oct. 30.
Schmidt & Ault Paper Co., York, Pa. Box board. 183,505; Oct. 9.
Schmidt & Ault Paper Co., York, Pa. Box board and wrapping paper. 183,505; Dec. 25.
Schmidt, Carl, doing business as Fig Products Company of California, Figarden, Calif. Preserved figs and fig butter. 181,913; Dec. 11.
Schmidt, Fitz-Gibbon Co., Inc., New York, N. Y. Handkerchiefs. 186,448; Dec. 11.

Schmidt, Frank P., doing business as Contra Chemical Co., Quincy, Ill. Paint and varnish removers. 166,409; Jan. 9.
Schmidt, Geo. A., & Co., Chicago, Ill. Shampoo soap. 168,943; Feb. 20.
Schmidt, Gerhard F., doing business as Fabrik Pharmacia M. Schmidt & Co., Munich, Germany. Medicinal tablets for use as a general tonic. 137,033; Mar. 6.
Schmidt, Gustave F., Chicago, Ill. Gas heaters. 157,078; Mar. 20.
Schmidt-Holland Inc., New York, N. Y. Gut and metal strings for stringed musical instruments. 161,652; June 26.
Schmidt, Joh. C., Copenhagen, Denmark. Grinding machines and parts of same. 159,626; Mar. 20.
Schmidt, Johan C., Copenhagen, Denmark. Grinding wheels and disks. 180,391; Aug. 21.
Schmidt, Max, doing business as Peter Ludwig Schmidt, Elberfeld, Germany. Razors. 170,792; Jan. 23.
Schmidt, Oliver S., doing business as Vitans Laboratories, San Francisco, Calif. Preparation used as home remedies. 184,623; Dec. 4.
Schmidt, Peter Ludwig. (See Schmidt, Max.)
Schmitt, C. H. A., Company, Inc., Boston, Mass. Dyestuffs. 180,622; Sept. 11.
Schneider, Aaron, doing business as La Minnuette Trading Co., New York, N. Y. Rouges, face powders, compact, etc. 180,895; Oct. 23.
Schneider, Emil D., doing business as Gintone Laboratories, Memphis, Tenn. Tonic for use upon the scalp or skin. 171,140; Apr. 3.
Schneider, Herman, Mount Vernon, New Rochelle, and White Plains, N. Y., and Stamford, Conn. Hosiery, coats, gloves, suits, etc. 172,960; Aug. 7.
Schneider & Hyman, New York, N. Y. Finger rings. 181,316; Nov. 20.
Schnezler, Heinrich, Schaffhausen, Switzerland. Hand and foot balls of rubber. 170,342; May 29.
Schnittker, Henry A., St. Louis, Mo. Coffee, tea, and other substitutes. 176,858; Sept. 18.
Schnittker, Henry A., doing business as H. A. S. Coffee Company, St. Louis, Mo. Coffee. 181,618–19; Nov. 13.
Schnittker, Henry A., doing business as H. A. S. Coffee Company, St. Louis, Mo. Coffee. 181,621; Nov. 13.
Schocket, A., New York, N. Y. Vanity cases. 158,585; Feb. 20.
Schoedinger, F. O., Columbus, Ohio. Linen and clothes hampers, trays, cans, corncribs, etc. 172,178; Dec. 11.
Schoedinger, F. O., Columbus, Ohio. Steel rules, zigzag rules, dividers, measuring tapes, etc. 172,180; July 24.
Schoedinger, F. O., Columbus, Ohio. Soldering coppers, punches, chisels, rivet sets, etc. 172,182; July 24.
Schoedinger, F. O., Columbus, Ohio. Stove dampers, soldering furnaces, pipes, elbows, etc. 172,183; July 17.
Schoedinger, F. O., Columbus, Ohio. Eaves-trough nails, rivets, brackets, bolts, and chains. 172,184; July 24.
Schoedinger, F. O., Columbus, Ohio. Roofing paint and paint enamel for furniture. 172,185; July 17.
Schoellkopf Co., The, Dallas, Tex. Tanned harness, skirting, collar, etc., leather. 151,102; Oct. 16.
Schoen, Seymour S., doing business as Modern Exterminating Co., New York, N. Y. Liquid for exterminating vermin. 180,623; Aug. 7.
Schoen & Yondorf Co. Inc., New York, N. Y. Dolls. 186,675–6; Dec. 25.
Schoener, Stephen, doing business as Quixy Polish Co., Jersey City, N. J. Polish for furniture, automobiles, etc. 171,709; Mar. 13.
Schoepfer, Maurice, Paris, France. Perfumes, extracts, toilet water, rice powders, etc. 175,524; May 15.
Schoettker, J. H. C., Sons, Springfield, Ill. Cigars. 174,639; May 8.
Schofields, J. S., Sons Co., Macon, Ga. Steam boilers. 166,719; Jan. 30.
Scholderer & Aug., Inc., New York, N. Y. Men's and young men's suits and overcoats. 174,979; July 10.
Schooley, Eugene R., doing business as Henry N., Schooley and Son, Luzerne, Pa. Food for chickens. 166,573; July 31.
Schoolhouse, Lewis, doing business as Chas. Schoolhouse & Son, New York, N. Y. Silk, cotton, and silk and cotton mixed piece goods. 177,876; May 15.
Schoonmaker Bros., & Company, Inc., New York, N. Y. Silk fabrics in the piece. 182,360; Sept. 18.
Schoonmaker, F. W., Inc., New York, N. Y. Mouth-wash. 170,994; Feb. 20.
Schopp, Charles J., doing business as The Motor Schopp, St. Louis, Mo. Chemical carbon destroyer. 172,953; Apr. 17.
Schor & Roberts, San Francisco, Calif. Food product. 176,695; Sept. 25.
Schottland, A., Inc., Paterson, N. J. Cotton and silk crapes in the piece. 184,799–800; Oct. 16.
Schrader's, A., Son, Incorporated, Brooklyn, N. Y. Pneumatic valves, valve insides, etc. 171,512; July 10.
Schrader's, A., Son, Incorporated, Brooklyn, N. Y. Fluid-pressure gauges, indicators, etc. 180,084; July 10.
Schrader's, A., Son, Incorporated, Brooklyn, N. Y. Ice bags and syringe fixtures. 180,243; July 10.
Schrafft, W. F., & Sons Corporation, Boston, Mass. Candies. 159,327; Apr. 3.
Schrafft's. (See Shattuck, Frank G., Company.)
Schramm-Johnson, Drugs, Salt Lake City, Utah. Hair dressing, bath salts, almond-meal cream, etc. 143,666; Dec. 18.
Schratter, Alfred, doing business as Schratter Brothers, New York, N. Y. Canned peppers. 141,134; June 26.
Schreiber Products Corporation, Buffalo, N. Y. Malt sugar for baking purposes. 185,498; Dec. 4.
Schreter, Adolf, Baltimore, Md. Neckties. 169,331; Mar. 20.
Schreter, Adolf, Baltimore, Md. Neckties. 186,804; Dec. 11.
Schreyer & Co., Nuremberg, Germany. Fabric toy fixtures of all kinds. 179,824; Oct. 23.
Schroeder & Hinkle, Columbia, Pa. Egg dye. 173,537; May 29.
Schroeder & Worth, New York, N. Y. Dresses, coats, and suits. 159,820; Sept. 18.
Schroy, L. D., Company, The, Akron, Ohio. Inkwell bases, sponge cups, desk pads, pen trays, etc. 180,725; Aug. 14.
Schroyer, Howard R., assignor to The Travel-Right Co., Chicago, Ill. Metal garment-holding frames. 182,318; Nov. 13.
Schueller, E., Paris, France. Soaps. 144,157; Jan. 30.
Schult, William J., doing business as W. J. Schult & Company, Elkhart, Ind. Men's and boys' hats, caps, shirts, etc. 154,242; June 5.
Schulte, D. A., Inc., New York, N. Y. Holders for cigars and cigarettes and mouthpieces for pipes. 172,358; Jan. 30.
Schulthess, Ernest, doing business as Atlas Rubber Company, New York, N. Y. Rubber hose. 170,794; June 5.
Schultz & Hirsch Co., Chicago, Ill. Box springs, mattresses, and pillows. 175,950; May 29.
Schulz, Frank R., St. Louis, Mo. Luting composition. 183,859; Nov. 20.
Schulze, Louis, doing business as Success Pharmacal Co., Baltimore, Md. Remedy for toothache and neuralgia, and medicinal preparation for removing corns. 180,392; July 31.
Schumacher, P. J., Co., Inc., New York, N. Y. Face cream and powder. 175,999; June 19.
Schuman, Lewis, doing business as Kisco Pharmacal Co., Mount Kisco, N. Y. Preparation for asthmatic paroxisms, hay asthma or rose cold, and bronchitis. 180,194; Aug. 14.
Schuster Company Incorporated, The, Louisville, Ky. Shirts, neckwear, underwear, sweaters, etc. 149,779; Aug. 14.
Schutte, Willebrordus J., doing business as Lindenblossom Syrup Works, Paterson, N. J. Beverages sold as soft drinks. 149,029; Jan. 9.
Schutter-Johnson Candy Co., Chicago, Ill. Candy. 180,555–7; Sept. 11.
Schutze, F., and Company Limited, London, England. Infants' soothers. 180,085; Oct. 30.
Schwab, David E., & Company Inc., New York, N. Y. Net and silk lace piece goods, etc. 185,093; Dec. 4.
Schwab, H. W., Inc., New York, N. Y. Woolen piece goods. 177,925; Aug. 21.
Schwab, Louis, doing business as Stevens & Co., New York, N. Y. Tools and appliances for automotive vehicles, etc. 168,806; Aug. 21.
Schwab, Louis, doing business as Stevens & Co., New York, N. Y. Tools and appliances for automotive vehicles, etc. 168,857; Aug. 28.
Schwab, Louis, doing business as Stevens & Co., New York, N. Y. Automotive mechanics' tools. 168,905; Dec. 25.
Schwabacher Bros. & Co., Incorporated, Seattle, Wash. Granulated sugar. 177,412; Aug. 28.
Schwalb, William A., New York, N. Y. Face or wash cloths. 180,813; Aug. 14.
Schwartz, Carl, New York, N. Y. Men's collars. 172,359; May 22.
Schwartz, Chas., & Son, Washington, D. C. Watch movements, watchcases therefor. 168,731; Dec. 4.
Schwartz, Chas., & Son, Washington, D. C. Watch movements. 168,732; June 26, 1923.
Schwartz, David, Company, Inc., New York, N. Y. Cotton piece goods. 174,341; Mar. 6.
Schwartz, David, Company, Inc., New York, N. Y. Cotton goods in the piece. 180,558; July 10.
Schwartz, Jacob, doing business as Pacific Children's Wear Mfg. Co., Los Angeles, Calif. Rompers, wash suits, dresses, etc. 167,151; Aug. 7.
Schwartz, L., & Sons, New York, N. Y. Ladies' coats and suits. 181,499; Oct. 23.
Schwartz, Louis, doing business as Z. & S. Middy Company, New York, N. Y. Play suits. 185,382; Oct. 30.
Schwartz, Paul H., doing business as Bob-o-Link Products Co., Baltimore, Md. Malt extract. 182,013; Oct. 2.
Schwartz, Rudolph, San Francisco, Calif. Cigars. 179,486; June 12.
Shwartz-Singer Co., Inc., New York, N. Y. Dresses. 170,219; Mar. 20.
Schwarz, Max Textile Corporation, New York, N. Y. Voile in the piece. 170,795; Mar. 27.
Schwarz, Max, Textile Corporation, New York, N. Y. Voile in the piece. 185,797; Nov. 20.
Schwarze, Carl A., doing business as Sindol Co., Woodhaven, N. Y. Face powders and cream, perfumes, toilet waters, etc. 178,676; July 10.

Schwarzenbach Huber Company, The, West Hoboken, N. J. Silk piece goods. 174,412; June 5.
Schwarzenbach Huber Company, The, West Hoboken, N. J. Silk and artificial-silk piece goods, cotton, linen, and woolen piece goods, and combinations of same. 180,145; July 3.
Schwarzenbach Huber Company, The, West Hoboken, N. J. Cotton-back satin in the piece. 180,146; July 3.
Schwarzenbach Huber, Company, The, West Hoboken, N. J. Draperies. 181,415; Oct. 2.
Schwarzwaelder Company, Philadelphia, Pa. Waterproof fabrics. 182,676; Sept. 4.
Schwed, Bertie S., Far Rockaway, N. Y. Sewing case. 173,010; Apr. 3.
Schweitzer "Cocoatina" Co., Limited, Holloway, London, England. Cocoa. 168,622; Oct. 23.
Schweiz Decken- und Tuchfabriken Pfungen-Turbenthal, Zurich, Switzerland. Textile fabrics. 181,571; Sept. 25.
Schwerin, Albert A., sr., Kingman, Ariz. Medicinal preparation for the treatment of toothache and pyorrhea. 172,124; Mar. 6.
Scianna, Gustino, Lafayette, La. Preparation for rheumatism and pains, cramps, cuts, and sores. 172,688; May 1.
Science Service, Inc., Washington, D. C. Title to syndicated scientific news articles and publications. 186,039; Dec. 11.
Scientific Farming Machinery Company, Minneapolis, Minn. Tillers comprising a plow and soil disintegrator. 171,660; Mar. 13.
Scientol Products Co., Brooklyn, N. Y. Hair tonic. 181,455; Sept. 18.
Scofield, Evans and Company, Chicago, Ill. Liquid floor finishing and maintenance preparations. 181,914; Oct. 23.
Scot Knit Hosiery Co., Harrisburg, Pa. Hosiery. 169,652; Nov. 13.
Scot Knit Hosiery Company, Harrisburg, Pa. Hosiery. 177,053; Aug. 21.
Scotford, Baron H., Atlantic City, N. J. Animated-shadow-casting devices for use as novelties, etc. 161,653; Dec. 11.
Scott, Edwin A., Publishing Co., New York, N. Y. Bimonthly magazine. 156,660; Feb. 20.
Scott, Fannie H., San Diego, Calif. Hair dressing. 168,279; Apr. 10.
Scott & Fetzer Company, The, Cleveland, Ohio. Electric sweepers and cleaners. 176,504; Oct. 9.
Scott & Fetzer Company, The, Cleveland, Ohio. Nonelectric sweepers and cleaners. 180,559; Oct. 9.
Scott, Grover C., Pittsburgh, Pa. Paste pigment in oil. 183,995; Oct. 23.
Scott, Harry L., Baltimore, Md. Ice-cream cones made of milk chocolate. 170,043; Apr. 24.
Scott Hutchison, New York, N. Y. Metal cutters for cutting reenforced-concrete bars and wire rigging. 172,016; Mar. 20.
Scott, Lewis L., St. Louis, Mo. Golf clubs. 179,746; June 19.
Scott Manufacturing Company, Chicago, Ill. Toy sectional collapsible building units. 184,366; Nov. 6.
Scott Paper Company, Chester, Pa. Toilet paper. 185,623; Oct. 23.
Scott, Sibyl A., New York, N. Y. Wooden wedge blocks. 154,420; Jan. 9.
Scott and Turner, Limited, Newcastle-on-Tyne, England. Medicated preparation for human use for liver ailments. 178,874; July 24.
Scott's Preparations, Inc., New York, N. Y. Beauty clay, face finish and powder, cold and vanishing creams. 186,161; Dec. 11.
Scovil, Cora L., New York, N. Y. Aprons. 182,936; Oct. 16.
Scowcroft, John, & Sons Company, Ogden, Utah. Salad dressing, salad and olive oil, vinegar, etc. 182,014; Nov. 13.
Scowcroft, John, & Sons Company, Ogden, Utah. Tea, shelled walnuts, vinegar, and tomato catchup. 182,015; Dec. 25.
Scranton Cap Manufacturing Company, Scranton, Pa. Men's and boys' hats and caps. 175,214; June 5.
Scribner's, Charles, Sons, New York, N. Y. Monthly publication. 178,631; June 26.
Scribners Ink Co. (See Hickok, Clarence G.)
Scripture, Arthur P., New York, N. Y. Steel bars and billets. 175,328; Apr. 3.
Scully, D. B., Syrup Company, Chicago, Ill. Corn-sirup apple jelly. 155,775; Mar. 6.
Scully, D. B., Syrup Company, Chicago, Ill. Sirup for table purposes. 173,786; June 5.
Seaboard Chemical Company. (See Williams, Martin & Gray.)
Seaboard Rice Milling Co., Galveston, Tex. Rice. 156,603; Nov. 20.
Seacoast Canning Company, Eastport, Me. Canned tunny fish. 173,303; July 3.
Seacoast Canning Co., The, Eastport, Me. Canned tunny fish. 185,094; Dec. 4.
Sea Coast Packing Co., Seattle, Wash. Canned salmon. 168,646; Feb. 20.
Sea Coast Packing Co., Seattle, Wash. Canned salmon. 168,647; Apr. 10.
Sea Coast Packing Co., Seattle, Wash. Canned salmon. 168,648; Dec. 18.
Sea-Dip Company, The, St. Louis, Mo. Bath salt. 171,659; Feb. 20.
Sea Food Co., Biloxi, Miss. Canned shrimp and oysters. 170,040–1; Mar. 13.
Seaman Paper Company, Chicago, Ill. Enamel book paper. 182,860–1; Oct. 30.
Seaman Paper Company, Chicago, Ill. Ledger paper. 182,862; Oct. 30.
Seaman Paper Company, Chicago, Ill. Uncoated book paper. 182,863; Oct. 30.
Seaman Paper Company, Chicago, Ill. Bristol-board paper. 182,864; Oct. 30.
Seaman Paper Company, Chicago, Ill. Coated cardboard paper. 182,865; Oct. 30.
Seaman Paper Company, Chicago, Ill. Uncoated book paper. 182,866–7; Oct. 30.
Seaman Paper Company, Chicago, Ill. Enameled book paper. 182,868; Oct. 30.
Seaman Paper Company, Chicago, Ill. Writing paper. 182,869; Oct. 30.
Seaman Paper Company, Chicago, Ill. Writing and mimeographing paper. 182,870; Oct. 30.
Seaman Paper Company, Chicago, Ill. Uncoated book paper. 182,871; Oct. 30.
Seaman Paper Company, Chicago, Ill. Manila tag paper. 182,872; Oct. 30.
Seaman Paper Company, Chicago, Ill. Unwatermarked sulphite bond paper. 182,873; Oct. 30.
Seaman Paper Company, Chicago, Ill. Watermarked sulphite bond paper. 182,874; Oct. 30.
Seaman Paper Company, Chicago, Ill. Specially duplex coated paper. 182,875; Oct. 30.
Seaman Paper Company, Chicago, Ill. Enameled book paper. 182,876; Oct. 30.
Seaman Paper Company, Chicago, Ill. Uncoated book paper. 182,877–80; Oct. 30.
Searle, C. D., and Company, Chicago, Ill. Nerve depressant. 187,645; Dec. 25.
Sears, Roebuck and Company, New York, N. Y., and Chicago, Ill. Phonograph records. 140,072; Apr. 24.
Sears, Roebuck and Company, New York, N. Y., and Chicago, Ill. Sound boxes for phonographs. 140,073; May 8.
Sears, Roebuck and Co., Chicago, Ill. Catalogues published semiannually. 169,424; Jan. 30.
Sears, Roebuck and Co., Chicago, Ill. Plowshares, plows, cultivators, corn planters, disk harrows. 175,109; Mar. 20.
Sears, Roebuck and Co., Chicago, Ill. Safety pins. 175,215; May 8.
Sears, Roebuck and Co., Chicago, Ill. Talcum powders. 175,275; May 22.
Sears, Roebuck and Co., Chicago, Ill. Corsets. 175,525; July 31.
Sears, Roebuck and Co., Chicago, Ill. Fountain pens. 187,136; Dec. 11.
Seaside Oil Company, Summerland, Calif. Petroleum products. 171,961; Jan. 9.
Sebastian Packing Co. (See Carroll, J. Pratt, Inc.)
Secoy, Edward A., doing business as Oak Grove General Sanitarium, Williamsport, Ohio. Medicine for the treatment of influenza, etc. 178,875; Aug. 14.
Security Cement & Lime Co., Hagerstown, Md. Ground and hydrated lime. 165,760; July 3.
Security Cement & Lime Co., Hagerstown, Md. Portland cement. 165,761; Jan. 9.
Security Cement & Lime Co., Hagerstown, Md. Portland cement. 165,762; Feb. 13.
Security Drug Co., Alameda, Calif. Hair shampoo, dandruff remover, hair tonic, and scalp cleanser. 170,550; Feb. 13.
Security Metal Products Co., The, Cincinnati, Ohio. Screw caps, tops, and covers for bottles, jars, cans, etc. 183,762; Dec. 4.
Security Rubber and Belting Company, Chicago, Ill. Belting. 185,624; Dec. 4.
Sedalia Manufacturing Company, Sedalia, Mo. Welding flux. 177,523; Aug. 21.
Seelbach, K. C., Company, Inc., New York, N. Y. Scissors, shears, razor blades, pocket, table, and other knives. 171,819; Feb. 27.
Seelig, Sam, Co., Los Angeles, Calif. Grape juice. 187,542; Dec. 4.
See-Moon & Company, Chicago, Ill. Canned goods, preserved and dried fruits, cereals, etc. 164,270; Oct. 2.
See-Moon & Company, Chicago, Ill. Canned vegetables, and fruits, preserved fruits, etc. 164,271; Sept. 25.
Segall, M. R., doing business as M. R. Segall & Co., Baltimore, Md. Coal, coke, and charcoal. 179,169; June 19.
Segerstrom, Emil B., Anaheim, Calif. Soap, soap paste and powder. 171,390; Mar. 27.
Sehon, Stevenson & Company, Huntington, W. Va. Coffee. 171,595; Apr. 10.
Seiberling Rubber Company, Akron, Ohio. Soles and heels for boots and shoes. 164,564; June 12.
Seidenberg, R. J., Co., Buffalo, N. Y. Cigars. 178,003; July 3.
Seidenberg, R. J., Company, Buffalo, N. Y. Cigars, cigarettes, cheroots, smoking tobacco. 185,796; Dec. 25.
Seidman, Charles, doing business as Charles Seidman & Co., Philadelphia, Pa. Neckties. 183,763; Sept. 25.

Seifert, Oswald, Salt Lake City, Utah. Blood purifiers, stomach tonic, cough sirup, etc. 169,376; June 26.
Seigenberg & Sher, Los Angeles, Calif. Dolls. 179,062; May 29.
Selbach, Max, Pforzheim-Dillstein, Germany. Strings for violins and similar musical instruments. 171,287; June 5.
Seldage, Joseph J., Spokane, Wash. Insecticide for use in exterminating rodents, etc. 173,366; Apr. 24.
Select Packing Co., Easton, Pa. Dried fruit and salted-nut mixture. 179,487; Sept. 11.
Selenkow, Jacob K., Brooklyn, N. Y. Hobby horses, children's automobiles, aeroplane toys. 156,031; Feb. 6.
Self-Expression Publishing Company. (See Tsukalas, Nicholas.)
Selig Company, The, Atlanta, Ga. Deodorizing fluid. 180,393; Aug. 14.
Selig Company, The, Atlanta, Ga. Disinfectant. 180,394–6; Aug. 14.
Selker, J. W., Cigar Co., Clarion, Pa. Cigars. 171,338; Jan. 16.
Selkow, Irving, doing business as Washington Barber Supply Co., New York, N. Y. Hair tonic. 179,227; Aug. 14.
Selkow, Irving, doing business as Washington Barber Supply Co., New York, N. Y. Hair dressing. 184,525; Dec. 18.
Selkowitz, Isidor J., doing business as Mirose Laboratories, New York, N. Y. Hair tonic, complexion powder, depilatory, etc. 159,628; May 29.
Selle, H. W., & Co., Chicago, Ill. Packing pads made of excelsior, etc., used in packing objects for shipments. 178,474; July 17.
Sellers, Ben F., Yakima, Wash. Fresh apples and pears. 182,618; Oct. 16.
Sellmayer, Ludwig, doing business as L. Sellmayer & Sons, Baltimore, Md. Lard and lard substitutes and compounds. 170,696; Oct. 16.
Selrite Products Inc., New York, N. Y. Animated-figure toys. 162,318; Aug. 21.
Selrite Products Inc., New York, N. Y. Children's furniture. 162,319; Nov. 27.
Seltzer, Samuel, doing business as Seltzer & Rydholm, Inc., Auburn, Me. Beverages sold as soft drinks. 176,101; Dec. 18.
Semel, J. H., & Co., New York, N. Y. Children's knit underwear. 163,653; Apr. 10.
Semet-Solvay Company, Solvay, N. Y. Concrete hardener and accelerator. 173,250; Mar. 27.
Semet Solvay Company, Solvay, N. Y. Organic and inorganic chemicals. 173,251; Apr. 10.
Seminole Remedy Co. (See Shields, Henry H.)
Semon Bache & Company, New York, N. Y. Colored glass. 184,920; Oct. 30.
Semple, Jas. A., doing business as The Lumidor Co., Chicago, Ill. Humidifying devices for internal-combustion engines. 169,377; Jan. 9.
Senora Paint Works, Inc., Long Island City, N. Y. Mixed liquid paints. 177,752; June 19.
Serage, Francis L., doing business as Community Advertising Co., Columbus, Ohio. Calendars published annually. 176,285; May 22.
Seroline Remedy Co. (See Erbar, Samuel M.)
Serrurier, Iwan, Altadena, Calif. Cabinet motion-picture apparatus. 174,228; Sept. 4.
Service Equipment Co., Inc., New York, N. Y. Sheetings and pillowcases. 183,236; Aug. 28.
Service Equipment Co., Inc., New York, N. Y. Sheetings and pillowcases. 183,237; Oct. 16.
Service Sales Agency. (See Curtiss, Lloyd, assignor.)
Servus Rubber Company, Rock Island, Ill. Rubber and canvas footwear. 180,453; Nov. 20.
Setaro, Joseph, Millbrook, N. Y. Dandruff remedy and hair dressing. 182,225; Oct. 16.
Sethness Company, Chicago, Ill. Nonalcoholic, maltless sirup for making a citrous beverage. 173,147; Oct. 2.
Sethness Company, Chicago, Ill. Sirup to be used in making a chocolate malted ice cream or drink. 174,264; Dec. 18.
Sethness Company, Chicago, Ill. Chocolate malted concentrate for the making of a food drink. 174,265; July 3.
Sethness Company, Chicago, Ill. Beverage sold as a soft drink and sirups for making same. 175,681; July 10.
Seton Leather Co., Newark, N. J. White side leather, white kips, patent colt skins, etc. 177,202; Nov. 20.
Setzer, Albert, Providence, R. I. Electric storage batteries. 164,129; Apr. 24.
Seven-O-Co., The, Philadelphia, Pa. Vinegar. 184,042; Dec. 4.
Sewall Paint & Glass Company, Kansas City, Mo. Ready-mixed wall paints, wall size, and wall-paint thinners. 172,186; Feb. 27.
Sewall Paint & Glass Company, Kansas City, Mo. Varnishes, varnish stain, enamels, etc. 180,814; July 10.
Sewall Paint and Glass Company, Kansas City, Mo. Prepared paint. 183,320; Oct. 2.
Seward Trunk and Bag Company, Petersburg, Va. Wardrobe trunks. 178,004; May 15.
Seward Wire Company, Parkersburg, W. Va. Rubber-covered electric wire cables. 181,317; Dec. 18.
Sewell-Clapp-Envelopes, Chicago, Ill. Envelopes. 171,288; Jan. 16.
Sewickley Electric Manufacturing Company, Sewickley, Pa. Electric watt-hour meters. 171,554; Feb. 13.
Sexauer, Frederick E., doing business as Frederick E. Sexauer and Company, Brooklyn, N. Y. Fancy leather goods. 117,254; Sept. 11.
Sexauer, J. A., Mfg. Co. Inc., New York, N. Y. Paste pipe cleaner. 184,872; Dec. 18.
Sexton, John, and Company, Chicago, Ill. Canned vegetables, beans and pork, prepared spaghetti, flavoring extracts, peanut butter, etc. 153,625; Mar. 20.
Sexton, John, and Company, Chicago, Ill. Baking powder, table salt, fruit and vegetable coloring, lye, glycerin, etc. 153,696; Mar. 6.
Sexton, John, and Company, Chicago, Ill. Washing and scouring soap. 187,899; Dec. 25.
Seydel Chemical Company, Nitro, W. Va., and Jersey City, N. J. Local anæsthetic. 164,087; Jan. 23.
Scyler Medicine Co., The, Cincinnati, Ohio. Medicine for cuts, burns, sores, and bruises. 187,544; Dec. 25.
Seymour Manufacturing Company, The, Seymour, Conn. Metal electrodes. 175,951; June 26.
Seymour Manufacturing Company, The, Seymour, Conn. Metals—namely, brass, gilding, copper, etc. 175,952; May 15.
Seymour Manufacturing Company, The, Seymour, Conn. Metals. 175,953; June 19.
Seymour Manufacturing Company, The, Seymour, Conn. Metal alloys of copper, zinc, and nickel, wire in coils, etc. 175,954; May 15.
Seymour Manufacturing Company, The, Seymour, Conn. Metal alloys. 175,955; June 12.
Seymour Manufacturing Company, The, Seymour, Conn. Metal alloys, wire, and rods. 175,956; June 19.
Seymour Packing Company, The, Topeka, Kans. Dressed poultry. 156,926; Jan. 23.
Seymour Packing Company, The, Topeka, Kans. Dressed poultry and eggs. 156,927; Jan. 23.
Seymour Packing Company, The, Topeka, Kans. Dressed poultry. 156,928; Jan. 23.
Seymour Packing Company, The, Topeka, Kans. Dressed poultry and eggs. 156,929; Jan. 23.
Seymour Packing Company, The, Topeka, Kans. Dressed poultry. 174,925; May 8.
Seymour & Peck Company, Chicago, Ill. Shipping drums. 181,701–2; Nov. 20.
Shafarman, L., Inc., New York, N. Y. Headwear—namely, soft and stiff hats for men. 176,921; May 22.
Shaffer, Cleve T., San Francisco, Calif. Net game similar to tennis. 183,000; Oct. 23.
Shaffer Stores Company, Altoona, Pa. Canned corn and peas. 186,334; Dec. 25.
Shaffner, S. E., Co., Portland, Oreg. Food-flavoring extracts, crushed and canned fruits. 168,807; May 15.
Shamrock Mfg. Co. (See Rose, Herman R.)
Shamrock Overall Mfg. Co., Louisville, Ky. Overalls. 171,710; June 26.
Shane, C. B., Co., Chicago, Ill. Raincoats and topcoats. 175,110; June 5.
Shannon, J. A., & Son, Iowa Falls, Iowa. Dressed poultry and eggs. 164,562; Aug. 7.
Shannon, J. Jacob, & Co., Philadelphia, Pa. Derricks, cranes, steam shovels, parts thereof, etc. 176,049; July 10.
Shannon, John C., London, England. Men's, youths', boys', and ladies' clothing. 180,398; Sept. 18.
Shansby, Joseph B., Seattle, Wash. Caps, sweaters, leggings, scarfs, bathing suits, hose, gloves. 178,534; Sept. 18.
Shapero, Lewis & Co., New York, N. Y. Dresses. 170,551; June 5.
Shapiro Candy Mfg. Co. Inc., Brooklyn, N. Y. Chocolate candies. 163,599; Sept. 11.
Shapiro, Esther C., doing business as American Diamond & Jewelry Co., Chicago, Ill. Pearls, pearl necklaces, and pearl-mounted jewelry. 173,444; Aug. 21.
Shapiro, Louis, and Co. (See Shapiro, Louis.)
Shapiro, Louis, doing business as Louis Shapiro and Co., Mount Vernon, N. Y. Men's ready-made suits and overcoats. 163,117; Apr. 3.
Shapiro, Louis, doing business as Louis Shapiro & Co., New York, N. Y. Men's ready-made suits and overcoats. 177,626–7; July 10.
Shapleigh Hardware Company, St. Louis, Mo. Baby baths, coffee and rice boilers, bowls, etc. 162,358; July 3.
Shapleigh Hardware Company, St. Louis, Mo. Enameled ware consisting of rice boilers, mixing bowls, washbowls, etc. 166,608; Jan. 2.
Shapleigh Hardware Company, St. Louis, Mo. Lawn mowers. 183,599; Oct. 30.
Sharaf, Morris, Boston, Mass. Ladies' aprons. 156,027; Jan. 2.
Sharon Pressed Steel Co., Sharon, Pa. Hand trucks. 165,764; Feb. 13.
Sharon Pressed Steel Co., Sharon, Pa. Dollies. 165,765; Feb. 6.
Sharon Pressed Steel Co., Sharon, Pa. Trailers. 165,766; Feb. 13.
Sharp, Lemuel J., doing business as Paracide Co., Commerce, Ga. Remedy for itch. 187,646; Dec. 25.

Alphabetical list of trade-mark applicants—Continued.

Sharp & Dohme, Baltimore, Md. Suppurative medicinal powder. 171,596; Apr. 3.
Sharpe, Frank H., Dorchester, Mass. Machines for dividing dough. 169,260; Feb. 20.
Sharpe-Philippi Co. Inc., Philadelphia, Pa. Germicidal solution. 155,327; Feb. 20.
Sharrow, Geo. C., doing business as Lifo Medicine Company, Columbus, Ohio. Medicine for the stomach, liver, kidneys, and bowels. 184,105; Dec. 18.
Shattuck, Frank G., Company, doing business as Schrafft's, New York, N. Y. Candy. 172,560; May 15.
Shaw, Arthur H., Wellesley, Mass. Live poultry and eggs. 157,855; May 1.
Shaw, Frederick G., Brooklyn, N. Y. Cream to be applied to the skin as an insect repellent. 176,505; July 10.
Shaw, Marvin and Co., New York, N. Y. Dresses. 170,995; May 15.
Shaw, William T., doing business as Shoemaco Mfg. Co., Bellevue, Ohio. Foot powder. 155,709; Mar. 20.
Sheaffer, W. A., Pen Company, Fort Madison, Iowa. Fountain pens. 157,185; June 26.
Shearer & McCarthy Corp., The, Camden, N. J. Artificial flowers. 184,216; Nov. 13.
Shearer & McCarthy Corp., The, Camden, N. J. Baskets. 184,217; Nov. 20.
Shedaker, Charles E. & Sons, Philadelphia, Pa. Men's and women's woven textile athletic underwear and women's bloomers. 179,627; Aug. 14.
Sheberashenko, Andrey, doing business as Radius Tool Co., Detroit, Mich. Radius tools and knurling tools for holders. 162,954; Jan. 2.
Sheehan, Jeremiah, Providence, R. I. Preparation for the treatment of piles. 186,028; Dec. 18.
Sheet Lathing Corporation, assignor to Plastuc Mfg. Corporation, Syracuse, N. Y. Sheet lathing. 171,962; Mar. 27.
Sheet Steel Products Co., Michigan City, Ind. Cabs for vehicles. 184,686; Nov. 27.
Sheffer, Max B., Card Co., Chicago, Ill. Sets of pictures. 172,404; May 29.
Sheffield Mfg. Co., Burr Oak, Mich. Children's hand sleds. 174,530; Aug.21.
Shefftel, Michael W., doing business as Rheumatum Company, Stigler, Okla. Liniment for rheumatism, bruises, etc. 177,111; July 10.
Sheik Toilet Products Company. (See Kleis, Adolf J.)
Sheip and Vandegrift, Inc., Philadelphia, Pa. Radio amplifier horns. 181,572; Oct. 23.
Shelby Wax Paper Company, The, Shelby, assignor to The Crystal Waxing Company, Middletown, Ohio. Sheets of waxed paper and packages. 171,286; May 22.
Sheldon, Albert K., Company, Boston, Mass. Dry colors, paste and ready-mixed paints, varnishes, etc. 179,747; Nov. 20.
Sheldon, Arthur N., jr., Providence, R. I. House organ published quarterly. 184,801; Nov. 6.
Sheldon Booth & Co., Chicago, Ill. Polish for polishing enameled, painted, or varnished surfaces. 172,236; Mar. 13.
Shell Company of California, San Francisco, Calif. Lubricating oils. 174,186; Mar. 13.
Shellac Co. of New York, New York, N. Y. Chemical composition for the removal of oils, paints, etc. 172,689; Mar. 13.
Shellac Co. of New York, New York, N. Y. Prepared shellac, varnishes, color stains, etc. 172,690; Mar. 13.
Shely, Elizabeth, doing business as Alsa Laboratory, Los Angeles, Calif. Toilet preparations. 162,696; Apr. 3.
Shepard Norwell Company, Boston, Mass. Boots, shoes, and slippers. 172,187; Apr. 10.
Shepardson, Merton A., Springfield, Mass. Pure flavoring extracts, imitation flavoring extracts, paste vanillas, etc. 159,623; Dec. 11.
Sheppard, George W., San Francisco, Calif. Parlor games. 175,217; Aug. 21.
Sheppard, George W., San Francisco, Calif. Parlor games. 179,383; June 19.
Sheppard, George W., San Francisco, Calif. Parlor games. 183,724; Dec. 25.
Sheppard, Osmond M., Bellingham, Wash. Candy. 173,367; June 19.
Sheratone Products Corporation, New York, N. Y. Finishing and polishing materials in the nature of a varnish. 173,678; Apr. 17.
Sherman, Bernard E., doing business as Vital Food Company of California, assignor to Rose Wilke, Los Angeles, Calif. Laxative herbal compound. 184,106; Nov. 27.
Sherman Coffee Company, The, Sherman, Tex. Roasted and ground coffee. 178,475; Aug. 21.
Sherman, H. B., Manufacturing Co., Battle Creek, Mich. Electric motors and parts thereof. 181,223; Sept. 4.
Sherman & Lebair, Incorporated, New York, N. Y. Hosiery, boots, shoes, overalls, and rompers. 174,492; Sept. 18.
Sherwin-Williams Company, Cleveland Ohio. Paint, paint enamels, japans, varnishes, stains, etc. 136,241; Feb. 20.
Sherwin-Williams Company, Cleveland, Ohio. Paint, paint enamels, japans, stains, etc. 145,131; Feb. 20.
Sherwin-Williams Company, The, Cleveland, Ohio. Paint (liquid, paste, or semipaste), paint enamels, varnishes, stains, lacquers, etc. 147,470; Feb. 13.
Sherwin-Williams Company, The, Cleveland, Ohio. Combined linoleate and resinate lead and manganese drier. 173,581; Feb. 20.
Sherwin-Williams Company, The, Cleveland, Ohio. Paints, paint enamels, japans, varnishes, stains, and fillers. 173,680–1; Mar. 20.
Sherwin-Williams Company, The, Cleveland, Ohio. Paints, paint enamels, japans, varnishes, stains, and fillers. 173,787; Mar. 20.
Sherwin-Williams Company, The, Cleveland, Ohio. Paints, paint enamels, japans, varnishes, stains, and fillers. 173,789; Mar. 20.
Sherwin-William Company, The, Cleveland, Ohio. Paints, paint enamels, japans, varnishes, etc. 174,413; Apr. 17.
Sherwood Bros. Mfg. Co. Inc., Canastota, N. Y. Children's four-wheeled wagons. 178,677; Nov. 6.
Sherwood Petroleum Company Inc., Brooklyn, N. Y. White mineral oil for medicinal purposes. 173,368–9; Apr. 3.
Sherwood Petroleum Company, Inc., Brooklyn, N. Y. Synthetic petrolatum and petroleum jelly 179,063; Aug. 14.
Shields, Belmont L., doing business as Dandereater Company, Leesville, La. Hair tonic. 168,985; Jan. 2.
Shields, Burton T., doing business as Shields and Hopkins Company, Indianapolis, Ind. Periodical publications. 174,927; Apr. 17.
Shields, Henry H., doing business as Seminole Remedy Co., Louisville, Ky. Preparation for the treatment of rheumatism, kidney and bladder trouble, neuralgia, etc. 170,259; Feb. 20.
Shiffer Products Company, The, Cleveland, Ohio. Automobile soap. 185,846; Dec. 11.
Shim, George H., Co., Inc., The, Philadelphia, Pa. Candy. 187,268; Dec. 25.
Shinbaum, Ernest, doing business as Embro Medicine Company, Chattanooga, Tenn. Embrocation or liniment. 156,827; Jan. 9.
Shinn, Jeannette C., doing business as J. C. Shinn Co., New York, N. Y. Educational card game. 174,217; Oct. 2.
Shipman, Clara M., doing business as C. A. Mosso Laboratories, Chicago, Ill. Antiseptic liniment for first-aid treatment of burns, cuts, bruises, etc. 166,265; Feb. 13.
Shirek & Hirsch, New York, N. Y. Outer garments. 180,030; Dec. 11.
Shirland Knitting Mills. (See Ellis, John S.)
Shirley Manufacturing Co., Shreveport, La. Finger rings and ring mountings. 171,820; Mar. 27.
Shirt Snubers Company, The, Toledo, Ohio. Devices for preventing shirts from creeping up. 176,577; May 8.
Shoemaco Mfg. Co. (See Shaw, William T.)
Shoemaker, Flora H., doing business as The Frostilla Company, Elmira, N. Y. Lotion for the skin. 173,445; July 24.
Shoemaker, Flora H., doing business as The Frostilla Company, Elmira, N. Y. Lotions for the treatment of the skin. 175,451; June 5.
Shoemaker, Joseph A., Bennington, Vt. Garment hangers. 157,640; Mar. 27.
Shoninger-Heinsheimer Manufacturing Co., Chicago, Ill. Children's cloaks and capes. 171,963; July 3.
Shoninger-Heinsheimer Manufacturing Co., Chicago, Ill. Juniors' and misses' cloaks, capes, and suits. 171,964; July 3.
Shoninger, Sol H., doing business as The Solvos Company, Chicago, Ill. Sanitary protective bloomer. 163,708; Dec. 4.
Shores-Mueller Company, Cedar Rapids, Iowa. Pharmaceutical and medicinal preparations for treating animals, antiseptics, germicides, etc. 172,962; Mar. 13.
Shortt, Vivian A., Indianapolis, Ind. Compound for removing carbon and other foreign particles from internal-combustion engines. 156,663; June 5.
Shotwell Mfg. Co., The, Chicago, Ill. Chocolate-covered candy bar. 158,898; Dec. 11.
Shotwell Mfg. Co., Chicago, Ill. Pop-corn candy. 181,416; Sept. 25.
Shotwell Mfg. Co., Chicago, Ill. Candies. 181,456; Aug. 21.
Shotwell's Inc., Houston, Tex. Children's clothing—namely, suits, overcoats, mackinaws, etc. 158,403; June 5.
Shrage, Max, doing business as Shrage & Pines, New York, N. Y. Blouses, undershirts, and pyjamas. 162,353; Nov. 13.
Shroyer, Jacob L., doing business as Grainola Mfg. Co., Chicago, Ill. Cereal food drink. 156,117; Nov. 13.
Shugart, Phila M., Washington, D. C. Imitation-pearl necklaces. 176,704; May 8.
Shults Ointment Company. (See Hinkson, Andrew H.)
Shurfit Hosiery Company, Not Inc., The, Chicago, Ill. Hosiery. 180,195; Oct. 23.
Shurtz, Thomas M., doing business as Manchester Handle & Turning Company, Manchester, Mich. Baseball bats. 177,458; June 19.
Shute, Bruce T., Sacramento, Calif. Fresh deciduous fruits. 176,221; July 3.
Sichel, Ferdinand, New York, N. Y. Cotton piece goods and linens in the piece. 175,028; Mar. 27.

Sidenberg, G., & Co., New York, N. Y. Cotton piece goods. 109,931; Nov. 13.
Sidney, Charles W., doing business as Electronic Equipment Company, Jacksonville, Fla. Electronic medical apparatus. 184,873; Nov. 13.
Siebenmorgen, Herman, Olney, Ill. Cigars. 186,934; Dec. 25.
Siebert, Otto W., Gardner, Mass. Toy automobiles. 163,598; Jan. 2.
Siegbert, Louis & Bro., New York, N. Y. Cotton piece goods. 172,493; May 15.
Siegbert, Louis, & Bro., New York, N. Y. Cotton piece goods. 174,037; Apr. 3.
Siegel, Henry, New York, N. Y. Ladies' trimmed hats. 180,399; Sept. 11.
Siegel, Morris, doing business as The Liko Co., Los Angles, Calif. Stove polish. 171,965; Mar. 20.
Sierra Chemical Company, Los Angeles, Calif. Water-softening compound. 156,721; Mar. 6.
Sierra Pacific Canning Co., San Francisco, Calif. Canned fruits and vegetables. 181,915; Nov. 6.
Sierra Pacific Canning Co., San Francisco, Calif. Canned fruits and vegetables. 181,916; Sept. 4.
Sierra Refining Company, Los Angeles, Calif. Gasoline. 174,155; Feb. 27.
Sierra Vista Vineyard Corporation, San Francisco, Calif. Fresh grapes. 169,329; Feb. 27.
Sifers, Harry I., doing business as The Sifers Confection Co., Kansas City, Mo. Candy. 178,067; June 12.
Sifo Products Company, St. Paul, Minn. Shingle strips. 155,836; June 5.
Sig Chemical Co. (See Tomacelli, Maria.)
Sigler Bros. Co., The, Cleveland, Ohio. Jewelry. 167,853; July 24.
Silberstein, J. D., & Sons, Inc., New York, N. Y. Dress shirts. 175,441–2; Aug. 28.
Silberstein, Joseph, New York, N. Y. Handkerchiefs. 171,871–2; Jan. 16.
Silberstein, Joseph, New York, N. Y. Handkerchiefs. 183,088; Aug. 28.
Silberstein, Joseph, New York, N. Y. Handkerchiefs. 185,847; Nov. 20.
Silberstein, Rosen & Sons, Inc., New York, N. Y. Handkerchiefs. 166,109; Feb. 6.
Silberstein, Rosen & Sons, Inc., New York, N. Y. Handkerchiefs. 173,304; Apr. 24.
Silberstein, Rosen & Sons, Inc., New York, N. Y. Handkerchiefs. 173,370; Feb. 20.
Silene, Alfred T., Cambridge, Minn. Hair saver and darkener. 170,697; Feb. 13.
Silger Laboratories, Buffalo, N. Y. Preparation for dressing the hair. 181,869; Sept. 25.
Silveira, Carmo & Companhia, Lisbon, Portugal. Sardines in oil. 169,139; June 12.
Silver Bell Chemical Co. (See Youngstown Barber Supply Co.)
Silver King Mineral Water Co., Inc., New York, N. Y. Mineral water. 186,759; Nov. 20.
Silver Lane Pickle Company, The, East Hartford, Conn. Chowchow pickle, mixed pickle, sour onions, gherkins, etc. 179,562; Sept. 11.
Silver, M. & H., Incorporated, Norfolk, Va. Fountain pens and pencils. 174,928; May 15.
Silver Pad Mfg. Co. Inc., The, Herkimer, N. Y. Protecting pad for furniture. 170,159; Mar. 13.
Silver Palm Citrus Growers Association, Maranja, Fla. Fresh citrous fruits. 170,044; May 29.
Silvodent Co., The. (See Garrison, Harry B.)
Silz, A., Inc., New York, N. Y. Canned plum pudding. 171,141; May 22.
Simmons Company, Kenosha, Wis. Bed springs. 183,412; Oct. 30.
Simmons, Felix, doing business as Styla Silk Hosiery Co., Worcester, Mass. Hosiery. 162,647; Nov. 20.
Simmons, Georgia A., Washington, D. C. Preparation for growing hair and the eradication of dandruff. 169,829; June 19.
Simmons Hardware Company, St. Louis, Mo. Bicycle tires and automobile tubes and casings. 169,259; Aug. 14;
Simon, Franklin, & Co. Inc., New York, N. Y. Men's, boys', women's and girls' furnishings, undergarments, and clothing. 170,431; June 26.
Simon, Franklin, & Co. Inc., New York, N. Y. Collars and cuffs. 173,338; Sept. 11.
Simon, Franklin, & Co. Inc., New York, N. Y. Men's and boys' furnishings, undergarments, and clothing. 179,689; Nov. 6.
Simon, Horatio, & Co., New York, N. Y. Outer garments for female wear. 173,339; Aug. 28.
Simon, J., & Cie., Lyon and Paris, France. Toilet soaps. 150,772; Oct. 2.
Simon, Leo, doing business as Natchez Baking Company, Natchez, Miss. Fruit cake. 169,987; May 1.
Simon, M., & Son, New York, N. Y. Hats and caps commonly known as hockey caps. 152,385; Mar. 20.
Simon Milling Supply Co., San Francisco, Calif. Ladies' hats. 182,726; Nov. 27.
Simon, N., & Co., Chicago, Ill. Apron dresses. 179,748; July 17.
Simonds Saw and Steel Company, Fitchburg, Mass. Saws. 175,957–8; May 29.
Simonds Saw and Steel Company, Fitchburg, Mass. Saws. 176,000; May 29.
Simonds Saw and Steel Company, Fitchburg, Mass. Machine knives and shears. 183,006; Nov. 20.
Simonin, Isaac M., doing business as C. F. Simonin's Sons, Philadelphia, Pa. Edible coconut-oil products. 163,009; Jan. 30.
Simonin's, C. F., Sons. (See Simonin, Isaac M.)
Simons Brick Company, Los Angeles, Calif. Brick. 184,426; Nov. 27.
Simons & Struve Hosiery Co., The, Philadelphia, Pa. Hosiery. 166,961; Jan. 9.
Simonson, Wilmot H., Medford, Mass. Filling for puddings, pies, and layer cake. 169,186; Apr. 10.
Simplex Electrical Laboratories, Inc., New York and Brooklyn, N. Y. Electrical instruments for adapting commercial alternating current for use in radio receiving circuits. 184,107; Dec. 18.
Simplicity Sales Company, Seattle, Wash. Loose-leaf books of accounting, packages and pages therefor. 178,068; June 19.
Simpson, Tracy W., doing business as American Dishwashing Machine Company, Oakland, Calif. Dishwashing machines. 171,477; Feb. 27.
Simpson, Wm., Sons & Co., Philadelphia, Pa. Warp sateens. 180,147; Nov. 6.
Simpson, Wm., Sons & Co., Philadelphia, Pa. Cotton goods in the piece. 182,679; Aug. 28.
Sims Milling Company, Frankfort, Ind. Cereal made from wheat. 179,229; Sept. 18.
Sims, Wythe D., Birmingham, Ala. Hair dressings. 148,094; Dec. 18.
Simson & Frey, Inc., New York, N. Y. Strings for violins and similar musical instruments. 172,561; Apr. 3.
Sinai, Samuel, doing business as Lining Importers & Converting Co., New York, N. Y. Silk, cotton, and wool piece goods and combinations thereof, etc. 169,607; Jan. 2.
Sinclair Refining Company, Chicago, Ill. Oils made from petroleum. 180,503; June 19.
Sindol Co. (See Schwarze, Carl A.)
Singer, Louis, doing business as L. S. Laboratories, New York, N. Y. Nail polishes, paste polish, nail white, etc. 178,290; Sept. 11.
Singer Manufacturing Company, The, New York, N. Y., and Elizabeth, N. J. Electric motors and parts, controllers and parts thereof, electric lamps, etc. 181,703; Sept. 4.
Singh, Wassan, Portland, Oreg. Herb hair cream and massage cream. 145,923; Oct. 23.
Sioux Candy Company, Sioux City, Iowa. Candy. 184,687; Dec. 4.
Sipe, James B., & Co., Inc., Bridgeville, Pa. Plastic or semiplastic cement for protecting iron. 175,218; May 22.
Sipe, James B., & Co., Pittsburgh, Pa. Paste paint. 179,326; July 3.
Sipe, James B., & Company, Pittsburgh, Pa. Primer paint for metal surfaces. 179,325; July 3.
Sipe, James B., & Company, Pittsburgh, Pa. Paint oil to be added to paint. 179,331; July 3.
Sipp Novelty Co. Inc., New York, N. Y. Spinning tops. 175,029; May 1.
Sire & Petersen Wrench Co., De Witt, Nebr. 178,775; Aug. 21.
Siren Milk Corporation, Chicago, Ill. Powder used in making chocolate sauces or sirups for food purposes. 176,102; July 24.
Sischo, Kittie F., Santa Monica, Calif. Dolls. 168,651; Apr. 3.
Sisco Bros. Candy Co., Chicago, Ill. Candy. 168,493; Apr. 24.
Sisk, Albert W., & Son, Preston, Md. Canned fruits and vegetables. 166,718; June 26.
Sitroux Importing Co., Inc., New York, N. Y. Hair nets. 183,238; Aug. 28.
Six Bakers. (See Massachusetts Baking Company.)
Six In One Cereal Co., Hinckley, Ill. Cereal breakfast foods. 157,903; Mar. 20.
Skeehan, Josephine G., San Francisco, Calif. Tonic, blood purifier, and rheumatism medicine. 158,651; Feb. 27.
Skinner Machinery Company, Dunedin, Fla. Publication issued monthly. 174,493; May 15.
Sklarek, Albert, Co. Inc., New York, N. Y. Upholstered furniture. 176,922; Aug. 7.
Sklarew, Bernard, New York, N. Y. Brassières. 182,680; Nov. 13.
Skoog, A. Emil, New York, N. Y. Checks, bonds, securities, writing, and printing paper. 186,618; Dec.25.
Skratch Manufacturing Co., Los Angeles, Calif. Ointment for itching scalp, itching eczema, seven-year itch, etc. 175,744; June 26.
Skylark Radio Company. (See Perry, Desjardins & Temple Co.)
Slands M'f'g Co., New York, N. Y. Sheepskin coats. 183,636; Sept. 25.
Slattery, Samuel C., Port Angeles, Wash. Insecticides. 170,408; Mar. 6.
Sleater, John C., Co., Inc., New York, N. Y. Tablecloths, napkins, doilies, etc. 177,701; July 10.
Sleeper Radio Corporation, New York, N. Y. Radio receiving sets and parts thereof. 182,271; Oct. 9.
Slenda Form Laboratories. (See Oppenheimer, Herbert.)

Sloman, Ernest G., San Francisco, Calif. Card game. 177,143; July 17.
Slomon, Ira I., New York, N. Y. Glue products. 171,555; July 17.
Slote & Schaffer, New York, N. Y. Ladies' belts for personal wear. 184,989; Dec. 25.
"Smallex," Chicago, Ill. Inunction for the treatment of rheumatism. 154,155; Oct. 23.
Smalley, Florence L. W., Los Angeles, Calif. Motion-picture films, positives, negatives, stills, pictures projected on screens. 169,045; Mar. 20.
Smart, David, Chicago, Ill. Title of monthly magazine. 177,112; June 19.
Smidt, Edward, Nybollegaard, near Espe, Denmark. Export cream, condensed cream, and cheese. 165,464; Jan. 30.
Smidt, Edward, Nybollegaard, Denmark. Export cream, condensed milk, and cheese. 169,458; Aug. 7.
Smiley Company, The, Des Moines, Iowa. Medicine used in the treatment of diphtheria. 174,342; May 15.
Smillo, Daniel, New York, N. Y. Pearls, necklaces, bracelets, and earrings. 176,578; Oct. 9.
Smith, A. W., Shoe Company, Boston, Mass. Leather boots and shoes. 160,159; Mar. 20.
Smith, Allen T., and George F. Case, Los Angeles, Calif. Monthly publication. 171,661; Feb. 27.
Smith, Arthur G., doing business as The Spic Company, Chicago, Ill. Toilet powder. 180,304; July 31.
Smith, Basil L., System, Inc., The, Philadelphia, Pa. Completely-printed classified advertising forms and instruction sheets. 169,228; Mar. 13.
Smith-Beal Fire Brick Co., Minneapolis, Minn. Fire brick, high-temperature cements, fire-clay tile, cupola blocks, and kiln liners. 170,904; Apr. 24.
Smith Brothers, Inc., Poughkeepsie, N. Y. Cough drops. 173,985; May 15.
Smith, C. B., & Bro. (See Smith, Francis S.)
Smith, Charles C., New York, N. Y. Knitted bathing suits. 186,252; Dec. 11.
Smith, Charles T., Company, Inc., New Bedford, Mass. Beverages sold as soft drinks. 176,223; May 22.
Smith, De Calvus, Arkansas City, Kans. Remedy to prevent hemorrhages. 181,417; Aug. 28.
Smith & Dove Manufacturing Co., Andover, Mass. Linen thread. 166,857; Jan. 2.
Smith & Dove Manufacturing Co., Andover, Mass. Cotton thread. 167,059; Jan. 23.
Smith & Dove Manufacturing Co., Andover, Mass. Cotton thread. 179,230; June 19.
Smith & Dove Manufacturing Co., Andover, Mass. Cotton thread. 179,231; Nov. 13.
Smith, Edward, & Company, Long Island City, N. Y. Varnishes. 177,629; May 1.
Smith, Effie L., Corvallis, Oreg. Preparation for the treatment of cancer. 177,203; Aug. 7.
Smith & Egge Manf'g. Co., The, Bridgeport, Conn. Sheet-metal chains. 173,446; May 15.
Smith & Egge Manfg. Co., The, Bridgeport, Conn. Sheet-metal chains. 173,447; Apr. 24.
Smith & Egge Mfg. Co., The, Bridgeport, Conn. Non-ferrous metals and their alloys. 181,704; Sept. 11.
Smith, Mrs. Elmira, doing business as Mrs. S. G. Smith, Harrison, Ga. Medicinal preparation for the treatment of pains, aches, etc. 182,881; Nov. 20.
Smith, Francis S., doing business as C. B. Smith & Bro., Boston, Mass. Coffee. 153,480; May 22.
Smith, Forest C. C., doing business as The Hem-Locked Shade Co., Luverne, Minn. Window shades. 182,069; Oct. 30.
Smith, George W., Co. (See Treat, Clifford W.)
Smith & Gregory, New York, N. Y. Golf-bag holders. 177,525; Nov. 27.
Smith & Hofsess, Eldorado, Kans. Bread. 175,682; June 19.
Smith, H. Bridgman, Company, Brooklyn, N. Y. Cloth and bolt boards, fabric winders, etc. 169,277; Mar. 20.
Smith, H. D., & Company, The, Plantsville, Conn. Screw drivers. 170,903; Mar. 6.
Smith, Hogg & Co., New York, N. Y. Cotton piece goods. 176,224; June 26.
Smith, J. Allen, & Company, Knoxville, Tenn. Stock feed. 169,089; Mar. 27.
Smith, J. Allen, & Co., Knoxville, Tenn. Self-rising flour. 175,527; June 19.
Smith, J. Bond, Washington, D. C. Soaps. 178,142; June 5.
Smith, J. Elmer, doing business as Claresa Chemical Works, Irwin, Pa. Metal and working board polishes, tile and marble cleaner, and soap chips. 169,036; Mar. 27.
Smith, J. Elmer, doing business as Claresa Chemical Works, Irwin, Pa. Rust removers, rouge, face powder, etc. 175,528; Oct. 9.
Smith, J. Elmer, doing business as Claresa Chemical Works, Irwin, Pa. Furniture polish. 175,529; Apr. 3.
Smith, James H., Turlock, Calif. Fresh cantaloupes, honey dews, and casabas. 179,490; Nov. 6.
Smith, James R., Dayton, Ohio. Hair restorer. 168,652; Mar. 13.
Smith, Joshua G., St, Paul, Minn. Chocolates wrapped in colored metal foil. 141,193; May 8.
Smith & Kanzler, Elizabeth, N. J. Asbestos cement. 181,047; Aug. 7.
Smith-Kirk Candy Co., The, Toledo, Ohio. Candy. 151,852; Jan. 2.
Smith, Kline & French Co., Philadelphia, Pa. Talcum powder. 136,571; Jan. 23.
Smith, Kline & French Co., Philadelphia, Pa. Bathing alcohol for external use. 168,735; Jan. 2.
Smith, Kline & French Co., Philadelphia, Pa. Acetylsalicylic acid. 175,168; May 29.
Smith, Kline & French Co., Philadelphia, Pa. Antiseptic antiphlogistic ointment, 175,169; May 22.
Smith Long Laboratories. (See Long, C. Smith.)
Smith, M. E., & Co., Inc., Omaha, Nebr. Dress aprons. 186,968; Dec. 18.
Smith, M. E., & Company, Inc., Omaha, Nebr. Women's shirts. 173,986; Aug. 14.
Smith Mfg. Co., Utica, N. Y. Insecticides. 169,786; Jan. 9.
Smith, Noel, doing business as Miami Optical Co., Miami, Fla. Lenses, eyeglasses, and spectacles. 180,815; July 10.
Smith Oil & Refining Company, Rockford, Ill. Core oil. 180,626; Aug. 7.
Smith Oil & Refining Company, Rockford, Ill. Cleaner and polish for automobiles, furniture, etc. 180,627; Aug. 14.
Smith Oil & Refining Company, Rockford, Ill. Lubricating oils and greases. 180,628; July 10.
Smith Oil & Refining Company, Rockford, Ill. Cutting oil. 180,629; July 10.
Smith, Pete, & Son, Cornucopia, Oreg. Preparation for use in the treatment of coughs and colds. 184,991; Dec. 18.
Smith, Phoebe, Detroit, Mich. Lamp shades. 174,980; June 5.
Smith, R. Blackwell, doing business as The Tonsone Co., Petersburg, Va. Preparation for use in treating tonsillitis, sore throat, etc. 179,334; Sept. 25.
Smith, Raymond W., doing business as Chemical Products Company, St. Louis, Mo. Eye remedy preparation for the treatment of sore, granulated, inflamed, etc., conditions of the eye or lids. 179,686; Oct. 23.
Smith, Robert H., Lewisburg, Tenn. Maltless sirups for carbonated beverages. 184,427; Dec. 18.
Smith, Russell O. L., doing business as Dentaid Products Co., Buffalo, N. Y. Paste for holding dental plates in position. 167,693; Jan. 9.
Smith Tablet Company, Inc., Holyoke, Mass. Writing paper, mailing envelopes, tablets, etc. 175,219; Mar. 27.
Smith, Thomas E., doing business as T. E. Smith Medicine Co., Houston, Tex. Liver tablet. 181,541; Nov. 20.
Smith, Thomas S., Chicago, Ill. Fresh deciduous fruits and vegetables. 174,038; Apr. 24.
Smith-Yingling Company, Westminster, Md. Canned vegetables. 164,779; Jan. 9.
Smith-Yingling Company, Westminster, Md. Canned vegetables. 164,780; Feb. 27.
Smith-Yingling Company, Westminster, Md. Canned vegetables. 165,091; Jan. 9.
Smith-Yingling Company, Westminster, Md. Canned vegetables. 165,607–8; Jan. 2.
Smithe, F. L., Machine Company, Incorporated, New York, N. Y. Wrenches. 170,098; Jan. 9.
Smithfield Company, Inc., The, Smithfield, Va. Raw and cooked hams. 162,216; Aug. 28.
Smolinsky, Phillip, doing business as Parkview Pharmacy, Kansas City, Mo. Ice cream. 166,725; Apr. 3.
Smoot, William T., Baltimore, Md. Malt sirup. 183,674; Nov. 20.
Smucker, Milton C., Chicago, Ill. Tablets for the relief of headaches, neuralgia, colds, rheumatism, etc. 180,900; Aug. 28.
Smuckler, K., doing business as French Mfg. Co., Los Angeles, Calif. Automobile and piano polish. 173,939; July 3.
Smyth, William J., doing business as De Luxe Hosiery Company, Chicago, Ill. Hosiery. 177,113; Nov. 13.
Snapo Food Products Company. (See Wood, Clara I.)
Snap-On Wrench Company, Milwaukee, Wis. Screw drivers. 180,776; July 31.
Snappee Co. (See Feinburg, David, Company.)
Snappy Sales Co., St. Louis, Mo. Supports for telephone cords, electric-iron cords, etc. 173,539; Apr. 3.
Snell & Atherton, Inc., Brockton, Mass. Nippers. 180,901; July 31.
Snow Cake Mfg. Co. (See Muscente, Fausto A.)
Snow Cloud Ammonia Company, Boston, Mass. Ammonia. 175,683; June 26.
Snow, Jack D., New York, N. Y. Stylographic pens. 168,005; Feb. 20.
Snow, Livingston, doing business as Livingston Snow Company, Quitman, Ga. Peanut butter. 177,877; July 24.
Snow & Palmer Co., Bloomington, Ill. Food mixture. 171,107; Sept. 25.
Snowdust Company, The, New York, N. Y. Washing compound. 168,075; Feb. 13.
Snowolene Holding Company, Los Angeles, Calif. Gasoline, kerosene, and motor fuel oils. 174,803; May 8.
Snowolene Holding Company, Los Angeles, Calif. Gasoline, kerosene, lubricating oils, petroleum distillate. 180,248; July 17.

Snowolene Holding Company, Los Angeles, Calif. Petroleum product used for cleansing purposes. 184,688; Oct. 16.

Snyder, Benjamin F., doing business as B. F. Snyder Co., San Francisco, Calif. Ladies', misses', and children's ready-to-wear, wash garments, etc. 170,957; Aug. 7.

Snyder, Harry, doing business as Harry Snyder & Company, Chicago, Ill. Live and dressed poultry, butter, eggs. 159,625; Sept. 18.

Snyderize Co., The, Hanford, Calif. Preparation for preserving, softening, and waterproofing leathers. 185,318; Dec. 11.

Soap Manufacturing Company, Jacksonville, Fla. Soap. 156,026; Mar. 13.

Soc. An. Fsco. Cinzano & Cia, Turin, Italy. Wines. 180,246; Oct. 2.

Soc. An. Fsco. Cinzano & Cia, Turin, Italy. Absinthe, brandy, gin, rum, etc. 180,247; Oct. 2.

Soc. An. Fsco. Cinzano & Cia., Turin, Italy. Beverage sold as a soft drink. 183,044; Oct. 30.

Sociedad Anonima Financiera y Comercial Fuhrmann Limitada, Buenos Aires, Argentina. Wool. 178,633; June 19.

Societa Anonima Edoardo Bianchi, Milan, Italy. Automobiles. 168,907; Jan. 30.

Societa Italiana di Fonotipia, Milan, Italy. Talking machines and talking-machine records. 170,045; June 5.

Societe Anonyme "Crayons Conte," Regny and Paris, France. Crayons, crayon holders, pencils, penholders, etc. 182,938; Nov. 6.

Societe Anonyme de la Lessive Phenix, Etablissements J. Picot. (See Picot, Jules, assignor.)

Societe Anonyme Dentifrices Bi-Oxyne, Paris, France. Dentifrices and products used for the hygiene of the mouth. 181,705; Sept. 18.

Societe Anonyme des Anciens Etablissements Panhard & Levassor, Paris, France. Automobiles, automobile trucks, boats, etc. 184,305; Dec. 4.

Societe Anonyme des Anciens Etablissements Panhard & Levassor, Paris, France. Automobiles, automobile trucks, boats, etc. 184,307; Dec. 4.

Societe Anonyme des Chaussures F. Pinet, Paris, France. Leather boots and shoes. 181,706; Dec. 4.

Société Anonyme des Elevateurs de Liquides "Chaine-Helice" Bessonnet-Favre, Chatellerault, France. Conveyer chains for liquids. 180,305; Aug. 14.

Société Anonyme des Laboratoires Innoxa, Paris, France. Toilet powder, cold cream, eau de cologne, etc. 181,353; Aug. 14.

Societe Anonyme des Laboratoires Innoxa, Paris, France. Medicated soap. 181,354; Nov. 13.

Société Anonyme des Produits du Lion Noir, Montrouge, near Paris, France. Liquids, powders, and pastes for cleaning felt, fabrics, hats, etc. 118,614; Nov. 13.

Société Anonyme d'Ougrée Marihaye, Ougree, near Liege, Belgium. Hammered and rolled steel. 167,501; Dec. 18.

Société Anonyme d'Ougrée Marihaye, Ougree, near Liege, Belgium. Steel rails. 167,502; Dec. 18.

Societe Anonyme Fabriques de Produits de Chimie Organique de Laire, Issy, France. Teas and coffees and tea and coffee extracts and substitutes. 174,269; Aug. 14.

Societe Anonyme la Biotherapie, (Societe Anonyme de Produits Chimiques Biologiques et d'Hygiene), Paris, France. Dentifrices. 171,289; Mar. 27.

Societe Anonyme la Biotherapie, (Societe Anonyme de Produits Chimiques Biologiques et d'Hygiene), Paris, France. Antiseptic and prophylactic tablets for the remedy and prevention of disease. 171,290; Mar. 27.

Societe Anonyme Parfumerie Violet, Paris, France. Perfumes, toilet waters, face, talcum, and sachet powders, etc. 171,042; Feb. 20.

Societe Anonyme Parfumerie Violet, Paris, France. Perfumes, toilet waters, face, talcum, and sachet powders, etc. 178,144; July 17.

Societe Anonyme Parfumerie Violet, Paris, France. Perfumes, toilet waters, face powders, etc. 178,145; Dec. 18.

Societe Anonyme pour l'Expansion des Marques de Fabrique et de Commerce, Courbevoie, France. Preparation for syphilis, tabes, and general paralysis. 181,355; Sept. 18.

Societe Chimque de l'Escaut, Hemixem, Antwerp, Belgium. Gelatin and ossein. 163,005; Mar. 13.

Société des Peintures Economiques "Fixalo," Marseille, France. Water-color paints. 149,149; Jan. 9.

Societe des Produits Chimiques Coignet, Paris, France. Gelatine. 165,097; Feb. 6.

Société des Produits Chimiques de L'Isle Saint-Denis, Saint-Denis, Seine, France. Preparations for the treatment of tuberculosis. 166,579; Feb. 13.

Societe des Produits Chimiques Speciaux Brevets Lumiere, Lyon, France. Medicine used as a calmant in antispasmodic. 171,821; Mar. 20.

Societe en Commandite Maurice Frings & Cie, Paris, France. Cotton thread. 177,573; May 8.

Societe En Commandite Maurice Frings & Cie., Paris, France. Cotton thread. 182,384; Dec. 4.

Societe Francaise des Produits de Beaute, Paris, France. Perfumes, toilet water, face powder, etc. 182,385; Oct. 16.

Societe Francaise de Recherches et Applications Scientifiques, Paris, France. Remedy for treatment of fainting fits, etc. 184,188; Dec. 18.

Societe Francaise de Recherches et Applications Scientifiques, Paris, France. Remedy for treatment of fainting diseases. 184,189; Dec. 18.

Societe Generale de Soie Artificielle par le Procede Viscose, Brussels, Belgium. Artificial-silk thread. 164,348; Aug. 21.

Societe Guerlain, Paris France. Perfumes. 183,765; Nov. 13.

Societe Guerlain, Paris, France. Perfumes. 183,767; Nov. 13.

Societe Guerlain, Paris, France. Perfumes. 183,769; Dec. 18.

Societe Guerlain, Paris, France. Perfumes. 183,770–1; Nov. 13.

Societe Guerlain, Paris, France. Lip sticks. 183,772; Nov. 13.

Societe Guerlain, Paris, France. Perfumes. 183,773–8; Nov. 13.

Société Marcel Bassot & Co., Paris, France. Nonferrous pipes for power water-inlet piping. 156,758; Jan. 16.

Société P. & A. Picard, Paris, France. Cremorne and espagnolette bolts, locks and bolts, steel mortise and rim locks, etc. 158,583; May 1.

Société P. and A. Picard, Paris, France. Knobs, handles, and finger plates for doors. 177,144; June 12.

Société Pour La Fabrication De La Soie "Rhodiaseta," Paris, France. Artificial-silk fabric. 173,540; Nov. 20.

Société Rödier, Paris, France. Piece goods of silk, cotton, and wool and mixtures. 180,504; July 10.

Societe Rodier, Paris, France. Piece goods of silk, cotton, and wool and mixtures of same. 180,505; Aug. 28.

Société Rodier, Paris, France. Piece goods of silk, cotton, and wool and mixtures. 180,506; July 10.

Societe Vinicole de Champagne, Paris, France. Champagne wine. 165,211; Aug. 14.

Societe Vinicole de Champagne, Paris, France. Champagne wines and other sparkling wines. 165,212; Jan. 30.

Societe Vinicole de Champagne, Paris, France. Champagne wine. 165,213; Aug. 28.

Societe Vinicole de Champagne, Paris, France. Champagne wine. 165,214; May 29.

Societe Vinicole de Champagne, Paris, France. Champagne wine. 165,215; Oct. 2.

Société Worth. (See Worth, Jean C.)

Société Worth, Paris, France. Perfumes. 182,070; Nov. 6.

Society Club Beverage Corporation, Newark, N. J. Beverages sold as soft drinks and sirups for making the same. 175,411; Apr. 17.

Society of Chemical Industry in Basle, Basel, Switzerland. Chemical and pharmaceutical preparation. 186,298; Dec. 18.

Society of Chemical Industry in Basle, Basel, Switzerland. Chemical and pharmaceutical preparation. 186,395; Dec. 18.

Softley, Edward W., Butte, Mont. Liquid polishing preparation for automobiles, pianos, etc. 186,969; Dec. 25.

Solax Drug Company Inc., Philadelphia, Pa. Vegetable laxative tablets. 180,455; Sept. 4.

Soldiers Bonus Products Co. (See Reynolds, James R.)

Solidified Naphtha Corporation, The, Chicago, Ill. Preparation for the same use to which soaps, cleaning fluids, washing powders, etc., are put. 182,273; Nov. 13.

Solomia (1922) Limited, London, England. Insecticide. 174,343; May 15.

Solomon Mfg. Co., St. Louis, Mo. Women's wearing apparel commonly known as knickerbockers. 167,333; Sept. 11.

Solomon Mfg. Co., St. Louis, Mo. Children's, misses', and women's wearing apparel. 167,663; Sept. 4.

Solomon Mfg. Co., St. Louis, Mo. Sport and outing dresses and suits. 178,006; Oct. 2.

Solomon Mfg. Co., St. Louis, Mo. Sport and outing dresses and suits. 180,946; Aug. 7.

Solomon, Morris, doing business as Federal Mercantile Company, New York, N. Y. Hosiery, underwear, and sweaters. 170,099; Mar. 20.

Solon Palmer, New York, N. Y. Perfume, toilet water, and complexion powder. 175,368; May 22.

Solvay Process Company, The, Solvay, N. Y. Sesquicarbonate of soda. 171,768; Feb. 20.

Solvine Chemical Company. (See Binkert, Damon A.)

Solvora, Inc., New York, N. Y. Liquid dentifrice and also liquid cream dentifrice. 183,805; Nov. 20.

Solvos Company, The. (See Shoninger, Sol H.)

Sommer & Runge, Berlin, Germany. Laboratory apparatus for investigating oils and fats, parts of such apparatus, consistency meters, etc. 157,336; June 26.

Sonnenschein, J., Hop Company, Inc., New York, N. Y. Hops. 173,148; July 17.

Sonnenschein, J., Hop Company, Inc., New York, N. Y. Hops. 173,149; Apr. 24.

Sophie Mae Candy Corporation, doing business as Sophie Mae, Atlanta, Ga. Candies. 164,085; Nov. 27.

Sopura Sap Products, Inc., The, New Rochelle, N. Y. Laundry and toilet soaps. 170,343; Jan. 30.

Sorrick-Caylor Company, The, Dalton, Ga. Bedspreads. 182,366; Sept. 4.

Alphabetical list of trade-mark applicants—Continued.

Sotham, Thomas F. B., St. Clair, Mich. Mincemeat. 172,126; Apr. 10.
South Bend Spark Arrester Co., The, South Bend, Ind. Spark arresters. 167,900; Aug. 14.
South Bend Wholesale Grocery Company, South Bend, Ind. Canned corn, peas, beans, succotash, etc. 175,814; June 19.
South Chicago Wholesale Grocery and Produce Company, Inc., South Chicago, Ill. Canned fruits, vegetables, and fish. 181,784; Oct. 9.
South-Eastern Medicine Co. (See Stowe, I. N., M. D.)
South Georgia Produce Company, Vidalia, Ga. Self-rising flour. 171,966–7; Mar. 20.
South Jersey Farmers Exchange, Woodstown, N. J. Potatoes and dairy feeds. 162,960; Jan. 2.
South Norwalk Evening Sentinel. (See Calkins, A. Genevieve.)
South Side Cafe. (See Ryerson, Mell.)
Southard, Thos., Poultry Supply Co., Kansas City, Mo. Remedy for colds, roup, canker, cholera, etc., diseases in poultry. 167,337; Apr. 10.
Southern Beverage Company, Galveston, Tex. Flavoring extract for food purposes only. 163,949; Mar. 6.
Southern California Cosmetic Mfg. Co. (See Cromwell, Robert H.)
Southern California Dry Goods Company, Gloversville, N. Y. Men's dress, negligee, and work shirts, nightshirts and pyjamas, hosiery, etc. 178,634; Aug. 7.
Southern Can Company, Baltimore, Md. Cans made of tin for containing food products, etc. 178,477; May 29.
Southern Clothing Company Inc., Petersburg, Va. Men's outer clothing consisting of suits and overcoats. 167,026; Jan. 9.
Southern Coal & Coke Co., The, Cincinnati, Ohio. Coal. 169,653–4; Jan. 9.
Southern Coal & Coke Co., The, Cincinnati, Ohio. Coal. 169,655; Feb. 13.
Southern Commercial Company, doing business as Parks-Belt Company, Durham, N. C. Hair nets. 178,364; May 29.
Southern Confection Co. (See Bechtol, Archie H.)
Southern Cotton Oil Company, The, Jersey City and Bayonne, N. J.; New York, N. Y.; Gretna, La.; Savannah, Ga.; and Chicago, Ill. Lard substitute and shortening. 158,062; Mar. 20.
Southern Cotton Oil Company, The, Jersey City, N. J.; New York, N. Y.; New Orleans, La.; Savanah, Ga., and Chicago, Ill. Shortening or fat. 162,215; Jan. 30.
Southern Cotton Oil Company, Jersey City and Bayonne, N. J.; New York, N. Y.; Gretna, La., and Savannah, Ga. Prepared fatty oleaginous or unctuous food substances. 165,605; Feb. 27.
Southern Feed Co. (See Owen, Percy W.)
Southern Gem Coal Corporation, Chicago, Ill. Coal molded and pressed into briquettes. 167,832; Feb. 20.
Southern Illinois Milling Company, Murphysboro, Ill. Wheat flour. 183,779; Dec. 25.
Southern Laboratories, Inc., Atlanta, Ga. Liquid tonic. 172,064; Mar. 27.
Southern Saw Works, Atlanta, Ga. Saws. 159,538; May 1.
Southern Specialty Company, Thomasville, Ga. Insecticide. 178,292–3; July 10.
Southern Specialty Company, Thomasville, Ga. Insecticide. 180,902; Aug. 14.
Southern Spring Bed Company, Atlanta, Ga. Spring beds, mattresses, cots, and metal bedsteads. 173,859; Apr. 24.
Southern Sweet Potato Exchange. (See Brownlee, Joseph P.)
Southern Yarn Exchange, Baltimore, Md. Art needlework. 181,150; Nov. 13.
Southern Yarn Exchange, Baltimore, Md. Art needlework. 181,151; Dec. 4.
Southern Yarn Exchange, Baltimore, Md. Art needlework. 181,152; Nov. 13.
Southern Yarn Exchange, Baltimore, Md. Art needlework. 181,153; Nov. 20.
Southwark Beverage & Products Co. (See Graf, William.)
Southwest Georgia Watermelon Growers' Association, Adel, Ga. Watermelons in their natural state. 164,673; Jan. 9.
Southwestern Milling Company, Inc., The, New York, N. Y. Wheat flour. 174,597; July 31.
Southwestern Milling Company Inc., The, New York, N. Y. Wheat flour. 181,458–63; Sept. 25.
Southwestern Milling Company Inc., The, New York, N. Y. Wheat flour. 185,384; Dec. 25.
Sowers and Gough, Hartford City, Ind. Salve for acute colds, bronchitis, influenza, etc. 158,839; Nov. 13.
Spa Knitting Co. Inc., Ballston Spa, N. Y. Sport goods. 180,816; Aug. 7.
Spake, John P., doing business as The Hair-O Laboratories Co., Atlanta, Ga. Preparation for treating scalp diseases and stimulating the growth of hair. 167,585; Jan. 9.
Spalding, A. G., & Bros., New York, N. Y. Tennis-racket strings. 173,541; Mar. 20.
Spalding, A. G., & Bros., New York, N. Y. Golf clubs. 184,527; Nov. 13.
Spangenberg & Co., Chicago, Ill. Eggs. 168,494; July 31.
Spangler Candy Co., Bryan, Ohio. Candy. 175,815; June 26.
Sparks Milling Company, Terre Haute, Ind. Wheat flour. 185,385; Dec. 25.
Sparrius, Hendrik, doing business as Zenith Golf Ball Works, New York, N. Y. Golf balls. 174,534; May 1.
Sparrius, Hendrick, doing business as Zenith Golf Ball Works, New York, N. Y. Golf balls. 174,537; May 1.
Spaulding-Moss Company, Boston, Mass. Drawing instruments and accessories, surveyors' instruments. 175,890; Sept. 18.
Spayde, Harry E., and Edward B. Raup, Sunbury, Pa. Medicine for disorders of the digestive tract. 176,923; Oct. 9.
Spear & Susskind, Providence, R. I. Vest chains, lapel or coat chains, key chains, bracelet chains, etc. 175,818; May 29.
Spears & Riddle Co., Wheeling, W. Va. Gasoline and lubricating oils. 174,756; Sept. 4.
Special Paper Mfg. Co., New York, N. Y. Prepared tracing paper. 186,029; Dec. 25.
Special Paper Mfg. Co., New York, N. Y. Prepared tracing paper. 186,030–1; Nov. 13.
Special Products Laboratory, Inc., O'Fallon, Ill. Ointment for treatment of burns and denudations of skin. 140,850; May 29.
Specialists Supply Company. (See Barton, Charles.)
Specialty Manufacturing Company. (See Anzell, Alexander A.)
Specialty Soda Water Bottling Company. Garfield, N. J. Beverage sold as a soft drink. 170,499; Mar. 13.
Spector & Son Piano Co. Inc., The, New York, N. Y. Grand and upright pianos, player and electrically-operated pianos. 170,602; Feb. 6.
Spectro-Electronic Foundation, New York, N. Y. Electronic therapeutic apparatus for the treatment of various diseases. 187,069; Dec. 25.
Speidel, Fr., Pforzheim, Germany, and Providence, R. I. Chains, fobs, pendants, bracelets, etc. 167,494; Jan. 2.
Speidel, Fr., Pforzheim, Germany, and Providence, R. I. Chains, fobs, pendants, bracelets, brooches, etc. 177,703; Aug. 7.
Speidel, Fr., Pforzheim, Germany, and Providence, R. I. Chains, fobs, pendants, bracelets, etc. 179,285; Aug. 7.
Speidel, Immanuel G., doing business as The Sterobrus Co., Buffalo, N. Y. Toothbrush holder. 178,679; Oct. 30.
Spencer, George, Moulton & Co. Ltd., Westminster, London, England. Rubber tires and inner tubes. 151,299; Apr. 24.
Spencer, George C., doing business as Spencer Perfume Company, South Bend, Ind. Face powders and creams, perfumes, etc. 180,989; Aug. 21.
Spencer, Lane H., New York, N. Y. Metal tankards and trays of base metal. 158,456; Jan. 30.
Spencer, S. M., Mfg. Co. (See Beckert, Richard E.)
Sperber, Samuel N., doing business as Evertasty Confection Co., Albany, N. Y. Confection comprising fruits, nuts, pop corn, and a suitable binder. 159,533; Sept. 4.
Sperekas, John, Cincinnati, Ohio. Confection. 160,514; Nov. 13.
Sperlich and Uhlig Company, Detroit, Mich. Mangles. 170,222; Apr. 24.
Sperry Flour Co., San Francisco, Calif. Wheat flour. 163,294; Jan. 30.
Spic Company, The. (See Smith, Arthur G.)
Spicky Polish Corporation, San Francisco, Calif. Aluminum and metal polish. 174,539; Mar. 20.
Spiegle, Geo. M., & Co., Philadelphia, Pa. Lumber of all kinds. 172,018; May 1.
Spinelli, Nick F., New York, N. Y. Fruit ice cream. 183,170; Dec. 11.
Spinks & McIlwain, also doing business as Nu-Life Medicine Company, Selma, Ala. Liver, kidney, and stomach medicine. 168,736; May 8.
Spinks, William A., & Company, Chicago, Ill. Billiard cushions. 184,874; Nov. 6.
Spitan Battery Fluid Corporation. Tuckahoe and New York, N. Y. Fluid for use in electric storage batteries. 169,608; Feb. 13.
Spitz, Samuel, & Sons, Inc., Chicago, Ill. Men's and boys' overcoats, suits, coats, and pants. 157,695; Mar. 20.
Spoehr's, Chicago, Ill. Candy. 139,134; June 19.
Spokane Bakery Co., Spokane, Wash. Ice cream. 177,054; Aug. 14.
Spokane Valley Growers Union, Opportunity, Wash. Fresh apples. 165,723; Jan. 30.
Spokane Wyoming Petroleum Company, Lander, Wyo. Gasoline, naphtha, benzene, kerosene, etc. 165,570; Nov. 27.
Spongette Pure Food Company, Wilmington, Del., and Pittsburgh, Pa. Bran biscuits. 166,909; Mar. 27.
Spongette Pure Food Company, Inc., Pittsburgh, Pa. Confectionery. 178,478; Dec. 18.
Sportmox Company, The, Boston, Mass. Sport footwear. 177,413; Aug. 7.
Sportsman's Digest. (See Rosenthal, Edward S.)
Sprague & Carleton. (See Peart, Harold A.)
Sprague, Eugene A., doing business as Sprague Manufacturing Co., San Francisco, Calif. Soap compounds. 174,641; Apr. 24.
Sprague Roller Mills, Sprague, Wash. Self-rising flour. 170,734; July 24.

Spratt's Patent Limited, London, England. Milk food in powder form for dogs and cats. 153,858; June 5.
Spring, C. G., Company, The, Kalamazoo, Mich. Bumpers. 177,072; June 12.
Springbrook Canning Company, Springbrook, Oreg. Canned fruits and berries. 185,055; Dec. 18.
Springfield Seed Company, Springfield, Mo. Agricultural and grass seeds. 176,431; June 12.
Spurgeon, Mathias O., doing business as Wineberg Pure Beverage Company, Centralia, Wash. Fruit beverage for soft drinks and sirup for preparation of same. 172,909; Feb. 20.
Spurgin Manufacturing Company, Chicago, Ill. Currency, straps of $500 denominations. 177,575; May 29.
Spurgin Manufacturing Company, Chicago, Ill. Currency straps. 183,601–6; Sept. 11.
Spurgin Manufacturing Company, Chicago, Ill. Currency straps. 183,607; Sept. 11.
Spurgin Manufacturing Company, Chicago, Ill. Currency straps. 183,608; Sept. 11.
Spyroseal Manufacturing Company, St. Louis, Mo. Piston rings. 143,017; Sept. 4.
Square Baking Company, The, Cleveland, Ohio. Bread. 179,233; Sept. 18.
Square Deal Market. (See Pisner, Chas.)
Square Dipper Specialty Company, Pittsburgh, Pa. Ice-cream confections. 171,474; Mar. 27.
Squibb, E. R., & Sons, New York, N. Y. Alteratives, analgesics, anaphrodisiacs, anesthetics, anodines, antacids, etc. 168,435; Feb. 27.
Squibb, E. R., & Sons, New York, N. Y. Cold cream. 180,630; Aug. 7.
Squire and Co. Birmingham Limited, Stirchley, Birmingham, England. Cough mixture for human use. 172,776; Apr. 17.
Sta-Bak Makers. (See Trigg, Wade H.)
Stabler, Louis A., doing business as The Lasco Company, Ltd., Baltimore, Md. Oil paint, linseed oil, floor wax, etc. 154,287; Apr. 3.
Stack Heater Company, Boston, Mass. Direct and indirect water heaters, instantaneous water heaters, etc. 155,277; July 24.
Stadeker, Gilbert I., doing business as Stadeker Mfg. Co., Chicago, Ill. Hydrometers. 181,423; Aug. 28.
Stafford, George A., doing business as G. A. Stafford & Company, New York, N. Y. Woven cotton fabrics in the piece. 124,422; Aug. 14.
Stafford, George A., doing business as G. A. Stafford & Co., New York, N. Y. Woven cotton fabrics in the piece. 135,736; June 5.
Stafford, George A., doing business as G. A. Stafford & Co., New York, N. Y. Woven cotton fabrics in the piece. 135,737; July 17.
Stafford, George A., doing business as G. A. Stafford & Co., New York, N. Y. Woven cotton fabrics in the piece. 176,103; May 8.
Staggs, Willie L., doing business as Staggs' Specialty Company, Brookline, Mass. Polish for stoves and nickel, etc. 182,319; Oct. 30.
Stahel, Edward P., & Co., New York, N. Y. Rubber tissue for reenforcing, stiffening, and waterproofing parts of garments, etc. 174,676; Apr. 10.
Stahlbehl, Nathan, New York, N. Y. Liquid liniment for the treatment of rheumatism, colds, neuritis, etc. 168,382; Jan. 2.
Stain-Off Company. (See Foote, J. Harvey.)
Staley, A. E. Manufacturing Company, Decatur, Ill. Sugar. 170,796–8; Mar. 13.
Staley, A. E., Manufacturing Company, Decatur, Ill. Corn sugar. 179,687; Dec. 11.
Stambaugh & Rabe, Akron, Ohio, and Auburndale, Fla. Citrous fruits in their natural state. 157,637; Aug. 7.
Stamford Drug Company. (See Osman, Barnet.)
Stamper & Kaiser, New York, N. Y. Hosiery. 177,630; July 10.
Stampher, Lillian R., Dover, N. J. Bonnets, hats, and caps. 166,750; Jan. 9.
Stanard, O. L., Dry Goods Co., Huntington, W. Va. Knitted and nainsook underwear and cotton and wool sweaters. 178,412; Aug. 28.
Stanard, O. L., Dry Goods Co., Huntington, W. Va. Hair nets. 179,491; July 10.
Standard Asphalt & Refining Company, Jersey City, N. J., and Chicago, Ill. Pipe coating, acidproof tank lining, expansion joint, refrigerator compound. 131,987; Sept. 4.
Standard Baking Company, San Francisco, Calif. Cocoanut macaroon strip. 165,420; Jan. 30.
Standard Biscuit Company, Des Moines, Iowa. Crackers. 165,894; Jan. 30.
Standard Candy Company, Nashville, Tenn. Candy. 179,492; Sept. 11.
Standard Carbon Company, Monroe, La. Carbon black. 181,917; Oct. 23.
Standard Carrier Company, The, New York, N. Y. Pneumatic-tube carrier systems and parts thereof. 143,711; Mar. 13.
Standard Corporation, The, Chicago, Ill. Printed publication. 185,057; Nov. 6.
Standard Crayon Manufacturing Company, Danvers, Mass. Medicinal preparation for inflammatory, congested, and painful conditions where local treatment is indicated. 175,627; June 26.
Standard Crystal Company. (See Reese, Edward.)
Standard Drug Company, Los Angeles, Calif. Preparation used in the treatment of kidney and bladder diseases, etc. 176,289; June 19.
Standard Drug Company, Los Angeles, Calif. Preparation used in the treatment of general debility, lost vitality, etc. 176,290; June 19.
Standard Engineering Lubricating Co. (See Edwards, Perc.)
Standard Export Company. (See Fernandez, Philip.)
Standard Felt Company, West Alhambra, Calif. Rugs, carpets, floor and door mats, etc. 159,627; Nov. 13.
Standard Growers' Exchange, Orlando, Fla. Fresh fruits and vegetables. 169,334; Nov. 13.
Standard Homeopathic Company. (See Hyland, George H.)
Standard Ink Mfg. Co., Minneapolis, Minn. Concentrated writing ink. 181,871; Nov. 20.
Standard Knitting Mills, Koxville, Tenn. Knitted fabric underwear for men and boys. 167,056–8; Jan. 9.
Standard Knitting Mills, The, Los Angeles, Calif. Knitted sweaters, bathing suits, scarfs, caps, etc. 181,424; Sept. 18.
Standard Laboratories, Inc., Los Angeles, Calif. Pomades for the hair. 175,222; Mar. 13.
Standard Lime & Stone Co., The, Martinsburg, W. Va. and Baltimore, Md. Poultry food. 160,305; Feb. 6.
Standard Manufacturing Company, Erie, Pa. Trousers. 154,335; May 22.
Standard Match Co. Limited, The, Hempsted, England. Matches. 171,045; Feb. 20.
Standard Medical Society, Inc., The, Baltimore, Md. Tablets for colds, coughs, la grippe, headache, and neuralgia. 166,326; Mar. 20.
Standard Medical Society, Inc., The, Baltimore, Md. Tablets for colds, coughs, la grippe, headache, and neuralgia. 166,326; June 26.
Standard Mfg. Co. (See Lowenthal, Henry.)
Standard Motor Company Limited, The, Coventry, England. Motor vehicles. 165,835; Jan. 2.
Standard Motor Parts Company, Chicago, Ill. Lining for automobile transmissions. 175,413; Apr. 24.
Standard Motor Products Co., Long Island City, N. Y. Piston rings. 161,586; Jan. 23.
Standard Nut Margarine Co., Indianapolis, Ind. Oleomargarine. 161,649; Dec. 11.
Standard Oil Company (Incorporated in New Jersey), Bayonne, N. J. Permanent foam for protection and preventing evaporation of volatile liquids. 164,201; Jan. 2.
Standard Oil Company, (Incorporated in New Jersey), Bayonne, N. J. White mineral oil for treating fruit. 170,409; Mar. 27.
Standard Oil Company, Incorporated in New Jersey, Bayonne, N. J. White mineral oil. 170,410; Feb. 13.
Standard Oil Company (Incorporated in New Jersey), Bayonne, N. J. Mineral oil. 170,411; Feb. 20.
Standard Oil Company (Incorporated in New Jersey), Bayonne, N. J. Lubricating oils particularly for household use. 171,711; Jan. 23.
Standard Oil Company (Incorporated in New Jersey), Bayonne, N. J. Paraffin. 172,127; Jan. 9.
Standard Oil Company (Incorporated in New Jersey), Bayonne, N. J. Prepared chemical liquid for protection and prevention of evaporation of volatile liquids. 172,910; Mar. 13.
Standard Oil Company (Incorporated in New Jersey), Bayonne, N. J. Transformer oil. 175,747; June 26.
Standard Oil Company (Incorporated in New Jersey), Bayonne, N. J. Lubricating oils. 182,386; Sept. 4.
Standard Oil Company (New Jersey), Bayonne, N. J. Oils and greases. 181,659–60; Sept. 11.
Standard Oil Company (New Jersey), Bayonne, N. J. Lubricating oils. 181,661; Aug. 28.
Standard Oil Company (New Jersey), Bayonne, N. J. Insecticide. 181,872; Nov. 27.
Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 159,816; Jan. 9.
Standard Oil Company of New York, New York, N. Y. Lubricating grease. 162,517; Feb. 13.
Standard Oil Company of New York, New York, N. Y. Stoves and heaters, oil-burning lamps, lanterns, lamp burners, etc. 166,207; Jan. 30.
Standard Oil Company of New York, New York, N. Y. Petroleum products—namely, gasoline and naphtha. 169,934; May 15.
Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum for illuminating, heating, etc. 171,291; Feb. 13.
Standard Oil Company of New York, New York, N. Y. Petroleum oil. 172,242; July 17.
Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 174,931; Mar. 20.
Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 174,933; Nov. 20.
Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 174,934; Mar. 20.
Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 174,935; Mar. 13.
Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 174,936–7; Mar. 20.

Alphabetical list of trade-mark applicants—Continued.

Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 174,939–40; Mar. 20.
Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 174,941; Mar. 13.
Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 175,959–60; Apr. 3.
Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 175,965; Apr. 3.
Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 175,968; Apr. 3.
Standard Oil Company of New York, New York, N. Y. Lubricating oils. 175,969; Nov. 6.
Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 176,506; Apr. 10.
Standard Oil Company of New York, New York, N. Y. Floor oilers, yarn mops, dust cloths, etc. 177,576; June 19.
Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 177,879; May 8.
Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 177,881; May 8.
Standard Oil Company of New York, New York, N. Y. Petroleum jelly. 178,146; July 10.
Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 178,147; May 8.
Standard Oil Company of New York, New York, N. Y. Edible oils. 182,487; Oct. 30.
Standard Oil Company of New York, New York, N. Y. Candles. 183,045; Oct. 16.
Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 183,893; Oct. 16.
Standard Oil Company of New York, New York, N. Y. Edible oils. 185,321; Dec. 25.
Standard Oil Company, San Francisco, Calif. Harness and sole-leather oils. 167,833-4; June 5.
Standard Oil Company, San Francisco, Calif. Lubricating oils. 175,223; Mar. 27.
Standard Oil Company, Whiting, Ind., and Chicago, Ill. Candles. 165,826; Oct. 16.
Standard Oil Company, Whiting, Ind., and Chicago, Ill. Candles. 165,828; Oct. 16.
Standard Oil Company, Whiting, Ind., and Chicago, Ill. Candles. 165,830; Oct. 16.
Standard Oil Company, Whiting, Ind., and Chicago, Ill. Candles. 165,831–3; Oct. 23.
Standard Oil Company, Whiting, Ind., and Chicago, Ill. Candles. 165,834; Oct. 16.
Standard Oil Company, Whiting, Ind., and Chicago, Ill. Petroleum jelly. 171,662; Oct. 16.
Standard Oil Company, Whiting, Ind. and Chicago, Ill. Asphalt and paving filler. 171,663; Mar. 27.
Standard Oil Company, Whiting, Ind., and Chicago, Ill. Gasoline candles, liquid paraffin, lubricating oils and greases. 171,664; Feb. 13.
Standard Oil Company, Whiting, Ind., and Chicago, Ill. Wool oil used for cleansing or washing the wool after it is sheared from the sheep. 171,665; Mar. 13.
Standard Oil Company, Whiting, Ind., and Chicago, Ill. Lubricating oils and greases. 171,666; Jan. 2.
Standard Oil Company, Whiting, Ind., and Chicago, Ill. Lubricating oils and greases. 171,668; Jan. 2.
Standard Oil Company, Whiting, Ind., and Chicago, Ill. Candles. 171,744; Dec. 4.
Standard Oil Company, Whiting, Ind., and Chicago, Ill. Lubricating oils and greases. 171,876; Jan. 30.
Standard Oil Company, Whiting, Ind., and Chicago, Ill. Gasoline. 172,691; Apr. 3.
Standard Oil Company, Whiting, Ind., and Chicago, Ill. Petrolatum. 175,414; May 15.
Standard Oil Company, Whiting, Ind., and Chicago, Ill. Medicinal mineral oils. 180,033; July 31.
Standard Oil Company, Whiting, Ind., and Chicago, Ill. Liquid petrolatum. 180,249; June 19.
Standard Oil Company, Whiting, Ind., and Chicago, Ill. Cylinder oil. 184,309; Oct. 23.
Standard Oil Company, Whiting, Ind., and Chicago, Ill. Candles. 186,203; Nov. 27.
Standard Oil Company, Whiting, Ind., and Chicago, Ill. Candles. 186,726; Nov. 27.
Standard Oil Company, Whiting, Ind., and Chicago, Ill. Candles. 186,936; Nov. 27.
Standard Oiled Clothing Co., New York, N. Y. Raincoats and rain articles, etc. 173,733; June 26.
Standard Optical Co., The, Geneva, N. Y. Spectacles and eyeglass rims. 139,433; Feb. 13.
Standard Paint Manufacturing Co. (See Combs, Guy A.)
Standard Paper Company, Kalamazoo, Mich. Paper cartons. 176,659; Apr. 10.
Standard Paper Manufacturing Co., Richmond, Va. Blotters. 161,283; Apr. 3.
Standard Paper Manufacturing Co., Richmond, Va. Blotting paper. 174,703–4; Apr. 17.
Standard Parts Company, The, Cleveland, Ohio. Vehicle springs. 161,066; June 12.
Standard Purveyors, Inc., New York, N. Y. Canned peas, tomato purée, apples, etc. 174,344; May 8.
Standard Ring Co., Inc., Boston, Mass. Finger rings. 167,540; May 8.
Standard Slide Corporation, New York, N. Y. Automatic changeable sign-display machines, etc. 186,032; Dec. 11.
Standard Syrup Company, St. Louis, Mo. Fruit preserves, honey and mincemeat. 177,631; July 3.
Standard Tent & Awning Company, The, doing business as The Standard Garment Company, Toledo, Ohio. Working pants, overalls, jumpers, etc. 174,943; July 10.
Standard Textile Products Company, The, Youngstown, Ohio, and New York, N. Y. Oilcloth. 181,500; Aug. 14.
Standard Ultramarine Co., The, Huntington, W. Va. Ultramarine blue. 170,905; Apr. 10.
Standard Ultramarine Co., The, Huntington, W. Va. Ultramarine blue. 170,906–7; Mar. 20.
Standard Ultramarine Co., The, Huntington, W. Va. Laundry blue. 176,699; June 19.
Standard Vibrating Churn Company, Chicago, Ill. Butter churns. 168,176; Jan. 23.
Stanisits, Vilma, Rockville Center, N. Y. Preserved meats. 178,148; Dec. 11.
Stanley Chemical Company, The, East Berlin, Conn. Dry, paste, and ready-mixed industrial and house paints, varnishes, japans, and paint enamels. 162,514; Jan. 9.
Stanley Drug Company. (See Goldblum, Theodore.)
Stanley Glidden Co., Inc., Boston, Mass. Rubber tires, tubes, patches, hose, etc. 121,766; Apr. 10.
Stanley Works, The, New Britain, Conn. Hammers. 167,491; Feb. 27.
Stanley Works, The, New Britain, Conn. Vises, bit braces, planes, nail sets, hammers, etc. 172,065; Feb. 20.
Stanley Works, The, New Britain, Conn. Levels. 172,296; Aug. 28.
Stanley Works, The, New Britain, Conn. Levels. 172,297; Aug. 21.
Stanley Works, The, New Britain, Conn. Vises, bit braces, planes, nail sets, hammers, etc. 172,562; Feb. 20.
Stanley Works, The, New Britain, Conn. Hinges, bolts, latches, handles for doors, etc. 172,563; Mar. 6.
Stanley Works, The, New Britain, Conn. Rules, levels, squares, marking gauges, and bevels. 172,564; Mar. 6.
Stanley Works, The, New Britain, Conn. Rules, levels, squares, marking gauges, and bevels. 172,692; Mar. 6.
Stanley Works, The, New Britain, Conn. Hinges, bolts for securing doors, windows, etc., latches, handles for doors, etc. 172,693; Mar. 6.
Stanley Works, The, New Britain, Conn. Vises, bit braces, breast drills, planes, and parts thereof, etc. 179,432; Oct. 2.
Stanley Works, The, New Britain, Conn. Rules, yardsticks, bevels, etc. 179,433; Aug. 14.
Stanley Works, The, New Britain, Conn. Rules, yardsticks, bevels etc. 179,435; Aug. 14.
Stanley Works, The, New Britain, Conn. Butts, hinges, hasps, latches, etc. 182,619; Oct. 16.
Stanley Works, The, New Britain, Conn. Hinges. 184,218–20; Oct. 16.
Stanley Works, The, New Britain, Conn. Hinges. 184,690–2; Dec. 4.
Stansbury, A. R., Inc., Norfolk, Va. Roofing paper. 172,128; Mar. 27.
Stanton, A. P., Medical Co., West Hoboken, N. J. Laxative and tonic for stomach troubles, constipation, etc. 166,859; Jan. 1.
Stanton, Clyde B., Walla Walla, Wash. Carryall or bag. 163,295; Mar. 20.
Stapleton, John T., and John T. Stapleton, Shoals, Ind. Medicine for the treatment of diphtheria and membranous croup. 173,905; May 8.
Sta-Put Mfg. Company. (See House, Howard G.)
Star Bakery Co., Hastings, Mich. Bread. 162,513; Jan. 23.
Star Beverage Co., Belleville, Ill. Nonalcoholic, noncereal, maltless ginger-flavored beverages sold as soft drinks. 120,072; Feb. 13.
Star Can Opener Company, San Francisco, Calif. Can openers. 180,307; July 17.
Star Chick Hatchery, Washington Township, Osage County, and Westphalia, Mo. Baby chicks and eggs. 176,508; Dec. 11.
Star & Crescent Milling Co., Minneapolis, Minn. Semolina. 180,308; Sept. 25.
Star Electric Motor Co., Newark, N. J. Electric motors, generators, and fans. 152,036–7; July 24.
Star Expansion Bolt Company, New York, N. Y. Stamped metal products. 152,729; Feb. 27.
Star Expansion Bolt Company, New York, N. Y. Expansion shields. 172,448; Mar. 20.
Star Fish & Oyster Co., The, Mobile, Ala. Sea food. 174,156; July 3.
Star Milling Company, Minneapolis, Minn. Wheat flour. 164,726; Jan. 30.
Star Motors Incorporated, New York, N. Y. Automobile and constructive parts thereof. 171,340; May 8.
Star-Peerless Wall Paper Mills, Joliet, Ill. Ready-mixed paints, varnishes, stains, and paint enamels. 178,939; Aug. 28.
Star Rubber Company, The, Akron, Ohio. Elastic vehicle tires and inner tubes for pneumatic tires. 164,559; June 12.
Star Textile Mills, Inc., Philadelphia, Pa. Wool, worsted, silk, and linen piece goods and wearing apparel. 169,935; May 15.

Alphabetical list of trade-mark applicants—Continued.

Star Wood Products Company, Louisville, Ky. Sidings or weatherboardings, baseboards, window casings, and moldings. 158,493; Feb. 20.
Starr, Ana D., doing business as Starr Specialty Co., Tower City, N. Dak. Radiator cement. 171,044; Feb. 20.
Starr, Daniel, doing business as Starr Knitting Mill, Brooklyn, N. Y. Knit sweaters. 169,141; May 29.
Starr Fruit Products Co., Portland, Oreg. Canned fruits and vegetables. 164,973–4; Feb. 6.
Starr Fruit Products Co., Portland, Oreg. Canned fruits and berries. 187,356; Dec. 18.
Starr Piano Company, The, Richmond, Ind. Player-pianos, phonographs, and records. 135,764; Aug. 7.
Starrett, L. S., Company, The, Athol, Mass. Bevels, calipers, dividers, center testers, etc. 185,152; Dec. 25.
Starrett, L. S., Company, The, Athol, Mass. Brad sets, center punches, clamps, etc. 185,153; Dec. 25.
Starry, Young & Way, Exeter, Calif. Fresh grapes. 185,724; Nov. 20.
Starry, Young & Way, Exeter, Calif. Fresh grapes. 185,725; Nov. 13.
State Line Milling Co., Kiowa, Kans. Wheat flour. 179,170; Sept. 11.
Stauffer Chemical Company, San Francisco, Calif. Chemical fungicide. 175,820; May 29.
Stauffer, D. F., Biscuit Co. Inc., York, Pa. Pretzels. 180,903; Sept. 25.
Stavros, James E., West Orange, N. J. Ointment for rheumatism. 169,936; May 1.
Stavros, James E., West Orange, N. J. Medicine for dissolving gallstones. 185,322; Dec. 11.
Staynew Filter Corporation, Rochester, N. Y. Air-filters. 169,690; Feb. 20.
Stayshyn Co. (See Wilmot, Julius C.)
Steam Power Publishing Corporation, Chicago, Ill. Monthly magazine. 160,725; May 22.
Stearns-Eddy Co., Portland, Oreg. Haarlem-oil capsules for kidney, liver, bladder, rheumatism, and uric-acid trouble. 169,335; Feb. 20.
Stearns-Eddy Co., Portland, Oreg. Preparation for the relief of piles. 169,336; Feb. 20.
Stearns, F. U., & Company, New York, N. Y. Cotton piece goods. 181,963; Aug. 28.
Stearns & Foster Company, The, Lockland, Ohio. Mattresses. 160,094; May 8.
Stearns & Foster Company, The, Lockland, Ohio. Mattresses. 186,254; Dec. 18.
Stebbins, E., Manufacturing Company, Springfield, Mass. Quick-compression bibs. 174,271; Apr. 3.
Steckler, Nathan P., doing business as Menstruol Laboratories, New York, N. Y. Medicinal capsule for the treatment of female disorders. 182,682; Dec. 4.
Steel Products Company, The, Cleveland, Ohio. Poppet valves for internal-combustion engines and tools and parts thereof. 178,069–70; July 3.
Steelcraft Corporation of America, Cleveland, Ohio. Locks and safes. 179,889; Sept. 25.
Steelcraft Corporation of America, Cleveland, Ohio. Safes. 179,890; July 10.
Steelcraft Engineering Company, Marion, Ind. Dies, jigs, special machinery, etc. 179,833; Aug. 21.
Steele, Jesse A., doing business as Steel Bros., Oakland, Calif. Artificially-prepared mineral water. 176,292; July 3.
Steele-Wedeles Company, Chicago, Ill. Canned and dried fruits and vegetables, canned fish, salted fish, canned meats, etc. 159,889; Mar. 20.
Steenburg Fur Company, The. (See Marshall, Robert S.)
Steeves, Elizabeth, doing business as The Elizabeth Candy Shops, Waltham, Mass. Candied and salted nuts. 163,716; Jan. 9.
Steger & Sons Piano Manufacturing Company, Chicago, Ill. Pianos and player pianos. 148,678; Jan. 2.
Stehli Silks Corporation, New York, N. Y. Broad silks in the piece and silk and cotton piece goods. 168,383; June 12.
Stehli Silks Corporation, New York, N. Y. Broad silks in the piece. 169,789; Jan. 30.
Steiger, Ernest, New York, N. Y. Kindergarten material. 154,769; Apr. 10.
Stein, A., & Company, Chicago, Ill. Dress shields. 165,095; Feb. 27.
Stein, A., & Company, Chicago, Ill. Undergarments of textile fabric. 165,218; Jan. 30.
Stein A., & Company, Chicago, Ill. Arm bands. 171,475; Mar. 20.
Stein, A., & Company, Chicago, Ill. Suspenders. 172,129; Mar. 20.
Stein, A., & Company, Chicago, Ill. Arm bands and suspenders. 179,118; Sept. 4.
Stein, A., & Company, Chicago, Ill. Sanitary aprons and belts. 183,002; Sept. 18.
Stein, A., & Company, Chicago, Ill. Household apron and girdle supporters. 183,003; Sept. 11.
Stein, A., & Company, Chicago, Ill. Dress shields, elastic webbing, shirred elastic ribbon. 183,004; Oct. 2.
Stein, A., & Company, Chicago, Ill. Rubber sheeting. 183,005; Sept. 4.
Stein & Ellbogen Company, Chicago, Ill. Watches. 150,779; Aug. 21.
Stein, Louis, doing business as Stein Bros. & Co., Chicago, Ill. Cardcases, pocketbooks, portfolios. 173,448; Mar. 27.
Stein, S., & Co., New York, N. Y. Woolen cloths in the piece intended for suiting, etc. 164,459; Jan. 30.
Stein S., & Co., New York, N. Y. Woolen clothes in the piece for suitings, etc. 164,462; June 12.
Stein, S., & Co., New York, N. Y. Woolen cloths in the piece intended for suitings, etc. 166,479; Feb. 6.
Stein, S., & Co., New York, N. Y. Woolen cloths in the piece, for suiting, etc. 173,259; June 12.
Stein, S., & Company, New York, N. Y. Woolen cloth in the piece. 184,190; Nov. 13.
Stein, S., & Company, New York, N. Y. Woolen piece goods. 184,568; Oct. 30.
Stein, Samuel F., Williamsport, Pa. Telephone instruments. 179,971; June 26.
Steiner, Clarence S., Asbury Park, N. J. Sleeping garments, underwear, shirt waists, and bloomers. 180,309; Sept. 4.
Steiner, F. Mfg., Atzgersdorf, near Vienna, Austria. Carriage-lifting jacks, more especially hydraulics. 178,878; June 12.
Steinfeld Inc., New York, N. Y. Ice-cream freezers. 178,574; July 17.
Stemco Engineering Company, The, Dayton, Ohio. Gasoline gauges. 169,337; Jan. 2.
Stemmler, Theodore W., doing business as Evonol Laboratories, New York, N. Y. Preparation for inflammatory conditions. 171,575; Apr. 17.
Stemmler, Theodore W., doing business as Evonol Laboratories, New York, N. Y. Preparation for use in the treatment of inflamed eyes. 171,576; Apr. 17.
Stephano Brothers, Philadelphia, Pa. Cigarettes. 178,636; June 12.
Stephens, A. J., Rubber Co., Kansas City, Mo. Outer tires or coverings for pneumatic-tire casings. 173,306; Apr. 17.
Stephens-Bradley Company, Lindale, Ga. Kidney and bladder pills. 177,462; July 10.
Stephens, Franklin, Atlantic City, N. J. Hand soaps. 151,104; Dec. 11.
Stephens Motor Car Company, Incorporated, Moline, Ill. Automobiles. 175,571; May 8.
Stephens Motor Car Company, Incorporated, Moline, Ill. Automobiles. 175,572; May 1.
Stephenson, Nick S., doing business as Nick Stephenson & Co., Chicago, Ill. Cigarette paper. 184,771; Oct. 16.
Steppacher, Lester G., Co., Inc., Philadelphia, Pa. Pyjamas. 168,861; Jan. 2.
Sterling Company, The, Chicago, Ill. Women's aprons and house dresses. 180,948; Aug. 28.
Sterling Engine Co., Buffalo, N. Y. Internal-combustion engines. 180,777; Aug. 21.
Sterling Iron Works, Inc., Stockton, Calif. Electrically-operated deep-well and turbine pumps. 177,114; Oct. 9.
Sterling Laboratory, The. (See Western Wholesale Drug Co.)
Sterling Milk Company, Oklahoma, Okla. Preserved milk, cream, and milk-chocolate drinks. 178,297; Sept. 4.
Sterling Oil Company of Pennsylvania, Emlenton, Pa. Illuminating and lubricating oils and greases, gasoline, etc. 182,620; Nov. 6.
Sterling Products Corporation, St. Louis, Mo. Camp-fire stakes for supporting cooking and other utensils. 165,040; Feb. 20.
Sterling Tire Corporation, Rutherford, N. J. Tire casings. 183,414; Dec. 11.
Sterling Top & Equipment Company, Inc., Jersey City, N. J., and New York, N. Y. Automobile tops. 175,573; May 22.
Sterling Underwear Company, Chicago, Ill. Underwear for women. 180,561; Sept. 11.
Sterling Wheelbarrow Co., Milwaukee, Wis. Wheelbarrows. 150,489; Jan. 23.
Stern, Bert, Company, The, Toledo, Ohio. Women's waists and dresses. 184,931; Nov. 6.
Stern, C., & Mayer, Inc., New York, N. Y. Scarfs, neckties, cravats, and reefers. 179,436–7; Aug. 7.
Stern Clothing Co., New York, N. Y. Men's and young men's suits and topcoats. 167,851; May 1.
Stern, I., & Co., New York, N. Y. Lingual bars. 185,387; Oct. 23.
Stern, Joseph, & Sons, Inc. New York, N. Y. Packaged meats and meat products in general. 156,718; June 26.
Stern, Louis, Company, Providence, R. I. Bracelets, necklaces, neck chains, key chains, etc. 171,769; Jan. 23.
Stern, Max, Charleroi, Pa. Cigars. 169,516; May 8.
Stern, Merritt Co., Inc., New York, N. Y. Neckties. 175,893–4; July 10.
Sternau, S., & Co. Inc., New York, N. Y. Cooking stands, stoves, etc. 151,812; Oct. 23.
Sternberger & Sheaman, New York, N. Y. Ladies' and misses' hats. 181,574; Nov. 13.
Sternlop, Axel U., Worcester, Mass. Cold cream. 162,775; June 26.
Stero Corporation, The, Wilmington, Del. Handmade Chinese wool rugs and hair nets. 184,191; Oct. 2.
Stero-Oil Company. (See Emeis, Harry P.)
Sterobrus Co., The. (See Speidel, Immanuel G.)
Sterrett & Fleming Incorporated, Washington, D. C. Used and secondhand motor vehicles. 176,369; July 17.

Alphabetical list of trade-mark applicants—Continued.

Sterrick, Harrison D., doing business as Diamond Food Products Company and National Food Corporation, Pittsburgh, Pa. Combination of malt extracts for beverage purposes. 154,939; July 10.

Sterrick, Harrison D., doing business as Crystal Chemical Company, Pittsburgh, Pa. Combination of healing and medicinal oils and antiseptics. 163,356; Sept. 18.

Stetelman, Louis, doing business as Supreme Products Company, Columbus, Ohio. Malt extract for food purpose. 178,298; June 12.

Stettner Phonograph Corporation, New York, N. Y. Phonographs. 175,035; Oct. 30.

Stetson and Ellison Company, Camden, Del. Tomato purée, apple butter, and canned peaches, etc. 184,150; Nov. 6.

Stetson, George A., doing business as The Elastic Tip Co., Boston, Mass. Doll houses and furniture. 173,791; Mar. 13.

Stetson Shirt Co. Inc., New York, N. Y. Men's dress and negligee shirts. 179,834; Oct. 2.

Stetson, John B., Company, Philadelphia, Pa. Felt hats and caps for men and boys. 183,637; Dec. 25.

Stevens Brothers and Company, Atlanta, Ga. Brick. 174,705; Mar. 27.

Stevens Brothers and Company, Atlanta, Ga. Fire brick. 174,706; Mar. 27.

Stevens, Chas. A., & Bros., Chicago, Ill. Silks in the piece. 182,446; Sept. 11.

Stevens, Chas. A., & Bros., Chicago, Ill. Silks and laces in the piece. 182,447; Sept. 11.

Stevens & Co. (See Schwab, Louis.)

Stevens & Company, Inc., Providence, R. I. Ophthalmic mountings and parts thereof. 169,142; Feb. 6.

Stevens & Company, Inc., Providence, R. I. Ophthalmic mountings and parts thereof. 174,540; May 22.

Stevens & Company, Inc., Providence, R. I. Ophthalmic mountings and parts thereof. 174,867; May 1.

Stevens & Company, Inc., Providence, R. I. Ophthalmic mountings and parts thereof. 175,224; Apr. 10.

Stevens, Estella, doing business as Madame Stevens, Orlando, Fla. Hair grower. 165,642; May 8.

Stevens, J., Arms Company, New York, N. Y. Sporting rifles. 159,186–8; June 19.

Stevens, J., Arms Company, New York, N. Y. Shotguns. 159,189; July 17.

Stevens Paper Mills, Inc., The, Windsor, Conn. Lightweight fiber board. 182,891; Oct. 16.

Stevens Paper Mills, Inc., The, Windsor, Conn. Paper for mechanical drawings. 182,893; Oct. 16.

Stewart Corporation, Chicago, Ill. Writing and drawing surfaces. 178,879; May 29.

Stewart Corporation, Chicago, Ill. Writing and drawing surfaces. 178,880; June 12.

Stewart, John K., & Sons, Inc., Amsterdam, N. Y. Undershirts, underdrawers, and union suits made of knitted fabric for men. 177,633; Aug. 7.

Stewart-Warner Speedometer Corporation, Chicago, Ill. Instruments for indicating the temperature of internal-combustion engines and other mechanisms. 163,187; Oct. 16.

Stewart-Warner Speedometer Corporation, Chicago, Ill. Automotive radiator caps. 163,188; Nov. 27.

Stewart, William H., New York, N. Y. Woolen fabrics. 175,629; June 5.

Stickel Company, Inc., The, Rochester, N. Y. Eyelash crimpers. 184,310; Oct. 16.

Stickles, L. D., Shoe Co., The, Red Wing, Minn. Shoes. 173,449; June 26.

Stier & Brown, Richmond, Mich. Preparation for the treatment of warts, corns, and calli. 169,989; Feb. 20.

Stifel, J. L., & Sons, Wheeling, W. Va. Cotton piece goods. 184,367; Oct. 16.

Stifel, J. L., & Sons, Wheeling, W. Va. Printed cotton cloth. 186,487; Dec. 18.

Stillman Freckle Cream Co. (See Bereman, James H.)

Electrical lighting fixtures. 176,226; May 29.

Stillwater Orchards Co. (See Elliot, James F.)

Stimpson, Edwin B., Company, Brooklyn, N. Y. Rivets, eyelets, lacing hooks, grommets, etc. 147,814; Jan. 2.

Stimule Company Inc., The, New York, N. Y. Remedy for colds, grippe, and fever. 170,047; Jan. 23.

Stinson, Lyman A., doing business as P. & S. Laboratories, Sandwich, Ill. Preparation for the treatment of the eyes. 172,243; Mar. 6.

Stirn, L. & E., New York, N. Y. Artificial silk in the piece. 173,685; Mar. 13.

Stix, Louis, Co., The, Cincinnati, Ohio, and New York, N. Y. Bleached cotton piece goods. 178,637–8; May 22.

Stix, Louis, Co., The, Cincinnati, Ohio, and New York, N. Y. Brown cottons in the piece. 178,639; May 22.

Stix, Louis, Co., The, Cincinnati, Ohio, and New York, N. Y. Bleached cotton piece goods. 178,640; May 22.

Stock, Mitchell B., doing business as Mitchell B. Stock Company, New Haven, Conn. Candy and cakes. 185,233; Dec. 25.

Stockham, Edward V., Inc., Havre de Grace, Md. Pork and beans and canned concentrated strained tomatoes. 158,689; July 3.

Stocking Shops of America, Inc., The, Reading, Pa. Hosiery. 171,669; Aug. 28.

Stockton Commission Co. Inc., New York, N. Y. Endless woven cord fabrics for use in the manufacture of tires and fabric belting. 162,315; Feb. 20.

Stockton Commission Co. Inc., New York, N. Y. Fabric belting. 166,324; Feb. 6.

Stoddard Mill & Grain Company, Advance, Mo. Wheat flour. 182,777; Oct. 2.

Stoecker, William F., doing business as Cleo Products Co., Omaha, Nebr. Beverages and sirups for making same. 185,630; Nov. 20.

Stoehr, Richmond G., doing business as Santa Clara Company, Boston, Mass. Soft drink. 174,491; May 1.

Stokoe, Chas. L., Wallsend-on-Tyne, England. Automatic alarms and like safety devices for use in connection with power plants. 182,550; Oct. 30.

Stolte, Frederick A., Indianapolis, Ind. Beverages to be sold as soft drinks and at soda fountains. 160,155; Jan. 2.

Stolz Bros. Davis Company Incorporated, Syracuse, N. Y. Cough mixture. 176,227; July 10.

Stomatol Company of America, The, Highland Park, Ill. Liquid shaving soaps. 169,878; Jan. 30.

Stone, W. C., Emmett, Idaho. Fresh prunes. 166,020; July 3.

Stonecypher, George A., Tucson, Ariz. Bread. 165,418; Oct. 2.

Stoner, Harry W., doing business as S. & P. Novelty Co., Trenton, N. J. Condiment holder. 170,315; Feb. 20.

Stoner, Winifred S., New York, N. Y. Powder for cleansing and softening the skin. 184,693; Dec. 18.

Stonewall Cotton Mills, The, Stonewall, Miss. Chambray, cheviot and denims in the piece. 183,415; Oct. 23.

Storgaard, Henry, doing business as Aut-O-Luk Card Co., Yakima, Wash. Card game. 178,699; July 3.

Storm Royalty Company, St. Louis, Mo. Clothes-washing machines. 181,426; Nov. 20.

Stormcote Roofing Corporation. (See Oertel Roofing Manufacturing Company.)

Storms, H. M., Company, Brooklyn, N. Y. Carbon paper, typewriter ribbons, etc. 154,850; May 29.

Story & Clark Piano Co., Chicago, Ill. Pianos. 179,066; Oct. 30.

Story & Clark Piano Co., Chicago, Ill. Pianos and piano players. 181,544; Nov. 20.

Stothart's Drug Store, Augusta, Ga. Remedy for dyspepsia and indigestion. 183,542; Dec. 18.

Stouffer, Avery M., doing business as Stouffer Products Co., Chicago, Ill. Table sirup. 178,300; Sept. 25.

Stout, A. L., & Co., Indianapolis, Ind., and New York, N. Y. Piston rods. 174,345; Apr. 17.

Stowe, Geo. M., jr., Buffalo, N. Y. Spraying devices for paint, sand, and cleaning solutions. 186,165; Dec. 25.

Stowe, L. N., M. D., doing business as South-Eastern Medicine Co., Atlanta, Ga. Female tonic and regulator. 141,241; June 5.

Stowe & Woodward Company, Newton, and Newton Upper Falls, Mass. Rubber-covered rolls for paper mills, tanneries, bleacheries, etc. 178,198; July 31.

Stowell, George L., Waltham, Mass. Preparation for an ointment for corns, bunions, calli, cuts, bruises, etc. 166,793; Aug. 14.

Stoy, Johanna J., Los Angeles, Calif. Sirup-impregnated fruit in candy form. 141,333; Mar. 27.

Strachan, James F., Montreal, Quebec, Canada. Bread. 149,938; June 5.

Strachan, James F., Montreal, Quebec, Canada. Bread. 163,006; June 5.

Strahmann, Henry C., doing business as N. M. P. Laboratories, New York, N. Y. Pile ointment. 169,832; Jan. 23.

Strain, Lewis K., doing business as Pneumocol Company, Dayton, Ohio. Ointment for use in the treatment of all forms of rheumatism, neuralgia, etc. 171,822; Feb. 20.

Strait, J. H., & Company, Redlands, Calif. Fresh citrous fruits. 181,319; Aug. 21.

Strand Fisheries. (See Strand, Gus.)

Strand, Gus, doing business as Strand Fisheries, Aberdeen, Wash. Canned clams. 164,971; Jan. 30.

Strasenburgh, R. J., Company, Rochester, N. Y. Tonic for use in connection with convalescence, anæmia, etc. 173,686; Apr. 10.

Strasenburgh, R. J., Company, Rochester, N. Y. Saline cathartic. 178,641; July 31.

Strathmore Paper Company, West Springfield, Mass. Paper and envelopes. 168,178; Jan. 2.

Straubel, C. A., Co., Green Bay, Wis. Cheese. 157,857; Apr. 3.

Straus, Albert I., Lima, Ohio. Ladies', misses' and children's hosiery, knit silk and cotton underwear, corsets, brassières, etc. 169,879; May 15.

Straus, Leo R., New York, N. Y. Watches. 183,997; Nov. 20.

Straus, Theodore L., Baltimore, Md. Raw or partly-prepared materials. 166,611; Jan. 2.

Strauss, Lester A., New York, N. Y. Fresh limes and lemons. 179,493; Sept. 4.

Strauss, Levi, & Co., San Francisco, Calif. Shirts, blouses, coats, pants, etc. 179,563; Aug. 14.

Strawbridge & Clothier, Philadelphia, Pa. Shoes made wholly or in part of leather. 162,208; Jan. 2.

Strawbridge & Clothier, Philadelphia, Pa. Suits. 180,151; Aug. 28.

Street, John F., & Co., Providence, R. I. Cotton yarns. 184,152; Sept. 25.
Street & Smith Corporation, New York, N. Y. Magazines. 186,166; Dec. 11.
Strevell-Paterson Hardware Co., Salt Lake City, Utah. Razor strops. 157,450; Feb. 27.
Strite, Daniel D., South Norwalk, Conn. Nonferrous metal alloy. 172,403; Mar. 6.
Strohmeier, Frederick E., Ashland, Pa. Curtains, draperies, and an open-mesh netted fabric. 169,091; Feb. 6.
Strohmeier, Frederick E., Ashland, Pa. Sweaters, scarfs, outer shirts and vests, shawls, caps, hats, and girdles. 169,092; Feb. 13.
Strohmeyer & Arpe Company, New York, N. Y. Olive and salad oils. 151,237; May 1.
Strohmeyer & Arpe Company, New York, N. Y. Vegetable oil flavored with olive oil. 166,959; Feb. 20.
Strohmeyer & Arpe Company, also doing business as United Pure Food Co., New York, N. Y. Salad oils. 186,089; Dec. 11.
Stroock, S., & Company, Inc., New York, N. Y. Pile fabric in the piece. 176,434; June 19.
Stroock, S., & Company, Inc., New York, N. Y. Fabric in the piece composed of wool or other animal fibers. 181,225; July 17.
Stroud-Dockum Grocery Co., Corsicana, Tex. Wheat flour. 162,354; Jan. 30.
Strouse, Adler & Co., New Haven, Conn. Corsets. 167,947; Jan. 2.
Strouse, Adler & Co., New Haven, Conn. Corsets. No. 167,950; Jan. 2.
Strouse, Adler & Co., New Haven, Conn. Corsets. 167,952; Jan. 30.
Strouse, Adler & Co., New Haven, Conn. Corsets. 167,955–6; Jan. 2.
Strully, Jacques M., doing business as Chiklax Chemical Products Co., Brooklyn, N. Y. Medicinal laxatives. 182,884; Oct. 30.
Strype, Fred. C., New York, N. Y. Wrapping, etc., paper. 168,385–6; Jan. 16.
Strype, Fred C., New York, N. Y. Apple wrappers. 176,924; May 15.
Stuart & Emerson, Lyndonville, Vt. Ice cream. 168,130; May 22.
Stuart, Fred W., Beverly, Mass. Shoe lasts. 163,059; Jan. 30.
Stuart Packing Corporation, Seattle, Wash. Canned salmon. 182,621; Dec. 18.
Stuart Packing Corporation, Seattle, Wash. Canned salmon. 182,622; Sept. 11.
Stuarts & Jacks, Limited, Musselburgh, Scotland. Twines for fishing nets. 178,301; Nov. 13.
Stuarts & Jacks, Limited, Musselburgh, Scotland. Fishing nets. 178,302; Nov. 6.
Stubbs, India K., Monroe, La. Dolls and contortional figures. 174,707; Apr. 10.
Stump & Walter Co., New York, N. Y. Vegetable, flower, and grass seeds, and flowering bulbs. 182,019; Dec. 4.
Sturges Company, The, Meridian, Miss. Feed for oxen. 168,076; Feb. 6.
Sturges Company, The, Meridian, Miss. Horse, mule, cow, cattle, and poultry feeds. 168,077; Feb. 6.
Sturges Company, The, Meridian, Miss. Horse and mule feed. 168,079; May 1.
Sturges, Preston, Brooklyn, N. Y. Face powders, rouges. 176,579; Aug. 7.
Sturm & Scheinberg, New York, N. Y. Garters and arm bands. 148,822; Mar. 27, 1923.
Styla Silk Hosiery Co. (See Simmons, Felix.)
Style-Center Tailoring Company, The, Cincinnati, Ohio. Women's and young women's clothing and garments. 172,566; June 19.
Style-Center Tailoring Company, The, Cincinnati, Ohio. Overcoats, raincoats, vests, trousers, etc. 175,831; Aug. 28.
Submarine Pyorrhea Co. (See Baggett, James A.)
Success Pharmacal Co. (See Schulze, Louis.)
Successful Farming Publishing Co., Des Moines, Iowa. Monthly publication. 168,436; Feb. 27.
Suchar Process Corporation, Dover, Del. Filtering, clarifying, and deodorizing carbons. 183,008; Nov. 20.
Suchard, S. A., Serrieres, Switzerland. Chocolate. 184,569–70; Nov. 27.
Sudermann & Co., New York, N. Y. General tonic. 159,772; Mar. 20.
Su-Dex Wood Curing Company, Coscob, Conn., and Brooklyn, N. Y. Treated wood. 164,606–7; Aug. 28.
Su-Dex Wood Curing Company, Inc., Coscob, Conn., and Brooklyn, N. Y. Carbohydrates and chemicals used in the treatment, processing, etc., of wood, lumber, etc. 164,608; Aug. 14.
Suffern, Robert A., New York, N. Y. Unbleached sheetings and drills. 157,109; Apr. 17.
Suffern, Robert A., New York, N. Y. Unbleached sheetings and drills. 166,856; Mar. 27.
Sugar Cone Manufacturing Corp., Brooklyn, N. Y. Sugar cones. 167,538; June 19.
Suhling & Co. Inc., Lynchburg, Va. Leaf tobacco. 172,019–20; Jan. 9.
Suisun Valley Fruit Growers Ass'n., Suisun, Calif. Fresh fruits—namely, peaches and pears. 169,093; Feb. 27.
Suliman, Ibish, Lynn, Mass. Soaps. 174,944; May 8.
Sullivan Company, The, Memphis, Tenn. Composition for use in hardening cement. 173,305; Mar. 27.
Sullivan, Hensley & Ponto, Denver, Colo. Ice-cream confections. 177,145; July 3.
Sullivan, Hugh C., Frostproof, Fla. Fresh citrus fruits. 159,536; Jan. 16.
Sullivan, Marguerite, assignor to E. J. Reefer and M. Sullivan, trading as Domino House, Philadelphia, Pa. Preparation for removing freckles. 183,175; Nov. 13.
Sullivan, Marguerite, assignor to E. J. Reefer and M. Sullivan, trading as Domino House, Philadelphia, Pa. Preparation for removing wrinkles. 183,176; Nov. 13.
Sullivan, Marguerite, assignor to E. J. Reefer and M. Sullivan, doing business as Domino House, Philadelphia, Pa. Hand lotion. 183,418; Nov. 13.
Sullivan, Marguerite, assignor to Domino House, Philadelphia, Pa. Vanishing cream. 183,419; Dec. 18.
Sullivan, Sidney Y., Newark, N. J. Household tables. 159,292; Mar. 6.
Sulpho-Naphthol Company, The, Boston, Mass. Tree and plant spray solutions. 181,964; Sept. 25.
Summerfield Company, Boston, Mass. Stoves. 178,883; July 24.
Summerour & Son, Vernon, Tex. Farm seeds. 171,773; June 12.
Sumner Co., The, Akron, Ohio. Butter. 152,968; Mar. 6.
Sumonia, Milan M., doing business as Sumonia Candy Co., Omaha, Nebr. Candy. 178,682; June 12.
Sumter Brick Works, Sumter, S. C. Brick. 179,629; Aug. 7.
Sunbeam Electric Manufacturing Co., Evansville, Ind. Unitary electric light and power plants. 137,861; Aug. 21.
Sunbeam Electric Manufacturing Co., Evansville, Ind. Unitary electric light and power plants. 137,862; Aug. 28.
Sun-Bil Auto Polish Co., Somerville, Mass. Polish for automobiles, furniture, etc. 177,926; May 8.
Sunbury Wholesale Grocery Company, Sunbury, Pa. Coffee. 186,090; Nov. 27.
Sun Drug Co., The, Los Angeles, Calif. Olive oil, caraway and celery seeds, cocoa butter, etc. 139,632; Apr. 3.
Sun Drug Company, The, Los Angeles, Calif. Wood and other alcohols, acetic acid, etc. 139,634; Mar. 27.
Sunfield Company, The, Milford, Conn. Gasoline, kerosene, benzine, petroleum, etc. 183,806; Oct. 30.
Sun-Herald Corporation, The, New York, N. Y. Cartoon serials. 176,370; May 22.
Sunkist Lemon Pie Company, Chicago, Ill. Lemon-meringue pies. 178,576; Sept. 18.
Sunland Packing House Company, Porterville, Calif. Fresh citrus fruits. 166,106; Jan. 16.
Sun-Maid Raisin Growers. (See California Associated Raisin Co.)
Sun Maid Raisin Growers, Fresno, Calif. Candy and candy filler. 163,706; Feb. 20.
Sun Maid Raisin Growers, Fresno, Calif. Raisins. 171,108; Nov. 13.
Sun-Maid Raisin Growers, Fresno, Calif. Raisin sirup, mincemeat, canned raisins, etc. 172,694; Nov. 20.
Sunman & Hewson, Luton, England. Hats for women and children. 177,146; July 24.
Sunnyside Milling Co., Evansville, Ind. Wheat flour. 183,677; Dec. 25.
Sunny Susan Laboratories, Inc., Buffalo, N. Y. Freckle-removing or bleaching cream. 164,567; Aug. 7.
Sun Oil Company, Philadelphia, Pa. Spraying oil. 180,562; Sept. 18.
Sun Patent Developing Co., The, St. Louis, Mo. Shoe heel plates, shoe, toe plates, and shoe toe protectors. 163,547; Aug. 21.
Sunray Stove Company, The, Delaware, Ohio. Gas ranges and heaters. 178,071; May 22.
Sunset Feather Co., San Francisco, Calif. Pillows and cushions. 172,911; May 1.
Sunset Fruit Co., Lodi, Calif. Fresh grapes. 168,387; July 3.
Sun-Set Raisin Co. (See Mostovoy, Maurice.)
Sunshine Stores, Inc., San Francisco, Calif. Butter. 168,498; Mar. 20.
Sun Sipt Apiaries. (See Doubrava & Morris.)
Sun Zone Company, Paris, Ky. Liniment. 185,767; Dec. 11.
Superior Athletic Underwear Company, The, Piqua, Ohio. Union and combination suits, undershirts, underdrawers. 174,642; July 10.
Superior Chemical Company, Chicago, Ill. Chemical heat bags. 183,998; Dec. 18.
Superior Distributing Co., New York, N. Y. Metal cash boxes. 173,340; July 17.
Superior Flake Graphite Company, Chicago, Ill. Graphite. 171,968; May 22.
Superior Garment Company, Inc., New York, N. Y Ladies' coats. 181,356; Sept. 11.
Superior Silver Company, Inc., Brooklyn, N. Y. Lamp standards, fruit bowls, candlesticks, comports, etc. 169,466; Feb. 20.
Super-Refined Metals Company, Los Angeles, Calif. Bearing metals. 183,420; Sept. 25.
Supersoap Products Co., Inc., New York, N. Y. Soaps. 149,601; Apr. 24.

Alphabetical list of trade-mark applicants—Continued.

Supplee-Biddle Hardware Company, Philadelphia, Pa. Phonographs, talking machines, and reproducers, horns, etc. 140,683; June 19.
Supplee-Biddle Hardware Company, Philadelphia, Pa. Lawn sprinklers. 167,273; Feb. 13.
Supplee-Wills-Jones Milk Company, Philadelphia, Pa. Raw milk and cream, ice cream, etc. 163,473; Dec. 18.
Supplee-Wills-Jones Milk Company, Philadelphia, Pa. Raw milk, raw cream, pasteurized milk and cream, etc. 164,457; Oct. 2.
Supreme Orient O. O. H. & P., Schenectady, N. Y. Lapel buttons. 145,596; July 24.
Supreme Orient O. O. H. & P., Schenectady, N. Y. Letterheads, envelopes, report blanks, etc. 145,597; Apr. 3.
Supreme Products Company. (See Stetelman, Louis.)
Surbrug Chocolate Corporation. (See Surbrug, John W.)
Surbrug, John W., doing business as Surbrug Chocolate Corporation, New York, N. Y. Candy and sugared assorted nuts. 169,962; May 22.
Surbrug, John W., doing business as Surbrug Chocolate Corporation, New York, N. Y. Candy. 174,220; Dec. 11.
Sur-Duz Products Company, Kansas City, Mo. Automobile auxiliary gasoline tank. 167,957; May 8.
Sure-Edge Stropper Company, Minneapolis, Minn. Razor-blade-stropping holders. 174,187; May 1.
Surfix Chemical Co., Detroit, Mich. Finishing or polishing material. 180,904; Sept. 4.
Surgeons Specialty Company, The, Cincinnati, Ohio. Non-alcoholic witch-hazel. 154,066; Feb. 20.
Surgeons Specialty Company, The, Cincinnati, Ohio. Bed jacks. 165,419; Dec. 11.
Surpass Chemical Co. Inc., Albany, N .Y. Bleaching material. 170,908; Feb. 13.
Surpass Chemical Co. Inc., Albany, N. Y. Material for bleaching and degumming silk. 172,658; Mar. 6.
Surpass Chemical Co. Inc., Albany, N. Y. Chemical preparation for bleaching material. 175,170; June 26.
Susanna Cocroft Laboratories Inc., New York, N. Y. Soap. 180,751; July 24.
Suspender, W. B., House. (See Wechsler, Isaac.)
Susquehanna Silk Mills, New York, N. Y. Silk piece goods. 174,868; Apr. 17.
Susquehanna Silk Mills, New York, N. Y. Ratine in the piece. 177,147; Apr. 24.
Susquehanna Silk Mills, New York, N. Y. Silk and cotton mixed goods in the piece. 178,304; May 15.
Susquehanna Silk Mills, New York, N. Y. All-silk piece goods. 181,154; Oct. 9.
Susquehanna Silk Mills, New York, N. Y. Silk and wool mixed piece goods. 181,155; Oct. 9.
Sussfeld, Lorsch & Schimmel, New York, N. Y. Ophthalmic-lens blanks. 176,766; Apr. 17.
Sussfeld, Lorsch & Schimmel, New York, N. Y. Ophthalmic lenses and blanks. 176,767; Apr. 17.
Sussfeld, Lorsch & Schimmel, New York, N. Y. Field and opera glasses. 187,546–8; Dec. 25.
Sussman, Wormser & Co., San Francisco, Calif. Macaroni, spaghetti, and vermicelli. 167,431; Feb. 6.
Sussman, Wormser & Co., San Francisco, Calif. Canned fruits. 181,575; Sept. 25.
Sutermeister, Lowell A., Dayton, Ohio. Ice-cream portion. 172,912; July 24.
Sutton & Darbyshire Incorporated, Philadelphia, Pa. Periodical. 182,020; Sept. 25.
Swan, Madame J. E. (See Swan, May E.)
Swan, May E., doing business as Madame J. E. Swan, New York, N. Y. Hair gloss and grower. 168,737; Mar. 13.
Swander Baking Company, Rapid City, S. Dak. Bread and rolls of all kinds. 166,958; Mar. 27.
Swanston, C., & Son, Sacramento, Calif. Smoked meats, boiled ham, and lard. 187,394; Dec. 25.
Swartz Brothers, Chicago, Ill. Automobile and cycle tire boots and patches and patching material for rubber tires. 158,900; June 26.
Swartz, George D., New York, N. Y. Novelized original photoplay stories. 185,162; Nov. 20.
Swartz, Milton D., doing business as Baltimore Water Paint Company, Baltimore, Md. Paints. 186,810; Dec. 4.
Swastika Fuel Co., Raton, N. Mex. Coal and coke. 171,597–8; Mar. 27.
Swayne, Joseph J., doing business as Jo-Lo Rug Cleaning Mfg. Co., Philadelphia, Pa. Compound for cleaning rugs. 175,970; July 10.
Sweet Candy Company, Salt Lake City, Utah. Pop-corn confection. 165,315; Jan. 2.
Sweet Dominick, doing business as The Sweet Manufacturing Company, Pittsburgh, Pa. Medicines and toilet preparations. 164,776; May 8.
Sweet, Dominick, doing business as The Sweet Manufacturing Company, Pittsburgh, Pa. General system tonic. 177,115; June 12.
Sweet-Orr & Co., Inc., Wappingers Falls and New York, N. Y. Pants, Norfolk jackets, coats, and vests. 174,221; July 3.
Sweet, Wm. S., & Son, Inc., Providence, R. I. Watermelons. 180,507; Sept. 25.
Sweet, Wm. S., & Son, Inc., Providence, R. I. Watermelons. 180,563; Sept. 25.
Sweetman Company, Inc., The, St. Louis, Mo. Wax chewing gum. 161,587; Oct. 16.
Sweetwater Cotton Oil Co., Sweetwater, Tex. Feed for livestock. 181,502; Nov. 6.
Sweney Gasoline & Oil Co., Peoria, Ill. Lubricating oils and gasoline. 184,221; Nov. 6.
Swenson Evaporator Company, Harvey, Ill. Evaporators. 175,530; Aug. 14.
Swett, William R., Oceola Mills, Pa. Beverage sold as soft drink. 184,948; Nov. 27.
Swift and Company, Chicago, Ill. Lard substitutes. 160,637; Feb. 27.
Swift and Company, Chicago, Ill. Butter, cheese, eggs, and sausage. 163,186; Mar. 20.
Swift and Company, Chicago, Ill. Dressed poultry. 165,096; Jan. 30.
Swift and Company, Chicago, Ill. Cheese. 172,188; Mar. 20.
Swift, G. A., Selma, Ala. Digestant compound. 175,531; May 15.
Swine Breeders Pure Serum Company, Thorntown, Ind. Toilet soap. 174,869; May 1.
Swing, M. E., Company, Washington, D. C. Coffee. 167,104; Feb. 6.
Swingley Bros., Rockford and Freeport, Ill., and Beloit, Wis. Butter. 182,781; Oct. 2.
Swint, Davis & Davis, Atlanta, Ga. Cigars. 172,362; Apr. 10.
Switzer, Albert O., Los Angeles, Calif. Underwear, hosiery, suspenders, garters, etc. 179,891; Aug. 28.
Switzer, Frederick M., doing business as Switzer's Yellow Jacket Company, St. Louis, Mo. Candies. 168,738; Sept. 25.
Swope, John A., jr., doing business as Human Hand Cake Beater Co., Union Deposit, Pa. Cake beaters and mixers. 177,333; July 17.
Sykes, William, Limited, Horbury and London, England. Footballs, basket, soccer, and punching balls. 184,805; Dec. 25.
Sylmar Packing Corporation, Los Angeles, Calif. Pickled pimientos. 182,449; Sept. 11.
Sylvester, Wilber, doing business as Cook Medical Co., Port Huron, Mich. Medicine to regulate the stomach, liver and bowels, and to give relief from constipation. 164,622; Mar. 20.
Symbolox Box Co. (See Conley, Frederick T.)
Symmes, Whitman, San Francisco, Calif. Electrical outlet fixtures. 183,349–50; Oct. 9.
Symns Grocer Co., The, Atchison, Kans. Canned fruits, vegetables, and fish. 173,152; June 5.
Syracuse Dry Goods Company, Syracuse, N. Y. Knitted or textile union suits, vests, pants, and hosiery. 172,808; Dec. 11.
Syracuse Glass Company, Syracuse, N. Y. Plate glass, mirror glass, and crystal sheeting. 178,007; June 5.
Syrup Products Co., The. (See Ver-Vac Company.)
Szabady Soap Mfg. Co., Inc., Perth Amboy, N. J. Laundry soap. 185,503; Nov. 20.
Sziber, Steve A. D., New York, N. Y. Medicine for tuberculosis, etc. 180,508; Sept. 18.
T. & C. Corporation, New York, N. Y. Food products. 173,863; Aug. 7.
T-N-T Spark Plug Co. (See Palmer, Herbert R.)
T-N-T Spark Plug Company, The, Cleveland, Ohio. Spark plugs. 175,225; July 10.
Tab-Co Company, Washington, D. C. Tablets for headaches, colds, and grippe. 169,190; Feb. 13.
Tabler, John H., Washington, D. C. Buckles and straps for baggage, horse equipments, portfolios, and pocketbooks. 137,973; Mar. 27.
Tablets and book covers. Smith Tablet Company, Inc., Holyoke, Mass. 175,220; Mar. 27.
Tacoma Biscuit & Candy Company, Tacoma, Wash. Soda crackers. 172,913; Apr. 10.
Tacoma Biscuit & Candy Company, Tacoma, Wash. Candy. 174,600; June 5.
Taft, Royal C., doing business as R. C. Taft Company, Chicago, Ill. Ribbon novelties or trims as may be used upon powder puffs, camisole straps, lingerie sets, etc. 170,164; Apr. 24.
Tailored Woman, Inc., The, New York, N. Y. Dresses for women. 177,148. Aug. 14.
Taintor Company, The, New York, N. Y. Whiting. 175,171; Apr. 17.
Taintor Company, The, New York, N. Y. Paris white. 176,314; May 1.
Taintor Company, The, New York, N. Y. Paris white. 176,315; Sept. 4.
Taiyo Trading Co., Inc., New York, N. Y. Crab meat. 171,236; May 15.
Taiyo Trading Co., Inc., New York, N. Y. Canned crab meat. 176,580; July 24.
Taiyo Trading Co., Inc., New York, N. Y. Canned crab meat. 176,769; July 3.
Taiyo Trading Company, Inc., New York, N. Y. Canned crab meat. 182,274; Dec. 18.
Takamine Laboratory, Inc., Clifton, N. J. Enzyme substances of vegetable fungus. 147,806; Apr. 24.
Takamine Laboratory, Inc., Clifton, N. J., and New York, N. Y. Starch solvents. 161,285; Sept. 18.
Takamine Laboratory, Inc. Clifton, N. J. Yeast aid in the baking of bread. 161,286; Aug. 14.
Takof Company. (See Chandler, Mary W.)

Talento, Maria, Palermo, Italy. Medical compound for lung diseases and diseases of the bones and blood. 153,419; Oct. 23.
Tallerday Medicine Company, The, Belvidere and Chicago, Ill. Medicated oil. 182,623; Oct. 30.
Tallman, Robbins & Company, Chicago, Ill. Loose-leaf binders. 184,772; Nov. 20.
Tallqvist, Theodor W., Helsingfors, Finland. Hæmoglobin scales. 174,542; May 29.
Talman, Charles F., doing business as The Pictogram Company, Washington, D. C. Informational picture books. 177,055; June 19.
Tamal Packing Co., San Francisco, Calif. Canned tomatoes. 174,599; May 8.
Tamal Packing Co., San Francisco, Calif. Canned fruits and vegetables. 181,919–20; Dec. 11.
Tampa Cigar Company, Tampa, Fla. Cigars. 182,115–16; Oct. 2.
Taneyhill, Joseph O., New York, N. Y. Crystallized and preserved ginger, chutney, honey, etc. 174,757; July 10
Tang Company, The. (See Webber, William B.)
Tannehill, Cecelia Y., doing business as Tannehill Handmade Underwear Company, Whitetail, Mont. Handmade silk clothing. 168,499; Mar. 20.
Tannehill Handmade Underwear Company. (See Tannehill, Cecelia Y.)
Tanner-Gross, W. P., & Co., Inc., New York, N. Y. Semolina made of durum wheat. 183,609; Dec. 25.
Tanner & Poindexter, Atlanta, Ga. Medicinal tablets. 175,276; July 17.
Tanner, William E., Brunswick, Me. Beverages sold as soft drinks and sirups for making same. 174,495; May 15.
Tannin Corporation, The, New York, N. Y. Tanning extracts. 184,995; Dec. 4.
Tantum, Beth. (See Powell, Bessie S.)
Tao Tea Company, Inc., New York, N. Y. Tea. 171,292; Aug. 14.
Tappan Stove Co., The, Mansfield, Ohio. Gas and coal ranges and stoves. 169,880; Dec. 4.
Tappan Stove Co., The, Mansfield, Ohio. Electric ranges and stoves. 172,449; July 10.
Tarara, Paul L., St. Paul, Minn. Antiseptic foot powder. 178,072; July 17.
Tarratine Manufacturing Co. Inc., Bangor, Me. Soap, soap cream and paste. 172,189; Feb. 20.
Tartaroff Co. (See Waddell, Walter H. and B.)
Tasty Baking Company, Philadelphia, Pa. Cake. 157,084; July 24.
Tasty Baking Company, Philadelphia, Pa. Toasted sponge cake or slightly-sweetened bread. 175,684; Aug. 21.
Tate & Lyle Limited, London, England. Sugar. 161,701; May 15.
Tate, Norman F., Amarillo, Tex. Veterinary medicine, being a blistering agent. 168,287; Mar. 20.
Taubert, Henry J., Brighton, Mass. Liquid fertilizers. 183,807; Nov. 6.
Tauber, Lipton & Company, Inc., New York, N. Y. Shirts, pyjamas, and nightshirts. 173,612; July 10.
Tauch, Werner C., doing business as Popular Products Company, San Antonio, Tex. Powdered polish for automobile bodies and other painted and varnished surfaces. 179,171; Oct. 2.
Taunton Electro-Chemical Company, Taunton, Mass. Soap. 175,277; July 3.
Taunton Pearl Works, Inc., Taunton, Mass. Cuff and collar buttons, scarf pins, brooches, etc. 182,387; Oct. 16.
Taunton Rubber Company, Taunton, Mass. Rubber heels. 171,969; Mar. 27.
Taverner & Fricke, Los Angeles, Calif. Wrapping paper, toilet and wax paper. 185,163; Oct. 16.
Tawas Candy Company. (See Widdis, Albert.)
Tawney Ice Cream Company, The, Barberton, Ohio. Frozen confections, ice cream, and ices. 159,436; Jan. 30.
Taylor, Arthema, Jeffersonville, Ind. Hair grower, hair tonic, shampoo, tetter salve, etc. 171,517; June 5.
Taylor, Arthur W., doing business as Taylor & Taylor, Portland, Oreg. Deodorants and preventives of excessive perspiration. 181,465; Nov. 6.
Taylor Candy Company, Newark, N. J. Peanut bar. 186,034; Dec. 25.
Taylor, Cecil C., Chicago, Ill. Extensible cuff buttons. 160,645; Feb. 20.
Taylor, Clapp & Beall, New York, N. Y. Cotton piece goods. 181,048; July 17.
Taylor, E. E., Co., Boston, Mass. Boots and shoes. 176,293–4; July 3.
Taylor, Edward C., New York, N. Y. Electric-light traffic signals for use on self-propelled vehicles. 169,191; Feb. 13.
Taylor-Friedsam Company, The, Paterson, N. J., and New York, N. Y. Silk ribbons in the piece. 171,877–8; Jan. 30.
Taylor-Friedsam Company, The, Paterson, N. J., and New York, N. Y. Silk ribbons in the piece. 175,575; May 22.
Taylor-Friedsam Company, Paterson, N. J., and New York, N. Y. Silk ribbons in the piece. 176,860; Apr. 24.
Taylor, G. L., doing business as Bluford Specialty Co., Bluford, Ill. Dental cream, face powder, hand softener, etc. 185,192; Dec. 4.
Taylor Gland Research Laboratories, Inc., Philadelphia, Pa. Tablets for nervousness, headaches, anæmia, etc. 183,457; Dec. 4.
Taylor Instrument Companies, Rochester, N. Y. Hygrometers. 163,834; Sept. 25.
Taylor Instrument Companies, Rochester, N. Y. Thermometers. 163,836; Sept. 25.
Taylor Instrument Companies, Rochester, N. Y. Thermostatic temperature-regulating apparatus. 163,837–9; Sept. 25.
Taylor Instrument Companies, Rochester, N. Y. Barometers. 179,495; July 10.
Taylor Instrument Companies, Rochester, N. Y. Thermometers. 185,994; Nov. 20.
Taylor, J. L., Co., The, Los Angeles, Calif. Fresh citrous and deciduous fruits, dried or dehydrated fruits and vegetables, etc. 164,977; May 8.
Taylor Produce Co., Kalamazoo and Battle Creek, Mich. Butter, eggs, and cheese. 150,413; Aug. 7.
Taylor, Raymond E., Portland, Oreg. Zinc-chloride antiseptic and deodorant for gums, sore throat, and tonsillitis. 180,907; Aug. 14.
Taylor & Sledd, Inc., Richmond, Va. Canned fish, vegetables, fruits, etc. 176,926; Sept. 11.
Taylor & Sledd, Inc., Richmond, Va. Canned fish. 176,927; Sept. 11.
Taylor, Sterling P., doing business as Taylor Drug Company, Mineral Wells, Tex. Liquid dandruff remover. 178,575; July 10.
Taylor, T. Buckley, Inc., Trenton, N. J. Cement for use in repairing musical instruments. 181,240; Sept. 4.
Taylor, Thos. P., Co., The, Bridgeport, Conn. Children's waists and underwear. 183,506–7; Sept. 25.
Taylor, Thos. P., Co., The, Bridgeport, Conn. Children's waists and underwear of knitted or textile fabrics. 184,222; Oct. 16.
Taylors Silk Emulsion, Inc., New York, N. Y. Silk softener. 179,973; Aug. 7.
Tea Rose Corporation, Brooklyn, N. Y. Mayonnaise dressing, jams, and jellies. 138,657; Jan. 9.
Teagle Company, The, Cleveland, Ohio. Telephone adapters for coupling telephone receivers to sound amplifiers. 179,337; June 26.
Teague, Judge P., Sevierville, Tenn. Rheumatism specific. 181,965; Nov. 6.
Tebbetts and Garland Store, The, Chicago, Ill. Aluminum teapots. 171,599; July 10.
Tebbetts and Garland Store, The, Chicago, Ill. Aluminum percolators. 171,600; July 10.
Tebbetts, The Misses, Pittsburgh, Pa. Dolls. 172,244; Jan. 30.
Tecla, M., & Co. (See Bourjois, A., & Co., assignor.)
Tecla, M., & Co., New York, N. Y. Pearl necklaces. 167,958; May 29.
Tecq Products Company. (See Mann, Arthur B.)
Tedford, R. A., & Co., Wenatchee, Wash. Fresh apples. 168,809; Feb. 13.
Tee Pee Rubber Company, Inc., New York, N. Y. Rubber heels. 169,372; Apr. 3.
Tekna, Springfield, Mass. Shampoos, hair tonic, perfume, etc. 175,112; June 5.
Telfer Coffee Co., Detroit, Mich. Coffee. 165,730; Feb. 20.
Tell City Creamery Company, Tell City, Ind. Butter. 180,950; Nov. 13.
Telltale Hosiery Co. (See Custer, John A.)
Tell-U-Where Co. of America, Boston, Mass. Directories published semiannually. 178,693; Aug. 28.
Telulah Petralyke Company, Appleton, Wis. Visors for vehicles. 181,357; Dec. 25.
Telulah Petralyke Company, Appleton, Wis. Visors for vehicles. 181,358; Dec. 18.
Temple Candy Company, Temple, Tex. Candy. 169,096; Feb. 27.
Temple, W. M., Mason City, Iowa. Paper for correspondence and printing. 171,392; Nov. 20.
Templeton, James, & Son, Ltd., Ayr, Scotland. Knitting wool. 174,870; Apr. 17.
Tenebaum, David, doing business as The Aborn Shirt Mfg. Co., New York, N. Y. Dress shirts. 172,131; Dec. 25.
Tennessee Biscuit Co., Nashville, Tenn. Candy. 183,951; Nov. 13.
Tennessee Paper & Bag Co., Memphis, Tenn. Paper, envelopes, lead pencils. 172,809; Mar. 13.
Tennessee Paper & Bag Co., Memphis, Tenn. Printing, wrapping, writing, and label paper, envelopes, and lead pencils. 173,108–0; Mar. 13.
Tenny, William H. F., doing business as Tenny Vitalamine Co., Buffalo, N. Y. Tablets for relieving dyspepsia and constipation and increasing strength and vitality. 160,644; June 19.
Ternstedt Manufacturing Company, Detroit, Mich. Automobile body hardware. 163,900; Jan. 30.
Terra Vitae Company, Chicago, Ill. Beauty clay. 178,416; Sept. 11.
Tetamore, Henry L., Glendale, N. Y. Wrapping paper. 182,941; Oct. 2.
Tetlow, Clara, doing business as Tetlow Manufacturing Co., Philadelphia, Pa. Talcum powders. 183,422; Dec. 18.

Tetralin Gesellschaft mit beschränkter Haftung, Berlin, Germany. Lubricants and solvents, kerosene, benzine, gasoline, etc. 142,040; June 19.
Tetralin Gesellschaft mit beschränkter Haftung, Berlin, Germany. Glue, mucilage, and paste. 142,041; June 19.
Tetralin-Gesellschaft mit beschränkter Haftung, Berlin, Germany. Wood and food preservatives, photographic chemicals, dyestuffs, dyes, etc. 142,042; June 5.
Tetralin Gesellschaft mit beschränkter Haftung, Berlin, Germany. Rubber mats, waterproofed fabrics, etc. 142,044; May 8.
Tetralin-Gesellschaft mit beschränkter Haftung, Berlin, Germany. Soaps, liquids, powders, and pastes, for cleaning, and a metal-polishing preparation. 142,046; July 24.
Tetralin-Gesellschaft mit beschränkter Haftung, Berlin, Germany. Resins, coal, coke, rubber, etc. 142,047; May 1.
Teuscher & Son Machinery Supply Co., St. Louis, Mo. Automobile fan belts. 163,553; Nov. 13.
Tex-Alle Company, The. (See Koppe, Edgar J.)
Tex-Craft Company, Reading, Pa. Hosiery. 179,974; Aug. 28.
Texas Belting Company, Houston, Tex. Leather belts. 169,938; Mar. 27.
Texas Chemical & Specialty Co. (See Johns, William T.)
Texas Company, The, Houston, Tex., and New York, N. Y. Lubricating oils. 169,143; Mar. 20.
Texas Distributing Company, Dallas, Tex. Sweet potatoes. 184,627; Dec. 25.
Texas Farm Bureau Melon Growers' Exchange, Dallas, Tex. Watermelons. 167,152; Apr. 24.
Texas Gulf Sulphur Company, New York, N. Y. Fusible sulphur composition for tanks, etc. 186,811; Dec. 4.
Texas Star Flour Mills, Galveston, Tex. Wheat flour. 180,631; Sept. 25.
Texoleum Company. (See Salem Manufacturing Company.)
Textile Manufacturing Co., Evansville, Ind. Ladies' union suits, vests, and pants. 169,937; Feb. 13.
Textile Mfg. Co., The, Chester, Pa. Artificial-silk, worsted, and mixed artificial-silk and worsted yarns. 172,299; Feb. 20.
Textile Publishing Company, New York, N. Y. Weekly publication. 172,659; Feb. 27.
Textile Shirt Company, The, Cincinnati, Ohio. Men's dress and negligee shirts. 179,239; July 10.
Textileather Company, New York, N. Y. Substitute leather. 165,773; Jan. 2.
Thacher Medicine Company, Chattanooga, Tenn. Tonic for female use. 186,398; Dec. 18.
Thackery, Thomas W., jr., Winnetka, Ill. Wardrobe traveling cases. 183,089; Dec. 25.
Thal & Bitter Machine Co., The, Toledo, Ohio. Spotlights, spotlight mountings, and parts thereof. 173,450; Mar. 6.
Tharinger Macaroni Company, Milwaukee, Wis. Alimentary paste products. 171,186; May 15.
Thatcher, H. D., & Company, Inc., Potsdam, N. Y. Butter and cheese coloring. 184,192; Dec. 18.
Thayer, W. E., Company, Inc., Mount Vernon, N. Y. Files. 157,781; Aug. 14.
The-B-X-Saw Co., Boston, Mass. Hack saws. 179,843; July 24.
Theodore & Leves, New York, N. Y. Olive oil. 165,511; Jan. 2.
Therapeutic Appliance Corporation, The, St. Louis, Mo. Chest splint. 171,970; Jan. 9.
Thermalene Gas Corporation, Kankakee, Ill. Generators for producing gas, gas cartridges, and parts thereof, etc. 171,823; Apr. 24.
Thermoid Rubber Company, Trenton, N. J. Hose. 166,329; Feb. 27.
Thexton & Wright Ltd., London, England, and New York, N. Y. Men's ready-made clothing. 160,310; Feb. 13.
Thieme Brothers Company, Fort Wayne, Ind. Hosiery. 180,632; Sept. 11.
Thlinket Packing Company, Portland, Oreg., and Funter Bay, Alaska. Canned salmon. 113,333; Feb. 6.
Thoma, Otto, doing business as Columbia Products Company, St. Louis, Mo. Malt extract for food purposes. 179,240; Sept. 25.
Thoma, Otto, doing business as Columbia Products Company, St. Louis, Mo. Malt extract. 179,241; July 10.
Thoma & Son, Inc., Fairfield, Iowa. Automobile sunbeam visor. 158,460; Mar. 13.
Thoma & Son Inc., Fairfield, Iowa. Window glass, glare shields of glass. 182,188; Sept. 25.
Thomas-Body Co., Oakland, Calif. Canned fruits. 173,792; Apr. 24.
Thomas-Boyce Direct Feed Company, Attica, N. Y. Poultry, scratch, chicken, hog, dairy, and horse feed, calf meal, egg mash, etc. 165,895; May 1.
Thomas Chemical Co. (See Walker, W. & H., Inc.)
Thomas, D. W., Incorporated, Seattle, Wash. Artificial pearls. 179,975; July 10.
Thomas, Elizabeth M., doing business as E. M. Thomas Company, St. Louis, Mo. Ladies' and misses' dresses. 179,688; July 10.
Thomas, E. M., Bessemer, Ala. Medicine for rheumatism, indigestion, etc. 184,875; Dec. 18.
Thomas, Howard D., doing business as Howard D. Thomas Co., Seattle, Wash. Windshield cleaners of the squeegee type. 180,153; Aug. 28.
Thomas, Lillian S., doing business as Froidevaux Cie., New York, N. Y. Bath salts. 184,628; Dec. 4.
Thompson, A., Co., The, Amsterdam, N. Y. Hosiery, knitted underwear, sweaters. 172,779–85; May 22.
Thompson, Albert H., doing business as Mari Valda Beauty Products Co., San Francisco, Calif. Beauty paste and hair tonic. 173,219; Aug. 14.
Thompson-Barlow Company, Inc., The, assignor to El Zair, Inc., New York, N. Y. External lotion. 179,752; Aug. 21.
Thompson-Barlow Company, Inc., The, New York, N. Y. Arch supports, foot cushions, heel cushions, foot pads, and insoles for boots and shoes. 181,707; Aug. 28.
Thompson-Barlow Company, Inc., The, New York, N. Y. Medicinal preparation for the treatment of obesity. 183,458; Nov. 20.
Thompson, George K., Boston, Mass. Radio receivers, head sets, loud speakers, phonograph adapters, etc. 179,630; Aug. 21.
Thompson, James, & Co., New York, N. Y. Netted or wide-mesh fabrics. 179,631; July 3.
Thompson, John R., Co., Chicago, Ill. Canned goods. 175,030; Aug. 21.
Thompson, John R., Co., Chicago, Ill. Canned vegetables. 175,031; June 5.
Thompson, Joseph, Sioux City, Iowa. Hair dressing. 177,334; June 12.
Thompson, Mary E., Cleveland, Ohio. Hair preparations. 177,246; Nov. 20.
Thompson Medical Co., Titusville, Pa. Medicinal preparation of tonic and laxative properties. 171,046; Mar. 27.
Thompson Milling Co., Lockport, N. Y. Wheat flour. 159,543; Mar. 20.
Thompson Milling Co., Lockport, N. Y. Wheat flour. 160,727; Mar. 20.
Thompson Milling Company, Lockport, N. Y. Wheat flour. 169,991; Feb. 27.
Thompson Milling Company, Lockport, N. Y. Wheat flour. 173,451; Nov. 6.
Thompson, Zola, doing business as Crystal Chemical Co., San Francisco, Calif. Wax for polishing floors, furniture, woodwork, etc. 182,552; Oct. 2.
Thomsen, August, & Co., Ridgewood, New York, N. Y. Cake-ornamenting and tin pastry tubes, cake-ornamenting sets, etc. 185,389; Oct. 30.
Thomsen Company, The, Waco, Tex. Shoe dressings. 167,927; Sept. 25.
Thomson, Edith C., East Orange, N. J. Candy. 169,144; Mar. 6.
Thomson Wood Finishing Co., The, Philadelphia, Pa. Paints, enamels, varnishes, etc. 181,873; Oct. 2.
Thorburn, Henry C., doing business as Drug Products, Inc., Atlanta, Ga. Pharmaceutical preparation. 185,193; Nov. 13.
Thornley and Booth Limited, Hyde, England. Socks for boots and shoes. 174,643; June 19.
Thornycroft, John I., & Co. Limited, Westminster and London, England. Steam and internal-combustion engines. 179,385; Aug. 7.
Three-In-One Lantern Company. (See Cole, Albert J.)
'3 W" Powder Company, Los Angeles, Calif. Washing powder. 170,307; June 26.
Thrift Selling Service Co., The, Columbus, Ohio. Toy banks. 174,496; Mar. 13.
Thurman, William H., Van Buren, Ark. Mineral water. 175,415; May 29.
Thurston, W. Harris, & Co. Inc., New York, N. Y. Shirtings. 160,100; July 17.
Thurston, W. Harris, & Co. Inc., New York, N. Y. Cotton piece goods. 183,423; Sept. 25.
Thyro-Logen Laboratories, Inc., Los Angeles, Calif. Halogen-bearing food for the thyroid gland. 181,576; Nov. 20.
Tidewater Chemical Company, New York, N. Y. Chemicals, colors, and fillers. 179,242; Dec. 18.
Tiedemann, Theo., & Sons, Inc., New York, N. Y. Piece goods for casket linings and trimmings. 151,725; Mar. 6.
Tierney, Laurence E., Fuel Company, Bluefield, W. Va. Coal. 184,194; Nov. 13.
Tietjen, George D., doing business as Kleen Products Co., Hasbrouck Heights, N. J. Germicide scalp cleanser. 169,459; Mar. 6.
Tillman, Octina A., Cape May, N. J. Shampoo preparation, massage cream, preparation for treatment of the hair. 160,643; July 31.
Tilton & Keeler, Inc., New York, N. Y. Silk and cotton crêpe in the piece. 177,149; June 19.
Timber Truss Co. of America, New York, N. Y. Ring dowels. 163,365–6; Feb. 6.
Timberlake, Paul J., Jackson, Mich. Swimming appliances. 166,921; Jan. 2.
Times Printing Company of Seattle, Seattle, Wash. Column of news in newspapers. 175,416; May 22.
Times Printing Company of Seattle, Seattle, Wash. Column of news in its newspaper. 175,416; July 31.
Times Printing Company of Seattle, Seattle, Wash. Newspaper supplement. 177,704–5; May 22.

Timing Gears Corporation, Chicago, Ill. Gears. 179,892; Aug. 14.
Timken Roller Bearing Company, The, Canton, Ohio. Roller bearings and parts thereof. 175,278; May 1.
Timson, Frederick H., Boston, Mass. Gaiters of leather, fabric, and combination. 169,731; Apr. 3.
Tin Decorating Company of Baltimore. (See Johnson, William H., assignor.)
Tin Decorating Company of Baltimore, The, Baltimore, Md. Receptacle for gloves, handkerchiefs, lingerie, and sewing materials. 160,165; Apr. 3.
Tin Decorating Company of Baltimore, The, Baltimore, Md. Boxes or receptacles of various shapes and sizes. 172,619; Mar. 20.
Tin Decorating Company of Baltimore, The, Baltimore, Md. Mechanical and other toys. 179,068; July 31.
Tingue, Brown & Co., New York, N. Y. Cotton sheeting for covering the padding on ironing rolls. 170,166; Jan. 23.
Tingue, Brown & Co., New York, N. Y. Cotton sheeting, knitted padding, netting, and canvas and duck piece goods. 170,167; Jan. 30.
Tingue, Brown & Co., New York, N. Y. Felt piece goods. 173,153; Feb. 27.
Tingue, Brown & Co., New York, N. Y. Laundry bags. 174,758; Apr. 3.
Tingue, Brown & Co., New York, N. Y. Woven cotton feed ribbons for laundry machines. 175,532; Oct. 2.
Tingue Manufacturing Company, Seymour, Conn., and New York, N. Y. Textile fabrics—namely, fabrics of silk and worsted for women's wear. 170,102; Jan. 30.
Tingue Manufacturing Company, Seymour, Conn., and New York, N. Y. Woven pile fabrics of mohair. 183,895; Oct. 2.
Tinnerman, A. H., doing business as Tinnerman Stove & Range Co., Cleveland, Ohio. Gas and combination coal and gas ranges and gas and coal heaters. 169,261; Apr. 10.
Tioga Mill & Elevator Co., Waverly, N. Y. Poultry feed. 173,687; May 8.
Tip Top Baking Co., Louisville, Ky. Bread. 171,558; Mar. 13.
Tipton Fruit Growers Assn., Tipton, Calif. Fresh grapes. 185,731; Nov. 13.
Tissue Co., The, Saugerties, N. Y. Crepe paper. 172,066; Jan. 16.
Tissue Company, The, Saugerties, N. Y. Crêpe paper. 177,150; May 15.
Tissue Company, The, Saugerties, N. Y. Embossed napkins. 183,808; Oct. 30.
Tissue Company, The, Saugerties, N. Y. Paper napkins. 183,896; Oct. 16.
Tissuepkt Underwear Company, Indianapolis, Ind. Underwear. 180,565; Nov. 6.
Titanium Pigment Company, Inc., Niagara Falls, N. Y. Soap, glass and metal polishes, and abrader preparations. 173,110; May 15.
Titanium Pigment Company Inc., Niagara Falls. N. Y. Paints, whether dry, paste, or ready mixed. 173,111; Feb. 27.
Titze and Fortkamp Company, South Milwaukee, Wis. Fruit preserves, jellies, and other canned fruit products. 172,620; May 8.
Toasted Alaskas Corporation of America (Limited), Wilmington, Del., and Muskogee, Okla. Electric ovens for the toasting of ice cream. 162,592; Nov. 20.
Tobacco Products Corporation, New York, N. Y. Cigarettes. 174,371; Feb. 27.
Tobacco Products Corporation, New York, N. Y. Cigarettes. 183,459; Sept. 11.
Tobin Chemical Co. (See Tobin, David.)
Tobin, David, doing business as Tobin Chemical Co., Boston, Mass. Stove polish. 170,316; Feb. 6.
Tobrin Tool Company, The, Plantsville, Conn. Cold chisels, pipe wrenches, and screw drivers. 187,885; Dec. 18.
Toch Brothers, Incorporated. (See Toch Brothers, assignors.)
Toch Brothers, assignors to Toch Brothers, Incorporated, New York, N. Y. Ready-mixed paints and paint enamels. 161,590–1; Nov. 13.
Toch Brothers, New York, N. Y. Ready-mixed paints, varnishes, and enamel paints. 161,594; Dec. 25.
Toch Brothers, Incorporated, New York, N. Y. Liquid paint. 177,251; May 8.
Toch Brothers, Incorporated, New York, N. Y. Flat-white coatings for use on plastered walls. 183,128; Sept. 4.
Todd, Clarence S., doing business as Todd Drain-A-Tub, Kansas City, Mo. Rinsing and bluing tubs. 176,295; June 12.
Toewear Hosiery Incorporated, Norristown, Pa. Hosiery. 148,774; May 8.
Tofias, Julius & Bro., Boston, Mass. Hats for women. 165,898; May 29.
Toilet Products "A" Company, New York, N. Y. Bayrum. 169,230; Jan. 30.
Tokheim Oil Tank & Pump Co., Fort Wayne, Ind. Oil and gasoline measuring pumps. 183,323; Oct. 30.
Toledo Dental Supply Co., The. (See Voigt, William A.)
Toledo Scale Company, Jersey City, N. J., and Toledo, Ohio. Page in a publication. 174,115; Apr. 17.
Toledo Steel Products Co., The, Toledo, Ohio. Poppet valves. 168,991; Apr. 17.
Tol-O-Nite Remedy Co. (See Mason, Judson T.)
Tomacelli, Maria, doing business as Sig Chemical Co., New York, N. Y. Shampoo for the hair. 182,942; Dec. 18.
Tomlinson, George E., Winchester, Ky. Take-down tables 173,943; May 1.
Tom's Cove Salt Sea Oyster Co. (See Field, Samuel B.)
Tongue-Tyer Clip Co., The, Bristol, Conn. Clips. 187,970; Dec. 25.
Tonsitol Laboratories. (See Bariscillo, John J.)
Tonsone Co., The. (See Smith, R. Blackwell.)
Toomey, D. J., Produce Co., Spearfish, S. D., and Newcastle, Wyo. White and graham flour. 174,188; June 5.
Toops, Noble C., doing business as Toops Bros., Chicago, Ill. Scissors. 162,218; Sept. 18.
To-Rain-On Products Co. (Not Inc.). (See Reuben, Henry.)
Torbay & Dart Paint Co. Limited, The. Waterproofing compound for cement. 169,692; June 19.
Torrey, Julia W., New York, N. Y. Toy dolls and animals. 173,907; May 29.
Torsion Test Piston Ring Corporation, Newark, N. J. Piston rings. 179,894; July 31.
Tosse, E., & Co. Inc., New York, N. Y. Preparation for syphilis and diseases of the skin. 178,577–8; Aug. 7.
Touchet Valley Apple Co., Waitsburg, Wash. Fresh apples. 180,908–9; Aug. 21.
Tourist Handbook Pub. Co., Ames, Iowa. Motorist publication, which publication is published once a year. 179,386; Aug. 7.
Tourists Pride Mfg. Co. (See Fuchs, Joseph J.)
Towner, Orrin W., doing business as Two Laboratories, Kansas City, Mo. Radio detectors of the crystal type. 174,947; Mar. 27.
Townley Metal and Hardware Company, Kansas City, Mo. Carpenters' pencils. 185,633; Oct. 23.
Townsend-Adams Oil Co. (See Paluszek, Adam J.)
Townsend, E. M., & Co., New York, N. Y. Hosiery. 172,132; Aug. 7.
Townsend, Glenn Q., doing business as Hoody Peanut Butter Co., Portland, Oreg. Peanut butter and salted peanuts. 164,280; Feb. 6.
Townsend, Glenn, doing business as Nut Lunch Company, Portland, Oreg. Peanut butter. 167,855; May 8.
Tozer, Beatrice C. A., London, England. Face creams, lotions, rouges, etc. 175,576; Oct. 9.
Trabulsi, Philip, doing business as Trabulsi Knit Fabric Co., New York, N. Y. Knitted cravats. 177,151; June 26.
Trachtenberg, Harry, doing business as Arion Shirt Company, New York, N. Y. Men's dress, negligee, and work shirts. 170,226; May 22.
Traer, Will M., Jacksonville, Fla. Magazine. 174,040; Aug. 21.
Traffic Control, Incorporated, Milwaukee, Wis. Traffic lights. 175,417; May 8.
Tramsak, John, Cleveland, Ohio. Preparation for the treatment of tuberculosis. 177,026; July 24.
Transloid Products Co., The, Danbury, Conn. Transparent and translucent sheets having a gelatin or casein base. 185,268; Dec. 25.
Traub's, H., Sons, Savannah, Ga. Canned tomatoes. 174,710; Dec. 18.
Trautman, C., & Company, Cincinnati, Ohio. Leather. 186,303; Dec. 4.
Travel-Right Co., The. (See Schroyer, Howard R., assignor.)
Travers, John F., Shoe Co., Boston, Mass. Shoes. 173,734; May 8.
Travis, Mrs. May B., Peekskill, N. Y. External medicine for application to boils, carbuncles, abscesses, etc. 164,014; Jan. 23.
Travis, Romaine & Jellé, Inc., New York, N. Y. Silk, artificial silk, wool piece goods and combinations thereof. 174,543; May 29.
Travis, Romaine & Jellé, Inc., New York, N. Y. Silk, cotton, etc., piece goods and combinations thereof. 174,544; May 22.
Travis, Romaine & Jellé, Inc., New York, N. Y. Silk, artificial-silk, cotton, and wool piece goods and combinations thereof. 174,545; Apr. 24.
Travis, Romaine & Jelle, Inc., New York, N. Y. Silk crapes in the piece. 186,305; Dec. 11.
Treat, Clifford W., doing business as George W. Smith Co., Bennington, Vt. Maple sirup. 172,021; May 8.
Treat, Robert, Shirt Manufacturing Co., Newark, N. J. Dress, negligee, and plaited shirts. 166,584; Jan. 2.
Trebor Manufacturing Co., New York, N. Y. Lamp-cord. 173,056; Feb. 20.
Treco Metal Products Corporation, New York, N. Y. Wrenches, chisels, hammers, gears, etc. 154,771; Feb. 27.
Tree Lovers Association of America, Aurora, Ill. Monthly periodical. 179,015; June 26.
Treinies, Evelyn H., Portland, Oreg. Manual facial massaging or tapping device. 185,061; Nov. 27.
Tremont & Suffolk Mills, Lowell, Mass. Cotton piece goods. 180,566; Aug. 21.
Trenton Milling Co., Trenton, Ill. Wheat flour. 162,148; July 31.
Trenton Milling Company, Trenton, Ill. Self-rising wheat flour. 182,729; Oct. 2.

Alphabetical list of trade-mark applicants—Continued.

Treo Company, Inc., New York, N. Y. Ladies' hose supporters, corsets, girdles, and brassières. 166,417; Jan. 2.
Tress Laboratories. (See Pound, George H.)
Triangle Electro Trading Company, New York, N. Y. Radiotelephone receivers and radio sets and parts of radio sets. 169,732; Jan. 23.
Tribune Company, The, Chicago, Ill. Weekly magazine supplement. 166,412; Sept. 11.
Tribune Company, The, Chicago, Ill. Heading for a newspaper column. 166,413; July 31.
Tribune Company, The, Chicago, Ill. Weekly supplement for a newspaper magazine. 169,992; Dec. 11.
Tribune Company, The, Chicago, Ill. Newspaper and newspaper supplements published daily. 177,706; May 22.
Tribune Company, The, Chicago, Ill. Newspaper and newspaper supplements published weekly. 177,707; May 29.
Tricco Chemical Co. (See Garrett, Ralph C.)
Trichitone Laboratories. (See Askinn, Morris H.)
Trico Products Corporation, Buffalo, N. Y. Windshield cleaners. 170,909; Feb. 6.
Trico Products Corporation, Buffalo, N. Y. Mirrors for vehicles, windshield wings, shock absorbers, etc. 170,910; Apr. 3.
Trico Products Corporation, Buffalo, N. Y. Windshield cleaners. 170,911–12; Jan. 2.
Trident Traders, Inc., New York, N. Y. Animal products—namely, wool, hides, and skins. 182,021; Oct. 16.
Trigg, Wade H., doing business as Sta-Bak Makers, Aberdeen, S. Dak. Hair tonic, hair dressing, and dandruff remover. 184,774; Dec. 18.
Triner, Joseph, Company, Chicago, Ill. Preparation for the extermination of flies and mosquitoes. 182,627; Oct. 30.
Triner, Joseph, Company, Chicago, Ill. Laxative chewing gum. 182,628; Oct. 30.
Trinner, John, New York, N. Y. Ladies' hats. 168,696; Jan. 30.
Triple S Service Corporation, Denver, Colo. Granular or powdered antiseptic cleanser for the toilet. 174,370; July 3.
Tristate Baking Co., Flint, Mich. Edible rolls. 169,103; Apr. 3.
Tri-State Vegi Feed Co., Cincinnati, Ohio. Dairy and horse feed. 182,451; Nov. 13.
Triumph Electric Co., The, doing business as The Triumph Ice Machine Co., Oakley, Cincinnati, Ohio. Ice-making and refrigerating machinery and the several parts thereof. 167,210; May 1.
Triumph Hosiery Mills Inc., New York, N. Y. Hosiery. 185,543; Nov. 27.
Triumph Ice Machine Co. (See Triumph Electric Co., The.)
Troco Nut Butter Co., Chicago, Ill. Oleomargarine. 178,782; Nov. 20.
Trojalene Oil Company. (See Quinn, Geo. W.)
Trojan Middy Co., Inc., Troy, N. Y. Middies, smocks, and children's dresses. 176,582; June 19.
Trolley Supply Co., The, Massillon, Ohio. Gas heaters. 186,532; Dec. 18.
Tromba, Marius H., doing business as Paramount Lens Corporation, Brooklyn, N. Y. Photographic projecting and optical lenses. 162,327; Apr. 10.
Trommsdorff, H. (See Lageman, Clemens.)
Tropical Date Company, The, Thermal, Calif. Dates. 185,681; Nov. 13.
Tropical Worsted Company, Inc., New York, N. Y. Tropical worsted piece goods. 169,836; Mar. 27.
Tropico Potteries, Inc., Glendale, Calif. Sewer pipe and tile except metal and porcelain. 169,097; Jan. 30.
Trostel, Albert O., Milwaukee, Wis. Leather. 167,274; Mar. 27.
Trotman, Henry L., & Co. (See Trotman, Henry L.)
Trotman, Henry L., doing business as Henry L. Trotman & Co., Cleveland, Ohio. Hair elixirs, growers, brilliantines, straighteners, and shampoos. 171,394; Mar. 20.
Trotsky, Isadore, doing business as Sanitary Hair Company, Providence, R. I. Hair nets. 182,452; Sept. 25.
Trowbridge, Archibald L., Detroit, Mich. Bridge score sheets and pads. 173,452; Feb. 20.
Troy Milk Products Company, East Troy, Wis. Ice-cream mix. 167,742; Feb. 27.
Tru-Blu Products Co., New Florence, Pa. Compound for cleaning rugs, carpets, canvas, upholstery, etc. 165,837; Jan. 2.
Truscon Steel Company, Youngstown, Ohio. Certain articles of foundry equipment. 167,697; Mar. 20.
Truscon Steel Company, doing business as The Truscon Laboratories, Detroit, Mich. Paint, oil, oleo-resinous and varnish enamels, stains, etc. 179,244; Dec. 11.
Tru-Way Razor Company, The, Pittsburgh, Pa. Razor and razor blades. 168,228; Jan. 23.
Tryalax Manufacturing Co., Philadelphia, Pa. Medicinal preparation for the stomach and nerves. 181,790; Nov. 6.
Try-Me Radiator Cement Company, Denver, Colo. Radiator cement. 173,866; May 8.
Tryon Mills of Vermont, Bennington, Vt. Men's undershirts, underdrawers, and union suits. 177,636; Aug. 7.
Tryon Mills of Vermont, Bennington, Vt. Undershirts, underdrawers, and union suits. 177,930; Aug. 14.
Tryon Toy-Makers. (See Vance, Eleanor P., and Charlotte L. Yale.)
Tsout Remedy Co. (See Holzman, Samuel.)
Tsuchiya, Inosuke, San Francisco, Calif. Bamboo rakes. 173,308; Feb. 27.
Tsukalas, Nicholas, doing business as Self-Expression Publishing Company, Battle Creek, Mich. Magazines published monthly. 171,143; Feb. 27.
Tubetite Manufacturing Company. (See Crumley, C. V.)
Tubular Woven Fabric Company, Pawtucket, R. I. Rubber-covered wire and cords, both for electrical purposes. 166,154; May 29.
Tubular Woven Fabric Company, Pawtucket, R. I. Protective covering for electrical wires. 170,913; Apr. 3.
Tubular Woven Fabric Company, Pawtucket, R. I. Flexible electrical conduits and insulated electrical conductors. 186,763; Dec. 4.
Tuckett, H. A., Company, Salt Lake City, Utah. Spices, flavoring essences for food, extracts, etc. 162,075; June 5.
Tullidge, George B., Philadelphia, Pa. Castor-oil compound. 177,931; Aug. 7.
Tully, Michael P., doing business as Atex Mills, New York, N. Y. Nainsook athletic underwear. 166,542; May 8.
Tump, Paul, Milwaukee, Wis. Cleaning powder. 174,644; May 29.
Turck, Lewis A., Hornell, N. Y. Cake icing. 183,179; Oct. 30.
Turgeon, Joseph A., Providence, R. I. Tool handles. 185,324; Oct. 30.
Turner, Earl W., doing business as Turner Mfg. Co., Kokomo, Ind. Spark timers for internal-combustion engines. 173,302; Mar. 6.
Turner, Halsey Co., New York, N. Y. Cotton piece goods. 174,158; June 19.
Turner Mfg. Co. (See Turner, Earl W.)
Turner, Roy J., Chicago, Ill. Writing pads, game score cards, tabulating pads, computing pads, etc. 179,895; Aug. 28.
Turner & Seymour Manufacturing Co., The, Torrington, Conn. Egg beaters. 178,580; July 10.
Turner & Seymour Manufacturing Co., The, Torrington, Conn. Furniture slides. 181,922; Sept. 18.
Turner & Seymour Manufacturing Company, The, Torrington, Conn. Metal curtain rods. 180,456; July 24.
Turner & Walls, New York, N. Y. Silks, cotton, wool, and mixtures thereof in the piece and shirtings in the piece. 176,928; May 29.
Turner & Walls, New York, N. Y. All-cotton, or silk and cotton, or silk and wool piece goods. 186,257; Dec. 18.
Tuska, C. D., Company, The, Hartford, Conn. Radio apparatus. 171,109; Jan. 23.
Tut Manufacturing Company. (See Vaughan, Mabel E.)
Tut Manufacturing Company, Los Angeles, Calif. Dolls. 178,885; June 19.
Tutelman & Kohn, Philadelphia, Pa. Shirts. 186,248; Dec. 18.
Tuttle, William S., doing business as Tuttle Law Print, Rutland, Vt. Filing envelopes and manuscript covers. 183,324; Dec. 25.
Tuuri, Matti, Fairport Harbor, Ohio. Cakes. 173,015; Nov. 6.
Tuxedo Shirt Co. Inc., New York, N. Y. Dress, negligee, and work shirts. 173,944; June 19.
Tuxedo Shirt Co. Inc., New York, N. Y. Men's shirts. 174,679; July 31.
Twaits, Norma A., Jersey City, N. J. Marmalade and jellies. 165,169; Aug. 28.
Tween-Meal Products Co. (See Wilcox, Edgar A.)
Twellsick, Gustaf, doing business as August Reutershan, Solingen, Germany. Tin openers, corkscrews, etc. 164,843; July 10.
Twin Falls County Potato Growers Inc., Twin Falls, Idaho. Fresh potatoes. 170,103; Mar. 13.
Twin Piston Ring Corporation, West Orange, N. J. Piston rings. 162,699; Aug. 21.
Two Laboratories. (See Towner, Orrin W.)
Twohy-Smith Company, Superior, Wis. Dried fruits, canned vegetables, peanut butter, etc. 176,809–10; Sept. 4.
Twombly, Edna G., administratrix of the estate of Dr. James Twombly, Stoughton, Mass. Tonic for the nervous system. 171,341; Apr. 24.
Tycer, Warren I., Roseville, Ohio. Earthenware utensils. 180,088; July 31.
Tyer Rubber Company, Andover, Mass. Balls. 181,966; Dec. 4.
Tyler Chemical Co., Inc., Pawtucket, R. I. Gelatin preparation for making desserts. 182,553; Nov. 13.
Tyler, F. J., Bethel, Me. Canned fruits and vegetables. 162,328; Apr. 24.
Tyler, R. B., Co., Louisville, Ky. Stucco material for exterior and interior use. 165,101; Jan. 9.
Typke & King, Ltd., Micham Common, Surrey, England. Antimony, cadmium sulphides, arsenic sulphides, chrome exides, etc. 165,168; Apr. 24.
Tyree, Josiah S., Washington, D. C. Medicinal powders for internal use. 161,460; Feb. 13.
Tyroler, Joseph, New York, N. Y. Picture-projection lamps and parts thereof. 182,524; Oct. 2.

Tzifakis, Andrew E., doing business as The Hermo Products Company, New York, N. Y. Castile soap. 187,701; Dec. 25.
U. R. S. Candy Stores, Inc., Long Island City, N. Y. Candy. 154,675; Mar. 27.
U. R. S. Candy Stores, Inc., doing business as United Happiness Candy Stores, Long Island City, N. Y. Candy. 162,594; May 1.
U. R. S. Candy Stores, Inc., New York, N. Y. Candy. 168,502; Apr. 24.
U. S. Bedding Company, Memphis, Tenn. Beds, bed springs, and mattresses. 179,246; Aug. 28.
U. S. Distribution Co., Saginaw, Mich. Sheet rubber and textile rubber patches. 179,175; Oct. 9.
U. S. Hame Company, Buffalo, N. Y. Hame trimmings and saddlery hardware. 178,311; May 29.
U. S. Hame Company, Buffalo, N. Y. Hames, hame trimmings, and saddlery hardware. 178,312–13; May 15.
U. S. Hame Company, Buffalo, N. Y. Hame attachments. 178,481; May 29.
U. S. Hame Company, Buffalo, N. Y.; Chicago, Ill.; Cleveland, Ohio; and Detroit, Mich. Commercial-motor-vehicle bodies. 180,633; Oct. 23.
U. S. Industrial Chemical Co., Baltimore, Md. Fertilizers. 141,284; Sept. 4.
U. S. Leather Goods Company, Chicago, Ill. Pocketbooks, bill folds, cardcases, etc. 173,455; May 8.
U. S. Manufacturing Corporation, Decatur, Ill. Implements for killing and disabling insects, flies, and the like. 172,453; June 5.
U. S. Manufacturing Corporation, Decatur, Ill. Fly swatters. 175,686–8; June 5.
U. S. Mop Company, Inc., The, Toledo, Ohio. Floor mops, hand dusters, floor dusters, wall brushes. 150,170; Oct. 2.
U. S. Oil Company, Providence, R. I. Lubricating oils and greases. 175,114; Nov. 27.
U. S. Oil & Supply Co., Providence, R. I. Lubricating greases. 148,904; Mar. 20.
U. S. Paper Goods Co., The, Cincinnati, Ohio. Paper bags. 180,911; Sept. 4.
U. S. Pure Drug Laboratories, Cincinnati, Ohio. Powdered alum, boric acid, powdered borax, camphorated oil, etc. 183,130; Nov. 13.
U. S. Radio Company, St. Louis, Mo. Plugs for connecting a radio receiving set to an electric-light circuit. 183,865; Nov. 20.
U. S. Sanitary Specialties Corporation, Chicago, Ill. Scrubbing compound. 173,542; Sept. 25.
U. S. Sanitary Specialties Corporation, Chicago, Ill. Soap. 173,543; Oct. 30.
U. S. Sanitary Specialties Corporation, Chicago, Ill. Deodorant and disinfectant. 173,544; May 1.
U. S. Sanitary Specialties Corporation, Chicago, Ill. Soap. 173,545; Sept. 25.
U. S. Sanitary Specialties Corporation, Chicago, Ill. Compound for cleaning surfaces of wood, metal, etc. 175,535; Nov. 20.
U. S. Sanitary Specialties Corporation, Chicago, Ill. Deodorant and disinfectant. 185,732; Dec. 11.
U. S. Sewing Thread Co. (See Chertoff, N., Inc.)
U. S. Tool Company, Inc., Newark, N. Y. Apparatus and appurtenances used in radiotelephony. 178,783; June 26.
Ubiko Milling Company, The, Cincinnati, Ohio. Stock feed. 165,900; Aug. 21.
Ubiko Milling Company, The, Cincinnati, Ohio. Stock and poultry foods. 165,902; Aug. 7.
Ucoline Products Co. (See Davis, Paul P.)
Udell Works, The, Indianapolis, Ind. Ironing boards and stands and drying racks. 169,610; Feb. 13.
Udell Works, The, Indianapolis, Ind. Talking-machine record cabinets, talking-machine cabinets, radio and player-piano-roll cabinets. 171,110; Jan. 30.
Uhry, Edmund, New York, N. Y. Ladies' trimmed and tailored hats. 167,276; Jan. 9.
Uklean Co., Los Angeles, Calif. Jewelry-cleaning outfit. 171,237; Mar. 6.
Ullman-Jessel, Inc., New York, N. Y. Ladies' and misses' dresses. 154,774; Oct. 30.
Ullman, Sigmund Company, New York, N. Y. Inks, blacks, etc. 156,473; July 24.
Ulmann, Bernard, Co. Inc., New York, N. Y. Art-needlework package. 179,286; Aug. 7.
Ulmann, Bernhard, Co. Inc., New York, N. Y. Yarns for knitting, etc. 176,376; June 12.
Ulmann, Bernhard, Co. Inc., New York, N. Y. Yarns. 176,377; Nov. 13.
Ulmann, Bernhard, Co. Inc., New York, N. Y. Hand-knitting wool yarns. 176,381; Nov. 13.
Ulmann, Bernhard, Co. Inc., New York, N. Y. Yarn, thread for art needlework, embroidery, crocheting, etc. 177,421; June 5.
Ulmann, Bernhard, Co. Inc., New York, N. Y. Yarns. 178,149–50; May 8.
Ulmann, Bernhard, Co., Inc., New York, N. Y. Instruction books and similar publications relating to art needlework. 184,697; Nov. 6.
Ulmann, Bernhard, Co. Inc., New York, N. Y. Crocheted and knitted slippers and shoes, dresses, suits, etc. 184,699; Nov. 13.
UMA Medicine Company, Joplin, Mo. Blood-purifying medicine. 165,973; Jan. 2.
Uncas Manufacturing Co., Providence, R. I. Finger rings. 172,786; May 29.
Unchokeable Pump, Limited, London, England. Pumps. 177,252; July 10.
Uncle Wiggily Doll Co., The, New York, N. Y. Dolls simulating animal characters. 179,754; June 19.
Underwood, Frank K., doing business as Underwood Candy Co., Oskaloosa, Iowa. Candy. 170,959; Sept. 25.
Underwood Typewriter Company, New York, N. Y. Typewriting machines and typewriting machine parts. 157,642; Feb. 20.
Ungar, Irwin K., doing business as GlobArtco, Cincinnati, Ohio. Calendars, mailing cards, cut-out novelties. 164,206; Oct. 16.
Ungerbuehler, Albert L., doing business as Cincinnati Brush & Mop Manufacturing Company, Cincinnati, Ohio. Brooms. 183,129. Oct. 2.
Ungerer & Company, Inc., New York, N. Y. Vanillin. 182,275; Oct. 30.
Ungerer & Company, Inc., New York, N. Y. Natural and sympathetic products used for scenting purposes. 184,998; Dec. 4.
Unico Motor Products Corporation, St. Louis, Mo. Piston or packing rings. 166,332; Aug. 14.
Unico Motor Products Corporation, St. Louis, Mo. Piston or packing rings. 166,333; Jan. 30.
Union Asbestos & Rubber Company, Chicago, Ill. Compressed-asbestos-fiber-sheet machinery packing. 165,468. Jan. 30.
Union Bag & Paper Corporation, Jersey, City, N. J., and New York, N. Y. Paper bags. 169,040; Jan. 2.
Union Bakery, Marion, Ohio. Bread. 179,691; Sept. 18.
Union Biscuit Company, St. Louis, Mo. Biscuits, crackers, cake, and cake wafers. 152,661; Nov. 20.
Union Celery Company, Kansas City, Mo. Fresh tomatoes. 166,486; Mar. 6.
Union Construction Company, San Francisco, Calif. Radio sets. 171,670; Feb. 20.
Union Construction Company, San Francisco, Calif. Radio receiving sets and parts thereof. 171,671; Feb. 20.
Union Cutlery Co., Olean, N. Y. Cutlery. 165,514; Feb. 20.
Union Cutlery Co., Olean, N. Y. Razors, pocketknives, and scissors. 171,714; Mar. 20.
Union Cutlery Co., Olean, N. Y. Razors. 175,033; Apr. 17.
Union Cutlery Co. Inc., Olean, N. Y. Knives, razors, and shears. 179,341; Oct. 16.
Union Cutlery Co. Inc., Olean, N. Y. Razor strops and hones. 181,623; Oct. 16.
Union Gas Engine Co., Oakland, Calif. Diesel engines. 184,923; Dec. 11.
Union Hosiery Company. (See Wallach, David.)
Union Macaroni Company, Beaumont, Tex. Macaroni, spaghetti, vermicelli, noodles, and cut macaroni. 163,554; Jan. 30.
Union News Company, The, New York, N. Y. Candies and assorted chocolates. 172,498; May 15.
Union Oil Company of California, Los Angeles, Calif. Petroleum tailings, road, residual, black and fuel oils. 164,782; Feb. 20.
Union Oil Company of California, Los Angeles, Calif. Lubricating oils and gasoline. 172,300; Nov. 6.
Union Oil Company of California, Los Angeles, Calif. Transmission oils and greases. 181,547–8; July 31.
Union Paper & Twine Co., The, Cleveland, Ohio. Wrapping paper. 180,567; Aug. 7.
Union Petroleum Company, Philadelphia, Pa. Oils for heating purposes. 173,453; Feb. 13.
Union Petroleum Company, Philadelphia, Pa. Oil and oiling compositions. 180,990; Aug. 28.
Union Pharmacal Company. (See Schier, Philip.)
Union Pharmacal Company, Kansas City, Mo. Face, finishing, bleaching, cold, vanishing, almond, lemon, and cocoa-butter creams, etc. 177,414; Aug. 14, 1923.
Union Radio Corporation, New York, N. Y. Radio telephone and telegraphic instruments and parts thereof. 162,091; Apr. 24.
Union Special Machine Company, Chicago, Ill. Sewing-machine needles. 185,635; Oct. 30.
Union Steel Products Company, Ltd., The, Albion, Mich. Pie, cooky, and bread rack trucks, proof-box, dough-trough, etc., trucks. 178,008; July 17.
Union Sugar Company, San Francisco, Calif. Beet, cane, and maple sugar. 178,310; July 24.
Unit Construction Company, Philadelphia, Pa. Portable sectional partitions of wood and glass. 152,048–9; May 1.
United Alfalfa Co., Omaha, Nebr. Stock and poultry feed. 162,783–4; June 5.
United Alloy Steel Corporation, New York, N. Y., and Canton, Ohio. Rolled, pressed, and formed channels and L channels for use in building construction. 154,893; Sept. 4.
United Alloy Steel Corporation, New York, N. Y., and Canton, Ohio. Black and galvanized steel, rust-resisting and anticorrosive iron, etc. 154,895; July 31.
United Appliance Company, Jackson, Mich. Electric washing machines. 177,253; Sept. 4.
United Autographic Register Co., Chicago, Ill. Loose-leaf binders and leaves thereof. 169,993; July 24.

Alphabetical list of trade-mark applicants—Continued.

United Beverage Products Company, Chicago, Ill. Sirups and beverages sold as soft drinks. 183,726; Nov. 20.
United Brush Manufactories, New York, N. Y. Artists' paintbrushes. 185,390; Oct. 16.
United Business Equipment Co., Boston, Mass. Folders, cards, guides, stationery, etc. 180,910; Aug. 21.
United Chemical Companies, Kansas City, Mo. Cleanser, disinfectant, and deodorizer. 174,546; June 5.
United Chemical Companies, Kansas City, Mo. Preparation for cleansing and bleaching toilet bowls. 180,726; Oct. 16.
United Chemical and Organic Products Co., Chicago, Ill. Gelatin. 182,189; Oct. 9.
United Chemical and Organic Products Co., Chicago, Ill. Steam bone mineral meal. 182,190. Oct. 2.
United Chemical and Organic Products Co., Chicago, Ill. Hog feed and meal. 182,191; Oct. 2.
United Cigar Stores Company of America, Jersey City, N. J., and New York, N. Y. Candies and chocolates. 166,613; Mar 6.
United Cigar Stores Company of America, Jersey City, N. J., and New York, N. Y., assignor to United Retail Chemists Corporation, New York, N. Y. Fruit beverage sold as a soft drink. 171,672; Feb. 20.
United Confectioners Supply Co., New York, N. Y. Flavors for food, marshmallow topping, etc. 158,906; May 8.
United Dairy Association. (See Bradner Condensed Milk Co., assignor.)
United Drug Company, Boston, Mass. Perfume extract, toilet water, cleansing and vanishing cream. 170,049; Feb. 13.
United Drug Company, doing business as Langlois, Boston, Mass. Perfumes, toilet waters, complexion powders, etc. 173,793; May 29.
United Electrical Manufacturing Co., Adrian, Mich. Electrical motor horns. 172,787; Mar. 27.
United Extract Company. (See Cohen, Leon.)
United Fig & Date Co., The, Chicago, Ill. Nuts and nut products. 157,701; July 3.
United Fig & Date Company, The, Chicago, Ill. Brazil nuts in the raw state. 176,298; July 3.
United Food Products Company, The. (See Peacock, William F.)
United Fruit Company, Boston, Mass. Dairy products. 163,242; Aug. 21.
United Fruit Company, Boston, Mass. Dairy products. 163,243; Nov. 20.
United Fruit Company, Boston, Mass. Dairy products. 163,245; Aug. 21.
United Happiness Candy Stores. (See U. R. S. Candy Stores, Inc.)
United Hosiery Mills Corporation, Chattanooga, Tenn. Hosiery. 169,428; June 5.
United Hosiery Mills Corporation, Chattanooga, Tenn. Hosiery. 175,971; Oct. 2.
United Hosiery Mills Corporation, Chattanooga, Tenn. Hosiery. 176,861; June 19.
United Kimono Co. (See Joseph Bros.)
United Lace & Braid Mfg. Co., Cranston, R. I. Shoe, underwear, and blouse lacings, galloons, and braids. 179,897; Aug. 7.
United Marine & Fuel Corporation, New York, N. Y. Lubricating oils. 175,034; Mar. 27.
United Mills Company, Inc., Louisville, Ky. Men's, women's, and children's hosiery. 181,325; Aug. 7.
United Oil Company, Fort Dodge, Iowa. Gasoline, kerosene, naphtha, lubricating oil, distillate gas, oil, etc. 165,574; Feb. 20.
United Oil & Natural Gas Products Corporation, The, Monroe, La. Hydrocarbon black used as a base in the manufacture of paints, varnish, etc. 172,133; Apr. 10.
United Paint-Up Stores, Inc., Reading, Pa. Paste and ready-mixed paints, varnishes, stains, and enamel paints. 172,303; Mar. 20.
United Petroleum Asiatic Company, San Francisco, Calif. Kerosene. 175,281; June 26.
United Piece Dye Works, Lodi, N. J. Dyed, printed, and finished textile fabrics, printed silk, foulards. 177,152; Sept. 25.
United Pure Food Co. (See Strohmeyer & Arpe Company.)
United Retail Chemists Corporation. (See United Cigar Stores Company of America, assignor.)
United Retail Chemists Corporation, New York, N. Y. Tooth paste. 149,039; Mar. 27.
United Retail Chemists Corporation, New York, N. Y. Emulsion of cod-liver oil, sirup of white pine and tar, aspirin, etc. 154,773; Mar. 13.
United Sanitary Products Company Inc., New York, N. Y. Liquid soap. 174,497; Dec. 18.
United Shoe Machinery Corporation, Paterson, N. J., and Boston, Mass. Nails. 179,755; Aug. 7.
United Shoe Machinery Corporation. Paterson, N. J., and Boston, Mass. Nails. 182,024; Aug. 14.
United States Alkali Export Association Inc., New York, N. Y. Caustic soda. 184,009; Dec. 18.
United States Asphalt Refining Company, The, New York, N. Y. Asphalt. 183,425; Nov. 20.
United States Athletic Company. (See Olmsted, Leon A.)
United States Bronze Powder Works, Inc., New York, N. Y. Bronze powders and bronzing liquids. 176,230–1; July 24.
United States Bronze Powder Works, Inc., New York, N. Y. Bronze powder and bronzing liquid. 176,313; May 8.
United States Bung Mfg. Co., The, New York and Brooklyn, N. Y., and Cincinnati, Ohio. Bungs. 162,909; Apr. 24.
United States Envelope Company, Springfield, Mass. Envelopes. 178,581; May 22.
United States Flour Mills Company, New Orleans, La. Hard-wheat flour, soft-wheat flour, and self-rising flour. 167,436–7; Mar. 20.
United States Foil Company, Louisville, Ky. Ice cream. 164,204; July 31.
United States Foil Company, Louisville, Ky. Shredded tin foil for Christmas-tree and other decorative purposes. 166,964; Aug. 21.
United States Gypsum Company, Chicago, Ill. Calcined gypsum, plaster of Paris, wall plaster, gauging plaster. 159,633; Jan. 30.
United States Gypsum Company, Chicago, Ill. Land plaster. 167,588; Oct. 30.
United States Gypsum Company, Chicago, Ill. Calcined gypsum wall plasters. 176,514; June 5.
United States Gypsum Company, Chicago, Ill. Calcined gypsum, stucco, and wall plaster. 176,862; May 29.
United States Gypsum Company, Chicago, Ill. Calcined gypsum stucco and wall plasters. 176,863; Aug. 7.
United States Gypsum Company, Chicago, Ill. Plaster board and plaster wall board. 177,804; May 29.
United States Juvenile Vehicle Co. (See Casey, John T.)
United States Lens Company, The, Wheeling, W. Va. Automobile headlight cover glasses. 173,059; May 8.
United States Metallic Packing Company, The, Philadelphia, Pa. Metallic packing for piston and other rods. 178,009; Aug. 28.
United States Metallic Packing Company, Philadelphia, Pa. Metallic packing for piston and other rods. 178,076; Aug. 28.
United States Music Company, Chicago, Ill. Perforated music rolls. 182,118; Oct. 30.
United States Overall Manufacturing Company, The, Cincinnati, Ohio. Convertible coats. 175,972; June 19.
United States Pencil Co., Philadelphia, Pa. Lead and paper crayon pencils. 166,334; Apr. 10.
United States Playing Card Company, The, East Norwood, Cincinnati, Ohio. Playing cards. 178,536; Aug. 28.
United States Playing Card Company, The. East Norwood, Cincinnati, Ohio. Playing cards. 178,537–9; Aug. 21.
United States Playing Card Company, The, East Norwood, Cincinnati, Ohio. Playing cards. 184,269–71; Oct. 16.
United States Playing Card Company, The, East Norwood, Cincinnati, Ohio. Playing cards. 186,206; Dec. 25.
United States Playing Card Company, The, East Norwood, Cincinnati, Ohio. Playing cards. 187,704; Dec. 25.
United States Portland Cement Company, The, Denver, Colo. Portland cement. 178,642; June 5.
United States Products Corporation, San Francisco, Calif. Canned fruits and vegetables and dried fruit. 164,978; Feb. 20.
United States Products Corporation, San Francisco, Calif. Canned fruit, canned vegetables, canned fish, dried fruit. 164,979; Feb. 27.
United States Products Corporation, San Francisco, Calif. Canned and dried fruits. 166,331; Sept. 25.
United States Products Corporation, San Jose, Calif. Canned fruits, vegetables, and fish. 168,391; Apr. 17.
United States Refractories Co., San Luis Obispo, Calif. Bricks. 177,254; June 5.
United States Remedy Co. (See Cori, John B.)
United States Rubber Company, New Brunswick, N. J., and New York, N. Y. Aprons for icemen. 171,002; May 15.
United States Rubber Company, New Brunswick, N. J., and New York, N. Y. Rubber heels. 171,880; July 31.
United States Rubber Company, New Brunswick, N. J., and New York, N. Y. Coats. 175,580; June 19.
United States Rubber Company, New Brunswick, N. J., and New York, N. Y. Felt slippers. 177,753; Sept.18.
United States Survey Company, Incorporated, Rochester, N. Y. Road maps and printed road guides. 170,800; Nov. 27.
United Trimming Co., New York, N. Y. Fringes, braids, tassels, cords. 169,460; Sept. 25.
United Turkey Red Company, Limited, The, Glasgow, Scotland. Outer garments, headwear, underwear, work, negligee, and dress shirts, and blouses. 162,787; May 22.
United Turkey Red Company Limited, Glasgow, Scotland. Cotton yarns. 165,838; June 19.
United Turkey Red Company Limited, The, Glasgow, Scotland. Cotton goods in the piece. 172,134; June 12.
Universal Engineering Company, Maywood, Ill. Electric light and power plant units for farms, country homes, stores, etc. 172,810; Mar. 27.
Universal Feature and Specialty Company, Chicago, Ill. Books and comic section in daily newspapers. 150,833; May 1.

Universal Feature & Specialty Company, Chicago, Ill. Dolls and puzzle games. 177,344; June 19.
Universal Gypsum Company, Chicago, Ill. Plaster. 184,572; Dec. 18.
Universal Laboratories, Inc., Los Angeles, Calif. Antpoisoning fluid compound. 171,342; Feb. 13.
Universal Mills, Fort Worth, Tex. Stock and poultry feeds and mashes. 180,089–90; Nov. 20.
Universal Mills, Fort Worth, Tex. Scratch feed. 184,008; Dec. 25.
Universal Motor Company, Oshkosh, Wis. Internal-combustion engines and pumping outfits. 171,144; Sept. 25.
Universal Remedies Company, San Francisco, Calif. Stomach tonic. 183,426; Nov. 13.
Universal Theatres Concession Co., Chicago, Ill. Candy. 179,070; July 31.
Universal Theatres Concession Co., Chicago, Ill. Candy. 179,072; July 31.
Universal Wholesale Grocery Co., Chicago, Ill. Canned goods, etc. 174,042; Aug. 28.
Universe Corporation, Chicago, Ill. Refrigerators. 181,156; July 24.
University Pickle Company. (See Maffitt, Ellen W.)
Unkefer, Geo. R., Inc., Chicago, Ill. Oil used in making ready-mixed enamels and paints. 172,135; May 29.
Unné, Ernst, Harrogate, York, England. Apparatus or appliance for massaging the teeth and gums. 178,152; Sept. 4.
Unruh H. P. Co., The, Chanute, Kans. Germicidal remedy for colds, cuts, burns, etc. 155,940; July 10.
Upco Manufacturing and Sales Company, The, Cincinnati, Ohio. Spark timers for internal-combustion engines. 179,017; July 31.
Urban, George Milling Company, Buffalo, N. Y. Poultry feeds. 177,336; Aug. 21.
Urbana Packing Co., The, Urbana, Ohio. Shoulders, hams, lard, and bacon. 165,219; Jan. 30.
Ursone, Joseph, doing business as Little Giant Tow Line Co., Columbus, Ohio. Automobile tow-lines. 178,417; June 19.
U-Sal Company. (See Weaver, George E.)
Usdin, Hyman, doing business as San-It Rubber Company, New York, N. Y. Sanitary belts and shields. 170,598; Jan. 9.
Usinga Disc Corporation, Brooklyn, N. Y. Metal disks for recording the human voice for reproduction upon phonographic machines. 180,251; Aug. 7.
Uswald, Harry, Brooklyn, N. Y. Coats, wraps, capes, and neckpieces. 155,280; June 19.
Uswald, Harry, Brooklyn, N. Y. Fur coats, wraps, capes, and neck pieces. 155,281; June 19.
Uswald, Harry, Brooklyn, N. Y. Fur coats, wraps, capes, and neck-pieces. 155,576; July 17.
Utasal Company, The. (See Zucker, Nathan S.)
Utensils Company, The, Fort Wayne, Ind. Laundry ironing machines. 165,612; Mar. 27.
Utility Fittings Company. (See Brunner, Lamar F.)
Utility Service Association, Chicago, Ill. Toilet-paper cabinets. 157,050; May 29.
V. Mayënburg, Ottamar H., doing business as Laboratorium Leo, Dresden, Germany. Tooth paste and powder, and mouth wash. 156,996; Mar. 27.
V. Mayenburg, Ottomar H., doing business as Laboratorium Leo, Dresden, Germany. Shaving soap. 156,997; May 1.
V-W Ventilator Co., Columbus, Ohio. Window ventilators for buildings, ventilators for sash bars, door panels. 168,229; Jan. 23.
Vacuum Oil Company, New York, N. Y. Petroleum oil. 171,294; Nov. 20.
Vacuum Oil Company, New York, N. Y. Lubricating oils. 182,079; Sept. 4.
Vacuum Water Company, Inc., New York, N. Y. Soda water and beverages sold as soft drinks. 165,646; July 17.
Vail Brothers, Philadelphia, Pa. Pomade for the scalp and hair. 165,048; Mar. 13.
Vail Brothers, doing business as Keystone Perfume Company, Philadelphia, Pa. Bay rum. 168,341; June 5.
Vail Brothers, Philadelphia, Pa. Perfume, toilet water, sachet powder, etc. 185,063; Dec. 4.
Vajada, Joseph, New York, N. Y. Medicinal liquid for lungs and kidney and for healing wounds and sores. 178,886; Aug. 14.
Valecia Evaporated Milk Co., Madison, Wis. Evaporated skimmed milk. 185,941; Dec. 11.
Valentin Blatz Brewing Company, Milwaukee, Wis. Nonalcoholic, maltless, carbonated grape-flavored beverages. 181,724; Aug. 28.
Valentine & Bunker, New York, N. Y. Textile fabrics. 175,630; Apr. 17.
Valentine & Bunker, New York, N. Y. Silk, cotton, and woolen piece goods and mixtures of the same. 177,805; May 1.
Vales, Alberto, Company, New Orleans, La. Soap. 168,591; Jan. 2.
Valiquette, Gilles, Montreal, Quebec, Canada. Rubber treads. 169,339; May 1.
Valley Dairy Products Company, Appleton, Wis. Butter. 180,674; Nov. 13.
Valona Manufacturing Co. (See Wojciechowski, Roman H.)
Van Brunt, W. C., assignor to Empire Hosiery Corporation, New York, N. Y. Hosiery. 154,422; Mar. 6.
Van Camp Packing Company Inc., The, Indianapolis, Ind. Soap. 151,858; Jan. 30.
Van Camp Packing Company, Inc., The, Indianapolis, Ind. Soap. 175,115; Aug. 7.
Van Camp Sea Food Company, Los Angeles, Calif. Canned fish. 171,343; Mar. 27.
Van Camp Sea Food Company, Los Angeles, Calif. Canned olives, grapefruit, pimientos, and spinach. 182,685; Oct. 16.
Van Camp Sea Food Company, Los Angeles, Calif. Canned fish, fruits, vegetables, and olives. 185,165; Dec. 4.
Vance, Eleanor P., and Charlotte L. Yale, doing business as Tryon Toy-Makers, Tryon, N. C. Children's toys. 182,080; Oct. 23.
Vancouver Cedar Mills, Limited, Vancouver, British Columbia, Canada, and Chicago, Ill. Shingles, siding, and finishing lumber. 169,515; Aug. 14.
Vanderbilt, R. T., Company, Inc., New York, N. Y. Chemical compound used as an accelerator in the manufacturing of rubber products to hasten the curing of rubber. 175,631; June 26.
Vanderboget, Frank C., New York, N. Y. Baking powder. 185,269; Dec. 18.
Van der Heyden a Hauzeur, L., Paris, France. Organs, pianos, harps, and parts of such instruments. 147,279; Oct. 9.
Van der Heyden a Hauzeur, L., Paris, France. Organs, pianos, harps, and parts of such instruments. 182,312; Dec. 11.
Vander Koogh, Charles, Plainfield, N. J. Mayonnaise dressing. 145,403; May 8.
Van Der Vygh, Frans, doing business as Hikecut Company, New York, N. Y. Pocket tool knives. 176,343; June 26.
Vander Wheelen, Samuel, New York, N. Y. Preparation for the treatment of rheumatism, lumbago, etc. 183,013; Dec. 11.
Vandewart Company Incorporated, New York, N. Y. Knitted piece goods. 178,784; Aug. 14.
Van Dyk, James, Co., New York, N. Y. Food products. 168,565; Sept. 25.
Van Dyk, James, Co., New York, N. Y. Butter and eggs. 168,566; Sept. 25.
Van Dyk, James, Co., New York, N. Y. Dairy and food products. 172,623; Sept. 25.
Van Dyk, James, Co., New York, N. Y. Coffee substitute. 180,457; Sept. 25.
Van Erp, Arnold, Oakland, Calif. Horse-radish and mustard, jellies, jams, etc. 173,154; June 26.
Van Ess Laboratories, Inc., Chicago, Ill. Massage preparations or tonics for the treatment of the head and scalp. 166,487; May 29.
Van Exen, Arsene J., New York, N. Y. Pearls and precious stones and jewelry in which they are mounted. 168,182; Dec. 11.
Van Gesen, James H., doing business as Mello-Derma Company, Ellensburg, Wash. Lotion or like preparation for chapped hands, etc. 166,156; Dec. 4.
Van Gilder, W. P. (See Van Gilder, William P., and S. E. Ward.)
Van Gilder, William P., and S. E. Ward, doing business as W. P. Van Gilder, also as S. E. Ward, Brunswick, Nebr. Hog remedy for mixed infection, swine plague, or flu. 167,495; Feb. 13.
Van Goodwin, J., doing business as J. V. Goodwin & Co., Charlotte, N. C. Liniment for rheumatism, influenza, coughs, colds, etc. 169,634; Feb. 20.
Vanitie Hat Co. (See Land, Julius.)
Vanity Fair Company, Memphis, Tenn. Face cream, face powder, lip pencil, rouge, shampoo, etc. 180,991; Sept. 18.
Vanity Fair Silk Mills, Reading Pa. Ladies' silk underwear. 147,649; May 8.
Vanity Fair Silk Mills, Reading, Pa. Garment composed of a combination brassière and chemise. 166,420; May 1.
Vanity Fair Silk Mills, Reading, Pa. Vests, bloomers, knickerbockers, drawers, union suits, etc. 167,109; Aug. 14.
Vanity Fair Silk Mills, Reading, Pa. Veils and silk cloth in the piece. 176,583; Aug. 28.
Van Raalte Company Inc., New York, N. Y. Women's underwear. 179,020; Aug. 14.
Van Raalte Company, Inc., New York, N. Y. Hosiery. 179,835; Aug. 28.
Van Sands, Walter, doing business as Vantone Company, New York, N. Y. Phonograph-needle holders for sound boxes. 178,418; Oct. 9.
Van Sands, Walter, doing business as Vantone Company, New York, N. Y. Phonograph-needle holders for sound boxes. 178,482; Oct. 9.
Van Sant, Hiatt and McCutcheon, Oakland, Calif. Confections dispensed in cones. 133,563; Jan. 2.
Vantone Company. (See Van Sands, Walter.)
Van Vleet-Mansfield Drug Co., doing business as La Creole Laboratories, Memphis, Tenn. Creo-clay face pack, hair dressing and tonic, almond lotion, etc. 179,609; Dec. 4.
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Hairbrushes, nailbrushes, toothbrushes, etc. 186,729; Nov. 27.

Alphabetical list of trade-mark applicants—Continued.

Van Wasson Medicine Co., The, Talladega, Ala. Medicine for indigestion, gastritis, etc. 182,887; Dec. 18.
Vapolyptus Co. (See Hottel, Frank C.)
Vapo Products Company, Inc., Sandpoint, Idaho. Rug and carpet cleaning compound and hand cleanser. 169,145; Jan. 30.
Vapor Lubricant Company. (See McComas & Goodwin, assignors.)
Vapo Stove Company, The, Lima, Ohio. Oil stoves. 167,743; Jan. 30.
Vargo Trading Corporation, New York, N. Y. Pure pumice artificial rubbing stone. 186,170; Nov. 20.
Vary Knit Co., Inc., Union Hill, N. J., and New York, N. Y. Woven and knitted cotton, wool, etc., piece goods. 174,348; June 12.
Vary Knit Co., Inc., Union Hill, N. J., and New York, N. Y. Knitted wool and cotton goods in the piece. 179,836; July 3.
Vaughan and Bushnell Manufacturing Company, Chicago, Ill. Handled hammers, hatchets, axes, adzes, and sledges. 170,227; Feb. 27.
Vaughan, Mabel E., doing business as Tut Manufacturing Company, Birmingham, Mich. Beverage sold as a soft drink. 181,625; Aug. 28.
Vaughan-Towle Co., Lynn, Mass. Shoes made wholly or in part of leather. 176,300; Apr. 24.
Vaughn, Edythe E., Bartow, Fla. Medicine for eczema, pyorrhea, and mange. 184,196; Dec. 18.
Vaughn Grocery Company, Winston-Salem, N. C. Coffee. 174,948; July 3.
Vavra, Minerva, doing business as M. Vavra Drug Co., Chicago, Ill. Antiseptic solution used as a medicine. 182,629; Dec. 4.
Vawter, Edgar S., Monroe, La. Medicine for the treatment of stomach, kidney, and liver diseases, an ointment for the treatment of skin diseases. 171,746; Feb. 20.
Vedoe-Peterson Company, Quincy, Mass. Reamers and groove cleaners. 172,454; Feb. 27.
Veenstra Produce Co., Climax, Mich. Butter. 170,452; June 5.
Vegatol Products Company, San Francisco, Calif. Laxative crackers. 137,751; Jan. 30.
Vegetable Exchange of California, Inc., San Francisco, Calif. Fresh asparagus. 185,637; Nov. 13.
Vellguth, Walter A., San Francisco, Calif. Whipped-cream candy. 164,207; Jan. 16.
Velsch & Holtz, Paris, France. Perfumes, toilet waters, eau de Cologne, brilliantine, etc. 185,638; Dec. 11.
Velveeta Cheese Company. (See Schaefer, Max O.)
Velvet Oil Company. (See Cavanaugh, William D.)
Velvet Oil Company, The, Toledo, Ohio. Motor oils. 178,684; May 22.
Velvet Piston Ring Co., Detroit, Mich. Piston rings, belting, hose, machinery packing, and nonmetallic tires. 171,824; May 8.
Velvet Products Company. (See Baumgarten, Emanuel.)
Venesta Limited, London, England. Plywood, veneer, sawed timber, or cork reenforced with sheet metal cemented to surfaces. 180,912; Aug. 7.
Vent, Otto A., Upper Sandusky, Ohio. Eggs and poultry. 161,464; Jan. 30.
Ventlock Company, The. (See Wheelock, Arthur C.)
Venus Packing Co. (See Abbott, Hall & Co.)
Verband der Schweizerischen Stückwaren-Ausrüstanstalten, St. Gall, Switzerland. Cotton fabrics woven and finished in Switzerland. 183,612; Oct. 2.
Verein für Chemische und Metallurgische Produktion, Aussig, Czechoslovakia. Decolorizing charcoal for use for mineral and vegetable oils. 167,372; Mar. 13.
Vereinigte Freiburger Uhrenfabriken A.-G. incl. vorm. Gustav Becker, Freiburg, Germany. Clocks, clock works, and parts thereof. 180,253; Oct. 9.
Vermi-Tox Products Co., Holland, Mich. Insecticide. 169,104; Feb. 20.
Verm-O-Spray Products Co., West Haven, Conn. Chemical preparations for the extermination of insects and rodents. 167,589; Jan. 2.
Vermont Creamery Incorporated, Pawtucket, R. I. Butter, eggs, cheese, lard, maple sugar, maple sirup, peanut butter. 165,903; Mar. 27.
Vermont Maple Syrup Company, Inc., Essex Junction, Vt. Sirup made from cane and maple sugar. 166,117; Mar. 6.
Vernon's, William, Sons & Co., Philadelphia, Pa. Hosiery. 172,788; May 22.
Vernoy Chemical Company. (See Green, William F.)
Vero Indian River Producers Association, Vero, Fla. Fresh citrous fruits. 171,478; May 8.
Vertex Hosiery Mills, Inc., Weissport. Pa. Hosiery. 183,352; Sept. 25.
Ver-Vac Company, The, doing business as The Syrup Products Co., Baltimore, Md. Fruit sirups used for making soft drinks. 161,817; Feb. 6.
Vesper Pharmacal Co. (See Deavy, Thomas R.)
Vestrap Co., The. (See Robinson, Evelyn A.)
Vibro-Dental Products Incorporated, Philadelphia, Pa. Dental cream. 186,259; Dec. 11.
Vickery & Hill Pub. Co., The, Augusta, Me. Monthly magazine. 179,440; Aug. 7.
Victor-American Fuel Company, The, Portland, Me., and Denver, Colo. Coal. 164,472; Apr. 3.
Victor-American Fuel Company, The, Portland, Me., and Denver, Colo. Coal. 164,474; Apr. 17.
Victor-American Fuel Company, The, Portland, Me., and Denver, Colo. Coal. 164,476; Apr. 3.
Victor Radio Corporation, New York, N. Y. Radio apparatus. 172,137; Feb. 20.
Victor Specialty Company. (See Loewenberg, Victor.)
Victoria Pastry Co., San Francisco, Calif. French pastry and cakes, covered with icing, cakes, macaroon tarts. 157,457; Mar. 27.
Victorius, A. V., & Co., New York, N. Y. Hosiery. 185,944; Dec. 4.
Victorsohn, Morris, New York, N. Y. Lever-operated motors. 184,700; Oct. 30.
Victory Manufacturing Co., Niles, Calif. Metal pipe fittings, stopcocks, and double packed stopcocks. 179,565; Oct. 30.
Victory Sparkler & Specialty Co., Elkton, Md. Repeating cap pistols, grasshoppers, and canary songsters. 164,527; Jan. 9.
Victory V Belt Co., Catasauqua, Pa. Link belts. 167,741; Apr. 10.
Vignes-Bombet Grocer Co., Inc., Baton Rouge, La. Wheat flour. 178,645; Sept. 18.
Vigorex Company. (See Whitney, Henry A.)
Viking Specialty Company, Worcester, Mass. Screw drivers, wrenches, and wrench sets. 160,570; Aug. 7.
Vilander, Anna L., New York, N. Y. Petticoat underdrawer. 174,949; Mar. 13.
Vilas, Royal C., Fowl River, Ala. Citrous fruits and nuts. 175,227; July 31.
Viller & Prost, Paris, France. Furniture and automobile polish. 159,449; Apr. 3.
Vincent Drug Company, The, Texarkana, Ark. Preparation for a douche for vaginal disorders. 164,281; Aug. 14.
Vincent, Sidney C., Baltimore, Md. Toy alarm clocks or watches. 174,804; Apr. 10.
Vinco Herb Company. (See Clegg, Sherman D.)
Vinkemulder, Henry J., doing business as The Vinkemulder Co., Grand Rapids, Mich. Bananas. 160,168; Aug. 21.
Vin-Sok Food Products Corporation, San Francisco, Calif. Processed dried fruits. 169,792; Mar. 6.
Viquesney, Ernest M., Spencer, Ind. Images, bric-a-brac, statuary, etc. 170,228; July 17.
Virden Packing Company, San Francisco, Calif. Smoked meats. 142,184; May 8.
Virden Packing Company, South San Francisco, Calif. Canned fruits, olives, fruit jams. 155,716; Mar. 27.
Virden Packing Company, South San Francisco and Oakland, Calif. Cooked corn beef. 161,161; Jan. 9.
Virden Packing Company, South San Francisco, Calif. Meat loaf, sugar-cured bacon, souse, etc. 164,282; June 5.
Virden Packing Company, San Francisco, Calif. Canned fruits. 172,068; Apr. 10.
Virden Packing Company, San Francisco, Calif. Canned and bottled fruits, jams, jellies, and olives. 175,581; May 15.
Virden Packing Company, San Francisco, Calif. Canned tomatoes. 175,633; June 19.
Virginia Blue Gem Coal Corporation, Pennington Gap and North Fork, Va. Steam and domestic coal. 175,691; Apr. 24.
Virginia Cotton Mills, Swepsonville, N. C. Cotton goods in the piece. 175,043; Mar. 20.
Virginia Dare Company, The, Baltimore, Md. Preserved crushed fruits for soda-fountain purposes. 154,004; Nov. 20.
Virginia Ice Cream Company. (See Arcese, Pasquale.)
Virginian Tire & Rubber Company, St. Albans, W. Va. Pneumatic tires. 186,092; Dec. 25.
Visco Chemical Products Company, The, Cleveland, Ohio. Polish for furniture, pianos, autos, etc. 180,568; Sept. 11.
Viscose Company, The, Marcus Hook, Pa. Artificial-silk yarns and threads. 184,197; Oct. 2.
Vislok Limited, London, England. Nuts and bolts. 167,438; Jan. 16.
Vita Food Company, The, Chicago, Ill. Maltless chocolate cereal beverages. 177,529; July 31.
Vita-Grain Mfg. Co. (See Beshere, Joseph J.)
Vita Mineral Products Company, Peoria, Ill. Mineral stock food. 177,337; Oct. 2.
Vita Products Company. (See Ely, Mark C.)
Vita Rice Products Co., Willows, Glenn County, Calif. Preparation made from rice. 155,841; May 1.
Vita-Sulphur Company, Chicago, Ill. Medicinal preparation for rheumatism, neuritis, sciatica, gout, etc. 177,639; July 10.
Vital Food Company of California. (See Sherman, Bernard E.)
Vitality Publishing Company. (See Whitehouse, George F.)
Vitamineral Products Co. (See Peters, Albert T.)
Vitans Laboratories. (See Schmidt, Oliver S.)
Vitimin Milling Company, Los Angeles, Calif. Bread. 175,282; July 31.
Vitimin Milling Company, Los Angeles, Calif. Wheat flour. 175,283; July 31.
Vitomen Cereal Company, Tacoma, Wash. Breakfast cereal. 182,025; Dec. 25.
Vitrefrax Company Inc., The, Los Angeles, Calif. Refractory lining, mastic fire walls, cements, etc. 170,414–15; May 8.

Vitrefrax Company, Inc., The, Los Angeles, Calif. Refractory linings for forges, smelters, etc., refractory cements, etc. 170,416; July 17.
Vitrefrax Company Inc., The, Los Angeles, Calif. Refractory lining, bricks, cements, and furnace bottom grains, etc. 170,417; May 8.
Vitro Manufacturing Company, The, Pittsburgh, Pa. Ready-prepared ceramic glasses and enamels. 168,625; Apr. 3.
Vitro Manufacturing Company, Pittsburgh, Pa. Oxides of cobalt, chromium, selenium, etc. 176,234; June 12.
Vivaudou, V., Inc., New York, N. Y. Writing paper, envelopes, bristol or cardboard suitable for visiting cards. 161,660; Mar. 13.
Vivaudou, V., Inc., New York, N. Y. Rouge and face powder in compact form. 170,229; Jan. 30.
Vivaudou, V., Inc., New York, N. Y. Face powders and creams, perfumes, rouges, hair tonics, etc. 174,645; May 1.
Vivaudou, V., Inc., New York, N. Y. Face powder and creams, perfumes, etc. 175,284–5; May 22.
Vixen, Inc., Newark, N. J. Hosiery. 167,061; Jan. 9.
Vlachos, George, New York, N. Y. Preserved figs, sundried raisins, shelled nuts, etc. 180,913; Oct. 16.
Voge, A. Law, doing business as Egoval Chemical Co., New York, N. Y. Extract to be used in the preparation of soft drinks. 172,405; Mar. 13.
Voge, A. Law, doing business as Egoval Chemical Co., New York, N. Y. Extract to be used in the preparation of soft drinks. 172,406; Mar. 27.
Vogel, Morton J., New York, N. Y. Ladies' and children's hand bags, purses, and pocketbooks. 176,386; Apr. 10.
Vogel, Morton J., New York, N. Y. Ladies' and children's hand bags, purses, and pocketbooks. 177,153; Sept. 11.
Vogel's, F., Son and Company, Chicago, Ill. Aprons, dresses. 176,585; Oct. 16.
Vogt Brothers Mfg. Co., Louisville, Ky. Refrigerating machinery and refrigerators. 160,218; May 22.
Vogt, F. G., & Sons, Inc., Philadelphia, Pa. Lard. 179,756–7; Sept. 4.
Vogt, Henry, Machine Co., Louisville, Ky. Drop-forged steel valves and fittings. 167,590; Mar. 13.
Vogue, The. (See Burgower, L. H.)
Voigt, William A., Toledo, Ohio. Dental burs and broaches. 168,814; Mar. 13.
Voigt, William A., doing business as The Toledo Dental Supply Co., Toledo, Ohio. Deodorizing preparation. 180,347; Oct. 30.
Voigtländer & Sohn Aktiengesellschaft, Brunswick, Germany. Single and double telescopes and binoculars, photographic lenses and cameras. 173,613; May 29.
Volland, P. F., Co., Chicago, Ill. Fabric toy dogs adapted to be stuffed. 167,342; Oct. 2.
Volta Co. of America, Inc., Philadelphia, Pa. Preparation for the treatment of rheumatism, etc. 177,255; Nov. 6.
Voluma Corporation, The, Baltimore, Md. Talking machines, reproducers, recorders, and needles for talking machines, and parts therefor. 155,328; June 19.
Vonder Heyde & John. (See John, Hermann A.)
Von Kopff Inhaler Co., The. (See Klauser, Arthur O.)
Voorhees, Joseph P., East Orange, N. J. Hosiery. 178,314; July 10.
Voorhees Rubber Mfg. Co., Jersey City, N. J. Rubber hose. 160,731; July 31.
Voorhees Rubber Mfg. Co., Jersey City, N. J. Hose made wholly or partly of rubber or rubber composition. 161,514; Oct. 23.
Voorhees Rubber Mfg. Co., Jersey City, N. J. Hose, belting, and packing made of rubber, etc. 171,003; Apr. 3.
Vorgias, Louis, Chicago, Ill. Shoe polish, dressings, and cleaners. 180,348; Aug. 21.
Vortex Mfg. Co., The, Chicago, Ill. Metal holders for paper dishes and dispensing receptacles for paper dishes. 180,311; July 3.
Vos, Arthur, New York, N. Y. Paper weights and desk ornaments. 177,530; July 24.
Voss & Stern, New York, N. Y. Cotton piece goods. 160,312; June 26.
Voss & Stern, New York, N. Y. Cotton and silk mixture piece goods. 160,313; June 5.
Voss & Stern, New York, N. Y. Cotton and silk mixture piece goods. 160,315; June 5.
Voss & Stern, New York, N. Y. Cotton piece goods. 160,316; June 12.
Voss & Stern, New York, N. Y. Cotton piece goods containing silk stripe. 160,318; June 26.
Voss & Stern, New York, N. Y. Cotton piece goods. 160,323; June 19.
Voss & Stern, New York, N. Y. Silk piece goods. 160,325; June 19.
Voss & Stern, New York, N. Y. Cotton and silk mixture piece goods. 160,328; June 19.
Voss & Stern, New York, N. Y. Silk piece goods. 177,933; Dec. 18.
Voss & Stern, New York, N. Y. Cotton piece goods. 177,934; May 15.
Voss & Stern, New York, N. Y. Silk piece goods. 177,934; Dec. 4.
Voss & Stern, New York, N. Y. Cotton piece goods. 177,938–9; May 15.
Voss & Stern, New York, N. Y. Silk and cotton mixture goods and cotton piece goods. 177,938; Dec. 18.
Voss & Stern, New York, N. Y. Sateen piece goods. 179,693; July 17.
Voss & Stern, New York, N. Y. Silk, cotton, silk and cotton, etc., piece goods. 184,045; Dec. 18.
Voss & Stern, New York, N. Y. Silk chiffon cloth. 184,372; Oct. 2.
Voss & Stern, New York, N. Y. Silk and cotton piece goods. 185,545; Nov. 20.
Vox-Schallplatten- und Sprechmaschinen-Aktiengesellschaft, Berlin, Germany. Talking and dictating machines, records for talking machines. 160,166; Apr. 10.
Vox-Schallplatten- und Sprechmaschinen-Aktiengesellschaft, Berlin, Germany. Talking machines, phonographs, parts thereof, and supplies therefor. 165,733; Nov. 20.
Vul Ko Cene Co., The, Kent, Ohio. Chemical composition to assist in vulcanizing rubber. 169,940; Feb. 13.
Vulcan Proofing Company, Brooklyn, N. Y. Offset blankets, rubber sheetings, sheet rubber, etc. 180,156; Aug. 14.
Vulcan Crucible Steel Co., Aliquippa, Pa. Tool steel. 152,292; Jan. 9.
Vulcan Record Corporation, New York, N. Y. Sound records for phonographs and talking machines. 185,271; Nov. 6.
Vulcan Record Corporation, New York, N. Y. Sound records for phonographs and talking machines. 185,272; Nov. 20.
W. & H. Walker, Inc., Pittsburgh, Pa. Soap flakes. 179,568; Aug. 7.
W & L Baking Company, Jackson, Mich. Prepared doughnut mixture. 167,960; Mar. 20.
W. S. D. Underwear Co. Inc., New York, N. Y. Brassières. 178,586; Aug. 28.
W. V-B. Ames Company, The, Freemont, Ohio. Dental cement. 175,696; Apr. 3.
Wabash Baking Powder Co., Wabash, Ind. Gelatin dessert. 182,631; Nov. 13.
Wabash Cabinet Co., The, Wabash, Ind. House organ published periodically. 184,154; Nov. 6.
Wabash Cabinet Co., The, Wabash, Ind. Vertical filing folders and guides. 186,970; Dec. 11.
Wabasha Roller Mill Company, Wabasha, Minn. Wheat flour. 169,793; Feb. 27.
Wabasha Roller Mill Company, Wabasha, Minn. Wheat flour. 172,918; May 8.
Waddell, Walter H., and Bertha Waddell, doing business as Tartaroff Co., Chicago, Ill. Preparation for removing tartar, film and discolorations from the teeth. 180,993; Aug. 21.
Wadhams Oil Company, Milwaukee, Wis. Lubricant for pipe-thread connections. 186,860; Dec. 11.
Waelchli, N. L., Denver, Colo. Pharmaceutical preparations used as an inhalant for use in cases of tuberculosis. 172,852; Apr. 24.
Wagemaker Company, Grand Rapids, Mich. Desks, household tables, store tables, etc. 183,867; Nov. 27.
Wager, Robert H., Jersey City, N. J. Shaving-lather-forming devices. 168,815; Feb. 13.
Wagner, Edward C., & Son, Chicago, Ill. Pop-corn confection. 165,650; Mar. 27.
Wagner, G. M. H., & Sons, Chicago, Ill. Fresh cantaloupes and pears. 164,790; Feb. 6.
Wagner, G. M. H., & Sons, Chicago, Ill. Fresh cantaloupes and apples. 164,791; Feb. 6.
Wagner, Harry M., doing business as The H. M. Wagner Co., Inc., Baltimore, Md. Coffee. 173,614; July 3.
Wagner Research Society, Cincinnati, Ohio. Carburetors. 168,909; Jan. 23.
Wahl Company, The, Chicago, Ill. Leads and lead containers. 145,483; Oct. 9.
Wahl Refractory Products Co., The, Fremont, Ohio. High-temperature cement. 183,014; Oct. 23.
Wahlenmaier, Frank C., doing business as Eye-Ryne Laboratories, Kansas City, Kans. Eye lotion. 162,702; Apr. 24.
Wahoo Novelty Works, Wahoo, Nebr. Toy dogs. 182,843; Sept. 11.
Wakem, Harold R., doing business as Harold R. Wakem & Co., Chicago, Ill. Radio receiving and radio transmitting sets and the various parts thereof and radio head phones. 179,567; Aug. 21.
Walden-Worcester Inc., Worcester, Mass. Socket wrenches. 171,344; Mar. 6.
Waldmeyer, Francis J., New York, N. Y., assignor to Art Industries, Inc. Molded objects made from compositions containing sulphur. 166,543; Jan. 9.
Waldo, E. M. and F., New York, N. Y. Paints. 168,503; May 8.
Waldorf, Isaac, Baltimore, Md. Union suits of textile fabric. 170,511; June 19.
Walker, A. R., Candy Corporation, Muskegon, Mich. Candy. 179,074; Sept. 25.
Walker Bros. Co., assignor to Za-Rex Food Products Inc., Boston, Mass. Sirups and extracts for flavoring food. 173,261; July 3.
Walker Bros. Co., Boston, Mass. Nonalcoholic, maltless flavoring sirups for soft drinks. 173,262; Mar. 13.
Walker Bros. Co., Boston, Mass. Medicinal preparations for cramps, diarrhea, and colds. 173,263; Mar. 27.
Walker, Cyrus M., Kansas City, Mo. Men's textile-fabric union-suit underwear. 175,446; Sept. 11.
Walker, Fred, & Co. Proprietary Limited, Melbourne, Victoria, Australia. Meat extracts. 162,087; Feb. 6.

Alphabetical list of trade-mark applicants—Continued.

Walker, J. C., & Bros., Exmore, Va. Oysters canned or in the shell. 155,848; Mar. 27.
Walker, Madam C. J., Mfg. Co., The, Indianapolis, Ind. Hair salve. 173,017; June 19.
Walker, Platt B., doing business as Farm Implement Publishing Co., Minneapolis, Minn. Publication. 185,885; Dec. 11.
Walker Publishing Co., Aurora, and Marionville, Mo. Name or title of a weekly newspaper. 173,159; Mar. 20.
Walker Stetson Company, Boston, Mass. Men's, women's, and children's knit and nainsook underwear. 166,421; Jan. 9.
Walker Webbing Co., Providence, R. I. Hair nets. 155,725; Aug. 7.
Walker Webbing Co., Providence, R. I. Shoe, etc., lacings, galloons, braids, webbings, beltings, tapes, and hairpins. 156,125; Apr. 24.
Walker, W. & H., Inc., doing business as Thomas Chemical Co., Pittsburgh, Pa. Alcohol rubbing and bathing preparation. 167,500; Feb. 13.
Wall, King H., Goldsboro, N. C. Bluing compound and liquid bluing. 172,697; Apr. 10.
Wall Paper Manufacturers Limited, The, London, England. Dry, ready-mixed, and paste paints. 169,381; June 19.
Wall, Streeter & Doyle Co., North Adams, Mass. Shoes. 184,807; Nov. 27.
Walla Walla Hothouse Vegetable Co. (See Mojonnier, Frederick E.)
Walla Walla Valley Prune Growers Co-Operative Association, Freewater, Oreg. Fresh boxed Italian prunes. 168,697; May 8.
Wallace, C. J., and Co. (See Wallace, Charles J.)
Wallace, Charles J., doing business as C. J. Wallace and Co., assignor to C. J. Wallace Co., Inc., Duluth, Minn. Hand lotion, toilet water, face and talcum powder, etc. 158,203; Feb. 13.
Wallace & Co., Brooklyn, N. Y. Chocolates and candies. 163,489; Jan. 9.
Wallace, James G., New York, N. Y. Tablets for use in aiding indigestion, influenza, etc. 181,095; Oct. 9.
Wallace, R., & Sons Mfg. Co., The, Wallingford, Conn. Sterling-silver flatware and hollow ware. 185,350; Nov. 27.
Wallace & Tiernan Pando Co., Inc., Belleville, N. J. Food shortening. 183,782; Sept. 18.
Wallach Bros., New York, N. Y. Shirts, collars, underwear. 169,569; Sept. 18.
Wallach, David, doing business as Union Hosiery Company, New York, N. Y. Hosiery. 176,772; June 19.
Wallach & Mayer, Inc., New York, N. Y. Hosiery. 168,442; Jan. 30.
Wallau, Alex L., New York, N. Y. Knitted wear. 173,018–19; June 19.
Wallcraft Shirt Co. Inc., New Haven, Conn. Dress, negligee, and work shirts. 178,646; Aug. 28.
Wallenstein Industrial Corp., New York, N. Y. Elastic knitted goods in the piece. 182,489; Aug. 21.
Waller, L. D., Seed Co., The, Guadalupe, Calif. Garden and flower seeds. 167,542; May 1.
Wallerstein Bros., Paducah, Ky. Men's, boys', and children's suits, overcoats, and raincoats. 182,686; Oct. 16.
Wallerstein, D. S., and Company, doing business as Bonnie Bonnet Co., Baltimore, Md. Ladies' and children's hats. 184,010; Dec. 25.
Wallerstein Plantations, Inc., New York, N. Y. Fresh citrous fruits and fresh vegetables. 177,532; Dec. 11.
Wallin Mfg. Co., St. Paul, Minn. Shoe-shining brushes. 172,306; Feb. 27.
Walnott Knitting Company, Utica, N. Y. Infants' wrappers. 171,049; June 5.
Walnut Growers Spray Manufacturing Company, Vernon, Calif. Charcoal to be used in connection with stock and poultry feed. 159,825; Feb. 6.
Walnut Growers Spray Manufacturing Company, Los Angeles, Calif. Insecticide. 165,434; Oct. 9.
Walnut Growers Spray Manufacturing Company, Los Angeles, Calif. Insecticide. 165,435; May 22.
Walter, John H., Brooklyn, N. Y. Masticatories—namely, chewing gum and candies. 164,738; May 15.
Walter Reed General Hospital, Washington, D. C. Weekly periodical. 174,189; Apr. 17.
Walters, R. S., Co. (See Walters, Russell S.)
Walters, Russell S., doing business as R. S. Walters Co., Clinton, Iowa. Candy. 164,140; Jan. 16.
Walther Manufacturing Co., Philadelphia, Pa. Worsted, woolen, worsted and cotton, etc., piece goods. 175,569; July 3.
Walther Manufacturing Co., Philadelphia, Pa. Worsted, woolen, worsted and cotton, etc., piece goods. 179,902; July 3.
Walton, Charles, & Son, Needham Heights, Mass. Seamless elastic hosiery for sprains, varicose veins, etc. 170,554; Jan. 9.
Walton Milling Company, Lansing, Mich. Breakfast cereals. 142,369; Sept. 25.
Walton, Octavia. (See Goodbar, Octavia W.)
Walton, T. G., Company, The, doing business as The Erbjus Remedy Company, Bridgeport, Conn. Medical tonics. 185,391–2; Dec. 11.
Walworth Manufacturing Company, Boston, Mass. Asbestos rubber sheet packing. 165,844; Feb. 13.
Wampole, Henry K., and Company Incorporated. Laxatives. 168,659; Jan. 2.
Wampole, Henry K., and Company, Incorporated, Philadelphia, Pa. Hypnotic medicines. 174,547; May 22.
Wanamaker, John, New York, New York, N. Y. Golf balls. 170,915; Jan. 16.
Wanamaker, John, New York, New York, N. Y. Men's leather gloves. 171,601–2; Apr. 10.
Wanamaker, John, New York, New York, N. Y. Perfumes, sachets, toilet water, etc. 182,321; Oct. 23.
Wanamaker, John, Philadelphia, Philadelphia, Pa. Soaps. 187,234; Dec. 25.
Wanamaker, John, Philadelphia, Philadelphia, Pa. Soaps. 187,892; Dec. 25.
Wandel, W., Mfg. Co., Inc., New Orleans, La. Rust remover and preventive. 179,573; Sept. 11.
Wanklyn, Frederic L., Montreal, Quebec, Canada. Signal fusees. 178,785; Aug. 28.
Waples-Platter Grocer Co., Fort Worth, Tex. Canned and bottled goods. 175,287; July 10.
Waples Platter Grocer Co., Fort Worth, Tex. Coffee. 179,500; Aug. 14.
Ward Baking Company, New York, N. Y. Yeast, yeast food of mineral salts and flour, malt extract, etc. 161,661; Jan. 30.
Ward Baking Company, New York, N. Y. Cereal breakfast foods. 164,353; Jan. 30.
Ward Baking Company, New York, N. Y. Bread. 166,159; Jan. 9.
Ward Baking Company, New York, N. Y. Bread, cake, and a vitamine-containing product. 168,183; Aug. 21.
Ward Baking Company, New York, N. Y. Bread. 168,184; Jan. 30.
Ward Baking Company, New York, N. Y. Bread. 168,699; Apr. 3.
Ward Baking Company, New York, N. Y. Bread. 169,382; Feb. 27.
Ward Baking Company, New York, N. Y. Bread, cakes, and cereal breakfast foods. 169,383; Mar. 27.
Ward Baking Company, New York, N. Y. Bread. 169,384; Mar. 27.
Ward Baking Company, New York, N. Y. Bread. 169,385; Feb. 27.
Ward Baking Company, New York, N. Y. Bread. 169,386; Apr. 3.
Ward Baking Company, New York, N. Y. Bread. 169,387; Mar. 27.
Ward Baking Company, New York, N. Y. Bread. 169,794; Feb. 27.
Ward Baking Company, New York, N. Y. Bread. 170,512; Aug. 21.
Ward Baking Company, New York, N. Y. Sugar product used as an ingredient in the manufacture of bread, rice puddings, etc. 170,960–1; Mar. 13.
Ward Baking Company, New York, N. Y. Bread. 171,435; Mar. 13.
Ward Baking Company, New York, N. Y. Bread. 171,436; May 1.
Ward Baking Company, New York, N. Y. Cakes. 171,437; Mar. 13.
Ward Baking Company, New York, N. Y. Bread. 172,698; Mar. 20.
Ward Baking Company, New York, N. Y. Bread. 173,456; May 8.
Ward Baking Company, New York, N. Y. Yeast food. 173,586; Apr. 24.
Ward Baking Company, New York, N. Y. Bread. 174,501; Aug. 21.
Ward Baking Company, New York, N. Y. Bread, rolls, biscuits, cakes, etc. 175,374; Sept. 4.
Ward Baking Company, New York, N. Y. Bread, cake, and breakfast cereal. 179,441; Sept. 11.
Ward Baking Company, New York, N. Y. Bread. 179,758; Nov. 6.
Ward Baking Company, New York, N. Y. Bread. 182,322; Oct. 2.
Ward Baking Company, New York, N. Y. Bread. 182,687–8; Oct. 2.
Ward Baking Company, New York, N. Y. Breakfast cereal. 183,509; Dec. 18.
Ward Baking Company, New York, N. Y. Cakes. 184,531–3; Dec. 25.
Ward Baking Company, New York, N. Y. Bread. 185,393; Dec. 25.
Ward Baking Company, New York, N. Y. Bread. 185,735; Dec. 25.
Ward Baking Company, New York, N. Y. Bread and cake. 185,736; Dec. 25.
Ward and Pierre. (See Beebe Laboratories, Incorporated.)
Ward, R. B., & Co. Inc., Los Angeles and Piedmont, Calif. Cake. 180,995; Sept. 11.
Ward, R. B., & Co., Inc., Los Angeles, Calif. Cake. 186,400; Dec. 25.
Ward, S. E. (See Van Gilder, William P., and S. E. Ward.)
Warden, Paul S., Chicago, Ill. Daily market bulletin. 170,104; Jan. 2.
Wardwell, Edward H., New York, N. Y. Shell. 176,331; July 17.
Waring, Lewis E., et al., executors. (See estate of Charles J. Fisk.)
Warland, Henry G., New York, N. Y. Piece goods made of combination of silk and ramie. 173,060; Mar. 6.

Warland, Henry G., New York, N. Y. Men's and women's sport clothes. 173,457; May 29.
Warmbirds, Inc., New York, N. Y. Woolens and worsteds in the piece. 180,312; July 10.
Warne, William, and Company, Limited, London, England. Catheters, œsophagus tubes, rectal tubes, and cup funnels. 171,603; Feb. 27.
Warnecke, Jacob A., doing business as Florida Honey Products Co., Tavares, Fla. Honey. 167,665; Feb. 6.
Warner Brothers Company, The, Bridgeport, Conn. Corsets. 156,610; Jan. 9.
Warner Brothers Company, The, Bridgeport, Conn. Underwaists. 174,045; July 24.
Warner Brothers Company, The, Bridgeport, Conn. Women's fitted undergarments. 174,046; May 8.
Warner Brothers Company, The, Bridgeport, Conn. Bandeaux and brassières. 179,903; Aug. 14.
Warner Brothers Company, The, Bridgeport, Conn. Brassières, bandeaux, bandeau-girdle combinations, etc. 182,276; Nov. 20.
Warner Brothers Company, The, Bridgeport, Conn. Women's fitted undergarments. 184,371; Dec. 25.
Warner, Charles, Company, Wilmington, Del. Hydrated lime. 154,344; Apr. 10.
Warner, Moore & Co., doing business as Dunlop Mills, Richmond, Va. Feed—namely, bran. 175,582; Aug. 7.
Warner, Phil, & Son, also doing business as Phil Warner, Los Angeles, Calif. Fresh fruits and vegetables. 183,510; Nov. 13.
Warners Whole Wheat Bread, Inc., New York, N. Y. Bread. 166,863; Feb. 20.
Warnick, Edward A., doing business as Ka-Nix Sales Co., Birmingham, Ala. Tooth paste. 180,336; July 31.
Warren & Bailey Co., Los Angeles, Calif. Belting, hose, packing. 172,246; July 17.
Warren & Bailey Co., Los Angeles, Calif. Lubricating oils and greases. 172,247; Jan. 9.
Warren Clock Company, Ashland, Mass. Clocks. 144,303; Aug. 7.
Warren, Clyde W., doing business as Automatic Curtain Co., Sauk Rapids, Minn. Porch shades. 179,904; Aug. 7.
Warren, Clyde W., doing business as Automatic Curtain Co., Sauk Rapids, Minn. Porch shades. 179,905; Oct. 16.
Warren, Clyde W., doing business as Automatic Curtain Co., Sauk Rapids, Minn. Porch shades. 179,906; Oct. 23.
Warren, Clyde W., doing business as Automatic Curtain Co., Sauk Rapids, Minn. Porch shades. 179,907; Oct. 16.
Warren Foundry and Machine Company, Phillipsburg, N. J. Cast-iron gas and water pipes and fittings. 164,846; Apr. 24.
Warren Gear Products Company, Warren, Pa. Automobile transmission mechanisms. 162,232; Oct. 16.
Warren Gear Products Company, Warren, Pa. Gearings for motor cars. 181,504; Dec. 4.
Warren Products Company Inc., The, New York, N. Y. Textile-material silk, linen, wool, cotton, or a mixture of same. 178,685; July 24.
Warren Refining & Chemical Company, The, Cleveland, Ohio. Lubricating oils. 186,035; Dec. 11.
Warren, Samuel, Limited, Sheffield, England. Tool, carbon, shear, mild, spring, etc., steels. 152,599; Mar. 20.
Warren, Samuel, Limited, Sheffield, England. Molding and planing irons, rock and twist drills, milling cutters, etc. 152,600; Mar. 20.
Warren Soap Manufacturing Company, Boston, Mass. Soap. 166,966; Dec. 11.
Warren Soap Manufacturing Company, Boston, Mass. Washing or cleaning powder. 166,967; Sept. 11.
Warren Soap Manufacturing Company, Boston, Mass. Outfit package containing soap and a towel. 169,939; Feb. 13.
Warren, W., Thread Wks., Westfield, Mass. Spool cotton. 165,330; Jan. 2.
Warren, W., Thread Wks., Westfield, Mass. Spool cotton. 165,336; Jan. 2.
Warren, W., Thread Wks., Westfield, Mass. Spool and tube thread. 166,920; Jan. 9.
Warshauer, Jack, New York, N. Y. Boys' suits. 168,185; Jan. 9.
Warshauer, Jack, New York, N. Y. Girls' dresses. 168,186; Jan. 9.
Washburn-Crosby Company, Minneapolis, Minn. Wheat flour. 149,730; Jan. 23.
Washburn-Crosby Company, Minneapolis, Minn. Wheat flour. 159,545; Mar. 27.
Washburn-Crosby Company, Minneapolis, Minn. Wheat flour. 170,513; Mar. 13.
Washburn-Crosby Company, Minneapolis, Minn. Semolina. 174,048; Aug. 7.
Washburn-Crosby Company, Minneapolis, Minn. Wheat flour. 177,754; Aug. 21.
Washburn-Crosby Company, Minneapolis, Minn. Wheat flour. 181,468; Sept. 25.
Washburn, F. B., & Co., Brockton, Mass. Candy. 168,863; Feb. 13.
Washburn, Frederick C., New Bedford, Mass. Pin boards for use in textile industry. 171,239; Feb. 27.
Washington Barber Supply Co. (See Selkow, Irving.)
Washington Chocolate Co., Seattle, Wash. Chocolate coating. 186,171; Nov. 27.
Washington Dehydrated Food Co., Yakima, Wash. Dehydrated apples. 172,919; Apr. 17.
Washington Embroidery Co., New York, N. Y. Pillowcases, bolster cases, bed sheets, shams, scarfs, table covers and napkins. 174,805; Apr. 10.
Washington Iron Works, Seattle, Wash. Logging and hoisting equipment. 183,613; Oct. 30.
Washington Manufacturing Co., Nashville, Tenn. Work shirts, dress shirts, overalls, garment supporters. 164,619; Jan .2.
Washington Manufacturing Co., Nashville, Tenn. Shirts, overalls, and garment supporters. 164,620; Feb. 13.
Washington Manufacturing Co., Nashville, Tenn. Work shirts and overalls. 179,502; July 10.
Washington Pastry Co. (See De Vito, Aristide.)
Washington Radio Corp., Washington, D. C. Radio sets and parts thereof. 164,617; June 5.
Washington, Thomas C., Chevy Chase, Washington, D C. Puzzles. 168,342; May 1.
Wasserman, A. F., Memphis, Tenn. Soap. 179,574; July 24.
Watchung Springs Co., Plainfield, N. J. Coffee in beverage form. 166,796; Jan. 16.
Watelet, Abel, & Cie. (See Watelet, Abel.)
Watelet, Abel, doing business as Abel Watelet & Cie., Paris, France. Pharmaceutical preparation for use in diseases of the stomach, intestines, digestive disturbances, etc. 172,455; Feb. 27.
Waterbury Button Company, The, Waterbury, Conn. Electric insulating compound. 168,740; Jan. 9.
Waterbury Clock Company. (See Ingersoll, Robt. H., & Bro., assignor.)
Waterbury Company, New York, N. Y. Wire ropes. 171,674–5; Feb. 20.
Waterman, Helen, Orange, N. J. Candy. 166,425; Mar. 27.
Waterproofed Products Company. (See Gold Medal Water-Proofing Co., assignor.)
Waters, Henry H. (See Adams, Albert J., assignor.)
Watkins Chemical Co. (See Watkins, Harold C.)
Watkins, Harold C., doing business as Watkins Chemical Company, Scranton, Pa. Cathartic. 167,700; Jan. 30.
Watkins, Harold C., doing business as Watkins Chemical Company, Scranton, Pa. Beverage sold as soft drink and sirup for making same. 181,157; Aug. 28.
Watkins Manufacturing Company, The, Wichita, Kans. Babbitt bearings. 173,113; Mar. 20.
Watkins, Richard M., doing business as Watkins Hosiery Mills, Chattanooga, Tenn. Ladies' silk hosiery. 184,880; Nov. 6.
Watson, Arthur C., doing business as Nancy Hubbard Company, Los Angeles, Calif. Candy. 171,112; June 26.
Watson & Aven, Little Rock, Ark. Ice cream. 169,343; Apr. 3.
Watson, Dan L., Georgiana, Ala. Medicine for kidney troubles, rheumatism, headaches, etc. 143,466; May 22.
Watson, Lee M., Boston, Mass. Chemical compounds, etc., for use in producing varying colors in burning fuel. 157,396–7; Apr. 17.
Watson Manufacturing Company, Lancaster, Pa. Poultry-raising appliances. 115,304; June 19.
Watt, James A. D., London, England. Safety razors and blades thereof. 166,758; June 5.
Watts, Edward J., San Francisco, Calif. Shampoos. 169,659; Jan. 9.
Watts Mfg. Co. (See Watts, Richard J.)
Watts, Richard J., doing business as Watts Mfg. Co., Boston, Mass. Garment supporters. 160,841; Feb. 6.
Watts Ritter and Company, Huntington, W. Va. Men's high-grade dress shirts. 175,116; Aug. 7.
Waukee Company, Indianapolis, Ind. Hair dressing in liquid form to be rubbed into the hair and scalp. 170,168; Jan. 30.
Waukesha Silurian Water Co., also doing business as Waukesha Spring Water Company, Waukesha, Wis. Still and carbonated water, ginger ale, root beer, etc. 178,316; Aug. 28.
Waumbek Manufacturing Company, New York, N. Y. Cotton and cotton and silk mixture fabrics in the piece. 174,548; Mar. 27.
Waumbek Manufacturing Company, New York, N. Y. Cotton crêpe fabrics in the piece. 178,317; May 15.
Waupun Canning Co., The, Waupun, Wis. Canned vegetables. 166,424; May 8.
Waupun Canning Co., The, Waupun, Wis. Canned vegetables. 168,134; Feb. 20.
Wauregan Company, The, Wauregan, Conn., and Providence, R. I. Cotton fabrics and silk fabrics in the piece. 176,517; June 5.
Waverly Musical Products Co., Inc. New York, N. Y. Ukulele and banjo pegs, ukulele, mandolin, banjo, and guitar tailpieces, etc. 174,601; Mar. 6.
Waverly Oil Works Company, Pittsburgh, Pa. Lubricating oils. 185,802; Nov. 20.
Waverly Oil Works Company, Pittsburgh, Pa. Soaps. 185,804; Nov. 20.
Way Works, Incorporated, Philadelphia, Pa. Hinges. 174,549; Apr. 24.

Wayborn, James A., doing business as Jameway Co., Brooklyn, N. Y. Prunes. 154,631; May 15.
Wayco Oil Corporation, Detroit, Mich. Petroleum products. 172,920; Mar. 20.
Waymart Knitting Mill, Waymart, Pa. Sweater coats. 178,199; July 10.
Wayne County Produce Co., The, Brooklyn, N. Y. Vinegar. 167,441; Mar. 6.
Wazu Novelty Company, The, New York, N. Y. Dolls, puzzles, games, etc. 172,921; Dec. 25.
Wear-Ever Patch Mfg. Co., Inc., The, Columbus, Ohio. Patches for automobile tubes. 169,941; Feb. 27.
Wearite Storage Battery Co., Philadelphia, Pa. Storage batteries. 179,976; July 31.
Weaver, Cartter, doing business as Weaver Specialty Company, Pittsburgh, Pa. Soldering paste or flux. 183,868; Nov. 20.
Weaver, George E., doing business as U-Sal Company, New York, N. Y. Dental medicinal compound. 179,503; Aug. 21.
Weaver Specialty Company. (See Weaver, Cartter.)
Web Sterilizer Co. (See Barnard, William E.)
Webb, Thomas J., Company, Chicago, Ill. Coffee. 178,786; Sept. 11.
Webb, Thomas J., Company, Chicago, Ill. Coffee. 178,787; Sept. 4.
Webb, Thomas J., Company, Chicago, Ill. Coffee. 178,789; Sept. 4.
Webb, Thomas J., Company, Chicago, Ill. Coffee. 179,075; Sept. 11.
Webber, Abram, Halifax, Nova Scotia, Canada. Nasal lotion. 169,611; Feb. 13.
Webber Chemical Co. (See Robbins, William G.)
Webber, Elwin C., doing business as Webber and Company, Los Angeles, Calif. Confection forming a sandwich. 180,035; Oct. 16.
Webber, William B., doing busines as The Tang Company, Los Angeles, Calif. Maltless flavoring extracts, emulsions, sirups for soda fountain purposes; etc. 167,858; Nov. 6.
Weber Costello Co., Chicago Heights, Ill. Blackboards and blackboard stands. 182,193; Dec. 25.
Weber, David, & Co., Philadelphia, Pa. Corrugated boxes, envelopes, etc. 180,511; Sept. 18.
Weber, David, & Co., Philadelphia, Pa. Corrugated fiber and paper boxes, envelopes, wrappers, etc. 180,512; Sept. 4.
Weber Flour Mills Corporation, The, Salina, Kans. Wheat flour. 168,505; Mar. 20.
Weber, Harry E., Chicago, Ill. Candies. 167,281; Mar. 27.
Weber & Heilbroner, New York, N. Y. Men's suits. 132,690; Sept. 4.
Weber and Heilbroner, New York, N. Y. Men's hats. 185,805; Dec. 11.
Weber Lithographing Co., Chicago, Ill. Bond paper. 172,922; Feb. 6.
Weber Levy Company, New York, N. Y. Hosiery, underwear, and sweaters. 179,759; Aug. 28.
Weber Manufacturing Co., Tampa, Fla. Ladies' and children's aprons. 155,791; June 5.
Weber & McCrea, Los Angeles, Calif. Binders for books, pamphlets, and papers. 180,996; Aug. 21.
Weber Milk Company, Indianapolis, Ind. Malted chocolate milk drink. 165,320; Apr. 17.
Webers, Milwaukee, Wis. Candy. 159,826; Oct. 23.
Webster, Harry W., doing business as Decorators Wall Paper Co., Toledo, Ohio. Paints, putty, linseed oil, and turpentine, etc. 160,908; Apr. 3.
Webster, John H., Louisville, Ky. Liniments. 182,081; Sept. 25.
Webster, William A., Company, The, Memphis, Tenn. Aspirin. 152,294; July 17.
Wechsler Barber Silk Company, Inc., New York, N. Y. Silk piece goods. 181,506; Aug. 7.
Wechsler, Isaac, doing business as W. B. Suspender House, New York, N. Y. Suspenders, belts, and garters. 157,704; May 22.
Wedge Heel & Rubber Co., Inc., Fort Wayne, Ind. Rubber heels. 170,916; July 31.
Wedler Shuford Co., St. Louis, Mo. Windshield shade. 142,367; Feb. 6.
Wedler-Shuford Co., St. Louis, Mo. Seat pads or cushions. 163,125; Jan. 30.
Wedler-Shuford Company, The, St. Louis, Mo. Attachment for automatically controlling the carburetor and indicating the temperature of internal-combustion engines. 168,187; Feb. 13.
Wedrick, William R., Silver Lake, Ind. Onions. 177,941; July 17.
Weed, Lewis M. Co., Inc., Binghamton, N. Y. Breeches, coats, vests, etc. 183,353; Nov. 20.
Weeks, Sawyer & Co., New York, N. Y. Cotton piece goods. 152,527; Feb. 27.
Weideman Company, The, Cleveland, Ohio. Coffee. 173,309; July 24.
Weidner, Paul R., Woburn, Mass. Canned fruits and vegetables, dried fruits, fruit preserves, etc. 168,343; Apr. 3.
Weil, Joseph, & Sons, Chicago, Ill. Wrapping paper. 185,066; Nov. 20.
Weiler & Pendleton, Baltimore, Md. Hosiery. 174,049; Nov. 6.
Weiner Brothers, Inc., New York, N. Y. Cotton piece goods. 174,550; Apr. 17.
Weiner Brothers, Inc., New York, N. Y. Cotton piece goods. 175,583; May 22.
Weingarten Bros., New York, N. Y. Corsets. 173,061; July 3.
Weinstein, David H., Miami, Fla. Cleaning fluids—namely, those adapted for shoes. 172,138; Mar. 6.
Weinstein, Goldie, doing business as Goldie Fruit Coffee Co., New York, N. Y. Beverage suitable as a substitute for coffee. 165,904; Feb. 6.
Weinstein, Goldie, doing business as Goldie Fruittine Co., New York, N. Y. Beverage. 182,632; Oct. 16.
Weisbaum Bros.-Leininger Company, The, Cincinnati, Ohio. Neckties. 179,632; July 10.
Weisbecker, Charles, New York, N. Y. Salad dressing. 174,349; May 8.
Weisberg, Benjamin, Philadelphia, Pa. Neckties. 174,502; June 5.
Weisberg, Emily R., doing business as Evol Chemical Company, New York, N. Y. Medicine for the treatment of impotence and frigidity. 159,004; June 26.
Weissbrod, Emil, & Sons, Inc., Greenfield, Mass. Pass holders. 172,408; Mar. 13.
Weitz & Lefft, New York, N. Y. Noodles. 161,949; Apr. 3.
Welbilt Auto-Body Co., Los Angeles, Calif. Vehicles, particularly automobile bodies. 177,338; June 19.
Welch, C. S., Company, The, New York, N. Y. Perfumed addition for the bath. 170,599; Mar. 13.
Welden National Bank, The, St. Albans, Vt. Table sirup and maple sugar. 162,088; Aug. 14.
Weldene Manufacturing Company, Chicago, Ill. Solder. 149,048; June 5.
Weldfast System, Inc., Salem, Mass. Cartons and boards. 182,324; Sept. 18.
Weldit Company, Washington, D. C. Preheating torches. 166,965; Apr. 3.
"Weldrite" Company, Incorporated, Long Island City, N. Y. Welding wire and rods. 162,524; Sept. 25.
Wellar and Adams, Ithaca, N. Y. Pass books and blank form cards. 184,999; Dec. 25.
Wellen, M., & Son, New York, N. Y. Trunks. 163,426; July 3.
Wells-Abbott-Nieman Co., Inc., Schuyler, Nebr. Hard-wheat flour. 173,946; July 24.
Wells, Edgar R., Prosser, Wash. Eggs and live poultry. 163,607; Mar. 20.
Wells, S. C., & Co., Le Roy, N. Y. Herb tea. 179,633; Aug. 21.
Wells-Treister Co., Inc., New York, N. Y. Fur coats, wraps, capes, scarfs, neckpieces, and muffs. 172,699; May 29.
Wellson Specialty Company, Hyattsville, Md. Chemical preparations for the treatment of face, scalp, and hair troubles. 174,224; May 29.
Welch & Marker, Ionia, Mich. Vermifuge to be used in the treatment of live stock. 172,022; Apr. 10.
Welsbach Co. of N. E., The, Boston, Mass. Gas hot-water storage heaters. 178,154; Oct. 30.
Welsh, William A., Riverton, N. J., and Philadelphia, Pa. Paper and stationery. 166,488; Nov. 6.
Wenatchee Northern Warehouse & Marketing Co., Wenatchee, Wash. Fresh apples. 169,342; Mar. 6.
Wendling, George X., San Francisco, Calif. Box shooks. 178,318; July 3.
Wendling, George X., Los Angeles, Calif. Nails and staples. 185,683; Dec. 11.
Wenger, Aaron, doing business as Crystal Window Cleaner, Bayonne, N. J. Window squeegee. 170,261; Feb. 20.
Wenglein's, H. J., Norica- & Herold-Werke Nürnberg-Schwabacher Nadelfabriken G. m. b. H., Nuremberg, Germany. Talking-machine needles. 164,621; Feb. 20.
Wenzel, H., Tent and Duck Co., St. Louis, Mo. Tents. 183,513; Oct. 30.
Wertheimer Brothers, New York, N. Y. Ribbons. 176,052; Apr. 24.
Wescoe Laboratories, Atlantic City, N. J. Remedies for cough-producing affections and colds. 182,633; Nov. 13.
Wesley, Edward, & Company, Cincinnati, Ohio. Hair combing cream. 172,625; Mar. 6.
Wesphal, Ernest J. H., Brooklyn, N. Y. Product consisting of an edible container with ice cream or an analogous filler within. 171,146; Apr. 10.
West Branch Knitting Company, Milton, Pa. Union suits and hosiery. 170,455; June 5.
West Coast Kalsomine Company, Berkeley, Calif. Cold-water paints. 180,727; Sept. 18.
West Coast Kalsomine Company, Berkeley, Calif. Calcimine. 180,729; Sept. 18.
West Coast Trading Company, San Francisco, Calif. Incense. 181,577; Nov. 6.
West Disinfecting Company, New York, N. Y. Insecticides. 168,698; Jan. 2.
West Disinfecting Company, New York, N. Y. Liquid-soap-dispensing systems. 173,264; Apr. 24.
West Electric Hair Curler Company, Philadelphia, Pa. Hair nets. 167,591; Jan. 23.
West Electric Hair Curler Company, Philadelphia, Pa. Hair nets. 179,838; July 24.
West Electric Hair Curler Company, Philadelphia, Pa. Hair curlers. 180,313; July 3.

West India Oil Company, New York, N. Y. Candles. 173,798; Mar. 27.
West India Oil Company, New York, N. Y. Candles. 173,799; Feb. 27.
West India Oil Company, Bayonne, N. J. Oils, greases, candles. 183,681; Sept. 18.
West, Mabel, doing business as Westnell Company, Houston, Tex. Liquid mouth wash for use in the treatment of pyorrhea, etc. 180,036; July 31.
West Virginia Pulp & Paper Co., New York, N. Y. English-finish and supercalender book papers. 169,570; Jan. 30.
West Virginia Pulp & Paper Company, New York, N. Y. Book and wrapping paper. 177,256; May 29.
Westberg, Gustave E., Los Angeles, Calif. Antitheft locks for motor-vehicle wheels. 177,155; May 8.
Westchester Bottling Works, New Rochelle, N. Y. Beverages sold as soft drinks and sirups for making same. 176,700; May 29.
Westchester Macaroni Co., Inc., Mount Vernon, N. Y. Macaroni. 168,741; Mar. 20.
Westcott, Slade and Balcom Company, Providence, R. I. Boat paint. 178,647; July 17.
Wester Bros., New York, N. Y. Cutlery—viz, razors and scissors made of solid steel. 165,104; Jan. 23.
Wester Brothers, New York, N. Y. Cutlery. 156,206; May 29.
Western Bottle Manufacturing Company, also doing business as The Western Company. Handkerchiefs and hair nets. 176,136; May 8.
Western Bottle Manufacturing Company, also doing business as The Western Company, Chicago, Ill. Handkerchiefs. 176,139; Apr. 10.
Western Bottle Manufacturing Company, Chicago, Ill. Powder puffs. 176,140; May 15.
Western Bottle Manufacturing Company, at times doing business as The Western Company, Chicago, Ill. Hair nets. 176,142; May 22.
Western Bottle Manufacturing Company, also doing business as The Western Company, Chicago, Ill. Handkerchiefs. 176,144; Apr. 10.
Western Bottle Manufacturing Company, Chicago, Ill. Powder puffs, tooth, hair, hand, and clothes brushes. 176,145; May 15.
Western California Fish Co., San Francisco, Calif. Canned fish. 168,394; Nov. 6.
Western California Fish Co., San Francisco, Calif. Canned kippered, smoked, and salted fish. 168,395; Feb. 20.
Western Canada Flour Mills Company, Limited, Toronto, Ontario, Canada. Poultry feed. 179,839; Dec. 11.
Western Cartridge Company, East Alton and Springfield, Ill. Shot shells. 164,285; Apr. 3.
Western Chemical Co., Inc., The, Seattle, Wash. Double-acting alkaline hypochlorite solution. 179,119; Aug. 28.
Western Coil & Electrical Co., Racine, Wis. Wireless receiving sets. 185,394; Nov. 13.
Western Company, The. (See Western Bottle Manufacturing Company.)
Western Drop Forge Company, Marion, Ind. Drop forgings. 181,429; Aug. 7.
Western Druggist Association, Seattle, Wash. Larkspur lotion, sirup of white pine compound, cherry-mel cough remedy, etc. 160,783; Feb. 13.
Western Electric Company, New York, N. Y. Magnetic alloys. 172,248; May 22.
Western Electric Company, Incorporated, New York, N. Y. Title to a monthly publication. 178,941; July 31.
Western Electric Company, Incorporated, New York, N. Y. Creosote wood preservatives. 183,240; Sept. 11.
Western Fancy Goods Company, San Francisco, Calif. Garters, belts, neckties, boudoir caps, etc. 171,561; Aug. 28.
Western Grain Company, Birmingham, Ala. Corn meal and grits, horse, cow, and hen feeds, etc. 175,117; Aug. 21.
Western Grocer Company, Marshalltown, Iowa. Canned grapefruit, fruit salad, pimientoes, tunny, etc. 176,235; Aug. 14.
Western Materials Company, Chicago, Ill. High-temperature cement. 179,249; Sept. 4.
Western New York Fruit Growers' Co-Operative Packing Ass'n, Inc., Rochester, N. Y. Fresh apples, peaches, pears, plums, prunes, and quinces. 166,517; Feb. 20.
Western New York Fruit Growers' Co-Operative Packing Ass'n, Inc., Rochester, N. Y. Fresh apples. 166,518; Feb. 20.
Western Ohio Creamery Co., The, Greenville, Ohio. Butter. 174,272; Sept. 11.
Western Paper Box Company, Chicago, Ill. Paper pails. 181,796–8; Aug. 14.
Western Pump Company, Davenport, Iowa. Liquid pumps, pumping systems, and parts of same. 157,788; Oct. 16.
Western Reserve Oil Company, The, Cleveland, Ohio. Kerosene and gasoline. 171,479; Feb. 13.
Western Reserve Oil Company, The, Cleveland, Ohio. Kerosene, gasoline, lubricating oils, and greases. 171,479; May 1.
Western Reserve Oil Company, The, Cleveland, Ohio. Lubricating oils and greases. 178,366; June 19.
Western Sausage & Provision Co., Inc., New York, N. Y. Tomato paste. 179,442; July 31.
Western Shirt Company, The, New York, N. Y. Work shirts. 177,156; Aug. 7.
Western Steel & Chemical Co. Inc., Chicago, Ill. Oil mops. 182,730; Oct. 23, 1923.
Western Tobacco Company, Inc., New York, N. Y. Cigarettes. 176,236; Apr. 24.
Western Wholesale Drug Co., also doing business as The Sterling Laboratory, Los Angeles, Calif. Camphorated white liniment, larkspur, cedar flakes, sea salt, etc. 169,256; May 22.
Western Wholesale Drug Co., Los Angeles, Calif. Salve for external use in the treatment of earache, eczema, etc., and face cream. 171,971; Feb. 20.
Western Wholesale Drug Co., also doing business as R. H. Brown & Co., Los Angeles, Calif. Ointment or salve for sunburn, scalds, cuts, etc. 182,635; Nov. 13.
Westfield Manufacturing Company, Westfield, Mass. Baby carriages and gocarts. 169,942; Jan. 23.
Westfield Manufacturing Company, Westfield, Mass. Toy two and three wheel cycles and coasters. 171,145; Jan. 2.
Westfield Manufacturing Company, Westfield, Mass. Bicycles. 171,050; Feb. 27.
Westfield Manufacturing Company, Westfield, Mass. Baby carriages. 171,051; Apr. 17.
Westfield Manufacturing Company, Westfield, Mass. Bicycles, tricycles, and parts thereof. 172,456; Sept. 4.
Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Mineral oil for insulating and cooling purposes. 167,963; Mar. 13.
Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lightning arresters. 176,864; Apr. 24.
Westlake, Albert, New York, N. Y. Milk bottles. 169,513; Jan. 9.
Westlake Chemical Co. Inc., Westlake, La. Fertilizer. 182,240; Sept. 4.
Westland Oil Company, Scobey, Mont. Gasoline, kerosene, and lubricating oils and greases. 169,612; Feb. 27.
Westmoreland Candy Company, Richmond, Va. Candy. 154,677; May 22.
Weston, Clifford L., doing business as C. L. Weston Co., Plainfield, N. J. Pure-fruit jelly compound. 182,731; Oct. 16.
Westphal, Ernest J. H., Brooklyn, N. Y. Product consisting of an edible container with ice cream or an analogous filler. 171,676; May 8.
Westphono Incorporated, St. Paul, Minn. Combination library table and phonograph, phonographs, and phonographic sound producers and recorders. 171,396; Feb. 20.
Wetherald, James T., Pasadena, Calif. Raisins. 167,440; Feb. 6.
Wetherill, Samuel P., jr., Philadelphia, Pa. Gas-generating means. 170,848; Apr. 17.
Wethershold, William R., doing business as Reading Textiles, Reading, Pa. Hosiery for men and women. 173,062; June 5.
Wetmore, L. S., Company, The, Stockton, Calif. Grape juice. 179,575; June 19.
Wetterau, G. H., & Sons Grocer Company, St. Louis, Mo. Fruit preserves, jams, jelly, apple butter, sweet and sour pickles, etc. 170,736; May 8.
Weyenberg Shoe Mfg. Co., Milwaukee, Wis. Boots and shoes made wholly or in part of leather. 176,387; Apr. 17.
Weyer, George H., St. Joseph, Mo. Chemical preparation suitable for the treatment of hair. 173,311; Apr. 3.
Weyer, George H., St. Joseph, Mo. Perfumes, toilet waters, face creams, etc. 183,181; Nov. 13.
Weymann, H. A., & Son, Inc., Philadelphia, Pa. Stringed musical instruments, parts, and strings therefor. 177,534–5; May 15.
Weymann, H. A., & Son, Inc., Philadelphia, Pa. Band and orchestral musical instruments. 182,490; Nov. 20.
Wheaco Cereal Corporation, Denver, Colo. Cereal breakfast foods and wheat, pancake, and buckwheat flour. 167,111; July 31.
Wheatcrisp Products Company, The, Cleveland, Ohio. Confections, particularly chocolate bars. 133,564; Mar. 6.
Wheeler, Osgood Company, The, Tacoma, Wash. Fir doors, moldings, veneered panels, plywood, etc. 182,027; Sept. 4.
Wheeler, W. B., Corporation, New York, N. Y. Matrix or dry mat used in stereotyping and electroplating. 165,840; Feb. 6.
Wheeler, W. B., Corporation (now by change of name The Flexidial Company, Inc.), New York, N. Y. Matrix or dry mat used in stereotyping and electroplating. 172,309; Feb. 20.
Wheeler, Wm. B., Chicago, Ill. Ready-mixed, paste, semi-paste, and dry paints, varnishes, enamels, colors, etc. 168,232; Feb. 20.
Wheelock, Arthur C., doing business as The Ventlock Company, Oakland, Calif. Window fasteners. 185,068; Dec. 11.
Whinton Laboratories. (See Breon, George A.)
Whip-Lite Products Co., New York, N. Y. Edible preparation suitable for mixture with milk and cream in beating up these products into a frothy condition. 160,840; May 8.

Alphabetical list of trade-mark applicants—Continued.

Whippo Manufacturing Company, Quincy, Mass. Apparatus for beating eggs and like liquids. 182,028; Sept. 25.
Whistle Company. (See Jones, Vess.)
Whitaker Paper Company, The, Baltimore, Md., and Cincinnati, Ohio. Wrapping paper. 170,737; Sept. 11.
Whitaker, Ralph W., New York, N. Y. Hair Dressing. 169,837; Feb. 6.
Whitbeck, Laura K., Syracuse, N. Y. Textile underwear. 183,428; Oct. 16.
Whitcher, Frank W., Company, Portland, Me., and Boston, Mass. Fabricated box toes and box-toe material for use in boots and shoes. 169,882; Mar. 13.
White, Almon J., Carrollton, Mo. Tonic compound for treating worms, etc., in hogs and other live stock. 177,459; July 31.
White Arrow Farms, Cheraw, S. C. Eggs. 161,398; Mar. 27.
White Cap Battery Mfg. Co., Owensboro, Ky. Storage batteries. 177,157; May 29.
White City Candy Mfg. Co., Inc., New Haven, Conn. Candy. 184,881; Dec. 11.
White Company, The, Cleveland, Ohio. Toy vehicles. 180,458; Aug. 21.
White, Edward F., doing business as White Products Company, Norfolk, Va. Preparation for the treatment of coughs, colds, etc. 172,459; Apr. 24.
White, H. N., Company, The, Cleveland, Ohio. Trumpets, cornets, trombones, horns, etc. 182,691; Dec. 4.
White, Harrie W., Cleveland, Ohio. Chewing gum. 185,100; Nov. 6.
White House Products Co., Chicago, Ill. Compound for opening clogged pipes, traps, drains, etc. 172,305; Apr. 10.
White, James F., & Co., Inc., New York, N. Y. Cotton, woolen, and silk piece goods and combinations thereof. 178,648; May 22.
White, Joseph J., Inc., New Lisbon, N. J. Fresh blueberries. 172,457; May 8.
White, Joseph J., Inc., New Lisbon, N. J. Blueberry plants. 172,458; Apr. 2.
White Products Company, Chicago, Ill. Automobile windshield wipers. 144,757; July 24.
White Products Company, Chicago, Ill. Radiator caps. 146,186; Nov. 13.
White, Ray B., doing business as The R. B. White Co., Bigwells, Tex. Wooden hampers. 178,686; Sept. 18.
White, Robert E., Absecon, N. J. Cement and concrete blocks, bricks, and building units. 178,200; July 17.
White Rock Liniment Company. (See Kreider, John C.)
White Rose Ice Cream and Frozen Custard Biscuit Company, The. (See Prestia, Frank.)
White, S. S., Dental Manufacturing Company, The, Philadelphia, Pa. Orthodontic appliances. 162,226; May 15.
White, S. S., Dental Manufacturing Company, The, Philadelphia, Pa. Dental spotlights and lamps for the same. 180,158; July 24.
White Seal Potato Chip Co., Baltimore, Md. Potato chips and caramels. 186,452; Nov. 27.
White Stokes Co., Inc., Chicago, Ill. Semiprepared fondant and base in candy, ice cream, etc. 178,791; Aug. 28.
White Stokes Co., Inc., Chicago, Ill. Base or filler for candy. 178,792; Sept. 4.
White-Stokes Company, Inc., Chicago, Ill. Confection for coating or covering for candy, biscuits, cakes, pastry, etc. 161,812; Jan. 30.
White Tar Company, The, New York, N. Y. Paper bags and chests. 175,447; May 22.
White Tar Company, The, New York, N. Y. Liquid insecticide. 179,287; July 31.
White & Wyckoff Manufacturing Company, Holyoke, Mass. Papeteries, writing and typewriting tablets, writing paper, etc. 173,114; Apr. 17.
White & Wyckoff Manufacturing Company, Holyoke, Mass. Papeteries, writing and typewriting tablets, writing paper, and mailing envelopes. 173,115; Feb. 6.
White & Wyckoff Manufacturing Company, Holyoke, Mass. Papeteries, writing and typewriting tablets, writing paper, etc. 173,116; Apr. 17.
White & Wyckoff Manufacturing Company, Holyoke, Mass. Papeteries, writing and typewriting tablets, writing paper, and mailing envelopes. 173,117; Jan. 30.
White & Wyckoff Manufacturing Company, Holyoke, Mass. Papeteries, writing and typewriting tablets, writing papers, and mailing envelopes. 173,119; Feb. 6.
White & Wyckoff Manufacturing Company, Holyoke, Mass. Papeteries, writing and typewriting tablets, writing paper, etc. 173,120–2; Apr. 17.
White & Wyckoff Manufacturing Company, Holyoke, Mass. Papeteries, writing and typewriting tablets, writing paper, and envelopes. 175,749; Apr. 3.
White & Wyckoff Manufacturing Company, Holyoke, Mass. Papeteries, writing and typewriting tablets, writing paper, and mailing envelopes. 175,750; May 1.
White & Wyckoff Manufacturing Company, Holyoke, Mass. Papeteries, writing and typewriting tablets, writing paper, etc. 175,827; Apr. 17.
Whitehead, Howard C., Salem, N. J. Potatoes. 180,915; Dec. 11.
Whitehouse, George F., doing business as Vitality Publishing Company, Los Angeles, Calif. Monthly publication. 180,997; Sept. 11.
Whitehouse & Hardy, Inc., New York, N. Y. Dress and sport shoes. 171,972; Apr. 10.
Whitehouse Products Co., Chicago, Ill. Compound for cleaning hands and the like. 172,700; May 1.
Whitely Exerciser Company, New York, N. Y. Punching-bag platforms and apparatus. 179,121; July 31.
Whiting & Davis Company, Plainville, Mass. Mesh bags. 168,662; Aug. 7.
Whiting & Davis Company, Plainville, Mass. Mesh bags. 179,979; Oct. 16.
Whiting, Harris E., doing business as Whiting Leather Belting Company, Long Island City, N. Y. Leather belting. 179,977; Oct. 23.
Whiting, Harris E., doing business as Whiting Leather & Belting Company, Long Island City, N. Y. Leather belting. 179,978; Oct. 30.
Whiting Paper Company, Holyoke, Mass. Writing paper and mailing envelopes. 178,888; May 22.
Whiting Paper Company, Holyoke, Mass. Writing papers, mailing envelopes, and printing papers. 180,161; July 3.
Whitlock Cordage Co., Jersey City, N. J., and New York, N. Y. Rope. 173,265; Mar. 20.
Whitlock Cordage Co., Jersey City, N. J., and New York, N. Y. Manila rope. 176,773; June 26.
Whitlock Cordage Co., Jersey City, N. J., and New York, N. Y. Vegetable-fiber rope. 182,370; Nov. 27.
Whitman, Clarence & Son, Inc., Katonah and New York, N. Y. Printed and piece-dyed silk and cotton and cotton fabrics. 177,713; June 26.
Whitman, Edmund B., doing business as Refinishing Products Co., Minneapolis, Minn. Liquid refinishing compound. 171,973; Feb. 27.
Whitman & Keith Co., Brockton, Mass. Publication issued periodically. 170,852; Feb. 27.
Whitman & Keith Co., Brockton, Mass. Boots and shoes. 171,974; May 8.
Whitman & Keith Co., Brockton, Mass. Boots and shoes. 172,311; Mar. 27.
Whitman, Samuel, New York, N. Y. Ladies' hats. 175,900; May 22.
Whitman, Stephen F., & Son, Philadelphia, Pa. Candy. 171,052; Apr. 3.
Whitman, Stephen F., & Son, Philadelphia, Pa. Instantaneous chocolate, marshmallow, whip, flash chocolate, jiffy milk cocoa, etc. 174,419; Aug. 21.
Whitman, Stephen F., & Son, Inc., Philadelphia, Pa. Chocolates. 165,322; Jan. 2.
Whitman, Stephen F., & Son, Incorporated, Philadelphia, Pa. 177,642; Aug. 14.
Whitman, Ward & Lee Co., Boston, Mass. Fresh fish which have been subjected to a pickling. 176,147; July 17.
Whitmore, William A., doing business as Blackhawk Remedy Co., Baltimore, Md. Liniment for treatment of headache, neuralgia, etc. 185,887; Nov. 13.
Whitney & Davis Company, Plainville, Mass. Metal plates for removing foreign matter from or in cleansing metal ware. 185,275; Dec. 11.
Whitney, Henry A., doing business as The Vigorex Co., Woonsocket, R. I. Beverage and a sirup for making same. 168,285; Sept. 18.
Whitney, Henry A., Providence, R. I. Medicinal wafers for bronchial troubles. 179,760; Aug. 21.
Whitney, J. C., Company, Chicago, Ill. Tea. 167,035; Jan. 23.
Whitney Metal Tool Company, Rockford, Ill. Metal punching tools and dies. 175,586; May 29.
Whitney, Vincent Company, San Francisco, Calif. Casement-window supports. 180,091; Aug. 14.
Whitsitt, Sarah G., doing business as Bestyett Food Company, Fort Worth, Tex. Salad dressing. 183,616; Oct. 30.
Whitt, Louella, Malvern, Iowa. Disinfectant. 177,059; July 31.
Whittall, M. J., Associates, Worcester, Mass. Wilton and plush carpets. 167,063; Mar. 13.
Whittall, M. J., Associates, Worcester, Mass. Wilton and plush carpets. 167,064; May 15.
Whittall, M. J., Associates, Worcester, Mass. Wilton and plush carpets. 167,065; Aug. 14.
Whittemore Brothers Corporation, Cambridge, Mass. Preparation for cleaning velvet, silk, etc. 184,273; Nov. 13.
Whittier, Charles T., New York, N. Y. Baking powder. 175,692; Aug. 21.
Whitworth & Mitchell, Limited, Manchester, England. Cotton piece goods. 167,859; Nov. 13.
Whiz Co., The. (See Jones, Vess.)
Wholesale Distributors Co., The, Chicago, Ill. Canned fruits, vegetables, milk, chowchow, etc. 157,466; Oct. 2.
Whyte Commission Company, Pine Bluff, Ark. Stock, dairy, poultry, etc., feed and wheat flour. 169,107; Mar. 27.
Whyte Commission Company, Pine Bluff, Ark. Stock feed. 169,108; Mar. 27.
Whyte Commission Company, Pine Bluff, Ark. Stock, dairy, and poultry feed. 169,109–10; Mar. 20.

Wiarda & Hall Acid Works Inc., Brooklyn, N. Y. Heavy chemicals and acids. 169,106; Mar. 20.
Wichert Inc., Brooklyn, N. Y. Boots, shoes, and slippers. 174,806; May 22.
Wichita Eagle, The. (See Murdock, Victoria, Estate.)
Wichita Flour Mills Co., The, Wichita, Kans. Wheat flour. 162,654–5; Jan. 23.
Wickes Boiler Company, The, Saginaw, Mich. Steel boilers. 162,860; July 3.
Wickes, Wm. Wirt, & Son, New York, N. Y. Molasses. 176,930; Aug. 14.
Wicks & Greenman, Utica, N. Y. Boys' clothing. 174,351; Oct. 23.
Wicks Pharmacal Co., Sparrows Point, Md. Healing salve. 175,418; Dec. 18.
Widdis, Albert, doing business as Tawas Candy Company, Tawas City, Mich. Candy. 184,777; Dec. 11.
Widmaier, William H., Omaha, Nebr. Bread. 175,587; Sept. 25.
Wiegand, William D., doing business as Bureau of Formulas, Baltimore, Md. Insecticide, deodorant, and disinfectant. 171,395; May 15.
Wiegel Candy Co., Tacoma, Wash. Candy. 164,017; Apr. 10.
Wielands Incorporated, doing business as Frederickburg Brewing Company, San Francisco, Calif. Alcoholic malt or cereal beverages. 177,942; Aug. 21.
Wiener, Ben., & Co., New York, N. Y. Clothing for boys. 176,931; Sept. 11.
Wiener, Nathan, New York, N. Y. Underwear, brassières, bloomers, petticoats, etc. 179,694; Aug. 14.
Wigart, John, doing business as The Glirr Mfg. Co., Brooklyn, N. Y. Artificial minnows. 182,946; Sept. 11.
Wigder, Bernard, doing business as The Wigder Manufacturing Co., Newark, N. J. Manicure implements. 159,341; Oct. 2.
Wiggin, Henry, & Company Limited, Parade, Birmingham, England. Resistance wires of copper, nickel, iron, or of combinations or alloys of these metals. 170,345; Apr. 17.
Wiggin, Henry, & Company Limited, Parade, Birmingham, England. Nickel-chrome-steel alloy. 172,709; Apr. 17.
Wiggin, J. F., doing business as Kyograph Photo System, New York, N. Y. Photographs. 162,154; Aug. 7.
Wikoff, Fred D., Company, Red Bank, N. J. Poultry foods. 159,675; Nov. 6.
Wilber, M., Dyer Company, The, New York, N. Y. Pyjamas. 179,463; July 10.
Wilcox, Edgar A., doing business as Tween-Meal Products Co., Los Angeles, Calif. Honey, marmalade, candied fruits, peanut roll, etc. 169,883; Apr. 24.
Wilcox Mofflin Limited, Sydney, New South Wales, Australia. Hides, skins, tallow, and wool. 171,113; Oct. 23.
Wilcox Motor Parts & Manufacturing Company, Saginaw, Mich. Tappets and poppet valves for explosion engines. 173,546; May 1.
Wilde, L. Béla, Brooklyn, N. Y. Children's dresses and frocks. 167,666; Mar. 27.
Wilde, Louis J., Los Angeles, Calif. Gasoline. 183,784; Nov. 27.
Wilde, Louis J., Los Angeles, Calif. Lubricating oil, gasoline, kerosene, and sump oil. 183,785; Nov. 6.
Wilder & Jacobs, Boston, Mass. Processed coffee. 175,045; June 19.
Wilder-Pike Thermometer Company, Inc., Troy, N. Y. Thermometers. 176,702; May 1.
Wildfire Battery Co. (See Brownell, Leigh E.)
Wile, E. J., & Co., New York, N. Y. Woolen piece goods. 181,926; Sept. 11.
Wile, Frederic W., Washington, D. C. Title for a newspaper column. 179,076; Aug. 7.
Wile, Julius, Sons & Co., New York, N. Y. Tooth paste, cold cream, talcum powder, and perfume. 175,828; June 26.
Wile, Julius, Sons & Co., New York, N. Y. Oilcloth. 175,829; Apr. 3.
Wile, M., & Co., Buffalo, N. Y. Monthly publication. 173,547; May 1.
Wilensky, S., London, England. Needles or styli for phonographs. 174,225; Feb. 20.
Wiley, Glen M., Dayton, Ohio. Excavating and hoisting machines. 182,029; Nov. 20.
Wilh, Bleyle, G. m. b. H., Stuttgart, Germany. Suits, dresses, coats, and underwear. 179,292; Nov. 6.
Wilhelm, Henry, Company, Pittsburgh, Pa. Sheet glue. 178,319–20; May 29.
Wilhoite, Evans & Cohn Inc., Los Angeles, Calif. Overalls, men's work clothing. 184,882; Nov. 20.
Wilke, Rose. (See Sherman, Bernard E., assignor.)
Wilkes-Barre Choc. Co., Wilkes-Barre, Pa. Chocolates and candies. 142,863; Feb. 27.
Wilkin & Adler, Inc., New York, N. Y. Camel's-hair cloth in the piece. 171,717; Jan. 2.
Wilkin & Adler, Inc., New York, N. Y. Camel's hair cloth in the piece. 172,710; Feb. 13.
Wilkin & Adler, Inc., New York, N. Y. Ladies' coats and suits. 176,519; June 19.
Wilkins, E. J., Co., Gloversville, N. Y. Coin purses, pocketbooks, hand bags, roll-ups, etc. 175,448; June 19.
Will & Baumer Candle Co., Inc., Syracuse, N. Y. Stearic acid. 179,695; Aug. 7.
Willamette Valley Canneries, Inc., Portland, Oreg. Canned fruits and vegetables. 167,443; Apr. 10.
Willard Storage Battery Company, Cleveland, Ohio. Storage batteries and parts thereof. 166,757; Apr. 24.
Willats, Marietta B., doing business as Dolly Varden Co., Los Angeles, Calif. Bath balm, hair pomade, sachets, beautifiers, etc. 172,628; Mar. 6.
Willcomb, George, Company, Boston, Mass. Cotton piece goods. 167,282; Oct. 23.
William, J. H., & Co., Brooklyn, N. Y. Wrenches, vises, etc. 149,873; July 24.
Williams, Arthur A., doing business as Arthur Williams Shoe Company, Holliston, Mass. Leather used in manufacturing and repairing shoes. 178,421; July 17.
Williams, August, Perth Amboy, N. J. Candy. 179,980; Aug. 7.
Williams, D. S., doing business as Williams Brothers & Company, Wilkes-Barre, Pa. Canned vegetables, canned milk, catchup, flavoring extracts for foods, and mincemeat. 161,077; May 1.
Williams. D. T.. Valve Company, The, Cincinnati, Ohio. Valves. 172,567–8; Mar. 6.
Williams, F. Graham, Brick Co., Inc., Atlanta, Ga. Bricks. 169,044; Nov. 20.
Williams Food Co., San Francisco, Calif. Pickles, catchup, tomato paste, vinegar, mustard, etc. 161,603; Feb. 6,
Williams, Frank C., Inc., doing business as Frank C. Williams, Easton, Pa. Wheat flour. 167.277; Apr. 3.
Williams, J. B., Company, The, Glastonbury, Conn. Soap. 162,790; Sept. 25.
Williams, J. B., Company, The, Glastonbury, Conn. Preparation for the hair and beard. 168,952; Jan. 30.
Williams, J. B., Company, The, Glastonbury, Conn. Toilet powders, toilet waters, after-shaving lotions, etc. 182,525; Dec. 4.
Williams, J. B., Company, Glastonbury, Conn. Toilet and shaving soap. 185,547; Nov. 20.
Williams, J. B., Company, The, Glastonbury, Conn. Soap. 185,806; Nov. 20.
Williams, J. H., & Co., Brooklyn, N. Y. Clamps, lathe dogs, vises, wrenches. 160,220; Sept. 25.
Williams, J. H., & Co., Brooklyn, N. Y. Pipe wrenches. 172,249; Feb. 20.
Williams, J. S., doing business as The Williams Stained Shingle Co., Vancouver, Wash. Stained wooden shingles. 180,916; Aug. 7.
Williams, Jno. G., Widener, Ark. Medicinal preparation in the nature of a purgative and liver medicine. 168,626; Apr. 10.
Williams Manufacturing Company, The, Portsmouth, Ohio. Leather puttees. 181,799; Sept. 11.
Williams, Martin & Gray, Inc., also doing business as Seaboard Chemical Company, Norfolk, Va. Insecticide. 179,909; Aug. 21.
Williams, Percy, Los Angeles, Calif. Photographic enlargement easels. 162,973; Jan. 30.
Williams, Percy B. T., Philadelphia, Pa. Toothbrushes. 176,389–91; Apr. 17.
Williams-Richardson Company, Ltd., New Orleans, La. Hosiery, underwear, and shirts. 149,881; Aug. 7.
Williams & Robechaud, Milwaukee, Wis. Auto locks. 180,570; July 10.
Williams, Thomas S., Republic, Wash. Preparation for the removal of dandruff and the treatment of scalp and skin diseases. 179,636; July 17.
Williams, Violet V., Berkeley, Calif. Hair tonic. 171,438; Feb. 20.
Williams, William J., assignor to The Helsbels Company, a trust estate, Chicago, Ill. Electric alarm and signal devices for automobiles and motor trucks. 148,469; Feb. 20.
Williamson, Bailey F., Gainesville, Fla. Rock used in the manufacture of artificial stone. 183,727; Oct. 30.
Williamson-Halsell-Frasier Co., The, Oklahoma, Okla. Vinegar, raisins, canned vegetables, fruits, milk, etc. 165,323; Nov. 6.
Williamson Heater Company, The, Cincinnati, Ohio. Heated-cabinet laundry driers. 169,461; Feb. 27.
Williamson Heater Company, The, Cincinnati, Ohio. Heated cabinet laundry driers. 180,730; Oct. 9.
Williamson Heater Company, The, Cincinnati, Ohio. Heated cabinet laundry driers. 180,821; Oct. 9.
Williamson, Homer J., Indianapolis, Ind. Candies. 167,857; Feb. 6.
Williamson, Jas., & Son. (See Ashton, James, Baron.)
Williamsport Leather Goods Company, Williamsport, Pa. Gun and rifle cases, revolver and pistol holders, and belts. 168,396; Mar. 20.
Williamsport Wire Rope Distributing Company, Houston, Tex., and Tulsa, Okla. Wire rope. 167,746; Jan. 9.
Wills, George, and Sons, Ltd., London, England, and San Francisco, Calif. Canned fruits, vegetables, fish, and jam. 163,159; Mar. 27.
Wills, George, and Sons, Ltd., London, England, and San Francisco, Calif. Turpentine substitute. 163,160; June 26.
Wills, George, & Sons, Ltd., London, England, and San Francisco, Calif. Canned fruits. 163,721; Mar. 27.
Wills, George, and Sons, Ltd., London, England, and San Francisco, Calif. Hosiery. 163,722; Apr. 3.

Alphabetical list of trade-mark applicants—Continued.

Wills, Norman L., New York, N. Y. Preparation for washing clothes and a household cleaner for washing woodwork, etc. 169,341; Jan. 2.
Willis, Norton & Co., North Topeka, Kans. Wheat flour. 177,884; Nov. 13.
Willis Norton & Co., North Topeka, Kans. Wheat flour. 182,325; Oct. 2.
Willner & Maiman, Brooklyn, N. Y. Eggs and butter. 173,220; May 1.
Willow Weaving Co. Inc., New York, N. Y. Cravats. 179,576; July 17.
Willowbrook Chemical Works, Los Angeles, Calif. Lubricating oil. 180,459; Sept. 4.
Willows, Francis, Butler & Thompson, Limited, London, England, and The Plains, Va. Remedy for worms in dogs. 167,113; May 29.
Willson Goggles, Inc., Reading, Pa. Ophthalmic mountings and parts thereof. 180,403; July 17.
Willson Goggles, Inc., Reading, Pa. Ophthalmic mountings and parts thereof. 185,276; Dec. 25.
Willys-Overland Company, The, Toledo, Ohio. Pneumatic tires for motor-driven vehicles. 123,149; Feb. 27.
Willys-Overland Company, The, Toledo, Ohio. Passenger-carrying automobiles. 185,946; Dec. 25.
Wilmington Provision Company, Wilmington, Del. Packing-house products. 158,808–9; Dec. 4.
Wilmot, Julius C., doing business as Stayshyn Co., Milton, Mass. Preparation for polishing and cleaning automobiles, pianos, etc. 172,139; Jan. 9.
Wilson Brothers, Chicago, Ill. Hosiery. 135,121; July 17.
Wilson Brothers, Chicago, Ill. Men's dress and negligee shirts, pyjamas, and underwear of textile fabric. 170,320; May 8.
Wilson, C. F., Wichita, Kans. Salve for the treatment of cuts, bruises, wounds, and sores. 158,068; Jan. 2.
Wilson, Francis M., Williamstown, Mass. Apples, plums, cherries, grapes, pears, and peaches in their natural state. 165,470; Feb. 20.
Wilson, G. N. W., Tacoma, Wash. Razor strops. 164,684; Apr. 24.
Wilson, George T., doing business as Dew-On Company, Cleveland, Ohio. Preparations for germicidal, insecticidal, and deodorant purposes and for exterminating cockroaches, etc. 185,277; Nov. 27.
Wilson & Glenny, Ltd., Hawick, Scotland. Men's overcoats, suits, caps, shirts, collars, and shoes of leather, rubber, etc. 159,909; Feb. 27.
Wilson & Glenny, Ltd., Hawick, Scotland. Cloths and stuffs of wool, worsted or hair, vestings, cotton and linen cloths. 159,910; Feb. 20.
Wilson-Imperial Company, Newark, N. J. Liquid for cleaning fabrics. 170,850; May 1.
Wilson Instrument & Specialty Company, Passaic, N. J. Welding preparation. 183,429; Nov. 13.
Wilson, John M., doing business as Meridian Grain & Elevator Company, Meridian, Miss. Scratch, dairy, hog, horse, and mule feed. 163,301; Mar. 27.
Wilson, John M., doing business as Meridian Grain Elevator Company, Meridian, Miss. Horse and mule feed, ox, hog, scratch, and dairy feed. 175,536; June 19.
Wilson, John M., doing business as Meridian Grain & Elevator Company, Meridian, Miss. Horse, mule, hog, dairy, ox, and scratch feeds. 178,649; Sept. 11.
Wilson, Kathryn S., Seattle, Wash. Paper and wooden toys. 141,339; Feb. 20.
Wilson, M. D., Dunning S., French Lick, Ind. Bread. 165,050; May 8.
Wilson, Marie L., Atlantic City, N. J. Corn salve. 165,251; Apr. 10.
Wilson Tea Co., Seattle, Wash. Tea. 176,053–4; Aug. 28.
Wilson Tea Co., Inc., Seattle, Wash. Coffee. 177,885; July 24.
Wilson, Thos. E., & Co., Chicago, Ill. Athletic outfits, 170,169–70; Jan. 30.
Wilson, Thos. E., & Co., Chicago, Ill. Golf balls. 182,948–9; Nov. 6.
Wilson Welder & Metals Company, Inc., New York, N. Y. Electric welding machines, cables, resistance units, etc. 118,198; July 10.
Wilsonville Roller Mills. (See Laux, John.)
Wilton Manufacturing Co. Inc., The, New York, N. Y. Cotton piece goods. 177,536; July 24.
Wilton Manufacturing Company, Inc., New York, N. Y. Cotton piece goods. 177,718; May 15.
Wilton Manufacturing Company, Inc., New York, N. Y. Cotton piece goods. 179,288–9; June 5.
Wilton Manufacturing Company, Inc., New York, N. Y. Cotton piece goods. 180,038–9; July 3.
Wilton Manufacturing Company, Inc., New York, N. Y. Cotton piece goods. 181,507; Aug. 7.
Wilton Manufacturing Company, Inc., New York, N. Y. Cotton piece goods. 183,786–7; Sept. 18.
Wilton Manufacturing Company, Inc., New York, N. Y. Cotton piece goods. 185,773; Nov. 20.
Wilton Manufacturing Company, Inc., New York, N. Y. Cotton piece goods. 185,774–5; Nov. 13.
Wilton-Plantz Candy Company, The, Valdosta, Ga. Manufactured candy with nuts into a "nut bar." 154,540; May 1.
Wimelbacher & Rice, New York, N. Y. Fabric and skin gloves. 151,775; Aug. 7.
Wimelbacher & Rice, New York, N. Y. Fabric gloves. 175,046; Sept. 11.
Wimpfheimer, Lloyd A., New York, N. Y. Golf balls. 171,776; Jan. 30.
Winarick, Arthur, New York, N. Y. Face powders, face creams, perfumes, etc. 177,720; July 10.
Wish, Fred A., Incorporated, New York, N. Y. Handkerchiefs and cotton goods in the piece. 182,636; Oct. 9.
Wishnevitz, Jacob, New York, N. Y. Boys' and men's suits and overcoats. 179,251: Oct. 16.
Winarick, Arthur, New York, N. Y. Face powders, face creams, perfumes, toilet waters, rouges, etc. 167,153; Feb. 13.
Winberg, W. Wm., Wilmette, Ill. Silver polish, straw hat and fabric cleaners. 145,379; May 22.
Winchell, M. M., Co., Pasadena, Calif. Corn salve. 180,092; Sept. 11.
Winchell, M. M., Co., Pasadena, Calif. Preparation for the treatment of piles. 180,093; Aug. 28.
Winchester Company, The, New Haven, Conn. Golf bags. 176,055; Apr. 24.
Winchester Repeating Arms Co., New Haven, Conn. Handled axes, hatchets, hammers, screwdrivers, and chisels. 169,512; Mar. 6.
Winchester Repeating Arms Co., New Haven, Conn. Pocketknives. 175,693; May 29.
Winchester Repeating Arms Co., New Haven, Conn. Soft-tone flat wall paint, colors in oil, zinc paste, etc. 175,751; Sept. 11.
Wincroft Stove Works, Middletown, Pa. Gas ranges. 180,636; Sept. 4.
Windmill Food Products Company, New York, N. Y. French dressing. 170,171; Apr. 17.
Windsor Polish Co., Windsor, Vt. Polishes for painted, varnished, etc., surfaces. 184,883; Nov. 13.
Wineberg Pure Beverage Company. (See Spurgeon, Mathias O.)
Winfield Manufacturing Company, The, Warren, Ohio. Sheet-metal cans for coal oil and gasoline. 164,139; Mar. 13.
Wing Lee Wai Company, San Francisco, Calif. Medicinal herb preparation used as a general tonic. 172,304; Mar. 6.
Wing Lee Wai Company, San Francisco, Calif. Medicinal herb preparation used as a general tonic. 172,364; May 15.
Wing Lee Wai Company, San Francisco, Calif. Medicinal herb preparation used as a general tonic. 172,569–70; May 15.
Wingen, Anton, jr., Solingen, Germany. Razors and scissors. 160,169; Feb. 27.
Winning, Rattner Co., New York, N. Y. Boys' suits and overcoats. 185,396; Nov. 20.
Winorr Canning Company, The, Circleville, Ohio. Canned vegetables. 180,917; Aug. 21.
Winslow Boiler & Engineering Co., Chicago, Ill. Heat-generating plants comprising oil tanks, motors, fans, etc. 158,025; Feb. 27.
Winslow Carmi, doing business as Mutual Products Company, Minneapolis, Minn. Stock food. 160,376; Mar. 20.
Winslow, Samuel, Skate Mfg. Co., The, Worcester, Mass. Ice skates. 175,975; May 29.
Winston, Harper, Fisher Company, Minneapolis, Minn. Canned oysters, salmon, sardines, apricots, etc. 166,120; Aug. 7.
Winston, John C., Co., The, Philadelphia, Pa. Printed books issued in continuing series. 136,863; Jan. 2.
Winter, Charles A., doing business as Duds Co., New York, N. Y. Washing compounds. 172,500; Feb. 20.
Winter Machine Company, Pawtucket, R. I. Refrigerating and ice-making apparatus. 145,864; Apr. 3.
Winter, R., Limited, Birmingham, England. Flour, bread, biscuits, and cake. 185,325; Dec. 25.
Winters Canning Company, Suisun City, Calif. Canned fruits and vegetables. 164,570; Mar. 6.
Winters, Jonathan H., Company, The. Long-term and installment bonds. 180,314; Sept. 11.
Wire Wheel Corporation of America, Buffalo, N. Y. Metal disk for motor vehicles and parts thereof. 178,793; July 17.
Wireless Spitzescope Co., The, San Francisco, Calif. Apparatus for determining by return vibration the distance between two objects. 179,290; Aug. 14.
Wirfs, Edward J., St. Louis, Mo. Weather strips. 170,230; Mar. 27.
Wirick, Carey G., doing business as Lion Oil Company, Chicago, Ill. Petroleum, kerosene, gasolene, etc. 179,910; Sept. 18.
Wirth-Concordade Company, Providence, R. I. Grape juice. 169,662; Jan. 30.
Wisconsin Candy Co., Plymouth, Wis. Chocolates. 155,654; Feb. 27.
Wisconsin Macaroni Company, Chicago, Ill. Macaroni. 158,205; Dec. 18.
Wisconsin Rubber Mills Co. (See La Crosse Rubber Mills Co.)
Wise, Ira O., Marionville, Mo. Butter. 178,650; Dec. 11.
Wise, Leo, Cincinnati, Ohio. Tools for general use. 151,968; Feb. 27.
Wiseman, Carl M., Louisville, Ky. Finger ring and magnifying glasses. 176,520; July 3.

Alphabetical list of trade-mark applicants—Continued.

Wish, Fred A., Incorporated, New York, N. Y. Metal and paper fancy containers and boxes. 180,638; July 3.
Wish, Fred A., Incorporated, New York, N. Y. Bath soap. 180,639; July 24.
Wish, Fred A., Incorporated, New York, N. Y. Rubber balloons and inflated balls, toy and doll furniture, etc. 180,640; Aug. 21.
Wish, Fred A., Incorporated, New York, N. Y. Stationery. 180,641; July 10.
Wish, Fred A., Incorporated, New York, N. Y. Hosiery, sleeping garments, bibs, and aprons. 180,642; July 24.
Witcherie Laboratory. (See Forgey, Charles L.)
Withers Brothers, Los Angeles, Calif. Fresh vegetables, deciduous and citrus fruits, etc. 165,735; Mar. 6.
Witman, Frank R., doing business as Frank R. Witman Phonograph Supply Company, Putnam, Conn. Phonograph accessories. 170,964; Apr. 24.
Witmark, M., & Sons, New York, N. Y. Sheet music. 179,122; June 26.
Witt, John A., doing business as Wittfield Mfg. Co., Los Angeles, Calif. Sewing boxes and tailor traps. 168,818; Feb. 27.
Wittenberg, Armin H., doing business as Mission Hosiery Mills, Los Angeles, Calif. Hosiery, sweaters, and knitted underwear. 178,321; July 10.
Wittfield Mfg. Co. (See Witt, John A.)
Wittnauer, A., Co., New York, N. Y. Watches. 181,327; July 24.
Wix, Ernest T., doing business as Wixated Iron Co., Sioux City, Iowa. General tonics. 166.729; Nov. 13.
Wixated Iron Co. (See Wix, Ernest T.)
Wiz Dress Company. (See Morgen, Abraham H.)
Wizard Lightfoot Appliance Company, St. Louis, Mo. Zinc-oxide pads. 178,322; July 10.
Wizard Phonograph Company, Chicago, Ill. Phonographs. 184,630; Dec. 4.
Wizard Products Company, Chicago, Ill. Twisted-wire brushes. 164,682; Aug. 21.
Wodicska, Luise, doing business as Ex Pilo Manufacturing Company, New York, N. Y. Preparations for the treatment of piles. 173,616; May 8.
Woitkevich, John, Worcester, Mass. Medicine for the treatment of epileptic maladies. 180,822; Nov. 20.
Wojciechowski, Floryan P., doing business as O-Ko Remedy Products Co., Toledo, Ohio. Ointment, liniment, and cough sirup. 181,328; Aug. 14.
Wojciechowski, Roman H., doing business as Valona Manufacturing Co., Brooklyn, N. Y. Liquids and ointments for scalp and skin. 179,123; Aug. 14.
Wolcott, Herbert, doing business as Judee Laboratories, Red Bank, N. J. Medicinal preparation to be used as a prophylactic, antiseptic, and germicide. 175,588; May 15.
Wolf Brothers, Philadelphia, Pa. Window envelopes. 178,942; June 5.
Wolf Company, The, Chambersburg, Pa. Milling machinery. 167,062; Jan. 2.
Wolf Creek Soap Works Company, The, near Dayton, Montgomery County, Ohio. Soaps. 157,744; Apr. 24.
Wolf, Fred, doing business as Wolf Milling Co., Ellinwood, Kans. Wheat flour. 162,656; Jan. 30.
Wolf, Helen E., New York, N. Y. Ladies' and children's dresses. 173.803; June 5.
Wolf, Joseph E., doing business as J. E. Wolf Advertising Co., Boston, Mass. Printing, stamping, embossing, lithographing, and engraving work in connection with stationery. 144,209; Oct. 16.
Wolf Milling Co. (See Wolf, Fred.)
Wolf, Philip, doing business as The Wolf Waist Shop, Wallingford, Conn. Brassières. 173,989; Apr. 10.
Wolf Waist Shop, The. (See Wolf, Philip.)
Wolfe, Abraham, doing business as Wolfe's Shoe Store, Plattsburg, N. Y. Corn salve. 176,866; Aug. 21.
Wolfe Leather Co., Boston, Mass. Leathers. 176,392; May 22.
Wolfe, William F., doing business as Clarion Cigar Co., Clarion, Pa. Cigars. 170,420; Jan. 16.
Wolff, A. H., Gas Radiator Co., The, New York, N. Y. Gas heaters. 164,394; Jan. 30.
Wolford, John C., Newark, Ohio. Soap. 183,461; Nov. 13.
Wolfson, I. D., Inc., New York, N. Y. Neckties. 171,005; June 5.
Wolin, L. A., Company, The, Cleveland, Ohio. Blouses, dresses, skirts, suits, and sweaters. 149,875; Feb. 13.
Wollgarnfabric Fulda G. m. b. H., Fulda, Germany. Wool yarn. 171,677; Mar. 27.
Wolverine Brass Works, Grand Rapids, Mich. Sink bibs, sink cocks, faucets, bath cocks, etc. 182,783; Sept. 25.
Wolverine Lubricants Co. of New York, New York, N. Y. Lubricating oils. 179,504; July 24.
Womack, Maggie H., doing business as Fulton Lime & Cement Co., Atlanta, Ga. Composition roll and composition shingle roofings. 164,985; Jan. 30.
Woman's World Magazine Co., Inc., Chicago, Ill. Quarterly magazine. 177,342; May 22.
Womble Chemical Company, Womble, Ark. Hair tonic. 174,714; Apr. 24.
Wommer, Frederic, Minneapolis, Minn. Radio receiving sets and parts thereof. 173,548; Mar. 27.
Wonder Gloss Laboratories, Jasper, Ala. Liquid compound in the nature of a furniture and automobile polish. 168,233; Jan. 9.
Wonder Grain Cleaner Company, The, St. Paul, Minn. Grain-cleaning machines. 151,341; Jan. 9.
Wonder-Knit Mills, Union Hill, N. J. Sweaters, bathing suits, mufflers, etc. 183,810; Sept. 25.
Wonder Medicine Company, Atlanta, Ga. Medicinal tonic. 172,313; May 8.
Wonder Portable Dishwasher Company, Oakland, Calif. Electrical dishwashing machines. 182,454; Oct. 23.
Wonder Products Company. (See Levey, Samuel B.)
Wonderlay Company, The. (See Getz, Vernon C.)
Wonderlay Milling Company, Indianapolis, Ind. Poultry feed. 177,343; Sept. 25.
Wonderlite Products Company, Casper, Wyo. Complexion clay. 184,484; Dec. 4.
Wondruschka-Duda Company, New York, N. Y. Cutting and lubricating oil composed of cotton oil, tallow, and soap. 170,555; Jan. 9.
Wood Brothers Thresher Company, Des Moines, Iowa. Thrashing machines. 180,350; Aug. 14.
Wood, Clara L., doing business as Snapo Food Products Company, New York, N. Y. Highly-seasoned sauce for use on meat and fish. 139,240; May 15.
Wood Conversion Company, Cloquet, Minn. Insulating material. 167,790; Jan. 9.
Wood Craft Company, St. Pahl, Minn. Electric batteries. 182,030; Aug. 21.
Wood, De Forrest, Kipton, Ohio. Insecticide. 170,917; Feb. 20.
Wood, H. W., doing business as Nutwood Vineyard, Oakland, Calif. Fresh deciduous fruits. 169,511; Mar. 6.
Wood Hydraulic Hoist & Body Company, Detroit, Mich. Hydraulic hoists and their parts. 173,801; Apr. 10.
Wood, J. R., & Sons, New York, N. Y. Finger rings. 186,344; Dec. 11.
Wood, John T., St. Louis, Mo. Metal polishes. 179,981; Sept. 11.
Wood Newspaper Machinery Corporation, New York, N. Y. Stereotype casting, cooling, and finishing machines. 186,735–6; Dec. 4.
Wood & Smith, Inc., Lewiston, Me. Children's leather shoes. 179,077; Aug. 28.
Wood, T. W., & Sons, Richmond, Va. Scratch food for fowl. 167,792; Mar. 20.
Wood, T. W., & Sons, Richmond, Va. Plant food. 172,251; Feb. 20.
Wood, T. W., & Sons, Richmond, Va. Section of a catalogue published monthly. 174,682; Apr. 24.
Wood, W. Lloyd, Limited, Toronto, Ontario, Canada. Antiseptic solution, mouth wash, tooth paste, etc. 172,308; May 15.
Woodard, Clarke & Co., Portland, Oreg. Combination steel and elastic trusses. 147,174; Jan. 9.
Woodard, Princetta, Chattanooga, Tenn. Hair grower, pressing oil, temple grower, and corn salve. 178,486; Aug. 28.
Woodford, Elliott C., doing business as The Woodford Pharmacy, Owego, N. Y. Ointment for the treatment of colds, bronchitis, catarrh, etc. 185,641; Dec. 11.
Woodruff, George W., doing business as Woodruff Manufacturing Co., Winder, Ga. Empty bags or nets for containing laundry. 179,388; Nov. 13.
Woods, C. G., Chemical Co. (See Woods, Charles G., jr.)
Woods, Charles G., jr., doing business as C. G. Woods Chemical Co., Glendale, Calif. Poisonous mixture for the destruction of rats and rodents. 170,346; Feb. 6.
Woods, Ernest W., Los Angeles, Calif. Liquid waterproof refinisher. 177,886; July 10.
Woodward & Bowman, Norwood, Mass. Creepers, rompers, suits, and dresses. 176,393; Oct. 16.
Woodward, J. H., Company, Minneapolis, Minn. Icing sugar. 155,726; Jan. 9.
Woodward, John G., & Co. (Inc.), Council Bluffs, Iowa. Candy. 176,238; July 3.
Woodward & Lothrop, Washington, D. C. Corsets. 166,423; Jan.
Wool, F. G., Packing Company, San Jose, Calif. Canned fruits, fruit salad, and vegetables, dried fruit. 172,071; May 1.
Wool, F. G., Packing Company, San Jose, Calif. Canned fruits. 185,168; Dec. 4.
Woolfolk, W. T., doing business as Woolfolk Coffee Company, Lexington, Ky. Coffee. 147,856; Aug. 14.
Woolley, Daniel P., New York, N. Y. Bread. 181,360; Sept. 25.
Woolley, Daniel P., New York, N. Y. Bread. 181,363–4; Sept. 25.
Woolley, Daniel P., New York, N. Y. Bread. 181,367; Sept. 25.
Woolley, Daniel P., New York, N. Y. Bread. 181,369; Sept. 25.
Woolner & Smith, New York, N. Y. Men's overcoats and suits. 177,060; Aug. 14.
Woolsen Spice Co., The, Toledo, Ohio. Teas and spices. 158,664; Sept. 4.
Woolsey, C. A., Paint & Color Company, Jersey City, N. J., Enamel paint. 173,267; Feb. 13.
Woolsey, C. A., Paint & Color Company, Jersey City, N. J. Enamel paint. 183,326; Nov. 6.

Woolworth, F. W., Co., Watertown and New York, N. Y. Tape and braid of all kinds. 177,807; May 8.
Wopsy Poultry Yards. (See Parks, Joseph W.)
Worcester Bleach & Dye Works Co., Worcester, Mass. Cotton glazed braider thread. 185,642; Oct. 30.
Worden Grocer Company, Grand Rapids, Mich. Epsom salts, cream tartar, spirits of camphor, etc. 145,375; Feb. 20.
Work Savers Company. (See Eastmond, John E.)
Workman Manufacturing Company, The, Chicago, Ill. Stationery envelope blanks. 171,882; Feb. 6.
World Color Printing Company, The, St. Louis, Mo. Title for cartoons. 182,390–1; Oct. 16.
World Match Corporation, New York, N. Y. Book matches. 170,321; Jan. 30.
World Publication Company, Los Angeles, Calif. Weekly Newspaper. 172,571; Feb. 27.
Worrell, Lola C., doing business as The Flapper Novelty Doll Co., New York, N. Y. Dolls. 178,652; May 29.
Wortendyke Manufacturing Co., Richmond, Va. Toilet paper, paper towels. 166,864; June 19.
Wortendyke Manufacturing Co., Richmond, Va. Toilet paper and paper towels. 171,192; Apr. 3.
Wortendyke Manufacturing Co., Richmond, Va. Toilet paper. 179,911; June 19.
Wortendyke Manufacturing Co., Richmond, Va. Paper bags. 183,546; Oct. 16.
Wortendyke Manufacturing Company, Richmond, Va. Twine. 133,073; Jan. 2.
Worth, Jean C., assignor to Société Worth, Paris, France. Perfumes. 172,630; Aug. 7.
Worth While Garment Co., Hicksville, Ohio. Undergarments and nightgowns. 184,701; Nov. 20.
Worthen, C. B., Co., Cleveland, Ohio. Tables and other forms of supports for holding or supporting electric heating appliances. 165,220; Nov. 13.
Worthington Ball Company, The, Elyria, Ohio. Golf balls. 182,889; Dec. 25.
Worthington Pump and Machinery Corporation, New York, N. Y. Pumping machinery, pumps, apparatus for raising and forcing liquids, etc. 149,610; Jan. 23.
Worthley, Abbott, Marlboro, N. J. Fresh potatoes. 171,777; June 5.
Worthy Manufacturing Company, Chicago, Ill. Work shirts. 184,313; Oct. 16.
Worumbo Manufacturing Company, Bath, Me. Woolen piece goods. 174,375; Mar. 6.
Worumbo Manufacturing Company, Bath, Me. Woolen goods in the piece. 180,351; July 10.
Wray, Edward, Chicago, Ill. Monthly magazine. 171,975; Feb. 27.
Wright, Clair G., Kansas City, Mo. Men's underwear union suit. 181,097; Oct. 2.
Wright, G. F., Steel & Wire Company, Worcester, Mass. Wire rope and clothesline. 169,510; July 10.
Wright, M S., Company, Worcester, Mass. Mop or wiping member for attachment to a vacuum-cleaner nozzle. 175,175–6; Dec. 25.
Wright & Parker Company, Detroit, Mich. Bread, butter, eggs, coffee, tea, etc. 184,778; Nov. 27.
Wright's Underwear Company, Inc., New York, N. Y. Heavy outer shirts for sports wear and athletic training, jackets, outer shirts, sweaters, etc. 156,424; Jan. 30.
Wrigley, Wm., Jr., Company, Chicago, Ill. Sugar-coated chewing gum. 165,734; Feb. 6.
Wuest, Adam, Cincinnati, Ohio. Box springs and mattresses. 187,598; Dec. 18.
Wuest, Andrew A., Cincinnati, Ohio. Boys' and girls' hosiery. 177,419; July 10.
Wuest, Andrew A., Cincinnati, Ohio. Men's, women's, and children's hosiery. 181,800; Aug. 28.
Wundamova Company. (See Greever, William.)
Wunderlich, C. F., Co. Inc., New York, N. Y. Toilet preparation to be added to the bath for medicinal purposes. 178,943; Nov. 6.
Wurm, Joseph G., New York, N. Y. Hungarian goulash. 167,278; Feb. 27.
Wüsthof, Carl, Stahlwarenfabrik, Solingen, Germany. Knives, forks, spoons, razors, and scissors. 162,707; Sept. 25.
Wyandotte Olive Growers Association, Oroville, Calif. California ripe olives and olive oil. 162,789; Jan. 16.
Wykoff Company, The, Wheeling, W. Va. Cough medicine. 172,964; Mar. 13.
Wyman, Maurice, Baltimore, Md. Shoes made of leather, rubber, fabric, etc. 175,449; May 29.
Wyman, Partridge & Co., Minneapolis, Minn. Hair nets. 155,722; Mar. 13.
Wyman, Partridge & Co., Minneapolis, Minn. Yarn. 156,207; Apr. 3.
Wyman, Partridge & Company, Minneapolis, Minn. Linen and cotton handkerchiefs. 162,861; Mar. 6.
Wyman, Partridge & Co., Minneapolis, Minn. Hosiery. 176,306; June 19.
Wyman, Partridge & Co., Minneapolis, Minn. Underwear. 176,307; June 19.
Wyman, Partridge & Co., Minneapolis, Minn. Work and negligee shirts. 181,550; Aug. 7.
Wynne Lard & Provision Co., Inc., Norfolk, Va. Lard substitute. 170,459; Nov. 20.
Wynne Lard & Provision Co. Inc., Norfolk, Va. Lard substitute. 170,461; Nov. 27.
Wynne Lard & Provision Co., Inc., Norfolk, Va. Lard substitute. 170,462; Nov. 20.
Wynne Lard & Provision Co., Inc., Norfolk, Va. Lard substitute. 170,465; Nov. 20.
Wyoming Toy Mfg. Co., Wilkes-Barre, Pa. Toy coaster vehicles. 183,462; Oct. 2.
X-Cel-All Co., Ltd., The, Chicago, Ill. Electric-light globes. 187,499; Dec. 4.
Xcluso Auto Trunk & Specialty Corp., New York, N. Y. Hatboxes, suitcases, auto lunch kits, etc. 180,572; Aug. 21.
X-Ray Incubator Company, Des Moines, Iowa. Automobile bodies, motor-truck bodies, truck tops, motor-vehicle fenders, etc. 166,616; Jan. 2.
X-Tol Products Company, Dayton, Ohio. Lotion for the scalp, face, and hands. 175,752; May 29.
Y-P Laboratories. (See Yeager, George.)
Yagyu, James R., doing business as Ohio Medicine Co., Los Angeles, Calif. Vaginal suppositories. 179,022; Aug. 28.
Yale Cloak Co. Inc., New York, N. Y. Children's and ladies' coats and capes. 166,426; May 8.
Yale Electric Corporation, Brooklyn, N. Y. Batteries, battery cells, flash lights, lighting outfits. 171,718; Jan. 9.
Yancey, Darcey C., Wilson, N. C. Preparation for coughs, colds, croup, sore throat, etc. 163,531; Jan. 30.
Yantis, S. R., Milling Co., Fulton, Mo. Self-rising wheat flour. 169,041; Jan. 16.
Yantis, S. R., Milling Co., Fulton, Mo. Self-rising wheat flour. 169,042; Mar. 20.
Yardley & Co., Limited, London, England. Bath salt tablets, toilet water, hair lotion, complexion cream, etc. 174,376; June 26.
Yardley & Co., Limited, Stratford, London, England. Toilet soap. 174,377; May 1.
Yard-O-Meter Corporation, St. Louis, Mo. Devices for computing and measuring fabrics. 175,904; May 29.
Yardsmore Golf Club Manufacturing Company, New York, N. Y. Golf clubs and golf-club heads. 173,268; Oct. 23.
Yates, Claude R., doing business as Alexandria Coffee Company, Alexandria, Va. Coffee. 173,458; Sept. 4.
Yeager, George, doing business as Y-P Laboratories, Cincinnati, Ohio. Medicinal preparation for sore throat and irritated tonsils. 179,762; Oct. 23.
Yeagle, Curwen S., doing business as C. Y. Rubber Company, Baltimore, Md. Tube patches. 164,287; Nov. 6.
Yeast-O-Mint Co., The. (See Cobb, Richard H.)
Ye Olde Tyme Hard and Soft Pretzel Shop. (See Myers, Thomas A.)
Yellow Cab Manufacturing Co., Chicago, Ill. Automobile taxicabs. 171,976; May 22.
Yellow Cab Manufacturing Co., Chicago, Ill. Motor-driven passenger vehicles. 173,988; June 5.
Yellow Cab Manufacturing Co., Chicago, Ill. Motor-driven passenger vehicles. 176,105; June 5.
Yellow Cab Manufacturing Co., Chicago, Ill. Automobile taxicabs. 178,487–8; Aug. 28.
Yellow Cab Manufacturing Co., Chicago, Ill. Automobile taxicabs. 178,794; Nov. 27.
Yellow Cab Manufacturing Co., Chicago, Ill. Automobile taxicabs. 180,315; Nov. 27.
Yellow Cab Manufacturing Co., Chicago, Ill. Monthly periodical. 181,329; Sept. 11.
Yereshefsky, Isidore, doing business as I. & Y. Cigar Company, New York, N. Y. Cigars. 175,494; May 29.
Yoder, Thomas, Mfg. Co., The, Cleveland, Ohio. Valves and thermostatic controlling or operating means and parts of same. 171,678; Mar. 6.
Yorita, George, doing business as The Beia Company, Los Angeles, Calif. Perfumes. 166,617; Mar. 6.
Yo! Mammy's Milk Co. (See Lyons, Langston L.)
York Pretzel Bakery, York, N. Y. Pretzels. 172,790–1; May 8.
Yorkshire Dyeware & Chemical Company, Limited, The, Leeds, England. Dry powdered extract of logwood. 173,064; May 15.
Yost, Cora, doing business as Classy Fabrics Company, Philadelphia, Pa. Knit underwear. 181,712; Nov. 13.
Young Folks M'f'g. Co., New York, N. Y. Children's suits, wash suits, and play suits. 164,528; June 19.
Young Hat Company, The, Norwalk, Conn. Men's hats and caps. 175,375; May 8.
Young Inventions Inc., New York, N. Y. Hosiery. 167,750; Oct. 23.
Young, Joseph S., doing business as Gem Publishing Company, Cleveland, Ohio. Table game played with pieces. 172,812; Mar. 13.
Young, Sverre, Christiania, Norway. Knapsacks, baggage, and baggage devices, etc. 178,201–2; June 19.
Young, Thomas Inc., New York, N. Y. Linen piece goods. 181,231; Aug. 14.
Young & Wile, Ltd., New York, N. Y. Soap. 172,252; Mar. 6.
Young, William A. Co., New York, N. Y. Refined petroleum and petroleum products. 168,086; Jan. 23.
Youngsters Novelty Co. (See Rubinsky, Benjamin.)
Youngstown Barber Supply Co., The, doing business as Silver Bell Chemical Co., Youngstown, Ohio. Hair cream. 176,811; Dec. 4.
Youngstown Sheet and Tube Company, The, Youngstown, Ohio. Electric wiring. 182,845; Sept. 18.

Alphabetical list of trade-mark applicants—Continued.

Youngstown Welding Company, The, Youngstown, Ohio. Metal tanks. 170,231; Jan. 9.
Yount, Susie B., Louisville, Ky. System tonic. 177,809; Sept. 18.
Yund, Kennedy & Yund, Amsterdam, N. Y. Knitted outer wear. 168,657; Feb. 13.
Yund, Kennedy & Yund, Amsterdam, N. Y. Knitted outer wear. 168,658; Jan. 23.
Yunker, J. B., & Sons, Milwaukee, Wis. Leather. 167,037; Mar. 13.
Yurcich, Fred, Farrell, Pa. Reels upon which wire is wound. 162,233; Sept. 18.
Z. & S. Middy Company. (See Schwartz, Louis.)
Zabriskie, George A., New York, N. Y. Wheat flour. 167,155; June 5.
Zagat Inc., New York, N. Y. Laxative. 175,047; June 5.
Zales Bros., New York, N. Y. Hairpins, shoe laces, hair curlers, snap fasteners, garter rings, straight pins, etc. 160,270; Feb. 27.
Zangmaster, John E., Columbus, Ohio. Coated ice-cream products. 158,352; Aug. 14.
Za-Rex Food Products Inc. (See Walker Bros. Co., assignor.)
Zarracina, Isidro R., Valladolid, Spain. Carburetors. 172,711; Mar. 27.
Zebich, Petar, doing business as Samson's Hair Tonic Company, Cleveland, Ohio. Hair tonic. 180,460; Sept. 18.
Zeiss, Carl, Jena, Germany. Color fitters. 183,048; Oct. 30.
Zell, Lucian M., New York, N. Y. Aquamarines. 172,193; Feb. 27.
Zellerbach Paper Co., San Francisco, Calif. Writing paper, tablets, and envelopes. 178,587; June 5.
Zellerbach Paper Company, San Francisco, Calif. Paper bags. 182,433; Sept. 4.
Zellerbach Paper Company ,San Francisco, Calif. Paper bags. 182,455–60; Sept. 4.
Zellwood Fern Growers Association. Zellwood, Fla. Ferns. 181,049; Oct. 30.
Zemp, James D., Camden, S. C. Liquid corn remedy. 184,702; Dec. 4.
Zenith Golf Ball Works. (See Sparrius, Hendrik.)
Zeno Company, Inc., New York, N. Y. Combination outer suits, knickerbockers, coats, and caps for children. 180,257; Aug. 14.
Zes, James, doing business as A. & Z., Los Angeles, Calif. Potato chips. 165,107; Feb. 6.
Zichello, Filippo, New York, N. Y. Olive oil and macaroni. 186,174; Dec. 25.
Zielinski, Alexander, Trenton, N. J. Salves. 175,905; June 19.
Zieser & Kling, St. Louis, Mo. Ladies' and misses' coats and suits. 180,643; July 24.
Zigelman, M., St. Louis, Mo. Malt sirup. 178,083; July 10.
Zimmer, Ludo L., doing business as The Dependable Information Bureau, Detroit, Mich. Road maps. 185,236; Nov. 6.
Zimmerman, Franklyn M., Pittsburgh, Pa. Lubricating oils. 182,031; Sept. 18.
Zincke, Hans, Hoboken, N. J. Pastry, fruit, tarts, and fruit pies. 164,847; Jan. 30.
Zinn Chemical Co., Oakland, Calif. Laxative sirup, horehound, honey, and tar sirup, blood purifier, etc. 180,731; Sept. 18.
Zinsmeister, J., & Sons, Incorporated, Louisville, Ky. Coffee. 179,577; July 31.
Zip Manufacturing Co., Denver, Colo. Compound for fitting in bearings. 167,373; Jan. 30.
Zip Manufacturing Co., Denver, Colo. Compound for honing lawn mowers and the like. 167,374; Jan. 30.
Zobel, Ernst Company Inc., Brooklyn, N. Y. Protective composition in the nature of a paint for roofs. 163,208; Oct. 2.
Zolla, Max A., Chicago, Ill. Artificial pearls. 160,378; Apr. 24.
Zoller, William, Company, Pittsburgh, Pa. Skinned and regular hams, breakfast bacon. 172,924; June 5.
Zollinger and Schroth, Inc., New York, N. Y. Silk crepe piece goods. 173,869; Mar. 6.
Zollinger & Schroth, Inc., New York, N. Y. Silk piece goods. 175,906; Apr. 10.
Zook, Charles A. B., doing business as F. & I. Tobacco Products Company, Lancaster, Pa. Fertilizers. 184,884; Oct. 16.
Zook, Charles A. B., doing business as F. & I. Tobacco Products Company, Lancaster, Pa. Insecticides. 184,885; Dec. 4.
Zook, Charles A. B., doing business as F. & I. Tobacco Products Company, Lancaster, Pa. Fertilizers. 184,886; Oct. 16.
Zook, Charles A. B., doing business as F. & I. Tobacco Products Company, Lancaster, Pa. Insecticides. 184,887–8; Dec. 4.
Zublin, John A., doing business as Zublin Tool Company, Los Angeles, Calif. Oil-well drills. 172,312; Feb. 27.
Zublin Tool Co., The. (See Zublin, John A.)
Zucker, Nathan S., doing business as The Utasal Company, New York, N. Y., and Salt Lake City, Utah. Medicated bath preparation. 174,984; May 15.
Zucnutkandy Company, Newark, N. J. Candy. 181,969; Sept. 25.
Zuercher, C. E., & Co., Chicago, Ill. Cheese. 174,052; May 15.
Zukin, Joseph, Los Angeles, Calif. Aprons, dresses, and frocks. 177,888; Dec. 18.
Zurkow & Graff, New York, N. Y. Men's and boys' overcoats, coats, vests, and trousers. 181,664; Oct. 16.
Zurn, J. A., Manufacturing Company. (See Zurn, John A.)
Zurn, John A., doing business as J. A. Zurn Manufacturing Company, Erie, Pa. Backwater traps, trap ferrules, cleanouts, pipe fittings, etc. 167,544; Mar. 20.

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

A. B. C. Sales Corporation, New York, N. Y. Mato Wonder Washing Powder. For Washing Powder. 25,827: Apr. 17.
Ad-Packed Hair Net Co., Inc., New York, N. Y. Childs Very Best Hair Net. For Hair Nets. 25,772; Apr. 3.
Ad-Packed Hair Net Co., Inc., New York, N. Y. Philco Hair Net. For Hair Nets. 25,773; Apr. 3.
Ad-Packed Hair Net Co., Inc., New York, N. Y. Golden Rose Hair Net. For Hair Nets. 25,774; Apr. 3.
Ad-Packed Hair Net Co., Inc., New York, N. Y. Famous Brand Hair Net. For Hair Nets. 25,775; Apr. 3.
Ad-Packed Hair Net Co., Inc., New York, N. Y. Bernice Guaranteed Perfect Hair Net. For Hair Nets. 25,776–8; Apr. 3.
Ad-Packed Hair Net Co., Inc., New York, N. Y. Wanda Guaranteed Perfect Hair Net. For Hair Nets. 25,779; Apr. 3.
Ad-Packed Hair Net Co., Inc., New York, N. Y. Blendwell Hair Net. For Hair Nets. 25,780; Apr. 3.
Ad-Packed Hair Net Co., Inc., New York, N. Y. Bernice Hair Net. For Hair Nets. 25,781; Apr. 3.
Ad-Packed Hair Net Co., Inc., New York, N. Y. Konomy Hair Net. For Hair Nets. 25,782; Apr. 3.
Ad-Packed Hair Net Co., Inc., New York, N. Y. Mavourneen Hair Net. For Hair Nets. 25,783; Apr. 3.
Ad-Packed Hair Net Co., Inc., New York, N. Y. D. P. Hair Net. For Hair Nets. 25,784; Apr. 3.
Ad-Packed Hair Net Co., Inc., New York, N. Y. Portage Hair Net. For Hair Nets. 25,785; Apr. 3.
Ad-Packed Hair Net Co., Inc., New York, N. Y. Flory's Blendwell Hair Net. For Hair Nets. 25,786; Apr. 3.
Ad-Packed Hair Net Co., Inc., New York, N. Y. Par-Lin Hair Net. For Hair Nets. 25,787; Apr. 3.
Ad-Packed Hair Net Co., Inc., New York, N. Y. Gold Chain Hair Net. For Hair Nets. 25,788; Apr. 3.
Ad-Packed Hair Net. Co., Inc., New York, N. Y. Hillco Hair Net. For Hair Nets. 25,789; Apr. 3.
Ad-Packed Hair Net Co., Inc., New York, N. Y. Rogers Hair Net. For Hair Nets. 25,790; Apr. 3.
Ajello, Romeo C., Brooklyn, N. Y. Romolo. For Macaroni. 26,161; July 10.
Aktieselskabet Ferrosan, Copenhagen, Denmark. "Idozan." (For a Pharmaceutical Product, Being An Iron Preparation.) 25,648; Feb. 27.
Alexander Laboratory, The, Boston, Mass. "Sno-Wite, The Bleach-Masque of Youth." (For a Toilet Preparation.) 25,623; Feb. 20.
Alexandria Coffee Company, Alexandria, Va. "Carlyle House." (For Coffee.) 25,566; Feb. 13.
Allaire, Woodward & Co., Peoria, Ill. Liquid El Vampire. For a Liquid Spray for Flies, Mosquitoes, Moths, Fleas, Bedbugs, Lice, Cockroaches, and Ants. 26,685; Dec. 18.
Amberg, Louis, & Son, New York, N. Y. Baby Peggy. For Dolls. 26,363; Sept. 11.
Ambrosia Chocolate Cream Company, Chicago, Ill. Ambrosia Chicago Best of All Chocolates. For Chocolate. 26,507; Nov. 13.
American Bakery Company, St. Louis, Mo. "Nutr-O-Life Bread." (For Loaves of Bread.) 25,649; Feb. 27.
American Fabrics Company, The, Bridgeport, Conn. A. F. C. Laces. For Lace Cards. 26,264; July 31.
American Guernsey Cattle Club, The, Peterboro, N. H. Golden Guernsey Products. For Milk, Cream, Butter, and Cheese. 26,404; Sept. 25.
American Lady Corset Company, Detroit, Mich. "Don't Tell Your Age." (For Corsets.) 25,697; Mar. 13.
American Malt Products Co. (See Krepstman, Samuel.)
American Manufacturing Co., Buffalo, N. Y. American Wood Cement Compound. For Semipaste Compound for Filling Defects in Furniture. 25,993; May 29.
American Manufacturing Co., Buffalo, N. Y. Varnole. For a Liquid for Cleaning and Preserving the Luster on Automobiles and Furniture. 26,490; Oct. 16.

Alphabetical list of registrants of labels—Continued.

American Novelty Candy Co., Brooklyn, N. Y. "Champion Novelty Bag." (For Candy and Toy Bags and Packages.) 25,522; Feb. 6.

American Pickle & Canning Company, Hattiesburg, Miss. "Gold Peep." (For Pickles.) 25,523; Feb. 6.

American Pickle & Canning Company, Hattiesburg, Miss. "Miss America." (For Pickles.) 25,524; Feb. 6.

American Pickle & Canning Company, Hattiesburg, Miss. "Delta." (For Pickles.) 25,525; Feb. 6.

American Pickle & Canning Company, Hattiesburg, Miss. "Pa an Ma." (For Pickles.) 25,567; Feb. 13.

American Pickle & Canning Company, Hattiesburg, Miss. Miss America. For Stringless Beans. 26,389; Sept. 18.

American Printing Company, Fall River, Mass. Supertwist. For Cotton Piece Goods. 26,491; Oct. 16.

Anderson, C. Richard, Northfield, Minn. Hillcrest Honey. For Extracted-Honey Containers. 26,437; Oct. 2.

Anderson, G. H., San Jose, Calif. A. For Fresh Boxed Pears. 26,390; Sept. 18.

Andrews Brothers Company, Inc., Pittsburgh, Pa. Sheik. For Oranges. 25,804; Apr. 10.

Andrews Brothers Company, Inc., Pittsburgh, Pa. Mecca. For Oranges. 25,805; Apr. 10.

Ansco Company, Binghamton, N. Y. "Speedex Ansco Film." (For Photographic-Film Cartons.) 25,474; Jan. 23.

Ant-Roach Powder Company, Newark, N. J. Ant-Roach Powder. For Containers Containing an Insect Exterminator. 26,364; Sept. 11.

Ant-Roach Powder Company, Newark, N. J. Anti-Roach Powder. For Containers Containing a Roach Exterminator. 26,365; Sept. 11.

Anthony Candy Company, The, Greenville, Ohio. Eye Opener. For Candy. 26,508; Nov. 13.

Apex Chocolate Company, Cambridge, Mass. Apex Chocolates. For Chocolates. 25,994; May 29.

Apex Chocolate Company, doing business as Belle Rose Chocolates Co., Cambridge, Mass. Sweethome Chocolates. For Chocolates. 26,162; July 10.

Aristocrat Products Co., Youngstown, Ohio. Spot Cleaner. For a Compound Used to Clean Carpets, Automobile Covers, Woodwork, Fabrics, and Leather Goods. 26,509; Nov. 13.

Armand Company, The, Des Moines, Iowa. Savoly K Y X. For Powder Finger Nail Polish. 26,598; Dec. 4.

Atlas Candy Company, St. Louis, Mo. Rainbow-Sundae. For Ice-Cream Tops and Cake Icing. 26,366; Sept. 11.

Aunt Betty's Products Co., Los Angeles, Calif. Aunt Betty's. For Orange Marmalade. 26,545; Nov. 20.

Austin, Nichols & Co. Inc., Brooklyn, N. Y. Sunbeam. For Cigars. 26,546; Nov. 20.

Auto-Crafts Manufacturing Company. (See Government Square Garage Company.)

Auto Indicator Company, Grand Rapids, Mich. Pocket Radio. For Pocket Radio Receiving Sets. 25,791; Apr. 3.

Avery, B. F., & Sons, Louisville, Ky. Avery Red Tag Cultivator Sweep. For Cultivator Sweeps. 26,510; Nov. 13.

B. & B. Chemical Company, San Antonio, Tex. Chilipitine Syrup. For a Compound for Coughs and Colds. 26,220; July 17.

B. D. K. Company, The, Chicago, Ill. Patch-O-Paint. For an Enamel for Metal Surfaces. 25,792; Apr. 3.

Baca Pablo, doing business as La Victoria Packing Company, Los Angeles, Calif. Pipian Ranchero. For a Mixture of Dried Chili, Spices, and Cereals. 25,995; May 29.

Baca, Pablo, doing business as La Victoria Packing Company, Los Angeles, Calif. Mole Poblano. For a Mixture of Dried Chili and Spices. 25,996; May 29.

Badger, Guy E., Okemah, Okla. The Fiery Cross—The Great Ku Klux Problem. For a Game Problem. 26,710; Dec. 25.

Baker Ice Cream Company, The. (See Menasha Printing and Carton Company, assignor.)

Baker, W. H., Inc., Winchester, Va. "Old Virginia Café-Sweet Chocolates." (For Milk Chocolate.) 25,624; Feb. 20.

Bardell, J. C., doing business as Bardell Art Printing Co., San Francisco, Calif. Bardell Fototone Miniatures. For Miniature Post Cards. 26,468; Oct. 9.

Barnard, Paul J., doing business as Paul Jackson Barnard Company, Los Angeles, Calif. Capt. Jack's Sand Ship. For Toys—Namely, Miniature Ships. 26,469; Oct. 9.

Barnes, James, doing business as The Oriental Company, North Wales, Pa. "La Rose du Bain." (For Receptacles Containing a Bathing Salt.) 25,650; Feb. 27.

Barnet Leather Co. Inc., New York, N. Y. Sunset Label. For Calf Leather. 25,828; Apr. 17.

Beaton, J. R., Company, Inc., New York, N. Y. Beaton hose. For Hosiery. 25,869; May 1.

Beaver Canning Company, Randolph, Wis. Moonstone Brand Select Sweet June Wisconsin Peas. For Canned Peas. 26,711; Dec. 25.

Beaver Canning Company, Randolph, Wis. Beaver Dam Brand Wisconsin Select Sweet June Peas. For Canned Peas. 26,712; Dec. 25.

Beaver Canning Company, Randolph, Wis. Green Tree Inn Brand Early June Wisconsin Peas. For Canned Peas. 26,713; Dec. 25.

Beaver Canning Company, Randolph, Wis. School Days Brand Wisconsin Sweet June Sweet Variety Peas Size 5. For Canned Peas. 26,714; Dec. 25.

Beaver Canning Company, Randolph, Wis. Radium Brand Select Early June Peas. For Canned Peas. 26,715; Dec. 25.

Beaver Canning Company, Randolph, Wis. Morning Bloom Brand Wisconsin Peas. For Canned Peas. 26,716; Dec. 25.

Beaver Canning Company, Randolph, Wis. Bagpipe Brand Wisconsin Select Early June Early Variety Peas Size 4. For Canned Peas. 26,717; Dec. 25.

Beck, C. M., Company, San Francisco, Calif. Dr. Beck's Lasses Dreams. For Molasses Candy. 26,438; Oct. 2.

Beechnut Stogie Co., Pittsburgh, Pa. "Meyers' Eskimo Stogies." (For Boxes of Stogies.) 25,728; Mar. 20.

Belle Rose Chocolates Co. (See Apex Chocolate Company.)

Benedict, Victor E., Dallas, Tex. Barbers Hair Dressing. For Hair Dressing. 26,657; Dec. 11.

Berry, Lottie E., Milwaukee, Wis. "Golden Gate." (For Infants' Shoes.) 25,651; Feb. 27.

Berry, Lottie E., Milwaukee, Wis. Golden Gate. For Infants' Shoes. 25,806; Apr. 10.

Bertjardi Medicine Co. Inc., New York, N. Y. "Dr. R. Wilkinson's Haemogenic Tablets." (For Tablets for the Treatment of Anaemia, Chlorosis, General Debility, and Disease Depending upon Disordered Condition of the Blood.) 25,475; Jan. 23.

Bestovall Co., The, Stapleton, New York, N. Y. Bestovall. For Metal Polish. 25,997; May 29.

Beta-Pine Co., Brooklyn, N. Y. Beta-Pine. For Cough Sirup. 26,658; Dec. 11.

Bevis Rock Salt Co., Kansas City, Mo., and Lyons, Kans. Bevis. For Salt. 25,847; Apr. 24.

Bevis Rock Salt Co., Kansas City, Mo., and Lyons, Kans. Rainbow. For Salt. 25,848; Apr. 24.

Bevis Rock Salt Co., Kansas City, Mo., and Lyons, Kans. Sunset. For Sacks Containing Salt. 25,949; May 22.

Biddle, Alice M., doing business as Carrolton Packing Co., Hanford, Calif. Travelers. For Dried Raisins. 25,870; May 1.

Bidwell, Marie J., doing business as Haironna Co., New York, N. Y. Save Your Hair Haironna Don't Get Bald. For a Hair Tonic. 26,405; Sept. 25.

Biloxi Packing & Trading Co., Biloxi, Miss. "Moonlight Brand." (For Tin Containers Containing Shrimp.) 25,568; Feb. 13.

Biloxi Packing & Trading Co., Biloxi, Miss. "Skookum Brand." (For Tin Containers Containing Oysters.) 25,569; Feb. 13.

Biloxi Packing & Trading Co., Biloxi, Miss. "American Beauty." (For Tin Containers Containing Oysters.) 25,625; Feb. 20.

Biloxi Packing and Trading Company, Inc., Biloxi, Miss. Skookum Brand. For Tin Cans Containing Shrimp. 25,871; May 1.

Biloxi Packing and Trading Company, Inc., Biloxi, Miss. American Beauty. For Tin Cans Containing Shrimp. 25,925; May 15.

Bio-Medical Laboratories, Brooklyn, N. Y. Hemoglotone. For a Tonic. 26,221; July 17.

Bissinger, George H., doing business as Bissinger Hat Manufacturing Co., New York, N. Y. The Bissinger Hat. For Hats. 25,807; Apr. 10.

Blair, Francis J., Kalamazoo, Mich. Kewpee Hotels. For Sandwiches. 26,659; Dec. 11.

Blatz, Val., Brewing Company, doing business as Blatz Products Co., Milwaukee, Wis. Blatz Bohemian Malt Syrup. For Malt Sirups. 26,282; July 31.

Block-Walsh Corporation, New York, N. Y. The Mystic Finger. For a Toy. 26,163; July 10.

Bluebird Pharmacal Co., Cambridge (Boston 40), Mass. Bluebirds For Happiness. For Liver Pills. 26,439; Oct. 2.

Blue Bird Tea Co. of Canada, Ltd., Halifax, Nova Scotia, Canada. "Blue Bird." (For Orange Pekoe Tea.) 25,745; Mar. 27.

Blue Bird Tea Company of Canada, Limited, The, Halifax, Canada. "Blue Bird." (For Tea.) 25,729; Mar. 20.

Blue Diamond Materials Company, Inc., Los Angeles, Calif. Blue Diamond Service. For Lime Putty. 25,998; May 29.

Bollinger, Alfred J., Orlando, Fla. Bollingers Malted Milk Bread. For Bread. 26,599; Dec. 4.

Bonnie-B Co., New York, N. Y. Bonnie B Talcum. For Talcum Powders. 25,829; Apr. 17.

Boonville Mineral Spring Company, Boonville, N. Y. "Lithia Polaris." (For Natural Spring Water.) 25,570; Feb. 13.

Bowen Chemical Co., San Francisco, Calif. Moonshine Cleaner. For Cartons Containing Cleaner for Automobiles and Furniture. 25,830; Apr. 17.

Boyce Paper Exchange, Syracuse, N. Y. "Japanese Toilet Tissue." (For Toilet Paper.) 25,571; Feb. 13.

Boyd, C. G., doing business as C. G. Boyd Drug & Chemical Company, Chattanooga, Tenn. Sinco. For an Herb Remedy. 26,470; Oct. 9.

Boyd, C. G., doing business as C. G. Boyd Drug & Chemical Company, Chattanooga, Tenn. Cinco. For an Herb Remedy. 26,471; Oct. 9.

Bradt, Gustavus H., San Francisco, Calif. Puyallup. For Red Raspberries. 25,999; May 29.
Bradt, Gustavus H., San Francisco, Calif. Albany. For Blackberries. 26,000; May 29.
Bradt, Gustavus H., San Francisco, Calif. Sumner. For Blackberries. 26,001; May 29.
Bradt, Gustavus H., San Francisco, Calif. Puget Sound. For Blackberries. 26,002; May 29.
Brainard, Pearl H., Macomb, Ill. Brainard's Little Brown Jug. For Heat-Insulated Liquid Containers. 26,511; Nov. 13.
Bramu Packing Co., Chicago, Ill. Granola. For Corn Oil. 26,440; Oct. 2.
Brandt Company, The. (See Menasha Printing and Carton Company, assignor.)
Brewer, P. J., David City, Nebr. "Brewer's King." (For Cigars.) 25,526; Feb. 6.
Briar Mills, Keokuk, Iowa. Sweet Briar Graham Flour. For Flour. 25,808; Apr. 10.
Brixton Manufacturing Company. (See Russo, Frank.)
Brooke Bond & Co., Ltd. of America, Chicago, Ill. "Brooke Bond Tea." (For Packages of Tea.) 25,730; Mar. 20.
Bruett, T. A., Lumber, Inc., Milwaukee, Wis. The Shingle Beautiful. For Shingles. 26,265; July 31.
Bruno, C., & Son, Inc., New York, N. Y. Treasure Chest (Spanish Scenes). For Phonograph Records. 26,441; Oct. 2.
Bruno, C., & Son, Inc., New York, N. Y. Treasure Chest. For Phonograph Records. 26,442; Oct. 2.
Bubb, Geo., & Sons, Williamsport, Pa. Winona. For Pineapple. 26,512; Nov. 13.
Buck, Richard H., Philadelphia, Pa. "Auto-Mechanic." (For Hand Soap. 25,746; Mar. 27.
Bugg, Mary V., Atlantic City, N. J. "Lady Bugg's Fudge." (For Candies.) 25,572; Feb. 13.
Bunte Brothers, Chicago, Ill. A Little Of Everything. For Chocolates. 26,367; Sept. 11.
Bunte Brothers, Chicago, Ill. Bunte Licorice Tips. For Candy. 26,443; Oct. 2.
Bunte Brothers, Chicago, Ill. Bunte Pollyanna Chocolates. For Chocolates. 26,547; Nov. 20.
Bunte Brothers, Chicago, Ill. Bunte Fine Hard Candies. For Cans for Containing Candy. 26,660; Dec. 11.
Bunte Brothers, Chicago, Ill. Bunte Diana Stuft Confections. For Cans for Containing Candy. 26,661; Dec. 11.
Bunte Brothers, Chicago, Ill. Bunte World Famous Candies. For Cans for Containing Candy. 26,662; Dec. 11.
Burgess Battery Company, Madison, Wis. Burgess 'A' Battery. For Electric Batteries. 26,164; July 10.
Burnham & Morrill Co., Portland, Me. B & M. For Lima Beans. 25,872; May 1.
Burnham & Morrill Co., Portland, Me. B & M. For Fish Flakes. 25,873; May 1.
Butler, H. (See Butler, Helen.)
Butler, Helen, doing business as H. Butler, Columbus, Ga. "Hel'ene." (For Bottles Containing a Salad Dressing for Food.) 25,653; Feb. 27.
Butler, John O., Chicago, Ill. The Dr. Butler Tooth Brush. For Toothbrushes. 26,339; Sept. 4.
Caldwell, William, New York, N. Y. Skwez-Me A Howling Success. For Skwez-Me Squawkers. 26,283; Aug. 7.
California and Hawaiian Sugar Refining Corporation, San Francisco, Calif. "C and H." (For Cartons for Sugar.) 25,527; Feb. 6.
California and Hawaiian Sugar Refining Corporation, San Francisco, Calif. "C and H Pure Cane Sugar Dessert." (For Cartons for Sugar.) 25,680; Mar. 6.
California and Hawaiian Sugar Refining Corporation, San Francisco, Calif. "C and H Pure Cane Sugar Cubelets." (For Cartons for Sugar.) 25,681; Mar. 6.
California and Hawaiian Sugar Refining Corporation, San Francisco, Calif. "C and H Pure Cane Sugar Cubelets Extra Hard." (For Cartons for Sugar.) 25,682; Mar. 6.
California and Hawaiian Sugar Refining Corp., San Francisco, Calif. "C and H Pure Cane Sugar X X X X Powdered." (For Cartons for Sugar.) 25,683; Mar. 6.
Camel Chemical Co., Inc., Portland, Oreg. Camel. For Battery Solution. 25,950; May 22.
Canada Dry Ginger Ale, Inc., New York, N. Y. Canada Dry (Map Design). For Ginger Ale. 26,472; Oct. 9.
Canada Dry Ginger Ale, Inc., New York, N. Y. A Pale Ginger Ale of Exceptional Quality. For Ginger Ale. 26,473; Oct. 9.
Canada Dry Ginger Ale, Inc., New York, N. Y. Canada Dry (Leaf Design). For Ginger Ale. 26,474; Oct. 9.
Canada Dry Ginger Ale, Inc., New York, N. Y. Canada Dry (Imitation of Coat of Arms against a Background of Blue, Yellow, Pink, and Green Design.) For Ginger Ale. 26,475; Oct. 9.
Canada Dry Ginger Ale, Inc., New York, N. Y. Canada Dry (Imitation of Coat of Arms against a Blue Background Design.) For Ginger Ale. 26,476; Oct. 9.
Candy-Toy Company of America, Harrisburg, Pa. "Fun." (For Toys.) 25,626; Feb. 20.
Can-Ho-Lab. Chemical Co., New Orleans, La. "Just-Rite." (For an Insect Destroyer and Germicide.) 25,573; Feb. 13.
Carrolton Packing Co. (See Biddle, Alice M.)
Casavant, Margaret G., doing business as M. G. & F. C. Casavant, Haverhill, Mass. Margaret's. For a Hair Tonic. 26,340; Sept. 4.
Celestino Fernandez & Co., Milwaukee, Wis. Watchman. For Cigars. 26,008; May 29.
Central Brokerage Company, Chicago, Ill. Del-Rose. For Lobsters. 26,513; Nov. 13.
Chandler River Co-Operative Canning Association, Jonesboro, Me. Hannah Weston Brand. For Blueberries. 26,548; Nov. 20.
Change-O-Doll Company, New York, N. Y. A Family of Dolls All from One Change-O-Doll and a few extra heads. For Dolls. 26,663; Dec. 11.
Chase, Blanche E., doing business as Cozy Corner Candies, Swampscott, Mass. "Cozy Corner Candies." (For Candies.) 25,731; Mar. 20.
Chicago Beverage Co., Chicago, Ill. Chicago Brand-De Luxe. For Ginger Ale. 26,514; Nov. 13.
Chicago Metallic Packing Co., Chicago, Ill. "Rhopac" Flexible Metallic Packing. For Packing. 26,266; July 31.
Chicago Metallic Packing Co., Chicago, Ill. "Rhopac" Valve Stem Rod and Plunger Packing. For Packing. 26,320; Aug. 14.
Chicago Metallic Packing Co., Chicago, Ill. "Rhopac" Piston Head Packing For Inside Packed Type Pumps. For Packing. 26,321; Aug. 14.
Chief Consolidated Mining Co., Salt Lake City, Utah. Chief Brand, The Universal Hydrated Lime. For Hydrated Lime and Lime Products. 26,686; Dec. 18.
Christians, H. C., Co., Johnson Creek, Wis., and Chicago, Ill. Elmdale. For Butter. 25,831; Apr. 17.
Christians, H. C., Co., Chicago, Ill. Hollybrook. For Butter. 26,515; Nov. 13.
Cino Toy Works, Cincinnati, Ohio. Cino Miniature Farm. For Toy Houses, Barns, Outbuildings, Trees, Shrubbery, People, Animals, Poultry, and Other Things Common to a Farm Habitation. 26,600; Dec. 4.
Cipho-Soda Co. (See Millican, A. G.)
Circus Sally Company, The, Chicago, Ill. Circus Sally. For Candy. 26,549; Nov. 20.
Clawson & Wilson Company, Buffalo, N. Y. Big Mike Suspenders. For Men's Suspenders. 26,444; Oct. 2.
Cleanse-All Company, Wilmington, N. C. Cleanse-All. For a Cleaning Preparation Made from Certain Pine Products. 26,368; Sept. 11.
Clegg, Henry B., Los Angeles, Calif. Clegg's (Representation of an eye) Grow Hair. For Hair Tonic. 26,601; Dec. 4.
Clendenning, S. G., Coshocton, Ohio. Lion Puncture Patch. For a Patch for Repairing Articles Made of Rubber. 26,550; Nov. 20.
Cleveland Chemical Corporation, Cleveland, Ohio. Germex. For Germicidal Cleansing and Polishing Materials. 25,874; May 1.
Clinton Chemical Corporation, Irvington, N. J. "Kandlitening." (For Receptacles Containing a Liquid for Intensifying the Action of Gasoline and Other Fuels Used in Internal-Combustion Motors.) 25,528; Feb. 6.
Clio Pharmaceutical Co. (See Speight, Walter E.)
Cofield Laboratories, Inc., Philadelphia, Pa. Pepsid. For a Preparation for Indigestion. 26,602; Dec. 4.
Cohen, N. B., & Bro., Scranton, Pa. Real Human Hair Net. For Hair Nets. 25,849–50; Apr. 24.
Cohen, N. B., & Bro., Scranton, Pa. Janet Real Human Hair Net. For Hair Nets. 25,851; Apr. 24.
Cohen, N. B., & Bro., Scranton, Pa. Real Human Hair Net. For Hair Nets. 25,852; Apr. 24.
Collins, J. N., Company, Minneapolis, Minn. "Honey Scotch." (For Complete Candy Parcels Made Up of a Box Filled with Wrapped Candy—Namely, Caramels.) 25,684; Mar. 6.
Columbia Perfume Co., Pittsburgh, Pa. "Columbia Hair Cream." (For Bottles Containing Hair Preparation.) 25,747; Mar. 27.
Combs, Robert L., Chicago, Ill. Foursome-Match Score Card. For Friction Matches. 26,003; May 29.
Comer Manufacturing Company, The, Dayton, Ohio. "All-Weather Coats." (For Boxes Containing Coats.) 25,685; Mar. 6.
Coninx, William, doing business as The Great American Coffee Co., Chicago, Ill. "The Only Brand Coffee." (For Coffee.) 25,748; Mar. 27.
Consumers Biscuit Company, New Orleans, La. "Consumers Cheribim." (For Candy.) 25,529; Feb. 6.
Cook Electric Company, Chicago, Ill. Ideal Nut Cracker. For Nutcrackers. 26,603; Dec. 4.
Cook, H. C., Company, The, Ansonia, Conn. "Vise Signals." (For Vise Signals.) 25,654; Feb. 27.
Cook, Herbert N., New Orleans, La. Big Chef. For Canned Shrimp. 25,951; May 22.
Cooney, Frank B., Minneapolis, Minn. Cooney's Ink Paste. For Concentrated Ink. 26,267; July 31.
Cooper Underwear Company, Kenosha, Wis. Coopers Sox. For Socks. 25,809; Apr. 10.
Cooper Underwear Company, Kenosha, Wis. Coopers Sox. For Socks. 25,810; Apr. 10.
Coykendall, Inc., San Francisco, Calif. Ridgecrest. For Dried Prunes. 26,664; Dec. 11.
Cozy Corner Candies. (See Chase, Blanche E.)
Cracker Jack Co., Sumter, S. C. Cracker Jack. For Carbonated Beverages. 26,406; Sept. 25.

Alphabetical list of registrants of labels—Continued.

Cragin Products Co., Chicago, Ill. Alcolotion. For a Preparation for External Use and Application. 26,517; Nov. 13.
Craig, Edward J., Cincinnati, Ohio. "Clean Out D'Zolvent C. O. D." (For a Liquid Chemical to Clean Printers' Material.) 25,732; Mar. 20.
Crawford Farms, Incorporated, Millbrook, N. Y. Tastum. For a Sandwich Made of Milk Crackers and Cheese. 26,477; Oct. 9.
Crawford-Rooney-Soderlund, Minneapolis, Minn. The Kristo Board. For a Child's Drawing Board. 26,445; Oct. 2.
Cressey, Mildred, Milwaukee, Wis. Mildred Cressey Silver Polish. For a Polish for Gold, Silver, or Any Like Materials Where a Bright Lustrous Finish is Desired. 26,284; Aug. 7.
Criterion Laboratories, The. (See Phelps, Walter H.)
Croft & Allen Company, Philadelphia, Pa. King Tut. For Wrapper for a Candy Confection. 25,853; Apr. 24.
Crown Hair Goods Co., New York, N. Y. Miracle Hair Net. For Envelopes for Hair Nets. 26,004; May 29.
Cuda, John, Pittsburgh, Pa. Italo French Brand Alimentary Pastes. For Macaroni. 26,718; Dec. 25.
Cunningham, John R., Kansas City, Mo. "Jack's Pork Rind Frogs." (For Fishing Bait.) 25,749; Mar. 27.
D. & C. Co., Inc., The, Brooklyn, N. Y. "D & C Self-Raising Flour." (For Packages Containing Self-Rising Flour for Biscuits, Cakes, and Pastry.) 25,476; Jan. 23.
Dairymen's League Co-Operative Association, Inc., Utica, N. Y. Dairylea Evaporated Milk. For Evaporated Milk. 25,906; May 8.
Dairymen's League Co-Operative Association, Inc., Utica, N. Y. Dairylea Condensed Milk. For Condensed Milk. 25,907; May 8.
Danya, Inc., New York, N. Y. Danya. For Rouge Vanishing Cream. 26,341; Sept. 4.
Darrah, Lydia, Candy Shops, Inc., Minneapolis, Minn. Lydia Darrah. For Candy. 26,165; July 10.
Dastin, M. & D., New York, N. Y. Flower Garcia. For Cigars. 26,369; Sept. 11.
Davey Tree Expert Company, The, Kent, Ohio. Daveylac. For Shellac for Trees. 26,285; Aug. 7.
Davis-Reece Co., Inc., Brooklyn, N. Y. Tiny Pops. For Stick Candy. 26,370; Sept. 11.
Dawes, John C., Irvington, N. J. It Takes 'Em Off. Dawes Ideal Corn Remover. For Corn Remover. 26,322; Aug. 14.
Dean, N. E., Courtland, Calif. Market. For Fresh Pears. 26,391; Sept. 18.
Decatur Brewing Co., doing business as Premier Malt Products Company, Decatur, Ill. "White Banner." (For Malt Extract.) 25,574; Feb. 13.
Defiance Grocery Company, Defiance, Ohio. Kro Mor. For Tomatoes. 25,854; Apr. 24.
Deland Citrus Growers Ass'n, Deland, Fla. "Canary." (For Oranges and Grape Fruit.) 25,506; Jan. 30.
Delphia Cigar Co. Inc., Philadelphia, Pa. Tedello. For Cigars. 26,005; May 29.
Demon Products Co. (See Watt, Frederick R.)
De Rand Company, Inc., St. Louis, Mo. Kiddie-Need Toilet Seat Take It With You. For Containers for a Child's Toilet Seat. 26,518; Nov. 13.
De Robertis' Spumoni Ice Cream Co., New York, N. Y. "De Robertis' Spumoni Ice-Cream." (For Ice Cream.) 25,477; Jan. 23.
Derryvale Linen Co., Inc., New York, N. Y. Derryvale. For Irish Linen. 25,811; Apr. 10.
Desert Remedy Company, Tucson, Ariz., and Deming, N. Mex. Desert Remedy. For Ephedra Nevadensis. 26,604; Dec. 4.
Dexter, Stephen B., Los Angeles, Calif. Stop Cough Chewing Gum. For Chewing Gum. 26,337; Aug. 21.
Dexter, Stephen B., Los Angeles, Calif. Stop-To-Bac Chewing Gum. For Chewing Gum. 26,338; Aug. 21.
Dickinson, Albert, Company, The, Chicago, Ill. Dickinson's Evergreen. For Grass Seed. 26,719; Dec. 25.
Diekemper, Ray J., Terre Haute, Ind. "Hot Shot." (For Horse Radish.) 25,507; Jan. 30.
Dietrich, J., & Company, San Antonio, Tex. White Circle. The Soap That Cleans So Clean. For Soap. 26,222; July 17.
Dilas, Harry, Bay City, Mich. "Twelvette Chocolates." (For Candy.) 25,750; Mar. 27.
Dilas, Harry, Bay City, Mich. Nutty Notion Nougat. For Candy. 25,855; Apr. 24.
Dixie Paint Company, The, New Orleans, La. Palladium Paints. For Paints. 26,519; Nov. 13.
Dorr, C., Kansas City, Mo. Dorr's Vim Cleaning Compound. For a Cleaning Compound. 26,446; Oct. 2.
Dovichi, Florian, Rochester, Ind. "Medium." (For the Containers of Cigars and Tobacco.) 25,479; Jan. 23.
Dovichi, Florian, Rochester, Ind. "Mild." (For Containers of Cigars and Tobacco.) 25,480; Jan. 23.
Dovichi, Florian, Rochester, Ind. "Strong." (For the Containers of Cigars and Tobacco.) 25,481; Jan. 23.
Drackett Chemical Company, The, Cincinnati, Ohio. Drano. For a Chemical for Cleansing Drains, Sinks, Washbowls, Bathtubs, Flush Bowls, Traps, Toilet Bowls, Stationary Washtubs, Waste Pipes, and Lavatories. 25,875; May 1.
Dragon Paper Mfg. Co., Inc., Long Island City, N. Y. "Bestyette." (For Bread.) 25,627; Feb. 20.
Dragon Paper Mfg. Co. Inc., Long Island City, N. Y. "Say it with Flowers." (For Flowers.) 25,698–700; Mar. 13.
Dr. Brown Candy Company, Fort Atkinson, Wis. Yellow Cab Bar. For Candy Bars. 26,319; Aug. 14.
Drew, Rose, New York, N. Y. "Nightwear, Pajamas, and Night Shirts." (For Shirts.) 25,478; Jan. 23.
Drummond, Herman F., Milwaukee, Wis. Drum's. For Malt Extract. 25,793; Apr. 3.
Dunham, Granville A., Kansas City, Mo. Dunham's Shampoo. For Shampoo for Cleansing and Soothing the Scalp. 25,952; May 22.
Dunn, Luke W., Dallas, Tex. Klansman Cigar. For Cigars. 26,323; Aug. 14.
Duprez, Rosario, New York, N. Y. Les Produits de Beauté de Rosario Duprez New York. For Beauty Preparations. 26,665; Dec. 11.
Durkee-Mower & Co., Swampscott, Mass. "Toot Sweet" Marshmallow Fluff. For Marshmallow Fluff. 26,223; July 17.
Dwight Edwards Company, Portland, Oreg. Dependable. For Coffee. 26,268; July 31.
Dyspeptol Remedy Company, Roanoke, Va. "Dyspeptol." (For Bottles Containing a Tonic for the Relief of Indigestion, Heartburn, and Dyspepsia.) 25,686; Mar. 6.
Earl Fruit Co. of the Northwest, San Francisco, Calif. Drake Brand. For Apples. 26,447; Oct. 2.
Easton, Gilbert J., Inc., Newark, N. J. "Easton's Vegonnaise." (For Vegonnaise, a Food Preparation Made of Vegetables, Eggs, Oil, Vinegar, Spices, and Salt.) 25,733; Mar. 20.
Easton Orange Juice Company, Oakland, Calif. "Fifty-Fifty." (For a Nonalcoholic Maltless Beverage.) 25,530; Feb. 6.
Eclipse Mills Company, Inc., Philadelphia, Pa. "Eveready." (For Sport Coats.) 25,575; Feb. 13.
Economy Bias Binding Co., New York, N. Y. Double V Fold. For Bias-Seam Tape and Bias-Seam Binding. 25,832; Apr. 17.
Ego Trading Corporation, New York, N. Y. "Paradise." (For Hair Nets.) 25,734; Mar. 20.
Eline's Incorporated, Milwaukee, Wis. Eline's Pure Milk Chocolate Boats—Buy Them for the Children. For Chocolate. 26,605; Dec. 4.
Eline's Incorporated, Milwaukee, Wis. Eline's Pure Milk Chocolate Boats, 5¢. For Chocolate. 26,606; Dec. 4.
Elliot, James F., Courtland, Calif. Delta. For Fresh Pears. 26,478; Oct. 9.
Elmer Candy Co., Inc., New Orleans, La. Chocolate Covered Sun-Maid Raisins. For Raisins, Chocolate Covered. 26,006; May 29.
Elmer Candy Co., Inc., New Orleans, La. Vieux Carré Souvenir Package. For Candies. 26,007; May 29.
Elson, Nathan, Chicago, Ill. "Ben Bey." (For Cigars.) 25,655; Feb. 27.
Embossing Company, The, Albany, N. Y. The Embossing Company's Everedy Modelling Material. For Plastic Compositions or the Like for Modeling Purposes. 26,607; Dec. 4.
Emmelin & Winter, New York, N. Y. "The Patent 'Perfect Part' Toupee." (For Toupees.) 25,482; Jan. 23.
Ennis-Hanly-Blackburn Coffee Co., Kansas City, Mo. "The Rose of Kansas." (For Roasted Coffee.) 25,531; Feb. 6.
Ennis-Hanly-Blackburn Coffee Co., The, Kansas City, Mo. Golden Horn. For Roasted Coffee. 26,269; July 31.
Epstein, Jacob, Brooklyn, N. Y. Aldea. For Cigars, Cigarettes, and Tobacco. 26,324; Aug. 14.
Erickson, Harry, Chicago, Ill. Motorist. For Cigars. 25,812; Apr. 10.
Exeter Orange Growers Association, Exeter, Calif. Exeter. For Fresh Grapes. 26,551; Nov. 20.
Exeter Orange Growers Association, Exeter, Calif. Exeter. For Oranges. 26,552; Nov. 20.
Farley Harvey Company, The, Boston, Mass. Priscilla Tissue. For Dry Goods—Namely, Cotton and Linen Cloth. 26,392; Sept. 18.
Farley Harvey Company, The, Boston, Mass. Tissue. For Dry Goods—Namely, Cotton and Linen Cloth. 26,407; Sept. 25.
Farmers Union Creamery Assn. Inc. (See Menasha Printing and Carton Company, assignor.)
Farrelly, Joseph, doing business as Radermo Laboratories, Pelham, N. Y. Genuine Ra-Der-Mo Complexion Cream. For Complexion Cream. 26,502; Oct. 30.
Faultless Rubber Company, The, Ashland, Ohio. Play Balls. For Sponge-Rubber Balls. 26,224; July 17.
Federal Slipper Co., Inc., New York, N. Y. "Bootee." (For Felt Boots, Slippers, or Booties.) 25,656; Feb. 27.
Fegenbush & Mellen, Tampa, Fla. Snookum Brand Fruits and Vegetables. For Fruits and Vegetables. 25,908; May 8.
Femina Importing Company, New York, N. Y. Magnet. For Hair Nets. 26,666; Dec. 11.
Fermustex Hosiery Company, Inc., doing business as Lenox Guaranteed Hosiery Shops, Atlanta, Ga. Lenox Guaranteed Hosiery. For Hosiery and Boxes Containing the Same. 25,813; Apr. 10.
Ferril Bros., Kansas City, Mo. "Honeysuckle." (For Coffee.) 25,701; Mar. 13.

Alphabetical list of registrants of labels—Continued.

First National Laboratories, Lehighton, Pa. "Dr. White's Aseptagina." (For Packages and Boxes Containing an Antiseptic Powder.) 25,576; Feb. 13.
First National Laboratories, Lehighton, Pa. "Dr. White's Antiseptic Female Cones." (For Boxes Containing Cones or Suppositories for Antiseptic Use.) 25,577; Feb. 13.
First National Laboratories, Lehighton, Pa. "Dr. White's Cold and Grippe Pills." (For Boxes Containing Pills for the Relief of Colds and La Grippe.) 25,578; Feb. 13.
Fischer, B., & Co., Inc., New York, N. Y. Burro Coffee. For Coffee. 26,520; Nov. 13.
Fleischer, Joseph, doing business as Fleischer & Company, New York, N. Y. Mozel. For Silk Opera and Sport Hair Nets. 26,408; Sept. 25.
Flexo Company, The, Fredericksburg, Va. Flexo The Original Life Giving Belt Treatment High Strength Combination of Tannage Oils. For Dressing Oils Suitable for Softening and Preserving Articles of Leather and Similar Substances. 25,876; May 1.
Flexo Company, The, Fredericksburg, Va. Flexo, Bar Belt Dressing, Preservative For All Kinds of Belts. For a Belt Dressing. 26,521; Nov. 13.
Florida Grapefruit Canning Co., Inc., Bradentown, Fla. "Royal Grapefruit." (For Canned Grapefruit.) 25,628; Feb. 20.
Florida Products Company, Inc., New York, N. Y. Pom-Ora. For Nonalcoholic Beverages. 25,794; Apr. 3.
Flostik Company, Waltham, Mass. Flostik Minute-Dry Golf Ball Renewer. For Paint. 25,909; May 8.
Fontana Food Products Company, San Francisco, Calif. "Fontana's." (For Macaroni.) 25,532; Feb. 6.
Food Products Co., The, San Francisco, Calif. "Klumyrna." (For Canned Figs.) 25,579; Feb. 13.
Fort Howard Paper Company, Green Bay, Wis. "Doll Cut-Out Crepe." (For Toilet Paper.) 25,533; Feb. 6.
Fort Howard Paper Company, Green Bay, Wis. "Doll Cut Out Crepe." (For Toilet Paper.) 25,534; Feb. 6.
Fort Howard Paper Company, Green Bay, Wis. Nile Queen. For Toilet Paper, Paper Napkins, Paper Towels, and Paper Tablecloths. 25,926; May 15.
Ft. Smith Creamery Company. (See Menasha Printing and Carton Company, assignor.)
Fortune Products Company, Chicago, Ill. "Fortune." (For Vermicelli.) 25,483; Jan. 23.
Fortune Products Company, Chicago, Ill. "Fortune." (For Macaroni.) 25,484; Jan. 23.
Fortune Products Company, Chicago, Ill. "Fortune." (For Spaghetti.) 25,485; Jan. 23.
Fortune Products Company, Chicago, Ill. Fortune Shells. For Macaroni. 26,166; July 10.
Foster Honey and Mercantile Company, The, Boulder, Colo. The Sweet Heart of Flowers. For Honey Butter. 25,953; May 22.
Foster Lumber Company, Kansas City, Mo. Sunflower. For Roofing. 26,167; July 10.
Foster & Stewart Company, New York, N. Y. Quality Fabrics. For Quality Fabrics of Cotton Duck and Dyed, Printed, and Painted Cotton Fabrics. 25,954; May 22.
France Milling Company. (See Richardson Company, assignor.)
France Milling Company, Cobleskill, N. Y. Gold Medal Buckwheat and Wheat Flour. For Buckwheat and Wheat Flour. 26,479; Oct. 9.
Frank Pure Food Company, The, Milwaukee, Wis. Frank's Quality Sauerkraut. For Canned Sauerkraut. 26,371; Sept. 11.
Frank, Walter, Milwaukee, Wis. Cheese-Treats. For Cheese. 25,927; May 15.
Frank, William, New York, N. Y. Antillas. For Canned Lobster. 26,522; Nov. 13.
Frank, William, & Company, Inc., New York, N. Y. Antillas Brand Rock Lobster. For Lobsters. 26,608; Dec. 4.
Franklin Baker Co., The., Philadelphia, Pa. Southern Style Moist Sweetened Coconut. For Prepared Coconut. 26,225; July 17.
Fraser, Mary, Candies, Inc., Los Angeles, Calif. Mary Fraser Candies. For Candies. 25,928; May 15.
Fred A. Wish, Inc., New York, N. Y. Uncle Wiggily Crayola Color Box. For Crayon Boxes. 26,683; Dec. 11.
Fred A. Wish, Inc., New York, N. Y. Uncle Wiggily. For a Pull Toy. 26,684; Dec. 11.
Fredonia Seed Company, Fredonia, N. Y. Velvet Lawn Grass. For Lawn-Grass Seed. 26,286; Aug. 7.
Free & Klinck, Inc., Brooklyn, N. Y. Shell. For Canned Peas. 26,553; Nov. 20.
Free & Klinck, Inc., Brooklyn, N. Y. Sundew. For Canned Succotash. 26,554; Nov. 20.
Freeman Dust Absorber Mfg. Co., Colorado Springs, Colo. Freeman's Dust Absorber. For a Preparation for Absorbing Dust from Polished Surfaces. 26,009; May 29.
Freeman, I. A., Kansas City, Mo. Lago Pure Crushed Fruit Laxative. For a Laxative Preparation. 26,480; Oct. 9.
Freeman's Dairy Company. (See Menasha Printing and Carton Company, assignor.)
Frees, H. E., Co., The, Chicago, Ill. "C O M." (For Citrate of Magnesia.) 25,508; Jan. 30.
Freihofer Baking Company. (See Freihofer, William, assignor.)
Freihofer, William, assignor to Freihofer Baking Company, Philadelphia, Pa. "Fam'ly Cake." (For Cake.) 25,629; Feb. 20.
Freihofer, Wm., Baking Co., Philadelphia, Pa. Freihofer's Fine Bread. For Bread. 25,955; May 22.
French Bros.-Bauer Company. (See Menasha Printing and Carton Company, assignor.)
French Sardine Co., Inc., East San Pedro, Calif. Belle Isle. For Canned Tunna. 26,555; Nov. 20.
French Sardine Co., East San Pedro, Calif. Messina. For Canned Tunny Fish. 26,609; Dec. 4.
Freund, Paul, Inc., New Orleans, La. Fairy Sweets, Adonis Candies. For Candies. 26,610; Dec. 4.
Frigid Fruits Corporation, Nashville, Tenn. Frigid Fruits. For Frozen Candy Confection. 25,929; May 15.
Frisch, Emile, Chicago, Ill. Bond Bread. For Bread. 25,930; May 15.
Frost, George, Company, Boston, Mass. Knicker Boston Garter. For Cards Containing Men's Garters. 26,325; Aug. 14.
Fuller, J. E., doing business as J. E. Fuller Specialty Company, Kansas City, Kans. Platenole. For a Preparation for Treating Typewriter Rollers. 26,611; Dec. 4.
Funsten & Gross, San Francisco, Calif. "Firmtex." (For Canned Sardines.) 25,535; Feb. 6.
G. & G. Bottling Co., Washington, D. C., "G. and G." (For Sarsaparilla.) 25,652; Feb. 27.
Gaffney, James F., doing business as Old French Company, Cleveland, Ohio. "The Original Old French Olive Oil Shampoo." (For Shampoo.) 25,536; Feb. 6.
Gannino, Michael, and I. Volgel, doing business as Zipp Chemical Co., Lynn, Mass. "Zipp." (For Headache Powders.) 25,751; Mar. 27.
Gardiner, Samuel V., New York, N. Y. The Dubl-Wear Shirt. For Men's Shirts with Soft or Unstarched Cuffs. 25,814; Apr. 10.
Garside, H. B., Los Angeles, Calif. Kleenz 'em. For Hand Cleanser. 26,612; Dec. 4.
Gary, Theo. H., Co., New York, N. Y. Hair Net. For Hair Nets. 26,168; July 10.
Gash, Abraham, New York, N. Y. "Italian Cook." (For Winterpressed Cotton-Seed Salad Oil Flavored With Pure Olive Oil.) 25,486; Jan. 23.
General Baking Company, New York, N. Y. True Bread. For Wrapper for Loaves of Bread. 25,910; May 8.
General Electric Company, Schenectady, N. Y. Welding Electrode. For Welding Electrodes. 26,287; Aug. 7.
Gentry, C. B., Chili Powder Co., Los Angeles, Calif. Gentry's High-Grade Chili Powder. For Chili Powder. 25,956; May 22.
Genuine Rubber Co., The, Saugus, Mass. "The Genuine Safety Cushion Heel." (For Rubber Heels.) 25,580; Feb. 13.
Gerrard, Virgil M., Los Angeles, Calif. Southern Cross. For Lettuce. 26,393; Sept. 18.
Gibbs, Dana K., doing business as Willcox & Gibbs Packing Company, Clovis, Calif. Curiosity Box. For Dried Fruits. 25,877; May 1.
Gibson, Dick, Miami, Okla. "Royalty." (For Cigars.) 25,487; Jan. 23.
Gill Brothers Company, Steubenville, Ohio. No. 2 Tru Lite Acme. For Lamp Chimneys. 25,931; May 15.
Gill Brothers Company, Steubenville, Ohio. No. 2 Tru Lite O K. For Lamp Chimneys. 25,932; May 15.
Gillespie, Eugene P., York, Pa. Pre-War. For Cans and Boxes Containing Cigars. 25,815; Apr. 10.
Ginsburg Cigar Company, Davenport, Iowa. Cuban Prize. For Cigars. 25,795; Apr. 3.
Glenco Products Company, Quincy, Ill. Glenco Dustaway. For Mops. 25,816; Apr. 10.
Glynn Canning Company, Brunswick, Ga. Glynco Brand Shrimp. For Canned Shrimp. 26,169; July 10.
Goldberg, Samuel, Newark, N. J. "Puncher." (For Boxes Containing Cigars.) 25,537; Feb. 6.
Golden Grain Butter Company. (See Menasha Printing and Carton Company, assignor.)
Good Samaritan Company. (See Kelley, Howard E.)
Goodman, A., & Sons, Inc., New York, N. Y. Goodman's. For Matzoths. 26,556; Nov. 20.
Goodridge, William H., doing business as Monroe Laboratory Company, Lynn, Mass. Asma Relef. For Asthma, Hay Fever, Bronchial and Catarrhal Medicine. 26,226; July 17.
Gordon, Mac, doing business as Saigo Varnish Works, New York, N. Y. Saigo. For Varnish. 25,796; Apr. 3.
Goss, James L., San Francisco, Calif. "Taffy Tavern Candies." (For Display Racks for Dispensing Lollipops.) 25,581; Feb. 13.
Gotham Corporation, The, New York, N. Y. Fangerine. For Laxative and Corrective Preparations. 25,797; Apr. 3.
Gould Millinery Co., The, Los Angeles, Calif. "Raymondè." (For Ladies' Hats.) 25,630; Feb. 20.
Gould, William H., doing business as Sungloss Manufacturing Company, Little Rock, Ark. Sungloss. For Cans, Bottles, and Boxes Containing Polishes for Automobiles. 25,817; Apr. 10.
Government Square Garage Company, The, doing business as Auto-Crafts Manufacturing Company, Cincinnati, Ohio. "Stop A Leak." (For Radiator Cement.) 25,582; Feb. 13.

Gradiaz, Annis & Co., Tampa, Fla. Don Julian Tampa Whiffs. For Cans and Boxes Containing Cigars. 26170; July 10.

Great American Coffee Co., The. (See Coninx, William.) Mar. 27.

Green & Green Company, The, Dayton, Ohio. Always Good Any Time—Any Place. For Ginger Snaps. 26,557; Nov. 20.

Green & Green Company, The, Dayton, Ohio. Unrivaled Excellence. For Crackers. 26,558; Nov. 20.

Greenberg, Isaac, New York, N. Y. Standard Shirt. For Shirts. 26,667; Dec. 11.

Grin Co., Inc., The, Los Angeles, Calif. Grin. For Auto Polish. 26,409; Sept. 25.

Griswold, Lester E., Columbus, Ohio. Leather Plaiting Outfit. For Outfits Which Include Leather Cutting and Plaiting Implements for Forming and Plaiting Leather Strips or Thongs. 26,688; Dec. 18.

Gulbransen-Dickinson Co., Chicago, Ill. Gulbransen Instruction Roll, Third Edition. For Instruction Rolls for Player Pianos. 26,720; Dec. 25.

H. P. Coffee Company, St. Louis, Mo. Trumpet. For Coffee. 26,516; Nov. 13.

Haas, Baruch & Co., Los Angeles, Calif. Neptune. For Table Salt. 26,227; July 17.

Haas Brothers, San Francisco, Calif. "Trupak." (For Canned Corn.) 25,657; Feb. 27.

Haas Brothers, San Francisco, Calif. "Trupak." (For Canned Peaches.) 25,658; Feb. 27.

Haas, Geo., & Sons, San Francisco, Calif. Old Mission Toffee. For Toffee Candy. 26,372; Sept. 11.

Haberman, Herman W., Brooklyn, N. Y. Haberman's Views of New York. For Souvenir Postal Cards. 26,342; Sept. 4.

Hagan, Charles F., doing business as Wyrick Spring Company, Inc., Crockett, Va. Wyrick. For Ginger Ale. 25,957; May 22.

Haironna Co. (See Bidwell, Marie J.)

Hall Baking Co., Buffalo, N. Y. "The Hall of Bakery Fame." (For Bread.) 25,659; Feb. 27.

Hall, G. E., Company. (See Hodskin, Julius D.)

Hallam, Elizabeth A., Columbus, Ohio. "E-Z Shine Polish." (For a Polish for Silver, Gold, Brass, and Glass.) 25,752; Mar. 27.

Hamersley Manufacturing Co., The, New York, N. Y. "The Hamersley Roll." (For Waxed Paper.) 25,660; Feb. 27.

Hamersley Manufacturing Company, The, New York, N. Y. Whole Wheat Bread. For Bread. 26,270; July 31.

Hamersley Manufacturing Company, The, New York, N. Y. Graham Bread. For Bread. 26,271; July 31.

Hammermill Paper Company, Erie, Pa. "Hammermill Announcement Stock." (For Packages Containing Paper for Making Announcements and Envelopes to Match.) 25,489; Jan. 23.

Hammermill Paper Company, Erie, Pa. "Hammermill Announcement Bristol." (For Packages Containing Announcement Stock.) 25,687; Mar. 6.

Hansbury Co., The, Binghamton, N. Y. "Celry-Fil." (For Tubes of a Specially-Prepared Cheese Paste.) 25,509; Jan. 30.

Hansen Hosiery House, Spokane, Wash. Dora-Dee. For Silk Hosiery for Women. 26,613; Dec. 4.

Hanzel, Stanley F., doing business as S. F. Hanzel Card Co., Chicago, Ill. Golden Diamond Playing Cards. For Playing Cards. 25,561; Nov. 20.

Hanzel, Stanley F., doing business as S. F. Hanzel Card Co., Chicago, Ill. Green Club Playing Cards. For Playing Cards. 26,559; Nov. 20.

Hanzel, Stanley F., doing business as S. F. Hanzel Card Co., Chicago, Ill. Blue Spade Playing Cards. For Playing Cards. 26,560; Nov. 20.

Hardwood Products Co., The, Mayville, Mich. Maid Of The Birch. For Packages Containing Toothpicks. 25,798; Apr. 3.

Hardwood Products Co., The, Mayville, Mich. Trophy Tooth Picks. For Packages Containing Toothpicks. 25,799; Apr. 3.

Hardy Newman & Co., also doing business as Parfait Powder Puff Co., Chicago, Ill. Parfait. For Powder Puffs. 26,228; July 17.

Hargrave, T. A., doing business as Thos. A. Hargrave and Son, Dallas, Tex. Best Yet Lice, Mite & Roach Powder. For Insect Powder. 25,958; May 22.

Hartford, W. H., and J. N. Hartford, Nashville, Tenn. Hart-Ford. For Containers for Hosiery. 26,343; Sept. 4.

Haslett, Elmer, Los Angeles, Calif. The Rose of Guadalupe (La Rose de Guadalupe). For Face Powder. 26,288; Aug. 7.

Hasty, M. A., Richmond, Ind. "Hasty's White Mule." (For Candies.) 25,583; Feb. 13.

Haupt, John J., Pittsburgh, Pa. Gold Seal Malt Extract. For Cans Containing Malt Extract. 25,833; Apr. 17.

Hecker, H. G., Sacramento, Calif. An Art Light Fixture For Electric-Lighting Fixtures. 25,818; Apr. 10.

Heller, B., & Company, Chicago, Ill. "Bull-Meat-Brand Flour." (For a Carton for Enclosing a Cereal Product for use in Meat Loaves, Bologna, Frankfort, Pork, and Other Sausage.) 25,538; Feb. 6.

Heller, B., & Company, Chicago, Ill. "Heller's Malaboza Brand Caramel-Me." (For Containers Holding a Combined Coloring and Flavoring Paste for Use in Food Products.) 25,539; Feb. 6.

Heller, B., & Company, Chicago, Ill. "Bull-Meat-Brand Flour." (For Barrels, Drums, and Cases Containing a Cereal Product for Use in Making Sausages and Other Products.) 25,540; Feb. 6.

Heller, B., & Company, Chicago, Ill. "$1000.00 Guaranteed Silver Polish." (For Cartons for Inclosing a Dry Powder Polish for Use on Precious Metals.) 25,584; Feb. 13.

Heller, B., & Company, Chicago, Ill. "$1000 00 Guaranteed Ant-Bane." (For a Carton for Inclosing an Insecticide Preparation for Killing Ants.) 25,585; Feb. 13.

Heller, B., & Company, Chicago, Ill. "$1000.00 Guaranteed Rat and Mice Killer." (For a Carton for Inclosing an Insecticide Preparation for Killing Rats and Mice.) 25,586; Feb. 13.

Heller, B., & Company, Chicago, Ill. "$1000 00 Guaranteed Pure Vanilla Extract." (For Containers Holding a Pure Vanilla Extract for Use in Flavoring Food Products and Confectionery and Ice Cream.) 25,587; Feb. 13.

Heller, B., & Company, Chicago, Ill. "Heller's Ice Cream Makers Special Pure Vanilla Extract." (For Containers Holding a Pure Vanilla Extract for Use in Ice Cream and Food Products.) 25,588; Feb. 13.

Heller, B., & Company, Chicago, Ill. "Heller's Royal Zest Prepared Cocoa with Milk and Malt." (For Containers Holding a Prepared Cocoa.) 25,589; Feb. 13.

Heller, B., & Company, Chicago, Ill. "Zanzibar Brand Writing Fluid." (For Bottles, Cans, and Cases Containing a Writing Ink for All Purposes.) 25,590; Feb. 13.

Heller, B., & Company, Chicago, Ill. "$1000.00 Guaranteed Flea Killer." (For Cartons Inclosing an Insecticide Preparation for Killing Fleas.) 25,702; Mar. 13.

Heller, B., & Company, Chicago, Ill. Mello-Freeze. For a Preparation for Use in Improving Ice Cream and in Conditioning the Ice-Cream Mix. 26,171; July 10.

Heller, B., & Company, Chicago, Ill. Heller's Fancy-Pastry Dessert Powder. For a Preparation for Use in Making Desserts. 26,172; July 10.

Heller, B., & Company, Chicago, Ill. Heller's Fancy-Pastry Dessert Powder. For Preparation for Use in Making Desserts. 26,229; July 17.

Heller, B., & Company, Chicago, Ill. Meloine. For Preparation for Use in Improving Ice Cream and in Conditioning the Ice-Cream Mix. 26,230; July 17.

Heller, B., & Company, Chicago, Ill. Heller's Ice Cream Bouquet. For Dry Powder Flavoring Compound for Use in Flavoring Ice Cream. 26,614; Dec. 4.

Henard Mayonnaise Company, Nashville, Tenn. Maleto. For Mayonnaise Salad Dressing. 26,562; Nov. 20.

Henard Mayonnaise Company, Nashville, Tenn. Sandwich Relish. For Relish. 26,668; Dec. 11.

Henning Wennersten Incorporated, Chicago, Ill. "Radio." (For Malt Extracts.) 25,591; Feb. 13.

Henschel, A. C., & Co., Chicago, Ill. Corona Del Java. For Cigars. 25,933; May 15.

Henschel, A. C., & Co., Chicago, Ill. William Burdell. For Cigars. 25,934; May 15.

Herbert Packing Co., Inc., San Jose, Calif. "Herbert's fancy." (For Canned Pears.) 25,592; Feb. 13.

Hershey, Daniel W., Dayton, Ohio. Dan. W. Hershey's Famous Special Dressing For All Kinds of Salads. For Salad Dressing. 25,878; May 1.

Herz, Alexander, doing business as Alexander Herz Company, New York, N. Y. "Kismet White Laid Confectionery Bags." (For Boxes of Paper Bags.) 25,631; Feb. 20.

Herz, Alexander, doing business as The Herz Straw Co., New York, N. Y. "Sunshine Straws." (For Boxes of Paper Drinking Straws.) 25,735; Mar. 20.

Herz, Alexander Company. (See Herz, Alexander.)

Herz Straw Co., The. (See Herz, Alexander.)

Hess, Dr. Louis C., Chestertown, Md. Anestypticide. For a Local Preparation by That Name Having Anæsthetic, Styptic, and Antiseptic Properties. 26,669; Dec. 11.

High Grade Mills, Inc., New York, N. Y. Cheez-Kloth-Pack. For Cheesecloth. 26,615; Dec. 4.

Hill, Robert, doing business as Mittme Manufacturing Company, Buffalo, N. Y. Mittme. For Nonalcoholic Maltless Beverages and Sirups for Preparing the Same. 25,911; May 8.

Hilliard, David G., Trenton, N. J. Hilliard's Healing Hazel Cream. For Medicinal Preparation for the Treatment of the Skin. 26,616; Dec. 4.

Hills Brothers Company, The, New York, N. Y. Dromedary Coconut. For Packaged Coconut. 26,344; Sept. 4.

Hillsboro Condensed Milk Company, Hillsboro, Wis. "Capitol." (For Evaporated Milk.) 25,736; Mar. 20.

Hinko, Mathias, Cicero, Ill. Plzenske. For Malt Extract. 26,563; Nov. 20.

Hirsch, Walter J., Company, Chicago, Ill. Black Monk. For Ice-Cream Cones. 25,879; May 1.

Hirschler, Lee M., doing business as Hirschler & Co., Cincinnati, Ohio. Blue Dot. For Hops. 26,272; July 31

Hirsch's Hair Bazaar Inc., St. Louis, Mo. Ask For The Hirschnet. For a Special One-Piece Folded and Printed Paper Envelope in Which Hirschnet Hair Nets Exclusively are Packed. 26,617; Dec. 4.

Hodskin, Julius D., doing business as G. E. Hall Company, Binghamton, N. Y. Clover Club. For Cartons and Packages Containing Ice Cream and Ice-Cream Bricks. 25,819; Apr. 10.

Hoffman, E. A., Candy Co., Los Angeles, Calif. Prince Charming. For Candy. 26,618; Dec. 4.

Hoffman & Hauck Inc., Woodhaven, N. Y. "H & H Honey." (For Honey.) 25,488; Jan. 23.

Hoffman Manufacturing Company, Springfield, Ill. Instructions For Installing Hoffman Quick-Change Transmission Band For Ford Cars. For Transmission Bands for Automobiles. 26,594; Sept. 18.

Hoffmann, John, & Sons Co., Milwaukee, Wis. Hoffmann's Finest Quality. For Currants. 26,010; May 29.

Hoffmann, John, & Sons Co., Milwaukee, Wis. Hoffmann's Finest Quality. For Sugar. 26,011; May 29.

Hoffmann, John, & Sons Co., Milwaukee, Wis. Hoffmann's Finest Quality. For Shrimp. 26,012; May 29.

Hoffmann, John, & Sons Co., Milwaukee, Wis. Hoffmann's Finest Quality. For Horse-Radish. 26,013; May 29.

Hoffmann, John, & Sons Co., Milwaukee, Wis. Hoffmann's Finest Quality. For Rolled Oats. 26,014; May 29.

Hoffmann, John, & Sons Co., Milwaukee, Wis. Hoffmann's Finest Quality. For Apricots. 26,015; May 29.

Hoffmann, John, & Sons Co., Milwaukee, Wis. Hoffmann's Finest Quality. For Peas. 26,016; May 29.

Hoffmann, John, & Sons Co., Milwaukee, Wis. Hoffmann's Finest Quality. For Coffee. 26,017; May 29.

Hoffmann, John, & Sons Co., Milwaukee, Wis. Hoffmann's Finest Quality. For Tea. 26,018; May 29.

Hoffmann, John, & Sons Co., Milwaukee, Wis. Hoffmann's Finest Quality. For Macaroni. 26,019; May 29.

Hoffmann, John, & Sons Co., Milwaukee, Wis. Hoffmann's Finest Quality. For Evaporated Milk. 26,020; May 29.

Hoffmann, John, & Sons Co., Milwaukee, Wis. Hoffmann's Finest Quality. For Cornstarch. 26,021; May 29.

Hoffmann, John, & Sons Co., Milwaukee, Wis. Hoffmann's Finest Quality. For Gloss Starch. 26,022; May 29.

Holland Bread Company. (See Menasha Printing and Carton Company, assignor.)

Holland Knitting Co., Brooklyn, N. Y. Société. For Knitted Cravats. 26,249; July 24.

Holly Products Co. (See Hoye, Stephen M.)

Homer Furnace Company, Coldwater, Mich. "Wren-Wrest." (For Bird House.) 25,490; Jan. 23.

Honn, Virginia C., doing business as Velvet-Tinge Dispensary Co., Kansas City, Mo. "Velvet-Tinge." (For Velvet-Tinge, a Face Lotion.) 25,593; Feb. 13.

Hopewell Chocolate Company, Inc., Hopewell, N. J. Chocolate Covered Cherries. For A Pasteboard Box Containing an Article of Confectionery. 25,935; May 15.

Houghton, Wm. L., and Sons, Philadelphia, Pa. Champion Metal Polish. For a Polish for Silverware, Brassware, and Similar Metal Surfaces. 25,834; Apr. 17.

Houseman's Puffs. For Fried Cakes. Houseman Cream Fried Cake Co. 26,083; June 12.

Hovden, K., Co., Monterey, Calif. Portola. For Sardines. 25,856; Apr. 24.

Hovden. K., Co., Monterey, Calif. Hovden's. For Sardines. 25,857; Apr. 24.

Hoye, Stephen M., doing business as Ka-Zu Beverage Company, Inc., Brooklyn, N. Y. "Ka-Zu Champagne." (For Beverages.) 25,632; Feb. 20.

Hoye, Stephen M., doing business as Hoye's Holly Products Co., Brooklyn, N. Y. Hoye's Holly Champagne. For Beverages. 26,023; May 29.

Hoye, Stephen M., doing business as Holly Products Co., Brooklyn, N. Y. Hoye's Sparkling Whisko. For Beverages. 26,173. July 10.

Hoye, Stephen M., New York, N. Y. Holly Champagne. For Extracts, Sirups, and Beverages. 26,619; Dec. 4.

Hoyt's Consumers Cracker & Biscuit Corporation, also doing business as Hoyt's Cracker & Biscuit Corporation, Los Angeles, Calif. Glacier Kaps. For Fancy Cakes. 26,410; Sept. 25.

Hoyt's Consumers Cracker & Biscuit Corporation, also doing business as Hoyt's Cracker & Biscuit Corporation, Los Angeles, Calif. Crisp*O*Lite. For Crackers. 26,620; Dec. 4.

Hub Hosiery Mills, Boston, Mass. "Bunny Cottontail." (For Infants' Hose.) 25,661; Feb. 27.

Hub Hosiery Mills, Boston, Mass. Wooly-Lamb. For Infants' Hose. 25,936; May 15.

Hub Hosiery Mills, Boston, Mass. Pussy Silver Legs. For Infants' Hose. 25,959; May 22.

Hubacher, Fred, Cleveland, Ohio. "F. Hubacher's Nature Salve." (For Containers for the Salve Aforesaid.) 25,753; Mar. 27.

Hudson Cigar Company, Beallsville, Ohio. Dewey's Big Havana. For Cigars. 25,960; May 22.

Hughes & Bradley Co., Philadelphia, Pa. "Rosemary Undergarments." (For Boxes Containing Silk Undergarments.) 25,594; Feb. 13.

Humphrey, W. E., Co. Inc., Tacoma, Wash. "Humphrey's Malted Milk Nut Caramel Special." (For Candies (Candy Bar).) 25,510; Jan. 30.

Humphrey, W. E., Co., Inc., Tacoma, Wash. Humphrey's Big Chief Bar. For Candy Bar. 25,835; Apr. 17.

Humphrey, W. E., Co., Inc., Tacoma, Wash. Humphrey's Bright Eyes Bar. For Candy Bar. 25,836; Apr. 17.

Hundemann, Charles H., New York, N. Y. La Divinidad. For Cigars. 26,564; Nov. 20.

Hutchison, Ethel B., Delano, Calif. California Cantaloupe Confection. For a Confection Having Cantaloupes as Its Base or Main Ingredient. 26,326; Aug. 14.

Huyler's, New York, N. Y. "The Tidbit Package." (For a Special Assortment of Bonbons and Chocolates.) 25,595; Feb. 13.

Huyler's, New York, N. Y. Assorted Nut Chocolates. For Assorted Nut Chocolates. 26,565; Nov. 20.

Huyler's, New York, N. Y. Nut and Fruit Chocolates. For Nut and Fruit Chocolates. 26,566; Nov. 20.

Huyler's, New York, N. Y. Assorted Chocolates All cream centers. For Assorted Chocolates. 26,567; Nov. 20.

Hygienic Fibre Company, Versailles, Conn., and New York, N. Y. "Hygienic Made." (For Aseptic Absorbent Material.) 25,596; Feb. 13.

I. & P. Products Co., Brooklyn, N. Y. Carnation Brand Malt Syrup. For Malt Sirup. 26,373; Sept. 11.

Icy Hunni Co., Milwaukee, Wis. "Icy Hunni." (For Frozen Dainties.) 25,541; Feb. 6.

Ideal Cocoa & Chocolate Co., Lititz, Pa., and New York, N. Y. Mr. Porker. For Cake Chocolate. 26,414; Sept. 25.

Ideal Cocoa & Chocolate Co., Lititz, Pa., and New York, N. Y. Peter Squirrel. For Cake Chocolate. 26,415; Sept. 25.

Ideal Cocoa & Chocolate Co., Lititz, Pa., and New York, N. Y. Prince. For Cake Chocolate. 26,416; Sept. 25.

Ideal Cocoa & Chocolate Co., Lititz, Pa., and New York, N. Y. Miss Kitty. For Cake Chocolate. 26,417; Sept. 25.

Ideal Cocoa & Chocolate Co., Lititz, Pa., and New York, N. Y. Rajah. For Cake Chocolate. 26,418; Sept. 25.

Ideal Cocoa & Chocolate Co., Lititz, Pa., and New York, N. Y. Buster Bear. For Cake Chocolate. 26,419; Sept. 25.

Ideal Cocoa & Chocolate Co., Lititz, Pa., and New York, N. Y. Miss Bunny. For Cake Chocolate. 26,420; Sept. 25.

Ideal Cocoa & Chocolate Co., Lititz, Pa., and New York, N. Y. The Chocolate Rooster. For Cake Chocolate. 26,421; Sept. 25.

Ideal Cocoa & Chocolate Co., Lititz, Pa., and New York, N. Y. Sweetie. For Cake Chocolate. 26,422; Sept. 25.

Ideal Cocoa & Chocolate Co., Lititz, Pa., and New York, N. Y. The Chocolate Soldier. For Cake Chocolate. 26,423; Sept. 25.

Imperial Perfumery and Barber's Supplies, Inc., New York, N. Y. "Imperial Lilac Toilet Water." (For Toilet Water.) 25,737; Mar. 20.

Imperial Perfumery and Barber's Supplies Inc., New York, N. Y. Hygiène De La Tête. For Hair Tonics. 26,024; May 29.

Imperial Perfumery and Barber's Supplies, Inc., New York, N. Y. Imperial Bay Rum. For Bay Rum. 26,231; July 17.

Independent Breweries Company, The, also doing business as Independent Products Company, St. Louis, Mo. Sampson. For Malt Sirup. 25,961; May 22.

Independent Products Company. (See Independent Breweries Company.)

Inderrieden Canning Co., Chicago, Ill. Peter-Pan. For Peas. 26,232; July 17.

Inderrieden Canning Co., Chicago, Ill. Peter-Pan. For Corn. 26,233; July 17.

Individual Drinking Cup Company, Inc., Easton, Pa. Dixie Cups. For Drinking Cups. 26,345; Sept. 4.

Ingram, Mrs. Edgar W., Peoria, Ill. Youthtone. For a Cosmetic. 26,448; Oct. 2.

Interlake Tissue Mills Co. Ltd., Merritton, Ontario, Canada. Interlake. For Toilet Paper. 26,174; July 10.

Interlake Tissue Mills Co. Ltd., Merritton, Ontario, Canada. Blue Bird. For Toilet Paper. 26,175; July 10.

Interlake Tissue Mills Co. Ltd., Merritton, Ontario, Canada. White Cross. For Toilet Paper. 26,176; July 10.

International Shoe Company, St. Louis, Mo. Star Brand Shoes are Better. For Shoes. 26,424; Sept. 25.

International Shoe Company, St. Louis, Mo. Your Money Back and a New Pair of Shoes Free. For Shoes. 26,425; Sept. 25.

International Salt Company, Inc., New York, N. Y., and Scranton, Pa. Salt. For Salt. 26,449; Oct. 2.

Isser Reznik's Sons, New York, N. Y. Royal Muslin. For Muslin. 26,234; July 17.

Ivins', J. S., Son, Inc., Philadelphia, Pa. Ivins. For Biscuits. 26,395; Sept. 18.

J. & G. Laboratory. (See Margowski, Geo, L.)

Jackson, Adelaide A., and Elizabeth Jones, doing business under the name of A. & E. Jackson, New York, N. Y. Mammy's Delight Southern Beaten Biscuit. For Wrappers for Biscuits. 26,523; Nov. 13.

Alphabetical list of registrants of labels—Continued.

Jacquin, Charles, et Cie. Inc., New York, N. Y. "Jacquin Sauce." (For Sauce for Cooking Purposes.) 25,688; Mar. 6.

Jenkins, Kreer & Co., Inc., Chicago, Ill. "Ravenite Fabrics." (For Cotton Piece Goods, More Definitely Sateens.) 25,703; Mar. 13.

Jenkins, Kreer & Co. Inc., Chicago, Ill. Jay-Kay Khaki. For Cotton Piece Goods, Khaki Colored. 25,937; May 15.

Jenquins Laboratories, The, Chicago, Ill. Jenquin's Ext. For Cod-Liver-Oil Pills. 25,962; May 22.

Jersey Fruit Growers Co-Operative Association, Camden, N. J. Jersey Jerry. For Crates Containing Fruits. 26,621; Dec. 4.

Jett & Wood Mercantile Company, The Wichita, Kans. Harvest Home. For Blackberries. 25,963; May 22.

Joannes Bros. Co., Green Bay, Wis. "Clover Brand." (For Corn Sirup.) 25,511; Jan. 30.

Joannes Bros. Co., Green Bay, Wis. "Sunset Club." (For Coffee.) 25,512; Jan. 30.

Joannes Bros. Co., Green Bay, Wis. "French Breakfast." (For Coffee.) 25,513; Jan. 30.

Joannes Bros. Co., Green Bay, Wis. "White Clover." (For Corn Sirup.) 25,597; Feb. 13.

Johns, Chester T., Cucamonga, Calif. Sun Reign. For Fresh Grapes. 26,721; Dec. 25.

Johnson, Glen S., doing business as Glen S. Johnson & Co., Mineral Wells, Tex. Glen's. For Liver Capsules. 26,025; May 29.

Johnson Nut Company, Minneapolis, Minn. Johnson's Sane Nuts—They're More Refined. For Salted-Nut Containers. 25,880; May 1.

Johnston, Matthew R., doing business as M. R. Johnston Coffee Co., Baltimore, Md. M R J. For Coffee. 25,964; May 22.

Johnston, R. F., Paint Company, The, Cincinnati, Ohio. "Lino-Nu." (For Decorating Outfits Comprising Varnish, Coloring Matter, Brushes, and Sponges.) 25,754; Mar. 27.

Johnston, R. F., Paint Company, The, Cincinnati, Ohio. Grounder. For Ready-Mixed Paints. 26,568; Nov. 20.

Johnston, Robert A., Co., Milwaukee, Wis. R. S. V. P. For Candy. 25,858; Apr. 24.

Johnston United Chemical Co., The, Clare, Mich. It Is A Pleasure To Use Jack's Fly And Insect Mist. For A Preparation for Destroying Flies and Insects. 26,670; Dec. 11.

Jordan Marsh Company, Boston, Mass. "Avona." (For Packages Containing Hair Nets.) 25,598–9; Feb. 13.

Jordan Marsh Company, Boston, Mass. Comet. For Golf Balls. 25,811; May 1.

Jordan Marsh Company, Boston, Mass. Copley, The Men's Store of New England, a Separate Store in a Separate Building. For Men's Stockings and Socks. 26,177; July 10.

Jordan Marsh Company, Boston, Mass. Copley, The Men's Store of New England, a Separate Store in a Separate Building. For Men's Vests. 26,178; July 10.

Jordan Marsh Company, Boston, Mass. Copley, The Men's Store of New England, a Separate Store in a Separate Building. For Men's Sweaters. 26,179; July 10.

Jordan Marsh Company, Boston, Mass. Copley, The Store For Men A Separate Store In A Separate Building. For Men's Overcoats. 26,250; July 24.

Jordan Marsh Company, Boston, Mass. Copley, The Store For Men A Separate Store In A Separate Building. For Men's Coats. 26,251; July 24.

Kaiser-Ford Co., Los Angeles, Calif. We Put The 'O's In Potato's. For Potato Waffles or Chips. 26,346; Sept. 4.

Kalamazoo Stationery Co., Kalamazoo, Mich. Progress. For Writing Tablets. 26,524; Nov. 13.

Kalamazoo Stationery Co., Kalamazoo, Mich. Gladice. For Writing Tablets. 26,622; Dec. 4.

Kamenstein, Meyer, New York, N. Y. "The Pride." (For Washboilers.) 25,542; Feb. 6.

Karnak Studios, Madison, Wis. "Floralo Incense." (For Boxes Containing Incense. 25,738; Mar. 20.

Karp, Joseph H., New York, N. Y. Noble-Heart. For Soap. 26,396; Sept. 18.

Katz, Sigmund, New York, N. Y. "The K. R." (For Cans Containing Pure Malt Extracts.) 25,491; Jan. 23.

Kay-White Products, Inc., New York, N. Y. Scotch Bob Butter Scotch Ice Cream. For Butter-Scotch Ice Cream. 26,722; Dec. 25.

Kazbek Company, Inc., Jersey City, N. J. Kazbek Complexion Clay. For Complexion Clays. 26,481; Oct. 9.

Ka-Zu Beverage Company. (See Hoye, Stephen M.)

Keagy, Martin L., doing business as Lion Chemical Laboratories, Canton, Ohio. Bunny Cleaner. For a Water Softener and Washing Power. 26,180; July 10.

Keagy, Martin L., doing business as Lion Chemical Laboratories, Canton, Ohio. Lion. For a Water-Softener Washing Powder. 26,347; Sept. 4.

Kelley, Howard E., doing business as Good Samaritan Company, New York, N. Y. Good Samaritan Ointment. For Ointment. 26,671; Dec. 11.

Kellogg-Birge Company, doing business as Kellogg-Manufacturing Company, Keokuk, Iowa. Sugar Spread. For a Confection for Use as an Icing. 25,820; Apr. 10.

Kellogg Company, Battle Creek, Mich. "Brano Flakes." (For Cereal Foods.) 25,755; Mar. 27.

Kellogg Company, Battle Creek, Mich. Bran Flakes. For Edible Bran for Human Consumption. 25,821; Apr. 10.

Kellogg Company, Battle Creek, Mich. Vim. For Cereal Food. 25,837; Apr. 17.

Kellogg Company, Battle Creek, Mich. Kellogg's Corn Flakes. For Cereal Breakfast Food. 25,938; May 15.

Kellogg Company, Battle Creek, Mich. Kellogg's Bran. For Cereal Breakfast Food. 25,939; May 15.

Kellogg Company, Battle Creek, Mich. Kellogg's Corn Flakes. For Cereal Breakfast Food. 25,965; May 22.

Kellogg Company, Battle Creek, Mich. Instant Coffeola. For Coffeelike Beverages. 26,026; May 29.

Kellogg Company, Battle Creek, Mich. Kellogg's Corn Flakes. For Cereal Breakfast Food. 26,289; Aug. 7.

Kellogg Company, Battle Creek, Mich. Kellogg's Bran Flakes. For Cereal Breakfast Food. 26,290; Aug. 7.

Kellogg Company, Battle Creek, Mich. Kellogg's Bran Cooked and Krumbled. For Cereal Breakfast Food. 26,327; Aug. 14.

Kellogg Company, Battle Creek, Mich. Albran. For Cereal Breakfast Food. 26,569; Nov. 20.

Kellogg Company, Battle Creek, Mich. Kellogg's Corn Flakes. For Cereal Breakfast Food. 26,623; Dec. 4.

Kellogg Manufacturing Company. (See Kellogg-Birge Company.)

Kellogg Toasted Corn Flake Co., Battle Creek, Mich. "Pep." (For Cereal Foods.) 25,689; Mar. 6.

Kelly, Frank S., doing business as Kelly's Japan Polish Co., Chicago, Ill. Jap. An. and a representation of two eyes. For a Polish and Coating for Japanned, Varnished, or Enameled Surfaces. 26,503; Oct. 30.

Kelp Water Company. (See Morriss, Herbert A.)

Kenney, M. C., Dubois, Pa. Lenz-Lite. For a Bottle of Liquid for Cleaning Glasses. 25,800; Apr. 3.

Kern, Charles J., doing business as The Kern Toy Co., Buffalo, N. Y. Eleise Toy Furniture 'You Build It' Instructive—Educational—Entertaining. For Sets of Toy Furniture. 25,859; Apr. 24.

Kern Toy Co., The. (See Kern, Charles J.)

Kerns, J., Milwaukee, Wis. Sinclairs. For Cigars. 26,027; May 29.

Kerns, J., Milwaukee, Wis. Flor de Mehlhop. For Cigars. 26,028; May 29.

Kickbusch, A., Grocery Company, Wausau, Wis. Scottie. For Peas. 25,860; Apr. 24.

King and Company, Chicago, Ill. Apricot Sheik. For Soft Beverages of Apricot Flavor. 26,689; Dec. 18.

King, Frank O., Chicago, Ill. Skeezix. For Candy. 26,492; Oct. 16.

King, H. H., Flour Mills Company, Minneapolis, Minn. King's Castle. For Wheat Flour. 26,252; July 24.

King, Orsemus E., Mechanicsburg, Ohio. Stork Band For Cigars. For Cigars. 26,411; Sept. 25.

King's Specialty Company. (See Williams, John A., D. D. S.)

Kirk, James S., & Company, Chicago, Ill. Kirk's Original Olive Cocoa Castile. For Soap. 26,235; July 17.

Kirk, James S., & Company, Chicago, Ill. Jap Rose. For Soap. 26,328; Aug. 14.

Kisker, John V., & Co., Cincinnati, Ohio. Cove Dale. For Eggs. 25,966; May 22.

Klar, Adolph, New York, N. Y. Fashionable. For Hair Nets. 26,450; Oct. 2.

Klar, Adolph, New York, N. Y. Viennette. For Hair Nets. 26,451; Oct. 2.

Knowlan Candy Co., Green Bay, Wis. Kayseeco. For Boxes Containing Assorted Chocolates. 26,482; Oct. 9.

Knoxville Mattress Company, Knoxville, Tenn. Sleep Easy Felt Mattress. For Mattresses. 26,525; Nov. 13.

Koffey, T. N., Co., Brooklyn, N. Y. Arabo. For Coffee. 26,526; Nov. 13.

Kopf Bros. Co., The, New Haven, Conn. Sun-E-Isle Grape Fruit. For Grapefruit. 26,348; Sept. 4.

Krank, A. J., Mfg. Co., St. Paul, Minn. "Lemon Facial Pack." (For Containers Containing a Skin Treatment, and Beautifier.) 25,600; Feb. 13.

Krank, A. J., Mfg. Co., St. Paul, Minn. "Krank's Mentho-Lemon." (For Containers Containing a Vanishing Cream.) 25,601; Feb. 13.

Krank, Alfred J., St. Paul, Minn. "Krank's Pink Blush." (For Cartons Containing a Vanishing and Massage Cream.) 25,492; Jan. 23.

Krank, Alfred J., St. Paul, Minn. "Krank's Pink Blush." (For Jars Containing a Vanishing and Massage Cream.) 25,493; Jan. 23.

Krank, Alfred J., St. Paul, Minn. "Krank's Oilaa Head Rub." (For Containers Containing a Hair Tonic and Fixative.) 25,494; Jan. 23.

Krank, Alfred J., St. Paul, Minn. "Krank's Fix-A-Gloss." (For Containers Containing a Dandruff Remedy and Hair Dressing.) 25,495; Jan. 23.

Krank, Alfred J. St. Paul, Minn. Frank's Fix-A-Gloss. For Hair Fixative and Dandruff Remedy. 25,912; May 8.

Krank, Alfred J., St. Paul, Minn. Krank's Lemon Facial Pack. For Skin Treatment and Beautifier. 25,913; May 8.

Krank, Alfred J., St. Paul, Minn. Krank's Hydrofoam (Pine Tar) Shampoo. For Containers Containing a Shampoo. 25,967; May 22.

Krank, Alfred J., St. Paul, Minn. Krank's Hydrofoam (Orange) Shampoo. For Containers Containing a Shampoo. 25,968; May 22.

Krank, Alfred J., St. Paul, Minn. Krank's Liquid Cream For Containers Containing a Face Lotion. 25,969; May 22.

Krank, Alfred J., St. Paul, Minn. Krank's Sporicide. For Containers Containing an Antiseptic. 25,970; May 22.

Krank, Alfred J., St. Paul, Minn. Krank's Camolease. For Containers Containing a Salve. 25,971; May 22.

Krank, Alfred J., St. Paul, Minn. Krank's Scalphealth. For Containers Containing a Hair Tonic. 25,972; May 22.

Krank, Alfred J., St. Paul, Minn. Krank's Hairwealth. For Containers Containing a Hair Tonic. 25,973; May 22.

Krank, Alfred J., St. Paul, Minn. Krank's Mentho Lemon. For Vanishing Cream. 25,974; May 22.

Krank, Alfred J., St. Paul, Minn. Krank's Lemon Facial Pack. For a Skin Treatment and Beautifier. 26,253; July 24.

Krank, Alfred J., St. Paul, Minn. Creme Ventura. For Vanishing Cream. 26,412; Sept. 25.

Krank, Alfred J., St. Paul, Minn. Skin-Health. For Toilet Cream. 26,413; Sept. 25.

Krank, Alfred J., St. Paul, Minn. Solidified Brilliantine. For a Hair Fixative. 26,570; Nov. 20.

Krasnow, R., & Sons, Inc., Pittsburgh, Pa., and Fresno, Calif. Smile. For Oranges. 26,291; Aug. 7.

Krepstman, Samuel, doing business as American Malt Products Co., New York, N. Y. Mayflower-Brand. For Malt Extract. 25,940; May 15.

Kriel, Walter E., Baltimore, Md. Hercules. For Liquid Glue. 26,624; Dec. 4.

Kriel, Walter E., Baltimore, Md. Army & Navy. For Liquid Glue. 26,625; Dec. 4.

Kroeze, Nicholas V., Paterson, N. J. Bromo. For Headache Capsules. 25,861; Apr. 24.

Kroeze, Nicholas V., Paterson, N. J. White Pine Expectorant. For Cough Sirup. 25,941; May 15.

Kronberger's Laboratories, Boston, Mass. Arabello Bitters. For a Medicinal Preparation—Namely, an Appetizing and Digestive Tonic. 26,452; Oct. 2.

Krueger, Richard G., New York, N. Y. Baby's Clothes Tree. For Babies' Clothes Trees. 26,672; Dec. 11.

Krueger-Tobin Co. Inc., New York, N. Y. Kreeper. For Infants' Hosiery. 25,914; May 8.

Kutner-Goldstein Co., San Francisco, Calif. Kutner's Highland. For Coffee. 26,292; Aug. 7.

Kutner-Goldstein Co., San Francisco, Calif. Fleur De Lis. For Sulphur. 26,374; Sept. 11.

Laabs Bros. Company. (See Menasha Printing and Carton Company, assignor.)

Labrecque Brothers, doing business as Mt. Tom Bakery, Willimansett, Mass. Mt. Tom. For Bread. 25,915; May 8.

La Dez Cigar Co., Denver, Colo. "La Dez." (For Cigars.) 25,496; Jan. 23.

Lake Yale Orange Company, Eustis, Fla. "Lake Yale Grapefruit Marmalade." (For Grapefruit Marmalade.) 25,602; Feb. 13.

La Victoria Packing Company. (See Baca, Pablo)

Laura Hair Novelty Co. (See Thau, Charles K.)

Lawton, Thomas, New York, N. Y. Dr. Lawton's Automatic Waistline Reducer. For Surgical Appliances. 26,236; July 17.

Leader Novelty Candy Company, Inc., Brooklyn, N. Y. Picture Alphabetic Prize Candy Box. For Candy and a Prize. 26,293–305; Aug. 7.

Lee-Strauss Co., Johnstown, Pa. Radcose. For a Nonfreezing Solution for Automobile, Truck, and Tractor Radiators. 26,687; Dec. 18.

Lee, W. E., & Co., Inc., Plant City, Fla. Pretty Baby. For Canned Citrous Fruits. 26,454; Oct. 2.

Lemieux, Joseph O., doing business as J. O. Lemieux Company, Manchester, N. H. Vita Perfecta. For a Medicinal Compound. 26,626; Dec. 4.

Lenox Guaranteed Hosiery Shops. (See Fermustex Hosiery Company.)

Levin's Sinai Kosher Sausage Factory, Chicago, Ill. "Kosher Sausage." (For Sausage.) 25,662; Feb. 27.

Levison, Ben, doing business as Levison & Wilson, San Francisco, Calif. Mah Deuck. For a Game. 26,375; Sept. 11.

Levkowicz, Marcus W., doing business as Perspero Company, San Francisco, Calif. Perspero. For a Composition of Matter Used for the Toilet. 26,254; July 24.

Levor, Victor, Attica, Ind. Paul Dresser. For Cigars. 26,723; Dec. 25.

Lewis, Frank P., Cigar Co., Peoria, Ill. Lewis' Single Binder De Luxe. For Cigars. 26,527; Nov. 13.

Lewis, Geo. J., Lodi, Calif. Mission-Vineyards. For Fresh Grapes. 26,397; Sept. 18.

Lichtenberger, Harry J., Washington, D. C. Scout Notes. For Blank Notebooks and Memorandum Pads. 26,237; July 17.

Lieberman & Star Co., Chicago, Ill. Fashion-Bilt Clothes. For Men's Garments. 26,528; Nov. 13.

Lily Baking Company, Muskogee, Okla. Daisy. For Bread. 25,882; May 1.

Lindsley, Norman D., Chelan, Wash. "Lake Chelan Brand." (For Fresh Apples.) 25,497; Jan. 23.

Lion Chemical Laboratories. (See Keagy, Martin L.)

Lionel Corporation, The, New York, N. Y. Lionel Electric Toy Trains. For Electric Toy Trains. 26,329; Aug. 14.

Little & Golze, Philadelphia, Pa. Alyerond. For Overcoats. 25,838; Apr. 17.

Littman, Geo., Stuart, Fla. "Lemon Liver Workers." (For Envelopes Containing Liver Pills.) 25,690; Mar. 6.

Locke, D. E., doing business as Mammy's Remedy Company, El Paso, Tex. Mammy's Sure-Fat. For Medicine. 26,029; May 29.

Logee, E. L., Company, Providence, R. I. Emblems of Distinction. For Emblems and Badges. 26,455; Oct. 2.

Long Island Poultry Association, Huntington, N. Y. Eggs. For Poultry Products. 26,273; July 31.

Los Angeles Milo Wheat Co., Glendale, Calif. Milo wheat. For Cereal Food. 26,627; Dec. 4.

Lott, M. E., Quitman, Miss. "Cum Clean Soap." (For a Can Containing Soap.) 25,739; Mar. 20.

Loveless, Samuel E., Chicago, Ill. I-S. For Bread. 26,181; July 10.

Lucido Brothers Grocery Company, also doing business as Lucido Bros. Grocer Co., Granite City, Ill. Lucido's Quality. For Peas. 26,238; July 17.

Lustershine Mfg. Co. (See Slavin, Isadore.)

Macon Creamery Company. (See Menasha Printing and Carton Company, assignor.)

Madden, J. M., doing business as Maddens Pharmacy, Jacksonville, Fla. "Madden's Digestive Tonic." (For Bottles Containing Medicine—Namely, a Digestive Tonic.) 25,756; Mar. 27.

Maddens Pharmacy. (See Madden, J. M.)

Madder, William B., Sharon, Pa. Rejuven. For Bird-Food Preparation. 25,975; May 22.

Mahnken, George, Washington, Pa. World Over. For Stogies. 26,456; Oct. 2.

Mailliard & Schmiedell, San Francisco, Calif. Golden Cal. For Canned Grapefruit. 26,274; July 31.

Mailliard & Schmiedell, San Francisco, Calif. Golden Cal. For Canned Asparagus. 26,275; July 31.

Maison Blanche Co., New Orleans, La. "Maison Blanche Devil's Food Candy." (For Candy Boxes.) 25,543; Feb. 6.

Maltop Company. (See Rudhard, J. W.)

Mammy's Remedy Company. (See Locke, D. E.)

Manchester Biscuit Company, Incorporated, Sioux Falls, S. Dak. Golden. For Zwieback. 26,529; Nov. 13.

Mangus, S. W., & Co., New York, N. Y. Name. For Handkerchiefs. 26,239; July 17.

Manhattan Knitting Mills, Inc., New York, N. Y. "The Mother Goose Series." (For Sweaters.) 25,740; Mar. 20.

Marchiony Brothers Inc. (See Menasha Printing and Carton Company, assignor.)

Margowski, Geo. L., doing business as J. & G. Laboratory, Detroit, Mich. Per-Spire-Gone. For an Antiseptic and Deodorant. 26,349; Sept. 4.

Markert & Waybright, Clarksburg, W. Va. Gran'ma's Extra Quality. For Bread. 26,690; Dec. 18.

Marlowe, William Manheim & Son, Corona, N. Y. Flash Light. For Furniture Polish. 26,530; Nov. 13.

Marshall, George E., doing business as Sterling Products Company, Los Angeles, Calif. Nepo. For a Compound for Cleaning Paint and Like Surfaces. 25,976; May 22.

Mar-Son Medicine Co., St. Louis, Mo. Mar-Son Preparation. For Tooth Paste. 26,376; Sept. 11.

Mártás Sauce Co. (See Wilsbach, Robert W.)

Marvin, Burdette K., doing business as Marvin Date Co., Riverside, Calif. Berber. For Dates. 25,883; May 1.

Maryland Ice Cream Company. (See Menasha Printing and Carton Company, assignor.)

Maryland Pharmaceutical Company, The, Baltimore, Md. Rem. For a Medicine for Coughs. 26,493; Oct. 16.

Mason, Au & Magenheimer Confectionery Manufacturing Company, Brooklyn, N. Y. Mason's Almond Nougat Bars. For Candy. 26,673; Dec. 11.

Massie Baking Co., The, Mansfield, Ohio. "Massie's Is Good Bread." (For Bread.) 25,704; Mar. 13.

Mattei, Andrew, Fresno, Calif. Andivista. For Grapes. 25,977; May 22.

Maxime Drug Co. (See Robins, Max.)

Mayer, Emil, Richmond Hill, N. Y. "Mayer's Prolongation of Life." (For a Medicinal Preparation, an Inhalent Composed of Equal Parts of Onion and Pele-Mele Fruits.) 25,691; Mar. 6.

Maywood Packing Company, Corning, Calif. Maywood. For Canned Olives. 26,377; Sept. 11.

Alphabetical list of registrants of labels—Continued.

Mazzietti Corporation, New York, N. Y. Antikocchibacterio. For a Preparation Used in Treatment for Tuberculosis. 26,426; Sept. 25.

McDonald, J. G., Chocolate Co., Salt Lake City, Utah. Mah Jonge. For Candy. 26,030; May 29.

McKee Glass Company, Jeannette, Pa. Glasbake Guaranteed Glass Cooking Ware Juvenile Set Our "Betty Jane" Set. For Glass Cooking Dishes for Children's Use. 26,628; Dec. 4.

McMorran, C. W., San Francisco, Calif. Inland Chowder. For Chowder Made from Combination of Various Meats and Vegetables. 25,862; Apr. 24.

McRoberts, R. W., Atlanta, Ga. Calcum Makes Puppies Grow Strong and Healthy. For a Medicinal Preparation for Dogs. 26,255; July 24.

Meese, Gus, doing business as The Meese Broom Co., Spokane, Wash. Meese. For Brooms. 26,571; Nov. 20.

Melnick, Isadore A., Los Angeles, Calif. Mel-Aroma. For a Remedy for Stomach Disorders and Constipation. 26,350; Sept. 4.

Melodew Corporation, New York, N. Y. Melodew Prepared Liquid Choclet. For Chocolate. 26,306; Aug. 7.

Melodew Corporation, New York, N. Y. Melodew Prepared Liquid Choclet. For Chocolate. 26,378; Sept. 11.

Melster Candy Company, Cambridge, Wis. "My Man Melster's Special Center." (For Candy Bars.) 25,498; Jan. 23.

Menasha Printing and Carton Company, Menasha, Wis., assignor to Maryland Ice Cream Company, Baltimore, Md. "Clover Ice Cream." (For Cartons for Ice Cream.) 25,663; Feb. 27.

Menasha Printing and Carton Company, Menasha, Wis., assignor to Freeman Dairy Company, Flint, Mich. Freeman's Butter." (For Cartons for Butter.) 25,664; Feb. 27.

Menasha Printing and Carton Company, Menasha, Wis., assignor to Marchiony Brothers Inc., New York, N. Y. "Marchiony's Spumoni Italian Ice Cream." (For Cartons for Ice Cream.) 25,665; Feb. 27.

Menasha Printing and Carton Company, Menasha, Wis., assignor to Schmitz & Rausch Bakery, Dayton, Ohio. "Kream Krust." (For Wax-Paper Bread Wrappers.) 25,666; Feb. 27.

Menasha Printing and Carton Company, Menasha, Wis., assignor to Rugby Creamery, Rugby, N. Dak. "Dakota Gold." (For Cartons for Containing Butter.) 25,705; Mar. 13.

Menasha Printing and Carton Company, Menasha, Wis. assignor to Swengel Dairy Company, Seymour, Ind. "Country Maid." (For Cartons for Butter.) 25,757; Mar. 27.

Menasha Printing and Carton Company, Menasha, Wis. assignor to The Brandt Company, Cleveland, Ohio. "Greendale." (For Cartons for Butter.) 25,758; Mar. 27.

Menasha Printing and Carton Company, Menasha, Wis. assignor to The Baker Ice Cream Company, Cleveland, Ohio. "Baker's Hygrade." (For Pails and Cartons for Ice Cream.) 25,759; Mar. 27.

Menasha Printing and Carton Company, Menasha, assignor to The Uecke Dairy Company, Eau Claire, Wis. "Lily Brand." (For Cartons for Ice Cream.) 25,760; Mar. 27.

Menasha Printing and Carton Company, Menasha, Wis., assignor to Macon Creamery Company, Macon, Miss. White Pearl Brand. For Cartons for Butter. 25,884; May 1.

Menasha Printing and Carton Company, Menasha, Wis., assignor to Pickerington Creamery, Pickerington, Ohio. Mayflower. For Cartons for Butter. 25,885; May 1.

Menasha Printing and Carton Company, Menasha, Wis., assignor to Mid-West Creamery Company, Ponca City, Okla. Select Brand. For Cartons for Butter. 25,886; May 1.

Menasha Printing and Carton Company, Menasha, Wis., assignor to Ft. Smith Creamery Company, Fort Smith, Ark. Ft. Smith Maid. For Butter. 26,307; Aug. 7.

Menasha Printing and Carton Company, Menasha, Wis. Raisin Bread Made With Sun-Maid Raisins. For Bread. 26,351; Sept. 4.

Menasha Printing and Carton Company, Menasha, Wis., assignor to Holland Bread Company, Columbus, Ohio. Holland's Raisin Bread. For Bread. 26,379; Sept. 11.

Menasha Printing and Carton Company, Menasha, Wis., assignor to Farmers Union Creamery Assn. Inc., Maysville, Ky. Reali-Good Butter. For Butter. 26,380; Sept. 11.

Menasha Printing and Carton Company, Menasha, Wis., assignor to The French Bros.-Bauer Company, Cincinnati, Ohio. Clover Blossom Butter. For Butter. 26,381; Sept. 11.

Menasha Printing and Carton Company, Menasha, Wis., assignor to Topaz Dairy, Hastings, Nebr. Topaz Dairy. For Butter. 26,382; Sept. 11.

Menasha Printing and Carton Company, Menasha, Wis., assignor to The Reynolds Baking Company, Columbus, Ohio. Betsy Ross. For Bread. 26,383; Sept. 11.

Menasha Printing and Carton Company, Menasha, Wis. Piper's Ice Cream. For Ice Cream. 26,384; Sept. 11.

Menasha Printing and Carton Company, Menasha, Wis. Ice Cream. For Ice Cream. 26,398; Sept. 18.

Menasha Printing and Carton Company, Menasha, Wis. Model. For Ice Cream. 26,457; Oct. 2.

Menasha Printing and Carton Company, Menasha, Wis., assignor to Shingleton Bros., Clarksburg, W. Va. Rainbow Brand Creamery Butter. For Butter. 26,531; Nov. 13.

Menasha Printing and Carton Company, Menasha, Wis. Ice Cream. For Ice Cream. 26,572; Nov. 20.

Menasha Printing and Carton Company, Menasha, Wis. Fresh Eggs. For Eggs. 26,573; Nov. 20.

Menasha Printing and Carton Company, Menasha, Wis. Selected Eggs. For Cartons Containing Eggs. 26,629; Dec. 4.

Menasha Printing and Carton Company, Menasha, Wis., assignor to Golden Grain Butter Company, Cape Girardeau, Mo. Golden Grain. For Butter. 26,630; Dec. 4.

Menasha Printing and Carton Company, Menasha, Wis., assignor to Laabs Bros. Company, Milwaukee, Wis. Monarch. For Butter. 26,631; Dec. 4.

Menasha Printing and Carton Company, Menasha, Wis., assignor to Reynolds Baking Company, Columbus, Ohio. Holsum. For Bread. 26,691; Dec. 18.

Menasha Printing and Carton Company, Menasha, Wis. Velvet Brand. For Butter. 26,692; Dec. 18.

Menasha Printing and Carton Company, Menasha, Wis. Perry's. For Ice Cream. 26,693; Dec. 18.

Menasha Printing and Carton Company, Menasha, Wis. Perfection. For Ice Cream. 26,694; Dec. 18.

Menasha Printing and Carton Company, Menasha, Wis. Quality. For Butter. 26,695; Dec. 18.

Menasha Printing and Carton Company, Menasha, Wis., assignor to Storck Baking Company, Parkersburg, W. Va. Storck's New Life Bread. For Bread. 26,724; Dec. 25.

Menasha Printing and Carton Company, Menasha, assignor to Prairie du Chien Creamery Company, Prairie du Chien, Wis. Pure Food. For Butter. 26,725; Dec. 25.

Mendenhall, A. W., & Company, Kansas City, Mo. Aeroplane. For Sweeping Compound. 26,240; July 17.

Menge, Fred H., San Francisco, Calif. F H M Ever Ease Preparation. For a Massaging Preparation. 26,574; Nov. 20.

Menley & James, Limited, New York, N. Y. "Iodex Skin Soap." (For Soap for Soothing and Healing the Skin.) 25,667; Feb. 27.

Merrill Candy Company, Merrill, Wis. Merrillite College Special. For Candy. 26,575; Nov. 20.

Merriman, J. W., Seattle, Wash. Seaware. For Paint. 26,276; July 31.

Merton, Charles S., & Co., East Rutherford, N. J. "From the Shops of The Cap Crafters." (For Boxes Containing Men's Hats and Caps.) 25,668; Feb. 27.

Metro Chocolate Co. Inc., The, Brooklyn, N. Y. Metro-Dutch Style Creams. For Packages or Boxes Containing Candy. 25,822; Apr. 10.

Mid West Cigar Co. Inc., Evansville, Ind. "Chicago Motor Club." (For Cigars.) 25,741; Mar. 20.

Mid-West Creamery Company. (See Menasha Printing and Carton Company, assignor.)

Midwest Creamery Co., Plymouth, Wis. Clover Dew. For Creamery Butter. 26,696; Dec. 18.

Mihm, Herman, Pittsburgh, Pa. Keystone. For Malt Sirup. 26,532; Nov. 13.

Miller, M. E., doing business as Miller Novelty Co., Chicago, Ill. Garden Sweets Rose Scent Bags. For Boxes of Sachet. 25,823; Apr. 10.

Miller, M. E., doing business as Miller Novelty Company, Chicago, Ill. Egyptian Flower Scent Bags. For Boxes of Sachet. 25,978; May 22.

Miller Rubber Company, The, Akron, Ohio. Baby Comfort Kit. For a Container Holding Articles for the Care of Babies. 26,277; July 31.

Millican, A. G., doing business as Cipho-Soda Co., Wilmington, N. C. "Cipho-Soda a Pleasant Tasting Saline Combination." (For Cipho-soda.) 25,603; Feb. 13.

Milligan, G. D., Company, The, Springfield, Mo. Dixie Rose. For Hair Nets. 26,504; Oct. 30.

Milligan, G. D., Company, The, Springfield, Mo. Dixie Rose. For Hosiery. 26,632; Dec. 4.

Mills, James, Orchards Corporation, Hamilton City, Calif. Mt. Lassen. For Fresh Pears. 26,576; Nov. 20.

Mills, James, Orchards Corporation, Hamilton City, Calif. Windmill. For Oranges. 26,577; Nov. 20.

Mills, James, Orchards Corporation, Hamilton City, Calif. Mill On the Floss. For Oranges. 26,578; Nov. 20.

Milwaukee Paper Box Company, Milwaukee, Wis. Just Scrumpshus. For Chocolates. 26,399; Sept. 18.

Milwaukee Paper Box Company, Milwaukee, Wis. Edgemonte. For Boxes Containing Assorted Chocolates. 26,458; Oct. 2.

Milwaukee Paper Box Company, Milwaukee, Wis. Sans Crème. For Boxes Containing Chocolates. 26,459; Oct. 2.

Milwaukee Paper Box Company, Milwaukee, Wis. Everstyle. For Hosiery. 26,579; Nov. 20.

Milwaukee Paper Box Company, Milwaukee, Wis. College Days. For Chocolates. 26,580; Nov. 20.

Milwaukee Paper Box Company, Milwaukee, Wis. "Delicious Sweet Bits." (For Boxes Containing Candy.) 25,604; Feb. 13.

Milwaukee Paper Box Company, Milwaukee, Wis. "Mothers' Day." (For Boxes Containing Chocolates.) 25,742; Mar. 20.

Milwaukee Paper Box Company, Milwaukee, Wis. Everwear Hosiery. For Hosiery. 26,031; May 29.
Milwaukee Paper Box Company, Milwaukee, Wis. Dutch Maid. For Old-Fashioned Bittersweets. 26,697; Dec. 18.
Milwaukee Paper Box Company, Milwaukee, Wis. Moon Glow. For Assorted Chocolates. 26,698; Dec. 18.
Minto Tooth Pick & Specialty Co., Mayville, Mich. Silver-Birch. For Packages Containing Toothpicks. 25,801; Apr. 3.
Mist-O-Ene Manufacturing Co., Sioux City, Iowa. "The Misty Way." (For Containers of a Surface Cleaning and Polishing Composition.) 25,605; Feb. 13.
Mitchell, L., & Co., Chicago, Ill. "Magic Marvel." (For Washing Compounds.) 25,544; Feb. 6.
Mitchell. L., & Co., Chicago, Ill. "Magic Marvel Bluing Paddle." (For Bluing Compounds.) 25,545; Feb. 6.
Mittme Manufacturing Company. (See Hill, Robert.)
Modesty Shadow Panel Co., New York, N. Y. Modesty Shadow Panel. For Undergarments for Women. 26,494; Oct. 16.
Moe-Bridges Company, Milwaukee, Wis. Wrought Iron Fixture. For Lighting Fixtures. 26,495; Oct. 16.
Moe-Bridges Company, Milwaukee, Wis. Solid Brass Fixture. For Lighting Fixtures. 26,496; Oct. 16.
Moe-Bridges Company, Milwaukee, Wis. Lamp. For Lamps. 26,497; Oct. 16.
Molinelli, Chas., doing business as Italian Macaroni Production Co., New York, N. Y. "Molinelli's Home Cooked Spaghetti." (For Jars of Spaghetti.) 25,499; Jan. 23.
Monroe Laboratory Company. (See Goodridge, William H.)
Morrell, John, & Co., Ottumwa, Iowa. Yorkshire Farm. For Peanut Butter. 26,581; Nov. 20.
Morrell, John, & Co., Ottumwa, Iowa. Riverdale. For Creamery Butter. 26,699; Dec. 18.
Morrell, John, & Co., Ottumwa, Iowa. Riverdale. For Sugar Peas. 26,700; Dec. 18.
Morriss, Herbert A., doing business as Kelp Water Company, Minneapolis, Minn. Kelp Iodized Water. For Medical Preparation. 26,182; July 10.
Mound City Products Co., The, St. Louis, Mo. "Mound City." (For Malt Sirup.) 25,706; Mar. 13.
Moyer Bros., Chicago, Ill. Moyer Bros. For Pretzels. 26,330; Aug. 14.
Mt. Tom Bakery. (See Labrecque Brothers.)
Mueller Electric Co., Cleveland, Ohio. "Battery Clips." (For Battery Clips.) 25,707; Mar. 13.
Muench, Fred, Brooklyn, N. Y. Muenchner Brand Malt Extract. For Malt Extracts and Sirups. 26,032; May 29.
Mulford, Hewett P., & Co., Lebanon, Ohio. A Mulford Product. For Cartons for Holding Bulbs. 26,633; Dec. 4.
Muller, Paul, New York, N. Y. Murell's Handcleaner Claro. For Soap Powder. 26,701; Dec. 18.
Murdock, Ebenezer, doing business as E. Murdock & Co., New York, N. Y. Pepper Sauce. For West Indian Pepper Sauce. 26,256; July 24.
Murray, John F., doing business as "The Vanity Laboratories," New York, N. Y. "Lemon-Flush 'Makes the pores weep'." (For a Cleansing Cream.) 25,546; Feb. 6.
Murray, John F., doing business as Whitehall Pharmacal Co., New York, N. Y. Rowles Red Pepper Rub. For Cartons or Boxes Inclosing or Containing the Compound Described Therein. 26,257; July 24.
Musante, G., Calistoga, Calif. "Calistoga Mineral Water." (For Mineral Water.) 25,708; Mar. 13.
Musical Toy Production Company, The, New York, N. Y. It's A Candy Dandy Bird. For a Toy with a Whistle. 26,278; July 31.
Mynuette Company, The, Milwaukee, Wis. Fruit-Kist. For Lip Sticks. 26,352; Sept. 4.
Nafziger Baking Company, Kansas City, Mo. "Nafziger Fluffy-Loaf." (For Bread.) 25,669; Feb. 27.
Nafziger Baking Company, Kansas City, Mo. Nafziger Fluffy-Loaf. For Bread. 25,916; May 8.
Narbonne, Gardner H., doing business as Narbonne Ranch, Thermal, Calif. Narbonne. For Dates. 26,533; Nov. 13.
Narbonne, Gardner H., doing business as Narbonne Ranch, Thermal, Calif. Mermaid. For Dates. 26,534; Nov. 13.
National Carbon Company, Inc., New York N. Y. Eveready Radio 'A' Battery. For Electric Batteries. 25,802; Apr. 3.
National Carbon Company, Inc., New York, N. Y. Columbia Ignitor Dry Cell. For Electric Batteries. 25,824; Apr. 10.
National Carbon Company, Inc., New York, N. Y. Eveready Radio B Battery. For Electric Batteries. 25,839; Apr. 17.
National Carbon Company, Inc., New York, N. Y. Eveready Radio "A" Battery. For Electric Batteries. 25,917; May 8.
National Carbon Company, Inc., New York, N. Y. Columbia Gray Label. For Electric Batteries. 25,918; May 8.
National Carbon Company, Inc., New York, N. Y. 3 Cell Eveready Flashlight Battery. For Electric Batteries. 26,183; July 10.
National Carbon Company, Inc., New York, N. Y. Eveready Radio "B" Battery. For Electric Batteries. 26,241; July 17.
National Carbon Company, Inc., New York, N. Y. Eveready "Three" Radio Battery. For Electric Batteries. 26,308; Aug. 7.
National Music Lovers, Inc., New York, N. Y. Dance Series No. 1. For Talking-Machine Sound Records. 26,184; July 10.
National Paper Products Company, San Francisco, Calif. "Splendid." (For Toilet Paper.) 25,709; Mar. 13.
National Paper Products Company, San Francisco, Calif. "Southland." (For Toilet Paper.) 25,710; Mar. 13.
National Paper Products Company, San Francisco, Calif. "Squirrel." (For Toilet Paper.) 25,711; Mar. 13.
National Paper Products Company, San Francisco, Calif. "Hypo." (For Toilet Paper.) 27,712; Mar. 13.
National Paper Products Company, San Francisco, Calif. "Cortland." (For Toilet Paper.) 25,713; Mar. 13.
National Paper Products Company, San Francisco, Calif. "El Portal." (For Toilet Paper.) 25,714; Mar. 13.
National Paper Products Company, San Francisco, Calif. "Resolute." (For Toilet Paper.) 25,715; Mar. 13.
National Paper Products Company, San Francisco, Calif. "Lorelei." (For Toilet Paper.) 25,716; Mar. 13.
National Paper Products Company, San Francisco, Calif. "Faithful." (For Toilet Paper.) 25,717; Mar. 13.
National Paper Products Company, San Francisco, Calif. "Jolly Rover." (For Toilet Paper.) 25,718; Mar. 13.
National Paper Products Company, San Francisco, Calif. "Brazil." (For Toilet Paper.) 25,719; Mar. 13.
National Paper Products Company, San Francisco, Calif. "Shammy." (For Toilet Paper.) 25,720; Mar. 13.
National Paper Products Company, San Francisco, Calif. "Interborough." (For Toilet Paper.) 25,721; Mar. 13.
National Paper Products Co., San Francisco, Calif., and Carthage, N. Y. "Airedale." (For Toilet Tissue Paper.) 25,761; Mar. 27.
National Paper Products Company, San Francisco, Calif. Nyanza. For Toilet Paper. 25,887; May 1.
National Paper Products Co., San Francisco, Calif., and Carthage, N. Y. Avalon. For Toilet Tissue Paper. 25,888; May 1.
National Paper Products Company, San Francisco, Calif., and Carthage, N. Y. Piute. For Toilet Tissue Paper. 25,889; May 1.
National Paper Products Co., San Francisco, Calif., and Carthage, N. Y. Alpine. For Toilet Tissue Paper. 25,890; May 1.
National Paper Products Co., San Francisco, Calif., and Carthage, N. Y. Argonaut. For Toilet Tissue Paper. 25,891; May 1.
National Paper Products Co., San Francisco, Calif., and Carthage, N. Y. Southland. For Toilet Tissue Paper. 25,892; May 1.
National Paper Products Co., San Francisco, Calif., and Carthage, N. Y. Apartment. For Toilet Tissue Paper. 25,893; May 1.
National Paper Products Co., San Francisco, Calif., and Carthage, N. Y. Beach. For Toilet Tissue Paper. 25,894; May 1.
National Paper Products Co., San Francisco, Calif., and Carthage, N. Y. Aircraft. For Toilet Tissue Paper. 25,895; May 1.
National Paper Products Co., San Francisco, Calif., and Carthage, N. Y. Golden. For Toilet Tissue Paper. 25,896; May 1.
National Paper Products Company, San Francisco, Calif., and Carthage, N. Y. Collegian. For Toilet Tissue Paper. 25,897; May 1.
National Paper Products Company, San Francisco, Calif., and Carthage, N. Y. Westland. For Toilet Tissue Paper. 25,898; May 1.
National Paper Products Company, San Francisco, Calif., and Carthage, N. Y. Goblin. For Toilet Tissue Paper. 25,899; May 1.
National Paper Products Company, San Francisco, Calif. State. For Toilet Paper. 25,979; May 22.
National Paper Products Company, San Francisco, Calif. Pheasant. For Toilet Paper. 25,980; May 22.
National Paper Products Company, San Francisco, Calif. Otter. For Toilet Paper. 25,981; May 22.
National Paper Products Company, San Francisco, Calif. Iceland. For Toilet Paper. 25,982; May 22.
National Paper Products Company, San Francisco, Calif. Wasite. For Toilet Paper. 25,983; May 22.
National Paper Products Company, San Francisco, Calif. Martin. For Toilet Paper. 25,984; May 22.
Nell, Thomas H., Long Beach, Calif. "Combeasy." (For Bottles Containing a Preparation to Make the Hair Stay Combed.) 25,606; Feb. 13.
Nell, Thomas H., Long Beach, Calif. Golden Quinine. For Hair Tonic. 25,863; Apr. 24.
Nelson Timer Company, Milwaukee, Wis. Nelson Ball Bearing Timer. For Timers. 26,634; Dec. 4.
Nesom, John J., Los Angeles, Calif. "Pyo-Rem Dental Cream." (For Dental Cream.) 25,547; Feb. 6.
New Amsterdam Bulb Co. Inc., New York, N. Y., and Hoboken, N. J. "Narcissus Jonquils and Daffodils." (For a Box of Narcissus Bulbs.) 25,762; Mar. 27.
New Amsterdam Bulb Co. Inc., New York, N. Y. Narcissus Paper White. For a Box of Narcissus Bulbs. 26,242; July 17.

Alphabetical list of registrants of labels—Continued.

Newark Paraffine & Parchment Paper Co., Newark, N. J.; Columbus, Ohio; and New York, N. Y. "Whole Wheat Bread." (For Bread.) 25,692; Mar. 6.
Newark Paraffine & Parchment Paper Co., Newark, N. J., Columbus, Ohio, and New York, N. Y. Butarol Butter Paper. For Butter. 25,840; Apr. 17.
Newark Paraffine & Parchment Paper Co., Newark, N. J.; Columbus, Ohio, and New York, N. Y. Maid-O-Wheat. For Bread. 26,461; Oct. 2.
New York Merchandise Company, New York, N. Y. Victor Rust Proof Spring Snap Fastener. For Snap Fasteners. 26,460; Oct. 2.
New York Vitreous Enamel Products Corporation, Dover, Del., and Flushing, N. Y. Lemane. For Porcelain and Enamel. 25,864; Apr. 24.
Noble and Noble, New York, N. Y. "Old Woman and Her Pig." (For the Cover of a Game Box.) 25,633; Feb. 20.
Noble and Noble, New York, N. Y. "Little Red Riding-Hood." (For the Cover of a Game Box.) 25,634; Feb. 20.
Noble and Noble, New York, N. Y. "The Three Bears." (For the Cover of a Game Box.) 25,635; Feb. 20.
Noble and Noble, New York, N. Y. "Defenders of the Flag." (For the Cover of a Game Box.) 25,636; Feb. 20.
Noble and Noble, New York, N. Y. "Animal Fair." (For the Cover of a Game Box.) 25,637; Feb. 20.
Noble and Noble, New York, N. Y. Treasure Island. For a Child's Game. 26,483; Oct. 9.
Noble and Noble, New York, N. Y. Game of Treasure Island. For the Cover of the Game Box. 26,484; Oct. 9.
Noble and Noble, New York, N. Y. Game of Cinderella. For the Cover of the Game Box. 26,485; Oct. 9.
Noble and Noble, New York, N. Y. Game of Alice In Wonderland. For the Cover of the Game Box. 26,486; Oct. 9.
Noble and Noble, New York, N. Y. Black Sambo. For a Children's Game. 26,535; Nov. 13.
Noble and Noble, New York, N. Y. Cinderella. For a Children's Game. 26,536; Nov. 13.
Noble and Noble, New York, N. Y. Game of Alice in Wonderland. For a Children's Game. 26,537; Nov. 13.
Norris Inc., Atlanta, Ga. The Variety Box. For Candy. 26,185; July 10.
Northern Illinois Cereal Company, Chicago, Ill. "Scotch Process Oats." (For Packages Containing Rolled Oats.) 25,670; Feb. 27.
Northern Paper Mills, Green Bay, Wis. "Mermes." (For a Wrapper for Toilet-Paper Rolls.) 25,671; Feb. 27.
Northern Paper Mills, Green Bay, Wis. Normedal. For Wrapper for Toilet-Paper Rolls. 25,900; May 1.
Nothrow Piston Ring Co., Philadelphia, Pa. Nothrow Piston Rings. For Piston Rings. 26,538; Nov. 13.
Northrup, King & Co., Minneapolis, Minn. Sterling Lawn Grass Seed. For Bags Containing Sterling Lawn-Grass Seed. 25,841; Apr. 17.
Northwest Fruit Products Company, Salem, Oreg. Salem. For Pears. 26,243; July 17.
Nulusta Company, Baltimore, Md. Nulusta Shoe Polish. For Tubes and Cartons Containing Shoe Polish. 26,635; Dec. 4.
Nunziato, Salvatore, doing business as Pacific Macaroni Co., Los Angeles, Calif. Liberty. For Macaroni. 26,636; Dec. 4.
O. and O. Importing & Manufacturing Co. (See Olmstead, Charles.)
Oakland Gum Company, Oakland, Calif. Tropical Fruit. For Gum. 26,244; July 17.
Odex Products Company, Chicago, Ill. Odex. For a Foot Medicine for treating the feet. 26,462; Oct. 2.
Odorono Company, The, Cincinnati, Ohio. The every day under arm toilette. For a Vanishing-Cream Deodorant. 26,498; Oct. 16.
Ohio Fruit Growers Cooperative Association, Columbus, Ohio. Buckeye Brand Apples. For Apples. 26,331; Aug. 14.
Ohio Fruit Growers Cooperative Association, Columbus, Ohio. Buckeye Brand Peaches. For Peaches. 26,332; Aug. 14.
Old French Company. (See Gaffney, James F.)
Olmstead, Charles, doing business as O. and O. Importing & Manufacturing Co., San Francisco, Calif. "Prepared Almonds Oriental Process O. and O. Co., Manufacturers and Importers." (For Prepared and Package Nuts.) 25,672; Feb. 27.
Ono Trading Co. (See Tatsukawa, Naosaburo.)
Oppenheim, Oberndorf & Co. Inc., Baltimore, Md. Krinkletex. For Shirts. 26,400; Sept. 18.
Oppenheim Oberndorf & Co. Inc., Baltimore, Md. King Tut Shirt. For Shirts and Boxes Containing Shirts. 25,865; Apr. 24.
Oregon Growers Co-Operative Association, Salem, Oreg. "Mistland." (For Loganberries.) 25,548; Feb. 6.
Organic Preparations Co., Inc., Brooklyn, N. Y. Phosphorcin. For a Tonic for the Nervous System. 26,427; Sept. 25.
Organic Preparations Co., Inc., Brooklyn, N. Y. Phosphorcin. For a Tonic for the Nervous System. 26,428; Sept. 25.
Orient Company, The. (See Barnes, James E.)
Pabst Corporation, Milwaukee, Wis. The Best Tonic. For General Medicinal Tonic. 26,186; July 10.
Pabst Corporation, Milwaukeee, Wis. Pabst Malt Syrup. For Malt Sirup. 26,187; July 10.
Pabst Corporation, Milwaukee, Wis. Artesia. For Table Water. 26,188; July 10.
Pabst Corporation, Milwaukee, Wis. Pabst Sheboygan. For Ginger Ale. 26,385; Sept. 11.
Pabst Corporation, Milwaukee, Wis. Doppel Braü Beer. For Beer. 26,726; Dec. 25.
Pabst, Fred, Company, Milwaukee, Wis. The Best Nipple. For Pipe Nipples. 26,189; July 10.
Pacific Macaroni Co. (See Nunziato, Salvatore.)
Package Paper & Supply Corporation, Springfield, Mass. Dayly Bread. For Bread. 26,190; July 10.
Paddon, Roland I., Chicago, Ill. Ace High Shampoo Always Wins. For Shampoo. 26,309; Aug. 7.
Paden, Chas. E., San Francisco, Calif. "Lubri-Gas." (For a Chemically-Treated Oil for Use in Connection with Internal-Combustion Engines.) 25,673; Feb. 27.
Paredes, Elias, & Son, New York, N. Y. El Pareson. For Cigars, Cigarettes, and Tobacco. 25,985; May 22.
Parfait Powder Puff Co. (See Hardy Newman & Co.)
Paristyle Novelty Co., Inc., New York, N. Y. Paristyle. For Hair Nets. 26,429; Sept. 25.
Paristyle Novelty Co., Inc., New York, N. Y. Ionia. For Hair Nets. 26,430; Sept. 25.
Park & Pollard Company, The, Boston, Mass. "The Park & Pollard Co. 'Lay or Bust' Poultry Feeds." (For Poultry Feeds.) 25,549; Feb. 6.
Park & Pollard Company, The, Boston, Mass. "The Park & Pollard Co. Bonnie Booster Chick Feed." (For Poultry Food.) 25,550; Feb. 6.
Park & Son, Brooklyn, N. Y. California Sun-Sweetened Raisins Nuts. For Raisins and Nuts. 26,727; Dec. 25.
Parodi Cigar Co., Inc., Jersey City, N. J. Sigaro Vesuvio. For Boxes and Cans Containing Cigars. 26,279; July 31.
Parry Vegetable Compound Co., The, Mansfield, Ohio. Parry's Vegetable Compound. For Vegetable Compound. 26,386; Sept. 11.
Parsons & Whittemore, Inc., New York, N. Y. "P W Globe Quality." (For Paper of All Kinds.) 25,607; Feb. 13.
Pastene, P., & Co., Inc., Boston, Mass. Piedigrotta. For Italian Peeled Tomatoes. 25,986; May 22.
Pax-American Cross Chemical Co., Inc., Birmingham, Ala. Pax 2 New Life Savers. For a Blood Builder and Nervine and a Healing Extract for Inside Bath. 26,539; Nov. 13.
Payne, C. A., Arkadelphia, Ark. Sunshine Polish. For Preparation for Cleaning and Polishing Automobiles. 25,919; May 8.
Peak, William C., Chicago, Ill. "Peak Fono-tell Dance Instruction." (For Phonograph Records.) 25,551; Feb. 6.
Peanut Growers Association, Norfolk, Va. "Pickaninny Peanuts." (For Packages Containing Peanuts and Peanut Products.) 25,552; Feb. 6.
Pearce, A. T., Miami, Fla. Black Point. For Fresh Tomatoes. 26,637; Dec. 4.
Peck, Elbert C., Los Angeles, Calif. Peck's Pure Paints. For Paint. 26,353; Sept. 4.
"Pep" Sand Company, Pittsburgh, Pa. "Round Pep Sand The Lost Key To Health." (For Purified Insoluble Sand.) 25,722; Mar. 13.
Perez, Jose M., Chicago, Ill. "La Pereza." (For Cigars.) 25,553; Feb. 6.
Perfection Products Company, New York, N. Y. Rice Hearts. For Cereal Products. 25,842; Apr. 17.
Perspero Company. (See Levkowicz, Marcus W.)
Petri Cigar Co., Inc., San Francisco, Calif. Toscani Marca Avanti. For Cigars. 26,033; May 29.
Phelps, Walter H., doing business as The Criterion Laboratories, Portsmouth, Ohio. "Criterion." (For Cleaning and Polishing Materials.) 25,674; Feb. 27.
Philadelphia Malt Extract Co., Philadelphia, Pa. Philadelphia Double Strength. For Malt Extract. 26,674; Dec. 11.
Phillips, Sidney M., doing business as Phillips Milling Co., Sacramento, Calif. Phillips Waffle and Pancake Flour. For Waffle and Pancake Flour. 26,638; Dec. 4.
Phillips, Sidney M., doing business as Phillips Milling Co., Sacramento, Calif. Phillips Minute Rice. For Rice. 26,639; Dec. 4.
Phillips, Willard A., Scranton, Pa. "Gifties." (For Jewelry.) 25,500; Jan. 23.
Picken Chemical Company, New York, N. Y. Star. For Leather Dressing. 26,582; Nov. 20.
Pickerington Creamery. (See Menasha Printing and Carton Company, assignor.)
Pierce, Percy, Philadelphia, Pa. Percy Pierce Package. For Cartons Containing Ice Cream. 25,901; May 1.
Pioneer Products Co., The, Dayton, Ohio. Chex—Does More Than Soap. For Boxes for Soap. 26,583; Nov. 20.
Pittsburgh Plate Glass Company, Pittsburgh, Pa. Paint—Varnish. For Paints and Varnishes. 25,843; Apr. 17.
Powell Chemical Company. (See Powell, William C.)
Powell, William C., doing business as Powell Chemical Company, Snow Hill, Md. "Check-To-Ache." (For Boxes for Medicinal Tablets.) 25,763; Mar. 27.

Prairie du Chien Creamery Company. (See Menasha Printing and Carton Company, assignor.)
Premier Malt Products Company. (See Decatur Brewing Co.)
Preston Milling Co., Preston, Idaho. "Preston's Gold Seal Flour." (For Sacks Containing Flour.) 25,608; Feb. 13.
Prim, J. M., Brunswick, Ga. J. M. P. For Cigars. 26,310; Aug. 7.
Process Chemicals Incorporated, New York, N. Y. "Moth Preventive Larvex." (For Bottles or Other Containers of Larvex, a Liquid Moth Preventive.) 25,638; Feb. 20.
Prouty-Bowler Soap Co., Des Moines, Iowa. P-B. For Soap Flakes. 25,902; May 1.
Quality Coffee & Tea Co., Inc., Los Angeles, Calif. El Contento. For Coffee. 26,675; Dec. 11.
Raas, J. C., San Francisco, Calif. Lyons' California Orchard Scenes, Series No. 2. For Glacé Fruits. 26,702; Dec. 18.
Radermo-Laboratories. (See Farrelly, Joseph.)
Ramirez & Feraud Chile Co., Ventura, Calif. Las Palmas Red Chile Sauce. For Chili Sauce. 26,401; Sept. 18.
Rawleigh, W. T., Company, The, Freeport, Ill. Rawleigh's Good Health Talcum. For Talcum. 26,191; July 10.
Ray-Maling Co. Inc., Portland, Oreg. "Rayvale." (For Pears.) 25,554; Feb. 6.
Ray-Maling Co. Inc., Portland, Oreg. "Raycroft." (For Loganberries.) 25,555; Feb. 6.
Ray-Maling Co. Inc., Portland, Oreg. "Raycrest." (For Loganberries.) 25,556; Feb. 6.
Ray-Maling Co. Inc., Portland, Oreg. "Raymal." (For Loganberries.) 25,557; Feb. 6.
Ray-Mailing Co., Inc., Portland, Oreg. "Raybrook." (For Blackberries.) 25,639; Feb. 20.
Realneed Products Co., Harrisburg, Pa. Supergloss. For Auto and Furniture Polish. 25,903; May 1.
Realneed Products Co., Harrisburg, Pa. Kleenzal. For Paint, Grease, Varnish, and Oil Remover. 25,987; May 22.
Realneed Products Co., Harrisburg, Pa. Oxidene. For Powder for Malodorous, Galled, Calloused, Cracked, or Sore Feet, Body-Perspiration Odors, Sunburn, and Prickly Heat. 26,192; July 10.
Real Silk Hosiery Mills, Indianapolis, Ind. Real Silk Guaranteed Hosiery. For Hosiery. 26,258–9; July 24.
Reckord Bros., Belair, Md. Reckord Brand Tomatoes. For Cans Containing Tomatoes. 26,193; July 10.
Reckord Bros., Belair, Md. Susquehanna Brand Tomatoes. For Cans Containing Tomatoes. 26,194; July 10.
Red Mill Hosiery Co. Inc., Wilmington, Del. Red Mill. For Hosiery. 26,333; Aug. 14.
Red Mill Hosiery Co. Inc., Wilmington, Del. Red Mill. For Hosiery. 26,334; Aug. 14.
Regensteiner Corporation, The, Chicago, Ill. Muh-Juhng, The Great Chinese Game. For Game Devices for Playing the Said Chinese Game. 26,195; July 10.
Remington Arms Company, Inc., New York, N. Y., Bridgeport, Conn., and Ilion, N. Y. Buck Shot Load. For Loaded Shot Shells. 26,280; July 31.
Rennous-Kleinle Division, Baltimore, Md. "Crane Assortment." (For Assortments of Small Bristle Brushes. 25,640; Feb. 20.
Reynolds Baking Company. (See Menasha Printing and Carton Company, assignor.)
Reynolds Baking Company, The. (See Menasha Printing and Carton Company, assignor.)
Reynolds, Wm. T., & Co. Inc., Poughkeepsie, N. Y. Reynolds' Reliance. For Coffee. 26,196; July 10.
Rich Brothers Cereal Company, Cedar Rapids, Iowa. Rich's Best. For Rolled Oats. 26,197; July 10.
Richardson Company, The, Lockland, Ohio, assignor to France Milling Company, Cobleskill, N. Y. Gold Medal Brand. For Pancake Flour. 26,311; Aug. 7.
Rieser Company, The, New York, N. Y. Penela. For Hair Nets. 26,198; July 10.
Rieser Company, The, New York, N. Y. Rovina. For Hair Nets. 26,199; July 10.
Robb, Charles W., Salt Lake City, Utah. Use C. W. Robb's Very Best Paints. For Packages and Barrels of Paint. 26,260; July 24.
Robertson Paper Co. Inc., Bellows Falls, Vt. Golden-Crust. For Bread. 26,312; Aug. 7.
Robins, Max, doing business as Maxime Drug Co., Chicago, Ill. Neo. For a Preparation for Destroying Bugs. 25,942; May 15.
Robins, Max, doing business as Maxime Drug Co., Chicago, Ill. Neo. For a Preparation for Destroying Bugs. 26,431; Sept. 25.
Robinson Syrup Co. Inc., Cairo, Ga. Robin Brand. For Pure Ribbon Cane Sirup. 26,463; Oct. 2.
Rochelle Canneries, Inc., Rochelle, Ill. Captain Kidd. For Peas. 26,640; Dec. 4.
Rogers Laboratory, The. (See Rogers, Wm. J.)
Rogers, Wm. J., doing business as The Rogers Laboratory, St. Paul, Minn. Rogers Developing Powders. For Containers for a Powder for the Developing of Latent Prints. 25,943; May 15.
Roman Macaroni Co., Long Island City, N. Y. San Marco. For Macaroni. 25,904; May 1.
Rookledge, Percival L., Livingston, Calif. "Dr. Rookledge's Shu-Bright." (For Shoe Polish.) 25,675; Feb. 27.
Root, A. I., Company, The, Medina, Ohio. Pure Honey. For Honey. 26,584; Nov. 20.
Rose Brand Co., Atlantic City, N. J. "Relief for Hay Fever and Rose Fever." (For a Medicinal Preparation for the Relief of Hay Fever and Rose Fever.) 25,641; Feb. 20.
Rose, Simon B., doing business as S. B. Rose & Co., New York, N. Y. Rose's Pure Honey. For Honey. 26,505; Oct. 30.
Rosen, E., Company, Providence, R. I. Rosen's Peanut Brittle. For Peanut Brittle. 26,703; Dec. 18.
Roszell, J. D., Peoria, Ill. Roszell's Mallo-Nut. For Chocolate Bars. 25,825; Apr. 10.
Rub-No-More Company, The, Fort Wayne, Ind. "As Soothing as the Tropical Breeze." (For Soap.) 25,676; Feb. 27.
Rudhard, J. W., doing business as Maltop Company, Buffalo, N. Y. Toddy. For a Food Drink Consisting of Powdered Malt, Milk, Cocoa, and Sugar. 26,487; Oct. 9.
Rugby Creamery. (See Menasha Printing and Carton Company, assignor.)
Ruppert, Jacob, New York, N. Y. "Barley Malt Syrup." (For Barley Malt Sirup.) 25,642; Feb. 20.
Russo, Frank, doing business as Brixton Manufacturing Company, New York, N. Y. Dandrfall. For Hair Tonic. 26,676; Dec. 11.
S. & M. Lamp Co., Inc., Los Angeles, Calif. S & M Spot-Lite. For Electric Spotlights. 26,453; Oct. 2.
Saigo Varnish Works. (See Gordon, Mac.)
Salant & Salant, Inc., New York, N. Y. "Jiffy." (For Men's and Boys' Work Shirts.) 25,643; Feb. 20.
Salant & Salant, Inc., New York, N. Y. Veteran. For Work Shirts for Men and Boys. 25,844; Apr. 17.
Salmson, Meyer, Pine Bluff, Ark. "Radio Pup." (For a Sandwich Composed of a Bun and a Sausage.) 25,501; Jan. 23.
Samstag & Hilder Bros., Inc., New York, N. Y. The Invisible Touch That Means So Much. For Hair Nets. 26,432; Sept. 25.
Sanas Company, The. (See Schaupner, Philip.)
Sanders, Matthew W., doing business as Sanders Printing Co., Chicago, Ill. 1000 Funny Faces. For Toy Puzzles. 26,641; Dec. 4.
Sandhill Fruit Growers Association, Aberdeen, N. C. Sandhill. For Peaches. 26,261; July 24.
Sanitary Ice Cream Co., San Diego, Calif. Hage's Ice Cream. For Ice Cream. 26,585; Nov. 20.
Sanitary Toilet Company, New York, N. Y. "Sanicovers." (For Packages Containing Toilet Closet Seat Covers.) 25,693; Mar. 6.
Saniwax Paper Co., Kalamazoo, Mich. Robin Hood. For Bread. 26,262; July 24.
Santa Margarita Valley Gardens Association, Atascadero, Calif. Better Berries Grown in Santa Margarita Valley Gardens. For Fresh Berries. 26,200; July 10.
San Joaquin Fruit & Investment Company, Tustin, Calif. Mark Twain. For Oranges. 25,988; May 22.
Schafer Bakery, Inc., Savannah, Ga. Allovit. For Bread. 26,540; Nov. 13.
Schaupner, Philip, doing business as The Sanas Company, Inc., Detroit, Mich. "Bal-Mane." (For Laxative Powders.) 25,723; Mar. 13.
Schiffman, Isadore, New York, N. Y. "The Bridal Blossom Band." (For Wedding Rings.) 25,609; Feb. 13.
Schilling, A. & Co., San Francisco, Calif. "Wings Of The Morning." (For Receptacles for Packaging Coffee.) 25,558; Feb. 6.
Schlueter Manufacturing Co., St. Louis, Mo. "De Luxe." (For Funnels.) 25,610; Feb. 13.
Schmitz & Rausch Bakery. (See Menasha Printing and Carton Company, assignor.)
Schulz, Frank R., St. Louis, Mo. Marvel. For a Luting Composition. 26,387; Sept. 11.
Scott Manufacturing Company, Chicago, Ill. Bilt-E-Z The Boy Builder. For Toy Building Blocks. 26,464; Oct. 2.
Scott Paper Company, Chester, Pa. Scot Tissue. For Toilet Paper. 25,920; May 8.
Seaboard Rice Milling Company, Galveston, Tex. "Comet Rice." (For Rice.) 25,611; Feb. 13.
Seaside Oil Company, Summerland, Calif. Seaside. For Gasoline. 26,245; July 17.
Seidler, Carl, New York, N Y. Pack-O Whipped Cream. For Whipped Cream. 26,034; May 29.
Seligman, Nathan, doing business as N. Seligman Co., New York, N. Y. Wanda Hair Net. For Hair Nets. 26,281; July 31.
Sexto-Cherry M'f'g Co., Haverhill, Mass. "Sexto-Cherry." For a Remedy for Coughs and Colds.) 25,764; Mar. 27.
Seybold Baking Co., The, Miami, Fla. "Seybold's Sun-Maid-Raisin Bread." (For Bread.) 25,724; Mar. 13.
Shapiro, Harry H., New York, N. Y. American Dental Emergency Kit. For a Medicated Tooth Filling. 26,728; Dec. 25.
Shapiro, Jacob, doing business as Standard Coffee & Spice Co., Kansas City, Mo. Wedding Ring Coffee. For Coffee. 26,704; Dec. 18.
Sharp, Edward, & Sons Ltd., Maidstone, England. Sharp's Super-Kreem Toffee. For Toffee. 26,201; July 10

Alphabetical list of registrants of labels—Continued.

Shaw, J. G., doing business as J. G. Shaw Company, San Jose, Calif. Sunny Jim. For Prunes. 26,586; Nov. 20.
Sheppard, George W., San Francisco, Calif. Composite reproduction of Egyptian Art, XVIII Dynasty, King Tut Ankh Amen Game. For a Parlor Game. 26,313; Aug. 7.
Sheppard, George W., San Francisco, Calif. Composite Reproduction of Ancient Egyptian Exploration, King Keperu neb Ra Tut Ankh Amen Puzzle Game. For a Parlor Game. 26,314; Aug. 7.
Shingleton Bros. (See Menasha Printing and Carton Company, assignor.)
Siegel, F. I., & Son, West Hoboken, N. J. Stormshield Liquid, The Roof that's Waterproof. For Protective Coatings for Roofs and the Like. 26,246; July 17.
Silver & Gold, Inc., New York, N. Y. Silver & Gold, Inc. The World's Standard Clothiers—Haberdashers. For Men's Clothing. 26,642; Dec. 4.
Sima, Albert, Chicago, Ill. Elite. For Cigars. 26,354; Sept. 4.
Sklaroff Bros., Philadelphia, Pa. "Tootsi Infants Hose." (For Boxes Containing Infants' Hose.) 25,694; Mar. 6.
Slavin, Isadore, doing business as Lustershine Mfg. Co., Brooklyn, N. Y. Lustershine Black Gloss. For Containers for Black Gloss. 25,921; May 8.
Smith & Holden, New York, N. Y. Red Girl. For Fresh Apples. 26,643; Dec. 4.
Smith & Holden, New York, N. Y. Red Boy. For Fresh Apples. 26,644; Dec. 4.
Smith, Thomas S., Chicago, Ill. "Smith's Tayst-A-Won." (For Sweet Potatoes.) 25,559; Feb. 6.
Smucker, J. M., Co., The, Orrville, Ohio. "Smucker's Pure Home Made Style Apple Butter." (For Apply Butter.) 25,612; Feb. 13.
Smucker, J. M., Co., The, Orville, Ohio. "Every Meal Brand Apple Butter." (For Apple Butter.) 25,765; Mar. 27.
Soeder, A. W., Chicago, Ill. "Soeder's Potok." (For Cigars.) 25,677; Feb. 27.
Sopura Soap Products, Inc., New Rochelle, N. Y. "Sopura Special 'Safety' Shredded Soap." (For Boxes Containing Soap.) 25,725; Mar. 13.
South Bend Bread Company, South Bend, Ind. "Twin Loaf." (For Bread.) 25,644; Feb. 20.
South Chicago Wholesale Grocery and Produce Company, Inc., Chicago, Ill. State Line. For Early June Peas. 26,247; July 17.
Spangenberg & Co., Chicago, Ill. "Something To Crow About." (For Cartons Containing Eggs.) 25,726; Mar. 13.
Special Paper Mfg. Co., New York, N. Y. Supreme Vellum. For Special Tracing Papers. 26,645; Dec. 4.
Special Paper Mfg. Co., New York, N. Y. Super-Bond Vellum. For Special Tracing Papers. 26,646; Dec. 4.
Speight, Walter E., doing business as Clio Pharmaceutical Co., Lakeland, Fla. "Clio." (For a System Cleanser and Blood Purifier.) 25,514; Jan. 30.
Spestos Mfg. Co., The, Pittsburgh, Pa. "Spestos" The Celebrated Cleaner. For a Cleaner for Painted Walls, Woodwork, Window Shades, Carpets, Autos, Upholstery, and the Like. 26,315; Aug. 7.
Spestos Mfg. Co., The, Pittsburgh, Pa. "Spestos" Furniture Polish. For a Polish for Furniture, Pianos, Woodwork, Floors, Automobiles, and the Like. 26,316; Aug. 7.
Spicky Polish Corporation, San Francisco, Calif. "Spicky." (For an Aluminum and Metal Polish.) 25,645; Feb. 20.
Spiess, A. S., doing business as A. S. Spiess Sales Co., New Orleans, La. Best Brand. For Creamery Butter. 26,587; Nov. 20.
Standard Coffee & Spice Co. (See Shapiro, Jacob.)
Standard Paper Manufacturing Co., Richmond, Va. United States Blotting. For Blotting Paper. 26,335; Aug. 14.
Standley, W. E., doing business as W. E. Standley Co., Pittsburgh, Pa. The Ideal Tip Match. For Matches. 26,336; Aug. 14.
Steele, Robert C., Lake City, Minn. Steele's Vana Brand Flavoring. For Flavoring Compound. 25,989; May 22.
Stege, Elmer T., St. Louis, Mo. Cleans and Polishes All-In-One Operation. For a Polish for Autos and Furniture. 66,677; Dec. 11.
Steiner, Emil E., Glendale, Calif. Vegetone. For Stomach Relief Remedy. 25,944; May 15.
Sterling Products Company. (See Marshall, George E.)
Stern, Max, Charleroi, Pa. Silver Cap. For Cigars. 25,866; Apr. 24.
Stoll & Edwards Co. Inc., New York, N. Y. Game of Black Sambo. For a Box Containing a Game. 26,488; Oct. 9.
Storck Baking Company. (See Menasha Printing and Carton Company, assignor.)
Storck Baking Company, Parkersburg, W. Va. "Storck's New Life Bread." (For Bread.) 25,695; Mar. 6.
Suehla, Edward J., Chicago, Ill. Lezak Malt Extract. For Malt Extract. 26,501; Oct. 23.
Sungloss Manufacturing Company. (See Gould, William H.)
Sun-Maid Raisin Growers, Fresno, Calif. Sun-Maid Raisinut Chocolates. For Boxes Containing Chocolates. 26,202–4; July 10.
Sunset Club Bottling Co., Sherman, Calif. Sunset Club. For Grape Punch and Other Flavors of Carbonated Beverages. 26,647; Dec. 4.
Sussman, Wormser & Co., San Francisco, Calif. S and W Calasia Figs. For Whole Figs Canned, Preserving Natural Flavor of Fresh Figs. 26,705; Dec. 18.
Sussman, Wormser & Co., San Francisco, Calif. S and W. For Canned Grapefruit. 26,706; Dec. 18.
Swengel Dairy Company. (See Menasha Printing and Carton Company, assignor.)
Symons Kraussman Company, Los Angeles, Calif. "1781." (For Cigars.) 25,613; Feb. 13.
Symons-Moffett Co., Flint, Mich. Dinner Time. For Sliced Hawaiian Pineapplie. 25,990; May 22.
Symons-Moffett Co., Flint, Mich. Iris. For Tea. 25,991; May 22.
Tacoma Biscuit & Candy Company, Tacoma, Wash. Windsor Chocolates. For Candy. 26,588; Nov. 20.
Taiyo Trading Company, Inc., New York, N. Y. "Taiyo Brand (The Great Ocean)." (For Cans Containing Crab Meat or the Like.) 25,766; Mar. 27.
Tatsukawa, Naosaburo, doing business as Ono Trading Co., San Francisco, Calif. Blue Flag Brand Fancy Crab. For Canned Crabs. 25,845; Apr. 17.
Tatsukawa, Naosaburo, doing business as Ono Trading Co., San Francisco, Calif. "Blue Flag" Brand White Meat Tuna. For Canned Tunna Fish. 26,388; Sept. 11.
Taunton Pearl Works, Taunton, Mass. "Separable Soft Cuff Link Button." (For Cards for Mounting Cuff Buttons.) 25,614; Feb. 13.
Texas Citrus Fruit Growers Exchange, Mission, Tex. Texas Citrus Fruit Growers Exchange. For Citrous-Fruit Wrappers. 26,648; Dec. 4.
Thau, Charles K., doing business as Laura Hair Novelty Co., New York, N. Y. Laura Double Mesh Net. For Hair Nets. 26,649; Dec. 4.
Thau, Charles K., doing business as Laura Hair Novelty Co., New York, N. Y. The Laura Net. For Hair Nets. 26,678; Dec. 11.
The Sweet Clover Dairy Co., Wooster, Ohio. Sweet Clover Creamery Butter. For Creamery Butter. 26,466; Oct. 2.
Thibeault, H. Verel, Saco, Me. "Thibeault's New Discovery." (For Containers Filled with This Liquid Remedy, as Medicine for Cattle, Horses, and Hogs.) 25,615; Feb. 13.
Thompson, A., Co., The, Amsterdam, N. Y. "Father Knick Let his family serve your family." (For Hose.) 25,515; Jan. 30.
Thompson, A., Co., The, Amsterdam, N. Y. "Mother Knick Let her family serve your family." (For Hose.) 25,516; Jan. 30.
Thompson, A., Co., The, Amsterdam, N. Y. "Alice Knick Let her family serve your family." (For Hose.) 25,517; Jan. 30.
Thompson, A., Co., The, Amsterdam, N. Y. "Bobby Knick Let his family serve your family." (For Hose.) 25,518; Jan. 30.
Thompson, A., Co., The, Amsterdam, N. Y. "Betty Knick Let her family serve your family." (For Hose.) 25,519; Jan. 30.
Thompson, A., Co., The, Amsterdam, N. Y. "Baby Knick Let her family serve your family." (For Hose.) 25,520; Jan. 30.
Thompson, A., Co., The, Amsterdam, N. Y. "Peter Knick Let his family serve your family." (For Hose.) 25,521; Jan. 30.
Thompson, Gilbert H., Manitowoc, Wis. The Judge. For Cigars. 26,541; Nov. 13.
Tidwell Company, The. (See Tidwell, Carl E.)
Tidwell, Carl E., doing business as The Tidwell Company, Atlanta, Ga. Nu-Type. For a Preparation Used for Cleaning Metal Type and Stamps. 25,803; Apr. 3.
Tillman, John S., Scranton, Pa. "Cigar Box Label." (For Cigar Boxes.) 25,560; Feb. 6.
Tobacco By-Products & Chemical Corporation, Louisville, Ky. "Black Leaf 40" Nicotine Sulphate. For Bottles Containing Nicotine Sulphate for Spraying Purposes. 26,035; May 29.
Todd, E. M., Co., Richmond, Va. Todd's Old Virginia Hams. For Hams. 25,922; May 8.
Toewear Hosiery Inc., Norristown, Pa. "Little Boy Blue." (For Hosiery.) 25,616; Feb. 13.
Toilet Products "A" Co., Brooklyn, N. Y. Amberol. For a Liquid Shampoo. 26,355; Sept. 4.
Toilet Products "A" Co., Brooklyn, N. Y. Toilet Water. For Toilet Water. 26,356; Sept. 4.
Topaz Dairy. (See Menasha Printing and Carton Company, assignor.)
Touchet Valley Apple Co., Waitsburg, Wash. Red Wing. For Apples. 26,589; Nov. 20.
Touchet Valley Apple Co., Waitsburg, Wash. Blue Wing. For Apples. 26,590; Nov. 20.
Tracey, J. Glenn, Baltimore, Md. Wondershine Metal Polish. For a Metal Polish. 26,542; Nov. 13.
Tri-Me-Laboratories, Inc., Indianapolis, Ind. He-Pa-Co. For a Headache, Cold and Pain Remedy. 26,591; Nov. 20.
Trio Laboratories, Dallas, Tex. Trio. For Dandruff Remover. 26,036; May 29.
Trostler, Max F., Cleveland, Ohio. The Teachewrself Dance Record. For Dance Records. 26,357; Sept. 4.

Trum, E. J., Inc., Brooklyn, N. Y. "Tar Naphthaline." (For Preservative Compounds.) 25,767; Mar. 27.
Tuberosum Pyorrhea Co., The, Broken Bow, Okla. Dr. A. Peters' Tuberosum Pyorrhea Remedy. For Bottles Containing the Liquid. 26,205; July 10.
Tutankhamen Laboratory. (See Wakelin, Helen.)
TuT Manufacturing Company. (See Vaughan, Mabel E.)
Twin City Shellac Co., New York, N. Y. White Shellac. For Shellac. 25,826; Apr. 10.
Twinkle Polish Corporation, New York and Brooklyn, N. Y. Twinkle. For a Metal and Glass Polish. 26,358; Sept. 4.
U. S. Stewart & Bro., Baltimore, Md. Cedar Creek Crab Meat. For Crab Meat. 26,465; Oct. 2.
Uecke Dairy Company, The. (See Menasha Printing and Carton Company, assignor.)
Union Furnace Manufacturing Company, Inc. Union Furnace and Altoona, Pa. Arrowhead Shovels, Scoops, Spades. For Shovels, Scoops, and Spades. 26,359; Sept. 4.
United Drug Company, doing business as United Candy Company, Boston, Mass. Kandy Packs. For Candy. 26,506; Oct. 30.
United States Bronze Powder Works, Inc., New York, N. Y. United States Bronze Powder Works. For Bronze Powder. 25,945–6; May 15.
United States Distribution Co., Saginaw, Mich. Liberty Patch. For Automobile Tube Patches. 26,592; Nov. 20.
U. S. Oil Company, Providence, R. I. "The Perfect Perfectol Motor Oil." (For Lubricating Oils and Greases.) 25,727; Mar. 13.
Universal Importing Company, The, Montreal, Canada. Armistice. For Sardines. 26,650; Dec. 4.
Universal Wholesale Grocery Co., Chicago, Ill. "Universal's Best." (For Tomatoes.) 25,561; Feb. 6.
Universal Wholesale Grocery Co., Chicago, Ill. "Excel." (For Tomatoes.) 25,562; Feb. 6.
V M S Co., The, Oklahoma, Okla. A-can-a. For a Can of Tire Patch. 26,037; May 29.
Valecia Evaporated Milk Co., Madison, Wis. Vap. For Sterilized Evaporated Pure Skimmed Milk. 26,499; Oct. 16.
Van Camp Sea Food Company, Los Angeles, Calif. All White Meat. For Canned Bonita Fish. 26,543; Nov. 13.
"Vanity Laboratories, The." (See Murray, John F.)
Vaughn Grocery Company, Winston-Salem, N. C. "Lady Anne Coffee." (For Coffee.) 25,617; Feb. 13.
Vaughan, Mabel E., doing business as TuT Manufacturing Company, Birmingham, Mich. TuT. For Non-alcoholic Beverages. 26,206; July 10.
Velvet-Tinge Dispensary Co. (See Honn, Virginia C.)
Verrier, William, doing business as The Douch Ese Co., Maplewood Township, N. J. "Douch-Ese." (For Cans and Bottles Containing Douch-Ese, an Antiseptic Preparation.) 25,696; Mar. 6.
Vineland Co-Operative Poultry Association, Inc., Vineland, N. J. "Vineland Eggs." (For Eggs.) 25,646; Feb. 20.
Vin-Sok Food Products Corporation, San Francisco, Calif. "Vin-Sok Tasties." (For Peaches.) 25,563; Feb. 6.
Virden Packing Company, San Francisco, Calif. "Millcrest." (For Canned Yellow Cling Peaches.) 25,618; Feb. 13.
Virden Packing Company, San Francisco, Calif. "Shell Mound." (For Canned Apricots.) 25,619; Feb. 13.
Virden Packing Company, San Francisco, Calif. "Ferry." (For Canned Apricots.) 25,620; Feb. 13.
Virden Packing Company, San Francisco, Calif. "Western Chief." (For Canned Apricots.) 25,621; Feb. 13.
Virden Packing Company, San Francisco, Calif. "Sutter Club." (For Canned Bartlett Pears.) 25,678; Feb. 27.
Virden Packing Company, San Francisco, Calif. Camp Fire. For Smoked Meats. 25,923; May 8.
Vitomen Cereal Company, Renton, Wash. Vitomen Shreds. For Cereal. 26,729; Dec. 25.
Volgel, Irving. (See Gannino, M., and Volgel.)
Vogel Sons, S., doing business as Vogel Brothers, Hartford, Conn. Connecticut Valley Braud. For Canned Tomatoes. 26,433; Sept. 25.
Wakelin, Helen, doing business as Tutankhamen Laboratory, Pittsburgh, Pa. Tut-Ankh-Amen Egyptian Beauty Clay. For White Beauty Clay. 26,679; Dec. 11.
Waldes & Company, Inc., Long Island City, N. Y. Waldes Trusty. For Cards Containing Snap Fasteners. 26,207; July 10.
Walker, G. E., Company, Inc., St. Louis, Mo. G. W. Five Circuit Switch Plug. For Electrical Plugs. 26,593; Nov. 20.
Wallace Institute, Chicago, Ill. "Wallace Reducing Record." (For Talking-Machine Record.) 25,679; Feb. 27.
Wander Company, The, Chicago, Ill. Alucol. For a Medicinal Preparation—Namely, an Antacid, Absorbent, Soothing Astringent. 26,651; Dec. 4.
Ward Baking Company, New York, N. Y. "Ward's Par-Tea Pound Cake." (For Cake.) 25,647; Feb. 20.
Ward Baking Company, New York, N. Y. Ward's Mother Hubbard Bread. For Bread. 26,360; Sept. 4.
Ward Baking Company, New York, N. Y. Ward's Breko Loaf. For Cake. 26,361; Sept. 4.
Ward Baking Company, New York, N. Y. Ward's De Luxe Layer Cakes. For Cake. 26,434; Sept. 25.
Ward Baking Company, New York, N. Y. Ward's Diabetost Bread. For Bread. 26,500; Oct. 16.
Ward Baking Company, New York, N. Y. Ward's Milk-Maid Bread. For Bread. 26,652; Dec. 4.
Ward Baking Company, New York, N. Y. Ward's White Star Bread. For Bread. 26,653; Dec. 4.
Ward Baking Company, New York, N. Y. Ward's Sweet Rolls. For Rolls. 26,680; Dec. 11.
Ward Baking Company, New York, N. Y. Ward's Nonpareil Cakes. For Cake. 26,681; Dec. 11.
Ward Baking Company, New York, N. Y. Ward's Dainty Dimple Donuts. For Doughnuts. 26,707; Dec. 18.
Ward Baking Company, New York, N. Y. Ward's De Luxe Fruit Cake. For Cake. 26,730; Dec. 25.
Watt, Frederick R., doing business as The Demon Products Co., San Francisco, Calif. "The Demon Chimney Cleaner." (For a Compound for Cleaning Chimneys.) 25,622; Feb. 13.
Waukesha Silurian Water Co., Waukesha, Wis. Park's Original. For Ginger Ale. 25,992; May 22.
Waximac Co., Roslindale, Mass. Waximac. For a Polish for Automobiles, Furniture, and Floors. 26,489; Oct. 9.
Webb, M. G., Flavoring Products Co., Newark, N. J. The Old Fashioned Kind. For Vanilla. 26,362; Sept. 4.
Webb, Thomas J., Company, Chicago, Ill. Mascot. For Coffee. 26,317; Aug. 7.
Webb, Thomas J., Company, Chicago, Ill. Elmwood Club. For Coffee. 26,731; Dec. 25.
Webb, Thomas J., Company, Chicago, Ill. Mount Vernon. For Coffee. 26,732; Dec. 25.
Webb, Thomas J., Company, Chicago, Ill. Thomas J. Webb. For Coffee. 26,733; Dec. 25.
Weidenhamer, John P., Harrisburg, Pa. Cleen-Made. For Alimentary Paste Products, Such as Macaroni. 25,867; Apr. 24.
Weinger, Solomon, Chicago, Ill. Original Weinger's Best Look For The Name Of S. Weinger On Every Carton. For Cartons Containing Eggs. 26,038; May 29.
Weisbrod & Hess Brewing Company, doing business as Weisbrod & Hess, Philadelphia, Pa. Peacock Pale Amber Sparkling Ginger Ale. For Ginger Ale. 26,594; Nov. 20.
Weisbrod & Hess Brewing Company, doing business as Weisbrod & Hess, Philadelphia, Pa. Extra Dry (with a representation of a Peacock). For Ginger Ale. 26,682; Dec. 11.
Welch Grape Juice Company, Inc., The, Westfield, N. Y. Welch's Grapelade. For Welch's Grapelade. 26,039; May 29.
Wendtland, William, New York, N. Y. Oriental Mystic Game. For Games. 26,435; Sept. 25.
Westcott, Slade and Balcom Company, Providence, R. I. Anti-Fouling Boat Bottom Paint. For Boat Paint. 25,947; May 15.
Western Chalk Mfg. Co., The, Chicago, Ill. "Tailors Diamond Edge Crayons." (For Containers Containing Crayons.) 25,502; Jan. 23.
Western Sausage & Provision Co. Inc., New York, N. Y. Casalingo. For Tomato Paste. 26,318; Aug. 7.
Western Tablet and Stationery Company, St. Joseph, Mo. Personality Linen. For Boxes Containing Stationery. 26,208; July 10.
Weyer, George H., St. Joseph, Mo. Pom-Po-Lay. For Preparation Suitable for the Treatment of the Hair. 25,948; May 15.
White, C. C., Denver, Colo. "Radium Beauté Clay." (For Beauty Clay.) 25,503; Jan. 23.
White Cross Food Company, Racine, Wis. "White Cross Malted Milk." (For Malted Milk.) 25,743; Mar. 20.
White, Joseph R., Greenridge, N. Y. J. R. White's Emerald Soft Soap. For Soft Soap. 26,467; Oct. 2.
White, William J., Cleveland, Ohio. "Radium." (For Chewing Gum.) 25,564; Feb. 6.
White & Wyckoff Mfg. Co., Riverside Station, Holyoke, Mass. "High School Compositions" (For Composition and Note Books.) 25,768; Mar. 27.
Whitehall Pharmacal Co. (See Murray, John F.)
Whitney, George C., Company, The, Worcester, Mass. "Whitney's Valentine Wonder Box." (For Boxes of Valentine Material.) 25,769; Mar. 27.
Widdis, Albert, Tawas City, Mich. Bran Candy. For Candy. 26,595; Nov. 20.
Wilkof, Morris, Canton, Ohio. White Flower. For Cigars. 26,402; Sept. 18.
Willcox & Gibbs Packing Company. (See Gibbs, Dana K.)
Williams, A. G., Homemade Candy Co., Inc., New Orleans, La. Heavenly Hash. For Candy. 26,436; Sept. 25.
Williams, John A., D. D. S., doing business as King's Specialty Company, Fort Wayne, Ind. Kiddies Filling. For Dental Filling Material. 26,248; July 17.
Wilner, Abe, Wilkes-Barre, Pa. "Tansy, Pennyroyal and Cotton Root Sunbeam Brand." (For Boxes Containing Pennyroyal, Tansy, and Cotton Root Pills.) 25,504; Jan. 23.
Wilsbach, Robert W., doing business as Mártás Sauce Co., Philadelphia, Pa. "Martas Sauce." (For a Food Sauce.) 25,770; Mar. 27.
Wisconsin State Canners Co., Pickett, Wis. Wisconsin Brand. For Canned Peas. 26,544; Nov. 13.
Wise, W. E., Williamsport, Pa. Anodyne Emulsion. For Emulsion. 25,924; May 8.

Alphabetical list of registrants of labels—Continued.

Wish, Fred A., Inc., New York, N. Y. Uncle Wiggily Animal Crackers. For Cracker Boxes. 26,596; Nov. 20.
Wish, Fred A., Inc., New York, N. Y. Uncle Wiggily Toy Balloons. For Balloon Boxes. 26,597; Nov. 20.
Wish, Fred A., Inc., New York, N. Y. Uncle Wiggily's Outing. For Metallic Containers. 26,654; Dec. 4.
Wish, Fred A., Inc., New York, N. Y. Uncle Wiggily at the Seashore. For Metallic Containers. 26,655; Dec. 4.
Wish, Fred A., Inc., New York, N. Y. Uncle Wiggily's Parade. For Toy Balloons. 26,708; Dec. 18.
Wish, Fred A., Inc., New York, N. Y. Uncle Wiggily's Balloon—Bang! For Toy Balloons. 26,709; Dec. 18.
Wish, Fred A., Inc., New York, N. Y. Uncle Wiggily Water Colors. For Paint Boxes. 26,734; Dec. 25.
Wolf Brothers & Company, Inc., Washington, D. C. "Faultless." (For Hosiery.) 25,565; Feb. 6.
Wolf, Morris, Brooklyn, N. Y. The Little Wonder Spot Chaser. For a Cleansing Fluid. 26,403; Sept. 18.
Wonderlay Milling Company, Indianapolis, Ind. Wonderlay. For Containers for Egg Mash. 25,846; Apr. 17.
Woolley, Daniel P., New York, N. Y. Tender Crust. For Bread. 26,209; July 10.
Woolley, Daniel P., New York, N. Y. Live Long. For Bread. 26,210; July 10.
Woolley, Daniel P., New York, N. Y. Lady Betty. For Bread. 26,211; July 10.
Woolley, Daniel P., New York, N. Y. Betty Brown. For Bread. 26,212; July 10.
Woolley, Daniel P., New York, N. Y. Balanced. For Bread. 26,213; July 10.
Woolley, Daniel P., New York, N. Y. Likaslice. For Bread. 26,214; July 10.
Woolley, Daniel P., New York, N. Y. Extra Fine. For Bread. 26,215; July 10.
Woolley, Daniel P., New York, N. Y. Superfine. For Bread. 26,216; July 10.
Woolley, Daniel P., New York, N. Y. Home Kraft. For Bread. 26,217; July 10.
Woolley, Daniel P., New York, N. Y. Sally Brown. For Bread. 25,218; July 10.
Woolley, Daniel P., New York, N. Y. Finetex. For Bread. 26,219; July 10.
Wortendyke Mfg. Co., Richmond, Va. Kewpie. For Toilet Paper. 26,263; July 24.
Wyrick Spring Company. (See Hagan, Charles F.)
Yankee Fried Cake Co., Norwich, Conn. "Yankee." (For Fried Cakes and Doughnuts.) 25,505; Jan. 23.
Yarger & Syler, Canton, Ohio. Yes. For Water-Softening and Cleaning Powder. 26,656; Dec. 4.
Young, W. F., Inc., Springfield, Mass. Absorbine. For Healing Antiseptic Liniment for Cuts, Chafes, and Bruises. 25,868; Apr. 24.
Young, W. F. Inc., Springfield, Mass. Absorbine, Jr. The Antiseptic Liniment. For Liniment. 26,040; May 29.
Zagat Inc., New York, N. Y. "Castrocol." (For a Laxative.) 25,771; Mar. 27.
Za-Rex Food Products Inc., Boston, Mass. Za-Rex. For Bottles Containing a Fruit Sirup for Making Beverages. 25,905; May 1.
Zipp Chemical Co. (See Gannino, M., and Volgel.)

ALPHABETICAL LIST OF REGISTRANTS OF PRINTS.

A. S. Hinds Co., Portland, Me. Protecting The Beautiful Complexion. For Honey and Almond Cream and Cremis Face Powder. 7,078; Dec. 11.
A. & W. Products Company, Cleveland, Ohio. Protecta. For Table Mats. 6,953; Nov. 6.
Advertising Art Studios, Washington, D. C. "Adplus." (For Advertising Purposes for Advertising Folders.) 6,492; Jan. 23.
American Bottlers of Carbonated Beverages, Washington, D. C. American Bottlers of Carbonated Beverages. For Beverages. 6,894; Sept. 25.
American Bread Wrapper Company, Chicago, Ill. Frisch Fresh Feeling Bread Wrappers. For Bread Wrappers. 7,099; Dec. 25.
American Lead Pencil Co., New York, N. Y. Venus Thin Leads. For Pencils. 6,829; July 24.
American Lead Pencil Company, New York, N. Y. "Venus Everpointed Pencils." (For Advertising Purposes for Mechanical Pencils.) 6,577; Feb. 27.
American Lead Pencil Company, New York, N. Y. "A Thin Colored Lead Mechanical Pencil No. 9." (For Advertising Purposes for Mechanical Pencil.) 6,590; Mar. 6.
American Lead Pencil Company, New York, N. Y. Venus Erasers. For Erasers. 6,712; May 22.
American Lead Pencil Company, New York, N. Y. Venus Pencil. For Copying Pencils. 6,713; May 22.
American Lead Pencil Company, New York, N. Y. Venus Everpointed. For Mechanical Pencils. 6,714; May 22.
American Lead Pencil Company, New York, N. Y. A Thin Colored Lead Mechanical Pencil No. 9. For Mechanical Pencils. 6,715; May 22.
American Lead Pencil Company, New York, N. Y. Venus Pencils. For Lead Pencils. 6,730; May 29.
American Lead Pencil Company, New York, N. Y. Venus: The Largest Selling Quality Pencil in the World. For Pencils. 7,063; Dec. 11.
American Optical Company, Southbridge, Mass. Wellsworth Glasses, All that Science can give, all that Artistry can add. For Spectacles and Eyeglasses. 6,787; July 10.
American Rubber & Tire Co., The, Akron, Ohio. "American Akron." (For Advertising Purposes for Bathing Shoes.) 6,533; Feb. 13.
Apex Electrical Manufacturing Company, Cleveland, Ohio. Hour Saving Appliances. For Domestic-Labor-Saving Devices, and Particularly Vacuum Cleaners, Washers, Ironers, and Wringers. 6,836; July 31.
Apex Electrical Manufacturing Company, The, Cleveland, Ohio. Half past eight-Ten O'clock. For Domestic-Labor-Saving Devices, Particularly Ironers. 6,877; Sept. 11.
Aracoma Textile Company, Incorporated, New York, N. Y. Aracoma. For Draperies and Other Silk Fabrics. 6,830; July 24.
Aspiey Candy Company, Sioux City, Iowa. Treats in Sweets. For Candies. 6,716; May 22.
Associated Knit Underwear Manufacturers of America, Utica, N. Y. Wear Knit Underwear. For Knit Underwear. 7,015; Dec. 4.
Automotive Battery Service Co. (See Watson, Harry E.)
B. V. D. Company, Inc., The, New York, N. Y. Insist on this label. For Athletic Underwear. 6,638; Apr. 10.
B. V. D. Company, Inc., The, New York, N. Y. Next To Myself I Like 'B. V. D.' Best. For Athletic Underwear. 6,688; May 8.
B. V. D. Company, Inc., The, New York, N. Y. They know why they prefer "B. V. D." For Athletic Underwear. 6,689; May 8.
B. V. D. Company, Inc., The, New York, N. Y. They know why they prefer "B. V. D." For Athletic Underwear. 6,731; May 29.
B. V. D. Company, The, New York, N. Y. Getting the most out of life. For Athletic Underwear. 6,788; July 10.
B. V. D. Company, Inc. The, New York, N. Y. The Label Shows the Way to 'B. V. D.' For Athletic Underwear. 6,789; July 10.
B. V. D. Company, Inc., The, New York, N. Y. What Is 'B. V. D.'? For Athletic Underwear. 6,790; July 10.
B. V. D. Company, Inc., The, New York, N. Y. Loose-Fitting B. V. D. Underwear. For Athletic Underwear. 7,064; Dec. 11.
Baby Lincoln Auto Co., San Antonio, Tex. Baby Lincoln, A Distinctive Motor Car. For Motor Cars. 6,928; Oct. 16.
Badger, Guy B., Okemah, Okla. The Fiery Cross—The Great Ku Klux Problem. For a Game Problem. 7,100; Dec. 25.
Barbieri, Peter, Perth Amboy, N. J. "The Step Full of Pep." (For Advertising Purposes for Rubber Heels.) 6,493; Jan. 23.
Barclay & Co., New York, N. Y. Jabón Reuter. For Toilet Soap. 6,957; Nov. 13.
Barclay & Co., New York, N. Y. Crema de Perlas de Barry. For Liquid Face Powder. 7,065; Dec. 11.
Barclay & Co., New York, N. Y. Tricófero Barry. For a Hair Tonic. 7,066; Dec. 11.
Barclay & Co., New York, N. Y. Pildoritas Reuter. For Liver Pills. 7,067; Dec. 11.
Bass-Hueter Paint Co., San Francisco, Calif. "The Way to Beautiful Homes." (For Paint.) 6,609; Mar. 20.
Beckwith Company, The, Dowagiac, Mich. "Round Oak Doe-Wah-Jack Double Action Gas Range." (For Advertising Purposes for Round Oak Gas Ranges.) 6,591; Mar. 6.
Beiman, D., and Sons, Chicago, Ill. Ring Her At Beiman's. For Jewelry. 6,945; Oct. 30.
Bender, J. Harry, doing business as Star Extract Works, Harrisburg, Pa. "Vanilla." (For Advertising Purposes for Vanilla.) 6,578; Feb. 27.
Bluebird Pharmacal Co., Cambridge, Mass. Here's Happiness! Just Use Bluebirds for Happiness. For Liver Pills. 7,087; Dec. 18.
Bonded Tailoring Co. Inc., The, Cleveland, Ohio. Double-in Twist Cloth. For Clothing. 6,819; July 17.
Boston Piano Company, Chicago, Ill. Closing Out Factory Pianos. For Pianos of All Kinds. 6,732; May 29.
Boyd, Charles G., Bethlehem, Pa. Boyd's Step Lively Foot Powder. For Foot Powders for Foot Baths. 6,717; May 22.
Boyd, Charles G., Bethlehem, Pa. You Can Wear Smaller Size Shoes. For Foot Powders for Foot Baths. 6,733; May 29.
Boyd, Charles G., Bethlehem, Pa. Makes the Feet Feel Fine. For Foot Powders for Foot Baths. 6,734; May 29.

Boyd, Charles G., Bethlehem, Pa. Unquestionably The Best. For Foot Powders for Foot Baths. 7,016; Dec. 4.
Brandenstein, M. J., & Co., San Francisco, Calif. M. J. B. Coffee 'Exceeds All Expectations'. For Coffee. 7,088; Dec. 18.
Branner, Martin, New York, N. Y. Rest Assured. For Beds, Bedding, and Bedding Supplies. 7,101; Dec. 25.
Bronzo Alumina Corporation, The, Buffalo, N. Y. Stop Hunting For That Handle. For Extension Door Handles for Ford Automobiles. 6,958; Nov. 13.
Brooklyn Curtain Works, Inc., Brooklyn, N. Y. 10-Piece Cretonne Set. For Cretonne Draperies. 6,652; Apr. 17.
Brown-Band & Brown, Chicago, Ill. Pyorrhea-Applying Pyro-Pack Cream. For a Medicinal Cream for Treating Teeth. 6.905; Oct. 2.
Brown, Benjamin C., doing business as New Orleans Ice Cream Company, New Orleans, La. Brown's Velvet Ice Cream Made By New Orleans Ice Cream Co. For Ice Cream. 6,959; Nov. 13.
Buettner, T., & Co., Inc., Chicago, Ill. Embroider & Crochet with Nun's Boilproof. For Threads, Yarns, and Cottons. 6,971; Nov. 20.
California De-Hydro Fruit Co., Milwauke, Wis. "California De-Hydro." (For Advertising Purposes for Dehydrated Grapes.) 6,579; Feb. 27.
California Peach & Fig Growers, Fresno, Calif. Keep Your System Regulated. For Dried Peaches and Figs and Fig Products. 6,653; Apr. 17.
Canada Dry Ginger Ale, Inc., New York, N. Y. What I Need Today. For Ginger Ale. 6,972; Nov. 20.
Canada Dry Ginger Ale, Inc., New York, N. Y. Canada Dry, The Champagne of Ginger Ales. For Ginger Ale. 7,017; Dec. 4.
Capital Rodewite Co. Inc., South Washington, Va. Rodewite. For Cement-Colored Composition for Roads and Cement Constructions. 6,718; May 22.
Cardinet Candy Company, Oakland, Calif. Take one Home—Slice it! For Baffle Bar Candy. 6,820; July 17.
Carleton & Hovey Company, Lowell, Mass. The Greatest Body Builder. For Father John's Medicine. 6,639; Apr. 10.
Carleton & Hovey Company, Lowell, Mass. Father John's Medicine No Drugs. For Father John's Medicine. 6,668; Apr. 24.
Carleton & Hovey Company, Lowell, Mass. Mothers give Father John's Medicine. For Father John's Medicine. 6,857; Aug. 14.
Central Wholesale Grocers, Inc., Chicago, Ill. We Buy In Carloads The Gain Is Yours and representation of products in the form of a human figure. For Groceries. 6,960; Nov. 13.
Christell Brothers, Chicago, Ill. The Safety-Device for Porches. For Porch-Rail Safety Device. 6,719; May 22.
Christy, Blanche C., doing business as Mary Jane Christy, Chicago, Ill. Kantlose Mitten and Glove Guard. For Mitten and Glove Guards. 6,654; Apr. 17.
Christy, Mary Jane. (See Christy, Blanche C.)
Citrus Soap Company of California, San Diego, Calif. "For Snowy Linens and Soft White Hands." (For Advertising Purposes for Citrus Soap Powder.) 6,534; Feb. 13.
Citrus Soap Company of California, San Diego, Calif. "For Delicate Fabrics." (For Advertising Purposes for Citrus Soap Powder.) 6,535; Feb. 13.
Citrus Soap Company of California, San Diego, Calif. "It Washes Clean." (For Advertising Purposes for Citrus Soap Powder.) 6,536; Feb. 13.
Citrus Soap Company of California, San Diego, Calif. "For Snowy Linens." (For Advertising Purposes for Citrus Soap Powder.) 6,537; Feb. 13.
Citrus Soap Company of California, San Diego, Calif. "For Soft White Hands." (For Advertising Purposes for Citrus Soap Powder.) 6,538; Feb. 13.
Citrus Soap Company of California, San Diego, Calif. "Magic Results on Dirty Hands." (For Advertising Purposes for Citrus Soap Powder.) 6,539; Feb. 13.
Cleveland Chemical Corporation, Cleveland, Ohio. Get It Now. For Germicidal Cleansing and Polishing Materials. 6,676; May 1.
Cluett, Peabody & Co., Inc., Troy, N. Y. Collars Outside! For Gordon an Arrow Shirt. 6,973; Nov. 20.
Cluett, Peabody & Co., Inc., Troy, N. Y. That First Shirt Washing. For Arrow Shirts. 6,974; Nov. 20.
Cluett, Peabody & Co., Inc., Troy, N. Y. Along The French Highways. For Arrow Shirts. 6,975; Nov. 20.
Cluett, Peabody & Co., Inc., Troy, N. Y. The Shirt Off Your Back. For Arrow Shirts. 6,976; Nov. 20.
Cluett, Peabody & Co., Inc., Troy, N. Y. The Issue Shirt. For Arrow Shirts. 6,977; Nov. 20.
Cluett, Peabody & Co., Inc., Troy, N. Y. Galloping Shirts. For Arrow Shirts. 6,978; Nov. 20.
Cluett, Peabody & Co., Inc., Troy, N. Y. Gordon, an Arrow Shirt—A Shirt that is tailored for service. For Arrow Shirts. 6,979; Nov. 20.
Cluett, Peabody & Co., Inc., Troy, N. Y. Arrow Shirts—Merit in Arrow Shirts, etc. For Arrow Shirts. 6,980; Nov. 20.
Cluett, Peabody & Co., Inc., Troy, N. Y. Tuxara Arrow Collars. For Arrow Collars. 6,981; Nov. 20.
Cluett, Peabody & Co., Inc., Troy, N. Y. Tabhurst Arrow Wing Collars. For Arrow Collars. 6,982; Nov. 20.
Cluett, Peabody & Co., Inc., Troy, N. Y. Arrow Shirts—What is universally accepted, etc. For Arrow Shirts. 6,983; Nov. 20.
Cluett, Peabody & Co., Inc., Troy, N. Y. Par Arrow Collars. For Arrow Collars. 6,984; Nov. 20.
Cluett, Peabody & Co., Inc., Troy, N. Y. Arrow Shirts—The Arrow Shirts are distinguished, etc. For Arrow Shirts. 6,985; Nov. 20.
Cluett, Peabody & Co., Inc., Troy, N. Y. Arrow Shirts. For the most formal, etc. For Arrow Shirts. 6,986; Nov. 20.
Cluett, Peabody & Co. Inc., Troy, N. Y. Arrow Collars and Shirts for Formal Dress. For Collars and Shirts. 7,068; Dec. 11.
Cluett, Peabody & Co. Inc., Troy, N. Y. Tuxara an Arrow Wing Collar—A Smart, etc. For Collars. 7,069; Dec. 11.
Cluett, Peabody & Co. Inc., Troy, N. Y. Arrow Shirts—The Arrow Shirts are distinguished for their better quality, etc. For Shirts. 7,070; Dec. 11.
Cluett, Peabody & Co., Inc., Troy, N. Y. Arrow Shirts—Gordon—Spencer. For Shirts. 7,089; Dec. 18.
Cluett, Peabody & Co., Inc., Troy, N. Y. Arrow Shirts—The Arrow Shirt makers depend, etc. For Shirts. 7,090; Dec. 18.
Cluett, Peabody & Co., Inc., Troy, N. Y. Arrow Shirts—This is Spencer 10, an Arrow Shirt designed, etc. For Shirts. 7,091; Dec. 18.
Columbia Graphophone Company, New York, N. Y. Columbia New Process Records. For Graphophone Records. 6,837; July 31.
Comer Manufacturing Company, The, Dayton, Ohio. "Comer All-Weather Coats." (For Advertising Purposes for Raincoats, Cravenettes, and Gabardines.) 6,592; Mar. 6.
Commonwealth Publishing Company, Chicago, Ill. As Others See It. For Income-Tax Records or Books. 7,071; Dec. 11.
Consumers Distributing Co., The, Pittsburgh, Pa. Little Stories of Success. For Vanilla Extracts. 6,791; July 10.
Copeland, Wilbur F., New York N. Y. Saint Bernards. For a Frankfurter Inclosed and Baked Inside of a Biscuit or Roll. 6,906; Oct. 2.
Coty, Inc., Wilmington, Del., and New York, N. Y. L'Origan De Coty. For Perfumes. 6,987; Nov. 20.
Coty, Inc., Wilmington, Del., and New York, N. Y. Les Poudres De Coty. For Powders. 6,988; Nov. 20.
Coty, Inc., Wilmington, Del., and New York, N. Y. Eaux De Toilette De Coty. For Perfumes and Toilet Water. 6,989; Nov. 20.
Coty, Inc., Wilmington, Del., and New York, N. Y. Les Parfume De Coty. For Perfumes. 6,990; Nov. 20.
Coty, Inc., Wilmington, Del., and New York, N. Y. Paris De Coty. For Perfume. 7,018; Dec. 4.
Crawford, Daniel, jr., Philadelphia, Pa. "Crawford Homes." (For a Particular Kind of House Manufactured and Sold as a Complete Structure.) 6,610; Mar. 20.
Cream of Wheat Co., Minneapolis, Minn. "Keeping Watch." (For Advertising Purposes for Wheat Breakfast Food.) 6,494; Jan. 23.
Cream of Wheat Co., Minneapolis, Minn. "Starting The New Year Right." (For Advertising Purposes for Wheat Breakfast Food.) 6,540; Feb. 13.
Cream of Wheat Co., Minneapolis, Minn. "A Study In Values." (For Advertising Purposes for Wheat Breakfast Food.) 6,557; Feb. 20.
Cream of Wheat Co., Minneapolis, Minn. "There is Only One Cream of Wheat." (For Wheat Breakfast Food.) 6,611; Mar. 20.
Cream of Wheat Co., Minneapolis, Minn. An Old Wood Cut. For Wheat Breakfast Food. 6,655; Apr. 17.
Cream of Wheat Co., Minneapolis, Minn. Passed By The Board of Censors. For Wheat Breakfast Food. 6,735; May 29.
Cream of Wheat Co., Minneapolis, Minn. Peace And Plenty. For Wheat Breakfast Food. 6,831; July 24.
Cream of Wheat Co., Minneapolis, Minn. The World's Fare. For Wheat Breakfast Food. 6,847; Aug. 7.
Cream of Wheat Co., Minneapolis, Minn. Right Over The Home Plate. For Wheat Breakfast Food. 6,895; Sept. 25.
Cream of Wheat Co., Minneapolis, Minn. Serious business, now, for little brains. For Wheat Breakfast Food. 6,896; Sept. 25.
Cream of Wheat Co., Minneapolis, Minn. Fifty-Fifty. For Wheat Breakfast Food. 6,929; Oct. 16.
Cream of Wheat Co., Minneapolis, Minn. A baby specialist's advice about the first solid food. For Wheat Breakfast Food. 6,930; Oct. 16.
Cream of Wheat Co., Minneapolis, Minn. The 'Listless Age.' For Wheat Breakfast Food. 7,019; Dec. 4.
Cream of Wheat Co., Minneapolis, Minn. To The Queen's Taste. For Wheat Breakfast Food. 7,072; Dec. 11.
Cream of Wheat Co., Minneapolis, Minn. Authorities call it the "neglected age." For Wheat Breakfast Food. 7,073; Dec. 11.
Crosby, John B., Lake Bluff, Ill. "Kill Those Moths." (For Advertising Purposes for Cedar Chests.) 6,495; Jan. 23.
Damm, Max Co., Inc., Newark, N. J., and New York, N. Y. Brief-O'Grip. For Brief Cases. 6,873; Sept. 4.

Alphabetical list of registrants of prints—Continued.

Dass, Shri K. A., doing business as India Herb Company, Chicago, Ill. "Health Yoga." (For Advertising Purposes for Medicinal Products—Namely, a Combination Consisting of Herbs Used Primarily for the Treatment of Stomach Trouble and Indigestion.) 6,541; Feb. 13.

De-Fi Manufacturing Company, New York, N. Y. De-Fi Typewriter Paper. For Typewriter Paper. 6,888; Sept. 18.

Denkewalter, Fred, Columbus, Ohio. "Plant Marvel Acts Like Magic on All Plants." (For Advertising Purposes for Plant Foods and Fertilizers.) 6,593; Mar. 6.

Desmond, B. G., Manufacturing Corporation, College Point, N. Y. Desmond's Miracle Oil for Upper Motor Lubrication. For Lubricating Oils and Lubricants. 6,656; Apr. 17.

Dill, J. G., Company, Richmond, Va., and New York, N. Y. "Every Pipeful Has a Thank You In It." (For Advertising Purposes for Smoking Tobacco.) 6,558; Feb. 20.

Domino House. (See Sullivan, Marguerite.)

Don, Edward, & Company, Chicago, Ill. Order Today! Delivered Tomorrow. For Hotels, Restaurants, and Janitor Supplies. 6,657; Apr. 17.

Dutchess Manufacturing Company, Poughkeepsie, N. Y. "You Can't Bank the Profit Until You Sell the Goods." (For Advertising Purposes for Trousers.) 6,559; Feb. 20.

Dynamo Electric Works, Los Angeles, Calif. Dynamo Electric Works Guaranteed Quality + Service. For Dynamos. 6,897; Sept. 25.

E. R. Squibb & Sons, New York, N. Y. Truth in Advertising Drug Products. For Drugs. 7,082; Dec. 11.

E. R. Squibb & Sons, New York, N. Y. The Danger Line There is a tiny ridge on the surface of your teeth. For Dental Cream. 7,083; Dec. 11.

E. R. Squibb & Sons, New York, N. Y. Fight Acid-Erosion at "The Danger Line" If you want sound teeth and healthy gums. For Dental Cream. 7,084; Dec. 11.

E. R. Squibb & Sons, New York, N. Y. Only in Italy is found such talc—only Squibb brings such a talcum to you. For Talcum and Cold Cream. 7,085; Dec. 11.

Eaton, Crane & Pike Company, Pittsfield, Mass. "Eaton's Highland Linen The Correct Writing Paper 'Anything Important, Marion?'" (For Advertising Purposes for Eaton's Highland Linen.) 6,542; Feb. 13.

Eaton, Crane & Pike Company, Pittsfield, Mass. You wouldn't drink from your saucer. For Papeteries. 6,792; July 10.

Eaton, Crane & Pike Company, Pittsfield, Mass. Could this be you in these holeplessly old style clothes. For Papeteries. 6,821; July 17.

Elders, H. Will, M D., St. Joseph, Mo. A Baby In Your Home. For a Proprietary Remedy for Use in the Treatment of Sterility in Women. 7,092; Dec. 18.

Eline's Incorporated, Milwaukee, Wis. "The Beauty Which Glows from Within." (For Advertising Purposes for Chocolate.) 6,513; Feb. 6.

Eline's Incorporated, Milwaukee, Wis. "Chocolate for Health and Goodness." (For Advertising Purposes for Chocolate.) 6,514; Feb. 6.

Eline's Incorporated, Milwaukee, Wis. "Eat Eline's Chocolate for Endurance and Goodness." (For Advertising Purposes for Chocolate.) 6,515; Feb. 6.

Eline's Incorporated, Milwaukee, Wis. "Why Eline's Chocolate is Best." (For Advertising Purposes for Chocolate.) 6,516; Feb. 6.

Eline's Incorporated, Milwaukee, Wis. "Eline's Sweet Milk Chocolate." (For Advertising Purposes for Chocolate.) 6,560; Feb. 20.

Eline's Incorporated, Milwaukee, Wis. "Deliciously Good." (For Advertising Purposes for Chocolate.) 6,561; Feb. 20.

Eline's Incorporated, Milwaukee, Wis. "Deliciously Good." (For Advertising Purposes for Chocolate.) 6,562; Feb. 20.

Eline's Incorporated, Milwaukee, Wis. "Eat Eline's Chocolate Bars and Nourish the Skin from Within." (For Advertising Purposes for Chocolate.) 6,594; Mar. 6.

Eline's Incorporated, Milwaukee, Wis. "Eat Eline's Chocolate Bars and Nourish the Skin from Within." (For Chocolate.) 6,604; Mar. 13.

Eline's Incorporated, Milwaukee, Wis. "Undernourished Children Need Eline's Chocolate Bars." (For Chocolate.) 6,605; Mar. 13.

Eline's Incorporated, Milwaukee, Wis. Spark the Human Engine with Eline Chocolate Bars. For Chocolate. 6,630; Apr. 3.

Eline's Incorporated, Milwaukee, Wis. Brace up Your Child with Eline's Milk Chocolate Bars. For Chocolate. 6,658; Apr. 17.

Eline's Incorporated, Milwaukee, Wis. Eat Eline's Milk Chocolate Bars. For Chocolate. 6,690; May 8.

Emery and Beers Co. Inc., New York, N. Y. "'Onyx' Hosiery." (For Advertising Purposes for Hosiery.) 6,517; Feb. 6.

Emery and Beers Co. Inc., New York, N. Y. "Onyx Hosiery." (For Advertising Purposes for Hosiery. 6,563; Feb. 20.

Emery and Beers Co., Inc., New York, N. Y. "'Onyx' Hosiery." (For Advertising Purposes for Hosiery.) 6,580; Feb. 27.

Emery & Beers Company, Inc., New York, N. Y. "Onyx Hosiery." (For Advertising Purposes for Hosiery.) 6,496; Jan. 23.

Emery & Beers Company, Inc., New York, N. Y. "'Onyx' Hosiery." (For Advertising Purposes for Hosiery.) 6,581; Feb. 27.

Emery & Beers Company, Inc., New York, N. Y. "'Onyx' Hosiery." (For Hosiery.) 6,612; Mar. 20.

Emery & Beers Company, Inc., assignor to Onyx Hosiery, Inc., New York, N. Y. "Onyx" Hosiery. For Hosiery. 6,793–5; July 10.

Engelke, William J. H., doing business as Pan-American Fire Works Company, Fort Dodge, Iowa. Spirit of No Man's Land. For Fireworks and Firework Displays. 6,640; Apr. 10.

Estey Organ Company, Brattleboro, Vt. "The Estey Pipe Organ." (For Advertising Purposes for Estey Pipe Organs.) 6,543; Feb. 13.

Estey Organ Company, Brattleboro, Vt. "The Estey Residence Pipe Organ." (For Advertising Purposes for Estey Pipe Organs.) 6,582; Feb. 27.

Evans, William, Chicago, Ill. "Cremo Potato Bread." (For Bread.) 6,606; Mar. 13.

Evans, William, Chicago, Ill. "Happy Home Bread." (For Bread.) 6,607; Mar. 13.

Fair, The, Chicago, Ill. The Ace of Golf Balls. For Golf Balls. 6,796; July 10.

Fairbank, N. K., Company, The, New York, N. Y. "Kept Clean With Gold Dust." (For Gold Dust Washing Powder.) 6,564; Feb. 20.

Fairbank, N. K., Company, The, New York, N. Y. "You might as well varnish your skin as to have clogged inactive pores." (For Advertising Purposes for Fairy Soap.) 6,583; Feb. 27.

Fairbank, N. K., Company, The, New York, N. Y. Like a Painted Lily—. For Fairy Soap. 6,659; Apr. 17.

Fairbank, N. K., Company, The, New York, N. Y. For Your Spring Cleaning. For Gold Dust Washing Powder. 6,660; Apr. 17.

Fairbank, N. K., Company, The, New York, N. Y. Kept Sweet and Clean with Gold Dust. For Gold Dust Washing Powder. 6,838; July 31.

Fairbank, N. K., Company, The, New York, N. Y. Your Men Folks Prefer Fairy Soap. For Fairy Soap. 6,839; July 31.

Feder, David H., doing business as Progressive Sales & Paint Company, Chicago, Ill. Stop Your Own Roof Leaks With Feder's Jiffy Easy Roof Repair Outfit. For Roof-Repair Outfits. 6,878; Sept. 11.

Federal Manufacturing Company, The, Columbus, Ohio. Headlighting Satisfaction. For Tilting Reflectors for Controlling the Positions of Headlight Beams from Light-Projecting Devices. 6,954; Nov. 6.

Federal Manufacturing Company, The, Columbus, Ohio. The Motorists' Eleventh Commandment—Thou Shalt Not Glare. For Tilting Reflectors for Controlling the Positions of Headlight Beams from Light-Projecting Devices. 6,955; Nov. 6.

First on the List. For Coffee. Hills Bros. 6,748; June 5.

Fisher, W. Reuen, Detroit, Mich. "Standardized Drilling and Reaming Jig Bushings." (For Drilling and Reaming Jig Bushings and Liners Therefor.) 6,622; Mar. 27.

Florida Citrus Exchange, Tampa, Fla. "Florida Sealdsweet Grapefruit Fine for Health." (For Advertising Purposes for Grapefruit.) 6,497; Jan. 23.

Forham Company, New York, N. Y. Only One in five is safe. For a Preparation for the Teeth. 6,907; Oct. 2.

Fougera, E., & Co., New York, N. Y. Snow Fluff. For Toilet Powder. 6,631; Apr. 3.

Franklin Knitting Mills, Inc., New York, N. Y. "Tylite." (For Advertising Purposes for Knitted Neckties and Scarfs.) 6,518; Feb. 6.

Franklin Knitting Mills, Inc., New York, N. Y. Look Best—Longest. For Knitted Neckties and Scarfs. 6,632; Apr. 3.

Franklin Knitting Mills, Inc., New York, N. Y. Fashionknit Turtle Ties. For Knitted Neckties. 6,691; May 8.

Franklin Manufacturing Co., The. (See Oppenheim Oberndorf & Co.)

Frischer, Lobl, doing business as Ideal Pleating Co., New York, N. Y. "The Most Up-to-Date Plant in the World." (For Advertising Purposes for Plaited Novelties.) 6,544; Feb. 13.

Frost, George, Company, Boston, Mass. Knicker Boston Garter. For Men's Garters. 6,797; July 10.

Genesee Pure Food Company, The, Le Roy, N. Y. "See How Easy It Is." (For Advertising Purposes for Jell-O, a Dessert Preparation.) 6,519; Feb. 6.

Genesee Pure Food Company, The, Le Roy, N. Y. "Giro Figures." (For Advertising Purposes for Jell-O, a Dessert Preparation.) 6,520; Feb. 6.

Genesee Pure Food Company, The, Le Roy, N. Y. "—and Norah says." (For Advertising Purposes for Jell-O, a Dessert Preparation.) 6,521; Feb. 6.

Genesee Pure Food Company, The, Le Roy, N. Y. "Donnelly Lemon Jell-O." (For Advertising Purposes for Jell-O, a Dessert Preparation.) 6,522; Feb. 6.

Genesee Pure Food Company, The, Le Roy, N. Y. "It's so Simple." (For Advertising Purposes for Jell-O, a Dessert Preparation.) 6,523; Feb. 6.

Genesee Pure Food Company, The, Le Roy, N. Y. "Whipped Strawberry Jell-O." (For Advertising Purposes for Jell-O, a Dessert Preparation.) 6,524; Feb. 6.
Genesee Pure Food Company, The, Le Roy, N. Y. "The Call to Luncheon." (For Advertising Purposes for Jell-O, a Dessert Preparation.) 6,525; Feb. 6.
Genesee Pure Food Company, The, Le Roy, N. Y. "Donnelly Strawberry Jell-O." (For Advertising Purposes for Jell-O, a Dessert Preparation.) 6,526; Feb. 6.
Genesee Pure Food Company, The, Le Roy, N. Y. "Domestic Science Class." (For Advertising Purposes for Jell-O, a Dessert Preparation.) 6,584; Feb. 27.
Genesee Pure Food Company, The, Le Roy, N. Y. "Giro Cherry Jell-O." (For Advertising Purposes for Jell-O, a Dessert Preparation.) 6,585; Feb. 27.
Genesee Pure Food Company, The, Le Roy, N. Y. "1923 Mother's Birthday." (For Advertising Purposes for Jell-O, a Dessert Preparation.) 6,586; Feb. 27.
Genesee Pure Food Company, The, Le Roy, N. Y. The Big Brother Package. For Jell-O. 6,908; Oct. 2.
Genesee Pure Food Company, The, Le Roy, N. Y. The Luncheon Party. For Jell-O. 6,909; Oct. 2.
Genesee Pure Food Company, The, Le Roy, N. Y. The Children's Grocery Store. For Jell-O. 6,910; Oct. 2.
Genesee Pure Food Company, The, Le Roy, N. Y. The Maid. For Jell-O. 6,911; Oct. 2.
Genesee Pure Food Company, The, Le Roy, N. Y. Cherry Whip. For Jell-O. 6,912; Oct. 2.
Genesee Pure Food Company, The, Le Roy, N. Y. Polly Put the Kettle On. For Jell-O. 6,913; Oct. 2.
Genesee Pure Food Company, The, Le Roy, N. Y. Pineapple Bavarian Cream. For Jell-O. 6,914; Oct. 2.
Genesee Pure Food Company, The, Le Roy, N. Y. The Grocery Boy. For Jell-O. 6,915; Oct. 2.
Genesee Pure Food Company, The, Le Roy, N. Y. Saving Jell-O. For Jell-O, a Dessert Preparation. 7,102; Dec. 25.
Genesee Pure Food Company, The, Le Roy, N. Y. The Wedding Present. For Jell-O, a Dessert Preparation. 7,103; Dec. 25.
Genesee Pure Food Company, The, Le Roy, N. Y. The Happy Family. For Jell-O, a Dessert Preparation. 7,104; Dec. 25.
Genesee Pure Food Company, The, Le Roy, N. Y. The Figurines. For Jell-O, a Dessert Preparation. 7,105; Dec. 25.
Genesee Pure Food Company, The, Le Roy, N. Y. The Eye Is Forerunner Of The Palate. For Jell-O, a Dessert Preparation. 7,106; Dec. 25.
Georgia, William B., Waco, Tex. Aristokrat Kut. For Fancy Cut Spectacle and Eyeglass Lenses. 6,832; July 24.
Georgia, Wm. B., Waco, Tex. Hitone Kut. For Fancy-Cut Spectacle and Eyeglass Lenses. 6,840; July 31.
Georgia, Wm. B., Waco, Tex. Hightone Kut II. For Fancy Cut Spectacle and Eyeglass Lenses. 7,020; Dec. 4.
Georgia, Wm. B., Waco, Tex. Hightone Kut III. For Fancy Cut Spectacle and Eyeglass Lenses. 7,021; Dec. 4.
Georgia, Wm. B., Waco, Tex. Twilyte-Ra Kut Lenzez. For Fancy Cut Spectacle Eyeglass and Colored Lenses. 7,022; Dec. 4.
Goldberg, Isidor, doing business as National Garter Company, New York, N. Y. Kiddygrip Socklets. For Hosiery Supporters. 6,720; May 22.
Good-Grape Company, The, Chattanooga, Tenn. Cap'n. Grapejack. For Nonalcoholic, Noncereal, Maltless Beverages. 6,879; Sept. 11.
Goodyear Tire & Rubber Company, The, Akron, Ohio. Claim Check. For Goodyear Wingfoot Soles and Heels. 6,991; Nov. 20.
Grier-Sutherland Co., Detroit, Mich. Power. For Storage Batteries. 6,692; May 8.
Gude, O. J., Company, N. Y., New York, N. Y. A Good Complexion Comes From Within. For Bottled Milk. 6,931; Oct. 16.
Gulf Crushing Co. Inc., Morgan City and New Orleans, La. Reef Brand Crushed Oyster Shell for Poultry. For Crushed Oyster Shell. 7,093; Dec. 18.
H. J. Heinz Co., Pittsburgh, Pa. Olives from Spain—From Seville, in sunny Spain, etc. For Heinz 57 Varieties. 7,076; Dec. 11.
H. J. Heinz Co., Pittsburgh, Pa. 56 is just a number—58 is just a number, etc. For Heinz 57 Varieties. 7,077; Dec. 11.
Haas Bros., Cincinnati, Ohio. Show Girl. For Cigars. 6,858; Aug. 14.
Hammel, Riglander & Co., New York, N. Y. V. T. F. Fancy Shape Lentilles. For Watch Glasses. 6,721; May 22.
Hanward Manufacturing Company, St. Louis, Mo. "At Your Service Folks." (For Advertising Purposes for Piston Rings.) 6,587; Feb. 27.
Hartmann Cushion Top Wardrobe Trunks. For Wardrobe Trunks. Hartmann Trunk Company. 6,771; June 26.
Hartmann Trunk Company, Racine, Wis. "The Panama Opening." (For Advertising Purposes for Wardrobe Trunks.) 6,527; Feb. 6.
Hartmann Trunk Company, Racine, Wis. Hartmann Cushion Top Wardrobe Trunks. For Wardrobe Trunks. 6,669–71; Apr. 24.
Hartmann Trunk Company, Racine, Wis. Hartmann Cushion Top Wardrobe Trunks. For Wardrobe Trunks. 6,703; May 15.
Haynes Automobile Company, The, Kokomo, Ind. "The New 1923 Haynes 55 Sport Touring 5 Passengers." (For Advertising Purposes for Automobiles.) 6,545; Feb. 13.
Haynes Automobile Company, The, Kokomo, Ind. Two New Haynes Cars Now on display for first time at Your local Haynes Showroom. For Automobiles. 6,641; Apr. 10.
Haynes Automobile Company, The, Kokomo, Ind. Haynes, For Automobiles. 6,704; May 15.
Haynes Automobile Co., The, Kokomo, Ind. Haynes 77. For Automobiles. 6,798; July 10.
Haynes Automobile Company, The, Kokomo, Ind. "The New Improved Five Passenger Haynes 75 Brougham." (For Advertising Purposes for Automobiles.) 9,498; Jan. 23.
Heinz, H. J., Co., Pittsburgh, Pa. "Good things for desserts Heinz Fig Pudding." (For Advertising Purposes for Heinz Fig Pudding.) 6,546; Feb. 13.
Heinz, H. J., Co., Pittsburgh, Pa. "A Heinz Kitchen Is A Pleasant Place." (For Advertising Purposes for Heinz 57 Products.) 6,547; Feb. 13.
Heinz, H. J., Co., Pittsburgh, Pa. Fifty Years Ago—When the village grocer, etc. For Heinz 57 Varieties. 7,023; Dec. 4.
Heinz, H. J., Company, Pittsburgh, Pa. Pickles in Patterns. For Heinz 57 Varieties (Food Products). 6,799; July 10.
Heinz, H. J., Company, Pittsburgh, Pa. Your Friend And Ours—The Grocer. For Heinz 57 Varieties (Food Products). 6,800; July 10.
Heinz, H. J., Company, Pittsburgh, Pa. What Surprised The Chef. For Heinz 57 Varieties (Food Products). 6,801; July 10.
Hemlock Manufacturers, The, Oshkosh, Wis. "Hemlock." (For Hemlock Lumber.) 6,613; Mar. 20.
Hills Bros., San Francisco, Calif. "Perfect Coffee." (For Advertising Purposes for Coffee.) 6,565; Feb. 20.
Hills, Bros., San Francisco, Calif. "The Fountain of Youth." (For Advertising Purposes for Coffee.) 6,566; Feb. 20.
Hills Bros., San Francisco, Calif. "American Palates Infallible." (For Advertising Purposes for Coffee.) 6,567; Feb. 20.
Hills Bros., San Francisco, Calif. "How to Make Coffee." (For Advertising Purposes for Coffee.) 6,568; Feb. 20.
Hills Bros., San Francisco, Calif. Where the finest coffee flavor comes from. For Coffee. 6,672; Apr. 24.
Hills Bros., San Francisco, Calif. First in Perfection. For Coffee. 6,693; May 8.
Hills Bros., San Francisco, Calif. First-try. For Coffee. 6,694; May 8.
Hills Bros., San Francisco, Calif. First in Quality. For Coffee. 6,695; May 8.
Hills Bros., San Francisco, Calif. First in Freshness. For Coffee. 6,696; May 8.
Hills Bros., San Francisco, Calif. First in flavor. For Coffee. 6,697; May 8.
Hills Bros., San Francisco, Calif. First in vacuum. For Coffee. 6,698; May 8.
Hills Bros., San Francisco, Calif. First choice. For Coffee. 6,699; May 8.
Hills Bros., San Francisco, Calif. It's real coffee. For Coffee. 6,916; Oct. 2.
Hills Bros., San Francisco, Calif. The recognized standard. For Coffee. 6,917; Oct. 2.
Hills Bros., San Francisco, Calif. Coffee flavor that satisfies. For Coffee. 6,918; Oct. 2.
Hills Bros., San Francisco, Calif. Remember the Man You'll remember the Can. For Coffee. 6,919; Oct. 2.
Hills Bros., San Francisco, Calif. Where the finest coffee flavor comes from. For Coffee. 6,920; Oct. 2.
Hills Bros., San Francisco, Calif. You can get good coffee. For Coffee. 6,921; Oct. 2.
Hills Bros., San Francisco, Calif. Yes people change to and then remain satisfied. For Coffee. 6,922; Oct. 2.
Hills Bros., San Francisco, Calif. It's sunny flavor wins your favor. For Coffee. 6,923; Oct. 2.
Hills Bros., San Francisco, Calif. Correct taste strength & Flavor. For Coffee. 6,932; Oct. 16.
Hills Bros., San Francisco, Calif. The Flavor Difference. For Coffee. 7,094; Dec. 18.
Hills Bros., San Francisco, Calif. The High Quality makes friends. For Coffee. 7,095; Dec. 18.
Hills Bros., San Francisco, Calif. The delicious aroma of an opened can is a promise of the full-flavored cup to come, Quality made it. For Coffee. 7,096; Dec. 18.
Hills Bros., San Francisco, Calif. Quality made. For Coffee. 7,097; Dec. 18.
Hinds, A. S., Co., Portland, Me. "The Hinds Cre-Maids Have Beauty Rare, Each One is a Perfect Dream, for They Always Use Each Day With Care Hinds Honey and Almond Cream." (For Advertising Purposes for Hinds Honey and Almond Cream.) 6,499; Jan. 23.
Hinds, A. S., Co., Portland, Me. "Hinds Honey and Almond Cream." (For Advertising Purposes for Hinds Honey and Almond Cream.) 6,500–3; Jan .23.

Alphabetical list of registrants of prints—Continued.

Hinds, A. S., Co., Portland, Me. "Hinds Disappearing Cream." (For Advertising Purposes for Hinds Disappearing Cream.) 6,504; Jan. 23.
Hinds, A. S., Co., Portland, Me. "Hinds Honey and Almond Cream." (For Advertising Purposes for Hinds Honey and Almond Cream.) 6,505–6; Jan. 23.
Hinds, A. S., Co., Portland, Me. "Please Write Us For Winter Comfort." (For the A. S. Hinds Co. Honey and Almond Cream.) 6,608; Mar. 13.
Hinds, A. S., Co., Portland, Me. The After-Shave Comfort and Enjoyment. For A. S. Hinds Co. Honey and Almond Cream. 6,848; Aug. 7.
Hinds, A. S., Co., Portland, Me. The Powder Base Perfection. For Hinds Honey and Almond Cream and Cre-mis Face Powder. 6,849; Aug. 7.
Hinds, A. S., Co., Portland, Me. Hinds Honey and Almond Cream. For Honey and Almond Cream. 6,880; Sept. 11.
Hinds, A. S., Co., Portland, Me. The Cream for Every Home. For Honey and Almond Cream and Cre-Mis Face Powder. 6,898; Sept. 25.
Hirsch's Hair Bazaar Inc., St. Louis, Mo. Ask for the Hirschnet. For Hair Nets. 6,705; May 15.
Holmes Company, Robbinston, Me. A Wooden Box Wire Bound Ready to Go. For Canned Fish. 6,642; Apr. 10.
Holmes Company, Robbinston, Me. H C O. For Canned Fish. 6,643; Apr. 10.
Hoye, Stephen M., doing business as Ka-Zu Beverage Company, Inc., Brooklyn, N. Y. "Ka-Zu Punch Extra Dry." (For Advertising Purposes for a Nonalcoholic Beverage.) 6,569; Feb. 20.
Hudson Bay Fur Company. (See Kosofsky, Aaron.)
Hurley Shoe Co., Rockland, Mass. Hurley Gripsem G/A Arch Shoe. For Shoes. 6,736; May 29.
Hygrade Oil & Fuel Corporation, Buffalo, N. Y. Most Smiles Per Gallon. For Gasoline and Oils. 6,802; July 10.
Ideal Pleating Co. (See Frischer, Lobl.)
India Herb Company. (See Dass, Shri K. A.)
Indiana Limestone Quarrymen's Assn., Bedford, Ind.; New York, N. Y., and Chicago, Ill. "Indiana Limestone The Nation's Building Stone." (For Advertising Purposes for Indiana Limestone.) 6,595; Mar. 6.
Jantzen Knitting Mills, Portland, Oreg. The suit that changed bathing to swimming. For Swimming Suit. 6,859; Aug. 14.
Jennings, James R., Springfield, Mass. "Biltmore Dressing." (For Advertising Purposes for Salad Dressing.) 6,507; Jan. 23.
Jessen, J. Carl, Hollywood, Calif. Motion Picture Memory Contest. For Motion Pictures. 6,803; July 10.
Jewel Tea Co. Inc., Chicago, Ill. Japanese Tea Gardens and Pickers. For Tea. 7,024; Dec. 4.
Joannes Brothers Company, Los Angeles, Calif. Mr. Coff E. Bean Says: For Coffee. 6,961; Nov. 13.
Johnson, Cyril, Woolen Co., Stafford Springs, Conn. The Fabric's The Thing. For Woolen and Worsted Piece Goods for Men's Wear Only. 6,860; Aug. 14.
Kahn's, E., Sons Company, The, Cincinnati, Ohio. "Signed on the Rind." (For Advertising Purposes for Ham and Bacon.) 6,596; Mar. 6.
Kahns, E., Sons Company, The, Cincinnati, Ohio. Demand this Brand. For Ham and Bacon. 6,644; Apr. 10.
Kaplan, Harry E., doing business as H. E. Kaplan & Co., Chicago, Ill. Eternal Bliss. For Finger Rings. 6,804; July 10.
Karp, Joseph H., New York, N. Y. Bleacho For Bleaching Hair—Use Bleacho. For Hair Preparations. 6,933; Oct. 16.
Kayser, Julius, & Co., New York, N. Y. Say—Kayser Gloves. For Gloves. 6,661; Apr. 17.
Ka-Zu Beverage Company. (See Hoye, Stephen M.)
Keiser, James R., Inc., New York, N. Y. The Keiser Tied Tie. For Neckties. 6,645; Apr. 10.
Kendall Products Corp., New York, N. Y. "Kent Washes Everything. Yes—Everything!" (For Advertising Purposes for Soap.) 6,508; Jan. 23.
Kenyon, C., Company, Inc., Brooklyn, N. Y. "Duro-Cords." (For Advertising Purposes for Rubber Tires and Tubes.) 6,548; Feb. 13.
King, Frank O., Chicago, Ill. Skeezix. For Dolls. 6,992; Nov. 20.
King, Frank O., Chicago, Ill. Gasoline Alley Bunch. For Dolls. 6,993; Nov. 20.
King's Food Products Company, Portland, Oreg. —The choice of a million American housewives. For Fruits and Vegetables. 6,861; Aug. 14.
Kirk, James S., & Company, Chicago, Ill. "Kirk's Cocoa Hardwater Castile." (For Soap.) 6,623–4; Mar. 27.
Kirk, James S., & Company, Chicago, Ill. "'Cheaper to Buy Good Soap than New Clothes'." (For Soap.) 6,625; Mar. 27.
Kirk, James S., & Company, Chicago, Ill. "Kirk's Cocoa Hardwater Castile." (For Soap.) 6,626; Mar. 27.
Kirk, James S., & Company, Chicago, Ill. Dare You Wear a Diamond Ring? For Soap. 6,633; Apr. 3.
Kirk, James S., & Company, Chicago, Ill. Could You Wear a String of Pearls? For Soap. 6,634; Apr. 3.
Kirk, James S., & Company, Chicago, Ill. Kirk's Cocoa Hardwater Castile. For Soap. 6,635; Apr. 3.
Kirk, James S., & Company, Chicago, Ill. American Family. For Soap. 6,700; May 8.
Kirk, James S., & Company, Chicago, Ill. Kirk's Cocoa Hardwater Castile. For Soap. 6,706; May 15.
Kirk, James S., Company, Chicago, Ill. Kirk's Cocoa Hardwater Castile. For Soap. 6,722; May 22.
Kirk, James S., & Company, Chicago, Ill. Attract the Eye to Make Folks Buy. For Soap. 6,737; May 29.
Kirk, James S., & Company, Chicago, Ill. Specially designed for Special Sales. For Soap. 6,738; May 29.
Kirk, James S., & Company, Chicago, Ill. Kirk's Cocoa Hardwater Castile. For Soap. 6,739; May 29.
Kirk, James S., & Company, Chicago, Ill. As Invigorating as a Breath of Mountain Air. For Soap. 6,994; Nov. 20.
Klein, Phil, Co., New York, N. Y. "'I Don't Need Him' I wear 'Good Health' Clothes." (For Advertising Purposes for Boys' Clothing.) 6,588; Feb. 27.
Knothe Brothers Co., Inc., New York, N. Y. Kno the Club Garters. For Men's Garters. 6,646; Apr. 10.
Kosofsky, Aaron, doing business as Hudson Bay Fur Company, New York, N. Y. "Buy Hudson Bay Furs." (For Fur Garments.) 6,614; Mar. 20.
Krank, Alfred J., St. Paul, Minn. "Krank's Fix-A-Gloss," (For Advertising Purposes for a Dandruff Remedy and Hair Dressing.) 6,570; Feb. 20.
Krank, Alfred J., St. Paul, Minn. Krank's Hair-Root-Oil. For a Hair Tonic. 6,850; Aug. 7.
Krank, Alfred J., St. Paul, Minn. Krank's. For Toilet Preparations. 6,899; Sept. 25.
Krux, Frank, Chicago, Ill. Unity. For Stoves. 7,025; Dec. 4.
Laadt Corporation, The, Chicago, Ill. Espec. For Electrical Spectacles. 6,723; May 22.
Larus & Brother Company, Richmond, Va. Edgeworth Extra High Grade Tobacco. For Tobacco. 6,900; Sept. 25.
Lawton, Thomas, New York, N. Y. We Sell Dr. Lawton's Guaranteed Fat Reducer. For Surgical Appliances. 6,707; May 15.
Libby, McNeill & Libby, Chicago, Ill. Libby's Fancy Red Alaska Salmon. For Salmon. 6,874; Sept. 4.
Libby, McNeill & Libby, Chicago, Ill. Toy Store. For Canned Goods. 6,962; Nov. 13.
Lionel Trading Co. Inc., New York, N. Y. "Lionel Compact." (For Compacts.) 6,615; Mar. 20.
Lionel Trading Co., Inc., New York, N. Y. Lionel Square Compact. For Compacts. 6,889; Sept. 18.
Little Women Dress Co., New York, N. Y. Little Women Dress Co. For Dresses. 6,805; July 10.
Littman, Geo., Stuart, Fla. "Lemon Liver Workers." (For Advertising Purposes for Liver Pills.) 6,697; Mar. 6.
Locomotive Firebox Company, Chicago, Ill. The Heart Of The Locomotive. For Parts of Locomotive Boilers Known as Thermic Siphons. 6,851; Aug. 7,
Lowney, Walter M., Company, Boston, Mass. Lowney's Chocolates. For Chocolate Products, Including Particularly Lowney's Chocolates. 6,822; July 17.
Luminite Corporation, The, Newark, N. J. "Luminite Push Button." (For Advertising Purposes for Luminite Radium Push Buttons.) 6,571; Feb. 20.
Luminite Corporation, The, Newark, N. J. "Luminite Pendant." (For Advertising Purposes for Lumnite Radium Pendants.) 6,572; Feb. 20.
Luminite Corporation, The, Newark, N. J. "Luminite Locator." (For Advertising Purposes for Luminite Radium Locators.) 6,598; Mar. 6.
Magee, Robert E., Denver, Colo., "Oil Shale By-Products." (For Advertising Purposes for Oil Shale and Refinings Therefrom.) 6,599; Mar. 6.
Mannion & Arthur Co., Perth Amboy, N. J. Shoot the Plugs. For Plugs for Cleaning Condenser Tubes. 6,807; July 10.
Mannion & Arthur Co., Perth Amboy, N. J. Shoot the Plugs. For Plugs for Cleaning Condenser Tubes. 6,890; Sept. 18.
Mannion & Arthur Co., Perth Amboy, N. J. Shoot the Plugs Use One 400 Times and More. For Plugs for Cleaning Condenser Tubes. 6,924; Oct. 2.
Martin Varnish Company, Chicago, Ill. Martin's 100% Pure. For Varnishes. 6,995; Nov. 20.
Mathews, Frederick C., Company, Detroit, Mich. A Refreshing—Delicious—Satisfying Dish. For Ice Cream. 6,996; Nov. 20.
Mathews, Frederick C., Company, Detroit, Mich. From Blossom to Tasty Fruit. For Ice Cream. 6,997; Nov. 20.
Mathews, Frederick C., Company, Detroit, Mich. Your Dream. For Ice Cream. 6,998; Nov. 20.
Mathews, Frederick C., Company, Detroit, Mich. The Height of Delight. For Ice Cream. 6,999; Nov. 20.
Mathews, Frederick C., Company, Detroit, Mich. The Choice of Particular People. For Ice Cream. 7,000; Nov. 20.
Mathews, Frederick C., Company, Detroit, Mich. The Extreme of Excellence. For Ice Cream. 7,001; Nov. 20.
Mathews, Frederick C., Company, Detroit, Mich. Always Pleasing. For Ice Cream. 7,002; Nov. 20.
Mathews, Frederick C., Company, Detroit, Mich. A Slice of Deliciousness. For Ice Cream. 7,003; Nov. 20.
Mathews, Frederick C., Company, Detroit, Mich. A Delight to All. For Ice Cream. 7,004; Nov. 20.

Mathews, Frederick C., Company, Detroit, Mich. Real Crushed Fruit Flavor. For Ice Cream. 7,005; Nov. 20.
Mathews, Frederick C., Company, Detroit, Mich. The Ideal Dessert. For Ice Cream. 7,006; Nov. 20.
Mathews, Frederick C., Company, Detroit, Mich. Two Tasty Dishes. For Ice Cream. 7,007; Nov. 20.
Mathews, Frederick C., Company, Detroit, Mich. Our Strawberry Soda. For Ice Cream. 7,008; Nov. 20.
Mathews, Frederick C., Company, Detroit, Mich. Hawaiian Pineapple. For Ice Cream. 7,009; Nov. 20.
Mathews, Frederick C., Company, Detroit, Mich. A Delight to Eye and Palate. For Ice Cream. 7,026; Dec. 4.
Mathews, Frederick C., Company, Detroit, Mich. Three Delicious Dishes. For Ice Cream. 7,027; Dec. 4.
Mathews, Frederick C., Company, Detroit, Mich. Winsomeness. For Ice Cream. 7,028; Dec. 4.
Mathews, Frederick C., Company, Detroit, Mich. A Royal Feast. For Ice Cream. 7,029; Dec. 4.
Mathews, Frederick C., Company, Detroit, Mich. Just As Good As It Looks. For Ice Cream. 7,030; Dec. 4.
Mathews, Frederick C., Company, Detroit, Mich. Pineapple and Cherries. For Ice Cream. 7,031; Dec. 4.
Mathews, Frederick C., Company, Detroit, Mich. Deliciousness with Crushed Fruits. For Ice Cream. 7,032; Dec. 4.
Mathews, Frederick C., Company, Detroit, Mich. A Fountain Drink. For Ice Cream. 7,033; Dec. 4.
Mathews, Frederick C., Company, Detroit, Mich. Real Food for Everyone. For Ice Cream. 7,034; Dec. 4.
Mathews, Frederick C., Company, Detroit, Mich. It's a Treat Indeed. For Ice Cream. 7,035; Dec. 4.
Mathews, Frederick C., Company, Detroit, Mich. A Delicious Dish. For Ice Cream. 7,036; Dec. 4.
Mathews, Frederick C., Company, Detroit, Mich. Tempts Any Appetite. For Ice Cream. 7,037; Dec. 4.
Mathews, Frederick C., Company, Detroit, Mich. Everybody's Favorite. For Ice Cream. 7,038; Dec. 4.
Mathews, Frederick C., Company, Detroit, Mich. The Kiddies' Delight. For Ice Cream. 7,039; Dec. 4.
Mathews, Frederick C., Company, Detroit, Mich. Good! Every Day in the Year. For Ice Cream. 7,040; Dec. 4.
Mathews, Frederick C., Company, Detroit, Mich. Good as Gold. For Ice Cream. 7,041; Dec. 4.
Mathews, Frederick C., Company, Detroit, Mich. Summer's Refreshment. For Ice Cream. 7,042; Dec. 4.
Mathews, Frederick C., Company, Detroit, Mich. The Favorite of Childhood. For Ice Cream. 7,043; Dec. 4.
Mathews, Frederick C., Company, Detroit, Mich. Autumn Glory. For Ice Cream. 7,044; Dec. 4.
Mathews, Frederick C., Company, Detroit, Mich. The Pride of June. For Ice Cream. 7,045; Dec. 4.
Mathews, Frederick C., Company, Detroit, Mich. His Best Effort. For Ice Cream. 7,046; Dec. 4.
Mathews, Frederick C., Company, Detroit, Mich. A Wonderful Combination. For Ice Cream. 7,047; Dec. 4.
Mathews, Frederick C., Company, Detroit, Mich. Satisfaction in Both. For Ice Cream. 7,048; Dec. 4.
Mathews, Frederick C., Company, Detroit, Mich. A Joy to the Epicure. For Ice Cream. 7,098; Dec. 18.
Maxime Drug Co. (See Robins, Max.)
Mayhew, James N., Co., Inc., Minneapolis, Minn. Fit-Rite. For Shoe and Slipper Trees. 6,823; July 17.
McConnell Manufacturing Company, Newark, N. J. Snap—A Better Hair Waver. For Hair Wavers. 6,806; July 10.
Michigan Investment Company, Detroit, Mich. "Its Just as Easy to Put It in One Window as the Other." (For Advertising Purposes for Dwelling Houses.) 6,509; Jan. 23.
Mifflin Chemical Corporation, Philadelphia, Pa. "Alkohol Massage." (For Advertising Purposes for an Alcoholic Massaging Preparation.) 6,528; Feb. 6.
Miller Rubber Company, The, Akron, Ohio. No More Spilt Milk. For a Nipple Applicator. 6,862; Aug. 14.
Miller Rubber Company, The, Akron, Ohio. Keeps the Clothes Dry. For a Nursery Apron. 6,863; Aug. 14.
Miller Rubber Company, The, Akron, Ohio. Miller Baby Week. For Nipple Applicator and Breast Nipples. 6,864; Aug. 14.
Miller Rubber Company, The, Akron, Ohio. For Baby's Comfort. For a Baby Comfort Kit. 6,865; Aug. 14.
Miller Rubber Company, The, Akron, Ohio. For Baby's Bath. For a Rubber Sponge. 6,866; Aug. 14.
Miller Rubber Company, The, Akron, Ohio. Nothing Comes Out. For Baby Pants. 6,867; Aug. 14.
Minimax Company, New York, N. Y. No Fire can expand with Minimax at hand. For Fire Extinguishers. 6,852; Aug. 7.
Moist Piano Company, Chicago, Ill. The Greatest Piano Sale in the History of Chicago. For Pianos of All Kinds. 6,647; Apr. 10.
Moist Piano Company, Chicago, Ill. World's Largest Exclusive Reproducing and Artist Grand Piano House. For Pianos of All Kinds. 6,808; July 10.
National Acme Company, The, Cleveland, Ohio. Gridley. For Metal-Working Machines and Tools. 6,881; Sept. 11.
National Garter Company. (See Goldberg, Isidor.)
Neal, David, Canton, Ohio. N. For Batteries and Electrical Apparatus. 6,824; July 17.
Nekritz, Louis, doing business as The Perfect Polish Co., Brooklyn, N. Y. "Nek-Ritz's Iron Lustre." (For Advertising Purposes for Stove Polish.) 6,529; Feb. 6.
Nesmoht Sales Company, The. (See Thomsen, John H.)
Nestlé's Food Company, Inc., New York, N. Y. Nestlé's Every Day Milk. For Evaporated Milk. 6,868; Aug. 14.
New Orleans Ice Cream Company. (See Brown, Benjamin C.)
No-Leak-O Piston Ring Company, Baltimore, Md. "The Guarantee of many smooth running miles No-Leak-O." (For Advertising Purposes for Piston Rings.) 6,512; Jan. 30.
Northam Warren Corporation, New York, N. Y. Don't Cut the Cuticle—Keep your nails always lovely the Cutex way. For Manicure Preparations and Implements. 6,891; Sept. 18.
Northam Warren Corporation, New York, N. Y. Have Lovely Nails without Cutting the Cuticle. For Manicure Preparation and Implements. 6,892; Sept. 18.
Norwich Pharmacal Company, The, Norwich, N. Y. Sunburn Hurts! Unguentine Heals! For Unguentine. 6,825; July 17.
Nu Bone Corset Co., The, Los Angeles, Calif. Introducing The "Corset-less" Corset Model Nu West. For Corsets and Similar Garments. 7,010; Nov. 20.
Ohio Truss Co., The, Cincinnati, Ohio. Watch Your (In)-Step! For Arch Builders or Supports. 6,809; July 10.
Olsen & Ebann, Chicago, Ill. The Aristocrats of Credit Jewelers. For Jewelry and Silverware. 6,826; July 17.
O'Neil Oil & Paint Company, Milwaukee, Wis. O'Neil's "Every drop tested" Motor Oils. For Motor Oils. 6,648; Apr. 10.
O'Neil Oil & Paint Company, Milwaukee, Wis. O'Neil's "Every drop tested" Greases. For Greases. 6,724; May 22.
O'Neil Oil & Paint Company, Milwaukee, Wis. O'Neil's "Every drop tested" Velvet Greases. For Motor Oils. 6,725; May 22.
O'Neil Oil & Paint Company, Milwaukee, Wis. O'Neil's "Every drop tested" Pure Gasoline. For Gasoline. 6,726; May 22.
O'Neil Oil & Paint Company, Milwaukee, Wis. O'Neil's "Every drop tested" Non-Chatter Motor Oil. For Motor Oils. 6,727; May 22.
O'Neil Oil & Paint Company, Milwaukee, Wis. O'Neil's "Every drop tested" Velvet Motor Oils. For Motor Oils. 6,728; May 22.
O'Neil Oil & Paint Company, Milwaukee, Wis. O'Zol (Benzol Motor Gasoline). For Gasoline. 6,901; Sept. 25.
Onyx Hosiery, Inc. (See Emery & Beers Company, Inc. assignor.)
"Onyx" Hosiery, Inc., New York, N. Y. "Onyx" Hosiery. For Hosiery. 6,810; July 10.
"Onyx" Hosiery Inc., New York, N. Y. "Onyx" Hosiery. For Hosiery. 6,875; Sept. 4.
"Onyx" Hosiery, Inc., New York, N. Y. If your hands were so tiny that your fingers were no thicker than pins. For Hosiery. 6,963; Nov. 13.
"Onyx" Hosiery, Inc., New York, N. Y. An Important Feature of "Onyx Pointex" Hosiery. For Hosiery. 6,964; Nov. 13.
"Onyx" Hosiery, Inc., New York, N. Y. Under the keen appraisal of scores of critical eyes. For Hosiery. 7,079; Dec. 11.
Oppenheim Oberndorf & Co. Inc., doing business as The Sealpax Company, Baltimore, Md. "Lady Sealpax." (For Advertising Purposes for Underwear.) 6,530–1; Feb. 6.
Oppenheim Oberndorf & Co. Inc., doing business as The Sealpax Company, Baltimore, Md. "We Want Cool Comfort." (For Underwear.) 6.616; Mar. 20.
Oppenheim Oberndorf & Co. Inc., doing business as The Sealpax Company, Baltimore, Md. "Sealpax." (For Underwear.) 6,617; Mar. 20.
Oppenheim Oberndorf & Co. Inc., doing business as The Sealpax Company, Baltimore, Md. "Sanitary Sealpax." (For Underwear.) 6,618; Mar. 20.
Oppenheim Oberndorf & Co. Inc., Baltimore, Md. "The Woodsman Shirt." (For Shirts.) 6,619; Mar. 20.
Oppenheim Oberndorf & Co. Inc., doing business as The Sealpax Company, Baltimore, Md. "Sealpax a Better Athletic Underwear Sold in a Cleaner Way." (For Underwear.) 6,620; Mar. 20.
Oppenheim Oberndorf & Co. Inc., doing business as The Sealpax Company, Baltimore, Md. "Boys' Sealpax." (For Underwear.) 6,621; Mar. 20.
Oppenheim Oberndorf & Co., Inc., doing business as The Franklin Manufacturing Co., Baltimore, Md. King Tut. For Cotton Piece Goods. 6,662; Apr. 17.
Packman, Michael, Atlantic City, N. J. Baby Eggs. For Eggs. 7,080; Dec. 11.
Palmolive Company, Milwaukee, Wis. What the eyes of others see. For Palmolive Soap. 7,081; Dec. 11.
Palmolive Company, The, Milwaukee, Wis. "When She Grows Up." (For Advertising Purposes for Palmolive Soap.) 6,573; Feb. 20.
Palmolive Company, The, Milwaukee, Wis. The Springtime of Life. For Palmolive Soap. 6,663; Apr. 17.

Palmolive Company, The, Milwaukee, Wis. Not a Day Older. For Palmolive Soap. 6,664; Apr. 17.
Palmolive Company, The, Milwaukee, Wis. Face to Face. For Palmolive Soap. 6,708; May 15.
Palmolive Company, The, Milwaukee, Wis. Beauty That Lures. For Palmolive Soap. 6,827; July 17.
Palmolive Company, The, Milwaukee, Wis. My wife asked me to do this. For Palmolive Shampoo. 6,882; Sept. 11.
Palmolive Company, The, Milwaukee, Wis. Reflecting Beauty Secrets of the Past. For Palmolive Soap. 6,965; Nov. 13.
Palmolive Company, The, Milwaukee, Wis. Certainly—Your own mild Palmolive. For Soap. 6,966; Nov. 13.
Palmolive Company, The, Milwaukee, Wis. Where Beauty Begins. For Palmolive Soap. 7,107; Dec. 25.
Pan-American Fire Works Company. (See Engelke, William, J. H.)
Paramount Motors Syndicate, Los Angeles, Calif. Paramount. For Automobiles. 6,925; Oct. 2.
Perceval, C., New York, N. Y. "C. Perceval, Inc. 'The Home of a Thousand Delicacies'." (For Fine Table Luxuries.) 6,627; Mar. 27.
Percy, Carl, Inc., New York, N. Y. Baby needs Blank's Talc and depends upon you to get it. For Talc. 6,649; Apr. 10.
Percy, Carl, Inc., New York, N. Y. Blank's Fine Chocolates. For Chocolates. 6,701; May 8.
Perfect Polish Co., The. (See Nekritz, Louis.)
Pioneer Products Co., The, Dayton, Ohio. Chex—Thrills you with Cleanliness. For Soap. 7,049; Dec. 4.
Piston Service Co. Inc., Detroit, Mich. Motor Parts Replacement. For Pistons, Parts, and Accessories of Gasoline Engines. 6,650; Apr. 10.
Plumb, Fayette R., Inc., Philadelphia, Pa. Plumb Double Life Saw Files. For Files. 6,651; Apr. 10.
Polleys, Charles G., West Somerville, Mass. Ocean Power Products. For Machinery for the Development of Power from Tides, Currents, and Other Water Movements. 7,108; Dec. 25.
Postum Cereal Co. Inc., New York, N. Y. "Post's Bran Flakes Now You'll Like Bran!!" (For Advertising Purposes for Post's Bran Flakes.) 6,510; Jan. 23.
Postum Cereal Company, Inc., New York, N. Y. Grape Nuts Window Trim. For Grape Nuts. 6,833; July 24.
Postum Cereal Company, Inc., Battle Creek, Mich., and New York, N. Y. Post's Bran Flakes. For Breakfast Food (Cereal). 7,011; Nov. 20.
Pratt-Low Preserving Co., Santa Clara, Calif. Prattlow Products Please Particular People. For Canned Fruits and Vegetables. 6,869; Aug. 14.
Progressive Sales & Paint Company. (See Feder, David H.)
Raybestos Company, The, Bridgeport, Conn. The Raybestos Way is the Safe Way. For Brakes and Brake Linings. 6,946; Oct. 30.
Real Silk Hosiery Mills, Indianapolis, Ind. The Expensive Way. For Hosiery. 6,902; Sept. 25.
Real Silk Hosiery Mills, Indianapolis, Ind. The Economical Way. For Hosiery. 6,903; Sept. 25.
Reid, Murdoch & Co., Chicago, Ill. Monarch Tea. For Tea. 6,677; May 1.
Reid, Murdoch & Co., Chicago, Ill. Monarch. For Tea, Coffee, and Cocoa. 6,678; May 1.
Reid, Murdoch & Co., Chicago, Ill. Monarch Coffee. For Coffee. 6,679; May 1.
Reid, Murdoch & Co., Chicago, Ill. Monarch Quality. For Groceries. 6,680; May 1.
Republic Stamping & Enameling Company, The, Canton, Ohio. "Republic White Ware." (For Advertising Purposes for Enameled Kitchen Utensils.) 6,574; Feb. 20.
Reuter-Barry, Inc., New York, N. Y. Pure enough to Eat. For a Toilet Soap (Reuter's). 6,811; July 10.
Richards, James E. Company, The, Dayton, Ohio. "Better White Duck Clothing." (For Advertising Purposes for White Duck Clothing.) 6,511; Jan. 23.
Richards, James E., Company, The, Dayton, Ohio. Better White Duck Clothing. For White Duck Clothing. 6,681; May 1.
Richards, James E., Company, The, Dayton, Ohio. Sport Trousers. For White Duck Clothing. 6,682; May 1.
Robins, Max, doing business as Maxime Drug Co., Chicago, Ill. Neo Bug Destroyer. For A Preparation for Destroying Bugs. 6,709; May 15.
Roper, Geo. D., Corporation, Rockford, Ill. "Appreciating." (For Advertising Purposes for Gas Ranges.) 6,549; Feb. 13.
Roper, Geo. D., Corporation, Rockford, Ill. The Beauty. For Gas Ranges. 6,683; May 1.
Roper, Geo. D., Corporation, Rockford, Ill. Inevitably. For Gas Ranges. 6,812; July 10.
Roper, Geo. D., Corporation, Rockford, Ill. Roper. For Gas Ranges. 6,967; Nov. 13.
"S. & M." Dye Work, Inc., Philadelphia, Pa. Color certainteed. For Dyeing of Yarn, Fabric, and Garments. 6,740; May 29.
Sanitary Toilet Company, New York, N. Y. "Sanicovers." (For Advertising Purposes for Toilet Closet Seat Covers.) 6,600; Mar. 6.
Sanitary Toilet Co., New York, N. Y. "Sanicovers." (For Advertising Purposes for Toilet Closet Seat Covers.) 6,601; Mar. 6.
Schieren, Chas. A., Company, New York, N. Y. and Bristol, Tenn. "Duxbak." (For Advertising Purposes for Leather Belting.) 6,550; Feb. 13.
Schmidt, A., & Son, Boston, Mass. "Artifax Omnes." (For Old and Modern Silver, Sheffield Plate, Old and Modern Glass, Garnitures, and Fine Porcelains.) 6,628; Mar. 27.
Schmoll Fils & Co., Inc., New York, N. Y. "We Deliver What You Buy." (For Advertising Purposes for Hides, Skins and Tanning Materials.) 6,532; Feb. 6.
Schrafft, W. F., & Sons Corp., Boston, Mass. "Schrafft's Chocolates Christmas Packages." (For Advertising Purposes for Christmas Packages of Chocolates.) 6,551; Feb. 13.
Schrafft, W. F., & Sons Corporation, Boston, Mass. Chocolates Fit for a Queen. For Schrafft's Chocolates. 6,665; Apr. 17.
Schulze Baking Co., Chicago, Ill. Schulze's Cake Eight Varieties. For Cake. 6,956; Nov. 6.
Seaboard Rice Milling Company, Galveston, Tex. Comet Rice. 6,684–7; May 1.
Sealpax Company, The. (See Oppenheim Oberndorf & Co.)
Sealright Co. Inc., Fulton, N. Y. 15¢ in a Sealright Container. For Sealright Paper Boxes. 6,968; Nov. 13.
Sealright Co. Inc., Fulton, N. Y. 10¢ in a Sealright Container. For Sealright Paper Boxes. 6,969; Nov. 13.
Sealright Co. Inc., Fulton, N. Y. Sealright Paper Butter Tubs. For Sealright Paper Boxes. 7,050–1; Dec. 4.
Sherwood Petroleum Company, Inc., Brooklyn, N. Y. Mr. I. Lubricate. For Lubricating Oils. 6,853; Aug. 7.
Smith, Allen A., Company, The, Toledo, Ohio. 2/5. For Lumber, Also Doors, Windows, and Interior Finish. 6,934; Oct. 16.
Southern Farm Products Co., Atlanta, Ga. Slazum. For Insecticide to Kill Boll Weevil. 6,636. Apr. 3.
Sperry Flour Company, San Francisco, Calif. To Be Sure Use Sperry Drifted Snow Flour. For Wheat Flour. 7,012; Nov. 20.
Squibb, E. R., & Sons, New York, N. Y. Protected By Professional Honor. For Drugs. 6,813; July 10.
Squibb, E. R. & Sons, New York, N. Y. It Was Thus Intended. For Drugs. 6,814; July 10.
Squibb, E. R., & Sons, New York, N. Y. Servants Of Science. For Drugs. 6,815; July 10.
Squibb, E. R., & Sons, New York, N. Y. Another great achievement by the Squibb Laboratories. For Squibb's Magnesia Dental Cream. 6,816; July 10.
Squibb, E. R., & Sons, New York, N. Y. That you may know. For Drugs. 6,841; July 31.
Squibb, E. R., & Sons, New York, N. Y. Most Serious Dental Troubles Start at The Danger Line. For Squibb's Magnesia Dental Cream. 6,842; July 31.
Squibb, E. R., & Sons, New York, N. Y. The importance of One Short Word! For Drugs. 6,870; Aug. 14.
Squibb, E. R., & Sons, New York, N. Y. The story time will tell. For Cold Cream. 6,871; Aug. 14.
Squibb, E. R., & Sons, New York, N. Y. Are you buying your medicine cabinet requisites "in the dark"? For Drugs. 6,872; Aug. 14.
Squibb, E. R., & Sons, New York, N. Y. Why not Both In One? For Dental Cream. 6,883; Sept. 11.
Squibb, E. R., & Sons, New York, N. Y. The Priceless Ingredient. For Drugs. 6,884; Sept. 11.
Squibb, E. R., & Sons, New York, N. Y. Different from all other tooth pastes. For Dental Cream. 6,885; Sept. 11.
Squibb, E. R., & Sons, New York, N. Y. A Genuine Achievement for the Better Care of Your Teeth and Gums. For Dental Cream. 6,893; Sept. 18.
Squibb, E. R., & Sons, New York, N. Y. Everywhere, people welcome this better way of keeping their teeth sound and attractive! For Dental Cream. 6,926; Oct. 2.
Squibb, E. R., & Sons, New York, N. Y. The importance of One Short Word. For Drugs. 6,935; Oct. 16.
Squibb, E. R., & Sons, New York, N. Y. No one appreciates a pure talcum as does the nurse. For Talcum Powder. 6,936; Oct. 16.
Squibb, E. R., & Sons, New York, N. Y. Different from All Others. For Dental Cream. 6,937; Oct. 16.
Squibb, E. R., & Sons, New York, N. Y. A Message to Nurses. For Nursery Powder. 6,938; Oct. 16.
Squibb, E. R., & Sons, New York, N. Y. Squibb's Dental Cream. For Dental Cream. 6,939; Oct. 16.
Squibb, E. R., & Sons, New York, N. Y. Your whole life long—Acid-Erosion threatens at The Danger Line. For Dental Cream. 6,940; Oct. 16.
Squibb, E. R., & Sons, New York, N. Y. Dental Authorities say—Fight Acid-Erosion at "The Danger Line". For Dental Cream. 6,941; Oct. 16.
Squibb, E. R., & Sons, New York, N. Y. Acid-Erosion at The Danger Line. For Dental Cream. 6,942; Oct. 16.
Squibb, E. R., & Sons, New York, N. Y. Like no other talcum ever made! For Talcum. 6,943; Oct. 16.
Squibb, E. R., & Sons, New York, N. Y. Another great achievement by the Squibb Laboratories. For Dental Cream. 6,947; Oct. 30.
Squibb, E. R., & Sons, New York, N. Y. Now you can Know what your dental cream will do. For Dental Cream. 6,948; Oct. 30.

Alphabetical list of registrants of prints—Continued.

Squibb, E. R., & Sons, New York, N. Y. Its Points of Advantage. For Solargentum Squibb. 6,949; Oct. 30.
Squibb, E. R., & Sons, New York, N. Y. Pleasant flavor means preferred sales. For Aromatic Squibb. 6,950; Oct. 30.
Squibb, E. R., & Sons, New York, N. Y. Squibb's Healthy Baby Contest. For Nursery Products. 6,951; Oct. 30.
Squibb, E. R., & Sons, New York, N. Y. For your Baby's Sake. For Drugs. 6,970; Nov. 13.
Squibb, E. R., & Sons, New York, N. Y. A vitally important place in every home. For Household Products. 7,052; Dec. 4.
Squibb, E. R., & Sons, New York, N. Y. A new dental cream that halts Acid-Erosion at The Danger Line. For Dental Cream. 7,053; Dec. 4.
Squibb, E. R., & Sons, New York, N. Y. Nurses appreciate the Exceptional Purity of These Products. For Cold Cream. 7,054; Dec. 4.
Squibb, E. R., & Sons, New York, N. Y. Are you buying your medicine Cabinet requisites "in the dark?" For Drugs. 7,055; Dec. 4.
Standard Oil Company, (Incorporated in New Jersey), Bayonne, N. J. "The Balanced Gasoline!" (For Advertising Purposes for Gasoline. 6,552; Feb. 13.
Standard Oil Company. (New Jersey), Bayonne, N. J. Regular as Clock Work. For Medicinal Oils. 6,666; Apr. 17.
Standard Oil Company (New Jersey), Bayonne, N. J. Esso. For Petroleum, Gasoline, Refined Oils, Lubricating Oils, Greases, and Other Petroleum Products. 6,886; Sept. 11.
Standard Thermometer Co., Boston, Mass. Put your name on my face. For Thermometers. 6,887; Sept. 11.
Star Extract Works. (See Bender, J. Harry.)
Steameter Co., The Chicago, Ill. Steameter The new heat Indicator. For Temperature-Indicating Devices. 6,843; July 31.
Sterling Company, The, Chicago, Ill. Happy Home Apron Dresses. For Aprons and Dresses. 6,741; May 29.
Stevens & Company, Inc., Providence, R. I. "The Nuway Artshel." (For Advertising Purposes for Spectacle Frames.) 6,553; Feb. 13.
Sturdy's, J. F. Sons Company, Attleboro Falls, Mass. Above them all. For Cuff Buttons. 6,844; July 31.
Sullivan, Marguerite, doing business as Domino House, Philadelphia, Pa. Permanent Wave Effect Now Quick, Cheap, and Easy. For Curling Fluid. 6,742; May 29.
Summerour & Son, Vernon, Tex. 50-50 Cotton Seed. For Cottonseed. 7,109; Dec. 25.
Swift Specific Company, Atlanta, Ga. S. S. S. Nature's Blood Purifier. For A Medicinal Preparation—Namely, a Tonic for the Blood. 7,013; Nov. 20.
The Estey Organ Company, Brattleboro, Vt. There is something about the presence of a pipe organ in a home that gives the house a distinction, etc. For Estey Organs. 7,074; Dec. 11.
The Estey Organ Company, Brattleboro, Vt. The Estey Residence Pipe Organ—Greatest of all instruments of music is the Organ, etc. For Estey Organs. 7,075; Dec. 11.
Thermalene Gas Corporation, Kankakee, Ill. Thermalene Gas for Cutting & Welding. For Generators for Producing Gas. 6,710; May 15.
Thommen's Inc., Philadelphia, Pa. Thommen's Inc. Originators of the Japanese Cake. For Cake. 6,845; July 31.
Thomsen, John H., doing business as Nesmoht Sales Co., Omaha, Nebr. "Evolution of the Idea." (For Advertising Purposes for Obstetrical Tables.) 6,554; Feb. 13.
Thomsen, John H., doing business as The Nesmoht Sales Company, Omaha, Nebr. The Stork Model Nesmoht Portable Obstetrical Table. For Nesmoht Portable Obstetrical Table. 6,702; May 8.
Thurman, Victor E., Tampa, Fla. We-Fone-U Stores. For Groceries. 6,927; Oct. 2.
Tide Water Oil Sales Corporation, New York, N. Y. Veedol 1923. For Oil. 6,673; Apr. 24.
Towle Manufacturing Co., Newburyport, Mass. Solid Silver Precious through the Ages. For Solid Silverware. 7,056; Dec. 4.
Towle Manufacturing Co., Newburyport, Mass. Solid Silver—Precious thro the Ages. For Solid Silverware. 7,086; Dec. 11.
Trail Moc Shoe Company, Saco, Me. Flexible Bend like birch boughs. For Shoes. 6,828; July 17.
Trail Moc Shoe Company, Saco, Me. Trail-Mocs. For Shoes. 6,904; Sept. 25.
Turn-Over-Toaster Company, Inc., New York, N. Y. T-O-T Turnover Gas Toaster. For Bread Toasters.
U. S. Oil Company, Providence, R. I. Fulling scouring Perfectol. For Greases for Treating Textile Fabrics. 6,674; Apr. 24.
Uihlein, Frederick, Cincinnati, Ohio. "Rubberland." (For Advertising Purposes for Tires.) 6,602; Mar. 6.
United Lace & Braid Manufacturing Co., Auburn, R. I. Mr. Beaded Tip. For Beaded-Tip Shoe Lacings. 6,743; May 29.
United States Bronze Powder Wks. Inc., New York, N. Y. Three Star Brands. For Bronze Powders. 6,876; Sept. 4.
Volta Co. of America, Inc., Philadelphia, Pa. Volta Powder. For Medicinal Preparation—Namely a Powder for the Treatment of Rheumatism. 6,675; Apr. 24. 6,817; July 10.
Vulcanized Rubber Company, Inc., The, Portland, Me., and New York, N. Y. Ajax Brand Perfection In Men's Dressing Combs. For Combs. 7,014; Nov. 20.
Ward Baking Company, New York, N. Y. My Life's Best Work. For Bread. 6,637; Apr. 3.
Ward Baking Company, New York, N. Y. Vitovim Twins. For Bread. 6,667; Apr. 17.
Watkins, R. L., Company, The, Cleveland, Ohio. Keeping your child's hair beautiful. For Mulsified Coconut-Oil Shampoo. 7,057; Dec. 4.
Watkins, R. L., Company, The, Cleveland, Ohio. Why proper shampooing makes your hair beautiful. For Mulsified Coconut-Oil Shampoo. 7,058; Dec. 4.
Watkins, R. L., Company, The, Cleveland, Ohio. Why you must have beautiful well-kept hair—to be attractive. For Mulsified Coconut-Oil Shampoo. 7,059; Dec. 4.
Watkins, R. L., Company, The, Cleveland, Ohio. The charm of beautiful hair. For Mulsified Coconut-Oil Shampoo. 7,060; Dec. 4.
Watkins, R. L., Company, The, Cleveland, Ohio. The secret of having beautiful hair. For Mulsified Coconut-Oil Shampoo. 7,061; Dec. 4.
Watson, Harry E., doing business as Automotive Battery Service Co., Richmond, Ind. Battery Service By The Year. For Electric Storage Batteries. 6,834; July 24.
Weber Tool, Die and Machine Company, Middletown, Ohio. Dim Brite. For Dimming Switch on Automobile Steering Wheels. 7,062; Dec. 4.
White Company, The, Cleveland, Ohio. White Trucks. For Motor Trucks. 6,711; May 15.
Whyt-E-Naml Specialty Co., Inc., The, New York, N. Y. Sany E Naml. For Enamel Fixtures. 6,952; Oct. 30.
Will & Baumer Candle Co. Inc., Syracuse, N. Y. Candles. For Candles. 6,944; Oct. 16.
Wilder & Company, Chicago, Ill. Wilder's Lion. For Half Soles and Strips. 6,835; July 24.
Williams, J. B., Company, The, Glastonbury, Conn. Williams' Doublecap Shaving Stick. For Shaving-Soap Sticks. 6,846; July 31.
Williams, J. B., Company, The, Glastonbury, Conn. Williams' Holder Top-Doublecap. For Shaving-Soap Sticks. 6,854; Aug. 7.
Williams, J. B., Company, The, Glastonbury, Conn. Williams' Shaving Cream. For Shaving Cream. 6,855; Aug. 7.
Williams, J. B., Company, The, Glastonbury, Conn. Williams' Holder Top. For Shaving-Soap Sticks. 6,856; Aug. 7.
Willson Goggles Inc., Reading, Pa. "Protection Goggles." (For Advertising Purposes for Goggles.) 6,603; Mar. 6.
Willys-Overland, Inc., Toledo, Ohio. "Willys-Knight Coupe-Sedan." (For Automobiles.) 6,629; Mar. 27.
Wilson, Allen J., Kansas City, Mo. Amortized Mortgages, What They Are and Why We Urge Them. For Amortized Mortgages. 6,818; July 10.
Winsor, Edward W., Farmingdale, N. J. "Winsor's White Dent." (For Advertising Purposes for Corn.) 6,555; Feb. 13.
Wiss, J., & Sons Co., Inc., Newark, N. J. Wiss Guarantee Tag. For Snips. 7,110; Dec. 25.
Wright's Underwear Company Inc., Troy and New York, N. Y. "Keep Warm on a Frozen Corner with This Underwear." (For Advertising Purposes for Adults' and Children's Underwear.) 6,575; Feb. 20.
Wright's Underwear Company, Inc., Troy and New York, N. Y. Selling Health and Common Sense. For Adults' and Children's Underwear. 6,729; May 22.
Yellow Cab Manufacturing Co., Chicago, Ill. "The Thinking Fellow Buys a Yellow." (For Advertising Purposes for Taxicabs.) 6,576; Feb. 20.
Yellow Cab Manufacturing Co., Chicago, Ill. "Yellow Cab—The Modern Cab." (For Advertising Purposes for Taxicabs.) 6,589; Feb. 27.
Zell, David H., Inc., New York, N. Y. "Re-Fillit." (For Advertising Purposes for Leather Memorandum Books.) 6,556; Feb. 13.

ALPHABETICAL LIST OF DISCLAIMERS.

Campbell, Harry E., New York, N. Y.; disclaimer filed by assignee, Campbell Metal Window Corporation. Metal window frame and sash. 1,222,358; disclaimer filed Dec. 27, 1922; v. 306; p. 245.

De Forest, Lee, New York, N. Y.; disclaimer filed by assignee, De Forest Radio Telephone & Telegraph Company. Oscillating-current generator. 1,201,270; disclaimer filed Dec. 29, 1922; v. 306; p. 483.

Errickson, John V., Scranton, Pa.; disclaimer filed by assignee, Columbia Graphophone Manufacturing Company. Method of and apparatus for making phonograph records. 1,307,812; disclaimer filed June 6, 1923; v. 312; p. 1.

Ferguson, George E., and Luis E. Eckelmann, New York, N. Y.; disclaimer filed by assignee, Pyrene Manufacturing Company. Fire-extinguishing agent. 1,421,436; disclaimer filed Aug. 24, 1923; v. 314; p. 175.

Gauger, Frank A., and Roy W. Johnson, Milwaukee, Wis.; disclaimer filed by the patentees and the assignee, Milwaukee Gas Specialty Co. Flash igniter. 1,417,510; disclaimer filed Aug. 1, 1923; v. 313; p. 451.

Gubelmann, William S., Buffalo, N. Y. Disclaimer filed by patentee. Adding and recording machine. 1,429,201; disclaimer filed May 8, 1923; v. 310; p. 979.

Hanson, Earl C., Washington, D. C.; disclaimer filed by assignee, Title Insurance & Trust Company. Telephone apparatus for the deaf. 1,343,717; disclaimer filed Sept. 24, 1923; v. 315; p. 609.

Hazard, George E., Rochester, N. Y. Disclaimer filed by the patentee and the assignee, Kellogg Manufacturing Co. Automobile-driven tire pump. 1,323,053; disclaimer filed June 22, 1923; v. 312; p. 185.

Johnson, Philip H., Old Charlton, England; disclaimer filed by assignee, Roadless Traction, Ltd. Means of suspension of vehicles. Re15,288; disclaimer filed Feb. 7, 1923; v. 307; p. 485.

Lemelin, George T., Springfield, Mass.; disclaimer filed by George T. Lemelin and Edward A. Menard, assignee of one-half interest. Spring oiler. 1,452,429; disclaimer filed Apr. 21, 1923; v. 310; p. 233.

Lightfoot, Edwin N., New York, N. Y.; disclaimer filed by assignee, The Cutler-Hammer Mfg. Co. Electric heater. 1,359,400; disclaimer filed Oct. 18, 1923; v. 316; p. 1.

Morell, George P., New York, N. Y.; disclaimer filed by assignee, Vitreous Enameling & Stamping Company, Inc. Washtub cover. 1,268,754; disclaimer filed Feb. 2, 1923; v. 307; p. 485.

Nelson, Alfred C., Lakewood, and Edgar J. Reilly, Youngstown, Ohio; disclaimer filed by assignee, The William B. Pollock Company. Hot-metal car. 1,438,661; disclaimer filed Aug. 18, 1923; v. 314; p. 175.

Parsons, Harry N., Chicago, Ill.; disclaimer filed by the assignee, U. S. Ball Bearing Manufacturing Co. Antifriction bearing. 1,420,339; disclaimer filed Mar. 12, 1923; v. 308; p. 660.

Simpson, Sumner, Bridgeport, Conn.; disclaimer filed by assignee, The Raybestos Company. Clutch facing. 1,270,559; disclaimer filed Oct. 3, 1923; v. 315; p. 609.

Slough, Frank M., Elyria, Ohio; disclaimer filed by assignee, Stromberg-Carlson Telephone Mfg. Co. Telephone system. 1,298,589; disclaimer filed Mar. 13, 1923; v. 308; p. 660.

Stevens, William C., Akron, Ohio; disclaimer filed by assignee, The Firestone Tire & Rubber Company. Tire-opening machine. 1,288,733; disclaimer filed Oct. 25, 1923; v. 316; p. 238.

Thomas, George B., Bridgeport, Conn.; disclaimer filed by assignee, The Bryant Electric Company. Candelabrum socket. 1,215,079; disclaimer filed Oct. 2, 1923; v. 316; p. 238.

Wiley, Roy R., Wallace K. Wiley, Buffalo, N. Y., and William S. Hough, jr., St. Catharines, Ontario, Canada; disclaimer filed by the assignee, Flexlume Corporation. Illuminated sign. 1,224,253; disclaimer filed Apr. 12, 1923; v. 310; p. 1.

Wilson, Robert E., Cambridge, Mass.; disclaimer filed by assignee, The Toledo Rex Spray Company. Manufacture of lead arsenate. 1,393,474; disclaimer filed May 24, 1923; v. 311; p. 5.

ALPHABETICAL LIST OF INVENTIONS

Abacus frame. A. J. Barber. 1,441,323; Jan. 9.
Abbreviating machine. A. Weltner. 1,471,637; Oct. 23.
Abdominal band. M. Miner. 1,454,330; May 8.
Abdominal band. A. Spilman. 1,477,918; Dec. 18.
Abdominal support. M. A. Keeler. 1,460,421; July 3.
Abdominal support. H. M. Pfaltzgraff. 1,469,687; Oct. 2.
Abdominal supporter. M. A. Fontaine. 1,450,953; Apr. 10.
Abdominal supporter. A. J. Freedenberg. 1,469,069; Sept. 25.
Abdominal supporter. I. B. Sinclair. 1,447,904; Mar. 6.
Abrading compound. C. F. Stephenson. 1,443,660; Jan. 30.
Abrading machine. F. W. Browning. 1,453,742; May 1.
Abrading machine. A. E. Culley. 1,450,251; Apr. 3.
Abrading or polishing machine. C. L. Mattison. 1,478,044; Dec. 18.
Abrading or polishing machine. C. L. Mattison. 1,478,575; Dec. 25.
Abrasion tests, Method and apparatus for making. J. C. Sproull. 1,476,775; Dec. 11.
Abrasive articles of manufacture and product, Making. F. J. Crupi. 1,468,960; Sept. 25.
Abrasive composition. H. M. Olson. 1,444,479; Feb. 6.
Abrasive device. W. C. Bohrmann. 1,469,404; Oct. 2.
Abrasive device. W. J. Hoberg. 1,452,738; Apr. 24.
Abrasive wheel, Segmental. W. W. Greenwood. 1,469,723; Oct. 2.
Absorber, Rebound. C. H. Lango. 1,451,227; Apr. 10.
Absorbing and purifying composition. J. C. Tate. 1,455,414; May 15.
Absorption and condensing apparatus. S. L. Tyler. 1,475,327; Nov. 27.
Absorption, reaction, and like column. L. Gay. 1,466,936; Sept. 4.
Absorptive material and producing the same. L. Wallerstein. 1,442,372; Jan. 16.
Accelerating attachment, Pedal-operated. E. R. Hadden. 1,444,117; Feb. 6.
Accelerator. T. M. Abraham. 1,470,419; Oct. 9.
Accelerator. F. W. and A. L. Gries. 1,475,111; Nov. 20.
Accelerator. C. Hammond and W. Inman. 1,461,774; July 17.
Accelerator. R. H. Hiatt. 1,444,185; Feb 6.
Accelerator. F. Mueller. 1,447,807; Mar. 6.
Accelerator. J. E. Taylor. 1,473,944; Nov. 13.
Accelerator. P. E. Vineyard. 1,466,608; Aug. 28.
Accelerator. P. J. Williams. 1,464,858; Aug. 14.
Accelerator, Auxiliary. F. T. Fridrich. 1,476,398–9; Dec. 4.
Accelerator, Auxiliary foot. J. Egan. 1,441,669; Jan. 9
Accelerator, Brake. W. Hildebrand. 1,449,002; Mar. 20.
Accelerator, Brake. W. Hildebrand. 1,461,846; July 17.
Accelerator, Duplex. F. P. Cooper. 1,441,663; Jan. 9.
Accelerator, Foot. A. M. Alexander. 1,453,651; May 1.
Accelerator, Foot. E. H. Birdsall. 1,459,317; June 19.
Accelerator, Foot. J. C. Heineke. 1,469,559; Oct. 2.
Accelerator, Foot. J. F. Linck. 1,465,400; Aug. 21.
Accelerator, Foot. O. A. Moldenhauer. 1,459,233; June 19.
Accelerator, Foot. E. W. Turner. 1,441,894; Jan. 9.
Accelerator foot throttle. H. L. Carnahan. 1,463,115; July 24.
Accelerator pad and heel rest, Combined. G. H. Rives. 1,441,453; Jan. 9.
Accelerator pedal. J. R. Mickelsen. 1,473,156; Nov. 6.
Accelerator pedal, Auxiliary foot. C. J. White. 1,441,765; Jan. 9.
Accelerator pedals, Foot rest for. G. M. McGinley. 1,468,571; Sept. 18.
Accelerators, Making vulcanization. P. I. Murrill. 1,453,515; May 1.
Account and like books, Protector covering for loose-leaf. C. H. Bull. 1,472,789; Nov. 6.
Accounting machine. J. V. Weckbaugh. 1,468,185; Sept. 18.
Accounting machines, Counter attachment for. N. C. Ovaitt. 1,464,683; Aug. 14.
Accounting sheet. F. W. Groby. 1,461,757; July 17.
Accounts and composing account books, Means for keeping. R. B. Matthews. 1,478,975; Dec. 25.
Accumulator, Hydraulic. J. Graham. 1,466,898; Sept. 4.
Accumulator, Silt. H. F. Kellner. 1,448,965; Mar. 20.
Acetaldehyde or acetic acid, Manufacture of. H. Plauson. 1,471,058; Oct. 16.
Acetic anhydride, Purifying. C. J. Strosacker and C. C. Schwegler. 1,467,074; Sept. 4.
Acetose, Manufacture of. J. O. Zdanowich. 1,445,382; Feb. 13.
Acetylene-gas generator. T. L. Bramblett. 1,476,484; Dec. 4.
Acetylene-generating apparatus. J. S. Noel. 1,447,396; Mar. 6.
Acetylene generator. W. B. Miller. 1,475,770; Nov. 27.
Acetylene generator. W. H. Sauter. 1,449,957; Mar. 27.
Acetylene generator, Portable. S. Plumley. 1,462,623; July 24.
Acetylene generators, Carbide holder for. A. F. Jenkins. 1,478,476; Dec. 25.
Acetylene producer. C. Wiedemann. 1,447,195; Mar. 6.
Acid and ferric sulphate, Making solutions containing sulphuric. E. S. Leaver. 1,477,965; Dec. 18.
Acid and intermediates, Making nitrobenzoic. E. A. Lloyd and V. P. Gershon. 1,458,715; June 12.
Acid and salts thereof, Making benzoic. E. O. Barstow. 1,463,190; July 31.
Acid bowls, Rake tooth for carbonizing. A. C. Sargent. 1,451,926; Apr. 17.
Acid by crystallization, Purification of commercial phosphoric. W. H. Ross, C. B. Durgin, and R. M. Jones. 1,451,786; Apr. 17.
Acid by means of the electric arc in a closed cycle, Obtaining nitric. W. Siebert. 1,462,052; July 17.
Acid by means of the electric arc, Producing nitric. W. Siebert. 1,462,987; July 24.
Acid, Chemical compound isopropylallybarbituric. E. Preiswerk. 1,444,802; Feb. 13.
Acid compounds, Making fatty. C. Ellis. 1,475,477; Nov. 27.
Acid concentrator. J. Patten. 1,473,122; Nov. 6.
Acid esters of trihalogentertiary butyl-alcohol, Nitrobenzoic. T. B. Aldrich. 1,451,357; Apr. 10.
Acid from crotonaldehyde, Manufacture of crotonic. T. Odinga. 1,445,544; Feb. 13.
Acid from nitrous gases, Obtaining pure nitric. W. Siebert. 1,472,343; Oct. 30.
Acid liquor, Purifying. F. C. Atkinson. 1,457,484; June 5.
Acid, Making 2-3 oxy-naphthoic. R. N. Wallach. 1,470,039; Oct. 9.
Acid, Making 2-naphthol 3-carboxylic. E. C. Shorey. 1,450,990; Apr. 10.
Acid, Manufacture of acetic. J. E. Haggenmacher. 1,463,209; July 31.
Acid, Manufacture of concentrated acetic. H. Howard. 1,463,212; July 31.
Acid, Manufacture of 1.4 naphthol sulphonic. J. Baddiley, J. B. Payman, and E. G. Bainbridge. 1,452,481; Apr. 17.
Acid, Manufacture of sulphuric. W. F. Lamoreaux. 1,456,065; May 22.
Acid, Manufacture of sulphuric. F. A. Rudolf and J. C. Ryder. 1,473,879; Nov. 13.
Acid, Method and apparatus for manufacturing sulphuric. T. R. Harney. 1,457,164; May 29.
Acid, Method of and means for producing pure liquid hydrocyanic. W. G. Dingle. 1,445,303; Feb. 13.
Acid, N-butyl esters of para-amino benzoic. R. Adams and E. H. Volwiler. 1,440,652; Jan. 2.
Acid, Preparing oxalic. G. Kolsky. 1,446,012; Feb. 20.
Acid, Process and apparatus for making sulfuric. W. F. Lamoreaux. 1,456,064; May 22.
Acid, Production of camphoric. W. T. Scheele. 1,458,992; June 19.
Acid, Production of phosphoric. S. Peacock. 1,468,741; Sept. 25.
Acid, Production of propionates and propionic. J. M. Sherman and R. H. Shaw. 1,470,885; Oct. 16.
Acid-proof container. R. T. Griffiths. 1,472,166; Oct. 30.
Acid, Purifying lactic. T. Hamburger. 1,459,395; June 19.
Acid, Purifying liquid hydrocyanic. M. J. Brown. 1,444,300; Feb. 6.
Acid receiver. P. L. Pfannenschmidt. 1,454,945; May 15.
Acid, Recovering oxalic. E. A. Barnes. 1,468,792; Sept. 25.
Acids from aqueous solutions thereof, Separating organic. E. Piron. 1,477,076; Dec. 11.
Acids from petroleum oils and producing the same, Water-soluble sulphonic. R. E. Humphreys, F. M. Rogers, and O. E. Bransky. 1,474,933; Nov. 20.
Acids of aromatic amines, Manufacture of orthosulphonic. J. Baddiley, J. B. Payman, and H. Wignall. 1,441,655; Jan. 9.
Acids of the arylides of 2.3-oxynaphthoic acid, Preparing sulphonic. O. Sohst. 1,477,014; Dec. 11.
Acids, Producing halogen. F. S. Low. 1,451,399; Apr. 10.
Acoustic apparatus. I. B. Crandall. 1,456,538; May 29.
Acoustic device. H. D. Brown. 1,453,969; May 1.
Acoustic instrument. A. Marr. 1,478,574; Dec. 25.
Acoustic instruments, Diaphragm for. H. L. Duncan. 1,442,215; Jan. 16.

Acoustic method and apparatus. R. A. Fessenden. 1,453,316; May 1.
Acoustic receiving apparatus. C. A. Culver. 1,474,242; Nov. 13.
Acoustic stylus mounting. F. Tuchfarber. 1,473,063; Nov. 6.
Acoustical instruments, Mounting for diaphragms for. A. C. Lescarboura and A. R. Bond. 1,446,911; Feb. 27.
Actuating device. W. D. Banes. 1,470,910; Oct. 16.
Actuating device and making same. E. J. Guay. 1,463,015; July 24.
Actuation of mechanisms, Method of and apparatus for automatic. E. E. Littlefield. 1,441,007; Jan. 2.
Adapter. H. P. Donle. 1,469,295; Oct. 2.
Adapter. G. W. Goodridge. 1,465,816; Aug. 21.
Adapter. T. J. Kerwin. 1,476,982; Dec. 11.
Adapter. L. Stendahl. 1,452,321; Apr. 17.
Adding and listing machine. H. Landsiedel. 1,449,009; Mar. 20.
Adding and substracting machines, Transfer mechanism for. R. Laupitz. 1,449,823; Mar. 27.
Adding and totaling machine, Transfer. T. K. Dixon, A. Klein, J. C. Cox, and G. R. Ghent. 1,454,108; May 8.
Adding, calculating and recording machine. A. F. W. Grogel and B. H. Tingley. 1,475,944; Dec. 4.
Adding, listing, and check-writing machines, Combined. I. Engstrom. 1,402,059; Jan. 16.
Adding machine. T. E. Cherry. 1,473,174; Nov. 6.
Adding machine. F. Collins. 1,458,642; June 12.
Adding machine. H. Landsiedel. 1,444,126; Feb. 6.
Adding machine. H. Landsiedel. 1,466,306; Aug. 28.
Adding machine. H. Landsiedel. Re15,723; Nov. 13.
Adding machine. H. Meredith-Jones. 1,458,141; June 12.
Adding machine. G. D. Sundstrand. 1,455,555; May 15.
Address plate and index card. C. E. Ellis. 1,472,057; Oct. 30.
Address plates, Drawer for. C. Chisholm. 1,448,197; Mar. 13.
Address plates, Means for feeding. C. Chisholm. 1,448,705; Mar. 13.
Addressing machine. C. Chisholm. 1,448,196; Mar. 13.
Addressing machine. C. Chisholm. 1,448,198; Mar. 13.
Addressing machine. G. J. Evans. 1,447,128; Feb. 27.
Addressing machine. R. B. Smart. 1,478,586; Dec. 25.
Addressing machine, Stencil-. P. F. Cox. 1,475,565; Nov. 27.
Addressing machines, Inking device for. C. Chisholm. 1,448,703; Mar. 13.
Addressing mechanism, Lister attachment for. J. S. Duncan and H. E. Hubbard. 1,443,170; Jan. 23.
Adhesive. O. Johnson. 1,460,757; July 3.
Adjustable automatic bolt. G. H. Hines. 1,449,997; Mar. 27.
Adjustable brace. W. Lemoigne. 1,460,593; July 3.
Adjustable bracket. A. W. Bendlin. 1,460,697; July 3.
Adjustable clamp. R. H. Linville. 1,441,935; Jan. 9.
Adjustable construction. M. Ozlek. 1,474,981; Nov. 20.
Adjustable coupling. A. R. O'Brien. 1,446,351; Feb. 20.
Adjustable frame. E. Hintz. 1,446,900; Feb. 27.
Adjustable gate. E. E. Anson. 1,458,794; June 12.
Adjustable gate. R. T. Rolfe. 1,455,356; May 15.
Adjustable gauge. J. Bath. 1,477,531; Dec. 18.
Adjustable gauge. J. Bath. 1,478,541; Dec. 25.
Adjustable gauge. J. Bath and W. E. Gray. 1,476,681; Dec. 11.
Adjustable joint. W. H. Bovard. 1,449,140–1; Mar. 20.
Adjustable reel. H. Weber. 1,451,131; Apr. 10.
Adjustable screen. H. P. Ravn. 1,466,060; Aug. 28.
Adjustable seat. J. S. Burdick. 1,444,024; Feb. 6.
Adjustable seat. N. Hansen. 1,442,664; Jan. 16.
Adjustable seat. W. C. Lister. 1,460,721; July 3.
Adjustable wrench. C. A. Dies. 1,471,837; Oct. 23.
Adjustable wrench. C. A. Dies. 1,475,755; Nov. 27.
Adjustable wrench. O. E. Edstrom. 1,440,381; Jan. 2.
Adjustable wrench. O. E. Edstrom. 1,459,583; June 19.
Adjustable wrench. F. C. Hacheney. 1,461,875; July 17.
Adjustable wrench. J. H. Pickard. 1,441,372; Jan. 9.
Adjustable wrench. K. G. Tell. 1,456,290; May 22.
Adjusting device. J. H. Stern. 1,465,065; Aug. 14.
Adjustment device. L. Ottinger. 1,448,035; Mar. 13.
Advance-order device. D. Woronzoff. 1,459,351; June 19.
Advertisement, Flaming. J. de Elorza. 1,458,526; June 12.
Advertisements, Apparatus for displaying. W. Mannowski. 1,457,666; June 5.
Advertisements, calendars, and pictures, Mounting for. H. L. Gulline. 1,459,052; June 19.
Advertising and display device. T. Wilkinson. 1,448,549; Mar. 13.
Advertising and educational purposes, Display device for. R. Padilla. 1,458,073; June 5.
Advertising and the like display device. J. F. Ryan. 1,478,402; Dec. 25.
Advertising apparatus. A. Angel. 1,465,753; Aug. 21.
Advertising apparatus. W. H. Snider. 1,472,692; Oct 30.
Advertising box, Folding. F. X. List. 1,453,849; May 1.
Advertising chair. G. E. Button. 1,441,911; Jan. 9.
Advertising device. E. C. Allen. 1,443,201; Jan. 23.
Advertising device. A. S. Aloe. 1,466,107; Aug. 28.
Advertising device. R. L. Beselin. 1,447,749; Mar. 6.
Advertising device. F. R. Chester. 1,458,050; June 5.
Advertising device. T. G. Craver. 1,453,755; May 1.
Advertising device. O. R. Gillogly. 1,466,222; Aug. 28.
Advertising device. S. A. Gleason. 1,477,117; Dec. 11.
Advertising device. W. S. C. Glover. 1,462,745; July 24.
Advertising device. W. G. Hammack and F. F. Horne. 1,448,625; Mar. 13.
Advertising device. J. H. Hammond, jr. 1,458,180; June 12.
Advertising device. W. P. Hartsock. Des. 62,865; Aug. 14.
Advertising device. I. Heidenreich. 1,442,271; Jan. 16.
Advertising device. G. E. Herlihy. 1,464,099; Aug. 7.
Advertising device. B. E. Jarvis. 1,467,937; Sept. 11.
Advertising device. C. L. Kee. 1,471,665; Oct. 23.
Advertising device. C. B. Kirkpatrick. 1,476,984; Dec. 11.
Advertising device. J. E. Koehler and R. Paul. 1,451,877; Apr. 17.
Advertising device. S. B. Langham. 1,447,873; Mar. 6.
Advertising device. W. J. Le Vie. 1,443,919; Jan. 30.
Advertising device. W. J. Le Vie. 1,472,222; Oct. 30.
Advertising device. D. G. Maxwell. 1,472,733; Oct. 30.
Advertising device. M. J. Ryan and G. F. Jones. 1,441,245; Jan. 9.
Advertising device. P. Sarrey and N. H. Hudson. 1,470,936; Oct. 16.
Advertising device. C. R. Steely. 1,471,810; Oct. 23.
Advertising device. L. H. Sterner, H. M. Landroth, and M. E. Sterner. 1,452,396; Apr. 17.
Advertising device. H. W. Sumner. 1,460,619; July 3.
Advertising device. A. F. Ward. 1,455,179; May 15.
Advertising device. A. E. Whitmore. 1,455,949; May 22.
Advertising device. W. C. Williams. 1,449,207; Mar. 20.
Advertising device. N. Winkler. 1,446,680; Feb. 27.
Advertising device. T. R. Wiwi. 1,466,327; Aug. 28.
Advertising device. W. D. Wright. 1,471,303; Oct. 16.
Advertising device and temporary savings bank, Combined. R. D. Knight. 1,456,133; May 22.
Advertising device and twine holder, Combined. J. L. Orr. 1,456,825; May 29.
Advertising device, Commodity. C. S. Clark. 1,466,422; Aug. 28.
Advertising device or toy. J. S. Curwen. 1,475,430; Nov. 27.
Advertising display device. J. W. Alstott. 1,475,041; Nov. 20.
Advertising frame. F. Newhouse. 1,470,866; Oct. 16.
Advertising machine. H. M. Cheek. 1,475,540; Nov. 27.
Advertising machine, One-story moving-display. R. E. Hinchey. 1,465,304; Aug. 21.
Advertising-matter display frame. A. A. West. Des. 62,094; Mar. 13.
Advertising medium. C. S. Grasett and A. T. Clark. 1,440,916; Jan. 2.
Advertising purposes, Display device for. O. B. Carson. 1,477,241; Dec. 11.
Advertising stand. W. C. Carlson. Des. 62,544; June 19.
Advertising tower. S. M. Taylor and A. D. Osborn. 1,446,629; Feb. 27.
Aerial advertising device. A. Hortz. 1,478,034; Dec. 18.
Aerial device. G. Ackman, jr. 1,441,261; Jan. 9.
Aerial machines, Propeller for. R. Leparmentier. 1,455,442; May 15.
Aerial navigating apparatus. M. Hollander. 1,454,283; May 8.
Aerial projection, Apparatus for. M. Schiesari. 1,450,263; Apr. 3.
Aerial propelling machine. S. V. Cortés. 1,460,948; July 3.
Aerial railway for amusement purposes. A. Davino and F. P. Schoberle. 1,455,390; May 15.
Aerial train. W. E. Ikerman. 1,451,830; Apr. 17.
Aerial transport, System of. G. Bennie. 1,459,495; June 19.
Aerial vehicle. A. Seydel. 1,451,346; Apr. 10.
Aerial vehicles, Controlling device for. K. Stahl. 1,455,820; May 22.
Aerial vessels, Parachute for. L. E. Atkinson. 1,465,835; Aug. 21.
Aeronautical motor. C. B. Kirkham. 1,465,989; Aug. 28.
Aeronautical propeller. S. A. Reed. 1,463,556; July 31.
Aeroplane. T. H. Bell and J. G. Schoenleber. 1,454,828; May 8.
Aeroplane. G. Bess. 1,451,415; Apr. 10.
Aeroplane. M. B. Boyd. 1,444,058; Feb. 6.
Aeroplane. A. V. Broquist. 1,443,973; Feb. 6.
Aeroplane. J. Chochol and M. Dykas. 1,455,427; May 15.
Aeroplane. E. L. Crozier. 1,471,327; Oct. 23.
Aeroplane. J. W. Endean. 1,443,982; Feb 6.
Aeroplane. H. G. Farmer. 1,478,211; Dec. 18.
Aeroplane. L. Ferrari. 1,470,275; Oct. 9.
Aeroplane. H. Frey. 1,457,222; May 29.
Aeroplane. E. L. Goodin. 1,459,882–3; June 26.
Aeroplane. G. Hamel. 1,463,694; July 31.
Aeroplane. L. Jacoby. 1,462,410; July 17.
Aeroplane. J. S. and M. L. Johnston. 1,449,860; Mar. 27.
Aeroplane. T. Lonuzzo. 1,478,284; Dec. 18.
Aeroplane. E. E. Nichols. 1,461,700; July 10.
Aeroplane. L. Nordquist. 1,453,230; Apr. 24.
Aeroplane. R. V. Norris. 1,440,489; Jan. 2.
Aeroplane. J. Schram. 1,478,183; Dec. 18.

Aeroplane. E. Schumacker and G. Raimond. 1,475,322; Nov. 27.
Aeroplane. J. E. M. Seale. 1,476,730; Dec. 11.
Aeroplane. H. B. Shields. 1,468,329; Sept. 18.
Aeroplane. R. B. Smith. 1,446,522; Feb. 27.
Aeroplane. S. O. Trescott. 1,468,933; Sept. 25.
Aeroplane. J. Trunko. 1,478,270; Dec. 18.
Aeroplane. W. Welsh. 1,442,110; Jan. 16.
Aeroplane. C. A. Wragg. Re15,555; Mar. 6.
Aeroplane. W. D. Wright. 1,442,506; Jan. 16.
Aeroplane and aerofoil, Vertical-rising. F. Newbauer. 1,446,718; Feb. 27.
Aeroplane assuring automatically the lateral and longitudinal stability. J. Dehouck. 1,452,071; Apr. 17.
Aeroplane block for take-off stands. J. W. Beasley, jr. 1,440,812; Jan. 2.
Aeroplane, Captive. G. E. Montague. 1,443,375; Jan. 30.
Aeroplane construction. M. Bonsiakos. 1,457,871; June 5.
Aeroplane control. R. E. Mitton. 1,470,998; Oct. 16.
Aeroplane flying machines and other aircraft, Construction of wings and like parts of. H. O. Short. 1,445,454–5; Feb. 13.
Aeroplane flying machines and other aircraft, Wing and like member constructed of metal for. H. O. Short. 1,451,059; Apr. 10.
Aeroplane, Gun-equipped. S. Motta. 1,466,143; Aug. 28.
Aeroplane gun mounting. J. P. Ball. 1,451,197; Apr. 10.
Aeroplane or the like. L. Blériot. 1,441,056; Jan. 2.
Aeroplane propeller. A. Nuanes. 1,456,008; May 22.
Aeroplane race game. A. E. Jones. 1,451,511; Apr. 10.
Aeroplane safety appliance. F. J. Matoushek. 1,452,348; Apr. 17.
Aeroplane superchargers, Control system for. E. W. Rice, jr. 1,476,418; Dec. 4.
Aeroplane suspension. H. A. Crawford. 1,453,307; May 1.
Aeroplane swing. H. G. Traver. 1,473,980; Nov. 13.
Aeroplane wing. J. M. H. Jacobs. 1,452,641; Apr. 24.
Aeroplane wings or planes and the like, Manufacture of a coating for cloths for. K. Kawashima. 1,469,839; Oct. 9.
Aeroplanes and for other purposes, Armor for gasoline tanks of. N. W. Burgess. 1,463,498; July 31.
Aeroplanes and the like, Propelling device for. P. K. Ruckel. 1,444,643; Feb. 6.
Aeroplanes, Arming of. J. J. M. A. E. Schneider. 1,461,833; July 17.
Aeroplanes, Automatic stabilizer for. H. A. Petrie. 1,475,869; Nov. 27.
Aeroplanes, dirigibles, balloons, and the like, Metal propeller for. T. Middleton. 1,454,977; May 15.
Aeroplanes, dirigibles, balloons, and the like, Stopping and landing mechanism for. J. H. Cruickshank. 1,451,493; Apr. 10.
Aeroplanes, Elevating plane for. J. F. H. de V. Vandevelde. 1,472,103; Oct. 30.
Aeroplanes, Landing attachment for. W. E. Lawn. 1,444,926; Feb. 13.
Aeroplanes, Landing carriage for. G. W. Kadel. 1,463,471; July 31.
Aeroplanes, Landing gear for. E. W. Rounds. 1,451,117; Apr. 10.
Aeroplanes, Launching device for. E. L. Goodin. 1,459,884; June 26.
Aeroplanes, Rudder and elevator assembly for. O. T. Belcher. 1,452,060; Apr. 17.
Aeroplanes, Safety appliance for. J. Radon. 1,464,339; Aug. 7.
Aeroplanes, seaplanes, and like aerial machines, Construction of wings of. B. Thomson. 1,472,199; Oct. 30.
Aeroplanes, Servo-motor for. M. M. Titterington. 1,472,257; Oct. 30.
Aeroplanes, Speed indicator for. E. W. Rounds. 1,444,886; Feb. 13.
Aeroplanes, Trip-recording compass for. J. L. Klemme. 1,464,943; Aug. 14.
Aeroplanes, Wing connection for. C. F. Willard. 1,441,319; Jan. 9.
Agar-agar composition and producing the same. C. Matsuoka. 1,453,848; May 1.
Agitating device. T. J. Putnam. 1,456,147; May 22.
Agitating machine. A. Marrazzo. 1,463,626; July 31.
Agitator. A. C. Daman and T. J. Pennington. 1,445,935; Feb. 20.
Agitator. C. Field. 1,452,966; Apr. 24.
Agitator. J. R. Fish. 1,447,653; Mar. 6.
Agitator. E. S. Leinan. 1,460,493; July 3.
Agitator. J. J. Mojonnier and H. R. Phillips. 1,476,996; Dec. 11.
Agitator. T. Mojonnier. 1,457,848; June 5.
Agitator. K. Weidlich. 1,454,199; May 8.
Agitator and sampler, Combination. L. Sturges. 1,454,300; May 8.
Agitators, Driving mechanism for. A. H. Alberger. 1,450,660; Apr. 3.
Agricultural fork. J. Degendorfer. 1,462,787; July 24.
Agricultural implement. W. D. Dewend. 1,472,209; Oct. 30.
Agricultural implement. W. D. Dewend. 1,476,879; Dec. 11.
Agricultural implement. L. L. Dubois. 1,467,894; Sept. 11.
Agricultural implement. E. M. Heylman. 1,453,565; May 1.
Agricultural implement. M. H. Jahn. 1,458,655; June 12.
Agricultural implement. H. Peterson. 1,463,485; July 31.
Agricultural implement. W. L. Skinner and J. J. King. 1,475,455; Nov. 27.
Agricultural implement. L. Uriga. 1,472,102; Oct. 30.
Agricultural implement, Motor-propelled. J. B. Bartholomew. 1,449,139; Mar. 20.
Agricultural implement, Soil-shedding. W. H. Ledbetter. 1,445,148; Feb. 13.
Agricultural-implement wheel. J. F. Wagner. 1,444,224; Feb. 6.
Agricultural implements, Means for coupling. H. Ferguson. 1,464,130; Aug. 7.
Agricultural implements, Power drive unit for. H. L. Schneider. 1,463,097; July 24.
Agricultural implements, Self-lift for. H. F. Towner. 1,452,855; Apr. 24.
Agricultural implements, Shifting strap for. S. H. Phelps. 1,467,685; Sept. 11.
Agricultural machine. A. T. Brown. 1,450,140; Apr. 10.
Agricultural machine. W. McKennitt. 1,453,631; May 1.
Agricultural machine. J. E. Mullen. 1,452,697; Apr. 24.
Agricultural machine. C. B. Rowland. 1,464,541; Aug. 14.
Agricultural machine, Motor. A. T. and C. S. Brown. 1,449,648; Mar. 27.
Aim-practicing apparatus. W. G. Paterson. 1,456,191; May 22.
Air accumulator. F. Kemper. 1,458,209; June 12.
Air-agitating tube for refrigerating systems. R. F. Lindsay and R. H. Hemphill. 1,442,410; Jan. 16.
Air and fuel control, Mechanism for. E. G. Shortt. 1,442,632; Jan. 16.
Air and gases, Filter for. H. Klug. 1,443,134; Jan. 23.
Air and gases from water, System for removing. R. N. Ehrhart. 1,463,158; July 31.
Air and other gaseous mixtures, Separating the constituents of. H. N. Davis. 1,471,832; Oct. 23.
Air and the like, Filtering apparatus for. S. J. Marx. 1,454,248; May 8.
Air, Apparatus for cleaning. G. H. Nobbs. 1,460,976; July 3.
Air, Apparatus for cooling. F. R. Ellis. 1,471,112; Oct. 16.
Air, Apparatus for humidifying. L. E. Vignon. 1,461,840; July 17.
Air, Apparatus for rectification of. H. N. Davis. 1,471,833; Oct. 23.
Air bag. J. H. Smith. 1,440,751; Jan. 2.
Air brake. W. S. Arleskie. 1,471,815; Oct. 23.
Air brake. G. D. and L. W. Breck and J. Schmauss. 1,464,640; Aug. 14.
Air brake. H. L. Cullison. 1,458,033; June 5.
Air brake. E. P. Scholes. 1,472,497; Oct. 30.
Air-brake apparatus. S. G. Neal. 1,459,853; June 26.
Air-brake apparatus. S. G. Neal. 1,478,832; Dec. 25.
Air brake, Frictionless. S. Giovannini. 1,454,887; May 15.
Air brake, Load-controlled. B. Haskell. 1,452,199; Apr. 17.
Air-brake mechanism. L. G. Black. 1,461,025; July 10.
Air brake, power control, and alarm system, Combination automatic and manually-operable. A. L. Ruthven. 1,470,107; Oct. 9.
Air-brake system. J. H. Drew. 1,449,737; Mar. 27.
Air-brake systems, Automatic safety control for. L. F. Hellmann and W. W. Baxter. 1,459,098; June 19.
Air-brake systems, Safety attachment for. R. A. Carlson. 1,445,002; Feb. 13.
Air by boiler feed water or other liquid, Method of and apparatus preventing the absorption of. D. B. Morison. 1,455,927; May 22.
Air chamber, Nonpuncturing. H. Nicolardot. 1,467,557; Sept. 11.
Air-circulating system. R. Kramer. 1,456,699; May 29.
Air circulator. A. G. Scherer. 1,473,648; Nov. 13.
Air cleaner. A. C. Bennett. 1,461,174; July 10.
Air cleaner. A. C. Bennett. 1,464,741; Aug 14.
Air cleaner. J. L. Milton. 1,471,565; Oct. 23.
Air-cleaning device. E. S. Thompson. 1,447,160; Feb. 27.
Air-compressing means. J. C. Coulombe. 1,468,282; Sept. 18.
Air compression, System of. J. Aalto. 1,443,198; Jan. 23.
Air compressor. D. C. Baker. 1,456,089; May 22.
Air compressor. W. J. Kreimer. 1,451,834; Apr. 17.
Air compressor. L. Poccia. 1,473,314; Nov. 6.
Air compressor, Hydraulic. G. D. Warren. 1,441,900; Jan. 9.
Air compressor, Jet-operated. G. McKerahan. 1,469,364; Oct. 2.
Air compressor, Rotary. J. O. Carrey. 1,475,683; Nov. 27.
Air compressors, Lubricator for. J. L. Buchmann. 1,476,390; Dec. 4.
Air compressors, Regulator for. R. G. Dyson. 1,475,757; Nov. 27.
Air condenser, Electrical. R. C. Lewis. 1,478,342; Dec. 18.
Air-conditioning apparatus. L. L. Lewis. 1,458,985; June 19.

Alphabetical list of inventions—Continued.

Air conditioning or humidifying and heating system. L. L. Lewis. 1,455,846; May 22.
Air cooler. G. R. Evans. 1,470,156; Oct. 9.
Air, Cooling. A. Messer. 1,462,177; July 17.
Air-cooling system. S. H. Lawson. 1,448,071; Mar. 13.
Air coupler, Automatic. C. Barnhart. 1,471,231; Oct. 16.
Air coupling. G. D. Bevis. 1,449,261; Mar. 20.
Aircraft. C. S. Hall. 1,449,098–100; Mar. 20.
Aircraft. C. S. Hall. 1,471,656; Oct. 23.
Aircraft. A. Klemin. 1,442,155; Jan. 16.
Aircraft. C. J. Lake. 1,469,796; Oct. 9.
Aircraft. E. Molloy and E. S. Jenkins. 1,442,169; Jan. 16.
Aircraft. F. J. Morse. 1,455,801; May 22.
Aircraft and the like, Automatic stabilizer for. A. T. Vance. 1,465,500; Aug. 21.
Aircraft and the like, Control for. H. M. Franzen. 1,457,024; May 29.
Aircraft armament. C. Davis. 1,446,000; Feb. 20.
Aircraft, Balancing system for. J. P. Tarbox. 1,464,784; Aug. 14.
Aircraft, Bomb-throwing device for. O. Wilcke. 1,454,990; May 15.
Aircraft car. P. Jaray. 1,474,529; Nov. 20.
Aircraft condenser. D. M. Ramsay. 1,476,541; Dec. 4.
Aircraft covering and making same. O. J. Laisy. 1,445,894; Feb. 20.
Aircraft, Fairlead or guide for the control cables of. S. T. Williams. 1,453,426; May 1.
Aircraft fitting. C. W. Hall. 1,463,888; Aug. 7.
Aircraft fuselage, Ambulance. A. V. Verville. 1,446,528; Feb. 27.
Aircraft, Fuselage construction for. V. E. Clark, 1,462,533; July 24.
Aircraft, Inflating mechanism for. H. T. Kraft. 1,475,304; Nov. 27.
Aircraft landing-gear-cord clamp. S. P. Lyon. 1,458,212; June 12.
Aircraft landing indicator. R. Courtois-Suffit. 1,450,431; Apr. 3.
Aircraft landing station. E. C. Hanson. 1,446,385; Feb. 20.
Aircraft machine guns, Fire-control means for. D. G. Edwards. 1,466,951; Sept. 4.
Aircraft, Metallic structure for. C. Dormier. 1,458,645; June 12.
Aircraft, Movable hangar for large. I. I. Eremeeff. 1,470,557; Oct. 9.
Aircraft, Multiple control system for multimotored. J. A. Christen. 1,454,505; May 8.
Aircraft of the helicopter type, System of propellers with differential twist between the propellers for. R. P. Pescara. 1,467,648; Sept. 11.
Aircraft propeller. C. S. Hall. 1,470,163; Oct. 9.
Aircraft propeller. E. G. McCauley. 1,458,213; June 12.
Aircraft, Propelling device for. H. E. Hawes. 1,461,733; July 17.
Aircraft, Propulsion of. G. Fornaca. 1,466,394; Aug. 28.
Aircraft, Reenforced fabric for. M. T. Brush. 1,442,323; Jan. 16.
Aircraft, Safety device for. J. T. Parr. 1,447,425; Mar. 6.
Aircraft, Searchlight for the guidance or detection of. E. A. Sperry. 1,459,902; June 26.
Aircraft, Sighting device for. O. Mackensen. 1,449,526–7; Mar. 27.
Aircraft, Speedometer for. S. M. Fairchild. 1,449,387; Mar. 27.
Aircraft, submarine, torpedo, and other totally-immersed craft or structure. A. P. Thurston. 1,466,551; Aug. 28.
Aircraft, Tail skid for. R. K. Pierson and T. S. Duncan. 1,472,086; Oct. 30.
Aircraft the elevation above the ground, Method of and system for determining from an. O. Gerhardt. 1,468,018; Sept. 18.
Aircraft, Variable-camber aerofoil for. F. B. H. Beadle. 1,457,955; June 5.
Aircraft-wheel housing. J. M. Williams, jr. 1,446,531; Feb. 27.
Aircraft, Wireless direction-finding means for and piloting. H. R. C. Van de Velde and J. M. Furnival. No. 1,454,592; May 8.
Air deflector. J. E. Knapp. 1,444,191; Feb. 6.
Air device, Auxiliary. V. C. Randall and J. E. McGinley. 1,473,317; Nov. 6.
Air, Device for carbureting. V. E. Haas. 1,441,277; Jan. 9.
Air diffuser. A. Friedman and A. F. Knowles. 1,447,776; Mar. 6.
Air-dispensing device. C. B. Fry. 1,461,389; July 10.
Air drill, Compressed-. G. P. Gomez. 1,470,074; Oct. 9.
Air-feed device. E. M. Perfect. 1,467,249; Sept. 4.
Air filter. A. Budil. 1,456,360; May 22.
Air filter. L. L. Dollinger. 1,457,351; June 5.
Air-flask joint. J. J. Moore. 1,474,375; Nov. 20.
Air from liquefied gases, Apparatus for generating respirable. L. Lisse. 1,459,158; June 19.
Air furnace. Hot-. D. A. Brunett. 1,444,163; Feb. 6.
Air-gauged filler vent. E. B. Rose. 1,466,483; Aug. 28.
Air hammer, Valveless. J. E. Hagstrom. 1,462,961; July 24
Air heater. E. J. Ellison. 1,440,867; Jan. 2.
Air heater. B. S. Harrison. 1,462,339; July 17.
Air heater. R. L. Manier. 1,466,182; Aug. 28.
Air heater. B. B. Olsen. 1,463,484; July 31.
Air heater. F. Pokorny, jr. 1,451,471; Apr. 10.
Air heating and impregnating apparatus. O. Pascale. 1,476,461; Dec. 4.
Air impeller or propeller. G. M. Capell. 1,467,227; Sept. 4.
Air-inlet device. J. H. Loggins. 1,460,550; July 3.
Air jack. J. S. Gilday. 1,473,034; Nov. 6.
Air, Machine for filtering compressed. C. B. Parker. 1,450,561; Apr. 3.
Air, Method and apparatus for cooling and cleaning. J. J. Preble and L. H. Parker. 1,457,087; May 29.
Air-mixing device. H. Wehr and J. G. Pineau. 1,477,988; Dec. 18.
Air moistener. C. E. Sallada. 1,458,549; June 12.
Air-moistening apparatus. G. F. Jackson. 1,441,425; Jan. 9.
Air motor. I. Glanschnig. 1,464,070; Aug. 7.
Airplane. J. M. Arrowood. 1,459,942; June 26.
Airplane. W. Calagains. 1,475,790; Nov. 27.
Airplane. H. Coakley. 1,453,830; May 1.
Airplane. H. L. Coffin. 1,471,243; Oct. 16.
Airplane. J. J. Curran. 1,443,812; Jan. 30.
Airplane. F. R. Maxwell, jr. 1,456,643; May 29.
Airplane. D. R. McCullough. 1,454,479; May 8.
Airplane. C. Rheden. 1,440,413; Jan. 2.
Airplane. J. S. Sabey. 1,465,868; Aug. 21.
Airplane. W. B. Stout. 1,443,100; Jan. 23.
Airplane. W. B. Stout. 1,464,670; Aug. 14.
Airplane. F. B. Voracek. 1,451,352; Apr. 10.
Airplane. S. S. Whipps. 1,449,476; Mar. 27.
Airplane. H. A. Zettel. 1,463,917; Aug. 7.
Airplane construction. M. C. Baumann. 1,476,438; Dec. 4.
Airplane landing indicator. A. J. Macy. 1,475,075; Nov. 20.
Airplanes, Means to maintain a suitable pressure in the liquid-fuel-storage tanks of. A. C. E. Rateau. 1,471,417; Oct. 23.
Airplanes, Parachute for. V. B. Carll. 1,475,792; Nov. 27.
Airplanes, Vertical-control device for. B. W. Bloomquist. 1,468,772; Sept. 25.
Air power, Ocean compressed-. C. N. Hare. 1,470,361; Oct. 9.
Air propeller. C. Dornier. 1,461,866; July 17.
Air propeller. C. Dornier. 1,467,537; Sept. 11.
Air propeller. M. Hollander. 1,466,901; Sept. 4.
Air or other fluids, Ejecting apparatus for exhausting. R. N. Ehrhart. 1,447,014; Feb. 27.
Air or other fluids, Ejector apparatus for exhausting. R. N. Ehrhart. 1,449,220; Mar. 20.
Airplane construction, Clip for. W. T. Thomas. 1,443,155; Jan. 23.
Airplane engines and the like, Means and method for starting. J. Bijur. 1,457,687; June 5.
Airplane engines, Radiator for. E. T. Curran. 1,452,958; Apr. 24.
Airplane, Fighting. W. L. Gilmore. 1,445,135; Feb. 13.
Airplane in flight, Device for catching mail and fuel by an. S. W. Kolczewski. 1,458,710; June 12.
Airplane-propelling mechanism. G. W. Gosline. 1,443,572; Jan. 30.
Airplane-rib construction. J. W. Rapp and J. Vanorio. 1,453,114; Apr. 24.
Airplane starting and landing device. F. H. Kinyoun. 1,478,747; Dec. 25.
Airplane strut. M. W. Mix. 1,446,761; Feb. 27.
Airplanes, Adjustable pitch propeller for. S. W. Carter. 1,455,990; May 22.
Airplanes, etc., Precision instrument for. I. A. Weaver. 1,460,627; July 3.
Airplanes, Gas engine for. J. Whitcomb. 1,466,321; Aug. 28.
Airplanes, Landing gear for. J. A. Roché. Re15,656; July 17.
Airplanes, Reduction gear for. O. Pomilio. 1,441,114; Jan. 2.
Airplanes, Safety device for. T. H. Furman. 1,463,464; July 31.
Airplanes, Synchronized machine gun for. O. A. Ross. 1,454,137; May 8.
Airplanes, Variable-pitch propeller for. C. L. Parker. Re15,638; June 26.
Air purifier. J. F. M. Patitz. 1,444,384; Feb. 6.
Air-release device. W. A. E. Maddock. 1,460,027; June 26.
Airscrews or propellers, Production of metal. H. Leitner. 1,457,844; June 5.
Air separator. R. M. Gay. 1,457,110; May 29.
Air separator. W. A. Gibson and C. E. Needham. 1,460,960; July 3.
Air separator. J. A. Paasche. 1,461,045; July 10.
Air separator. T. J. Sturtevant. 1,470,892; Oct. 16.
Airship. J. Erhardt. 1,474,517; Nov. 20.
Airship. W. Link. 1,472,076; Oct. 30.
Airship. J. G. Lukacs. 1,454,059; May 8.
Airship. J. Neff, sr. 1,459,742; June 26.
Airship. D. Smith. 1,473,744; Nov. 13.
Airship. C. A. Snider. 1,466,732; Sept. 4.
Airship. J. P. Thurell. 1,468,584; Sept. 18.
Airship. R. H. Upson. 1,475,210; Nov. 27.

Airship. O. F. Zahn. 1,447,584; Mar. 6.
Airship. R. M. zu Lynar Passy de Chimang. 1,478,382; Dec. 25.
Airship and airplane, Combination. W. F. Carter. 1,446,334; Feb. 20.
Airship and the like. R. H. Upson. 1,445,424; Feb. 13.
Airship, Dirigible. H. A. Goetz. 1,451,503; Apr. 10.
Airship, Dirigible. J. N. Lewis. 1,447,559; Mar. 6.
Airship driving mechanism. P. G. Zimmerman. Re15,550; Feb. 27.
Airship turn and transfer table. H. A. F. Abt. 1,446,440; Feb. 27.
Airships and making same, Fabric for. H. A. Gardner. 1,449,748; Mar. 27.
Airships and the like, Skeleton frame construction for. K. Arnstein. 1,456,497; May 29.
Airships, Gas duct in. L. Dürr. 1,459,878; June 26.
Airships, Housing method for. L. Lemm. 1,465,246; Aug. 14.
Airships, Mooring gear for. G. H. Scott. 1,448,089; Mar. 13.
Airships, Mooring mast and mooring gear for. G. H. Scott. 1,448,088; Mar. 13.
Airships, Stabilizer for dirigible. J. N. Lewis. 1,447,558; Mar. 6.
Air spring. F. D. Cats. 1,445,486; Feb. 13.
Air spring. F. S. Church. 1,475,049; Nov. 20.
Air spring. V. V. Van Nattan and C. R. Gray. 1,474,656; Nov. 20.
Air standard. H. Hilferink. 1,475,397; Nov. 27.
Air supply, Auxiliary. A. Boone. 1,457,207; May 29.
Air-supply-control device. S. D. Green. 1,447,415; Mar. 6.
Air, Treating. A. B. Lamb. 1,442,619; Jan. 16.
Air-tube post. F. Kostlan. 1,446,648; Feb. 27.
Air-vent attachment. O. E. Beckman. 1,447,057; Feb. 27.
Air vent for containers having pumps. H. E. Tunnell. 1,475,038; Nov. 20.
Air vent, Humidifying. A. Ramsey. 1,464,110; Aug. 7.
Air vessels, Ballast bag for. F. F. Kruckenberg. 1,454,589; May 8.
Air washer. P. S. Tice. 1,449,635; Mar. 27.
Air washer and filter. H. Ford. 1,465,500; Aug. 28.
Air washing and conditioning apparatus. J. I. Lyle and L. L. Lewis. 1,475,639; Nov. 27.
Air washing and cooling apparatus. P. A. Dennon. 1,453,494; May 1.
Aisle light. C. F. Butte. 1,459,440; June 19.
Alarm: *See*—
Automatic alarm.
Automobile alarm.
Automobile burglar alarm.
Automobile theft alarm.
Brake alarm.
Burglar alarm.
Door-knob alarm.
Drip-pan alarm.
Fire alarm.
Knob alarm.
Overflow alarm.
Temperature alarm.
Theft alarm.
Tire alarm.
Vehicle alarm.
Alarm apparatus, Burglar-. B. Galerman. 1,452,500; Apr. 24.
Alarm lock. G. Gesmundo. 1,456,689; May 29.
Alarm mechanism. J. M. Butcher. 1,478,169; Dec. 18.
Alarm switch. P. A. Friel. 1,466,431; Aug. 28.
Alarm system. W. C. Roe. 1,468,328; Sept. 18.
Alarm system. Burglar and like. S. G. Adams. 1,442,508; Jan. 16.
Album. J. Rodgers. 1,451,474; Apr. 10.
Albumenous animal waste for the preparation of human food, Treatment of. P. Hildebrandt. 1,472,331; Oct. 30.
Albumin containing medicinal and immunizing substances, Solution of. J. K. Zeissler. 1,472,316; Oct. 30.
Albuminous animal waste, Treating. P. Hildebrandt. 1,442,339; Jan. 16.
Alcohol, Absolute. J. Schneible. 1,469,447; Oct. 2.
Alcohol containing sulphurous impurities, Purification of methyl. W. Elsner. 1,450,147; Mar. 27.
Alcohol, Dehydration of. H. E. Buc. 1,455,072; May 15.
Alcohol, Ester of substituted amino propyl. W. Schulemann, L. Schütz, and K. Meisenburg. 1,474,567; Nov. 20.
Alcohol-flame intensifier. A. M. Rawls. 1,453,519; May 1.
Alcohol from galactose, Making ethyl. E. C. Sherrard. 1,454,521; May 8.
Alcohol production. J. Van Ruymbeke. 1,459,699; June 19.
Alcohol production. J. Van Ruymbeke. 1,474,216; Nov. 13.
Alcoholic liquid, Process and apparatus for the manufacture of nonpotable. F. de M. Accioly. 1,453,374; May 1.
Alcohols, Producing terpenic. R. L. Andreau. 1,478,690; Dec. 25.
Aldehyde ammonia, Manufacture of. H. W. Matheson. 1,450,983; Apr. 10.
Aldehydes, Apparatus for use in the manufacture of. E. J. Winter. 1,454,609; May 8.
Aldehydes, Making condensation products of aliphatic. H. W. Matheson. 1,450,984; Apr. 10.
Alkali and chemicals, Manufacture of. K. P. McElroy. 1,466,628; Aug. 28.
Alkali and heat resistant insulation. G. A. Burr, J. R. McClain, and L. E. Frost. 1,448,386; Mar. 13.
Alkali cellulose, Preparing. P. C. Seel. 1,469,824; Oct. 9.
Alkali-earth-metal permanganates, Production of. R. E. Wilson, L. W. Parsons, and S. L. Chisholm. 1,453,562; May 1.
Alkali-metal product and producing the same. H. W. Charlton and R. N. Shreve. 1,452,185; Apr. 17.
Alkali-metal salts from brines, Recovering. C. E. Dolbear. 1,466,353; Aug. 28.
Alkali-metal silicates, Manufacture of. C. Deguide. 1,463,037; July 24.
Alkalies from impure lyes, Recovery of pure. K. Heinemann. 1,453,132; Apr. 24.
Alkaloids, Manufacture of. A. Stoll. 1,447,400; Mar. 6.
Alkyl derivatives of organic compounds, Preparing. E. Theimer. 1,475,522; Nov. 27.
Alkyl esters, Manufacturing. H. F. Willkie. 1,478,498; Dec. 25.
Alloy. F. M. Becket. 1,461,643; July 10.
Alloy. H. S. Cooper. 1,461,178; July 10.
Alloy. H. S. Foote. 1,446,497; Feb. 27.
Alloy. A. S. Hyman. 1,455,531; May 15.
Alloy. H. C. Kirk and G. H. Dumler. 1,455,589; May 15.
Alloy. O. Najacht. 1,468,828; Sept. 25.
Alloy. A. O'Rourke. 1,448,571; Mar. 13.
Alloy. C. Pack. 1,449,052; Mar. 20.
Alloy. A. Schroetter. 1,468,407; Sept. 18.
Alloy. J. C. Stone. 1,442,742; Jan. 16.
Alloy. C. S. Videon. 1,449,154; Mar. 20.
Alloy. C. J. Zaiser. 1,452,232; Apr. 17.
Alloy, Acid-resisting. A. W. Clement. 1,473,208; Nov. 6.
Alloy, Air-hardening steel. W. F. Finkl. 1,464,174; Aug. 7.
Alloy, Aluminum-base. R. S. Archer and Z. Jeffries. 1,472,739–40; Oct. 30.
Alloy and its production, Bronze. P. Ostendorf. 1,457,288; May 29.
Alloy and making it, Aluminum-silicon. J. D. Edwards. 1,453,928; May 1.
Alloy and making same. J. W. Bramwell. 1,446,332; Feb. 20.
Alloy and making same. A. B. Norton. 1,453,254; Apr. 24.
Alloy and making the same. F. T. McCurdy. 1,449,338; Mar. 20.
Alloy and mercury dispenser. I. A. Burnett. 1,462,954; July 24.
Alloy and treating it, Aluminum-base. R. S. Archer and Z. Jeffries. 1,472,738; Oct. 30.
Alloy, Copper and zinc. P. Ostendorf. 1,457,289; May 29.
Alloy, Corrosion-resistant. W. J. Beck and J. A. Aupperle. 1,449,373; Mar. 27.
Alloy knife hardening or tempering. T. B. Lashar. 1,454,387; May 8.
Alloy, Making an alloying. W. Bennett. 1,441,479; Jan. 9.
Alloy, Producing a rustless iron. W. Bennett. 1,458,568; June 12.
Alloy, Readily-fusible. A. de W. Mulligan. 1,452,750; Apr. 24.
Alloy, Resistance. J. H. White. 1,445,253; Feb. 13.
Alloy steel and articles made therefrom. P. A. E. Armstrong. 1,468,937; Sept. 25.
Alloy steel, Heat-treated stable-surface. P. A. E. Armstrong. 1,456,088; May 22.
Alloy, Tungsten. A. Pacz. 1,468,073; Sept. 18.
Alloys and of refining metals and alloys, Preparing metallic. H. C. Hall. 1,458,290; June 12.
Alloys, Casting light-metal. W. R. Veazey and E. C. Burdick. 1,476,192; Dec. 4.
Alloys in the form of paste or sludge, Apparatus for the electrolytic production of metallic. B. Leech. 1,461,276; July 10.
Alloys, Making acid-proof. R. Walter. 1,444,891; Feb. 13.
Alloys Manufacture of lead. W. Mathesius. 1,447,143; Feb. 27.
Alloys, Producing a protective coating on objects of magnesium or magnesium. C. B. Backer. 1,451,755; Apr. 17.
Almond-blanching machine. J. Frank and J. D. Pirtle. 1,458,695; June 12.
Almond bleacher and sulphur feeder. A. M. Fowler and W. H. Caulfeild. 1,471,597; Oct. 23.
Almond huller. L. L. Miller. 1,477,761; Dec. 18.
Almond-separating apparatus. A. R. Stephen. 1,444,570; Feb. 6.
Almond separator. A. R. Stephen. 1,443,658; Jan. 30.
Almonds, Treating. G. W. Pierce. 1,465,829; Aug. 21.
Alpha-naphthylamine, Production of. S. P. Miller. 1,451,666; Apr. 10.
Altimeter. E. Chaussard. 1,443,005; Jan. 23.
Aluminous abrasive and making the same. H. A. Richmond and R. Macdonald, jr. 1,467,590; Sept. 11.
Aluminous abrasives, Manufacturing. T. B. Allen. 1,448,586; Mar. 13.
Aluminous materials, Treating. E. Moldenke. 1,457,787; June 5.
Aluminum chloride, Apparatus for the manufacture of. F. W. Hall. 1,468,632; Sept. 25.
Aluminum, Compound for cleaning. C. M. Hemen. 1,456,486; May 22.
Aluminum hydrate sludge, Treatment of. C. W. Souder. 1,445,917; Feb. 20.

Aluminum or its alloys for electroplating, Preparing. H. D. Cunningham. 1,457,149; May 29.
Amalgam carrier and plugger. G. Holtz. 1,469,004; Sept. 25.
Amalgamating mill. D. L. Penrod. 1,464,293; Aug. 7.
Amalgamator. A. Ferguson. 1,476,808; Dec. 11.
Amalgamator. W. C. McLaughlin. 1,451,099; Apr. 10.
Amalgamator and separator. C. Meyer and H. B. Meade. 1,469,007; Sept. 25.
Amalgamator, Centrifugal. R. J. Butler. 1,452,181; Apr. 17.
Amalgamator, Centrifugal. H. C. Taber. 1,457,560; June 5.
Amalgamator support. H. W. Richards. 1,457,635; June 5.
Ambulance, Automobile. G. E. Vatter. 1,446,488; Feb. 27.
Ambulances, Cot-retaining device for. D. Denning. 1,477,815; Dec. 18.
Amino compounds, Manufacture of aromatic. O. W. Brown and C. O. Henke. 1,456,969; May 29.
Ammeter. F. W. Kaisling, jr. 1,471,849; Oct. 23.
Ammonia and producing same, Catalyzer for the synthetic manufacture of. I. W. Cederberg. 1,452,027; Apr. 17.
Ammonia and recovering acid as alkali-metal salts, Oxidizing. F. Bensa. 1,458,969; June 19.
Ammonia and salts of certain carbon acids, Production of. K. P. McElroy. 1,466,626; Aug. 28.
Ammonia at very high pressures, Method of and apparatus for the direct synthesis of. G. Claude. 1,448,387; Mar. 13.
Ammonia, Catalytic apparatus for the synthesis of. L. Casale. 1,478,549–50; Dec. 25.
Ammonia from cyanide, Purifying the residue obtained in producing. C. T. Thorssell and H. L. R. Lundén. 1,453,210; Apr. 24.
Ammonia from gases containing the same, Recovery of. H. Wiederhold and C. Ehrenberg. 1,459,703; June 19.
Ammonia into ammonium chloride, Conversion of. C. Bosch, E. Dehnel, and C. Kircher. 1,453,060; Apr. 24.
Ammonia liquor, Evaporating. F. F. Marquard and C. W. Littler. 1,455,299; May 15.
Ammonia, Making aldehyde. H. W. Matheson. 1,456,702; May 29.
Ammonia-making process, Self-regulating. L. Casale. 1,447,123; Feb. 27.
Ammonia, Manufacture of. I. W. Cederberg. 1,476,283; Dec. 4.
Ammonia, Recovery of. L. E. Doty. 1,457,877; June 5.
Ammonia sulphate, Manufacture of. P. Parrish. 1,467,193; Sept. 4.
Ammonia synthesis and catalyst therefor. J. C. Clancy. 1,454,599; May 8.
Ammonia-synthesis autoclave. E. H. Arnold and W. T. Wakeford. 1,463,280; July 31.
Ammonia, Utilization of. J. F. Wait. 1,452,009; Apr. 17.
Ammonia with oxygen, Apparatus and method for carrying out catalytic oxidation of. I. W. Cederberg. 1,452,145; Apr. 17.
Ammonium nitrate and aluminum hydroxide, Producing. A. Foss and T. Mejdell. 1,464,984; Aug. 14.
Ammonium perchlorates, Manufacture of. R. A. Long. 1,453,984; May 1.
Ammonium picramate, Manufacturing. W. M. Dehn. 1,472,791; Nov. 6.
Ammunition, Rim-fire. H. D. Hodge. 1,460,013; July 3.
Amphitheater or stadium. A. B. Randall. 1,444,360; Feb. 6.
Amplifier. H. I. Becker. 1,457,814; June 5.
Amplifier. A. Benoit, J. L. Mathieu, and H. H. Duchesne. 1,468,437; Sept. 18.
Amplifier. A. Benoit, J. L. Mathieu, and H. H. Duchesne. 1,469,876; Oct. 9.
Amplifier. E. A. Lefebre. 1,453,879; May 1.
Amplifier. R. P. Silverthorn. 1,461,685; July 10.
Amplifier circuits, Multistage. E. O. Scriven. 1,459,419; June 19.
Amplifier, Vacuum-tube. H. D. Arnold. 1,465,332; Aug. 21.
Amplifying apparatus, Selective. M. I. Pupin. 1,452,933; Apr. 24.
Amplifying device. J. H. Weber. 1,477,614; Dec. 18.
Amplifying or otherwise indicating small mechanical effects, Method or means for. E. S. Heurtley. 1,458,098; June 5.
Amplifying receiver. H. G. and J. S. Leach. 1,474,973; Nov. 20.
Amplifying system. C. W. Rice. 1,477,898; Dec. 18.
Amusement apparatus. M. Higuchi. 1,454,968; May 15.
Amusement apparatus. A. Hulsmann. 1,467,934; Sept. 11.
Amusement apparatus. P. A. Lalle and C. F. Fowler. 1,450,669; Apr. 3.
Amusement apparatus. P. A. Lalle and C. F. Fowler. 1,474,335; Nov. 13.
Amusement apparatus. H. F. Maynes. 1,461,322; July 10.
Amusement apparatus. S. W. Shepherd. 1,473,522; Nov. 6.
Amusement apparatus. M. and H. Stoehrer. 1,478,979; Dec. 25.
Amusement apparatus. W. S. Tothill. 1,465,067; Aug. 14.
Amusement apparatus or machine. H. P. and T. Jackson. 1,477,498; Dec. 11.
Amusement appliance. W. J. MacDonald, F. R. Blaney, and E. M. MacDonald. 1,459,474; June 19.
Amusement device. A. H. Bechtol and W. A. Tratsch. 1,454,947; May 15.
Amusement device. F. L. Brissey. 1,445,477; Feb. 13.
Amusement device. F. Czerny. 1,441,404; Jan. 9.
Amusement device. W. H. Dickinson. 1,440,661; Jan. 2.
Amusement device. J. A. Fisher. 1,454,273; May 8.
Amusement device. A. Friedrich. 1,464,201; Aug. 7.
Amusement device. W. C. Hadley. Re15,629; June 19.
Amusement device. O. B. Hunter. 1,450,634; Apr. 3.
Amusement device. J. Irsch and J. Markey. 1,458,884; June 12.
Amusement device. E. A. Lezert. 1,448,306; Mar. 13.
Amusement device. A. W. Marmon. 1,473,914; Nov. 13.
Amusement device. H. G. Moulder. 1,463,290; July 31.
Amusement device. A. E. Nafe. 1,441,940; Jan. 9.
Amusement device. S. C. Nagle. 1,444,636; Feb. 6.
Amusement device. H. N. Ridgway. 1,466,963; Sept. 4.
Amusement device. H. N. Ridgway. 1,476,922; Dec. 11.
Amusement device. R. Schafer. 1,447,895; Mar. 6.
Amusement device. H. and M. Stoehrer. 1,467,959; Sept. 11.
Amusement device. E. A. Terry. 1,445,369; Feb. 13.
Amusement device. D. Tusco. 1,461,075; July 10.
Amusement device. M. Unger. 1,454,775; May 8.
Amusement device. V. V. Van Nattan and J. M. Paris. 1,475,975; Dec. 4.
Amusement device. J. W. Weaver. 1,468,984; Sept. 25.
Amusement device. W. Williams. 1,454,991; May 15.
Amusement device. G. Zint. 1,447,458; Mar. 6.
Amylase and making same, Preparation of active animal. R. Kern and G. Jenny. 1,444,250; Feb. 6.
Anæsthesia, Apparatus for producing local. F. J. Fabret. 1,476,699; Dec. 11.
Anæsthetic compound. E. H. Volwiler and R. Adams. 1,476,934; Dec. 11.
Anæsthetics, Apparatus for preparing. L. Steiner. 1,469,608; Oct. 2.
Anatomical support. W. W. Froeschle. 1,460,957; July 3.
Anchor. G. Begas. 1,449,082; Mar. 20.
Anchor. F. J. Jackson. 1,459,768; June 26.
Anchor. G. H. James. 1,462,342; July 17.
Anchor. F. B. Pardey. 1,470,185; Oct. 9.
Anchor. P. A. Peterson. 1,453,177; Apr. 24.
Anchor. N. D. Powell. 1,451,109; Apr. 10.
Anchor. N. D. Powell. 1,451,370; Apr. 10.
Anchor. W. W. Wilkison. 1,474,458; Nov. 20.
Anchor, Decoy. R. M. Hill. 1,461,617; July 10.
Anchor plate. E. and W. H. Clark. 1,461,308; July 10.
Anchor, Rail. H. P. McFarland. 1,447,622; Mar. 6.
Anchor, Stockless. G. H. James. 1,464,364; Aug. 7.
Anchorage unit. G. Kohler and C. B. Smith. 1,474,154; Nov. 13.
Anchorages, Providing. A. W. Malone. 1,449,236; Mar. 20.
Anchoring device. H. C. Mahon. 1,455,641; May 15.
Anchoring device. R. S. Peirce. 1,468,074; Sept. 18.
Andiron. O. P. Muller and A. P. Popoff. Des. 63,139; Oct. 16.
Anglecock, Self-locking. R. E. McGahey. 1,450,811; Apr. 3.
Angle drill. S. E. Lorenz. 1,471,343; Oct. 23.
Angle-iron machine. W. M. Schneider. 1,453,953; May 1.
Angle-lath-cutting machine. F. J. Brekelmans. 1,463,791; Aug. 7.
Angle meter. L. B. Babcock. 1,444,444; Feb. 6.
Angle table, Combination. B. M. Swanson. 1,466,810; Sept. 4.
Anhydrite a substance which sets in the presence of water, Obtaining from. R. Hennicke. 1,442,406; Jan. 16.
Anhydrous aluminum chloride, Regeneration of. G. R. Steuart. 1,464,373; Aug. 7.
Anhydrous magnesium chloride, Manufacturing a composition containing. I. Namari. 1,473,966; Nov. 13.
Animal casings, Shrinking. E. G. James. 1,476,204; Dec. 4.
Animal dip and insect trap. D. H. Womack. 1,473,532; Nov. 6.
Animal figure or similar article. L. Charteris. Des. 62,475; June 12.
Animal hopple. J. W. Priest. 1,460,919; July 3.
Animal poke. J. Bolf. 1,446,959; Feb. 27.
Animal-releasing device. M. Jagielski. 1,469,791; Oct. 9.
Animal-shearing plant. W. A. Stephenson. 1,449,561; Mar. 27.
Animal tissues, Machine for washing edible. H. B. Buckham. 1,475,929; Dec. 4.
Animal trap. F. A. Ariens and W. A. Wagner. 1,443,334; Jan. 30.
Animal trap. W. E. Baker. 1,472,423; Oct. 30.
Animal trap. R. L. Baldwin. 1,463,787; Aug. 7.
Animal trap. J. C. Bauman. 1,453,615; May 1.
Animal trap. L. S. Bender. 1,471,090; Oct. 16.
Animal trap. J. Bolf. 1,452,355; Apr. 17.
Animal trap. B. W. Booth. 1,467,832; Sept. 11.
Animal trap. C. A. Champlin. 1,462,739; July 24.
Animal trap. S. H. Coleman. 1,442,252; Jan. 16.
Animal trap. B. Connolly. 1,464,697; Aug. 14.

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Animal trap. W. Cooper. 1,474,406; Nov. 20.
Animal trap. F. H. Crago. 1,464,748; Aug. 14.
Animal trap. R. Cratty. 1,442,385; Jan. 16.
Animal trap. W. Dewey. 1,445,203; Feb. 13.
Animal trap. F. F. Ellis. 1,443,705; Jan. 30.
Animal trap. T. J. Ellison. 1,453,342; May 1.
Animal trap A. J. Fall. 1,472,210; Oct. 30.
Animal trap. W. A. Gibbs. 1,458,286; June 12.
Animal trap. W. B. Gilmore. 1,473,847; Nov. 13.
Animal trap. M. Gnoinsky. 1,464,358; Aug. 7.
Animal trap. J. Gottwald and A. Posler. 1,456,733; May 29.
Animal trap. J. D. Gravolet and A. Ansardi. 1,459,661; June 19.
Animal trap. M. L. Greenstreet and W. Day. 1,463,163; July 31.
Animal trap. A. Gufier. 1,472,217; Oct. 30.
Animal trap. L. Haege. 1,454,998; May 15.
Animal trap. W. T. Harmon. 1,460,199; June 26.
Animal trap. K. Harried. 1,456,377; May 22.
Animal trap. R. Heddle and R. Qua. 1,464,872; Aug. 14.
Animal trap. T. M. Hovell. 1,453,795–6; May 1.
Animal trap. R. G. Howard. 1,451,223; Apr. 10.
Animal trap. P. Kayaukluk. 1,464,429; Aug. 7.
Animal trap. A. Krol. 1,459,027; June 19.
Animal trap. H. Lane. 1,441,985; Jan. 9.
Animal trap. L. J. La Valle. 1,459,897; June 26.
Animal trap. W. La Valley. 1,470,453; Oct. 9.
Animal trap. L. Melero. 1,471,047; Oct. 16.
Animal trap. J. A. Mertz and F. Priestley. 1,446,715; Feb. 27.
Animal trap. A. Miller. 1,444,934; Feb. 13.
Animal trap. O. H. Moen. 1,456,929; May 29.
Animal trap. B. Parker. 1,441,998; Jan. 9.
Animal trap. K. Pearson. 1,463,091; July 24.
Animal trap. F. H. Phillips. 1,475,871; Nov. 27.
Animal trap. A. N. Pietrok. 1,457,670; June 5.
Animal trap. J. W. Primrose. 1,461,288; July 10.
Animal trap. C. Reusser. 1,443,929; Jan. 30.
Animal trap. J. Schoonhoven. 1,463,846; Aug. 7.
Animal trap. J. P. Schuckman. 1,461,681; July 10.
Animal trap. M. Schuetz. 1,454,015; May 1.
Animal trap. J. W. Sharp. 1,440,560; Jan. 2.
Animal trap. M. Shutoff. 1,459,267; June 19.
Animal trap. D. P. Stark and G. A. Higbee. 1,464,453; Aug. 7.
Animal trap. J. R. Wilson. 1,456,415; May 22.
Animal trap. P. Wirum. 1,443,244; Jan. 23.
Animal trap. E. L. Ziola. 1,455,131; May 15.
Animal-trap attachment. H. M. Marshall. 1,473,242; Nov. 6.
Ankle and arch support, Fashioned. A. Posner. 1,465,233; Aug. 14.
Ankle supporter. A. Quenzer. 1,478,253; Dec. 18.
Anklet and arch retainer. F. H. Jensen. 1,477,357; Dec. 11.
Annealing and apparatus used therein. F. Twyman. 1,457,883; June 5.
Annealing apparatus. B. M. Walpole. 1,472,702; Oct. 30.
Annealing bottom. W. Rawley. 1,474,607; Nov. 20.
Annealing box. I. F. Lehman. 1,460,855; July 3.
Annealing-box bottom. I. F. Lehman. 1,476,526; Dec. 4.
Annealing box, Cast-metal. E. C. Rauschenberg. 1,461,555; July 10.
Annealing furnace. E. G. Helander. 1,471,659; Oct. 23.
Annealing furnace or leer. W. A. Amsler. 1,453,116; Apr. 24.
Annealing mastic pipe. G. Monrath. 1,476,828; Dec. 11.
Annealing metal plates, Process and apparatus for locally. R. S. Smith and R. Stresau. 1,446,354; Feb. 20.
Annealing sheet iron. J. A. Smail. 1,453,411; May 1.
Annunciator or indicator system. S. Katz. 1,466,448; Aug. 28.
Anode. A. P. Manning. 1,467,060; Sept. 4.
Anode and carrier therefor. H. L. Haas. 1,478,853; Dec. 25.
Anode for forming percompounds. G. Baum. 1,477,099; Dec. 11.
Ant poison. L. S. Baker. 1,450,128; Mar. 27.
Ant trap. J. W. Pollock. 1,464,394; Aug. 7.
Antenna selector switch. A. Crossley. 1,458,466; June 12.
Antenna system. W. T. Booth and W. A. Boyd. 1,464,168; Aug. 7.
Anthracene press cake, Purifying. H. D. Gibbs. 1,456,848; May 29.
Anthraquinone and its derivatives, Purifying. F. W. Atack. 1,451,745; July 17.
Anthraquinone and phthalic anhydride, Manufacturing. H. D. Gibbs. 1,444,068; Feb. 6.
Anthraquinone from a sulphonation mass, Recovering residual. A. E. Barnard. 1,474,507; Nov. 20.
Antiaircraft shell. R. A. Willson. 1,464,192; Aug. 7.
Anticreeper. J. R. Steele. 1,473,652; Nov. 13.
Antifreeze composition. F. W. Sperr, jr. 1,473,327; Nov. 6.
Antiglare and weather shield, Combined. H. Clark. 1,473,599; Nov. 6.
Antiglare attachment. A. F. Caskey. 1,477,312; Dec. 11.
Antiglare device. C. Stephens. 1,462,946; July 24.
Antiknock substance with a motor-fuel mixture, Method and means for incorporating an. F. E. Aseltine. 1,467,222; Sept. 4.
Antimony, Direct recovery of metallic. A. Germot. 1,475,294; Nov. 27.
Antiparasitic selecting system. L. Levy. 1,466,841; Sept. 4.
Antirattler. T. W. Titus. 1,460,456; July 3.
Antirattler. F. G. Withrow and H. O. Van Antwerp. 1,461,549; July 10.
Antirattling device. C. B. Daugherty. 1,477,248; Dec. 11.
Antirattling device. C. J. Soss. 1,450,927; Apr. 10.
Antirust composition. C. C. Howe and S. W. Libby. 1,457,169; May 29.
Antiskid attachment for wheels. T. M. Avery. 1,468,097; Sept. 18.
Antiskid chain. W. H. Baumeister. 1,478,420; Dec. 25.
Antiskid chain. E. H. Coe. 1,468,280; Sept. 18.
Antiskid chain. R. N. Doerres and W. W. McGee. 1,467,927; Sept. 11.
Antiskid chain. B. J. Duehr. 1,463,681; July 31.
Antiskid chain. E. P. Elzey. 1,445,305; Feb. 13.
Antiskid chain. I. P. Engle. 1,475,478; Nov. 27.
Antiskid chain. C. F. Fisher. 1,470,069; Oct. 9.
Antiskid chain. E. A. Portzer. 1,460,803; July 3.
Antiskid chain. J. A. Sincell. 1,458,107; June 5.
Antiskid chain. W. B. Terry. 1,455,178; May 15.
Antiskid chain. H. E. Twitchell. 1,450,314; Apr. 3.
Antiskid-chain-anchoring means, Spoke-engaging. G. P. MacIntosh. 1,452,886; Apr. 24.
Antiskid chain and attaching means therefor. A. P. Schein. 1,440,630; Jan. 2.
Antiskid-chain hook. H. E. Detwiler. 1,471,835; Oct. 23.
Antiskid-chain hook. G. B. N. Dow and F. P. Ham. 1,463,071; July 24.
Antiskid-chain-securing device. M. Dean. 1,478,323; Dec. 18.
Antiskid-chain tightener. W. A. Stanley. 1,443,769; Jan. 30.
Antiskid chains, Connector link for. J. P. Mentzer. 1,472,805; Nov. 6.
Antiskid chains, Cross chain for. C. A. Mousseau. 1,467,188; Sept. 4.
Antiskid chains, Device for securing and tightening. A. Gilbertson. 1,475,065; Nov. 20.
Antiskid device. J. F. Baxa. 1,466,082; Aug. 28.
Antiskid device. C. J. Campbell and D. O'Neill. 1,466,270; Aug. 28.
Antiskid device. M. Dean. 1,469,312; Oct. 2.
Antiskid device. H. C. Grayhill. 1,467,579; Sept. 11.
Antiskid device. M. Green. 1,468,382; Sept. 18.
Antiskid device. W. Kalman. 1,476,716; Dec. 11.
Antiskid device. M. J. La Riviere. 1,450,779; Apr. 3.
Antiskid device. C. F. A. Nuebling. 1,459,685; June 19.
Antiskid device. A. J. Parkhurst. 1,448,859; Mar. 20.
Antiskid device. H. St. Pierre. 1,467,114; Sept. 4.
Antiskid device. O. C. Schaefer. 1,460,504; July 3.
Antiskid device for shod animals. J. Torchia. 1,449,796; Mar. 27.
Antiskid device for vehicles. J. W. Burton. 1,445,485; Feb. 13.
Antiskid device for vehicles. W. H. Krug. 1,453,360; May 1.
Antiskid device for vehicle wheels. A. J. Borst, jr. 1,461,378; July 10.
Antiskid device for vehicle wheels. R. Denault. 1,466,995; Sept. 4.
Antiskid devices for vehicle wheels, Tread section for. J. R. Reyburn. 1,461,327; July 10.
Antiskid shoe. R. F. Hall. 1,476,606; Dec. 4.
Antiskid-wheel-chain construction. I. A. Weaver. 1,472,448; Oct. 30.
Antiskidding device. J. H. Anthon. 1,447,004; Feb. 27.
Antiskidding device. M. J. Davis. 1,440,660; Jan. 2.
Antiskidding device. N. C. Doss. 1,477,042; Dec. 11.
Antiskidding device. T. L. Everett. 1,474,518; Nov. 20.
Antiskidding device. C. L. Oczkowski. 1,463,060; July 24.
Antiskidding device. H. R. Patriarche. 1,467,647; Sept. 11.
Antiskidding device, Adjustable. H. Summerfield. 1,456,473; May 22.
Antiskidding device for motor vehicles. J. R. Scott. 1,459,418; June 19.
Antislip composition. F. A. Johnson. 1,458,828; June 12.
Antislip device. W. J. Moffatt. 1,455,924; May 22.
Antitheft identification marking. J. Reckleff and W. Rosenberg. 1,443,383; Jan. 30.
Antitheft lock. P. Donzero. 1,477,432; Dec. 11.
Antitoxin and making the same, Clarified serum. R. R. Henley. 1,475,580; Nov. 27.
Apartment with disappearing bed. H. B. Littlefield. 1,443,582; Jan. 30.
Aperture sight. T. P. Eustege. 1,476,806; Dec. 11.
Apparel and the like, Fastening for wearing. S. R. Littlejohn. 1,440,688; Jan. 2.
Apparel, Fastening device for wearing. S. Rivelis. 1,462,049; July 17.
Apparel impervious to acids and poisonous gases and making same, Wearing. C. D. Abraham and G. L. Schwartz. 1,468,791; Sept. 25.
Apple corer. A. M. Anderson and W. W. Abitz. 1,448,652; Mar. 13.
Apple-preparing machine. E. E. Gay. 1,451,571; Apr. 10.

Applicator brush. J. A. Rayder. 1,445,911; Feb. 20.
Apron. R. Achilli. 1,470,341; Oct. 9.
Apron. W. R. Glassbrenner. 1,474,415; Nov. 20.
Apron. G. F. Greene. 1,451,095; Apr. 10.
Apron. A. M. Hifner. 1,459,101; June 19.
Apron. S. Spero. 1,464,546; Aug. 14.
Apron, Protective. M. S. Hulley. 1,478,962; Dec. 25.
Aquarium. C. B. Collamer, now by change of name C. B. Brolliar. 1,444,367; Feb. 6.
Aqueous nitric acid by means of sulphuric acid, Concentrating. W. Siebert. 1,474,647; Nov. 20.
Arbor, Collapsible. J. T. Stoney. 1,442,104; Jan. 16.
Arbor construction. N. Roach. 1,440,494; Jan. 2.
Arbor, Expanding. W. W. Tuttle. 1,467,821; Sept. 11.
Arbor, Expanding. A. Urquhart. 1,464,551; Aug. 14.
Arbor support. E. J. Lees. 1,453,470; May 1.
Arbor, Winding. C. D. Dallas. 1,466,121; Aug. 28.
Arc circuits, Constant-current dynamotor for individual. J. A. Holifield. 1,468,159; Sept. 18.
Arc-current generator, Self-regulating. J. A. Holifield. 1,468,155; Sept. 18.
Arc-forming device, Circular. R. F. Lafler. 1,448,848; Mar. 20.
Arc-preventing device. J. Clossmann and H. Halberstadt. 1,471,240; Oct. 16.
Arc projectors, Means for maintaining the focus of. P. R. Bassett. 1,466,419; Aug. 28.
Arc-welding apparatus. J. A. Holifield. 1,468,156; Sept. 18.
Arc-welding apparatus. J. A. Holifield. 1,468,158; Sept. 18.
Arc-welding machine, Electric-. J. W. Fay. 1,446,170; Feb. 20.
Arc welding, Self-regulating motor-generator set for. J. A. Holifield. 1,468,154; Sept. 18.
Arch and ankle support. H. A. Bernstein. 1,441,907; Jan. 9.
Arch, Entrance. W. W. Paine. Des. 62,641; July 10.
Arch support. J. Abramowitz. 1,467,630; Sept. 11.
Arch support. W. N. Barrett. 1,464,841; Aug. 14.
Arch support. A. and I. Bernat. 1,456,758; May 29.
Arch support. E. S. Cleveland and G. G. Leffingwell. 1,465,970; Aug. 28.
Arch support. C. L. Craine. 1,470,618; Oct. 16.
Arch support. M. R. Crossman. 1,459,015; June 19.
Arch support. F. H. Jensen. 1,443,844; Jan. 30.
Arch support. B. Jeschke. 1,469,417; Oct. 2.
Arch support. R. P. O'Donnell. 1,476,915; Dec. 11.
Arch support. H. C. Pfister. 1,477,383; Dec. 11.
Arch support. W. N. Sechler. 1,466,384; Aug. 28.
Arch support. D. P. Smith. 1,466,386; Aug. 28.
Arch-support construction. M. B. Cooper. 1,447,463; Mar. 6.
Arch supporter. M. J. Condylis and J. C. Clarke. 1,462,534; July 24.
Arch supporter. F. R. Cutting. 1,469,717; Oct. 2.
Arm, Artificial. D. M. Anderson. 1,458,923; June 19.
Arm, Artificial. A. E. Arnal. 1,469,431; Oct. 2.
Arm, Artificial. T. Burgan. 1,464,842; Aug. 14.
Arm, Artificial. F. A. Kenney. 1,472,177; Oct. 30.
Armrest, Detachable. E. G. Simpson. 1,475,414; Nov. 27.
Armrest for closed bodies. A. W. Smith. 1,465,491; Aug. 21.
Arm support. C. W. Allebrand and C. G. Guyatt. 1,451,561; Apr. 10.
Arms, Universal wrist joint for artificial. A. Hulsmann and J. C. Griffin. 1,475,119; Nov. 20.
Armature. J. K. Lencke. 1,450,599; Apr. 3.
Armature backstop. C. H. Wheeler. 1,459,425; June 19.
Armature banding, Tension device for. H. D. Murdock. 1,475,855; Nov. 27.
Armature construction. V. G. Apple. 1,440,951; Jan. 2.
Armature construction. E. M. Soreng. 1,462,585; July 24.
Armature, Resiliently-mounted. T. S. Scott. 1,447,046; Feb. 27.
Armature winding. R. T. Kingsford. 1,471,851; Oct. 23.
Armature windings, Machine for securing. J. F. Cullin. 1,443,526; Jan. 30.
Armor, Bulletproof. L. Krause. 1,465,767; Aug. 21.
Armor, Machine for making flexible tubular. S. W. Bourn. 1,452,356; Apr. 17.
Armor plate and making same. F. Bradley and H. L. Frevert. 1,457,101–3; May 29.
Armor plate and making same. J. L. Cox. 1,470,813; Oct. 16.
Armored bracket, Adjustable. A. T. Sampson. 1,458,916; June 12.
Aromatic compounds containing carbonyl groups with trivalent arsenic, New. A. Albert. Re15,557; Mar. 6.
Aromatic compounds, Recovery of. F. X. Govers. 1,441,341; Jan. 9.
Arsenate of lime product and making same. L. C. Drefahl and C. H. Sakryd. 1,475,545; Nov. 27.
Arsenic compound and making the same, Soluble. J. F. Cullen. 1,446,160; Feb. 20.
Arsenic compound, Organic. J. Huismann, J. Callsen, and W. Gruttefein. 1,445,685; Feb. 20.
Arsenic compounds, Producing new organic. A. Albert. 1,472,778; Nov. 6.
Arsenical compound. L. M. Hussey. 1,452,605; Apr. 24.
Arsenical solutions, Making. A. Mai. 1,456,509; May 29.
Arsenicals, Making. C. Ellis and V. T. Stewart. 1,447,203; Mar. 6.
Arseno compounds which are stable in solution, Preparing. W. Kolle. 1,454,748; May 8.
Art goods, Finishing. E. Muehlbaecher. 1,470,182; Oct. 9.
Artichoke trimmer and cutter. J. Guerrieri. 1,461,874; July 17.
Article carrier. L. W. Kaestner. 1,441,810; Jan. 9.
Article carrier. M. Kisselhoff. 1,445,400; Feb. 13.
Article-forming and printing machine, Continuous. J. M. Driver. 1,448,588; Mar. 13.
Article holder. D. S. Morrell. 1,471,799; Oct. 23.
Article holder. O. T. Sundin. 1,461,837; July 17.
Article-holding clip. P. W. McGuire. 1,456,321; May 22.
Article of manufacture. H. R. Moore. 1,446,808; Feb. 27.
Article of manufacture. S. L. Smith. 1,476,732; Dec. 11.
Article support. J. Soltys. 1,469,692; Oct. 2.
Article-supporting means. A. J. May. 1,440,401; Jan. 2.
Articles having connected links, Making. J. M. Weber. 1,478,720; Dec 25.
Articles, Producing distinctive. B. P. Hyde. 1,451,041; Apr. 10.
Articulator. G. W. Reimche. 1,451,892; Apr. 17.
Articulator, Anatomical. I. R. Wheeler. 1,478,722; Dec. 25.
Artificial bait. H. H. Walls. 1,462,949; July 24.
Artificial tree. D. E. Brown. 1,478,728; Dec. 25.
Artificial tree. M. Wiesenfeld. 1,472,709; Oct. 30.
Artillery, Lead control system for antiaircraft. R. V. Morse. 1,445,028; Feb. 13.
Artist's frame. E. J. Martin. 1,465,857; Aug. 21.
Arylsulphonyl and arylene-disulphonyl derivatives of 1:4 naphthylenediamine and its sulphonic acids, Manufacture of aromatic. G. T. Morgan. 1,442,818; Jan. 23.
Asbestos-cement material, Apparatus for forming strips of. R. H. Anderson. 1,458,675; June 12.
Aseptic tank. G. B. Stryker, jr. 1,463,102; July 24.
Ash bucket. C. Vogt. 1,470,205; Oct. 9.
Ash-can stair device. C. D. Fahrney. 1,442,560; Jan. 16.
Ash collector or like self-loading vehicle. G. W. Otterson. 1,458,240; June 12.
Ash conveyer. A. Girtanner. 1,454,277; May 8.
Ash-conveyer system. E. B. Tolman, jr. 1,465,698; Aug. 21.
Ash-dust remover. G. A. Welch. 1,443,109; Jan. 23.
Ash hopper. A. P. Strong. 1,456,654; May 29.
Ash pan. C. A. Ballou. 1,445,471; Feb. 13.
Ash-pan lifter. M. Lombardi. 1,455,216; May 15.
Ash receiver. A. W. Bendlin. 1,468,372; Sept. 18.
Ash receiver. J. W. Gibbons. 1,459,096; June 19.
Ash receiver. D. Torricelli. 1,478,804; Dec. 25.
Ash remover, Dustless. H. N. Johanns. 1,474,634; Nov. 20.
Ash sifter. C. H. Quirk. 1,449,837; Mar. 27.
Ash tank. A. P. Strong. 1,465,745; Aug. 21.
Ash tray. I. M. Clarke. Des. 62,373–4; May 15.
Ash tray. I. M. Clarke. Des. 63,152; Oct. 23.
Ash tray. J. F. Downey. Re15,698; Oct. 16.
Ash tray. P. I. Heuisler. Des. 62,352; May 15.
Ash tray. L. Smith. Des. 61,792; Jan. 9.
Ash tray. C. B. Wenigman. Des. 63,061; Sept. 25.
Ash tray. M. J. Wright. Des. 63,094; Oct. 2.
Ash tray and cigar cutter, Combination. F. Starin. Des. 61,936; Feb. 13.
Ash tray and extinguisher, Combined. E. C. Callahan. Des. 62,372; May 15.
Ash tray and jar cover, Combined. I. M. Clarke. Des. 62,477; June 12.
Ash tray and pipe rest, Combined. E. G. Forbes. Des. 62,520; June 12.
Ash tray, Cigarette-extinguishing. W. H. J. Hipple, jr. 1,477,122; Dec. 11.
Ash tray, match holder, and cigar cutter, Combined. J. Gossner. Des. 62,201; Apr. 10.
Ash trays, Forming decorated. J. F. Downey. 1,474,108; Nov. 13.
Asparagus cutter. F. Mackensen. 1,455,797; May 22.
Asparagus cutter. N. Nielsen. 1,454,555; May 8.
Aspect signal, Three-. F. W. Harris. 1,471,791; Oct. 23.
Asphalt, Apparatus for treatment of. H. R. Wardell. 1,448,370; Mar. 13.
Asphalt composition. G. Monrath. 1,452,310; Apr. 17.
Asphalt-cutting tool. W. J. Gleasner. 1,452,037; Apr. 17.
Asphalt, Molding. C. C. Hawkins. 1,470,008; Oct. 9.
Asphalt pavements, Self-heating tool for. T. Morrison. 1,455,648; May 15.
Asphalt structure and composition. G. Monrath. 1,452,309; Apr. 17.
Asphalt, Treating rock. J. B. Smyth. 1,452,898; Apr. 24.
Asphaltum, Colored artificial. D. Sanguinetti. 1,465,317; Aug. 21.
Aspirator, Vacuum. E. T. Drake. 1,445,760; Feb. 20.
Assembling and disassembling tool. E. J. Miles. 1,442,962; Jan. 23.
Assembling and lasting machine. W. G. Cheney. 1,470,615; Oct. 16.
Assembling and lasting machine. J. H. Reed. 1,454,562; May 8.
Assembling and transfer mechanism. F. W. Letsch. 1,462,116; July 17.

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Assembling machine. Z. P. Candee and J. H. Olcott. 1,444,106; Feb. 6.
Assembling machine. W. C. Stewart. 1,443,288–9; Jan. 23.
Assembling machine. H. E. Tunnell. 1,451,381; Apr. 10.
Assembling machine, Hand-stamp-. G. H. Cole. 1,461,971; July 17.
Assembling press. J. L. Reed. 1,440,493; Jan. 2.
Assembling tool. T. F. Cullen. 1,464,129; Aug. 7.
Assembling tool. C. N. Teetor. 1,454,349; May 8.
Assembling tool for interrupter arms. H. B. Mitchell. 1,451,708; Apr. 17.
Assembly mechanism. S. A. Bisey. 1,477,205; Dec. 11.
Astigmatic and visual acuity apparatus. W. P. Reaves. 1,467,500; Sept. 11.
Athletic supporter. W. F. Jenkins. 1,477,565; Dec. 18.
Atmospheric-disturbance-reducing means. H. J. J. M. de R. de Bellescize. 1,443,011; Jan. 23.
Atomizer. W. E. and C. T. Brown. 1,476,589; Dec. 4.
Atomizer. J. D. Davis. 1,475,340; Nov. 27.
Atomizer. M. A. Meyer. 1,462,041; July 17.
Atomizer. J. A. Rayder. 1,441,373; Jan. 9.
Atomizer and atomizing. E. B. Fahnstock. 1,441,411; Jan. 9.
Atomizer, Embalming-fluid. J. A. Rayder. 1,455,969; May 22.
Atomizer, Oil. P. H. Gentzel. 1,459,448; June 19.
Attachable brake. E. R. Ritter. 1,452,439; Apr. 17.
Attaching bracket, Adjustable. Z. P. Loyd and H. W. Larsson. 1,454,394; May 8.
Attaching clamp. S. J. Shutsa. 1,460,283; June 26.
Attaching device. G. S. Andres. 1,455,516; May 15.
Attaching device, Rear. G. A. Lyon. 1,459,227; June 19.
Attaching machine. C. E. Conner. 1,461,893; July 17.
Attaching machine. J. H. Pope. 1,474,378; Nov. 20.
Attenuation equalizer. R. S. Hoyt. 1,453,980; May 1.
Attenuation, System for attaining uniform. O. B. Blackwell. 1,454,011; May 1.
Attrition mill. L. E. Bauer. 1,468,436; Sept. 18.
Audiphone. J. W. Bishop. 1,478,545; Dec. 25.
Auger, Adjustable power earth. L. Holmes. 1,470,838; Oct. 16.
Auger bit. J. M. Sanders. 1,465,870; Aug. 21.
Auger bits, Mechanism for manufacture of. B. H. Daulton and C. B. Robinson. 1,450,252; Apr. 3.
Auger, Earth. P. Gampher. 1,466,897; Sept. 4.
Auger, Expanding. A. Gosper. 1,459,366; June 19.
Auger or bit. A. W. McCurdy. 1,474,049; Nov. 13.
Augers, Bit attachment for. F. McLaughlin. 1,466,378; Aug. 28.
Augers, Detachable bit for coal. F. McLaughlin. 1,445,097; Feb. 13.
Augers, Producing. A. W. McCurdy. 1,474,050; Nov. 13.
Augers, Ratchet device for. P. Hudson. 1,450,440; Apr. 3.
Auto accident identifier. W. H. Leonard. 1,476,625; Dec. 4.
Auto appliance. P. E. Van Nostrand. 1,462,398; July 17.
Auto attachment. H. D. Cook. 1,460,193; June 26.
Auto brake. S. B. Leitzell. 1,478,969; Dec. 25.
Auto creeper. S. London and L. Weber. 1,457,117; May 29.
Auto direction signal. G. J. Brozyk. 1,442,644; Jan. 16.
Auto door sign. A. W. Lohn, jr. 1,473,583; Nov. 6.
Auto doors, Sign for. C. C. Patten, J. H. Date, and F. B. Madigan. 1,468,672; Sept. 25.
Auto frame. P. S. Larson. 1,448,133; Mar. 13.
Auto jack. R. E. Ankerman. 1,474,223; Nov. 13.
Auto jack. F. E. Walden. 1,452,131; Apr. 17.
Auto jack and lock. L. A. Green. 1,450,074; Mar. 27.
Auto lift. E. H. Kelley and G. A. Stewart, jr. 1,471,695; Oct. 23.
Auto lock. J. N. McHugh. 1,453,882; May 1.
Auto lock. H. W. Schoff. 1,474,211; Nov. 13.
Auto lock, Combination. T. E. Hudson. 1,442,766; Jan. 16.
Auto radiator-tank whistle. E. L. Wilkisson. Des. 61,793; Jan. 9.
Auto radiator-thermometer mounting. E. T. Curran. 1,467,138; Sept. 4.
Auto rear-axle differential mechanism. F. Tobis and F. Jarzyna. 1,462,204; July 17.
Auto rear signal lamp. L. Lapidus. Des. 62,783; July 31.
Auto safety device. G. F. Carey. 1,445,750; Feb. 20.
Auto safety signaling device. J. W. Elardo. 1,443,251; Jan. 23.
Auto shade, Night and day. J. W. Foley. 1,478,276; Dec. 18.
Auto signal. M. Fujimoto and T. Okawa. 1,452,681; Apr. 24.
Auto signal. F. J. Ryan. 1,452,392; Apr. 17.
Auto signal, Three-way safety. F. M. Baldwin. 1,458,316; June 12.
Auto stop governor. J. F. Johnson. 1,441,353; Jan. 9.
Auto table. K. B. Harvey. 1,445,394; Feb. 13
Auto table. K. B. Harvey. 1,457,028; May 29.
Auto theft signal. E. E. Chapman. 1,469,772; Oct. 9.
Auto wheel. O. R. Fuller. 1,471,786; Oct. 23.
Auto windshield attachment. M. Becker. 1,452,904; Apr. 24.
Autographic register. J. P. Cowley. 1,454,810; May 8.
Autographic register. L. F. Hagemann. 1,456,768–73; May 29.
Autographic register. A. Krauth. 1,440,877; Jan. 2.
Autographic register. J. Q. Sherman. 1,445,108; Feb. 13.
Autographic register. A. A. Wimmers. 1,452,453–4; Apr. 17.
Automatic alarm. F. P. Hartley. 1,460,019; June 26.
Automatic brake. O. B. Bjorge. 1,449,851; Mar. 27.
Automatic control. J. F. Faust. 1,477,216; Dec. 11.
Automatic controller. F. H. Bullinger. 1,470,907; Oct. 16.
Automatic gate. E. A. Bigler. 1,476,354; Dec. 4.
Automatic gun. A. T. Dawson, G. T. Buckham, C. A. Larsson. 1,462,852; July 24.
Automatic press. F. S. Carver. 1,478,699; Dec. 25.
Automatic regulator. E. Grossenbacher. 1,470,971; Oct. 16.
Auomatic regulator. A. B. Loftus. 1,470,277; Oct. 9.
Automatic regulator. J. S. O'Hara. 1,468,729; Sept. 25.
Automatic signal. R. Landini. 1,467,437; Sept. 11.
Automatic switch. O. F. Forsberg and R. M. de Vignier. 1,472,465; Oct. 30.
Automatic switch. F. C. Holtz. 1,476,013; Dec. 4.
Automatic switch. F. S. Irvine. 1,461,528; July 10.
Automatic switch. J. E. Slusser and S. A. Stover. 1,443,389; Jan. 30.
Automatic switch for interconnecting lines. F. Aldendorff. 1,472,351; Oct. 30.
Automatic train-stop and speed-control device. W. H. Kellem. 1,471,611; Oct. 23.
Automobile. R. R. Kirsch. 1,450,684; Apr. 3.
Automobile. J. N. and R. R. Macdonald. 1,474,203; Nov. 13.
Automobile. L. Schafer. 1,455,812; May 22.
Automobile. H. H. Schieler. 1,471,363; Oct. 23.
Automobile. M. H. L. Sizaire. 1,445,181; Feb. 13.
Automobile accelerator. E. W. Baxter. 1,470,211; Oct. 9.
Automobile accelerator. G. F. Castle. 1,478,551; Dec. 25.
Automobile accelerator. J. J. McGuckin. 1,440,881; Jan. 2.
Automobile accelerator control. H. Frederick, and F. W. Haas. 1,444,027; Feb. 6.
Automobile accelerator pedal. B. D. Adams. 1,454,258; May 8.
Automobile accessory. M. Rahr, jr. 1,469,109; Sept. 25.
Automobile alarm. W. B. Eberly. 1,454,216; May 8.
Automobile alarm signal. E. Thomas. 1,454,141; May 8.
Automobile alarm system. H. C. Hay. 1,460,377; July 3.
Automobile and aeroplane, Combined. D. Walden. 1,458,787; June 12.
Automobile and like vehicle. L. Saives. 1,443,594; Jan. 30.
Automobile and other engines, Valve-spring compressor for. D. Clerico. 1,461,346; July 10.
Automobile and similar cases, Boot and liner for. J. L. D. Blevans. 1,460,659; July 3.
Automobile and track turner. A. G. Molniar. 1,456,457; May 22.
Automobile and truck bodies, Metal front for. E. B. Bourlier. 1,471,771; Oct. 23.
Automobile and vehicle track for bridges. C. O. Johnson. 1,468,364; Sept. 18.
Automobile appliance. E. R. MacTyre. 1,449,866; Mar. 27.
Automobile attachment. C. F. Cowdrey. 1,448,912; Mar. 20.
Automobile attachment. C. F. Cowdrey. 1,476,393; Dec. 4.
Automobile attachment. F. Gahm. 1,448,059; Mar. 13.
Automobile attachment. W. E. Marshall. 1,466,667; Sept. 4.
Automobile attachment. F. W. Sterling. 1,445,918; Feb. 20.
Automobile attachment. W. W. Whitton. 1,440,516; Jan. 2.
Automobile attachment for self draft. A. B. Godfrey. 1,442,936; Jan. 23.
Automobile axle joints, Safety attachment for. G. Bowden. 1,443,972; Feb. 6.
Automobile battery boxes, Handle for. H. C. Babel. 1,442,115; Jan. 16.
Automobile bed. J. S. Odom. 1,471,703; Oct. 23.
Automobile bed. A. Stockland. 1,462,667; July 24.
Automobile bed frame, Foldable. R. W. Cleghorn, A. L. Daniels, and C. E. McKeag. 1,444,732; Feb. 6.
Automobile bodies and other structures, Jig for use in assembling and electrically welding together the parts of. J. Ledwinka. 1,441,436; Jan. 9.
Automobile bodies, Lifting device for. H. P. Steadman. 1,468,928; Sept. 25.
Automobile body. F. R. Fageol. 1,452,369; Apr. 17.
Automobile body. L. I. Heintz. 1,441,854; Jan. 9.
Automobile body attaching tool-holding case. J. E. Robison. 1,455,549; May 15.
Automobile body, Closed. R. C. Rupp. 1,474,689; Nov. 20.
Automobile body construction. H. S. Johnson. 1,449,231; Mar. 20.
Automobile body, Convertible. C. J. Carlson. 1,446,833; Feb. 27.
Automobile body, Convertible. F. A. Schnupp. 1,443,243; Jan. 23.
Automobile body, Convertible. G. H. Wong. 1,453,372; May 1.

Automobile body frame. L. I. Heintz. 1,441,853; Jan. 9.
Automobile body motion stabilizer. T. J. Fay. 1,453,344; May 1.
Automobile brace. M. E. Murphy. 1,440,837; Jan. 2.
Automobile brace bar and buffer. G. A. Lyon. 1,467,382; Sept. 11.
Automobile brace-bar buffer. G. A. Lyon. 1,467,389; Sept. 11.
Automobile brake. N. C. Divelbiss. 1,460,892–3; July 3.
Automobile brake. A. Hubalek. 1,467,854; Sept. 11.
Automobile brake. J. J. Kohout and T. R. Gunson. 1,460,911; July 3.
Automobile brake. H. C. Malcolm. 1,444,199; Feb. 6.
Automobile brake. V. Martire, S. Defrancisco, L. Messino, and N. Lombardo. 1,471,780; Oct. 23.
Automobile brake. C. E. Norton. 1,462,918; July 24.
Automobile brake. G. Parson. 1,461,674; July 10.
Automobile brake. A. E. Rouvier. 1,478,257; Dec. 18.
Automobile brake. R. Schmitz. 1,458,730; June 12.
Automobile brake. R. Schmitz. 1,462,723; July 24.
Automobile brake. B. C. Tansey. 1,449,844; Mar. 27.
Automobile brake control. W. L. Kauffman, 2d. 1,475,491; Nov. 27.
Automobile brake equalizer. J. W. Wiuff. 1,442,377; Jan. 16.
Automobile brake mechanism. A. L. F. Wattel. 1,452,402; Apr. 17.
Automobile buffer. H. S. Gutsell. 1,451,874; Apr. 17.
Automobile buffer. G. A. Lyon. 1,467,388; Sept. 11.
Automobile buffer. G. A. Lyon. 1,476,825; Dec. 11.
Automobile buffer. A. W. Wharton. 1,457,330–2; June 5.
Automobile buffer. A. W. Wharton. 1,476,478; Dec. 4.
Automobile buffer and attachment therefor. G. A. Lyon. 1,467,390; Sept. 11.
Automobile buffer attacher. G. A. Lyon. 1,457,533; June 5.
Automobile buffer, Brace-bar. G. A. Lyon. 1,467,384; Sept. 11.
Automobile bumper. E. V. Allen. 1,455,514; May 15.
Automobile bumper. J. F. Beans. 1,450,165; Apr. 3.
Automobile bumper. P. P. Crabill and J. Turner. 1,457,502; June 5.
Automobile bumper. J. M. Coate. 1,441,400; Jan. 9.
Automobile bumper. F. J. Dains. 1,459,365; June 19.
Automobile bumper. V. A. Davison. 1,465,780; Aug. 21.
Automobile bumper. J. S. and J. W. De Martini. 1,459,323; June 19.
Automobile bumper. E. D. Dodge. 1,475,758; Nov. 27.
Automobile bumper. W. E. Dunston. 1,453,866; May 1.
Automobile bumper. M. B. Ericson. 1,454,270; May 8.
Automobile bumper. C. Girl and W. E. Dunston. 1,476,605; Dec. 4.
Automobile bumper. W. F. Harrington and F. C. Speke. 1,448,801; Mar. 20.
Automobile bumper. C. H. Hathaway and W. A. Starck. 1,463,581; July 31.
Automobile bumper. U. Ilich. 1,467,640; Sept. 11.
Automobile bumper. E. W. Kettlitz and G. Kuhn. 1,452,427; Apr. 17.
Automobile bumper. C. D. Kunkel. 1 446,708; Feb. 27.
Automobile bumper. G. S. and A. P. Macleod. 1,465.649; Aug. 21.
Automobile bumper. F. Malberti. 1,449,339; Mar. 20.
Automobile bumper. W. R. McGowen. 1,475,347; Nov. 27.
Automatic bumper. A. L. McGregor. Re15,521; Jan. 9.
Automobile bumper. A. L. McGregor. Re15.545; Feb. 20.
Automobile bumper. A. L. McGregor. 1,443,960; Feb. 6.
Automobile bumper. W. T. Morris. 1,461,431; July 10.
Automobile bumper. N. A. Pearson. 1,442,493; Jan. 16.
Automobile bumper. J. G. Schmidt. 1,465,999; Aug. 28.
Automobile bumper. B. M. Short. 1,451,477; Apr. 10.
Automobile bumper. I. A. Sibley, jr. 1,441,637; Jan. 9.
Automobile bumper. L. F. Stafford. 1,450,928, Apr. 10.
Automobile bumper. F. Tomasek. 1,469,855; Oct. 9.
Automobile bumper. J. Turner and P. P. Crabill. 1,476,382; Dec. 4.
Automobile bumper. F. A. Wernig. 1,446,490; Feb. 27.
Automobile bumper. F. A. Wernig. 1,454,360; May 8.
Automobile bumper. F. G. Whittington. 1,447,703; Mar. 6.
Automobile bumper. W. E. Williams. 1,473,689; Nov. 13.
Automobile bumper and fender, Combined. L. J. Critelli. 1,440,720; Jan. 2.
Automobile bumper, Supporting device for. L. M. Singer. 1,476,311; Dec. 4.
Automobile bumpers, Attaching means for. F. Gahm. 1,470,003; Oct. 9.
Automobile bumpers, Bracket for mounting. L. F. Stafford. 1,446,355; Feb. 20.
Automobile burglar alarm. C. H. Summerill. 1,454,795; May 8.
Automobile cabinet. C. A. Beach. 1,474,704; Nov. 20.
Automobile carburetors, air compressors, air brake systems, etc., Air-cleaning attachment for. G. M. Spencer. 1,469,702; Oct. 2.
Automobile chain fastener and tightener. H. Rasche. 1,450,453; Apr. 3.
Automobile chains, Fastener for. C. V. Banes. 1,472,038; Oct. 30.
Automobile chains, Fastener for. W. London. 1,458,069; June 5.
Automobile chains, Fastening for. O. Schilling. 1,443,653; Jan. 30.
Automobile chair. J. C. Curtiss. 1,444,111; Feb. 6.
Automobile change-speed gearing. W. F. Harrington. 1,470,976; Oct. 16.
Automobile check. W. McNames. 1,472,727; Oct. 30.
Automobile chock blocks, Making. R. L. Hice. 1,459,055; June 19.
Automobile clock frame. C. Merrill and C. M. Wegner. 1,471,797; Oct. 23.
Automobile clutch-spring compressor tool. G. Harzke. 1,440,992; Jan. 2.
Automobile commode. W. J. D. Russell. 1,441,244; Jan. 9.
Automobile construction or the like. E. J. Walton. 1,447,161; Feb. 27.
Automobile cooling apparatus. C. Seymour. 1,450,650; Apr. 3.
Automobile cover or garage. L. C. Holling. 1,472,651; Oct. 30.
Automobile cradle. F. H. Palmer. 1,469,366; Oct. 2.
Automobile curtain. E. E. Bouchard. No. 1,457,649; June 5.
Automobile curtain. F. J. Drekmeier. 1,451,255; Apr. 10.
Automobile curtain. J. Siegel. Des. 62,557; June 19.
Automobile curtain. R. K. Thomson. 1,464,549; Aug. 14.
Automobile curtain window. K. Bemis. 1,441.777; Jan. 9.
Automobile curtains, Curtain holder for. H. Landeweer and J. F. Haas. 1,470,454; Oct. 9.
Automobile curtains, Window for. M. G. Roberts. 1,474,166; Nov. 13.
Automobile dash attachment. E. R. Bittler. 1,451,646; Apr. 10.
Automobile dining outfit. B. N. Crockett. 1,477,812; Dec. 18.
Automobile direction indicator. P. M. Flack. 1,455,581; Apr. 10.
Automobile direction indicator. F. O. Gray. 1,478,007; Dec. 18.
Automobile direction indicator. A. Sajeski. 1,460,921; July 3.
Automobile direction signal. H. K. Gilbert. 1,451,213; May 15.
Automobile direction signal. W. W. Lincoln. Re15,584; Apr. 24.
Automobile direction signal. G. W. Mason. 1,457,260; May 29.
Automobile display device. J. M. Turnage. 1,449,710; Mar. 27.
Automobile door. J. U. Carter. 1,459,281; June 19.
Automobile door latches, Operating means for. F. Kleinsmith. 1,465,399; Aug. 21.
Automobile door lock. L. R. E. Waskins. 1,475,526; Nov. 27.
Automobile door lock mechanism. J. Ledwinka. 1,443,959; Feb. 6.
Automobile door opener. C. J. Smith, jr. 1,460,614; July 3.
Automobile door opening and closing device. R. L. Heaslip. 1,440,463; Jan. 2.
Automobile doors, Combined jamb and buffer for. M. T. Cody, J. Gray, and K. Forbes. 1,472,715; Oct. 30.
Automobile doors, Curtain holder for. A. L. Christian. 1,468,657; Sept. 25.
Automobile doors, Curtain-supporting means for. L. H. Feder. 1,451,147; Apr. 10.
Automobile drive casings, Screw-holding device for. E. C. Bryan and P. J. Sones. 1,474,233; Nov. 13.
Automobile drive gear. W. T. Beddingfield. 1,470,317; Oct. 9.
Automobile drivers, Protective shield for. W. Olcott. 1,469,102; Sept. 25.
Automobile elevating device. G. Rácy. 1,447,151; Feb. 27.
Automobile elevating jack. H. E. Duffy. 1,470,581; Oct. 9.
Automobile elevator. H. P. Wellman. 1,477,471; Dec. 11.
Automobile emergency-brake-lever lock. G. Bell. 1,446,610; Feb. 27.
Automobile emergency fuel tank. J. A. Carlson. 1,461,890; July 17.
Automobile engine accelerator. J. T. Holmquist. 1,454,512; May 8.
Automobile engine stop. F. L. Cantrall. 1,458,270; June 12.
Automobile engine suspension. C. A. Tilt. 1,455,365; May 15.
Automobile engines, Foot accelerator for. H. V. Souders and J. M. Frost. 1,477,604; Dec. 18.
Automobile engines, Oil strainer for. J. S. Johnson. 1,441,857; Jan. 9.
Automobile, etc., lubricating device. R. B. Hanscom. 1,463,421; July 31.
Automobile exhaust lock. G. A. and T. K. Lowry. 1,456,640; May 29.
Automobile extension body. L. Simon. 1,452,394; Apr. 17.
Automobile extractor. W. N. Clark. 1,469,249; Oct. 2.
Automobile extractor. R. B. Hall. 1,445,509; Feb. 13.

Alphabetical list of inventions—Continued.

Automobile fan. A. Heintz. 1,441,852; Jan. 9.
Automobile fan device. L. R. Crumb. 1,467,233; Sept. 4.
Automobile fender. J. Allen. 1,455,468; May 15.
Automobile fender. S. G. Fitzsimons. 1,462,104; July 17.
Automobile fender. T. Fleishman. 1,468,940; Sept. 25.
Automobile fender. A. Grigas. 1,442,401; Jan. 16.
Automobile fender. T. Martin. 1,446,805; Feb. 27.
Automobile fender. T. N. Pray. 1,441,748; Jan. 9.
Automobile fender. C. Rodgers. 1,465,589–90; Aug. 21.
Automobile fender. M. Scheftel. 1,444,558; Feb. 6.
Automobile fender. L. M. Smith. 1,462,152; July 17.
Automobile fender, Accident-proof. J. Kaurich. 1,451,833; Apr. 17.
Automobile fender attachment. W. E. White. 1,450,532; Apr. 3.
Automobile fender brace. F. M. Duncan. 1,476,602; Dec. 4.
Automobile fender package. H. Bruewer. 1,441,264; Jan. 9.
Automobile fenders, Emblem holder for. M. E. Theiss. 1,463,409; July 31.
Automobile-filling funnel. M. R. Gill. 1,443,466; Jan. 30.
Automobile floor-board clamp. J. W. Parks. 1,451,404; Apr. 10.
Automobile foot rail. R. I. Graf. 1,473,091; Nov. 6.
Automobile foot scraper. G. Somerville. Des. 63,124; Oct. 9.
Automobile foot steering device. R. M. Fox. 1,471,393; Oct. 23.
Automobile frame. R. M. Lovejoy. 1,471,044; Oct. 16.
Automobile frame and pressed-steel constructional element therefor. R. S. Smith. 1,473,651; Nov. 13.
Automobile frames, Process and apparatus for making flanged crossbars for. R. S. Smith. 1,477,779; Dec. 18.
Automobile frames, Truss construction for. A. Koehn. 1,449,821; Mar. 27.
Automobile fuel tanks, Lockable cover for. A. M. Malluk and J. U. Koree. 1,447,260; Mar. 6.
Automobile funnel. M. Thompson. 1,459,299; June 19.
Automobile gas engines, Gas-saving and carbon-eliminating attachment for. J. H. Zurborg. 1,457,870; June 5.
Automobile gas lines, Lock for. D. M. Parkinson. 1,459,688; June 19.
Automobile gasoline gauge. W. D. Stivers. 1,457,471; June 5.
Automobile gasoline tanks, Electric switch for. W. S. La Londe. 1,461,825; July 17.
Automobile gasoline tanks, Indicating means for. F. J. Cowie. 1,440,447; Jan. 2.
Automobile gate. J. W. Laverence. 1,460,200; June 26.
Automobile gear lock. C. G. Trosien. 1,472,101; Oct. 30.
Automobile gear-shift control. J. C. Boyle. 1,469,580; Oct. 2.
Automobile gear-shift-lever grip. R. R. Fudge. Des. 63,170–1; Oct. 30.
Automobile gear-shift pedal lock. J. Sanders. 1,450,050; Mar. 27.
Automobile glare shield. R. Downing. 1,468,197; Sept. 18.
Automobile glare shield. H. W. Voss and C. A. Balzer. 1,462,726; July 24.
Automobile guard and bumper. E. Christensen. 1,452,189; Apr. 17.
Automobile hand brakes and the like, Releasing mechanism for. V. C. Kloepper. 1,458,136; June 12.
Automobile hand signaling device. A. R. Fergusson. 1,457,023; May 29.
Automobile hat holder. M. W. Dye. 1,454,962; May 15.
Automobile hatrack. C. W. Walton. 1,472,258; Oct. 30.
Automobile heater. D. W. Alexander. 1,448,325; Mar. 13.
Automobile heaters, Grating for. L. F. Clerc. Des. 63,025; Sept. 18.
Automobile hood. C. Scott. 1,446,814; Feb. 27.
Automobile hood. J. M. Woll. 1,451,642; Apr. 10.
Automobile hood construction. R. W. Kumler. 1,474,417; Nov. 20.
Automobile hood clamp. W. R. Bassick. 1,462,477; July 24.
Automobile hood clamp. R. G. Moore. 1,462,493; July 24.
Automobile hood clamp. J. M. Schutz. 1,445,851; Feb. 20.
Automobile hood fastener. J. F. Carpmill. 1,458,746–7; June 12.
Automobile hood fastener. H. S. Williams. 1,462,727; July 24.
Automobile hood hinge. E. L. Ackerman. 1,454,257; May 8.
Automobile hood-latching device. W. R. Halliwell. 1,467,983; Sept. 11.
Automobile hood rest. G. B. Holmes. 1,459,370; June 19.
Automobile hoods and the like, Fastener for. D. Bourque. 1,472,630; Oct. 30.
Automobile hoods, Hinge structure for. J. P. Robertson. 1,475,967; Dec. 4.
Automobile hook. W. C. Gruner. 1,454,734; May 8.
Automobile horn. N. Giusto. 1,441,574; Jan. 9.
Automobile horn-button extension. R. E. McGahey. 1,478,287; Dec. 18.
Automobile identification and registration plate. W. F. Little. Des. 63,189; Oct. 30.
Automobile identification device. M. Iafrate. 1,473,556; Nov. 6.
Automobile identifying means. B. W. Jones. 1,473,561; Nov. 6.
Automobile ignition, Lock switch for. J. E. Barker. 1,474,506; Nov. 20.
Automobile ignition switches, Guard for. W. S. Rose. 1,464,854; Aug. 14.
Automobile inclosure. G. E. Bishop. 1,460,529; July 3.
Automobile instrument boards, Instrument mount for. F. G. Whittington. Re. 15,534; Jan. 30.
Automobile jack. V. V. Curtis. 1,476,877; Dec. 11.
Automobile jack. J. H. Ham. 1,444,969; Feb. 13.
Automobile jack. F. C. Hiller. 1,445,682; Feb. 20.
Automobile jack. A. Mensik. 1,476,208; Dec. 4.
Automobile jack. J. P. Owsianek. 1,457,881; June 5.
Automobile jack foot. W. J. Bain. 1,474,428; Nov. 20.
Automobile jacking device. C. R. Baker. 1,445,928; Feb. 20.
Automobile lamp and cigar lighter. E. T. Koster. 1,443,993; Feb. 6.
Automobile license box. C. G. Mercer. 1,452,430; Apr. 17.
Automobile license plate. T. Hunter. 1,473,479; Nov. 6.
Automobile license-plate casing. W. A. Scott. 1,454,792; May 8.
Automobile license plate, Illuminated. M. Balogh. 1,477,415; Dec. 11.
Automobile license tag. F. W. Castle. 1,443,117; Jan. 23.
Automobile license-tag holder and illuminator. L. F. Spitzlberger. 1,448,574; Mar. 13.
Automobile license-tag light. H. Schmitt. 1,448,599; Mar. 13.
Automobile lifter. L. J. Liddell. 1,474,419; Nov. 20.
Automobile lifting device. J. Schares and H. J. Kauth. 1,465,739; Aug. 21.
Automobile light. M. T. Davison and C. W. Thompson. 1,458,035; June 5.
Automobile light. E. H. Frazier. 1,444,965; Feb. 13.
Automobile light. C. H. Montague. 1,448,635–6; Mar. 13.
Automobile light and license holder. G. Curran. 1,475,108; Nov. 20.
Automobile light dimmer. C. S. Hash. 1,453,501; May 1.
Automobile light-dimmer switch. A. D. Gaston. 1,462,791; July 24.
Automobile lights, Auxiliary switch for. O. L. Davis. 1,473,212; Nov. 6.
Automobile lights, Dimming switch for. C. W. McKee and W. T. Taggart. 1,468,882; Sept. 25.
Automobile lock. G. L. Baker. 1,477,026; Dec. 11.
Automobile lock. W. Barnett. 1,470,662; Oct. 16.
Automobile lock. J. W. Bireley and G. A. Walters.
Automobile lock. A. F. Cavanaugh. 1,471,382; Oct. 23.
Automobile lock. H. P. Childress. 1,467,353; Sept. 11.
Automobile lock. S. B. Clayton. 1,467,530; Sept. 11.
Automobile lock. W. Conklin and W. Wissinger. 1,478,275; Dec. 18.
Automobile lock. C. Cynamon. 1,473,469; Nov. 6.
Automobile lock. G. W. Daniels. 1,450,943; Apr. 10.
Automobile lock. A. F. H. Davis. 1,478,850; Dec. 25.
Automobile lock. R. A. Dobbelaar. 1,477,165; Dec. 11.
Automobile lock. I. M. Eulitt. 1,471,515; Oct. 23.
Automobile lock. J. H. Frost. 1,460,238; June 26.
Automobile lock. F. M. Furber. 1,448,658; Mar. 13.
Automobile lock. H. J. Garceau. 1,451,821; Apr. 17.
Automobile lock. J. P. Geraghty. 1,455,583; May 15.
Automobile lock. C. A. Habenicht. 1,455,138; May 15.
Automobile lock. O. S. Hershey. 1,442,765; Jan. 16.
Automobile lock. A. C. Hill. 1,462,137; July 17.
Automobile lock. J. D. King. 1,452,879; Apr. 24.
Automobile lock. J. J. Lane and J. H. Groat. 1,471,742; Oct. 23.
Automobile lock. A. Licciardello. 1,443,227; Jan. 23.
Automobile lock. E. J. Martel. 1,449,769; Mar. 27.
Automobile lock. J. J. Pottinger. 1,443,824; Jan. 30. 1,441,826; Jan. 9.
Automobile lock. H. Reeves and J. E. Cain. 1,458,244; June 12.
Automobile lock. F. M. Ross. 1,448,945; Mar. 20.
Automobile lock. W. J. Smith. 1,453,531; May 1.
Automobile lock. W. C. Thiell. Re. 15,542; Feb. 13.
Automobile lock. L. Weitzman. 1,465,926; Aug. 21.
Automobile lock. A. E. Zierick. 1,454,099; May 8.
Automobile lock and theft notice. L. H. Oberreich. 1,464,186; Aug. 7.
Automobile lock, Automatic. H. Rowntree. 1,477,771; Dec. 18.
Automobile lock protective device. H. A. Calahan. 1,452,065; Apr. 17.
Automobile lock system. T. R. Cornick. 1,477,317; Dec. 11.
Automobile locking device. T. W. Burghart. 1,471,447; Oct. 23.
Automobile locking device. J. H. Ford. 1,451,499; Apr. 10.
Automobile locking means. T. C. Brasket. 1,442,120; Jan. 16.
Automobile locking mechanism. J. W. Flynn. 1,456,922; May 29.
Automobile lubricating device. J. Ortwein. 1,446,516; Feb. 27.

Automobile luggage carrier. W. Schwenn. 1,445,852; Feb. 20.
Automobile luggage carrier. J. Zilliox. 1,449,481; Mar. 27.
Automobile machines, Bearing line for electric aerial conductors to. H. S. Cassel. 1,473,206; Nov. 6.
Automobile mechanics, Rest or creeper for. L. E. Sunderland. 1,446,945; Feb. 27.
Automobile memorandum attachment. H. A. Nelson. 1,450,446; Apr. 3.
Automobile mirror. W. B. Crooks. 1,444,538; Feb. 6.
Automobile mirror bracket and joint. S. Feinberg. 1,465,213; Aug. 14.
Automobile mirrorscope bracket. E. A. and E. S. Hawthorne. 1,478,826; Dec. 25.
Automobile motor-hood fastener. I. C. Hart. 1,443,177; Jan. 23.
Automobile name plate. W. M. Long and L. S. Lemere. Des. 62,576; June 26.
Automobile name plate. E. E. Temple. Des. 61,838; Jan. 23.
Automobile panel construction. W. B. Michel. 1,472,304; Oct. 30.
Automobile parking device. M. S. F. Williams and J. K. E. Diffenderffer. 1,473,369; Nov. 6.
Automobile parts, Wrench for. F. B. Parker. 1,471,277; Oct. 16.
Automobile pedal attachment. G. A. Milkie. 1,452,431; Apr. 17.
Automobile perch. G. C. Roedl. 1,450,988; Apr. 10.
Automobiles, Permutation switch for. T. A. Pangburn. 1,478,394; Dec. 25.
Automobile power attachment. L. A. Normandin. 1,470,636; Oct. 16.
Automobile protective device. J. H. Sharp. 1,450,336; Apr. 3.
Automobile pulling device. C. E. Gillam. 1,469,506; Oct. 2.
Automobile radiator. W. B. Cowan. 1,477,209; Dec. 11.
Automobile radiator. L. D. Fowler. 1,451,871; Apr. 17.
Automobile radiator. N. and B. Kramer. 1,448,451; Mar. 13.
Automobile radiator. N. and B. Kramer. 1,460,852; July 3.
Automobile radiator. O. B. Rutherford. 1,449,782; Mar. 27.
Automobile radiator. D. H. Weyandt. 1,457,202; May 29.
Automobile radiator assembly rack. G. H. Lober. 1,466,404; Aug. 28.
Automobile radiator attachment. F. C. Hueber. 1,446,306; Feb. 20.
Automobile radiator attachment. J. F. White. 1,462,403; July 17.
Automobile radiator cap. O. L. Bihlmire. Des. 63,355; Nov. 27.
Automobile radiator cap. H. A. Dent. Des. 62,711; July 17.
Automobile radiator cap. F. P. Livingston. Des. 62,095; Mar. 20.
Automobile radiator cap. H. A. Mayberry. 1,457,070; May 29.
Automobile radiator cap. V. Sbigoli. Des. 62,096; Mar. 20.
Automobile radiator condenser. H. L. Crafts. 1,461,726; July 24.
Automobile radiator, Design for an. R. Stahl. Re. 15,523; Jan. 9.
Automobile radiator-repair device. M. Anchelevich. 1,462,360; July 17.
Automobile radiator system. J. F. Kupec. 1,451,364; Apr. 10.
Automobile radiator thermometer. A. Cameron. 1,455,043; May 25.
Automobile radiators and the like, Closure for. H. P. Hanson. 1,476,074; Dec. 4.
Automobile radiators, Cooker attachment for. C. M. Daly. 1,463,576; July 31.
Automobile radiators, Fan for. M. R. Wells. 1,473,066; Nov. 6.
Automobile radiators, Flushing attachment for. R. H. Wilkinson. 1,459,384; June 19.
Automobile radiators, Indicating device for. R. R. Fudge. 1,454,230; May 8.
Automobile radiators, Water gauge for. W. B. Jarvis. Des. 63,367; Nov. 27.
Automobile radiators, Water-level indicator for. H. H. Boyce. 1,461,722; July 17.
Automobile radiators, Water-level indicator for. R. G. W. Hunter. 1,448,220; Mar. 13.
Automobile rear axles, Differential mechanism for. J. J. Bishop. 1,474,399; Nov. 20.
Automobile rear-signal device. S. A. Flowers. 1,455,526; May 15.
Automobile record holder. E. P. Burnham. 1,442,855; Jan. 23.
Automobile rim. J. S. Edwards. 1,452,073; Apr. 17.
Automobile rim. R. W. Welty. 1,475,098; Nov. 20.
Automobile rim tool. A. L. Conley. 1,449,268; Mar. 20.
Automobile rim tool. J. Reed and G. Washington. 1,459,294; June 19.
Automobile robe. W. F. Meadows. 1,443,631; Jan. 30.
Automobile robe holder. G. Canning. 1,477,031; Dec. 11.
Automobile robe lock. G. E. Tucker. 1,442,750; Jan. 16.
Automobile robes and other articles, Lock for. P. J. Timberlake. 1,442,745; Jan. 16.
Automobile robes, Device for protecting. G. C. McKibbin. 1,443,695; Jan. 30.
Automobile running board. T. J. Boyan and F. L. Eklund. 1,467,471; Sept. 11.
Automobile running board. G. R. Gagne. 1,469,785; Oct. 9.
Automobile running boards, Adjustable step for. J. Disch and J. G. Trese. 1,457,152; May 29.
Automobile running boards and the like, Nosing for. F. H. Stanwood. 1,441,039; Jan. 2.
Automobile safety bumper. P. Huels. 1,445,138; Feb. 13.
Automobile safety device. S. Morgenstern. 1,448,459; Mar. 13.
Automobile safety passing light. G. C. Strong. 1,443,290; Jan. 23.
Automobile sanding device. J. L. Grondona. 1,446,897; Feb. 27.
Automobile screen. V. D. Hitchings. 1,476,336; Dec. 4.
Automobile screen attachment. C. R. Henderson. 1,465,821; Aug. 21.
Automobile seat. C. E. Gilbert. 1,454,232; May 8.
Automobile seat. J. H. McCollough, jr. 1,441,534; Jan. 9.
Automobile seat. J. H. McCollough, jr. 1,445,404; Feb. 13.
Automobile seat. A. L. McPherson. 1,467,645; Sept. 11.
Automobile seat. G. W. Stafford. 1,466,969; Sept. 4.
Automobile seat. E. C. Whiting. 1,473,945; Nov. 13.
Automobile seat, Auxiliary. S. E. Gilley. 1,451,655; Apr. 10.
Automobile seat, Auxiliary. S. A. Gray. 1,448,841; Mar. 20.
Automobile seat, Expansible. A. E. Fisher. 1,458,173; June 12.
Automobile seat warmer and cooler. J. R. Williams. 1,475,912; Nov. 27.
Automobile seats and the like, Headrest for. B. Katz. 1,471,168; Oct. 16.
Automobile shade. R. Doner. 1,441,487; Jan. 9.
Automobile shade. R. Doner. 1,442,255; Jan. 16.
Automobile shield. W. G. Cox. 1,462,956; July 24.
Automobile shock absorber. A. D. Pidgeon. 1,463,660; July 31.
Automobile signal. C. C. Bielitz. 1,456,967; May 29.
Automobile signal. J. B. Blair. 1,467,993; Sept. 18.
Automobile signal. N. Browne. 1,453,911; May 1.
Automobile signal. L. H. Charling. 1,460,572; July 3.
Automobile signal. W. Cline. 1,454,920; May 15.
Automobile signal. G. H. Clotworthy. 1,448,728; Mar. 20.
Automobile signal. E. W. Courtright. 1,443,894; Jan. 30.
Automobile signal. J. W. Crawley. 1,448,913; Mar. 20.
Automobile signal. J. F. W. Diegel. 1,460,709; July 3.
Automobile signal. S. Fasci. 1,446,169; Feb. 20.
Automobile signal. F. Fox. 1,472,592; Oct. 30.
Automobile signal. H. L. Furr. 1,475,811; Nov. 27.
Automobile signal. F. Garcia. 1,466,935; Sept. 4.
Automobile signal. T. Groves. 1,465,301; Aug. 21.
Automobile signal. W. and J. A. Heckman. Des. 62,723; July 24.
Automobile signal. J. E. Hill. 1,460,904; July 3.
Automobile signal. C. Hoffman. 1,478,857; Dec. 25.
Automobile signal. I. G. Holland and G. A. Broughton. 1,472,718; Oct 30.
Automobile signal. J. F. Hughes. 1,457,703; June 5.
Automobile signal. C. L. Hyde. 1,467,580; Sept. 11.
Automobile signal. M. G. Ivandick. 1,455,054; May 15.
Automobile signal. F. A. Kempe. 1,467,328; Sept. 11.
Automobile signal. A. S. Levey. 1,475,124; Nov. 20.
Automobile signal. J. McCarthy. 1,472,248; Oct. 30.
Automobile signal. P. McLaren. Des. 62,405; May 22
Automobile signal. P. McLaren. 1,461,251; July 10.
Automobile signal. A. L. McMurtry. 1,463,430; July 31.
Automobile signal. C. L. Mulder. 1,445,539; Feb. 13.
Automobile signal. J. B. Mulholland. 1,464,579; Aug. 14.
Automobile signal. G. W. Nicholson and A. J. Kelly. 1,457,263; May 29.
Automobile signal. D. F. Peters. 1,473,683; Nov. 13.
Automobile signal. W. M. Reason. 1,440,629; Jan. 2.
Automobile signal. M. D. Shiverick. 1,450,337; Apr. 3.
Automobile signal. H. L. Staples. 1,464,451; Aug. 7.
Automobile signal. P. A. Stover. Des. 63,442; Dec. 4.
Automobile signal. R. Taeubert. 1,460,620; July 3.
Automobile signal. W. Thomas, jr. Des. 63,595; Dec. 18.
Automobile signal. F. Trinca and H. Wolf. 1,450,765; Apr. 3.
Automobile signal. J. R. Villard. 1,460,625; July 3.
Automobile signal. W. F. Wedemeyer. 1,457,200; May 29.
Automobile signal. J. C. Wiehr. 1,464,460; Aug. 7.
Automobile signal. S. W. Wigner. 1,468,684; Sept. 25.
Automobile signal. A. E. Wolter. 1,471,084; Oct. 16.
Automobile signal. A. Zimmermann. 1,442,593; Jan. 16.
Automobile signal. G. B. A. Zimmerman. 1,467,349; Sept. 11.
Automobile signal device. C. Hermann. 1,451,909; Apr. 17.
Automobile signal device. J. B. Young. 1,466,220; Aug. 28.
Automobile signal, Illuminated. S. G. Grandjean and J. J. Darcey. 1,458,336; June 12.

Automobile signal indicator. P. Capocci. 1,472,550; Oct. 30.
Automobile signal light. B. W. Elliott. 1,466,874; Sept. 4.
Automobile signal light. H. F. Kuechler. 1,446,909; Feb. 27.
Automobile signal-light casing. L. Guardino. Des. 62,521; June 12.
Automobile signal lock. A. M. Haight. 1,470,443; Oct. 9.
Automobile signal system. W. L. Ingram. 1,464,531; Aug. 14.
Automobile signaling device. W. H. Woolums. Des. 62,430–1; May 22.
Automobile signals, Case for. R. F. Wenclaski. Des. 63,345; Nov. 20.
Automobile signals, Device for operating. Z. T. Ubil. 1,462,776; July 24.
Automobile sleigh. A. J. Pidgeon. 1,466,546; Aug. 28.
Automobile sleigh attachment. J. Rantasa. 1,460,605; July 3.
Automobile snubber. A. G. Gifford. 1,445,830; Feb. 20.
Automobile speed indicator. C. W. Russell. 1,447,184; Mar. 6.
Automobile speed mechanism, Single-lever control for shifting. E. D. Cronk. 1,449,269; Mar. 20.
Automobile speed regulator. F. W. Teves. 1,453,368–9; May 1.
Automobile spindle mounting. O. G. Simons. 1,471,575; Oct. 23.
Automobile spotlight. E. C. Pfaff. 1,475,870; Nov. 27.
Automobile spotlight. E. Raudman. 1,446,482; Feb. 27.
Automobile spring. W. Banwarth. 1,442,849; Jan. 23.
Automobile spring. J. W. Bobb. 1,464,238; Aug. 7.
Automobile spring. F. G. Krakan. 1,461,274; July 10.
Automobile spring construction. E. Gohier and A. Lecavalier. 1,449,988; Mar. 27.
Automobile spring equalizer and shock absorber. W. J. Hackett and F. T. Abbay. 1,462,638; July 24.
Automobile spring regulator. W. C. Engel. 1,477,433; Dec. 11.
Automobile spring-supporting mechanism. A. J. Barron. 1,460,782; July 3.
Automobile spring suspension. F. N. Schafer. 1,447,605; Mar. 6.
Automobile springs and the like, Tool for removing shackle bolts of. C. O. Dutro and R. W. and G. S. Kent. 1,462,447; July 17.
Automobile springs, Repair device for. P. T. Jasmin. 1,461,273; July 10.
Automobile starter and generator. W. L. Bliss. 1,442,791; Jan. 16.
Automobile starters, Locking device for. L. W. Yonge. 1,455,697; May 15.
Automobile starters, Locking device for. L. W. Yonge. 1,467,664; Sept. 11.
Automobile starting mechanism. C. H. Hodgkins. 1,470,737; Oct. 16.
Automobile starting mechanism. H. R. Meyer. 1,469,234; Oct. 2.
Automobile starting system. W. P. Loudon. 1,451,550; Apr. 10.
Automobile steam heater. J. Basso, jr. 1,449,741; Mar. 27.
Automobile steel wheel. W. E. Williams. 1,452,772; Apr. 24.
Automobile steering attachment. C. L. and C. R. Flora. 1,440,666; Jan. 2.
Automobile steering device, Joint for. D. Lumsden. 1,465,140; Aug. 14.
Automobile steering-gear lock. E. P. Crandall. 1,442,605; Jan. 16.
Automobile steering-gear lock. L. E. Willett. 1,469,401; Oct. 2.
Automobile steering mechanism. L. Haubert. 1,476,886; Dec. 11.
Automobile steering mechanism, Knuckle joint for. E. Olson. 1,450,780; Apr. 3.
Automobile steering wheel. R. R. Graebert. 1,454,234; May 8.
Automobile steering wheel. T. J. Martin. 1,476,347; Dec. 4.
Automobile steering-wheel lock. J. Berlien. 1,447,010; Feb. 27.
Automobile steering-wheel lock. L. T. Rhoades. 1,473,873; Nov. 13.
Automobile steering wheels, Lock for. R. R. Graebert. 1,454,233; May 8.
Automobile step. H. D. Miller. 1,471,972; Oct. 23.
Automobile step plate. J. J. Haggenjos. Des. 61,871; Feb. 6.
Automobile storage. E. M. Frasier. 1,468,147; Sept. 18.
Automobile storm curtain. J. T. Simons, H. D. Elliott, and T. P. Stoney. 1,478,619; Dec. 25.
Automobile switch, Key-operated. B. D. Kunkle and J. V. Schafer. 1,447,869; Mar. 6.
Automobile tail light and signal. T. J. Hinton and F. A. W. Johnson. 1,449,859; Mar. 27.
Automobile tanks, Appliance for automatically indicating the amount of gasoline in. G. A. Szabo, 1,456,743; May 29.
Automobile testing apparatus. J. T. Bishop. 1,452,783; Apr. 24.
Automobile theft alarm. J. M. Heraucourt. 1,458,823; June 12.
Automobile theft detector. J. J. Michalski. 1,453,320; May 1.
Automobile theft detector. J. J. Michalski. Re15,709; Oct. 30.
Automobile theft preventer. H. R. Mitchell. 1,476,166; Dec. 4.
Automobile thermometer attachment. H. Y. Norwood. 1,444,133; Feb. 6.
Automobile, Three-wheeled. E. Wesnigk. 1,450,622; Apr. 3.
Automobile tie-down device. E. S. Evans. 1,449,147; Mar. 20.
Automobile timer. W. H. Dyer. 1,471,999; Oct. 23.
Automobile timer. M. Forder. 1,464,383; Aug. 7.
Automobile timing mechanism. H. L. Smith. 1,468,755; Sept. 25.
Automobile title-abstract and identification system. L. D. Fox. 1,470,604; Oct. 16.
Automobile title-identifying, theft discouraging and detecting means. C. M. Jones. 1,454,746; May 8.
Automobile toilet attachment. N. Banks. 1,454,618; May 8.
Automobile tool. F. W. Jackson. 1,455,617; May 15.
Automobile tool. M. McIntyre. 1,473,114; Nov. 6.
Automobile tool-box support. J. W. Brown. 1,451,202; Apr. 10.
Automobile tool kit. G. V. Steffens. 1,441,251; Jan. 9.
Automobile top. L. J. Carl. 1,476,391; Dec. 4.
Automobile top. A. D. Hedges. 1,445,213; Feb. 13.
Automobile top. R. C. Hoagland. 1,455,203; May 15.
Automobile top. G. H. Johnston. 1,470,624; Oct. 16.
Automobile top. S. H. Summerscales. 1,448,981; Mar. 20.
Automobile top. J. Vetter. 1,447,191; Mar. 6.
Automobile top and windshield coupling. J. V. Belluomini and A. L. Lucot. 1,445,064; Feb. 13.
Automobile top, Collapsible. J. Botella. 1,463,193; July 31.
Automobile top construction. J. N. Collins. 1,444,413; Feb. 6.
Automobile top construction and curtain therefor. H. M. Horne and T. T. Dickenson. 1,468,203; Sept. 18.
Automobile top frame. G. E. Bishop. 1,475,421; Nov. 27.
Automobile top frame and deck. F. J. Kurtz. 1,454,321; May 8.
Automobile top into a one-man top, Method and means for converting an. R. F. Klecker. 1,474,838; Nov. 20.
Automobile top stay strap. G. S. Avey. 1,457,685; June 5.
Automobile topping fabric. D. W. Potter. 1,443,195; Jan. 23.
Automobile tops, Bow protector for. T. H. Murphy, L. S. Isbell, and E. W. Sawyer. 1,466,808; Sept. 4.
Automobile tops, Loop-strap-securing device for. J. Ledwinka. 1,469,929; Oct. 9.
Automobile tops, Sun and rain shield for. E. C. Clark. 1,447,062; Feb. 27.
Automobile towing frame. H. M. Holt. 1,472,003; Oct. 23.
Automobile traffic signal. M. C. Ohl. 1,469,806; Oct. 9.
Automobile traffic signal. A. Rick. 1,462,659; July 24.
Automobile traffic-signal device. C. H. Hughes. 1,472,273; Oct. 30.
Automobile transmission. A. E. Milarch. 1,452,248; Apr. 17.
Automobile transmission-case truss. G. Griffith. 1,442,335; Jan. 16.
Automobile transmission gearing. D. H. Marvin. 1,475,350; Nov. 27.
Automobile transmission gearing. H. T. Thomas. 1,472,285; Oct. 30.
Automobile transmission lock. H. Schiff. 1,471,212; Oct. 16.
Automobile transmission mechanism. A. P. Brush. Re15,738; Dec. 25.
Automobile truck construction. A. J. Barron. 1,442,244; Jan. 16.
Automobile tube. J. Schwab. 1,447,521; Mar. 6.
Automobile tube. J. Schwab. 1,455,889; May 22.
Automobile turning signal. C. R. Kositzky. 1,463,425; July 31.
Automobile vacuum-feed tank. L. G. Stransky. 1,474,450; Nov. 20.
Automobile valve seats, Device for facing. J. Q. Adams. 1,471,471; Oct. 23.
Automobile vehicles, Compressor arrangement for the motors of. P. Daimler. 1,463,256; July 31.
Automobile vehicles, Trailer for. J. H. Labourdette. 1,467,581; Sept. 11.
Automobile ventilator. F. V. Gallaugher. 1,474,075; Nov. 13.
Automobile visor. J. B. Gats. 1,447,655; Mar. 6.
Automobile visor. C. H. Veeder. 1,448,883; Mar. 20.
Automobile visors, Supporting bracket for. F. Hoener. 1,451,695; Apr. 17.
Automobile washer. H. B. Davis. 1,460,096; June 26.
Automobile wheel. R. Arsenault, M. Phillips, and L. Duchesneau. 1,446,146; Feb. 20.
Automobile wheel. H. M. Brown. 1,472,352; Oct. 30.
Automobile wheel. H. M. Howell. 1,441,424; Jan. 9.
Automobile wheel. S. Kaplan. 1,465,714–15; Aug. 21.

Automobile wheel. S. Kaplan and H. M. Howell. 1,478,437; Dec. 25.
Automobile wheel. W. H. Kutina. 1,473,435; Nov. 6.
Automobile wheel holding and truing device. G. H. Hartman. 1,467,618; Sept. 11.
Automobile wheel lock. H. Barnett. 1,477,929; Dec. 18.
Automobile wheel lock. D. A. Hedglin. 1,456,021; May 22.
Automobile wheel lock. L. E. Trimm. 1,447,053; Feb. 27.
Automobile wheels and spokes, Shackle for. E. E. Chapman. 1,463,387; July 31.
Automobile wheels, Emergency attachment for. A. O. Wright. 1,464,055; Aug. 7.
Automobile wheels, Fixed and demountable rim construction for. W. E. Williams. 1,441,768; Jan. 9.
Automobile wheels, Lock for. A. W. Saegesser. 1,476,467; Dec. 4.
Automobile wheels, Nonskid device for. J. Sturn. 1,468,045; Sept. 18.
Automobile wheels, Tire protector for. J. G. Gracey. 1,444,603; Feb. 6.
Automobile wheels, Wire-rope shackle for. E. E. Chapman. 1,472,155; Oct. 30.
Automobile winch. A. E. Norris. 1,450,301–2; Apr. 3.
Automobile windshield, Ventilated. G. J. Vondracek. 1,445,732; Feb. 20.
Automobile windshield wiper. E. T. Shaw and C. H. Petronin. 1,445,853; Feb. 20.
Automobile windshields, Attachment shield for. H. H. Illch. 1,450,551; Apr. 3.
Automobile windshields, Eyeshield for. D. E. Stetler. 1,465,374; Aug. 21.
Automobile windshields, Screen for. A. A. Carterett 1,443,211; Jan. 23.
Automobile windshields, Visor frame for. W. C. Weiske and H. A. Dorman. 1,460,739; July 3.
Automobile work, Cradle or creeper for. W. C. Zengerle 1,451,858; Apr. 17.
Automobile workstand. W. P. Kramer. 1,443,268 Jan. 23.
Automobiles against theft, Owner's identification means for protecting. T. Shill. 1,460,282; June 26.
Automobiles, Air filter for. R. A. J. King. 1,453,627; May 1.
Automobiles and motors, Combined gasket and vaporizer for. M. T. McNulty. 1,474,540; Nov. 20.
Automobiles and other vehicles, Casing for an electric way and stop signal device for. E. Vorbroker. Des. 62,011; Sept. 4.
Automobiles and other vehicles, Direction indicator for. J. O. Grenier. 1,452,114; Apr. 17.
Automobiles and other vehicles, Suspension of. G. H. E. de Ram. 1,457,884; June 5.
Automobiles and other vehicles, Tilting headlight device for. P. R. Collier. 1,468,260; Sept. 18.
Automobiles and similar motor-driven vehicles, Extension pedal pad for. D. Sinclair. 1,455,675; May 15.
Automobiles and the like, Deflector for. W. L. Howe. 1,468,110; Sept. 18.
Automobiles and the like, Device for preventing the accumulation of moisture upon the windshields of. G. H. Morris. 1,441,238; Jan. 9.
Automobiles and the like, Fuel-feed system for. F. E. Edwards. 1,455,085; May 15.
Automobiles and the like, Signaling apparatus for use on. F. M. Fulton. 1,443,356; Jan. 30.
Automobiles, Antiglare screen for. A. E. Kivikink and E. Nilson. 1,468,115; Sept. 18.
Automobiles, Antiskid chain for. J. F. Straube. 1,455,233; May 15.
Automobiles, Antitheft plate for. E. S. Ensign. 1,475,691; Nov. 27.
Automobiles, Apparatus for tilting. J. O. Reid. 1,478,256; Dec. 18.
Automobiles, Appliance for attaching bumpers adjustably to. W. G. Cox. 1,451,535; Apr. 10.
Automobiles, Attachable rain shield for. G. C. Henne. 1,478,279; Dec. 18.
Automobiles, Attachment for hood clamps of. J. Scully and W. B. McCoy. 1,469,851; Oct. 9.
Automobiles, Automatic life protector for. M. Resk. 1,459,314; June 19.
Automobiles, Automatic life-saving fender for. E. S. Jones. 1,468,112; Sept. 18.
Automobiles, Auxiliary seat for. R. F. Pardy. 1,458,628; June 12.
Automobiles, Awning for. A. M. Lane. 1,472,919; Nov. 6.
Automobiles, Backing alarm and signal for. E. M. Sanborn. 1,469,337; Oct. 2.
Automobiles, Bed for. J. Wimp. 1,444,532; Feb. 6.
Automobiles, Boat carrier for. G. M. Clark. 1,475,685; Nov. 27.
Automobiles, Body for. L. B. Cassell. 1,476,051; Dec. 4.
Automobiles, Brake mechanism for. C. D. Brown. 1,470,905; Oct. 16.
Automobiles, Bumper for. P. P. Crabill and J. Turner. 1,476,053; Dec. 4.
Automobiles, Bumper for. G. Hainlen. 1,462,910; July 24.
Automobiles, Bumper support for. A. P. Crell. 1,470,814; Oct. 16.
Automobiles, Cap for fuel tanks of. A. G. Wichner. 1,441,139; Jan. 2.
Automobiles, carriages and the like, Fender brace for. F. L. Bronson. 1,457,144; May 29.
Automobiles, Change-speed mechanism for. U. T. E. Hallman. 1,444,029; Feb. 6.
Automobiles, Child life saver for. M. I. Goldsmith. 1,448,740; Mar. 20.
Automobiles, Clasp for removing disk clutches on. J. Rickart. 1,468,976; Sept. 25.
Automobiles, Clutch-controlling mechanism for. J. A. Ewell. 1,453,386; May 1.
Automobiles, Clutch-spring-compressing device for Chevrolet. A. F. Gross. 1,456,796; May 29.
Automobiles, Combination bed, table, and article carrier for. F. E. Bowden. 1,476,280; Dec. 4.
Automobiles, Combination jack and shock absorber for. J. M. Paul. 1,442,968; Jan. 23.
Automobiles, Combination rear light and signal for. A. Zimmermann. Des. 62,516; June 12.
Automobiles, Combined bed, chair, and rack for. F. A. Rouse. 1,442,972; Jan. 23.
Automobiles, Combined bumper and fender for. M. W. Son. 1,446,942; Feb. 27.
Automobiles, Combined foot brake and accelerator-control mechanism for. T. V. Barton. 1,457,489; June 5.
Automobiles, Combined radiator cap and relief valve for. A. R. Wightman. 1,464,230; Aug. 7.
Automobiles, Combined reserve-fuel control and lock for. A. O. Weber. 1,478,807; Dec. 25.
Automobiles, Control mechanism for. W. W. Whitton. 1,458,258; June 12.
Automobiles, Convertible baby crib and seat for. L. B. Buchner. 1,451,532; Apr. 10.
Automobiles, Convertible body for. H. Mystrom and R. E. Nelson. 1,474,283; Nov. 13.
Automobiles, Cooking attachment for. C. B. Carleton. 1,446,876; Feb. 27.
Automobiles, Demountable rim for. R. Perrault. 1,471,278; Oct. 16.
Automobiles, Device for replacing valve-stem guides for. W. P. Jameson. 1,475,830; Nov. 27.
Automobiles, Device for signaling changes of driving in. E. Hebel. 1,466,044; Aug. 28.
Automobiles, Device to control the temperature of storage batteries in. W. A. Strawmyer and V. Beaman. 1,457,863; June 5.
Automobiles, Device to prevent stealing of. C. Jackson and W. L. Huxter. 1,472,843; Nov. 6.
Automobiles, Direction-indicating device for. G. Prock. 1,440,626; Jan. 2.
Automobiles, Direction indicator for. L. A. Bean. 1,478,542; Dec. 25.
Automobiles, Direction indicator for. C. S. Stevenson. 1,475,657; Nov. 27.
Automobiles, Direction signal and stop signal for. C. Lisi. 1,441,513; Jan. 9.
Automobiles, Direction signal for. J. F. Lynch. 1,470,236; Oct. 9.
Automobiles, Direction signal for. C. Thompson. 1,451,795; Apr. 17.
Automobiles, Direction signal for. O. M. West. 1,456,347; May 22.
Automobiles, Dirigible bumper and headlight for. S. Kuno. 1,464,205; Aug. 7.
Automobiles, Dirigible lamp structure for. G. Laughrin. 1,478,283; Dec. 18.
Automobiles, Dirigible light for. W. E. Stone. 1,460,866; July 3.
Automobiles, Disk demountable wheel for. W. E. Williams. 1,441,771; Jan. 9.
Automobiles, Dog carrier for. H. J. George. 1,444,679; Feb. 6.
Automobiles, Draft appliance for. M. Sepelyak. 1,463,022; July 24.
Automobiles, Drawbar for towing. A. F. Knoop. 1,466,049; Aug. 28.
Automobiles, Dust shield and collector for. H. H. Piper. 1,470,244; Oct. 9.
Automobiles, Electric combination switch for. W. B. Marks. 1,461,429; July 10.
Automobiles, Electric lock and alarm for. S. L. Mathews. 1,445,529; Feb. 13.
Automobiles, Electrical system for. G. Fornaca. 1,447,241; Mar. 6.
Automobiles, Electrically-operated brake mechanism for. W. Davis. 1,449,499; Mar. 27.
Automobiles, Emergency drum for. C. J. Johnson. 1,462,811; July 24.
Automobiles, etc., Gasoline meter for. B. Jedlitschka. 1,450,085; Mar. 27.
Automobiles, Exhaust-operated alarm for. S. Croce. 1,450,138; Mar. 27.
Automobiles, External contracting brake for. H. S. Peed. 1,464,617; Aug. 14.
Automobiles, Flexible bumper means for. P. A. Weigel. 1,472,345; Oct. 30.
Automobiles, Foot accelerator attachment for. J. F. Armstrong. 1,441,053; Jan. 2.
Automobiles, Foot-throttle-controlling mechanism for. P. A. Means. 1,478,131; Dec. 18.
Automobiles, Fuel lock for. A. F. Gantz. 1,476,293; Dec. 4.
Automobiles, Fuel-supply indicator for. W. Jay. 1,444,922; Feb. 13.

Alphabetical list of inventions—Continued.

Automobiles, Hand-operating controlling device for. F. H. Stocking and W. M. Farrow, sr. 1,463,853; Aug. 7.
Automobiles, Hat carrier for. L. P. Crose. 1,473,338; Nov. 6.
Automobiles, Headlight installation for. M. P. Nickols. 1,450,510; Apr. 3.
Automobiles, Heater and fuel saver for. H. T. Rasmussen. 1,456,933; May 29.
Automobiles, Horizontally-moving window for. W. Richardson. 1,453,520; May 1.
Automobiles, Ice creeper for. J. Hess and N. W. Hyatt. 1,448,347; Mar. 13.
Automobiles, Ignition device for. H. R. Patterson. 1,473,585; Nov. 6.
Automobiles, Illuminated license number for. C. J. Hemmert. 1,466,017; Aug. 28.
Automobiles, Illuminated license tag and signal for. W. R. Garner. 1,467,371; Sept. 11.
Automobiles, Illuminating attachment for. A. H. Sell. 1,447,902; Mar. 6.
Automobiles, Illuminating device for. F. W. Becker and J. Lagner. 1,454,465; May 8.
Automobiles, Infant's bed for. C. H. Kraus. 1,449,419; Mar. 27.
Automobiles in freight cars, System for loading. R. E. Baus. 1,456,173; May 22.
Automobiles, Lighting accessory for. W. S. McKenzie and R. Richardson. 1,450,324; Apr. 3.
Automobiles, Locking device and alarm for. F. Hoyt and C. F. Holmes. 1,474,262; Nov. 13.
Automobiles, Locking device for. W. O. Bayless. 1,462,999; July 24.
Automobiles, Locking system for. R. E. Elmore. 1,451,209; Apr. 10.
Automobiles, Lubricating system for. E. H. Haney. 1,470,165; Oct. 9.
Automobiles, Lubricating system for. G. G. Naugle. 1,457,993; June 5.
Automobiles, Luggage-carrier attachment for. F. W. Jackson, and C. E. Willson. 1,444,507; Feb. 6.
Automobiles, Luggage carrier for. M. J. Lautier. 1,458,347; June 12.
Automobiles, Luggage carrier for. R. H. Prichard. 1,478,251; Dec. 18.
Automobiles, Luggage carrier for. W. Watson. 1,444,817; Feb. 13.
Automobiles, Means for utilizing power of. L. J. Gould. 1,462,936; July 24.
Automobiles, Mirror attachment for. J. G. Ross. 1,455,225; May 15.
Automobiles, Motor and steering control for. P. Cassara. 1,455,570; May 15.
Automobiles, Mounting of illuminators or headlights for. E. T. Curran. 1,474,815; Nov. 20.
Automobiles, Multiple-control lock for. C. G. McKinney. 1,441,866; Jan. 9.
Automobiles, Neutral and low gear lock for. W. J. Prosser. 1,478,675; Dec. 25.
Automobiles or other vehicles, Mud shoe for use with. J. W. Teasley and G. M. Giddens. 1,449,020; Mar. 20.
Automobiles or the like, Detachable armrest for. L. S. Paddock. 1,463,293; July 31.
Automobiles, Oven attachment for. J. E. Z. Fowle. 1,461,142; July 10.
Automobiles, Pedal-locking device for. S. C. Barsby, and W. L. Smith. 1,444,298; Feb. 6.
Automobiles, Permutation lock for. R. T. Benefield. 1,466,871; Sept. 4.
Automobiles, Permutation lock for. J. T. Powers. 1,444,640; Feb. 6.
Automobiles, Platform-spring suspension for. A. J. Barron and H. E. Crow. 1,457,138; May 29.
Automobiles, Power attachment for. C. Miller. 1,441,595; Jan. 9.
Automobiles, Radiator for. S. W. Rushmore. 1,455,737; May 15.
Automobiles, Rear-spring support for. H. Knippel. 1,453,467; May 1.
Automobiles, Removable body for. S. Hunter. 1,470,324; Oct. 9.
Automobiles, Reserve carrier for. A. Brodin. 1,463,792; Aug. 7.
Automobiles, Reserve-fuel system for. P. Tanner. 1,458,203; June 12.
Automobiles, Reserve oil tank and gauge for. A. O. Murdock. 1,451,232; Apr. 10.
Automobiles, Reserve oil tank for. A. O. Murdock. 1,445,541; Feb. 13.
Automobiles, Reserve oil tank for. H. H. Waddell. 1,442,502; Jan. 16.
Automobiles, Resilient guard for. W. G. Cox. 1,469,999; Oct. 9.
Automobiles, Safety attachment for. J. M. Alter. 1,458,205; June 12.
Automobiles, Safety crank for. G. F. Rauch. 1,452,758; Apr. 24.
Automobiles, Safety device for. L. Fraser. 1,474,522; Nov. 20.
Automobiles, Safety device for. V. R. Will. 1,471,016; Oct. 16.
Automobiles, Safety device for the clutch-controlling means of. J. Calcaterra. 1,443,307; Jan. 23.
Automobiles, Safety fender for. J. E. Amador. 1,462,928; July 24.
Automobiles, Safety-lock mechanism for. H. Rowntree. 1,466,758; Sept. 4.
Automobiles, Safety support for the spare wheels of. G. Veglio. 1,453,214; Apr. 24.
Automobiles, Shade for windshields of. S. Meadows. 1,467,766; Sept. 11.
Automobiles, Shiftable closing means for. L. W. V. Wilms. 1,470,308; Oct. 9.
Automobiles, Shifting means for transmission gearing for. E. G. Kesling. 1,458,421; June 12.
Automobiles, Side curtain for. R. K. Thomson. 1,453,209; Apr. 24.
Automobiles, Side window for. C. S. Robertson. 1,446,212; Feb. 20.
Automobiles, Sliding-gear transmission for Ford. F. Paedersen. 1,452,754; Apr. 24.
Automobiles, Slot closure for Ford. I. Leiker. 1,472,721–2; Oct. 30.
Automobiles, Slot-closure mat for. A. S. Kinney. 1,451,987; Apr. 17.
Automobiles, Spotlight mounting for. R. H. Butler. 1,444,304; Feb. 6.
Automobiles, Spring crank holder for. C. A. Kellogg. 1,475,836; Nov. 27.
Automobiles, Spring for. H. R. Warren. 1,456,410; May 22.
Automobiles, Starting-crank holder for. J. W. Martin. 1,464,438; Aug. 7.
Automobiles, Starting mechanism for. C. H. Kindl. 1,472,871–2; Nov. 6.
Automobiles, Steering gear for. F. Gahm. 1,441,843; Jan. 9.
Automobiles, Stop for the controlling levers of. F. W. Williams. 1,456,750; May 29.
Automobiles, Suspension spring for. G. H. Dein. 1,456,483; May 22.
Automobiles, Switch mechanism for. B. D. Kunkle. 1,471,741; Oct. 23.
Automobiles, Tension top strap for. B. W. McGinnis. 1,449,614; Mar. 27.
Automobiles, Theft-preventing device for. J. O. Davis. 1,443,009; Jan. 23.
Automobiles, Theft-preventing device for. J. McMullen. 1,462,118; July 17.
Automobiles, Theft-prevention device for. J. N. Farlow. 1,453,497; May 1.
Automobiles, Thief trap for. A. Dawer. 1,464,751; Aug. 14.
Automobiles, Tool-driving attachment for. E. M. Goldner. 1,465,815; Aug. 21.
Automobiles, Tractor attachment for. J. R. Stephenson and O. C. Armstrong. 1,454,911; May 15.
Automobiles, Transmission lock for. G. A. Gillen. 1,448,737; Mar. 20.
Automobiles, Transmission lock for. A. B. Lang. 1,450,212; Apr. 3.
Automobiles, Transmission-lock mechanism for. E. G. Clements. 1,454,576; May 8.
Automobiles, Turning attachment for. A. Hart. 1,441,419; Jan. 9.
Automobiles, Turning indicator for. L. T. Bolkesjö. 1,454,012; May 1.
Automobiles, Ventilating apparatus for. J. T. Sainsbury. 1,478,403; Dec. 25.
Automobiles, Visor for use with. G. L. Lamb. 1,450,809; Apr. 3.
Automobiles, Water-circulating machine run by the fan belt for gasoline engines on. J. C. Voigt. 1,456,684; May 29.
Automobiles, Wind deflector for. J. H. Maulding. 1,443,713; Jan. 30.
Automobiles, Windshield attachment for. H. Higgin. 1,462,545; July 24.
Automobiles, Windshield light shade for. H. C. Elliott. 1,472,904; Nov. 6.
Automotive brake. W. C. McWhirter. 1,461,042; July 10.
Autoplane. R. B. Illgen. 1,445,953; Feb. 20.
Autosleds, Driving device for. J. E. Ollivier. 1,475,406; Nov. 27.
Autos or other vehicles, Bumper or fender for. W. H. Rapeport. 1,454,407; May 8.
Autos or other vehicles, Fender for. W. H. Rapeport. 1,445,554; Feb. 13.
Autos, Reflector for. R. W. Smith. 1,466,567; Aug. 28.
Autos, Sun curtains for. C. M. White and A. K. Small, jr. 1,448,683; Mar. 13.
Autovehicle system. R. Varley. 1,444,403; Feb. 6.
Auxiliary heater. A. Zacharias. 1,440,810; Jan. 2.
Aviation engines, Speed reducer for. M. J. B. Barbarou. 1,449,029; Mar. 20.
Aviation harness. A. Wilson. 1,448,101; Mar. 13.
Aviator's suit. L. J. Morgan. 1,444,699; Feb. 6.
Awl. S. Overgard. 1,458,842; June 12.
Awning. C. B. Norvell. 1,448,673; Mar. 13.
Awning. T. Sonne. 1,459,480; June 19.
Awning and shade, Combined. G. F. Salisbury. 1,466,600; Aug. 28.
Awning construction. W. F. O'Donnell and C. Seybold. 1,451,083; Apr. 10.
Awning control, Interior. F. R. Ashley. 1,474,505; Nov. 20.

Awning-control means. J. R. Maclear. 1,460,359; June 26.
Awning, Drop. J. H. Lockhart. 1,442,956; Jan. 23.
Awning fixture. J. A. Cochran. 1,454,374; May 8.
Awning operators, Cord tightner for. T. Benson. 1,472,742; Oct. 30.
Awning seams, Reenforced. W. E. Bouton. 1,448,516; Mar. 13.
Awnings, Operating mechanism for. F. R. Ashley. 1,459,009; June 19.
Ax. J. A. Johnson. 1,446,046; Feb. 20.
Axis of rotation of a body, Apparatus for the determination of the direction of the. H. Hort. 1,476,077; Dec. 4.
Axle. S. M. Hall. 1,460,962; July 3.
Axle. A. T. Nogrady. 1,444,937; Feb. 13.
Axle. T. Zimmerman. 1,446,240; Feb. 20.
Axle, Adjustable. J. B. Riley. 1,469,698; Oct. 2.
Axle, Adjustable front. J. Ross. 1,453,525; May 1.
Axle and wheel, Combined. F. W. Brandt and C. M. Wiles. 1,447 011; Feb. 27.
Axle and wheel, Rear. S. Hatashita. 1,469,593; Oct. 2.
Axle construction. E. J. Cook. 1,458,684; June 12.
Axle construction. F. S. Duesenberg. 1,476,328; Dec. 4.
Axle construction. G. W. Harper. 1,446,502; Feb. 27.
Axle construction. R. Keck. 1,460,064; June 26.
Axle construction, Driving-. A. T. Brown. 1,446,827; Feb. 27.
Axle construction, Driving-. A. T. Brown. 1,447,959; Mar. 13.
Axle die. R. G. Housdorfer. 1,473,102; Nov. 6.
Axle drive, Motor. W. W. Diller. 1,455,084; May 15.
Axle for road vehicles. A. M. Bünger. 1,475,745; Nov. 27.
Axle housing. J. Coapman. 1,440,658; Jan. 2.
Axle housing and making same. T. E. Murray and T. E. Murray, jr. 1,451,401; Apr. 10.
Axle housings, Device for straightening bent or irregular. D. Camp. 1,462,955; July 24.
Axle journals, Lubricating device for. W. Holtorp. 1,472,363; Oct. 30.
Axle mill. G. S. Hamilton and T. Thomson. 1,460,061; June 26.
Axle-milling machine. W. T. Sears. 1,460,393; July 3.
Axle, Motor-truck. R. A. Whittingham. 1,457,681–2; June 5.
Axle, Power-transmitting. R. W. Fulton. 1,444,908; Feb. 13.
Axle, spring, and steering-knuckle assembly. J. R. Konetsky. 1,465,605; Aug. 21.
Axle steering knuckle. T. W. Conner. 1,464,901; Aug. 14.
Axle straightener. J. E. Hanes. 1,463,082; July 24.
Axle structure, Roller and ball bearing. F. J. Cochran. 1,463,196; July 31.
Axle-truing machine. T. J. Hadden. 1,464,760; Aug. 14.
Axle, Vehicle. A. W. Russel. 1,463,912; Aug. 7.
Axle, Vehicle drive. E. H. Sherbondy. 1,472,441; Oct. 30.
Azo dyestuffs. C. Heidenreich. 1,474,587; Nov. 20.
Azo dyestuffs. R. Stüsser. 1,457,235; May 29.
Azoxy, azo, hydrazo, and amino compounds, Manufacture of. O. W. Brown and C. O. Henke. 1,451,489; Apr. 10.
Babbitting and brassing machine. W. G. Thomas. 1,452,819; Apr. 24.
Baby cage, Portable. E. Read. 1,448,235; Mar. 13.
Baby carrier. K. S. Blekastad. 1,464,404; Aug. 7.
Baby guard. E. H. Madere. 1,463,125; July 24.
Baby home. A. B. Bickham. 1,449,968; Mar. 27.
Baby jumper. A. T. Reid. 1,458,077; June 5.
Baby walker. F. W. Manger. 1,475,442; Nov. 27.
Baby walker, Collapsible. E. Humphreville. 1,463,819–20; Aug. 7.
Baby walker or exerciser. M. G. Fornia. 1,469,436; Oct. 2.
Backband hook. E. W. Bailey. 1,444,762; Feb. 6.
Back rest. A. A. Polhamus and W. A. Gillette. 1,442,772; Jan. 16.
Back rest, Adjustable. F. H. Headley. 1,449,401; Mar. 27.
Backrest, Oscillating. R. M. Boyce. 1,444,536; Feb. 6.
Backs upon objects, Apparatus for placing. F. N. Sanford. 1,441,885; Jan. 9.
Bacon-stringing machine. J. Dvorak. 1,450,667; Apr. 3.
Bacteria, noxious gases, etc., Headpiece for protection from. A. M. Hudson. 1,443,820; Jan. 30.
Bacteria poisons intended for immunizing purposes, Producing. E. Friedberger. 1,448,290; Mar. 13.
Bacteriological propagation, Apparatus for facilitating. G. E. Perry. 1,477,894; Dec. 18.
Badge. G. E. Corbett. Des. 62,814; Aug. 7.
Badge. A. B. Lemon. 1,450,689; Apr. 3.
Badge. M. R. McDaniel. Des. 63,305; Nov. 20.
Badge. M. H. Palmer. Des. 62,742; July 24.
Badge. E. L. Weed. 1,458,091; June 5.
Badge and analogous device. H. W. Draper. 1,463,739; July 31.
Badge, button, and the like holder. C. F. Gaunt. 1,450,721; Apr. 3.
Badge or button. B. I. Reed. Des. 62,293; May 1.
Badge or emblem. R. L. Weyhing. Des. 63,248; Nov. 6.
Badge or insignia. W. L. Panikoff. 1,460,111; June 26.
Badge or similar emblems. E. S. R. Bickel, and P. De Barthe. Des. 61,886; Feb. 6.
Badge-pin clasp. M. Folkman. 1,467,368; Sept. 11.
Bag: *See*—
Air bag.
Clothes bag.
Clothespin bag.
Fabric bag.
Fire rescue bag.
Fruit-picker's bag.
Garment bag.
Golf bag.
Hand bag.
Ice bag.
Mothproof bag.
Powder bag.
Shipping bag.
Shopping bag.
Traveling bag.
Vacuum-cleaner bag.
Water bag.
Bag. A. J. Farnsworth and E. M. St. Claire. 1,453,549; May 1.
Bag. L. H. Hartman and A. M. Bates. 1,444,118; Feb. 6.
Bag. D. Traum. 1,465,195; Aug. 14.
Bag. D. Zukerberg. 1,450,570; Apr. 3.
Bag and camera-carrying case, Combination hand. C. C. Cadwell. 1,478,202; Dec. 18.
Bag, Carrying. V. H. Pendleton. Des. 62,242; Apr. 24.
Bag clasp. T. H. Rammel. 1,446,583; Feb. 27.
Bag clasp. T. H. Rammel. 1,467,589; Sept. 11.
Bag-cleaning machine. H. J. F. T. Kacker. 1,461,850; July 17.
Bag closer. I. T. English. 1,475,759; Nov. 27.
Bag closer. W. L. Gilchrist. 1,446,384; Feb. 20.
Bag closure. O. Bibb. 1,463,113; July 24.
Bag-cutting machine. I. C. Howlett. 1,454,743; May 8.
Bag dispenser. J. F. Keenan. 1,477,501; Dec. 11.
Bag filling and closing machine. J. D. Lane and J. Macnaughtan. 1,454,060; May 8.
Bag-filling apparatus. O. P. Smith. 1,471,928; Oct. 23.
Bag-filling device. E. E. Neal. 1,458,626; June 12.
Bag-filling machine. G. Wainwright. 1,477,198; Dec. 11.
Bag fitting. H. J. Chilton. 1,456,721; May 29.
Bag folding and sealing device. V. Slezak. 1,456,836; May 29.
Bag form. A. M. Bates. Re15,605; May 15.
Bag-forming-tube package. A. M. Bates. 1,455,282; May 15.
Bag frame. F. A. Fuller. 1,453,455; May 1.
Bag frame. R. L. Prahar. 1,451,028; Apr. 10.
Bag frame. R. L. Prahar. 1,473,972–3; Nov. 13.
Bag frame. H. Tueckmantel. 1,446,864; Feb. 27.
Bag frame and clasp. T. H. Rammel. 1,477,281; Dec. 11.
Bag frame and vanity or powder box, Combination. F. Goertz. 1,460,240; June 26.
Bag-frame fastener. J. S. Isidor. 1,452,837; Apr. 24.
Bag-frame fastener. J. S. Isidor. 1,469,478; Oct. 2.
Bag-frame fastener. W. A. Lotz. 1,452,839; Apr. 24.
Bag-frame fastener. H. Tueckmantel. 1,446,865; Feb. 27.
Bag-frame lock. J. Brezin and L. Berzon. 1,445,663; Feb. 20.
Bag frames, Manufacturing. F. A. Fuller. 1,468,941; Sept. 25.
Bag handle. H. J. Chilton. 1,443,560; Jan. 30.
Bag-handle-attaching device. J. Vandenberg. 1,464,516; Aug. 14.
Bag-handling implement. L. C. Paine. 1,477,073; Dec. 11.
Bag holder. C. Andrews, jr. 1,442,113; Jan. 16.
Bag holder. W. J. Borlase. 1,456,175; May 22.
Bag holder. W. J. Borlase. 1,476,045. Dec. 4.
Bag holder. F. L. Cupples. 1,445,269; Feb. 13.
Bag holder. C. J. Hause. 1,457,246; May 29.
Bag holder. T. P. Hilton. 1,449,285; Mar. 20.
Bag holder. D. W. John. 1,467,165; Sept. 4.
Bag holder. D. O. McRoberts. 1,461,802; July 17.
Bag holder, Market-. F. F. Wear. 1,468,848; Sept. 25.
Bag-holding device. H. H. Wood. 1,458,216; June 12.
Bag, Leather hand. C. Stein. Des. 62,930; Aug. 21.
Bag-making machine. J. Vandenberg. 1,476,025; Dec. 4.
Bag-mouth expander. A. J. La Grandeur and E. C. Anderson. 1,468,709; Sept. 25.
Bag opening and filling machine. K. Otting. 1,443,588; Jan. 30.
Bag-opening machine. E. T. Enright. 1,459,880; June 26.
Bag-opening machine. O. N. Ritchie and H. C. Boykin. 1,463,842; Aug. 7.
Bag or net fastener. B. L. Herrick. 1,461,120; July 10.
Bag or parcel tie. C. F. Mitchell. 1,460,207; June 26.
Bag stiffening and closing device, Combined. F. Goertz. 1,451,504; Apr. 10.
Bag support. A. Dinkel. 1,441,666; Jan. 9.
Bag support. H. J. Lebherz. 1,455,536; May 15.
Bag tubes for use in making filled bags, Forming and preparing. A. M. Bates. 1,455,384; May 15.
Bag turner and counter, Combination. O. Williams. 1,465,199; Aug. 14.
Bag, Water. J. W. Patterson. 1,442,358; Jan. 16.
Bags and the like, Means for facilitating the carrying of traveling. A. V. Smith. 1,463,977; Aug. 7.
Bags, Closure for ice. H. P. Kraft. 1,459,735; June 26.
Bags, Constructing hand. T. H. Gotisar. 1,473,932; Nov. 13.
Bags, etc., Spring bracing means for. M. and H. W. Axelman. 1,443,112; Jan. 23.
Bags, Handle for traveling. A. Kahlow. 1,452,243; Apr. 17.
Bags, Hanger for mothproof. G. Rottman. 1,456,610; May 29.
Bags, Making and filling. [illegible] Bates. 1,455,383; May 15.

Bagasse and liquid-fuel furnace. R. Almagro. 1,478,418; Dec. 25.
Baggage rates, Table for computing excess. E. W. Brower. 1,466,444; Aug. 28.
Bail-attaching means. M. Resek. 1,456,716; May 29.
Bail ear and handle, Combination. R. E. Clisby. 1,448,727; Mar. 20.
Bail lock. W. S. Cole. 1,449,267; Mar. 20.
Bailer. A. Boynton. 1,464,239; Aug. 7.
Bailer. G. B. McDonell and E. L. Peck. 1,447,621; Mar. 6.
Bailer. L. A. Rhodes. 1,455,937; May 22.
Bait. C. J. Brown. 1,441,059; Jan. 2.
Bait, Artificial. G. W. Bolton. 1,477,864; Dec. 18.
Bait, Artificial. C. W. Borg. 1,467,750; Sept. 11.
Bait, Artificial. G. H. Doering. 1,473,420; Nov. 6.
Bait, Artificial. G. E. Fenner. 1,466,616; Aug. 28.
Bait, Artificial. W. A. Foss. 1,440,869; Jan. 2.
Bait, Artificial. W. A. Frament. 1,442,332; Jan. 16.
Bait, Artificial. H. J. Gaess. 1,468,148; Sept. 18.
Bait, Artificial. W. Q. Hummell. 1,450,777; Apr. 3.
Bait, Artificial. P. E. Petersen. 1,466,545; Aug. 28.
Bait, Artificial. G. C. Rohrbach 1,444,390; Feb 6.
Bait, Artificial. U. G. Smith. 1,445,916; Feb. 20.
Bait, Artificial. C. F. Taylor and E. Sanders. 1,446,816; Feb. 27.
Bait, Artificial. J. L. Wrege. 1,459,042; June 19.
Bait box, Live-. F. F. Evermann. 1,478,179; Dec. 18.
Bait-casting device. J. D. Brakers. 1,469,883; Oct. 9.
Bait or lure, Fish. L. B. Huntington. 1,460,905; July 3.
Bait, Subsurface fish. W. E. Koch. 1,455,624; May 15.
Bait trap, Artificial-. J. M. Kishpaugh. 1,464,387; Aug. 7.
Baker's implement. W. B. Hadley. 1,452,504; Apr. 24.
Baker's installation. J. M. Gantvoort. 1,454,673; May 8.
Baking device. M. Ivancic. 1,456,238; May 22.
Baking frame. J. J. McConnell. 1,463,124; July 24.
Baking machine. F. Narobe. 1,477,842; Dec. 18.
Baking oven. F. C. Iblee. 1,445,690; Feb. 20.
Baking pan. L. H. Debs. 1,470,274; Oct. 9.
Baking pan. L. H. Debs. 1,477,249; Dec. 11.
Baking pan. K. F. Faelchle. 1,442,931; Jan. 23.
Baking pan. H. J. Hasenbein. 1,466,095; Aug. 28.
Baking pan. A. Katzinger. 1,440,542–3.
Baking pan. H. C. Wierth. 1,464,792; Aug. 14.
Baking pan, Multiple. F. Schultz. 1,443,095; Jan. 23.
Baking-pan set. A. Katzinger. 1,440,544; Jan. 2.
Baking pans and the like, Clamp for. L. H. Debs. 1,470,273; Oct. 9.
Baking, roasting, cooking, and the like, Apparatus for. K. E. R. Nyström. 1,477,844; Dec. 18.
Balancing device, Dynamic. M. C. Hutchinson. 1,447,985; Mar. 13.
Balancing machine. D. Kilgour. 1,453,844; May 1.
Balancing machine, Dynamic. L. B. Whipple. 1,442,316; Jan. 16.
Bale. E. H. Augier. 1,468,130; Sept. 18.
Bale tie. C. J. Rothermel. 1,475,246; Nov. 27.
Bale-tie bands, Method of restoring or rejuvenating. R. Margolius. 1,476,346; Dec. 4.
Bale tie with deformed ends. A. J. Gerrard and P. Wright. 1,448,998; Mar. 20.
Bale ties, Machine for cutting and swaging. A. G. Gerrard and P. Wright. 1,466,334; Aug. 28.
Bale ties, Machine for making. A. J. Gerrard and P. Wright. 1,459,623; June 19.
Baler, Sack. R. McLaughlin. 1,446,472; Feb. 27.
Baling press. T. Cook. 1,461,577; July 10.
Baling-press follower block. L. M. Gray and M. H. Terpening. 1,458,758; June 12.
Ball: *See*—
Captive playing ball. Golf ball.
Float ball. Inflatable ball.
Ball. C. C. Witner and B. Havens. 1,458,672; June 12.
Ball and making same. H. Nye. 1,458,776; June 12.
Ball, Balanced golf. W. I. Thomas. 1,470,302; Oct. 9.
Ball bearing. B. W. Hurd. 1,462,965; July 24.
Ball-bearing swivel sucker-rod joint. R. E. Cox. 1,471,105; Oct. 16.
Ball carrier, Pool-. R. M. Sherrod. 1,457,464; June 5.
Ball-collecting device. J. P. Ryan. 1,463,845; Aug. 7.
Ball-cup-removing device. E. L. Knapp. 1,449,763; Mar. 27.
Ball, float, and the like, Playing. M. M. Dessau. 1,472,865; Nov. 6.
Ball joint. A. B. Shultz. 1,451,964; Apr. 17.
Ball mill. J. F. Isbell. 1,441,584; Jan. 9.
Ball mill. L. L. Sweet and M. Morley. 1,455,456; May 15.
Ball, Playing. R. T. Griffiths. Des. 61,805–6; Jan. 16.
Ball, Playing. H. R. Hart. 1,469,907; Oct. 9.
Ball rack. Pool. G. Kugelman and S. W. Meyers. 1,449,902; Mar. 27.
Ball retainers, Dies for forming. J. Diesk. 1,474,073; Nov. 13.
Ball retainers, Machine for filling. J. Diesk. 1,456,787; May 29.
Ball-rolling apparatus. F. M. Canda. 1,447,121; Feb. 27
Ball-rolling apparatus. F. M. Canda. 1,465,208; Aug. 14.
Ball-roughing machine, Steel-. A. A. Adams. 1,449,483; Mar. 27.
Ball, Rubber. J. W. Weaver. 1,466,609; Aug. 28.
Ball thrust and roller bearing. L. C. Rittmeyer and F. B. Lovejoy. 1,469,537; Oct. 2.
Ball-varnishing machine. C. W. Steele. 1,471,424; Oct. 23.
Ball-winding machine. E. G. Loomis. 1,452,469; Apr. 17.
Ball-winding machine. E. L. Schick. 1,468,406; Sept. 18.
Balling machines, Controlling mechanism for. M. J. Kaspari. 1,452,298; Apr. 17.
Balls and similar articles, Device for use in searching for golf. W. Powers. 1,448,505; Mar. 13.
Balls, Appliance for covering. I. De Gowin. 1,446,885; Feb. 27.
Balls, Device for marking golf. A. B. Horne. 1,476,203; Dec. 4.
Balls, Making game. E. F. Quinn. 1,474,943; Nov. 20.
Balls, Retriever for golf. H. W. Fisher. 1,452,679; Apr. 24.
Ballast-dressing machine. S. F. Clapp. 1,470,058; Oct. 9.
Ballast surfacer. O. Ursino. 1,445,608; Feb. 13.
Ballast tube. P. T. Weeks. 1,470,788; Oct. 16.
Balloon. H. W. Faber. 1,445,878; Feb. 20.
Balloon drive and control, Dirigible-. W. B. Wheeler. 1,471,764; Oct. 23.
Balloon envelope material and manufacturing the same. E. and B. Trenckmann. 1,452,229; Apr. 17.
Balloon fabric and making same. C. A. Cleghorn. 1,460,053; June 26.
Balloon windlass. W. D. Burton. 1,458,219; June 12.
Ballot-marking machine, Fraudless. S. C. Young. 1,476,567; Dec. 4.
Band, Adjustable. K. E. Englund. 1,472,966; Nov. 6.
Band brake. G. W. MacBride and G. C. Bonney. 1,461,803; July 17.
Band-cutter cutting machine. B. F. Stowell. 1,453,609; May 1.
Band cutters, Guide device for. B. F. Stowell and H. L. Washburn. 1,478,774; Dec. 25.
Band, Elastic. G. Dekoff. 1,467,235; Sept. 4.
Band, Infant's. H. L. Redmond. 1,475,921; Nov. 27.
Band, Machine for constructing a laminated cohesive interwound fabric. L. A. Subers. 1,444,809; Feb. 13.
Band or bale tie together, Device for drawing the ends of a. R. L. Horsley. 1,456,311; May 22.
Band saw. D. F. Green and J. F. Stedman. 1,468,381; Sept. 18.
Bandage fastener. W. H. Mercer. 1,465,717; Aug. 21.
Banding and punching machine, Nipple. P. A. Raiche. 1,442,823; Jan. 23.
Banding articles in transit, Method and machine for. L. E. La Bombard and M. H. Sidebotham. 1,454,545; May 8.
Banding machine. P. W. Nasmith. 1,445,156; Feb. 13.
Banding machine, Armature-. B. W. Todd. 1,477,787; Dec. 18.
Bands, Automatically-acting coating device in the manufacture of reenforced fabric. L. A. Subers. 1,445,651; Feb. 20.
Bands, Device for expanding endless. G. H. Lewis. 1,473,822; Nov. 13.
Bands, Protective device for jointed ends of. F. Barth. 1,464,800; Aug. 14.
Band-tying gauge. A. Cook. 1,451,681–2; Apr. 17.
Band-tying gauge. M. Curry and A. Cook. 1,451,685; Apr. 17.
Banjo. J. A. Bolander. 1,454,620; May 8.
Banjo. C. E. Tribull. 1,446,728; Feb. 27.
Banjo. H. W. Weymann. 1,442,756; Jan. 16.
Banjo armrest. C. S. King. 1,459,591; June 19.
Banjo tailpiece. E. O. Winship and F. J. Bacon. 1,462,359; July 17.
Banjos, Resonance device for. F. R. L. Berge. 1,461,596; July 10.
Bank. C. S. Hall. 1,443,125; Jan. 23.
Bank. C. W. Mercier. 1,443,083; Jan. 23.
Bank. A. C. Prince. 1,458,146; June 12.
Bank. C. Smith. Des. 63,335; Nov. 20.
Bank, Book-form savings. B. F. Greer. 1,460,716; July 3.
Bank, Coin. J. Beaulieu. 1,441,324; Jan. 9.
Bank, Coin. F. T. Hughes. Des. 62,089; Mar. 13.
Bank, Coin. H. J. Kusel. 1,447,138; Feb. 27.
Bank, Coin. I. J. Kusel. 1,455,498; May 15.
Bank, Coin. I. J. Kusel. Des. 63,188; Oct. 30.
Bank, Coin. W. D. and J. R. Pennington. 1,473,864; Nov. 13.
Bank, Coin-controlled clock. J. B. Moore and G. D. Gallagher. 1,451,305; Apr. 10.
Bank counter, Safety. H. Stout. 1,458,202; June 12.
Bank-cutting attachment, Sloping-. C. L. George. 1,462,488; July 24.
Bank deposit slip. W. T. Innes. 1,449,999; Mar. 27.
Bank, Frog. N. S. Eberhardt and A. E. Hackett. 1,461,821; July 17.
Bank, Multiple-coin-registering. A. E. Jacobs. 1,474,333; Nov. 13.
Bank panels, Adjustable mounting for terminal-. O. F. Forsberg. 1,456,500; May 29.
Bank, Pocket savings. C. C. Corbett. 1,447,534; Mar. 6.
Bank, Pocket savings. G. B. Keplinger. 1,445,771; Feb. 20.
Bank-protecting device. C. A. Mazzie. 1,463,368; July 31.
Bank protective device. N. R. Green. 1,477,701; Dec. 18.

Bank safety device. C. A. Honsinger. 1,460,584; July 3.
Bank, Savings. C. Fisher. 1,456,227; May 22.
Bank, Savings. F. Madle. 1,468,911; Sept. 25.
Bank, Savings. D. H. Wagar. 1,459,424; June 19.
Bank, Savings. B. C. Williams. 1,462,184; July 17.
Bank, Single-coin-registering. A. E. Jacobs. 1,474,332; Nov. 13.
Bank, Small savings. H. J. Kusel. 1,442,347; Jan. 16.
Bank, Small savings. E. A. Russell. 1,455,510; May 15.
Bank tellers, Safety appliance for. A. Ribaric. 1,466,513; Aug. 28.
Banking apparatus. C. E. Menor. 1,453,512; May 1.
Banks, Counter guard for. F. Wattells. 1,466,217; Aug. 28.
Banks, Safety device for. V. J. Price. 1,445,237; Feb. 13.
Bar: *See*—
Bicycle handle bar.
Boring bar.
Connecting bar.
Deformed bar.
Grate bar.
Grinding bar.
Hydraulic expanding bar.
Hydraulic expansion bar.
Joint bar.
Lingual bar.
Locking bar.
Pinch bar.
Rail-unloading bar.
Reach bar.
Rudder bar.
Sickle bar.
Spray bar.
Stripping bar.
Tracker bar.
Vehicle drawbar.
Bar chair. W. E. White. 1,476,939; Dec. 11.
Bar construction, Temple-. S. J. Clulee. 1,472,014; Oct. 23.
Bar cutter, Angle-. R. T. Connelly. 1,446,415; Feb. 20.
Bar-grinding machine. J. S. Lochhead. 1,457,845; June 5.
Bar pin. A. Bippart. 1,468,255; Sept. 18.
Bar support and clamping device. H. H. Lampert. 1,441,357; Jan. 9.
Bars, Forming curved flanged. R. S. Smith. 1,452,225; Apr. 17.
Bars, Process and apparatus for making flanged. R. S. Smith. 1,477,778; Dec. 18.
Bars, shafts, and the like, Method and machine for tempering. J. E. Smith. 1,448,878; Mar. 20.
Bars, Spacer for reenforcing. W. B. Hough. 1,440,464; Jan. 2.
Barber chair. E. Berninghaus. 1,473,541; Nov. 6.
Barber chair. W. F. Koken. Des. 62,302; May 1.
Barber-chair register. A. Juhasz. 1,440,920; Jan. 2.
Barber-cloth pin. J. C. Hughen. 1,471,265; Oct. 16.
Barber pole. W. F. Koken. Des. 62,301; May 1.
Barber's cabinet. A. A. Massie. 1,476,908; Dec. 11.
Barber's comb. A. Cornellier. 1,457,726; June 5.
Barge, Coaling. L. S. Rosener. 1,443,044; Jan. 23.
Barge, Dump-header. J. Crane. 1,475,279; Nov. 27.
Barge-unloading mechanism. L. S. Rosener. 1,443,045; Jan. 23.
Barges, Apparatus for unloading. L. S. Rosener. 1,462,627; July 24.
Barium sulphate and sodium sulphydrate, Making precipitated. J. B. Pierce, jr. 1,457,934; June 5.
Barium sulphate, Making precipitated. J. B. Pierce, jr. 1,457,935; June 5.
Barium sulphate, Purifying natural. A. L. A. Teillard. 1,456,949; May 29.
Bark-stripping machine. R. Sobalewski. 1,443,968; Feb. 6.
Barking apparatus. H. Guettler. 1,463,887; Aug. 7.
Barrel. C. O. Ewell. 1,451,068; Apr. 10.
Barrel agitator. E. G. Frelinger. 1,464,701; Aug. 14.
Barrel and making same, Sheet-metal. H. J. Foster, E. Gruenfeldt, and G. C. Brainard. 1,441,674; Jan. 9.
Barrel-centering device. E. E. and G. R. Collamer. 1,443,347; Jan. 30.
Barrel chime. O. Thomas. 1,478,360; Dec. 18.
Barrel chimes, Forming sheet-metal. H. J. Foster and O. Thomas. 1,461,729; July 17.
Barrel, Collapsible. N. E. McLoon. 1,474,052; Nov. 13.
Barrel construction. S. W. Forsman. 1,464,869; Aug. 14.
Barrel fastening. J. H. George. 1,465,430; Aug. 21.
Barrel, Flow. W. G. Ricketts. 1,441,945; Jan. 9.
Barrel for locks. A. Borelli. 1,463,495; July 31.
Barrel heads, Machine for making. J. L. Walker. 1,452,010; Apr. 17.
Barrel hoist. W. E. Hanson. 1,476,607; Dec. 4.
Barrel-holding device. B. F. Culver and W. H. Doyle. 1,453,547; May 1.
Barrel, Knockdown. G. A. LeFevre. 1,452,880; Apr. 24.
Barrel-making apparatus. H. M. Nichols. 1,447,032; Feb. 27.
Barrel-making machine. J. L. Walker. 1,460,459; July 3.
Barrel or keg. G. E. Mittinger. 1,453,883; May 1.
Barrel seal. G. R. Rowland. 1,454,488; May 8.
Barrel-sealing device. L. B. Wackman. 1,476,935; Dec. 11.
Barrel-setting-up machine. R. J. McClenny. 1,475,305; Nov. 27.
Barrel stand. A. J. Miller. 1,472,734; Oct. 30.
Barrel stand. C. Skarstad. 1,449,131; Mar. 20.
Barrel structure. W. A. England. 1,449,091; Mar. 20.
Barrel, Tumbling. G. B. Pickop. 1,460,731; July 3.
Barrel-washing machine. J. H. Miller. 1,462,917; July 24.
Barrel, Working. W. W. Warner. 1,466,685; Sept. 4.
Barrels and casks, Making. E. A. Bolinder. 1,476,041; Dec. 4.
Barrels, and the like, Bung structure for metal. F. G. Wacker. 1,473,411; Nov. 6.
Barrels and the like, Cover device for. P. Smith. 1,458,504; June 12.
Barrels, Bung for. O. Thomas. 1,467,698; Sept. 11.
Barrels, Croze ring for. S. W. Forsman. 1,453,068; Apr. 24.
Barrels, Machine for heading up. W. Clark. 1,474,069; Nov. 13.
Barrels, Machine for making. J. L. Walker. 1,460,460; July 3.
Barrels, Tap device for wooden. W. Rupp. 1,478,918; Dec. 25.
Barrette. W. E. Tanner. 1,443,443; Jan. 30.
Barytes, Bleaching. J. B. Scheuer. 1,452,315; Apr. 17.
Barytes, Bleaching. L. K. Ayers. 1,458,461; June 12.
Baseball game board. L. D. Kroff. 1,477,224; Dec. 11.
Baseball game device. C. C. Martin. 1,473,308; Nov. 6.
Baseball glove pad. R. Raymond. 1,465,830; Aug. 21.
Baseball gloves for shipment, Support for use in packing. W. L. Graeff. 1,462,906; July 24.
Baseball mask. H. Goldsmith. 1,475,991; Dec. 4.
Baseball mask. H. Goldsmith. 1,478,982; Dec. 25.
Baseball mask. J. E. Johnstone. 1,449,183; Mar. 20.
Baseball players, Handband or protector for. E. Kobbe. 1,465,223; Aug. 14.
Baseball-umpire's indicator. W. M. Tyner. 1,464,227; Aug. 7.
Baseboard structure, Metallic. G. A. Knapp. 1,453,072; Apr. 24.
Base-exchange material and preparing same. W. H. Green. 1,477,753; Dec. 18.
Basin, Catch. J. H. Bauschard. 1,471,819; Oct. 23.
Basins, Waste control for. W. H. Dehn. 1,462,853; July 24.
Basket. G. W. Ericson. 1,445,673; Feb. 20.
Basket. A. J. Flauder. Des. 62,631; July 10.
Basket. H. R. Garritson. 1,456,376; May 22.
Basket. R. G. Hemphill. 1,448,626; Mar. 13.
Basket. T. D. Massee. 1,440,740; Jan. 2.
Basket and post thereof, Wire. L. G. Beers. 1,464,801; Aug. 14.
Basket carrier. R. H. Nelson. 1,474,728; Nov. 20.
Basket-corrugating machine, Metal-. F. T. Wernimont. 1,462,457; July 17.
Basket-cover fasteners. G. M. Barker. 1,467,891; Sept. 11.
Basket covers, Fastener for. W. E. Morgan. 1,466,801; Sept. 4.
Basket, Dumping. S. B. Williams. 1,447,196; Mar. 6.
Basket, Fruit. P. J. F. Gallagher. 1,471,953; Oct. 23.
Basket, Hand. W. S. McLennan and G. Thomson. 1,447,800; Mar. 6.
Basket, Knockdown. B. R. Williamson. 1,470,792; Oct. 16.
Basket liner. A. F. Ward. 1,464,671; Aug. 14.
Basket, Metal. J. Jantusek. 1,443,576; Jan. 30.
Basket, Mill. H. L. Smith. 1,446,400; Feb. 20.
Basket or receptacle, Display. C. H. Jarvis. 1,472,598; Oct. 30.
Basket or receptacle, Wire. B. H. Fuller. 1,477,700; Dec. 18.
Basket or similar article, Metal. W. Geib. Des. 62,670; July 17.
Basket or the like, Fruit. M. Sherman. Des. 62,036; Mar. 6.
Basket, Paper or cardboard berry. J. S. Parker. 1,451,888; Apr. 17.
Basket-supporting means. J. E. McGee. 1,460,760; July 3.
Basket, Waste. O. C. S. Olsen. Des. 62,959; Aug. 28.
Basket, Waste. J. Schaefer. 1,473,742; Nov. 13.
Baskets and the like, Device for carrying. M. J. Moore. 1,460,554; July 3.
Baskets, Cover cushion for fruit. R. P. Clark. 1,450,911; Apr. 10.
Baskets, Machine for forming sheet-metal. T. Lennox. 1,459,224; June 19.
Baskets, Making. W. E. Asplin and H. A. Wisander. 1,443,941; Feb. 6.
Baskets, satchels, and like containers, Handle for. W. Hamm. 1,453,107; Apr. 24.
Bassinet. N. I. Mills. 1,453,942; May 1.
Baster for cooking, Automatic. H. I. Harvey. 1,460,486; July 3.
Bat, Baseball. F. Sadenwater. 1,450,646; Apr. 3.
Bath: *See*—
Vapor bath.
Bath and basin fitting. F. C. Darling. 1,461,698; July 10.
Bath apparatus, Shower-. H. W. McClure. 1,443,753; Jan. 30.
Bath cabinet, Electrothermal. M. F. Hasemeier. 1,458,182; June 12.
Bath-cap-reenforcing machine. J. W. Brundage. 1,458,801; June 12.
Bath device. G. J. Kollar. 1,451,878; Apr. 17.
Bath fixture, Portable shower-. J. J. Scannell. 1,446,105; Feb. 20.
Bath furnace, Salt-. O. A. Colby. 1,454,847; May 15.

Bath, Portable and collapsible shower. C. Nenoff. 1,450,218; Apr. 3.
Bath, Portable shower. G. F. Hutton. 1,468,863; Sept. 25.
Bath, Vapor or hot-air. I. Friedlander. 1,464,093; Aug. 7.
Bathing cap. L. and M. Auster. 1,465,706; Aug. 21.
Bathing hat or cap. G. Shaw. 1,441,180; Jan. 2.
Bathing suit. M. Green. 1,476,248; Dec. 4.
Bathing suit. A. Panalle. 1,457,264; May 29.
Bathing suit. J. H. Rathman. 1,457,604; June 5.
Bathing-suit carrier. J. Schacht. Des. 63,496; Dec. 11.
Bathing suit, Safety. L. La Rizza. 1,468,505; Sept. 18.
Bathing suits, Trunk hose of. M. Green. 1,476,247; Dec. 4.
Bathing tub. P. Spaleck. 1,445,243; Feb. 13.
Bath receptacle, Sanitary. E. N. Lichtenstein. 1,472,877; Nov. 6.
Bathroom bracket, Separable. E. W. Henger.. 1,446,969; Feb. 27.
Bath salts. H. W. Smith. 1,465,530; Aug. 21.
Bath sponge. G. Fierheller. 1,455,870; May 22.
Bath spray. J. J. Donovan. 1,446,887; Feb. 27.
Bath support. R. Graves. 1,454,112; May 8.
Bath tray. S. C. Wood. 1,450,827; Apr. 3.
Bathtub. L. Wolff. 1,449,877; Mar. 27.
Bathtub appurtenance. H. Edelman. 1,466,895; Sept. 4.
Bathtub, Collapsible. E. Volters. 1,444,487; Feb. 6.
Bathtub, Folding infant's. E. Filipache. 1,442,391; Jan. 16.
Bathtub leg. G. F. Honold. 1,463,955; Aug. 7.
Bathtub stand, Portable. E. K. Johnstone 1,466,047; Aug 28.
Bathtub trap. H. Edelman. 1,444,371; Feb. 6.
Bathtub with heating appliance, Portable. M. H. McGuire. 1,450,444; Apr. 3.
Bathtubs, Attachment for. W. O. Porter. 1,468,744; Sept. 25.
Batter. F. M. Kinnard. 1,462,812; July 24.
Batteries and producing same. Electrode element for galvanic. M. L. Martus. 1,450,004; Mar. 27.
Batteries and the like, Filling device for. O. H. Kolb. 1,457,079; May 29.
Batteries, Automatic system of controlling the charging of storage. O. P. Fritchle. 1,445,580; Feb. 13.
Batteries, Automatic water filler for storage. J. D. Sartakoff and W. V. Forrest. 1,474,169; Nov. 13.
Batteries, Cell connecter for electric. L. Lyndon. 1,472,923; Nov. 6.
Batteries, Cover for containing cells of electric. L. Lyndon. 1,474,829; Nov. 20.
Batteries, Cover plate for storage. A. H. Mones. 1,462,612; July 24.
Batteries, Electrode for alkaline storage. P. Gouin and E. Roesel. 1,447,657; Mar. 6.
Batteries, Electrolyte for storage. H. Ellis, P. S. Hart, and W. G. Nunnelly. 1,459,659; June 19.
Batteries, Grid plate for electric-current storage. R. P. Shatzke. 1,451,058; Apr. 10.
Batteries, Handle for. H. W. Stevenson. 1,472,997; Nov. 6.
Batteries, Manufacture of zinc cylinders for primary. S. O. Cowper-Coles. 1,477,109; Dec. 11.
Batteries, Manufacturing storage. K. W. Gasche. 1,478,708; Dec. 25.
Batteries, Means for sealing storage. J. M. Ahlgren. 1,448,247; Mar. 13.
Batteries, Pillar-post structure for. P. Goldsborough. 1,458,757; June 12.
Batteries, Process and means for removing corroded terminals from storage. G. E. Frohbieter. 1,451,500; Apr. 10.
Batteries, Regenerating lead storage. H. O. Parker. 1,449,833; Mar. 27.
Batteries, Relief mechanism for storage. W. P. Loudon. 1,447,797; Mar. 6.
Batteries, Repairing storage. C. W. Cox. 1,446,882; Feb. 27.
Batteries, Terminal for dry. H. M. Koretzky. 1,460,969; July 3.
Batteries, Terminal seal for storage. B. Ford. 1,472,391; Oct. 30.
Batteries, Tongs for lifting. W. F. Staggers. 1,451,185; Apr. 10.
Batteries, Treating and restoring used storage. M. E. Hunt. 1,477,354; Dec. 11.
Batteries, Vent plug for storage. L. Lyndon. 1,455,344; May 15.
Batteries, Water-feeding apparatus for storage. J. D. Sartakoff. 1,469,963; Oct. 9.
Batteries with water, Means for replenishing storage. H. Watzman. 1,467,966; Sept. 11.
Battery: *See*—

Dry-cell battery.	Poultry feeding battery.
Dry-cell primary battery.	Primary battery.
Electric battery.	Secondary or storage battery.
Galvanic battery.	
High-power dry battery.	Storage battery.

Battery and bulb tester. O. Ohmart. 1,457,597; June 5.
Battery and making the same, Primary. H. Wilhelm. 1,464,838; Aug. 14.
Battery and producing the same, Storage. A. H. Williams. 1,450,533; Apr. 3.
Battery box. F. M. Dooley. 1,458,280; June 12.
Battery box. D. Finley. 1,464,868; Aug. 14.
Battery box and making the same. E. L. Stinn. 1,445,565; Feb. 13.
Battery-box fastener. G. F. Gray. 1,450,034; Mar. 27.
Battery box, Storage-. S. B. and H. S. Howland. 1,441,152; Jan. 2.
Battery boxes, coil boxes, and other similar articles, Composition of matter for making. L. M. Cooper. 1,444,587; Feb. 6.
Battery cabinet. H. C. Goss. 1,470,917; Oct. 16.
Battery cans, Manufacture of dry-. F. G. Breyer and W. H. Finkeldey. 1,451,758; Apr. 17.
Battery carrier. W. W. Young. 1,461,995; July 17.
Battery case and switch. W. H. Rector. 1,457,671; June 5.
Battery cases, Protective covering for. W. E. Holland. 1,447,782; Mar. 6.
Battery-cell container. A. I. Folsom. 1,467,577; Sept. 11.
Battery cell, Storage. W. E. Holland and L. J. Pearson. 1,447,783; Mar. 6.
Battery-charging connector. M. D. Sweet. 1,445,567; Feb. 13.
Battery-charging system. H. M. Jacobs. 1,471,897; Oct. 23.
Battery-charging system. A. H. Neuland. 1,447,318; Mar. 6.
Battery clamp. H. J. Hick. 1,469,595; Oct. 2.
Battery connection. A. Fretschel. 1,470,433; Oct. 9.
Battery connection. J. F. Prax. 1,467,651; Sept. 11.
Battery connection, Storage-. B. B. Blackburn. 1,456,420; May 22.
Battery connecter. J. E. McKee. 1,474,434; Nov. 20.
Battery connector. C. E. Potter. 1,460,604; July 3.
Battery container, Storage-. R. B. Owen. 1,456,565; May 29.
Battery-control device, Electric-. W. V. Turner. 1,454,526; May 8.
Battery-core-making machines, Carbon inserters for. J. Graves. 1,446,041; Feb. 20.
Battery-core-making machines, Ejecting mechanism for. J. Graves. 1,453,869; May 1.
Battery cover. R. S. Mount and F. C. Winkle. 1,445,538; Feb. 13.
Battery elements, Assembling storage-. C. W. Hazelett. 1,478,786; Dec. 25.
Battery elements, Making storage-. L. N. Bent. 1,463,864; Aug. 7.
Battery grid elements, Machine for forming storage-. F. W. Adsit. 1,442,554; Jan. 16.
Battery heater, Electric-. J. E. Schraeder. 1,444,561; Feb. 6.
Battery holder. M. Kammerhoff. 1,471,739; Oct. 23.
Battery ignition system. A. Rosner. 1,456,880; May 29.
Battery jar. W. W. Weitling. Des. 62,295; May 1.
Battery jars, Machine for grinding E. J. Kroeger. 1,445,327; Feb. 13.
Battery lamp and means for operating same, Storage-. H. M. Essington. 1,469,783; Oct. 9.
Battery machines, Conveying mechanism for dry-. L. A. Freedman. 1,441,196; Jan. 2.
Battery-making machines, Heating and cooling device for. L. A. Freedman. 1,441,077; Jan. 2.
Battery mounting and housing. F. G. Alborn. 1,465,660; Aug. 21.
Battery or accumulator, Electric. W. H. Exley and G. H. Handasyde. 1,449,746; Mar. 27.
Battery plate, Storage-. J. Barna. 1,463,788; Aug. 7.
Battery-plate-treating apparatus. J. M. Lea. 1,473,108; Nov. 6.
Battery plates, Handling, drying, and forming pasted. C. M. Angell. 1,451,801; Apr. 17.
Battery plates, Making storage-. R. C. Benner. 1,467,749; Sept. 11.
Battery-post clamp. H. L. Wood. 1,475,914; Nov. 27.
Battery receptacle. J. S. Hobson. 1,478,390; Dec. 25.
Battery rejuvenator. R. E. Carter. 1,468,341; Sept. 18.
Battery separator. H. A. Yarnell. 1,470,518; Oct. 9.
Battery separators, Trimmer for. J. E. Norris. 1,454,399; May 8.
Battery steamer. H. P. Stevens. 1,422,397; Apr. 17.
Battery-strap mold. T. E. Jones. 1,462,364; July 17.
Battery system, Storage-. S. E. McFarland. 1,445,025; Feb. 13.
Battery system, Storage-. R. H. Sullivan. 1,477,197; Dec. 11.
Battery terminal. A. E. Buchenberg. 1,458,901; June 12.
Battery terminal. L. A. Doughty and F. S. Carlile. 1,460,895; July 3.
Battery-testing device. J. W. Martin. 1,448,142; Mar. 13.
Battery-testing instrument. C. W. Terry. 1,464,514; Aug. 14.
Battery vent, Storage-. N. M. Hopkins. 1,452,806; Apr. 24.
Battery vents, Making. H. Weida. 1,475,463; Nov. 27.
Battery water-supplying device, Automatic. A. Menger. 1,471,048; Oct. 16.
Batting. A. C. Brown. 1,442,793; Jan. 23.
Battleships, Gunfire control for. E. A. Sperry. 1,452,484; Apr. 17.
Bayonet wire cutter. P. P. Grabowsky. 1,456,767; May 29.

Beach chair. C. W. Schafer and B. Evers. 1,447,486; Mar. 6.
Beaches and resorts, Means to withdraw surface water from bathing. S. M. Booth. 1,456,759; May 29.
Bead cap, Interrupted. G. Ramsey. 1,464,584; Aug. 14.
Bead chain and splicer for the same. R. R. Rundell. 1,468,169; Sept. 18.
Bead-clasp attachment. C. Grunebaum. 1,449,175; Mar. 20.
Bead fillers, Manufacture of. M. A. Marquette. 1,470,465; Oct. 9.
Bead-forming machine. R. W. Hutchens and S. H. Smith. 1,455,207; May 15.
Bead-making machine. R. McClenathen. 1,451,837; Apr. 17.
Bead-splicing machine. E. D. Putt. 1,475,873; Nov. 27.
Bead threading or display box. W. W. Bolls. 1,467,352; Sept. 11.
Beam bottom form hanger and spacer, Removable. W. R. Thompson. 1,473,888; Nov. 13.
Beam construction. W. I. Tuttle. 1,468,054; Sept. 18.
Beam construction. W. I. Tuttle. 1,478,805; Dec. 25.
Beam hanger. M. Liptak. 1,454,292; May 8.
Beam head. F. Mossberg. 1,465,586–8; Aug. 21.
Beam head. F. Mossberg. 1,473,681; Nov. 13.
Beam heads, Making. F. Mossberg. 1,444,002; Feb. 6.
Beam, Section. R. Thornton. 1,470,946; Oct. 16.
Beam splice, Metallic. J. Mayotte. 1,477,838; Dec. 18.
Beam support. G. Adsit. 1,460,468; July 3.
Beaming machines, Tension-controlling means for. G. W. Kuenneth. 1,452,161; Apr. 17.
Beams and the like, Construction for. W. I. Tuttle. 1,473,410; Nov. 6.
Beams and the like, Head construction for. W. I. Tuttle. 1,475,209; Nov. 27.
Beams, Construction for. W. I. Tuttle. 1,441,462; Jan. 9.
Bean-sorting machines, Feed device for. A. Rocheleau. 1,459,553; June 19.
Bearing. V. G. Apple. 1,474,134; Nov. 13.
Bearing. F. L. Ball. 1,449,488; Mar. 27.
Bearing. A. Bartlemay. 1,473,138; Nov. 6.
Bearing. S. S. Cramer. 1,454,041; May 8.
Bearing. S. and H. Erdahl. 1,470,966; Oct. 16.
Bearing. H. P. Himes. 1,452,603; Apr. 24.
Bearing. W. Holtorp. 1,451,222; Apr. 10.
Bearing. J. F. Johnson. 1,442,477; Jan. 16.
Bearing. C. L. Kennedy. 1,467,673; Sept. 11.
Bearing. F. E. Kent. 1,448,122; Mar. 13.
Bearing. A. Kingsbury and H. A. S. Howarth. 1,444,839–41; Feb. 13.
Bearing. J. Masin. 1,462,716; July 24.
Bearing. C. A. Olcott. 1,443,884; Jan. 30.
Bearing. R. S. Rodgers. 1,477,718; Dec. 18.
Bearing. M. A. Ross. 1,450,307–9; Apr. 3.
Bearing. J. Selik. 1,448,157; Mar. 13.
Bearing. J. H. Smith. 1,457,555; June 5.
Bearing. C. H. Veeder. 1,444,765; Feb. 6.
Bearing. F. L. O. Wadsworth. 1,441,614; Jan. 9.
Bearing. F. L. O. Wadsworth. 1,445,188; Feb. 13.
Bearing, Adjustable. A. L. Calvert. 1,447,587; Mar. 6.
Bearing, Adjustable. E. L. Feese. 1,455,328; May 15.
Bearing, Adjustable. E. E. Johns. 1,451,224; Apr. 10.
Bearing, Adjustable ball. S. Munson. 1,457,184; May 29.
Bearing adjuster, Automatic. J. F. Rose. 1,453,184; Apr. 24.
Bearing and drive, Combined resilient. B. F. Seymour. 1,477,913; Dec. 18.
Bearing and gear removing tool. A. B. Klay. 1,478,964; Dec. 25.
Bearing and making same. H. Selker. 1,460,515; July 3.
Bearing and making same, Antifriction. S. B. Haseltine. 1,447,386; Mar. 6.
Bearing and making the same, Roller. C. S. Lockwood. 1,441,691; Jan. 9.
Bearing and range indicator, Enemy. J. Simpson. 1,478,585; Dec. 25.
Bearing and shaft-centering device, Antifriction. S. S. Tooker. 1,453,028; Apr. 24.
Bearing and transmission, Combined resilient. B. F. Seymour. 1,462,384–6; July 17.
Bearing, Antifriction. W. E. Baker. 1,446,633; Feb. 27.
Bearing, Antifriction. H. E. Brunner. 1,448,189; Mar. 13.
Bearing, Antifriction. C. E. Dath. 1,476,055; Dec. 4.
Bearing, Antifriction. A. J. Gillespie. 1,464,316; Aug. 7.
Bearing, Antifriction. C. P. Hagenlocher. 1,447,844; Mar. 6.
Bearing, Antifriction. C. D. Jenks and H. M. Perry. 1,456,984; May 29.
Bearing, Antifriction. H. C. Knowles. 1,474,081; Nov. 13.
Bearing, Antifriction. C. A. Nelson. 1,467,063; Sept. 4.
Bearing, Antifriction. J. F. O'Connor. 1,456,996–7; May 29.
Bearing, Antifriction. W. B. Reynolds. 1,442,907; Jan. 23.
Bearing, Antifriction. F. M. Slater. 1,464,666; Aug. 14.
Bearing, Antifriction roller. J. T., R. A., and J. A. Rice. 1,458,150; June 12.
Bearing, Antifriction side. J. F. O'Connor. 1,453,695; May 1.
Bearing, Antifriction sliding. D. C. Harris. 1,477,260; Dec. 11.
Bearing, Antisand. G. W. Price and C. F. Zimansky. 1,456,713; May 29.
Bearing, Automatically-adjustable. O. M. Leich. 1,458,658; June 12.
Bearing, Axle. J. D. Cité. Re15,599; May 15.
Bearing, Ball. B. M. W. Hanson. 1,467,378; Sept. 11.
Bearing, Ball. H. N. Parsons. 1,459,858; June 26.
Bearing, Ball or roller. A. W. Forbes. 1,471,254; Oct. 16.
Bearing box, Adjustable. J. J. Gunn. 1,453,936; May 1.
Bearing burning-in and running in machine, Engine-. J. H. Staley. 1,452,446; Apr. 17.
Bearing burning-in attachment. G. E. Garey. 1,470,722; Oct. 16.
Bearing cage. J. E. Shafer. 1,442,978; Jan. 23.
Bearing cage and making same, Roller-. H. H. Timken. 1,446,487; Feb. 27.
Bearing, Cage for roller. S. G. Wingquist. 1,473,168; Nov. 6.
Bearing cage, Roller-. R. F. Bower. 1,466,689; Sept. 4.
Bearing cage, Roller-. J. F. Foster. 1,444,964; Feb. 13.
Bearing cap, Adjustable. H. R. Westwell. 1,453,962; May 1.
Bearing center, Ball-. E. E. Schnelle. 1,442,364; Jan. 16.
Bearing, Clutch-actuating thrust. S. O. White and A. E. Sturdivant. 1,473,801; Nov. 13.
Bearing, Composite roller. J. Kuttner. 1,454,057; May 8.
Bearing, Composite wood and metal. V. N. Romano. 1,442,445; Jan. 16.
Bearing construction. V. W. Pagé. 1,464,393; Aug. 7.
Bearing cups and cones and the like, Manufacture of roller-. H. H. Timken. 1,441,892; Jan. 9.
Bearing cups and the like, Manufacture of roller. M. T. Lothrop. 1,472,922; Nov. 6.
Bearing cups, sleeves and the like, Device for pulling. C. H. Alexander. 1,459,131; June 19.
Bearing device. V. Gentry. 1,446,173; Feb. 20.
Bearing, Electrically-insulated. A. Kingsbury. 1,456,804; May 29.
Bearing end closure, Ball-. H. R. Reynolds. 1,449,190; Mar. 20.
Bearing, End-thrust ball. J. J. McQuaid and N. W. Samuels. 1,469,424; Oct. 2.
Bearing extractor. E. P. Campbell. 1,464,693; Aug. 14.
Bearing, Floating jewel. K. B. Glenn. 1,469,079; Sept. 25.
Bearing, Fluid-cooled. C. B. Mills. 1,473,827; Nov. 13.
Bearing for bicycle crank shafts, etc., Antifriction. H. W. Batcheller. 1,457,954; June 5.
Bearing for coil regulators. R. E. Marbury. 1,469,231; Oct. 2.
Bearing for gang saws, Sway-bar. L. Crane. 1,471,649; Oct. 23.
Bearing for gravity carriers, Antifriction. H. J. Buck. 1,445,821; Feb. 20.
Bearing for gyroscopes. H. Hart. 1,448,404; Mar. 13.
Bearing for hydraulic machines, Shaft. J. Overn, jr. 1,477,764; Dec. 18.
Bearing for scales and other mechanisms, Disk. E. E. Wolf. 1,470,042; Oct. 9.
Bearing for sugar mills and the like, Hydraulic. G. C. Mitchell. 1,461,135; July 10.
Bearing for vehicle wheels. L. La France. 1,443,417; Jan. 30.
Bearing for wheels, Antifriction roller. W. M. Barnes. 1,443,829; Jan. 30.
Bearing holder. M. B. Banowetz. 1,460,011; June 26.
Bearing, Horizontal thrust. H. A. S. Howarth. 1,447,665; Mar. 6.
Bearing, Horizontal thrust. A. Kingsbury. 1,443,879; Jan. 30.
Bearing housing, Sheave-. J. H. Foote. 1,460,541; July 3.
Bearing, Journal. H. E. Brunner and W. Jetter. 1,468,134; Sept. 18.
Bearing, Journal. L. Cipra. 1,466,930; Sept. 4.
Bearing, Journal. C. Dueker. 1,475,110; Nov. 20.
Bearing, Lubricated roller side. E. G. Busse. 1,453,700; May 1.
Bearing, Main. W. T. Price. 1,453,518; May 1.
Bearing material and making same. R. G. Guptill. 1,464,569; Aug. 14.
Bearing, Meter. W. E. Porter. 1,459,987; June 26.
Bearing mounting. C. N. Benson. 1,451,523; Apr. 10.
Bearing, Multiple-roller. A. H. Jones. 1,465,788; Aug. 21.
Bearing, Multiple-unit. H. A. S. Howarth. 1,459,468; June 19.
Bearing, Pivot. F. H. Chapman. 1,470,665; Oct. 16.
Bearing, Pivot. S. N. Hurt. 1,478,123; Dec. 18.
Bearing plates, Shim for center-. C. E. Dath. 1,453,661; May 1.
Bearing-race remover. W. A. Bates. 1,473,075; Nov. 6.
Bearing, Radial ball. C. P. Breese. 1,443,115; Jan. 23.
Bearing, Replaceable. C. Oertli. 1,445,408; Feb. 13.
Bearing, Resilient. B. F. Seymour. 1,477,907; Dec. 18.
Bearing rings, Manufacture of. C. F. Sultemeyer. 1,452,535; Apr. 24.
Bearing rings, Manufacturing antifriction. H. E. Brunner. 1,451,531; Apr. 10.

Alphabetical list of inventions—Continued.

Bearing, Roller. L. W. Close. 1,477,164; Dec. 11.
Bearing, Roller. F. A. Critz, jr. 1,459,974; June 26.
Bearing, Roller. V. A. Fynn. 1,443,915; Jan. 30.
Bearing, Roller. A. E. Griffith. 1,454,785; May 8.
Bearing, Roller. H. J. Heider. 1,451,825; Apr. 17.
Bearing, Roller. C. E. McNutt. 1,474,600; Nov. 20.
Bearing, Roller. T. G. Rennerfelt. 1,462,379; July 17.
Bearing, Roller. W. Rietz. 1,458,594; June 12.
Bearing, Roller. L. Rouanet. 1,458,954; June 19.
Bearing, Roller. W. V. Seifert. 1,448,771; Mar. 20.
Bearing, Roller. O. R. Wikander. 1,447,453; Mar. 6.
Bearing, Roller. O. R. Wikander. 1,447,704; Mar. 6.
Bearing, Roller side. A. B. Severn. 1,446,859; Feb. 27.
Bearing, Roller side. A. Stucki. 1,463,602; July 31.
Bearing, Roller side. A. Stucki. 1,464,275; Aug. 7.
Bearing, Roller side. A. Stucki. 1,477,195–6; Dec. 11.
Bearing, Sealed. C. L. McCuen. 1,457,584; June 5.
Bearing, Self-adjusting. C. R. Brink. 1,447,339; Mar. 6.
Bearing, Separator spindle. W. H. F. Smith. 1,446,134; Feb. 20.
Bearing, Shaft. J. I. Guetl. 1,457,831; June 5.
Bearing, Shaft. O. Junggren. 1,463,018; July 24.
Bearing, Shaft. W. R. Layne. 1,454,682; May 8.
Bearing, Side. L. W. Barber and E. W. Webb. 1,448,719; Mar. 20.
Bearing, Side. W. A. Geiger. 1,442,874; Jan. 23.
Bearing, Side. J. F. O'Connor. 1,444,204; Feb. 6.
Bearing sleeve. C. F. King. 1,445,693; Feb. 20.
Bearing-sleeve puller. R. A. Slough. 1,444,280; Feb. 6.
Bearing sleeve, Resilient. H. R. Lontz. 1,451,428; Apr. 10.
Bearing sleeves, Making resilient. H. R. Lontz. 1,451,429; Apr. 10.
Bearing, Submerged. H. E. Kellogg. 1,462,366; July 17.
Bearing support. S. A. Dobyne. 1,477,250; Dec. 11.
Bearing, Thrust. W. H. Lieber. 1,457,081; May 29.
Bearing, Thrust. F. R. McGee. 1,476,345; Dec. 4.
Bearing, Thrust. R. C. Newhouse. 1,457,086; May 29.
Bearing, Thrust. E. M. Souvielle. 1,459,452; June 19.
Bearing, Thrust. H. R. Trotter. 1,459,454; June 19.
Bearing, Unitary sheet-metal incased. F. E. Mueller. 1,444,751; Feb. 6.
Bearing, Walking-beam. A. L. Halliday. 1,476,334; Dec. 4.
Bearing, Wheel. L. Cerrato. 1,457,653; June 5.
Bearings and pedestals, Liner, bush, and the like for. G. A. R. Kühne. 1,470,754; Oct. 16.
Bearings and the like, Process and apparatus for burnishing cones for roller. H. H. Timken. 1,441,893; Jan. 9.
Bearings, Apparatus for lubricating ball. H. R. Reynolds. 1,467,686; Sept. 11.
Bearings, Apparatus for resurfacing. K. O. Muehlberg. 1,470,635; Oct. 16.
Bearings, Attachment for. J. A. Anderson. 1,455,515; May 15.
Bearings, Ball cage for radial ball. E. Staake. 1,463,299; July 31.
Bearings, Cage for antifriction. G. R. Bott. 1,459,718; June 26.
Bearings, Composition for facilitating the fitting of. C. P. Merry. 1,458,772; June 12.
Bearings, Crank shaft and connecting-rod. W. C. Bell. 1,451,608; Apr. 10.
Bearings, Device for detecting overheated. J. P. Leonard. 1,451,044; Apr. 10.
Bearings, Die for lining. F. Gerhardt. 1,474,775; Nov. 20.
Bearings, Dust guard for. T. J. Litle. 1,473,110; Nov. 6.
Bearings, Exterior adjuster for journal. C. F. Livenspargar. 1,478,393; Dec. 25.
Bearings, Forming rollers for roller. J. Bingham. 1,446,447; Feb. 27.
Bearings, Grease retainer for journal. G. A. Boyer. 1,460,939; July 3.
Bearings, Key adjuster for connecting-rod. V. York. 1,460,877; July 3.
Bearings, Lubricating system for roller. J. V. Zupnik. 1,455,981; May 22.
Bearings, Making ball. O. H. Lehmann. 1,477,570; Dec. 18.
Bearings, Making cages for. T. V. Buckwalter. 1,444,326; Feb. 6.
Bearings, Making divided. R. M. Roof. 1,455,939; May 22.
Bearings, Making split bushings for. W. H. Sharpe. 1,440,559; Jan. 2.
Bearings, Manufacture of antifriction. H. M. Rockwell. 1,453,366; May 1.
Bearings, Manufacturing ball or roller cages for antifriction thrust. E. H. W. Weibull. 1,465,700; Aug. 21.
Bearings, Means for checking the wear of shaft. O. W. Pfeffer. 1,452,571; Apr. 24.
Bearings, Means for preventing displacement of rollers in roller. P. A. E. Armstrong. 1,469,991; Oct. 9.
Bearings, Method and apparatus for making ball. R. H. Fox. 1,441,842; Jan. 9.
Bearings, Milling tool for. O. A. Younger. 1,444,649; Feb. 6.
Bearings of internal-combustion motors, Apparatus for burning in. W. B. Nienkirk. 1,466,740; Sept. 4.
Bearings of rotary machines, Self-aligning support for cylinder. W. G. E. Rolaff. 1,441,375; Jan. 9.
Bearings of rotatable members, Lubricating mechanism for. C. E. Needham. 1,466,455; Aug. 28.
Bearings or the like, Making. C. Berthet. 1,441,325; Jan. 9.
Bearings, Puller for sleeve. C. W. Tracy. 1,466,976; Sept. 4.
Bearings, Roller cage for roller. T. R. Blomberg. 1,443,340; Jan. 30.
Bearings, Taking up wear in. C. A. Miller. 1,444,628; Feb. 6.
Beater. P. Hazzard. 1,465,940; Aug. 28.
Beater. F. Westerman. 1,475,978; Dec. 4.
Beater rolls, Means for raising and lowering. T. D. Griley. 1,471,480; Oct. 23.
Beating apparatus. S. J. Jembrzycki. 1,467,989; Sept. 11.
Beating engine. J. A. De Cew. 1,444,957; Feb. 13.
Beating engine. W. Rabus. 1,474,442; Nov. 20.
Beating machine. P. R. Glass. 1,458,177; June 12.
Beauty box. G. Kollstede. 1,443,542; Jan. 30.
Beaver trap. T. H. Scheffer and L. K. Couch. 1,472,683; Oct. 30.
Bed. T. D. Anderson. 1,452,104; Apr. 17.
Bed. F. A. Garbutt. 1,475,010; Nov. 20.
Bed. T. H. Griffith. 1,450,497; Apr. 3.
Bed. L. S. Hackney. 1,466,373; Aug. 28.
Bed. M. J. Newman and M. Iannetti. 1,448,935; Mar. 20.
Bed. S. A. Russell. 1,476,371; Dec. 4.
Bed. W. M. Schmitt. Des. 63,662; Dec. 25.
Bed and couch. D. T. Owen. 1,441,709; Jan. 9.
Bed and douche pan. C. R. Mack. 1,468,603; Sept. 18.
Bed and luggage carrier, Combined. F. C. Clauson and J. F. Blasauf and L. V. Hose. 1,466,984; Sept. 4.
Bed and means for carrying same, Automobile camp. G. G. Kibbee. 1,459,972; June 26.
Bed and table, Combination. C. Heller. 1,473,370; Nov. 6.
Bed, Antivermin. L. Royák. 1,464,397; Aug. 7.
Bed attachment. V. Bouza. 1,440,906; Jan. 2.
Bed, Auto. S. A. Miller. 1,446,716; Feb. 27.
Bed, Auto camp. F. H. Dudley. 1,454,670; May 8.
Bed, Automobile. C. G. Keller. 1,467,856; Sept. 11.
Bed, Automobile. C. Krey. 1,456,384; May 22.
Bed, Automobile. J. B. Young. 1,473,413; Nov. 6.
Bed, Auxiliary. C. Korp. 1,442,157; Jan. 16.
Bed, Baby. J. L. James. 1,449,046; Mar. 20.
Bed bathing apparatus. L. E. Bernier. 1,451,437; Apr. 10.
Bed bottom. W. J. Cole. 1,447,294; Mar. 6.
Bed bottom. M. A. Oliver. 1,475,860; Nov. 27.
Bed-bottom hanger. C. Fuchs. 1,449,747; Mar. 27.
Bed bottoms, Auxiliary spring attachment for spring. S. Rosenbloom. 1,463,295; July 31.
Bed, Camp. H. Barkman. 1,445,195; Feb. 13.
Bed canopy. E. M. Wilson. 1,443,301; Jan. 23.
Bedclothes holder. C. N. Prouty. 1,461,199; July 10.
Bed, Collapsible. F. M. Stoll. 1,444,143; Feb. 6.
Bed, Collapsible camp. J. V. Dyrr. 1,477,044; Dec. 11.
Bed, Combination chair. H. R. Turner. 1,442,197; Jan. 16.
Bed construction. M. Lipps. 1,476,089; Dec. 4.
Bed construction. L. D. Scott. 1,451,181; Apr. 10.
Bed, Cooling. G. M. Smith. 1,463,634; July 31.
Bed, Cooling. G. E. Thackray. 1,441,042; Jan. 2.
Bed corner. M. Rosenberg. 1,458,245; June 12.
Bed-corner fastening. G. H. Williams. Re15,563; Mar. 13.
Bed, Couch. B. C. Poston. 1,456,146; May 22.
Bed, Couch. E. Turgeon. 1,451,829; Apr. 17.
Bedcover fastener, Adjustable. J. A. Petzold. 1,463,402; July 31.
Bed, cushion, and the like, Air. M. M. Dessau. 1,446,290; Feb. 20.
Bed, dresser, and chiffonier, Combination. A. Rybicky. 1,464,295; Aug. 7.
Bed, Extension. E. F. Wanamaker. 1,457,129; May 29.
Bed, Foldable. W. H. McWilliams. 1,449,617; Mar. 27.
Bed, Foldable disappearing. O. Konrad. 1,448,127; Mar. 13.
Bed, Folding. J. Haugland. 1,464,605; Aug. 14.
Bed, Folding. G. R. McAllaster. 1,456,988; May 29.
Bed, Folding. H. Mintz. 1,477,659; Dec. 18.
Bed, Folding and tent. R. B. Hosner. 1,463,267; July 31.
Bed, Folding automobile. C. Mandel. 1,457,984; June 5.
Bed footpieces, Automatic locking device for wall-. N. Sinclair. 1,454,523; May 8.
Bed for automobiles, boats, etc. W. Peck. 1,472,491; Oct. 30.
Bed for automobiles, Camping. M. Steel. 1,465,925; Aug. 21.
Bed for automobiles, Collapsible. S. E. Lane. 1,478,611; Dec. 25.
Bed for children or infants. J. Szabó. 1,440,943; Jan. 2.
Bed for vehicles, Folding. B. E. Crain. 1,478,358; Dec. 18.
Bed-frame construction. M. Hering. 1,442,779; Jan. 16.
Bed-frame corner piece. H. Schwartz. 1,441,604; Jan. 9.
Bed frame, Folding. H. R. Basford. 1,476,279; Dec. 4.
Bed, Hospital. F. X. Hill. 1,447,470; Mar. 6.
Bed, Invalid. F. R. Bumgardner. 1,453,970; May 1.
Bed, Invalid. C. F. Mehl. 1,459,112; June 19.

Bed, Invalid. W. W. Zachary. 1,443,667; Jan. 30.
Bed, Invalid's. W. A. McCollough. 1,476,902; Dec. 11.
Bedlamp shade. R. W. Ade. 1,468,451; Sept. 18.
Bed lock. P. Cobb. 1,467,606; Sept. 11.
Bed manifolding device, Flat-. J. Q. Sherman. 1,471,287; Oct. 16.
Bed multicopy machine, Flat-. J. Q. Sherman and A. W. Metzner. 1,454,821; May 8.
Bed, Operating. F. J. Plondke. 1,464,661; Aug. 14
Bed, Portable and collapsible. F. M. Stoll. 1,444,144; Feb. 6.
Bed-rail fastener. A. S. Putnam. 1,477,592; Dec. 18.
Bed-rail joint. D. H. Davenport. 1,441,835; Jan. 9.
Bed rests, Mattress-holding attachment for. J. P. Freemon. 1,467,369; Sept. 11.
Bed, Reversible. R. L. Purdon. 1,466,599; Aug. 28.
Bed shield. G. L. Marvin. 1,472,731; Oct. 30.
Bed, Ship's. Y. Hayashi. 1,446,421; Feb. 20.
Bed, Shock-absorbing. W. O. Broyles. 1,444,726; Feb. 6.
Bedspread. A. W. Baylis. Des. 63,212–16; Nov. 6.
Bedspring. J. A. Dorn. 1,459,620; June 19.
Bedspring. C. H. Gail. 1,455,873; May 22.
Bed, Spring. A. R. Masters. 1,475,402; Nov. 27.
Bedspring. E. H. Switzer. 1,448,471; Mar. 13.
Bedspring, Box. C. H. Gail. 1,455,872; May 22.
Bedspring fabric. C. H. Gail. 1,457,430; June 5.
Bedspring frame. B. K. Ford. 1,454,964; May 15.
Bedspring structure. W. O. Lathrop. 1,456,738; May 29.
Bedspring support. C. Hobert. 1,472,361; Oct. 30.
Bedspring support. W. H. Matthews. 1,460,262; June 26.
Bedsprings, Link fabric for. J. Schwartzman. 1,464,834; Aug. 14.
Bedstead. J. A. Caldwell. 1,474,237; Nov. 13.
Bedstead construction. A. Gilder. 1,471,556; Oct. 23.
Bedstead corner lock. J. F. Gail and C. H. Busch. 1,470,072; Oct. 9.
Bedstead end frame. F. Anderson. Des. 62,357; May 15.
Bedstead end frame. J. H. Dyett. Des. 63,640; Dec. 25.
Bedstead, End frame for a. W. Lies. Des. 62,575; June 26.
Bedstead frame. L. Rorimer. Des. 62,245; Apr. 24.
Bedstead frame. C. A. Stuart. Des. 62,806–7; July 31.
Bedstead-frame ornament. B. M. Frank. Des. 63,142–6; Oct. 16.
Bedstead lock. H. J. Horwich and E. A. Steinman. 1,445,317; Feb. 13.
Bedstead lock and stiffener. H. J. Horwich and E. A. Steinman. 1,445,318; Feb. 13.
Bedstead, Metal. J. A. Blin. 1,478,937; Dec. 25.
Bedsteads, Corner connection for. L. R. Dougherty. 1,443,071; Jan. 23.
Bedsteads, Corner fastening for. M. Lowy. 1,444,078; Feb. 6.
Bedsteads, Device for tilting the mattress-supporting frame of. F. W. Glass. 1,466,711; Sept. 4.
Bed structure, Davenport-. H. and N. M. Freedman. 1,456,635; May 29.
Bed, Vehicle. R. E. Byrne. 1,454,037; May 8.
Bed warmer, Electric. H. Guggenbühl. 1,476,073; Dec. 4.
Beds and the like, Lamp fixture for. L. Roth. 1,462,498; July 24.
Beds and the like, Suspension support for. M. O'Flanagan. 1,473,311; Nov. 6.
Beds, Attachment for. J. R. Anderson. 1,460,306; June 26.
Beds, Bookstand attachment for. L. C. Sanchez. 1,470,487; Oct. 9.
Beds, Canopy for automobile. C. D. McDonald. 1,454,395; May 8.
Beds, Corner fastener for. W. J. Duvall. 1,476,499; Dec. 4.
Beds, Device for use with. J. T. Bennett. 1,468,624; Sept. 25.
Beds, Smoker's stand attachment for. W. Scyzoryk. Des. 63,202; Oct. 30.
Beef-carcass-splitting machine. J. S. Hunter. 1,465,604; Aug. 21.
Beehive. M. David. 1,447,713; Mar. 6.
Beehive. H. McKay. 1,476,453; Dec. 4.
Beehive. W. J. Platten. 1,441,524; Jan. 9.
Beehive. J. Toth. 1,461,950; July 17.
Beehive hood and condition indicator. J. B. Cottam. 1,470,112; Oct. 9.
Beehive opener. O. Waggoner. 1,448,609; Mar. 13.
Beehives, Ventilating gate for. J. B. Cottam. 1,468,995; Sept. 25.
Bee supers, Cart structure for handling. R. Littlefield. 1,449,011; Mar. 20.
Bees, Feed box for. B. Troilo. 1,455,459; May 15.
Beet lifter. J. M. Henton. 1,477,561; Dec. 18.
Beet loader. V. Castillo. 1,444,829; Feb. 13.
Beet loader. J. T. Hough. 1,455,914; May 22.
Beet puller. O. A. Thomas. 1,462,948; July 24.
Beet puller. C. E. White. 1,451,725; Apr. 17.
Beet-slicing machine. D. H. Spicer. 1,474,797; Nov. 20.
Beet storage, Sugar-. H. G. Schwarz. 1,478,534; Dec. 25.
Beet topper. C. A. J. Andersen. 1,454,501; May 8.
Beet topper. M. B. Andrus. 1,465,798; Aug. 21.
Beet topper. A. Bailey. 1,467,415; Sept. 11.
Beet topper. J. L. Byrne and F. V. Scneder. 1,472,959; Nov. 6.
Beet topper. B. Kaczmarski. 1,471,738; Oct. 23.
Beet topper. A. P. Mortensen. 1,466,889; Sept. 4.
Beet topper. S. L. Pond and G. E. Simkins. 1,467,650; Sept. 11.
Beet topper. H. L. Sparks. 1,450,872; Apr. 3.
Beet-topping machine. A. M. Ricks. 1,445,449; Feb. 13.
Beet-topping mechanism. C. L. and C. W. Greening. 1,462,907; July 24.
Bell, Alternating-current electric. C. J. Rohland. 1,456,282; May 22.
Bell and buzzer, Combined. J. W. Cox. 1,470,062; Oct. 9.
Bell, Bicycle. J. R. Kidney. 1,457,705; June 5.
Bell-cord hanger. J. Eckert. 1,477,549; Dec. 18.
Bell, Electric. R. B. Benjamin. 1,474,014; Nov. 13.
Bell guide. E. R. Davis. 1,444,063; Feb. 6.
Bell guides, Making. E. R. Davis. 1,469,296; Oct. 2.
Bell ringer. L. McCleary. 1,455,635; May 15.
Bell ringer, Automatic. J. W. Buckland. 1,461,177; July 10.
Bell ringer, Pneumatic. A. E. Billger. 1,474,925; Nov. 20.
Bellyband connection. L. C. Wood. 1,454,306; May 8.
Belt. F. H. George. 1,440,980; Jan. 2.
Belt. F. H. George. 1,447,243; Mar. 6.
Belt. F. M. Herz. Des. 62,819; Aug. 7.
Belt. L. A. Lasater. 1,463,553; July 31.
Belt. E. S. Mix. 1,459,113; June 19.
Belt. F. C. Shipps. 1,458,553; June 12.
Belt. M. J. Smith. 1,477,084; Dec. 11.
Belt. R. W. Welch. 1,478,497; Dec. 25.
Belt. J. Willen. 1,469,865; Oct. 9.
Belt, Abdominal and kidney. A. S. Montgomery. 1,477,583; Dec. 18.
Belt and making same. H. L. and U. A. Poulin. 1,452,704; Apr. 24.
Belt and making same, Endless. W. H. Bradshaw. 1,442,922; Jan. 23.
Belt and making same, Fabric. H. A. Cobaugh. 1,478,025; Dec. 18.
Belt and the like. W. K. Lewis. 1,477,886; Dec. 18.
Belt and the like, Driving. H. Guillou. 1,463,812; Aug. 7.
Belt attachment. C. A. Eva. 1,477,551; Dec. 18.
Belt attachment. S. Newman. 1,463,172; July 31.
Belt attachment, Trimmer-. E. F. Parks, jr., and P. G. Lang, jr. 1,452,524; Apr. 24.
Belt band. R. L. Torrey. 1,475,974; Dec. 4.
Belt box. A. A. Geimer. 1,463,948; Aug. 7.
Belt buckle. A. Kozma. 1,478,965; Dec. 25.
Belt buckle. S. M. Riker. 1,462,981; July 24.
Belt-buckle frame. E. M. Davis. Des. 63,220–2; Nov. 6.
Belt-buckle frame. L. W. Shields. Des. 63,242–4; Nov. 6.
Belt calk, Track-. R. H. White. 1,456,348; May 22.
Belt clasp. B. Zetlin. 1,477,680; Dec. 18.
Belt connector. E. Taylor. 1,470,510; Oct. 9.
Belt, Conveyer. W. C. Fisher. 1,456,000; May 22.
Belt conveyer. W. E. Philips. 1,447,264; Mar. 6.
Belt-conveyer idler. G. E. Mellin. 1,446,312; Feb. 20.
Belt coupling. A. H. De Voe. 1,467,713; Sept. 11.
Belt coupling, Invisible. H. C. Foster. 1,469,257; Oct. 2.
Belt cutter. H. Reichel. 1,473,642; Nov. 13.
Belt cutting and trimming machine. J. T. Davison. 1,469,154; Sept. 25.
Belt dressing, Antifriction. M. Pianko. 1,472,400; Oct. 30.
Belt-drive apparatus, Interwoven flat-. A. Sundh. 1,475,250; Nov. 27.
Belt drive, Endless-. J. W. Bamford. 1,442,037; Jan. 16.
Belt, Driving. G. Getting and A. Jonas. 1,478,114; Dec. 18.
Belt fastener. W. H. Bradshaw. 1,443,210; Jan. 23.
Belt fastener. M. Bukovecz. 1,444,301; Feb. 6.
Belt fastener. M. Kiefer. 1,476,084; Dec. 4.
Belt fastener. R. S. Moore. 1,454,450; May 8.
Belt fastener. T. Shaw. 1,472,890; Nov. 6.
Belt fastener. J. H. Tabler. 1,476,852; Dec. 11.
Belt-fastening device. I. M. Jacobs and W. Cramer. 1,469,924; Oct. 9.
Belt-fastening machine. R. S. Moore. 1,454,449; May 8
Belt, Flexible. C. H. Carlisle. 1,442,924; Jan. 23.
Belt for machinery driving. A. and M. A. Hendry. 1,451,373; Apr. 10.
Belt, Garment-supporting. E. V. Bowe. 1,464,744; Aug. 14.
Belt guide and shifting mechanism. A. A. Samson. 1,478,839; Dec. 25.
Belt joint and making same. R. W. Fuller. 1,474,774; Nov. 20.
Belt lacing, Rolled. H. Hemmerdinger. 1,464,426; Aug. 7.
Belt, Life. S. P. Edmonds. 1,448,527; Mar. 13.
Belt, Life. F. Morse. 1,460,430; July 3.
Belt, Life-saving. W. Paradowski. 1,459,245; June 19.
Belt, Link. O. Bössner. 1,441,556; Jan. 9.
Belt-loading machine. H. M. Rockwell. 1,468,870; Sept. 25.
Belt loop. A. D. Crosby. 1,454,468; May 8.
Belt material, Drive-. H. M. Gusdorf. 1,457,243; May 29.
Belt, Motor. R. D. Edwards. 1,474,666; Nov. 20.
Belt or collar. C. Weiland. 1,469,345; Oct. 2.
Belt, Power-transmission. G. S. Towne. 1,451,349; Apr. 10.

Belt pulleys, Oil shield for. A. H. Hebert. 1,453,673; May 1.
Belt replacer. B. F. Teel. 1,445,607; Feb. 13.
Belt shifter. W. A. Traufler. 1,469,856; Oct. 9.
Belt shipper. O. F. Eklund. 1,451,945; Apr. 17.
Belt, Skirt. H. L. Greenberg. 1,445,274; Feb. 13.
Belt, Sorting-machine. A. T. Hoxter. 1,468,301; Sept. 18.
Belt, Swimming. J. and A. Marengo. 1,478,239; Dec. 18
Belt-tension adjuster. L. N. and G. E. Wyatt. 1,441,321; Jan. 9.
Belt-tightening mechanism, Locking means for. C. H. Turner. 1,452,900; Apr. 24.
Belt, Track. C. F. Heinkel. 1,456,378; May 22.
Belt, Transmission. J. W. Schade. 1,463,596; July 31.
Belt transmissions, System of engagement and disengagement for. D. Perrier. 1,443,273; Jan. 23.
Belting. W. S. Langford. 1,477,707; Dec. 18.
Belting. G. E. Perry. 1,459,690; June 19.
Belting, Apparatus for making. O. Czaran. 1,451,686; Apr. 17.
Belting, Leather. M. H. Cook. 1,443,310; Jan. 23.
Belting, Link. H. A. House. 1,442,524; Jan. 16.
Belting, Link. O. L. Whittle. 1,446,730; Feb. 27.
Belts, Apparatus for making abrasive. R. A. Moore. 1,456,561; May 29.
Belts, Connecting device for. G. E. Hulse. 1,472,910; Nov. 6.
Belts, Distributing system for feeding hot liquid material to traveling. J. L. Mauch. 1,467,867; Sept. 11.
Belts, Grain distributor for conveyer. S. H. M. Fowler. 1,447,069; Feb. 27.
Belts, Method of and apparatus for packaging. F. F. Raniville. 1,443,759; Jan. 30.
Belts on cone pulleys, Shifter for. G. J. Hausman and A. J. Jones. 1,452,044; Apr. 17.
Belts or the like, Apparatus for use in making. C. H. Paeplow. 1,461,368; July 10.
Belts, Seam for woven-wire. H. Lindsay. 1,464,946–8; Aug. 14.
Belts, Tightening device for driving. E. O. Di Genova. 1,464,411; Aug. 7.
Belts, Troughing idler for conveyer. C. G. Pfeiffer. 1,446,270; Feb. 20.
Bench: *See*—
Kneeling bench.
Test bench.
Tub bench.
Washbench.
Wire-drawing bench.
Bench and music cabinet, Combined. J. M. Snyder. 1,458,449; June 12.
Bench, Box-strapping. G. Wood. 1,450,315; Apr. 3.
Bench block. A. H. Starrett. 1,442,415; Jan. 16.
Bench clamp. O. E Juvinall. 1,472,982; Nov. 6.
Bench clamp, Carpenter's. M. J. Sampson. 1,449,552; Mar. 27.
Bench, Devotional. C. E. Walker. 1,441,548; Jan. 9.
Bench, Sewing-. W. A. Adams. Des. 62,097; Mar. 20.
Bench vise. W. McDaniel, F. E. Davis, and E. F. Connor. 1,476,628; Dec. 4.
Bending brake. N. Krump. 1,442,810; Jan. 23.
Bending brake. N. Krump. 1,448,130; Mar. 13.
Bending device, Metal-. W. E. Graham. 1,440,982; Jan. 2.
Bending machine. M. R. Akey and H. Katz. 1,462,315; July 17.
Bending machine. J. H. Holmgreen. 1,465,733; Aug. 21.
Bending machine. P. B. Wallace and F. H. Fox. 1,473,893; Nov. 13.
Bending machine. J. S. Wheeler. 1,462,673; July 24.
Bending machine and vise, Combined. C. S. Gordon. 1,475,813; Nov. 27.
Bending pipe, Machine for. C. Gabrielson. 1,462,935; July 24.
Benzine, applicable to impure benzines, Continuous sulphonation of. P. A. Barbet. 1,459,081; June 19.
Benzoates and benzoic acid from dibenzyl, Preparation of. G. O. Curme, jr., and H. B. Heyn. 1,463,255; July 31.
Berry and fruit washing machine. J. S. Ogburn. 1,452,844; Apr. 24.
Berry cap and stem remover. E. T. Miller. 1,477,839 Dec. 18.
Berry carrier. H. J. Anderson. 1,447,402; Mar. 6.
Berry or fruit receptacle. V. J. Smith. 1,448,603; Mar. 13.
Berry-picker outfit. G. H. Owens. 1,450,221; Apr. 3.
Berry-picking machine. P. Y. Veeder. 1,452,629; Apr. 24.
Berth. A. E. Gosso. 1,459,826; June 26.
Bevel-cutting machine. V. Mayer. 1,464,613; Aug. 14.
Bevel, Registering. M. Mullarkey. 1,473,860; Nov. 13.
Bevels, Machine for smoothing and polishing. C. Brown. 1,475,742; Nov. 27.
Beverage. W. O. Snelling. 1,461,808; July 17.
Beverage-dispensing apparatus. J. Mohn. 1,460,209; June 26.
Beverage-dispensing apparatus. J. M. Travis. Des. 61,882; Feb. 6.
Beverage-dispensing apparatus, Portable. F. E. Rice. 1,441,171; Jan. 2.
Beverage-dispensing device. C. M. Earl and B. F. Wheeler. 1,451,688; Apr. 17.
Beverage faucet. G. H. T. Scribner and S. H. Susskind. 1,466,760; Sept. 4.
Beverages containing chocolate, cocoa, etc., Dispensing means for. H. G. Lyons. 1,442,435; Jan. 16.
Beverages, Display apparatus for preparing and dispensing fresh-fruit. J. Levin. 1,473,776; Nov. 13.
Beverages from the bulk, Machine for dispensing. H. Charles and I. A. Jacobs. 1,471,945; Oct. 23.
Beverages, Manufacture of low-alcoholic. H. Heuser. 1,455,397; May 15.
Beverages, Preparation of low-alcoholic and nonalcoholic. H. Heuser. 1,441,726; Jan. 9.
Bezel, Instrument. A. Cleven. Des. 63,613; Dec. 25.
Bias-flap stock cutting and applying machine. J. E. Perrault. 1,466,101; Aug. 28.
Bib and apron or similar article, Combined. M. D. Benson. Des. 62,270; May 1.
Bicycle and the like. A. E. H. Payne. 1,471,505; Oct. 23.
Bicycle boat. G. Swan. 1,459,297; June 19.
Bicycle driving mechanism. P. McLaughlin. 1,443,997; Feb. 6.
Bicycle frame. J. C. Baine. Des. 62,351; May 15.
Bicycle handle bar. O. A. Carlson. 1,445,995; Feb. 20.
Bicycle handle bar. F. Orchowski. 1,446,430; Feb. 20.
Bicycle propelling attachment. D. E. Bharucha. 1,442,556; Jan. 16.
Bicycle rim. N. Johnson. 1,451,911; Apr. 17.
Bicycle sled. A. T. Slater. 1,462,889; July 24.
Bicycle stand. H. A. Laystrom. 1,468,161; Sept. 18.
Bicycle stand and carrier. G. F. Crysdale. 1,451,651; Apr. 10.
Bicycle transmission. O. Cooperman. 1,473,017; Nov. 6.
Bicycles, Explosive-engine attachment for. E. S. Caleno. 1,460,811; July 3.
Bicycles, Flash-light holder for. C. E. Graves. 1,449,509; Mar. 27.
Bicycles, Two-cycle engine for. C. P. Brockway. 1,456,220; May 22.
Bier and top therefor, Adjustable collapsible. W. I. Leitch. 1,443,185; Jan. 23.
Bifocal, Making a fused. L. W. Bugbee. 1,450,711; Apr. 3.
Billboard construction. T. G. Thomas. 1,447,159; Feb. 27.
Billboard posting implement. E. A. Smith. 1,447,905; Mar. 6.
Bill fold. C. A. Humphreys. 1,471,484; Oct. 23.
Bill form. J. A. B. Smith. 1,456,471; May 22.
Bill holder. A. S. Grimmer. 1,470,918; Oct. 16.
Bill holder. S. Hovesepean. Des. 62,007; Feb. 27.
Bill holder, Safety. J. L. Smith. 1,458,734; June 12.
Bill ironer and sterilizer. E. H. Moyle. 1,461,252; July 10.
Billing system, Combination. R. V. Newsham. 1,461,399; July 10.
Billet casting, Method and means for. C. S. Morse. 1,466,738; Sept. 4.
Billets, Removing surface faults from. J. J. Coffey. 1,476,593; Dec. 4.
Billiard cue. E. M. Atkins. 1,440,953; Jan. 2.
Billiard cue. C. E. Seeman and L. V. Barach. 1,468,520; Sept. 18.
Billiard-cue rack. H. F. Leventry. 1,454,900; May 15.
Billiard-cue-tip chalker. E. Hill. 1,450,741; Apr. 3.
Billiard cues and the like, Ornamenting. J. R. Keiper. 1,474,043; Nov. 13.
Billiard table. C. A. Wendt. Des. 62,685; July 17.
Billiard-table cushion. T. R. Bullock. 1,441,060; Jan. 2.
Billiard tables and the like, Pocket of. C. Kirton and H. J. Gaudie. 1,464,006; Aug. 7.
Bin: *See*—
Food bin.
Grain bin.
Rotary bin.
Sectional bin.
Sheet-metal bin.
Storage bin.
Bin. W. Baylor. 1,446,609; Feb. 27.
Bin and mounting for same, Tilting. A. G. Swan. 1,447,360; Mar. 6.
Bin for sugar and the like. A. C. Crimmel. 1,449,974; Mar. 27.
Bin gate. R. W. Stewart. 1,441,608; Jan. 9.
Binder. D. Conlan, jr. 1,471,550; Oct. 23.
Binder. E. L. Krag. 1,440,394; Jan. 2.
Binder. J. W. Krikava. 1,472,010; Oct. 23.
Binder and filler therefor, Loose-leaf. E. A. P. Wolf. 1,469,748; Oct. 2.
Binder and making same. H. H. Hurt. 1,467,321; Sept. 11.
Binder and the like, Loose-leaf. R. L. Esson. 1,454,921; May 15.
Binder and the making of same, Loose-leaf. F. D. Pitt. 1,466,959; Sept. 4.
Binder attachment. A. G. and A. Ronning. 1,440,496; Jan. 2.
Binder-blank-shaping mechanism. A. J. Kusterer. 1,459,107; June 19.
Binder covers, Hinge mechanism for. W. P. Pitt. 1,466,960; Sept. 4.
Binder covers, Producing loose-leaf. G. W. Newman. 1,470,282; Oct. 9.
Binder elevator. B. M. McFarlane. 1,448,308; Mar. 13.
Binder-locking mechanism. C. R. Fargo. 1,453,066; Apr. 24.
Binder, Loose-leaf. E. Aberle. 1,469,573; Oct. 2.
Binder, Loose-leaf. H. C. Crozier. 1,475,054; Nov. 20.
Binder, Loose-leaf. H. A. Dudley. 1,460,663; July 3.

Binder, Loose-leaf. H. A. Dudley. 1,460,712; July 3.
Binder, Loose-leaf. J. M. Gardiner. 1,464,313; Aug. 7.
Binder, Loose-leaf. W. R. Horsfield. 1,476,614; Dec. 4.
Binder, Loose-leaf. A. J. Koepsell. 1,472,301; Oct. 30.
Binder, Loose-leaf. H. C. Miller. 1,474,602; Nov. 20.
Binder, Loose-leaf. P. R. Moore. 1,446,809; Feb. 27.
Binder, Loose-leaf. A. W. Myer. 1,454,182; May 8.
Binder, Loose-leaf. S. G. Newborn. 1,464,185; Aug. 7.
Binder, Loose-leaf. A. B. Plushkell. 1,445,910; Feb. 20.
Binder, Loose-leaf. A. Rubin. 1,444,642; Feb. 6.
Binder, Loose-leaf. H. Rubin. 1,451,273; Apr. 10.
Binder, Loose-leaf. A. Rubin. 1,476,767–8; Dec. 11.
Binder, Loose leaf. J. Schade. 1,466,313; Aug. 28.
Binder, Loose-leaf. J. Schade. 1,478,840; Dec. 25.
Binder, Loose-leaf. C. D. Trussell. 1,450,267; Apr. 3.
Binder, Loose-leaf. C. D. Trussell. 1,454,869; May 15.
Binder, Loose-leaf. C. D. Trussell. 1,468,845–6; Sept. 25.
Binder, Loose-leaf. V. A. Wirt. 1,441,140; Jan. 2.
Binder, Loose-sheet. E. J. Sonnenburg. 1,449,069; Mar. 20.
Binder, Motor. B. R. Benjamin, W. Webber, and C. Pearson. 1,464,740; Aug. 14.
Binder, Music-leaf. W. C. Traher. 1,469,199; Sept. 25.
Binder or loose-sheet holder, Temporary. G. P. Wigginton. 1,461,954; July 17.
Binder post, Spring. W. Wilburger. 1,462,925; July 24.
Binder, Push-harvester. S. Olson. 1,450,384; Apr. 3.
Binder ring, Temporary-. N. D. Nachtrieb. 1,473,354; Nov. 6.
Binder, Spring. H. G. Buchan. 1,443,522; Jan. 30.
Binder support, Loose-leaf-. C. R. Fargo. 1,455,524; May 15.
Binder, Temporary. H. C. Landon. 1,442,620; Jan. 16.
Binder, Temporary. G. H. Moore. 1,441,873; Jan. 9.
Binder, Temporary. L. Stein. 1,451,377; Apr. 10.
Binder, Temporary. G. P. Wigginton. 1,443,406; Jan. 30.
Binder, Temporary or loose-leaf. F. H. Harris. 1,455,000; May 15.
Binder, Transfer. G. W. Newman. 1,467,808; Sept. 11.
Binder, Wood. A. P. Lloyd. 1,469,843; Oct. 9.
Binding element. C. F. Kettering. 1,456,851; May 29.
Binding machine. C. F. McBee. 1,452,565; Apr. 24.
Binding post. C. Phillips, jr. 1,469,107; Sept. 25.
Binding reel, Folding. F. E. Coulter. 1,470,061; Oct. 9.
Binding-roller machine. J. E. Perrault. 1,476,539; Dec. 4.
Binding strip, Fabric. A. Freydberg. 1,457,625; June 5.
Binders, Attachment to. T. Durrant. 1,456,123; May 22.
Binders, Flax-puller attachment for. J. A. Bartosz. 1,451,317; Apr. 10.
Binders, Guard-tilting device for grain. H. Smith. 1,458,367; June 12.
Binders, Hammer for joint. E. C. Glardon. 1,442,875; Jan. 23.
Binders, Plug hinge for loose-leaf. A. Von Auw. 1,474,866; Nov. 20.
Binders, Shocking attachment for. A. Christopherson. 1,473,012; Nov. 6.
Binders, Tractor hitch for corn. C. A. Hagadone. 1,467,375; Sept. 11.
Biological product. C. A. Zell and W. F. Straub. 1,476,233; Dec. 4.
Bird and animal trap. L. H. Beauchamp. 1,466,520; Aug. 28.
Bird-cage catch. L. J. Leon. 1,460,102; June 26.
Birds, Instrument for removing the testicles of. V. D. Lespinasse. 1,451,398; Apr. 10.
Biscuits, cup wafers, and similar articles from liquid, Machinery for making wafer. T. O. Bates. 1,460,307; June 26.
Bisulphite cooking liquor. G. A. Richter. 1,458,309; June 12.
Bit: *See*—
Auger bit.
Bridle bit.
Drill bit.
Underdrilling bit.
Bit and making the same. J. H. L. De Bats. 1,467,266; Sept. 4.
Bit clamp. C. P. Brown. 1,455,424; May 15.
Bit clamp. B. F. Davis. 1,464,750; Aug. 14.
Bits and rimmers, Apparatus for dressing. R. R. Blackwell. 1,458,320; June 12.
Bits, Machine for grinding. W. L. Schellenbach and C. J. Robinson. 1,443,384; Jan. 30.
Bits when being sharpened, Apparatus for turning deep-well. J. G. Schooley and H. M. Ransdell. 1,456,833; May 29.
Bitumen or cellulose-containing substances, Treating. I. Moscicki. 1,455,546; May 15.
Bituminous emulsion. C. N. Forrest. 1,464,928; Aug. 14.
Bituminous mastic and making and applying the same. G. A. Henderson. 1,464,481; Aug. 7.
Bituminous material, Distillation of. M. Gercke. 1,474,357; Nov. 20.
Bituminous material to dust, Reducing. C. C. Bancroft. 1,441,904; Jan. 9.
Bituminous matter, Distilling. W. Meischke-Smith. 1,450,327; Apr. 3.
Bituminous mixture. D. A. Casey. 1,466,928; Sept. 4.
Bituminous paving mixtures, Making. F. S. Besson. 1,464,488; Aug. 7.
Blackboard-eraser cleaner. C. V. Thompson. 1,475,523; Nov. 27.
Blacking-box cover. G. A. Leighton. 1,451,702; Apr. 17.
Bladder-neck inserter. P. H. Williams. 1,442,376; Jan. 16.
Blade holder. B. Ames. 1,445,124; Feb. 13.
Blade holder. J. E. Myers. 1,462,146; July 17.
Blade, Reenforced. W. E. Nickerson. 1,458,192; June 12.
Blade-securing means and making same. R. K. Morcom. 1,466,312; Aug. 28.
Blade shrouding. J. E. Snyder. 1,457,404; June 5.
Blading. C. Gilson. 1,469,902; Oct. 9.
Blanc fixe. J. B. Pierce, jr. 1,468,867; Sept. 25.
Blancher. O. H. Hansen. 1,445,276; Feb. 13.
Blanching machines, Feeder for kernel-. G. Park. 1,460,560; July 3.
Blank-feeding mechanism. J. E. Crandall. 1,442,923; Jan. 23.
Blank-forming machine. E. J. Ray. 1,447,224; Mar. 6.
Blank-sorting machine. R. C. Simmons. 1,465,369; Aug. 21.
Blank-sorting machine. W. C. Stewart. 1,461,789; July 17.
Blanking operation, Material-. E. B. Miller. 1,452,308 Apr. 17.
Blanks, Feeder for metal. J. A. McGinnis. 1,455,639; May 15.
Blanks for cutters, Machine for milling. F. Müller. 1,449,125; Mar. 20.
Blanks, Means for and method of shaping. S. J. Teller. 1,478,685; Dec. 25.
Blanks, Method of and machine for swaging. J. H. Matthews and W. R. Ecke. 1,455,300; May 15.
Blanks, Treating. J. G. Morton. 1,448,045; Mar. 13.
Blanket and the like, Electrical. W. F. Craddick and C. M. Uhlig. 1,456,223; May 22.
Blanket, Child's safety crib. M. Thierjung. 1,474,738; Nov. 20.
Blanket or similar article. F. A. Andrews. Des. 62,078–86; Mar. 13.
Blanket or similar article. F. A. Andrews. Des. 62,130–1; Mar. 27.
Blanket or similar article. F. A. Andrews. Des. 62,161–2; Apr. 3.
Blanket or similar article. F. A. Andrews. Des. 62,252; Apr. 24.
Blanket or similar article. A. I. Martin. Des. 62,062; Mar. 13.
Blanket, Printer's. A. F. Decker. 1,464,242; Aug. 7.
Blanket stretcher. A. Schumacher. 1,476,372; Dec. 4.
Blast furnace. J. Kennedy. 1,460,065; June 26.
Blast furnace. P. J. Moran. 1,460,429; July 3.
Blast furnace. G. L. Shook. 1,448,772; Mar. 20.
Blast-furnace stock-line protection. E. L. Ives. 1,459,895; June 26.
Blasting, Apparatus for use in. R. D. Harris. 1,461,012; July 3.
Blasting caps, Explosive for use in. J. Marshall. 1,473,825; Nov. 13.
Blasting charges for ignition, Preparing. L. Lisse. 1,473,596; Nov. 6.
Blasting operations, Controlling system for mine. S. F. Bridwell and J. F. Kennedy. 1,444,827; Feb. 13.
Blasting tool. F. H. Büker. 1,442,645; Jan. 16.
Bleacher, Portable. H. D. Oberdorfer. 1,460,267; June 26.
Bleaching apparatus. C. Taylor. 1,459,697; June 19.
Bleaching earth. C. Cramer. 1,455,995; May 22.
Bleaching-powder solutions, Manufacture of. J. H. MacMahon. 1,474,831; Nov. 20.
Bleaching pulp and apparatus therefor. R. B. Wolf. 1,454,610; May 8.
Bleeding apparatus. R. F. Schneider. 1,458,958; June 19.
Blind advertising device, Roller-. W. H. Leydekkers and W. O. Ruddle. 1,463,087; July 24.
Blind, Ventilating. J. H. Wood. 1,475,103; Nov. 20.
Block: *See*—
Baling-press follower block.
Box-forming block.
Brake block.
Buffer block.
Building block.
Cement corncrib block.
Chock block.
Clicking-machine block.
Concrete block.
Concrete building block.
Concrete stair block.
Concrete wall block.
Cut-off block.
Die block.
Educational block.
Fuse-mounting block.
Gear follower block.
Grade-crossing block.
Ignition-switch block.
Interlocking block.
Keel block.
Lead block.
Lens block.
Paving block.
Picker block.
Pulley block.
Puzzle block.
Railway-car-wheel block.
Rubbing block.
Sheave block.
Soldering block.
Stop block.
Swage or dolly block.
Swivel block.
Tackle block.
Wheel block.
Block and combustion-chamber top, Baffle. R. D. Wadleigh. 1,461,566; July 10.
Block for sticker heads, Set-up. A. F. Curtis. 1,446,883; Feb. 27.
Block last. G. B. Fitz. 1,445,674; Feb. 20.
Block machine. C. O. Brandell. 1,475,168; Nov. 27.

Block-making machine, Plastic-. S. H. Pettengill. 1,472,399; Oct. 30.
Blocking machine. G. S. Dey. 1,456,673; May 29.
Blocks and similar molded articles, Manufacture of building. F. P. McIntyre. 1,477,276; Dec. 11.
Blocks and tile, Truck for handling hollow. M. T. Straight. 1,457,639; June 5.
Blocks, Apparatus for making cement. A. Bruckner. 1,448,911; Mar. 20.
Blocks, Juvenile. W. C. Hadley. 1,464,421; Aug. 7.
Blocks, Making building. R. B. Dula. 1,472,516; Oct. 30.
Blocks, Metal mold for concrete. W. O. Seat. 1,458,551; June 12.
Blocks, Method of and arrangement for cutting off ingot. G. L. Mällberg. 1,458,428; June 12.
Blocks, Molding apparatus for compressed. F. Bonnet. 1,461,860; July 17.
Blood-transfusion apparatus. M. C. Pruitt. 1,457,796; June 5.
Bloomers. W. A. Goldsmith. 1,450,437; Apr. 3.
Bloomers. I. Goodman. 1,451,421; Apr. 10.
Bloomers. A. Morganstern. 1,470,999; Oct. 16.
Bloomers. D. L. Rosenberg. 1,445,802; Feb. 20.
Bloomers. J. Torchia. 1,469,287; Oct. 2.
Bloomers, Reenforced. S. Gelarie. 1,460,666; July 3.
Blotter. J. Stich. 1,463,025; July 24.
Blotter and penwiper, Combined. G. B. and J. H. Mullen. 1,449,344; Mar. 20.
Blotter, Hand. T. A. Hutchinson. 1,448,541; Mar. 13.
Blotter holder. E. W. Wilsman. 1,468,770; Sept. 25.
Blotter, Ink. H. Strauss. 1,447,576; Mar. 6.
Blotting appliance. A. C. Brown. 1,443,866; Jan. 30.
Blotting appliance. H. Rottenburg. 1,462,943; July 24.
Blow-out boot. G. G. Williams. 1,445,465; Feb. 13.
Blow-out preventer, Automatic. T. J. Kelly. 1,455,731; May 15.
Blower, Hand-operated. W. Jewett. 1,458,827; June 12.
Blower or suction fan. C. A. Kuenzel, jr. 1,462,557; July 24.
Blower, Rotary. B. Schmelzer. 1,445,176; Feb. 13.
Blowing engine. L. C. Edgar. 1,422,024; Jan. 9.
Blowgun. L. W. Greve. 1,447,546; Mar. 6.
Blowpipe. L. Campbell, jr. 1,474,189; Nov. 13.
Blowpipe and soldering iron, Combined. A. Marquis. 1,471,620; Oct. 23.
Blowtorch. J. B. Anderson. 1,456,718; May 29.
Blowtorch. H. G. Donigan. 1,441,488; Jan. 9.
Blue-print frame. V. P. Larsen. 1,457,530; June 5.
Board: *See*—
Automobile running board.
Baseball game board.
Cabinet ironing board.
Checker and chess board.
Composite board.
Composition board.
Counting board.
Drawing board.
Drying board.
Fabric board.
Fabric bolt board.
Fair-leader board.
Fireproof wall board.
Game board.
Hammer board.
Ironing board.
Lath board.
Match board.
Mathematical board.
Paperboard.
Pin board.
Plaque board.
Plaster board.
Plaster-receiving board.
Radiator board.
Reenforced board.
Replacement running board.
Scoop board.
Sheathing board.
Steam board.
Stocking board.
Teeter board.
Violin finger board.
Wall board.
Window board.
Board and engine brace, Instrument. W. Bethke. 1,450,791; Apr. 3.
Board and making the same, Combined. W. Stericker. 1,462,835; July 24.
Board and roost, Combined dropping. M. C. Russell. 1,465,686; Aug. 21.
Board, Bottom. G. Walther and J. A. Winters. 1,478,495; Dec. 25.
Board-setting and wrecking lever, Combined. A. Asper. 1,445,263; Feb. 13.
Board-stripping device. T. Cameron. 1,455,019; May 15.
Board, table, and container, Combination running. J. E. Kermode. 1,456,780; May 29.
Boards, Attachment for ironing. M. M. Zellers. 1,450,274; Apr. 3.
Boat. C. J. Baer. 1,445,467; Feb. 13.
Boat. A. C. Dale. 1,455,833; May 22.
Boat. J. McLeod. 1,474,725; Nov. 20.
Boat. K. A. Moen. 1,476,763; Dec. 11.
Boat. W. B. Shearer. 1,458,154; June 12.
Boat and apparatus for the propulsion thereof. V. A. Shaw. 1,455,230; May 15.
Boat, Collapsible. A. V. Santarsiero. 1,462,769; July 24.
Boat, Collapsible. W. S. Wiero. 1,448,905; Mar. 20.
Boat, Fishing. N. A. Lybeck. 1,467,763; Sept. 11.
Boat, Foldable. J. N. Clemmer. 1,462,800; July 24.
Boat-hull construction. G. M. French. 1,453,223; Apr. 24.
Boat-launching device. C. F. Ellison and E. F. Beyer. 1,475,290; Nov. 27.
Boat-launching mechanism. G. Wright. 1,455,159; May 15.
Boat, Life-saving. A. Baumgart. 1,463,662; July 31.
Boat-loading apparatus. F. W. Lovell. 1,440,396; Jan. 2.
Boat-loading apparatus, Trimmer for. A. F. Case. 1,441,659; Jan. 9.
Boat, Manually-operated. J. K. Milton. 1,452,433 Apr. 17.
Boat-propelling device. C. A. Joyner. 1,475,833; Nov. 27.
Boat-propelling device. A. J. and E. M. Nelson. 1,470,865; Oct. 16.
Boat-propelling devices, Pump for. G. Gustafson. 1,459,330; June 19.
Boat-propelling means. C. J. Baer. 1,451,563; Apr. 10.
Boat-propelling means. C. J. Baer. 1,452,059; Apr. 17
Boat propulsion means. J. Youngson. 1,451,412; Apr. 10.
Boat, Sectional. A. C. Goethel. 1,449,222; Mar. 20.
Boat, Sectional. A. E. Olson. 1,445,792; Feb. 20.
Boat, Submarine. F. S. Perkins. 1,458,844; June 12.
Boats and other vessels, Propulsion of. A. Miller. 1,444,847; Feb. 13.
Boats and the like, Paddle wheel for. J. H. Nyenhuis. 1,442,729; Jan. 16.
Boats, Apparatus for lowering and raising ships'. H. W. Broady. 1,465,787; Aug. 21.
Boats, Attachment for. J. T. Hisert. 1,477,487; Dec. 11.
Boats' davits, Construction of. G. Rinesi. 1,465,025; Aug. 14.
Boats, Foot propelling device for. L. B. Roberts. 1,473,049; Nov. 6.
Boats, Hoisting and lowering collapsible life. G. Rinesi. 1,462,422; July 17.
Boats, Lowering and raising apparatus for ships'. H. W. Broady. 1,478,546; Dec. 25.
Boats, Power transmission for. P. C. Haan. 1,458,405; June 12.
Boats, Propelling attachment for. J. N. Coughlan. 1,461,697; July 10.
Boats, Propelling device for. W. H. Ling. 1,448,971; Mar. 20.
Boats, Reverse mechanism for motor. I. C. Matthiessen. 1,454,976; May 15.
Boats, Sail-reefing mechanism for. O. Linnemann. 1,442,623; Jan. 16.
Boats, Steering arrangement for motor-driven. K. Lenck. 1,473,484; Nov. 6.
Boats, Wing-shedding means for flying. J. P. Tarbox. 1,466,634; Aug. 28.
Bobbin. W. Bourassa. 1,440,959; Jan. 2.
Bobbin. F. Edmands. 1,463,205; July 31.
Bobbin. J. Kaufmann. 1,475,704; Nov. 27.
Bobbin and yarn package. H. D. Colman. 1,444,414; Feb. 6.
Bobbin-antisplitting device. F. B. Guyette and F. M. Gunn. 1,459,727; June 26.
Bobbin-case lock. H. O. Fletcher 1,466,360; Aug. 28.
Bobbin-case-retaining device. W. G. Trohon. 1,471,930; Oct. 23.
Bobbin cleaner. E. A. Terrell. 1,451,239; Apr. 10.
Bobbin-cleaning machine. E. H. Vowles. 1,473,265; Nov. 6.
Bobbin clutch. G. H. Magrath. 1,457,226; May 29.
Bobbin-head ring. J. O. Wallgren. 1,468,427; Sept. 18.
Bobbin holder. J. Fournier. 1,472,591; Oct. 30.
Bobbin holder. C. A. Proulx. 1,449,836; Mar. 27.
Bobbin holder. W. Reiners. 1,459,694; June 19.
Bobbin separator and feeding machine. H. D. Vasselin. 1,441,896; Jan. 9.
Bobbin, spool, and the like, Metallic. G. A. McIntosh. 1,469,930; Oct. 9.
Bobbin stripper. M. L. Stone. 1,447,272; Mar. 6.
Bobbin supply box. I. Couser. 1,451,683; Apr. 17.
Bobbin-transferring mechanism. A. Laflamme. 1,475,438; Nov. 27.
Bobbin winders, Stop motion for. P. Nathanson. 1,452,924; Apr. 24.
Bobbin-winding machine. H. D. Elliott. 1,444,372; Feb. 6.
Bobbin-winding machine. C. Tober. 1,475,525; Nov. 27.
Bobbin-winding mechanism and speed control therefor. C. A. Huttinger. 1,476,755; Dec. 11.
Bobbins in running paths, Machine for guiding. A. Orthmann. 1,477,380; Dec. 11.
Bobbins, Mounting for. W. I. Tuttle. 1,454,660; May 8.
Bobbins, Protective thimble for. W. Reiners and G. Kahlisch. 1,446,396; Feb. 20.
Bobsled. O. J. Neinow. 1,456,142; May 22.
Bodies, Forming annular. L. T. Frederick. 1,458,931; June 19.
Bodies, machines, or other apparatus, Means for supporting and for connecting. W. Eccles. 1,476,062; Dec. 4.
Body and limb developer. E. R. Monroe. 1,471,749; Oct. 23.
Body shell. G. E. Villaret. Des. 62,763; July 24.
Bodkin. M. C. R. Dolphin. 1,452,030; Apr. 17.
Boiler: *See*—
Clothes boiler.
Combination boiler.
Double boiler.
Egg boiler.
Ham boiler.
Internal-combustion boiler.
Locomotive boiler.
Marine boiler.
Milk boiler.
Rapid boiler.
Steam boiler.
Steam and water boiler.
Superheater boiler.
Washboiler.
Water-tube boiler.
Boiler. R. Cederblom. 1,453,703; May 1.

Boiler. J. M. McClellon. 1,474,156; Nov. 13.
Boiler. C. Ramstead. 1,441,526; Jan. 9.
Boiler and heater. P. O. Roth. 1,460,280; June 26.
Boiler and like furnace. J. Crompton and W. Gallagher. 1,454,229; May 8.
Boiler and water heater. J. Confer. 1,458,876; June 12.
Boiler appliance. H. E. Heim. 1,447,550; Mar. 6.
Boiler attachment. G. D. Hunter. 1,457,839; June 5.
Boiler casings removably mounted upon firepots, Gas-tight joint for. J. Pierce, jr. 1,456,254; May 22.
Boiler clean-out device. M. Huffman. 1,445,591; Feb. 13.
Boiler clean-out device, Steam-. M. Huffman. 1,445,592; Feb. 13.
Boiler cleaner. F. Bowers. 1,465,387; Aug. 21.
Boiler cleaner. H. G. Shelly. 1,459,997; June 26.
Boiler construction. E. Kidwell. 1,457,281; May 29.
Boiler construction. T. Larrey and L. Godard. 1,474,116; Nov. 13.
Boiler control, Automatic. E. G. Shader. 1,451,274; Apr. 10.
Boiler economizer and operating the same, Steam-. D. S. Jacobus. 1,442,274; Jan. 16.
Boiler, Electrically heated and controlled steam. W. H Rowe. 1,451,847; Apr. 17.
Boiler feeder, Automatic. H. E. Malaier and F. R. Clark, jr. 1,475,076; Nov. 20.
Boiler-feed mechanism. D. C. Sears and A. M. Bradford. 1,461,683; July 10.
Boiler-feed-water regulator. R. W. Andrews. 1,454,146; May 8.
Boiler-feed-water system. G. W. Cope. 1,456,722; May 29.
Boiler-flue cleaner or scaler. C. A. Vonderheid and H. L. Eddy. 1,466,317; Aug. 28.
Boiler-flue-setting device. F. Schmitt. 1,457,753; June 5.
Boiler furnace, Smoke-preventing. E. C. Hock. 1,442,666; Jan. 16.
Boiler furnace, Steam-. J. N. Tomes. 1,466,771; Sept. 4.
Boiler headers, Making. J. F. L. Baker. 1,468,692; Sept. 25.
Boiler installation. S. E. Diescher. 1,472,030; Oct. 23.
Boiler magazine front. C. C. Fulghum. 1,457,516; June 5.
Boiler plug. F. E. Key. 1,456,314–5; May 22.
Boiler plug. P. E. McIntosh and R. O'Connell. 1,457,911; June 5.
Boiler prime preventer. J. H. Stockholder. 1,464,225; Aug. 7.
Boiler superheater. C. S. D. Perry. 1,453,638; May 1.
Boiler-tube cleaner. J. H. Goodfellow. 1,460,669; July 3.
Boiler-tube cleaner. A. F. Krause. 1,463,587; July 31.
Boiler-tube cutter. M. Maher. 1,457,258; May 29.
Boiler-tube ferrule. J. Pečinka. 1,456,145; May 22.
Boiler-tube repair plug. H. N. McCathron. 1,459,542; June 19.
Boiler-tube repair plug, Emergency. G. A. Schaper. 1,470,767; Oct. 16.
Boiler-tube stopper. L. Martino. 1,444,351; Feb. 6.
Boiler-tube sucker and soot ejector. J. H. Goodfellow. 1,477,118; Dec. 11.
Boiler tubes and the like, Expanding device for. P. Slesazeck. 1,473,884; Nov. 13.
Boiler tubes, Apparatus for cleaning the outside of. F. Kober. 1,462,415; July 17.
Boiler tubes, Pneumatic device for cleaning. C. L. Corne. 1,473,467; Nov. 6.
Boiler-washing system. S. Otis. 1,442,581; Jan. 16.
Boiler-washing systems, Condenser for. L. B. Graham. 1,458,697; June 12.
Boiler-washout systems, Temperature control for. S. Otis and F. S. Wichman. 1,460,109; June 26.
Boiler with superheater. J. A. Barnes. 1,454,100; May 8.
Boilers and other vessels, Nonconducting covering for. J. Hawkridge, D. Robertson, and C. J. Nairne. 1,443,221; Jan. 23.
Boilers, Ash-discharge apparatus for. F. Sargent. 1,441,246; Jan. 9.
Boilers, Apparatus for controlling the water level in. F. E. Weidner. 1,473,714; Nov. 13.
Boilers, Automatic cut-off for fuel of oil-burning. P. H. Gentzel. 1,448,530; Mar. 13.
Boilers, Baffle for water-tube. E. Kidwell. 1,457,282; May 29.
Boilers, Baffle support for water-tube. W. J. Stoop. 1,447,443; Mar. 6.
Boilers, Baffle wall for horizontal water-tube. F. C. Stimmel. 1,459,560; June 19.
Boilers, Blow-off plug for. S. Otis and W. A. Gardner. 1,475,718; Nov. 27.
Boilers, Bridge wall for. P. J. Shanahan. 1,446,937; Feb. 27.
Boilers, Circulation of water in water-tube. H. E. Yarrow. 1,453,965; May 1.
Boilers, Cleaner for water-tube. P. G. Handoll. 1,450,957; Apr. 10.
Boilers, Cover for. P. Karsack. 1,454,118; May 8.
Boilers, Device for the promoting and controlling of the circulation of water in water-tube. H. C. Powel. 1,469,531; Oct. 2.
Boilers, Feed head for steam. W. Hildebrand. 1,467,428; Sept. 11.
Boilers, Feeding water to. R. W. Andrews. 1,440,521; Jan. 2.
Boilers for burning residual molasses, Furnace for steam. H. A. Griffin. 1,454,586; May 8.
Boilers, Furnace arch for. M. Liptak. 1,443,487; Jan. 30.
Boilers, Furnace of steam. T. Collier. 1,455,429; May 15.
Boilers, Heat-distributing deflector for. L. Godard and T. Larrey. 1,441,360; Jan. 9.
Boilers, Low-water alarm for steam. W. A. McKeown. 1,471,564; Oct. 23.
Boilers, Means for regulating water circulation in water-tube. S. E. Diescher. 1,465,118; Aug. 14.
Boilers, Means for testing stay bolts in. J. R. Flannery, B. E. D. Stafford, and E. I. Dodds. 1,455,836; May 22.
Boilers, pipes, and the like, Covering for. E. Spicer. 1,463,298; July 31.
Boilers, Refractory brickwork for water-tube. F. Greco. 1,446,744; Feb. 27.
Boilers, Regulating device for steam. G. F. Moors and E. E. Martin. 1,473,120; Nov. 6.
Boilers, Stay-bolt structure for. J. R. Flannery. 1,447,068; Feb. 27.
Boilers, Stay-bolt structure for. J. R. Flannery and E. I. Dodds. 1,467,366; Sept. 11.
Boilers under pressure, Apparatus for feeding. A. Siciliano, jr. 1,441,761; Jan. 9.
Boilers, Washout plug for. J. Cashmer. 1,453,916; May 1.
Boilers, Water feed for steam. W. A. Whitmore. 1,477,472; Dec. 11.
Boilers, Water gauge for heating. A. Swaroczky. 1,465,956; Aug. 28.
Boilers, Water-gauge glass for steam. B. C. Rodenhizer 1,452,390; Apr. 17.
Boll-weevil catcher. L. L. Allen. 1,466,106; Aug. 28.
Boll-weevil catcher. J. E. Brawner. 1,446,871; Feb. 27.
Boll-weevil destroyer. J. M. Shobert. 1,475,413; Nov. 27.
Boll-weevil destroyer. M. A. Spencer. 1,452,226; Apr. 17
Boll-weevil destroyer. G. W. Wiseley. 1,475,467; Nov. 27.
Boll-weevil destroyer, Cotton-. J. M. Lantz and E. C. Cason. 1,476,259; Dec. 4.
Boll-weevil exterminator. C. W. Brooks. 1,472,544; Oct. 30.
Boll-weevil exterminator. J. A. Harden. 1,459,626; June 19.
Boll-weevil exterminator. C. R. Scott. 1,458,857; June 12.
Boll-weevil exterminator. R. H. Stevens. 1,470,945; Oct. 16.
Boll-weevil exterminators, Gathering attachment for. J. M. Saladiner. 1,458,853; June 12.
Boll-weevil machine. A. Brigden. 1,458,799–800; June 12.
Boll-weevil trap. L. L. Moore. 1,450,382; Apr. 3.
Boll-weevil trap. L. L. Moore. 1,458,538; June 12.
Bolster. J. Dyer. 1,444,671; Feb. 6.
Bolt: *See*—
Adjustable automatic bolt.
Clamp bolt.
Fitting-up bolt.
Hook bolt.
Key bolt.
Lock bolt.
Locking bolt.
Railway bolt.
Self-adjusting bolt.
Set-up bolt.
Spindle bolt.
Stay bolt.
Utility bolt.
Tire-mold-clamping bolt.
Trunk bolt.
Bolt. A. C. Anderson, T. P. Archer, and P. W. Seiler. 1,470,951; Oct. 16.
Bolt. G. E. Carter. 1,463,572; July 31.
Bolt. E. C. Glover. 1,466,223; Aug 28.
Bolt. E. M. Van Dyke. 1,442,500; Jan. 16.
Bolt anchor J. Karitzky. 1,452,514; Apr. 24.
Bolt anchor. J. Karitzky. 1,469,668; Oct. 2.
Bolt anchor. R. E. Ogden. 1,469,950; Oct. 9.
Bolt anchor. R. E. Ogden and C. C. Tomkinson. 1,471,911; Oct. 23.
Bolt anchor. H. W. Pleister. 1,469,667; Oct. 2.
Bolt anchor. H. W. Pleister and J. Karitzky. 1,469,665–6; Oct. 2.
Bolt and inclosure embodying same, Spring relief. R. Amberton. 1,472,405; Oct. 30.
Bolt and mounting therefor. C. Bartels. 1,444,446; Feb. 6.
Bolt and nut assembling machine. E. G. Swanson. 1,440,646; Jan. 2.
Bolt and nut lock. D. E. Ahlers. 1,467,824; Sept. 11.
Bolt and nut retainer, Combination. J. Coyne. 1,473,177; Nov. 6.
Bolt, Fitting-up. T. K. Hine. 1,470,608; Oct. 16.
Bolt-hoppering machine. T. Eynon. 1,476,064; Dec. 4.
Bolt lock, Reversible. W. N. Sauerbrei. 1,456,466; May 22.
Bolt-locking device. H. C. Evelyn. 1,454,271; May 8.
Bolt machine. J. A. Eden, jr. 1,448,360; Mar. 13.
Bolt machine. M. J. Riley. 1,458,359; June 12.
Bolt machines, Blank holder and ejecting device for. S. B. Clay. 1,470,256; Oct. 9.
Bolt-pointing machine. J. Craig. 1,440,375; Jan. 2.
Bolt-turning machine. C. L. Savieo. 1,454,983; May 15.
Bolting machine. J. J. Olhasso, H. F. Goss, and J. H. Pos. 1,442,536; Jan. 16.
Bolts and pipes, Machine for threading. S. B. Clay. 1,444,109; Feb. 6.

Alphabetical list of inventions—Continued.

Bolts, Dies for forming. B. T. Noble. 1,466,245; Aug. 28.
Bolts, etc., Pointing and shaving machine for. O. A. Smith. 1,464,957; Aug. 14.
Bolts, Forming. B. T. Noble. 1,466,244; Aug. 28.
Bolts, pipes, etc., Threading machine for. A. L. Leffingwell. 1,474,327; Nov. 13.
Bolts, Pointing. J. Craig. 1,440,376; Jan. 2.
Bomb. M. S. Wetzel. 1,448,891; Mar. 20.
Bomb sight, Stabilized. M. M. Titterington. 1,446,280; Feb. 20.
Bomb thrower. W. Makowiecki. 1,473,490; Nov. 6.
Bomb, Water. M. C. A. H. Pape. 1,449,128; Mar. 20.
Bomb, Water. M. C. A. H. Pape. 1,459,793; June 26.
Bonbon-coating machine. J. C. Heilman. 1,447,549; Mar. 6.
Book, Account. W. D. Smith. 1,442,832; Jan. 23.
Book and cover, Manifold sales. F. Hachmann. 1,446,500; Feb. 27.
Book and ice-pick holder, Combined coupon. C. E. Erickson. 1,455,759; May 15.
Book and making same. T. Pougher. 1,447,731; Mar. 6.
Bookbinding. G. S. Fry. 1,466,618; Aug. 28.
Bookbinding. E. K. Robinson. 1,450,261; Apr. 3.
Bookbindings and the like, Stamping. S. Satenstein. 1,460,391; July 3.
Book case, Account-. E. L. Mooney. 1,440,484; Jan. 2.
Book, Check. C. M. Cott. 1,459,702; June 19.
Book, Check. J. O. Elliott. 1,477,330; Dec. 11.
Book, Check. J. J. O'Brien. 1,464,616; Aug. 14.
Book, Clay-modeling. J. R. Aiken. 1,458,508; June 12.
Book, Coupon. G. F. Jones and J. H. Allison. 1,470,012; Oct. 9.
Book cover. F. Hachmann. 1,446,499; Feb. 27.
Book cover and tissue book therefor, Manifold-sales-. F. Hachmann. 1,446,501; Feb. 27.
Book-cover gauge. C. B. Nelson. 1,460,348; June 26.
Book cover, Metal. F. Hachmann. 1,452,802; Apr. 24.
Book cover, Protective. O. V. Lalonde. 1,475,586; Nov. 27.
Book covers, Electrically-heated former for rounding the backs of. A. Trost. 1,457,108; May 29.
Book covers, Machine for making. T. E. Heeter. 1,460,581; July 3.
Book, Deposit. C. A. Middaugh. 1,440,481; Jan. 2.
Book-fastening machines, Laying-on apparatus for. U. Bischof. 1,458,026; June 5.
Book hanger and protector. A. W. Alexander. 1,442,112; Jan. 16.
Book holder. C. S. Booth. 1,440,656; Jan. 2.
Book holder. M. J. Caffrey. 1,463,668; July 31.
Book holder. I. J. Plamondon. 1,457,458; June 5.
Bookkeeping form. H. H. Walker. 1,446,229; Feb. 20.
Bookkeeping, Form for machine. W. C. Taylor. 1,463,929; Aug. 7.
Bookkeeping, Leaf-upsetting tray for vertical files for machine. A. Dom. 1,443,566; Jan. 30.
Bookkeeping, Means employed in. E. R. Hering. 1,459,331; June 19.
Bookkeeping system. H. J. La Wall and C. E. Wetzel. 1,462,140; July 17.
Book leaf, Detachable. C. W. McCall. 1,459,338; June 19.
Book, Loose-leaf. L. H. Middleton. 1,459,231; June 19.
Book, Loose-leaf. R. G. Whitlock. 1,451,451; Apr. 10.
Book, Loose-leaf. R. G. Whitlock. 1,464,791; Aug. 14.
Book, Loose-leaf-binder. L. Kingsley. 1,478,522; Dec. 25.
Book-making machine. E. E. Frey. 1,470,070; Oct. 9.
Bookmark. R. Mallina. 1,469,163; Sept. 25.
Bookmark. J. C. Wise. 1,468,685; Sept. 25.
Book match. C. L. Pfersch. 1,459,033; June 19.
Book, Memorandum. S. H. Simpson. 1,448,875; Mar. 20.
Book or binder, Loose-leaf. W. R. Horsfield. 1,476,615; Dec. 4.
Book or binder, Loose-leaf. F. B. A. Kirsten. 1,443,267; Jan. 23.
Bookrack. L. D. Cadenhead. 1,460,642; July 3.
Book, Receipt. S. F. Clarkson. 1,449,145; Mar. 20.
Bookrest. W. L. Blair. 1,470,052; Oct. 9.
Bookrest. B. H. Hoffman. 1,448,118; Mar. 13.
Bookrest. A. H. Pratt. 1,476,838; Dec. 11.
Bookrest. W. J. Walsh. 1,454,197; May 8.
Book-sewing machines, Automatic feeding mechanism for. J. Murray. 1,441,997; Jan. 9.
Bookstand. F. M. Priest. 1,446,352; Feb. 20.
Book-stitching machine. M. Christensen. 1,463,940; Aug. 7.
Book with detachable leaves. J. S. King. 1,448,450; Mar. 13.
Book-wrapping machine. P. Frazier, P. T. Pachter, R. E. Ackley, and H. C. Alger. 1,446,171; Feb. 20.
Books and the like, Holder for. H. D. Townsend. 1,440,509; Jan. 2.
Books, Binding post for loose-leaf. W. Wilburger. 1,452,860; Apr. 24.
Books, Detachable filler for memorandum. J. Schade. 1,474,494; Nov. 20.
Books, Hanger for. M. D. Schwartz. 1,475,451; Nov. 27.
Books in detachable covers, Means for securing. J. S. King. 1,454,288; May 8.
Books, Loose-leaf marker for. L. E. Hughes. 1,478,655; Dec. 25.
Books, Machine for casing in. C. O. Strom. 1,454,299; May 8.
Books, Machine for making match. G. Turner. 1,459,038; June 19.
Books, Quick-release means for loose-leaf. G. W. Newman. 1,473,247; Nov. 6.
Books, Ruler for loose-leaf. J. L. Crook, jr. 1,467,534; Sept. 11.
Boom and bucket. C. E. Foote. 1,443,354; Jan. 30.
Booms, Brake and control system for swinging. G. B. Massey. 1,476,989; Dec. 11.
Boomerang thrower. C. A. Anderson. 1,457,764; June 5.
Boot. P. Y. Smiley. 1,444,215; Feb. 6.
Boot and rubber-shoe removing jack. A. Pakulski. 1,474,546; Nov. 20.
Boot and shoe. A. F. S. Lyons. 1,477,140; Dec. 11.
Boot and shoe drier. J. J. O'Neill. 1,444,264; Feb. 6.
Boot and shoe jack. R. S. Wilson. 1,442,459; Jan. 16.
Boot and shoe parts. Method of and machine for compressing. A. E. Hudson and W. C. Willson. 1,448,069; Mar. 13.
Boot, Lady's. J. Fenton. 1,464,981; Aug. 14.
Boot or shoe. W. J. Brigg. 1,466,611; Aug. 28.
Bootblack stands and the like, Suction support for. G. Schonsteiner and T. E. Michael. 1,463,631; July 31.
Boot-blacking machine. S. Guglielmello. 1,475,298; Nov. 27.
Bootjack. W. C. Gruss. 1,453,105; Apr. 24.
Boot-polishing machine. G. Zarrelli. 1,475,671; Nov. 27.
Boot top. C. Tweedie. Des. 63,596; Dec. 18.
Boots and shoes, Heel cushion for. B. Ross. Des. 62,591; June 26.
Boots and shoes, Machine for fixing heels to. C. A. Young and J. H. Woodington. 1,443,780; Jan. 30.
Boots and shoes, Machine for laying the soles of. L. A. Casgrain. 1,447,235; Mar. 6.
Boots and shoes, Machine for making stiffeners, stiffening material, insoles, and like parts for. D. B. Macdonald. 1,474,202; Nov. 13.
Boots and shoes, Machine for trimming the edges of. E. J. Ray. 1,478,797; Dec. 25.
Boots and shoes, Means for measuring or marking off the sizes of half soles of. 1,462,699; July 24.
Boots and shoes, Press for use in the manufacture of. E. E. Winkley. 1,442,839; Jan. 23.
Boots and shoes, Sock for. J. D. Mackintosh. 1,443,081; Jan. 23.
Boots and shoes, Tack-extracting machine for. E. P. Corps. 1,473,923; Nov. 13.
Boots and shoes, Treeing device for. H. S. Jones. 1,449,820; Mar. 27.
Boots, shoes, and the like, Rack for. J. S. Cantelo. 1,468,800; Sept. 25.
Booth, Customer's waiting. B. W. Klein. Des. 62,824; Aug. 7.
Booth, Folding voting. J. J. Reinhold. 1,449,780; Mar. 27.
Borax and boric acid, Manufacture of. A. Kelly. 1,450,975; Apr. 10.
Borax from saline liquors, Recovering. C. Iddings. 1,476,890; Dec. 11.
Borax, Obtaining. W. A. Kuhnert. 1,474,433; Nov. 20.
Boring and milling machine. H. R. Young. 1,442,210; Jan. 16.
Boring and milling machine, Combined. H. C. Hook. 1,440,602; Jan. 2.
Boring and reaming holes in metal, Tool for. J. M. Davie. 1,473,781; Nov. 13.
Boring and reaming tool. P. B. Canfield. 1,446,831; Feb. 27.
Boring apparatus and making same, Earth-. F. A. Ingalls. 1,442,949; Jan. 23.
Boring bar, Twin-head. G. Rachard. 1,470,289; Oct. 9.
Boring bar and the like. A. E. Vosburg and R. B. Whitney. 1,461,202; July 10.
Boring-bar tool. W. Aab. 1,456,351; May 22.
Boring drill, Roller earth-. H. W. Fletcher. 1,441,220; Jan. 9.
Boring drill, Rotary earth-. H. R. Hughes. 1,474,633; Nov. 20.
Boring head. J. H. Frey and J. N. Kaiser. 1,463,686; July 31.
Boring machine. J. A. Macey. 1,445,699; Feb. 20.
Boring machine. A. W. Marquis. 1,451,585; Apr. 10.
Boring machine. A. E. Pearson. 1,476,724; Dec. 11.
Boring machine. C. Stecher. 1,452,940; Apr. 24.
Boring machine. E. S. Towns. 1,452,007; Apr. 17
Boring machine, Portable. J. Staempfli. 1,452,320; Apr. 17.
Boring machine, Portable. W. M. Wink. 1,449,361; Mar. 20.
Boring mill. A. W. Draeseke and A. W. Parkes. 1,466,818; Sept. 4.
Boring mill, Horizontal. W. L. Schillenbach. 1,454,190; May 8.
Boring mills, Counterweight for. A. C. Wais. 1,440,512; Jan. 2.
Boring mills, Rapid traverse and feed control for. A. Trosch. 1,475,255; Nov. 27.
Boring or sinking operations in wood or other soft materials, Auger, router or like tool for. E. R. Maxim. 1,444,626; Feb. 6.
Boring tool. C. C. Koeln. 1,477,651; Dec. 18
Boring tool, Earth-. S. J. Smith. 1,442,984; Jan. 23.
Bottle. A. V. Baxter. Des. 61,840; Jan. 30.
Bottle. E. P. Benois. Des. 63,351–2; Nov. 27.
Bottle. E. P. Benois. Des. 63,354; Nov. 27.

Bottle. L. Borokoff. Des. 62,053; Mar. 13.
Bottle. W. S. Breeden. Des. 63,610; Dec. 25.
Bottle. F. J. de S. Coty. Des. 62,318; May 8.
Bottle. B. M. Douglas. Des. 63,027; Sept. 18.
Bottle. R. C. Graham. Des. 63,365; Nov. 27.
Bottle. E. L. Husting. Des. 63,400; Dec. 4.
Bottle. L. J. Isola. Des. 62,571; June 26.
Bottle. F. Javal. Des. 61,829; Jan. 23.
Bottle. F. Javal. Des. 62,399; May 22.
Bottle. M. I. Katz. Des. 62,300; May 1.
Bottle. A. E. Kelley. Des. 61,830; Jan. 23.
Bottle. W. Kropff. Des. 62,995–6; Sept. 4.
Bottle. W. B. Marble. Des. 62,303; May 1.
Bottle. W. B. Marble. Des. 62,784–5; July 31.
Bottle. W. B. Marble. Des. 62,999; Sept. 4.
Bottle. C. W. Meisezahl. Des. 63,569; Dec. 18.
Bottle. F. J. M. Miles. Des. 61,918; Feb. 6.
Bottle. L. B. Newell. Des. 63,654; Dec. 25.
Bottle. W. P. Parsons. Des. 61,920; Feb. 6.
Bottle. H. K. Quan. Des. 62,804; July 31.
Bottle. C. J. Root. Des. 63,198; Oct. 30.
Bottle. C. J. Root. Des. 63,200; Oct. 30.
Bottle. C. J. Root. Des. 63,238–40; Nov. 6.
Bottle. C. J. Root. Des. 63,324–6; Nov. 20.
Bottle. C. J. Root. Des. 63,588; Dec. 18.
Bottle. C. J. Root. Des. 63,657; Dec. 25.
Bottle. W. R. Root. Des. 63,199; Oct. 30.
Bottle. R. Sayre. Des. 62,112; Mar. 20.
Bottle. H. J. D. Wipf. Des. 62,160; Mar. 27.
Bottle and cap, Combined. P. Bassaler. Des. 62,315; May 8.
Bottle and cap, Lock. W. P. Walsh. 1,475,908; Nov. 27.
Bottle appliance. W. R. Mahnken. 1,446,474; Feb. 27.
Bottle attachment. W. W. Edmister. 1,451,564; Apr. 10.
Bottle attachment. L. L. Latham. 1,449,335; Mar. 20.
Bottle cap. S. Bjorkquist. 1,455,068; May 15.
Bottle cap. W. C. Buttner. 1,462,165; July 17.
Bottle cap. A. F. G. Lucas and J. F. Alexander. 1,477,139; Dec. 11.
Bottle cap. A. Meldrum. 1,458,535; June 12.
Bottle cap. C. L. Nace. 1,459,477; June 19.
Bottle cap. C. C. Parker. 1,460,269; June 26.
Bottle cap. A. C. Ruggiero. 1,472,889; Nov. 6.
Bottle cap and brush holder, Combination of. A. Woodruff. 1,455,158; May 15.
Bottle cap and making the same. A. L. Bernandin. 1,442,597; Jan. 16.
Bottle cap and making same. C. E. McManus. 1,444,514; Feb. 6.
Bottle cap and the like. F. K. Plympton. 1,449,953; Mar. 27.
Bottle cap, Dairy-. N. J. Hall. 1,475,383; Nov. 27.
Bottle-cap lifter, Milk-. G. M. Stafford. 1,446,277; Feb. 20.
Bottle cap, Milk-. M. Mailman. 1,449,768; Mar. 27.
Bottle cap, Milk-. T. F. Roney. 1,450,517; Apr. 3.
Bottle-cap remover. F. C. Rush. 1,463,139; July 24.
Bottle-cap remover. L. A. Tyler. 1,449,309; Mar. 20.
Bottle-cap remover and sealer. A. B. Andreas. 1,448,047; Mar. 13.
Bottle-cap remover, Milk-. S. A. Strzelczyk. 1,466,517; Aug. 28.
Bottle capper. E. F. Edgecombe, jr. 1,454,540; May 8.
Bottle capper. O. S. Platt. 1,453,405; May 1.
Bottle-capping and wire-removing machine. R. J. Canton. 1,456,617; May 29.
Bottle-capping machine. R. G. Clark. 1,470,348–9; Oct. 9.
Bottle-capping machine. C. J. Kryzanowsky. 1,466,662; Sept. 4.
Bottle-capping machine. E. Nordstrom. Re15,612; May 22.
Bottle-capping machine, Semiautomatic. E. A. Hey, J. G. Le Pere, and L. K. Webber. 1,458,123; June 5.
Bottle-capping machines, Compensating mechanism for. C. W. Kendall. 1,461,550; July 10.
Bottle-capping machines, Crimping device for. E. Nordstrom. 1,472,489; Oct. 30.
Bottle caps, Machine for assembling. C. E. McManus. 1,444,515; Feb. 6.
Bottle carrier. H. A. Smith and M. A. Johnson. 1,442,741; Jan. 16.
Bottle carrier. C. B. Williams. 1,474,305; Nov. 13.
Bottle carrier and opener, Milk-. M. J. Dvorshak. 1,467,613; Sept. 11.
Bottle carrier, Milk-. V. Boulia. 1,457,342; June 5.
Bottle carrying cup cap, Vacuum-. I. A. Gay. 1,441,793; Jan. 9.
Bottle-cleaning apparatus. C. H. Loew and J. R. Gruetter. 1,462,512; July 24.
Bottle-cleaning apparatus. C. H. Lowe and J. R. Gruetter. 1,463,763; July 31.
Bottle-cleaning machines, Crate for. B. E. Linfoot. 1,460,068; June 26.
Bottle closure. C. L. Bernardo. 1,473,540; Nov. 6.
Bottle closure. G. Boggio. 1,471,937; Oct. 23.
Bottle closure. L. O. Culver. 1,442,652; Jan. 16.
Bottle closure. H. Ipsen. 1,447,082; Feb. 27.
Bottle closure. C. G. van der Lee. 1,468,314; Sept. 18.
Bottle closure. H. Shelmon. 1,466,314; Aug. 28.
Bottle closure. F. G. Shull. 1,472,093; Oct. 30.
Bottle closure. C. L. Turner. 1,478,687; Dec. 25.
Bottle-closure-applying device. S. L. Goldman. 1,473,342; Nov. 6.
Bottle closure, Automatic. C. Harrer. 1,456,774; May 29.
Bottle closure, Milk-. A. M. Baroody. 1,462,462; July 17.
Bottle closure, Milk-. E. Dingman. 1,459,579; June 19.
Bottle closure or cap. R. Murchie. 1,453,514; May 1.
Bottle closure, Sanitary. H. R. Stevens. 1,478,146 Dec. 18.
Bottle container, Milk-. J. V. Porter. 1,472,437; Oct. 30.
Bottle cooler. J. W. Woodward and F. E. Lewis. 1,469,866; Oct. 9.
Bottle-cooling device. O. M. Wooldridge. 1,460,304; June 26.
Bottle cover. S. L. Goldman. 1,471,120; Oct. 16.
Bottle-cover and spout. J. A. Klein. 1,448,967; Mar. 20.
Bottle cover, Nursing-. P. Ferris. 1,458,041; June 5.
Bottle crowner. J. J. Gaynor. 1,448,956; Mar. 20.
Bottle-disk extractor. R. E. Wike. 1,448,956; Mar. 20.
Bottle, Dosage. W. J. Covell. 1,453,444; May 1.
Bottle, Dropper. T. A. DeVilbiss. Des. 62,889; Aug. 21.
Bottle feeding and grinding device. J. H. Konefes. 1,454,931; May 15.
Bottle filler. J. C. A. Sittler. 1,444,854; Feb. 13.
Bottle filling and capping machine. I. R. Hippenmeyer and C. Skidd. 1,463,998; Aug. 7.
Bottle filling and capping machine or the like. R. L. Nicholas. 1,460,210; June 26.
Bottle-filling machine. L. A. Hawthorne. 1,442,405; Jan. 16.
Bottle-filling machine. G. A. Howe and J. L. Kosmann. 1,458,979; June 19.
Bottle-filling machine. L. L. Strasburger and G. W. Goode. 1,449 019; Mar. 20.
Bottle-filling machine or the like. R. L. Nicholas and M. Goldberger. 1,460,211; June 26.
Bottle, Glass. S. C. Miller. Des. 63,373; Nov. 27.
Bottle handle, Milk-. L. Kranzl. 1,461,621; July 10.
Bottle handle, Milk-. W. E. Parnell. 1,474,685; Nov. 20.
Bottle handling and testing apparatus. H. M. and C. M. Cushman, W. A. Washburn, and H. E. Kimball. 1,446,161; Feb. 20.
Bottle-handling device. H. Hillmann. 1,462,546; July 24.
Bottle holder. C. Cohen. 1,451,649; Apr. 10.
Bottle holder. C. A. F. Ducorron. 1,474,322; Nov. 13.
Bottle holder. R. E. Frank. 1,456,728; May 29.
Bottle holder. C. F. Shoenfelt, G. H. Cook, and F. H. Cook. 1,459,707; June 19.
Bottle holder. H. A. W. Ward. 1,464,789–90; Aug. 14.
Bottle holder. A. L. Welch. 1,448,015; Mar. 13.
Bottle holder, Antithief milk-. J. Russo. 1,468,214; Sept. 18.
Bottle holder, Collapsible. G. E. Llewellyn. 1,470,383; Oct. 9.
Bottle holder, Milk-. A. Codair. 1,475,934; Dec. 4.
Bottle holder, Milk-. M. G. Gardonyi. 1,457,060; May 29.
Bottle holder, Milk-. W. H. Lykins. 1,462,370; July 17.
Bottle holder, Nursing-. E. D. Jennings. 1,474,593; Nov. 20.
Bottle holder, Sanitary. J. B. Morton. 1,464,578; Aug. 14.
Bottle, Milk. R. Dunn. 1,462,330; July 17.
Bottle necks, Tool for removing ties from. A. C. Meeker. 1,456,185; May 22.
Bottle, Nonrefillable. C. W. Sharp. 1,456,939; May 29.
Bottle, Nursing. C. Campus. 1,440,966; Jan. 2.
Bottle, Nursing. M. A. Davenport. 1,441,623; Jan. 9.
Bottle, Nursing. R. J. Hagerty. 1,451,822; Apr. 17.
Bottle, Nursing. J. May. 1,448,309; Mar. 13.
Bottle, Nursing. A. L. Mobley. 1,466,311; Aug. 28.
Bottle opener. E. Camp and A. F. Schatzel. 1,474,105; Nov. 13.
Bottle opener, Milk-. W. Hughes. 1,473,936; Nov. 13.
Bottle opener, Nonsplash. J. O. Remillard. 1,463,536; July 31.
Bottle or similar article. A. J. Sanford. Des. 62,963; Aug. 28.
Bottle, Paper milk. R. M. Oliver. 1,463,437; July 31.
Bottle, Perfume. L. Philippe. Des. 63,433–4; Dec. 4
Bottle, Perfume. C. Weeks. Des. 62,684; July 17.
Bottle, Perfume. C. Weeks. Des. 62,858; Aug. 7.
Bottle, Perfume. C. Weeks. Des. 63,209; Oct. 30
Bottle protector. V. Hamilton. 1,468,808; Sept. 25.
Bottle protector. J. McCrink. 1,462,291; July 17.
Bottle receptacle. T. E. Petty. 1,462,356; July 17.
Bottle refrigerator. W. O'Neel. 1,468,126; Sept. 18.
Bottle-rinsing machine. C. A. Miller. 1,466,141; Aug. 28.
Bottle, Sanitary nursing. W. Richmond. 1,466,190; Aug. 28.
Bottle scrubbing and washing machine. C. B. Van Horn. 1,459,643; June 19.
Bottle-sealing apparatus. H. M. Ross. 1,445,717; Feb. 20.
Bottle-sealing device. M. P. Orr. 1,478,140; Dec. 18.
Bottle stopper. J. F. Borne and G. A. Galloway. 1,448,051; Mar. 13.
Bottle stopper. V. E. Dance. 1,463,198; July 31.
Bottle stopper. J. P. McLaurin. 1,443,425; Jan. 30.
Bottle stopper. H. P. Roberts. 1,473,048; Nov. 6.
Bottle stopper. J. Schedler. 1,469,487; Oct. 2.
Bottle stopper. H. J. Smallwood. 1,458,366; June 12.

Bottle stopper and pouring spout, Milk-. J. T. Marshall and S. W. Leavitt. 1,441,364; Jan. 9.
Bottle-stopper-varnishing device. P. W. Raehse. 1,457,748; June 5.
Bottle top, Ornamental. H. L. Heiter. 1,454,510; May 8.
Bottle, Unbreakable nursing. P. W. Frehafer. 1,459,725; June 26.
Bottle, Vacuum. A. G. Hale. 1,456,797; May 29.
Bottle vending and ejecting mechanism, Coin-controlled. C. W. Adams. 1,441,650; Jan. 9.
Bottle washer. C. Hamann. 1,464,870; Aug. 14.
Bottle washers, etc., Automatic case feeder for. S. W. Wilkinson. 1,467,409; Sept. 11.
Bottle-washing machine. G. A. Berg. 1,455,774; May 22.
Bottle-washing machine. O. C. Grenzke. 1,462,598; July 24.
Bottle-washing machine. H. D. Lathrop. 1,445,775; Feb. 20.
Bottle-washing machine. E. A. Schmidt. 1,442,006; Jan. 9.
Bottles and cans, Hand tool for opening. O. A. Hanford. 1,471,027; Oct. 16.
Bottles and like containers, Apparatus for cleaning. H. Scarborough and J. R. Dostal. 1,445,359; Feb. 13.
Bottles and the like, Combined air-pressure release and cover for. T. W. Slack. 1,468,886; Sept. 25.
Bottles and the like, Safety receptacle for. C. B. Olsen, jr. 1,459,375; June 19.
Bottles and the like, Stopper for. H. J. Bragdon. 1,463,570; July 31.
Bottles, Apparatus for ejecting, accelerating, or controlling liquid discharge from. G. Clark. 1,459,282; June 19.
Bottles, Closure for milk. I. Davis. 1,459,443; June 19.
Bottles, Dropping attachment for. C. L. Swartz. 1,471,868; Oct. 23.
Bottles, etc., Machine for making. W. E. Glaspey. 1,453,759; May 1.
Bottles, etc., Mechanism for handling. M. C. Heath. 1,460,020; June 26.
Bottles, Fluid-discharge means for. B. E. Robinson. 1,458,004; June 5.
Bottles, Holder for nursing. R. E. Bannon. 1,461,342; July 10.
Bottles, Locker for milk. J. E. Ward. 1,465,537; Aug. 21.
Bottles, Manufacturing water. J. W. Patterson. 1,442,357; Jan. 16.
Bottles or containers, Holder for. C. M. Feist. 1,449,275; Mar. 20.
Bottles or the like, Machine for capping. P. J. Bouchet 1,452,410; Apr. 17.
Bottles, Receptacle for holding milk. F. Vescuso. 1,450,997; Apr. 10.
Bottles, Safety device for. H. P. Kraft. 1,457,706; June 5.
Bottles, Spoonholder for. L. S. Barr. 1,443,861; Jan. 30.
Bottles, tins, jars, containers, and receptacles, Closure for. R. S. Brown. 1,481,139–40; Oct. 16.
Bottles, Top for drinking. E. L. McGuire. 1,441,010; Jan. 2.
Bottling machine. W. E. Haskell. 1,477,485; Dec. 11.
Bottling machines, Combined mixing and inspection attachment for. W. B. Doe. 1,448,617; Mar. 13.
Bouquet holder. A. Glassman. 1,450,955; Apr. 10.
Bouquet holder. G. Robinson. 1,456,859; May 29.
Bowl. F. Carder. Des. 61,942; Feb. 13.
Bowl. F. Carder. Des. 61,944; Feb. 13.
Bowl. F. Carder. Des. 61,946; Feb. 13.
Bowl. F. Carder. Des. 63,252; Nov. 13.
Bowl. A. J. Flauder. Des. 62,044; Mar. 6.
Bowl, Cracker. G. L. Tillotson. 1,448,423; Mar. 13.
Bowl, Grapefruit. V. Watts and C. Vogel. 1,467,888; Sept. 11.
Bowl, Nut-. W. M. Humbert. Des. 62,486; June 12.
Bowl or similar article. H. Wanerman. Des. 62,679–80; July 17.
Bowl or similar articles, Fruit. J. Friedman. Des. 62,022; Mar. 6.
Bowl or the like. L. W. Rice. Des. 62,175; Apr. 3.
Bowl, Washing. C. P. Bohland. 1,467,994; Sept. 18.
Bowling alleys, Attachment for. C. A. Wendt. 1,446,954; Feb. 27.
Bowls, Driving means for centrifugal. M. Leitch. 1,476,760; Dec. 11.

Box: *See*—

Advertising box.
Annealing box.
Automobile license box.
Bait box.
Battery box.
Bearing box.
Beauty box.
Belt box.
Bobbin supply box.
Cardboard box.
Cartridge box.
Cash box.
Cheese box.
Click box.
Collapsible box.
Color box.
Compartment box.
Compartment mail box.
Conduit outlet box.
Container box.
Core box.
Covered box.
Cut-out box.
Delivery box.
Display box.
Display folding box.
Fare box.
Feed box.
Filing box.
Film-roll box.
Film-transporting box.
Fire box.
Fish box.
Folding box.
Fuse box.
Garment box.
Glove box.
Golf putting box.
Ice box.
Ice-cream box.
Journal box.
Lamp-shade-delivery box.
Letter box.
Locomotive driving box.
Locomotive fire box.
Lunch box.
Mail box.
Match box.
Metal box.
Meter box.
Miter box.
Nest box.
Outlet box.
Paint box.
Paper box.
Paper folding box.
Parcel box.
Pasteboard box.
Phonograph sound box.
Pocket match box.
Powder box.
Powder-dispensing box.
Printing box.
Reducible size box.
Rural mail box.
Safety box.
Safety chick box.
Safety deposit box.
Sewing box.
Sheet-metal box.
Shipping box.
Shoe-polish box.
Sign box.
Size-reducible box.
Sketch box.
Sluice box.
Soap box.
Sound box.
Sound-deadening box.
Sound-refining box.
Stamp-pad box.
Staying-machine box.
Stuffing box.
Suture box.
Switch box.
Telephone coin box.
Terminal box.
Ticket box.
Tool box.
Vanity box.
Window box.
Wrapped box.

Box. L. Binder. 1,442,515; Jan. 16.
Box. L. Binder. 1,447,276; Mar. 6.
Box. A. Danziger. Des. 62,145; Mar. 27.
Box. F. J. Dolan. 1,443,565; Jan. 30.
Box. W. E. Elliott. 1,468,229; Sept. 18.
Box. C. A. Fox. 1,463,074; July 24.
Box. J. G. Huye. 1,473,432; Nov. 6.
Box. I. Iscowitz. 1,445,593; Feb. 13.
Box. W. H. Joslin. 1,441,727; Jan. 9.
Box. J. J. Kehn. 1,468,237; Sept. 18.
Box. H. Levine. 1,475,708; Nov. 27.
Box. J. F. Matthews. 1,463,059; July 24.
Box. C. F. Montag. 1,471,050; Oct. 16.
Box. E. C. Pease. Des. 63,314; Nov. 20.
Box. L. G. Rosskam. Des. 63,042; Sept. 18.
Box. H. B. Walter. 1,449,468; Mar. 27.
Box. G. X. Wendling. 1,472,346; Oct. 30.
Box and attachment therefor. E. C. J. Lloyd. 1,474,271; Nov. 13.
Box and blank therefor, Foldable. H. L. Fellowes. Re. 15,532; Jan. 23.
Box and crate. F. Krzyzak. 1,478,038; Dec. 18.
Box and knockout therefor, Junction. W. A. Bennell. 1,477,806; Dec. 18.
Box and like article, Covered. O. P. Greenwood. 1,442,940; Jan. 23.
Box and making the same. O. C. Thompson. 1,472,535; Oct. 30.
Box and manufacturing same, Collapsible. H. Levine. 1,458,349; June 12.
Box blank, Fruit-. W. J. Bray. 1,468,696; Sept. 25.
Box blanks, Form for use in making. G. Hopkins. 1,471,558; Oct. 23.
Box blanks, Machine for forming. C. L. Moyer. 1,456,248–9; May 22.
Box bodies, Blank for and forming. L. Binder. 1,447,277; Mar. 6.
Box cell case. A. H. Showalter. 1,443,283; Jan. 23.
Box connector. B. E. Getchell. 1,466,361; Aug. 28.
Box construction. J. H. Godshall. 1,449,667; Mar. 27.
Box construction and manufacturing, Reenforced and safety. B. H. Davis. 1,470,063; Oct. 9.
Box cover. G. E. Scruby. 1,451,963; Apr. 17.
Box cover. H. C. F. Zimmer. 1,468,852; Sept. 25.
Box cover, Detachable. F. G. Salerno. 1,464,508; Aug. 14.
Box-cover fastener. H. Appel. 1,476,679; Dec. 11.
Box-cover press. J. W. Robbins. 1,473,643; Nov. 13.
Box-covering machine. F. E. Hatch. 1,451,908; Apr. 17.
Box-covering machine. A. Worcester. 1,452,720; Apr. 24.
Box covers, Mechanism for applying. J. C. Thom. 1,446,359; Feb. 20.
Box covers, Wrapping for candy. J. H. Rook. 1,450,230; Apr. 3.
Box fastener. R. Rainalter. 1,462,657; July 24.
Box fastener. E. B. Strange. 1,469,196; Sept. 25.
Box, Folding. A. Weber. 1,442,837; Jan. 23.
Box-folding machines. Blank-carrying mechanism for. L. E. La Bombard. 1,444,348; Feb. 6.
Box for candy or the like. J. K. Farley, jr. 1,460,127; June 26.
Box for carboys, Shipping. C. S. Weatherby. 1,462,672; July 24.
Box for shipment of eggs and other articles, Collapsible. J. H. Spangler. 1,471,508; Oct. 23.
Box form or mandrel. M. B. Diskin. 1,456,096; May 22.
Box-forming block. W. E. Middleton. 1,473,244; Nov. 6.
Box handle. J. H. Beckman. 1,472,508; Oct. 30.
Box-handling apparatus. F. Stebler and G. T. Stamm. 1,474,857; Nov. 20.
Box lock, Meter-. E. Rynearson. 1,442,446; Jan. 16.
Box machine, Wirebound-. H. J. Koch. 1,454,518; May 8

Box machine, Wirebound-. H. J. Koch. 1,457,529; June 5.
Box-making machine. J. Albrecht. 1,460,693; July 3.
Box-making machine. E. D. Anderson and C. Beckmann. 1,463,454; July 31.
Box-making machine. H. A. Denmire. 1,476,954; Dec. 11.
Box-making machine. M. Feybusch and S. Severson. 1,468,146; Sept. 18.
Box-making machine. C. G. Lundholm. 1,448,412; Mar. 13.
Box-making machine, Pasteboard-. A. A. Arnold. 1,463,567; July 31.
Box-making machines, Means for feeding adhesive material to. J. Rudnick. 1,461,737; July 17.
Box material, Automatic machine for shaping and fastening iron bands to. S. J. Gunn. 1,465,817; Aug. 21.
Box-nailing machine. L. Marshall. 1,455,217; May 15.
Box-nailing machines, Table for. G. D. Parker. 1,468,392; Sept. 18.
Box opener. O. Skaar. 1,451,593; Apr. 10.
Box opener. A. B. Vieth, sr. 1,473,892; Nov. 13.
Box or carton, Folding. R. Hunt. 1,478,336; Dec. 18.
Box or container and sealing same. C. C. Mengel. 1,472,661; Oct. 30.
Box or receptacle, Foldable. B. L. Severance. 1,443,437; Jan. 30.
Box, packing case, and the like. J. I. Nasmith 1,473,196; Nov. 6.
Box, packing case, and the like, Collapsible. J. W. Cooper. 1,448,433; Mar. 13.
Box parts or boxes, Making. O. C. Thompson. 1,472,534; Oct. 30.
Box reenforcement. E. Miller. 1,459,309; June 19.
Box-strapping device. S. W. Treat. 1,469,857; Oct. 9.
Box straps, Machine for applying. A. G. G. Guenther. 1,462,960; July 24.
Box-washing apparatus. A. M. Spaeth. 1,465,371; Aug. 21.
Box-wrapping and similar machines, Counting and registering device for. J. H. Stortz. 1,452,713; Apr. 24.
Boxes and boxes made of fiber or paper board, Making. H. B. Walter. 1,449,467; Mar. 27.
Boxes and crates, Machine for making. J. Shellenberger. 1,463,727; July 31.
Boxes and elements thereof, Making. C. Holly. 1,450,681; Apr. 3.
Boxes and safes, Indicating mechanism for strong. K. Mamiya. 1,465,362; Aug. 21.
Boxes and the like, Machine for making paper folding. C. Butterfield. 1,461,966; July 17.
Boxes and the like, Packeting device for. G. C. Ekström and G. Orström. 1,468,010; Sept. 18.
Boxes, Automatic signal-operating device for mail. H. C. Feist. 1,456,543; May 29.
Boxes, Cam for gill. G. T. Hemsley. 1,453,010; Apr. 24.
Boxes, cases, etc., Composition for the manufacture of. R. de los Santos. 1,464,588; Aug. 14.
Boxes, Compartment end closure for. G. X. Wendling. 1,472,347; Oct. 30.
Boxes, Corner stay for. E. G. Higginson. 1,462,009; July 17.
Boxes, Fraud-prevention means for cigar. L. Greenstein. 1,474,963; Nov. 20.
Boxes, Lateral-motion device for driving. W. E. Woodard. 1,452,862; Apr. 24.
Boxes, Machine for making. A. V. Coster. 1,461,414; July 10.
Boxes, Machine for sealing. W. MacGowan. 1,442,727; Jan. 16.
Boxes, Machine for the manufacture of cardboard. G. Rubello. 1,466,759; Sept. 4.
Boxes, Machine for use in making. C. H. Bombardie. 1,463,382; July 31.
Boxes, Machine for use in making. D. A. Landers. 1,461,014; July 3.
Boxes, Machine for use in making. O. C. Thompson. 1,467,278; Sept. 4.
Boxes, Machine for wrapping. M. Feybusch and P. W. Fleischer. 1,475,694; Nov. 27.
Boxes, Making annealing. W. P. Shipman. 1,449,200; Mar. 20.
Boxes, Making loose-wrapped folding. G. W. Case and J. W. Roberts. 1,455,321; May 15.
Boxes, Making wirebound. H. J. Koch. 1,454,517; May 8.
Boxes of sheet metal, Manufacturing. M. Singewald. 1,440,561; Jan. 2.
Boxes of the slide and shell type, Machine for use in fitting together. W. E. Molins. 1,473,496; Nov. 6.
Boxes, Oil retainer for journal. A. Boomershine. 1,460,809; July 3.
Boxes or the like, Making paper folding. C. Butterfield. 1,461,967; July 17.
Boxes or the like, Mold for plastic flower. W. A. Carey. 1,457,767; June 5.
Boxes, Removable label and transparent panel holder for cake. W. J. Park and F. H. Robinson. 1,441,447; Jan. 9.

Brace: *See*—
Adjustable brace.
Automobile brace.
Automobile fender brace.
Chassis brace.
Fender brace.
Folding brace.
Frame brace.
Hand brace.
Heel brace.
Lid brace.
Rail brace.
Railway-rail brace.
Screen-door brace.
Stovepipe brace.
Tractor brace.

Brace. E. E. Johnson. 1,462,702; July 24.
Brace. N. Saros. 1,441,177; Jan. 2.
Brace. R. W. Shaffer. 1,466,487; Aug. 28.
Brace and tension device. C. E. Reddig. 1,445,239; Feb. 13.
Braces. P. M. J. Laflèche. 1,474,268; Nov. 13.
Braces and the like, Handle construction for. W. I. Tuttle. 1,478,409; Dec. 25.
Bracelet. S. Gyulai. 1,448,440; Mar. 13.
Bracelet. C. M. Levy. Des. 62,738; July 24.
Bracelet. P. B. McKenzie. 1,461,250; July 10.
Bracelet. S. O. Myrberg. 1,440,838; Jan. 2.
Bracelet. W. Segman. Des. 62,592; June 19.
Bracelet. W. Segman. 1,466,566; Aug. 28.
Bracelet. C. H. Sherman. 1,447,188; Mar. 6.
Bracelet. C. H. Sherman. Des. 63,141; Oct. 16.
Bracelet and link therefor. H. A. Schmidt. 1,443,654; Jan. 30.
Bracelet and making the same, Flexible wire-strand bead. C. H. Sherman. 1,448,465; Mar. 13.
Bracelet, armlet, garter, and the like, Expansible wire. C. Terry. 1,440,647; Jan. 2.
Bracelet, belt, or the like, Expanding. G. W. Harrison. 1,455,883; May 22.
Bracelet-buckle member. A. G. Eklund. Des. 62,939–40; Aug. 28.
Bracelet-buckle member. E. H. Lohrmann. Des. 62,958; Aug. 28.
Bracelet clasp. K. L. Toelcke, A. Mikkola, and L. Shapiro. 1,466,975; Sept. 4.
Bracelet clasp, Ribbon-. R. King. 1,478,658; Dec. 25.
Bracelet coupling. F. R. Stafford. 1,445,564; Feb. 13.
Bracelet, Flexible. A. F. Blanchard. 1,467,468; Sept. 11.
Bracelet, Flexible. L. A. Veigel, jr. 1,443,512; Jan. 30.
Bracelet or article of similar nature, Arm. I. H. Lapidus. Des. 61,982; Feb. 20.
Bracelet or like article of jewelry. A. L. Newman. 1,473,796; Nov. 13.
Bracelets, Link for expansible. G. J. Bauer and F. B. Carson. 1,461,203; July 10.
Bracket: *See*—
Adjustable bracket.
Armored bracket.
Attaching bracket.
Automatic microscope bracket.
Bathroom bracket.
Brake bracket.
Bumper bracket.
Bumper-attaching bracket.
Bumper-bar-supporting bracket.
Caster bracket.
Clothesline bracket.
Curtain-rod bracket.
Fender bracket.
Ladder bracket.
Ladder scaffold bracket.
Ladder-step bracket.
Lamp bracket.
Lantern bracket.
Rail bracket.
Receptacle-supporting bracket.
Scaffold bracket.
Scaffold and roof bracket.
Scaffolding bracket.
Sewing-machine-motor bracket.
Shade bracket.
Shade and curtain bracket.
Shelf bracket.
Sink bracket.
Spotlight bracket.
Spring bracket.
Supporting bracket.
Swivel bracket.
Tube bracket.
Tube-frame bracket.
Wall bracket.
Wheel bracket.
Window bracket.
Window-shade bracket.

Bracket. J. T. Corley. 1,461,210; July 10.
Bracket. B. V. Czarnecki. 1,459,364; June 19.
Bracket. S. J. Dick. 1,451,764; Apr. 17.
Bracket. A. G. Feldman. 1,453,788; May 1.
Bracket. L. C. Harrington. 1,470,261; Oct. 9.
Bracket. H. Horstman. 1,478,122; Dec. 18.
Bracket and fender, Spring. W. G. Cox. 1,455,573; May 15.
Bracket arm. F. Craib. Des. 62,099–101; Mar. 20.
Bracket back. E. S. Lewis. Des. 63,055; Sept. 25.
Bracket back. G. E. Villaret. Des. 62,753; July 24.
Bracket back. G. E. Villaret. Des. 62,755–8; July 24.
Bracket for supporting objects, and especially for securing number plates. A. W. Cordes. 1,463,358; July 31.
Bracket-suspension or motor-supporting means. R. A. Weinhardt. 1,466,610; Aug. 28.
Brackets and the like on tubes, Mounting. W. Meyer. 1,477,657; Dec. 18.
Braid and the like, Featherstitch. A. A. Hodgkins. Des. 62,907; Aug. 21.
Braid or similar article, Featherstitch. A. A. Hodgkins. Des. 62,906; Aug. 21.
Braid or similar article, Featherstitch. A. A. Hodgkins. Des. 63,079; Oct. 2.
Braid or the like, Package for. O. Mitchell. 1,459,849; June 26.
Braid or the like, Tip for. C. P. Berolzheimer. 1,465,754; Aug. 21.
Braiding apparatus. A. and H. Scheuer. 1,465,487; Aug. 21.

Braiding die. A. Petersen. 1,469,530; Oct. 2.
Braiding machine. E. Bächli. 1,475,981; Dec. 4.
Braiding machine. J. B. Chace. 1,441,782; Jan. 9.
Braiding machine. J. B. Hale. 1,449,749; Mar. 27.
Braiding machine. F. Klein. 1,465,554; Aug. 21.
Braiding machine. X. Pfrunder. 1,476,639; Dec. 4.
Braiding machine. C. Tober. 1,456,656; May 29.
Braiding machine. C. Tober. 1,457,474; June 5.
Braiding-machine body structure. J. B. Hale. 1,469,217; Oct. 2.
Braiding-machine carrier. J. B. Hale. 1,470,920; Oct. 16.
Braiding-machine carrier. G. F. McCahey. 1,444,513; Feb. 6.
Braiding machines, Beater mechanism for. H. Staub. 1,455,892; May 22.
Braiding machines, Bobbin stand for. A. Petersen. 1,472,492; Oct. 30.
Braiding machines, Carrier-controlling device for. A. Petersen. 1,462,213; July 17.
Braiding machines, Stop motion for. F. W. Mansfield. 1,467,551; Sept. 11.
Brake: *See*—

Air brake.	Fluid-pressure brake.
Attachable brake.	Friction brake.
Auto brake.	Hand brake.
Automatic brake.	Hydraulic brake.
Automobile brake.	Internal brake.
Automotive brake.	Liquid brake.
Band brake.	Load-controlled air brake.
Bending brake.	Momentum-operated brake.
Car brake.	Outside brake.
Car hand brake.	Pneumatic brake.
Carriage brake.	Power brake.
Coaster brake.	Propeller brake.
Disk brake.	Railway brake.
Drum brake.	Service brake.
Electric brake.	Sled brake.
Electromechanical brake.	Steering-wheel brake.
Electropneumatic brake.	Truck brake.
Elevator brake.	Vehicle brake.
Emergency brake.	Wagon brake.
Fluid brake.	Wheel brake.
Fluid-operated brake.	

Brake. E. M. Bouton and R. Pruger. 1,472,151; Oct. 30.
Brake. C. E. Bradburn and A. Finke. 1,475,538; Nov. 27.
Brake. S. H. Clapp. 1,465,509; Aug. 21.
Brake. H. W. Clark. 1,471,997; Oct. 23.
Brake. O. L. Coffey. 1,443,728; Jan. 30.
Brake. E. R. Evans. 1,463,159; July 31.
Brake. C. W. Heltman. 1,441,084; Jan. 2.
Brake. J. A. Heyser. 1,452,736; Apr. 24.
Brake. J. A. La Viers. 1,472,302; Oct. 30.
Brake. E. V. Lawrence. 1,444,194; Feb. 6.
Brake. W. R. Lee. 1,444,317; Feb. 6.
Brake. A. H. Manwaring. 1,474,537; Nov. 20.
Brake. H. W. Muhleisen. 1,459,237; June 19.
Brake. R. W. Perkins. 1,453,600; May 1.
Brake. E. A. Rarey. 1,445,170; Feb. 13.
Brake. J. M. Rohlfing. 1,452,528; Apr. 24.
Brake. W. Sanderson. 1,443,093; Jan. 23.
Brake. R. Schmitz. 1,462,722; July 24.
Brake. J. R. Steele and J. R. Stanger. 1,448,095; Mar. 13.
Brake. J. F. Streib. 1,455,311; May 15.
Brake. G. J. Thomas. 1,457,048; May 29.
Brake. H. G. Weymouth. 1,443,775; Jan. 30.
Brake-actuating mechanism. R. A. Neal. 1,452,212; Apr. 17.
Brake-adjusting device. A. M. Erhart and W. R. McFarland. 1,449,273; Mar. 20.
Brake-adjusting means. W. F. Pfander. 1,468,033; Sept. 18.
Brake-adjusting mechanism. B. F. Kurtz. 1,467,046; Sept. 4.
Brake alarm, Emergency-. J. D. Sartakoff. 1,447,604; Mar. 6.
Brake and clutch lock. J. S. Sims. 1,456,579; May 29.
Brake and clutch mechanism. A. C. Mason. 1,473,115; Nov. 6.
Brake and draft appliance, Automatic. W. W. Henderson. 1,441,348; Jan. 9.
Brake and tension device. E. E. Strawn. 1,469,284; Oct. 2.
Brake and throttle pedal, Combined. G. Bailhe. 1,473,984; Nov. 13.
Brake and transmission band lining, Detachable. W. A. McGuire. 1,455,259; May 15.
Brake and transmission bands, Treating. W. K. Boileau. Re. 15,543; Feb. 20.
Brake-applying device, Pressure-equalizing. O. J. Frock. 1,457,156; May 29.
Brake band. W. L. Darnell. 1,478,849; Dec. 25.
Brake band. W. M. Parkison. 1,450,448; Apr. 3.
Brake band. A. H. Sweet. 1,478,070; Dec. 18.
Brake-band-control mechanism. R. Wick. 1,455,372; May 15.
Brake band, Demountable. C. E. Carlson. 1,471,882; Oct. 23.
Brake-band facing, Unwoven. W. C. Fisher. 1,465,389; Aug. 21.
Brake-band fitting. O. Konigslow, sr. 1,456,605-6; May 29.
Brake-band lining. A. L. Rennie. 1,450,925; Apr. 10.
Brake-band lining. R. Reynolds. 1,466,189; Aug. 28.
Brake-band lining, Linked. A. H. Sweet. 1,460,118; June 26.
Brake-band silencing pad. F. C. Morris. 1,470,864; Oct. 16.
Brake bands, brake shoes, etc., Lining or friction member for. F. A. Headson. 1,468,634; Sept. 25.
Brake bands, Relining motor-vehicle. R. Sardeson. 1,452,475; Apr. 17.
Brake beam. S. A. Crone. 1,475,280; Nov. 27.
Brake beam. C. Harter. 1,476,752; Dec. 11.
Brake beam. E. C. Washburn. 1,443,808; Jan. 30.
Brake-beam fulcrum. W. C. Hedgcock. 1,445,881; Feb. 20.
Brake-beam fulcrum. W. C. Hedgcock. 1,446,042; Feb. 20.
Brake-beam fulcrum. A. Sparrow. 1,474,946; Nov. 20.
Brake-beam fulcrum and making same, Forged. E. R. Viberg. 1,460,773; July 3.
Brake-beam fulcrum, Reversible. E. A. Mayhew. 1,473,116; Nov. 6.
Brake-beam fulcrum strut. W. E. Fowler, jr. 1,474,110; Nov. 13.
Brake beam, Railway. S. A. Crone. 1,459,141; June 19.
Brake-beam support and brake-shoe-release device. J. L. Mohun. 1,446,855; Feb. 27.
Brake beams and making same, Reversible strut for. A. P. Rissler and W. G. Hamilton. 1,474,165; Nov. 13.
Brake beams, Support for clasp. E. G. Busse. 1,461,516; July 10.
Brake beams, Third and fourth point support for. A. W. Hawkins. 1,478,565; Dec. 25.
Brake beams, Third or fourth point suspension support mount or bracket for. E. A. Le Beau. 1,453,684; May 1.
Brake block. R. J. Stokes. 1,462,391; July 17.
Brake bracket, Outside. F. J. Andel. 1,455,562; May 15.
Brake-clutch connector, Ford. J. C. Boyle. 1,451,488; Apr. 10.
Brake-control mechanism. E. H. Belden. 1,464,920; Aug. 14.
Brake device. H. A. Cover and A. McKinney. 1,459,574; June 19.
Brake device, Fluid-pressure-. J. C. McCune. 1,469,585; Oct. 2.
Brake device, Load-. T. H. Thomas. 1,472,100; Oct. 30.
Brake, Double-acting load. W. E. Hale. 1,457,162; May 29.
Brake drum. G. Walther. 1,473,366; Nov. 6.
Brake drums, Grease shield for. W. D. Beightol. 1,473,664; Nov. 13.
Brake equalizer. C. M. Mohler. 1,453,597; May 1.
Brake-equalizing device. E. G. Lefever. 1,468,910; Sept. 25.
Brake hangers, Bracket for. B. Haskell. 1,440,734; Jan. 2.
Brake head, Adjustable. W. C. Hedgcock. 1,453,838; May 1.
Brake iron. S. L. Hall. 1,463,693; July 31.
Brake lever, Emergency. O. W. Pope. 1,468,414; Sept. 18.
Brake lining. W. D. Pardoe. 1,447,100; Feb. 27.
Brake lining, Demountable. H. Vanderhoof and W. Gillig. 1,474,215; Nov. 18.
Brake-lining dressing. W. B. Falor. 1,461,386; July 10.
Brake linings and the like, Making. F. J. Gleason. 1,452,555; Apr. 24.
Brake lock, Automatic. L. F. Hellmann and W. W. Baxter. 1,459,099; June 19.
Brake mechanism. E. H. Belden. 1,468,453; Sept. 18.
Brake mechanism. M. C. Blest. 1,473,006; Nov. 6.
Brake mechanism. W. C. Hedgcock. 1,454,167; May 8.
Brake mechanism. L. G. Nilson. 1,445,232; Feb. 13.
Brake mechanism. A. H. Peycke. 1,459,745; June 26.
Brake mechanism. A. H. Peycke. 1,466,478; Aug. 28.
Brake mechanism. F. A. Shuler. 1,449,064; Mar. 20.
Brake mechanism. H. Vanderbeek. 1,454,091; May 8.
Brake mechanism. K. O. Winell. 1,457,868; June 5.
Brake mechanism, Automotive. J. R. Bartholomew. 1,469,551; Oct. 2.
Brake mechanism, Friction. C. L. C. Magee. 1,476,367; Dec. 4.
Brake mechanism, Hydraulic. L. L. Mack. 1,472,369; Oct. 30.
Brake mechanism, Trailer-. H. L. Hirschler. 1,444,316; Feb. 6.
Brake-operating apparatus. H. L. Hirschler. 1,444,315; Feb. 6.
Brake-operating device. H. F. Hardin. 1,464,761; Aug. 14.
Brake-operating means. J. H. Bash. 1,440,902; Jan. 2.
Brake-operating mechanism. H. E. Anderson. 1,468,691; Sept. 25.
Brake-operating mechanism. L. Boirault. 1,445,065; Feb. 13.
Brake-operating mechanism. W. R. R. Hiscutt. 1,446,702; Feb. 27.
Brake-operating mechanism. M. Loughead. 1,468,602; Sept. 18.
Brake-operating mechanism. E. W. Weaver. 1,440,514; Jan. 2.
Brake-operating mechanism, Safety. E. Q. Moses and R. H Plass. 1,449,831; Mar. 27.
Brake retainer. A. B. Myers. 145,745; June 5.

Brake rigging. O. E. Barthel. 1,473,456; Nov. 6.
Brake rigging, Clasp-. W. S. Baird. 1,470,343; Oct. 9.
Brake ring, Water-cooled. L. A. Knopp. 1,475,955; Dec. 4.
Brake-rod attachment. J. W. Connell and J. Armstrong. 1,462,932; July 24.
Brake-rod take-up. P. C. Agee. 1,458,793; June 12.
Brake rods, Fixture for. I. C. Shuster. 1,463,557; July 31.
Brake-setting device, Automatic. S. R. Hardy and R. A. Cochran. 1,464,039; Aug. 7.
Brake shoe. W. O. Lott. 1,471,273; Oct. 16.
Brake shoe. E. W. McDonald. 1,465,141; Aug. 14.
Brake shoe. C. D. Pettis. 1,470,472–3; Oct. 9.
Brake shoe. C. D. Pettis. 1,470,475–80; Oct. 9.
Brake shoe. E. C. Teague. 1,451,599; Apr. 10.
Brake shoe. J. S. Thompson. 1,463,981; Aug. 7.
Brake shoe and head connection. T. C. Huffman. 1,444,462; Feb. 6.
Brake-shoe back. C. D. Pettis. 1,470,474; Oct. 9.
Brake-shoe key. E. Emery. 1,451,332; Apr. 10.
Brake-shoe key. E. Emery. 1,465,975; Aug. 28.
Brake-shoe lug. G. L. McIntyre. 1,447,799; Mar. 6.
Brake shoe, Portable. G. E. Osterman. 1,476,099; Dec. 4.
Brake-shoe spreader. E. F. Shimer and R. I. Frey. 1,458,080; June 5.
Brake shoes, Locking key for. S. A. Crone. 1,475,281–2; Nov. 27.
Brake shoes, Locking key for. S. A. Crone. 1,475,284; Nov. 27.
Brake slack adjuster. W. C. Hunter. 1,463,821; Aug. 7.
Brake structure. V. W. Pagé. 1,471,914; Oct. 23.
Brake support. B. Haskell. 1,443,740; Jan. 30.
Brake supporting and releasing mechanism. J. F. Streib. 1,475,658; Nov. 27.
Brake system, Auxiliary. W. J. Rhodes. 1,477,004; Dec. 11.
Brake-testing machine. R. B. Spikes. 1,441,383; Jan. 9.
Brake-testing mechanism. C. B. Hutchison. 1,477,960; Dec. 18.
Brakes, Automatic slack adjuster for. A. R. K. Djurson. 1,462,270; July 17.
Brakes, Cam sheave for. V. R. Willoughby. 1,470,414; Oct. 9.
Brakes, Controlling mechanism for compound. W. Hildebrand. 1,449,001; Mar. 20.
Brakes, Fluid-actuated, pressure equalizer for hydraulic. O. J. Frock. 1,443,219; Jan. 23.
Brakes, Pressure equalizer for hydraulic. O. J. Frock. 1,453,098; Apr. 24.
Brakes, Regulating device for the flow of liquid in artillery. E. Rimailho. 1,461,403; July 10.
Brakes, Repairman's brake attachment for air. F. West. 1,450,272; Apr. 3.
Brakes, Spring washer for coaster. A. J. Mottlau. 1,467,873; Sept. 11.
Braking apparatus. M. Loughead. 1,460,163; June 26.
Braking apparatus. M. Loughead. 1,468,600; Sept. 18.
Braking apparatus. H. P. Reed. 1,446,517; Feb. 27.
Braking apparatus, Fluid-pressure. J. W. Cross. 1,450,432; Apr. 3.
Braking attachment. J. L. Devon. 1,461,084; July 10.
Braking mechanism. V. Link. 1,453,050; Apr. 24.
Braking system. W. S. H. Hamilton. 1,442,269; Jan. 16.
Braking system. G. Macloskie and R. Stearns. 1,442,286; Jan. 16.
Braking system. C. G. Pullin. 1,446,395; Feb. 20.
Braking system. R. Stearns and G. Macloskie. 1,442,305; Jan. 16.
Brass, Method of and flux for refining. H. Thomas. 1,454,351; May 8.
Brassière. I. S. Jerome. 1,462,966; July 24.
Brassière. I. Panes. 1,466,598; Aug. 28.
Brassière. H. L. Redmond. 1,446,928; Feb. 27.
Brassière. J. Rothkowitz. 1,454,790; May 8.
Brassière holder. R. C. Sheaffer. 1,455,152; May 15.
Brassière hook. W. E. Hatheway. 1,444,916; Feb. 13.
Bread-cooling apparatus. H. J. Buck. 1,474,619; Nov. 20.
Bread cutter. J. A. Scott. 1,441,887; Jan. 9.
Bread-dumping machine. J. A. McGarry. 1,473,996; Nov. 13.
Bread, Machine for preparing buttered. L. F. J. Dixen. 1,460,371; July 3.
Bread, Making. D. Chidlow. 1,450,483; Apr. 3.
Bread, Making. F. R. Warner. 1,447,054; Feb. 27.
Bread, Manufacture of leavened. G. S. Ward. 1,474,746; Nov. 20.
Bread pan. C. Driver. 1,461,974; July 17.
Bread rack, Revolving. J. W. Thompson. 1,474,302; Nov. 13.
Bread slicer. J. Whiting. 1,452,474; Apr. 17.
Bread-slicing machine. A. R. Luschka and H. Stukart. 1,445,633; Feb. 20.
Bread toaster. E. Hebert. 1,468,069; Sept. 18.
Bread-wrapping machines, Loaf catcher for. J. R. Hayes. 1,454,279; May 8.
Break device, Section-. N. J. A. Wahlberg. 1,440,511; Jan. 2.
Break switch, Quick-. J. F. Burns. 1,467,527; Sept. 11.
Breast drill. J. C. Williams. 1,476,386; Dec. 4.
Breast protector. M. V. Davis. 1,459,145; June 19.
Breast support. R. H. Reece. 1,448,639; Mar. 13.
Breath deflector. N. W. Aasen. 1,475,105; Nov. 20.
Breather tube. L. K. Snell. 1,452,259; Apr. 17.
Breathing apparatus. F. W. Koehler. 1,454,645; May 8.
Breathing apparatus, Supporting frame for self-contained. A. B. Dräger. 1,448,918; Mar. 20.
Breech-closing mechanism. T. Thornycroft. 1,445,420; Feb. 13.
Brickmaking machine. R. P. M. Davis. 1,476,496; Dec. 4.
Bridle bit. H. A. Oelkers. 1,476,999; Dec. 11.
Bridle, Bitless. I. Heien. 1,478,958; Dec. 25.
Brick. H. P. Barr. 1,456,048; May 22.
Brick. A. Castellani. Des. 62,880–4; Aug. 21.
Brick. R. B. Cooper. 1,444,167; Feb. 6.
Brick. G. Yumura. 1,446,238; Feb. 20.
Brick and burnt-clay articles, Applying vitreous and waterproofing coating to. J. H. Hines. 1,471,792; Oct. 23.
Brick and like materials, Crate for loading and unloading. H. G. Fergus. 1,456,975; May 29.
Brick and making same, Building. R. L. Taylor. 1,462,991; July 24.
Brick and other clay articles, Apparatus for drying. J. C. Boss. 1,468,990; Sept. 25.
Brick and tile machine. R. H. McElroy, J. D. Cite, and A. G. Langenkamp. 1,450,306; Apr. 3.
Brick and tile machines, Stripping and conveying mechanism for continuous. C. H. Bliss. 1,440,716; Jan. 2.
Brick, Arch. G. C. Denney. 1,463,156; July 31.
Brick arch, Fire-. A. H. Willet. 1,463,184; July 31.
Brick, Baffle. F. H. Waite. 1,473,132; Nov. 6.
Brick, Baffle. F. H. Waite. 1,478,309; Dec. 18.
Brick, Baffle-wall. A. H. Willett and H. S. Martin. 1,460,188; June 26.
Brick, Building. F. W. Rurade. 1,447,267; Mar. 6.
Brick, Carton for shipping sample. W. C. Koch. 1,444,691; Feb. 6.
Brick, Channel. A. Hardoncourt. 1,463,697; July 31.
Brick-cleaning machine. N. T. Fuller. 1,446,896; Feb. 27.
Brick-cleaning machine. J. Hoffmann. 1,465,132; Aug. 14.
Brick, Combination apparatus for drying, burning, and cooling. T. M. Wilson. 1,453,819; May 1.
Brick-faced metallic trim. M. Liptak. 1,454,294; May 8.
Brick for arches, Interlocking fire. W. J. Williams. 1,452,583; Apr. 24.
Brick, Forming texture. F. W. Butterworth. 1,463,936; Aug. 7.
Brick from a kiln, stack, pile, or the like, Apparatus for removing burnt. A. A. Scott. 1,474,793; Nov. 20.
Brick-handling apparatus. H. O. Pond and A. W. Mellen, jr. 1,443,966; Feb. 6.
Brick-handling apparatus. F. A. Schroeder and H. R. Smith. 1,452,711; Apr. 24.
Brick-handling fork. W. W. Wallace. 1,474,806; Nov. 20.
Brick-handling machine. J. L. Côté. 1,440,769; Jan. 2.
Brick-handling mechanism. C. S. Church. 1,441,661; Jan. 9.
Brick, Interlocking building. J. Hundley. 1,472,911; Nov. 6.
Brick machine. H. W. B. Graham. 1,454,165; May 8.
Brick machine. J. R. Tackett. 1,460,455; July 3.
Brick machine, Concrete-. C. S. Wert. 1,443,299; Jan. 23.
Brick, Machine for making. H. V. Brown. 1,442,122; Jan. 16.
Brick, Making. F. B. Dunn. 1,447,413; Mar. 6.
Brickmaking apparatus. H. W. B. Graham. 1,452,152; Apr. 17.
Brick making machine. A. Bootrym. 1,446,330; Feb. 20.
Brick mold, Header-. W. J. McCoy. 1,465,608; Aug. 21.
Brick-molding machine, Continuous. C. H. Bliss. 1,440,715; Jan. 2.
Brick or tile for furnace construction. C. F. Binns. 1,456,498; May 29.
Brick-pallet-handling apparatus. G. E. Luce. 1,473,305; Nov. 6.
Brick-paver's bridge. O. W. Gatchell. 1,473,223; Nov. 6.
Brick press. J. Lamassiaude and F. and C. Rouchaud. 1,466,305; Aug. 28.
Brick, Sanded texture. F. W. Butterworth. 1,463,937; Aug. 7.
Brick shapes and the like, Molding. C. L. Norton. 1,441,367; Jan. 9.
Brick shapes, Molding. C. L. Norton. 1,444,519; Feb. 6.
Brick, Slate. E. P. Engelbrecht. 1,462,596; July 24.
Brick-surfacing machine. J. Stocke, jr. 1,451,187; Apr. 10.
Brick trim for walls. M. Liptak. 1,454,293; May 8.
Brickkiln and setting and burning. W. J. Sullivan. 1,444,220; Feb. 6.
Bricks, Forming interlocking. J. T. Roberts and J. C. Martin, jr. 1,471,506; Oct. 23.
Bricks, Manufacture of. F. P. Jones. 1,475,832; Nov. 27.
Bricks, Method of and means for burning. G. E. Luce. 1,453,850; May 1.
Bricks, Method of and means for handling and hacking. F. S. Wallace. 1,469,200; Sept. 25.
Bricks, Method of and means for making. B. F. Weber. 1,454,826; May 8.

Bricks or concrete blocks, Mold for forming. G. L. Oswalt. 1,455,222; May 15.
Bricks, tiles, and other building materials, Machine for making. G. V. Picot. 1,461,159; July 10.
Bridge, Bascule. T. E. Brown and T. E. Brown, jr. 1,470,140; Oct. 9.
Bridge construction. R. Z. Drake. 1,474,513; Nov. 20.
Bridge construction. G. Lindenthal. 1,447,257; Mar. 6.
Bridge construction. S. A. Roake. 1,471,282; Oct. 16.
Bridge form. F. P. Martin. 1,448,854; Mar. 20.
Bridge gate, Automatic. I. Harmata. 1,461,901; July 17.
Bridge gauge. H. D. Summers. 1,468,761; Sept. 25.
Bridge, Long-span. J. B. Strauss. 1,453,084; Apr. 24.
Bridge, Long-span. C. A. Turner. 1,441,387; Jan. 9.
Bridge, Material-handling. R. E. Sheal. 1,450,735; Apr. 3.
Bridge or crane for lifting, carrying, or sustaining loads, Divisible and adjustable. F. E. M. Diard. 1,450,492; Apr. 3.
Bridge, Portable. R. D. Gallagher. 1,462,541; July 24.
Bridge-reenforcing means. R. Z. Drake. 1,461,795: July 17.
Bridge, Suspension. V. L. Sullivan. 1,454,772; May 8.
Bridge warning, Railway. B. J. Hastings. 1,467,156; Sept. 4.
Bridgework, Adjustable attachment for removable. I. Stern. 1,451,718; Apr. 17.
Bridgework attachment, Removable. I. Stern. 1,449,631; Mar. 27.
Bridges, Stabilizing means for. R. Z. Drake. 1,472,055; Oct. 30.
Bridling apparatus. J. G. Bain and L. M. Stempel. 1,474,755; Nov. 20.
Brief case. S. H. Lifton. 1,463,270; July 31.
Brine circulation, Means for. F. M. Hill. 1,478,120; Dec. 18.
Brines, Concentrating. H. W. Morse. 1,468,389–90; Sept. 18.
Brines, Purification of. B. T. Brooks. 1,475,563; Nov. 27.
Briquette and making same. G. A. S. van Westrum. 1,452,992; Apr. 24.
Briquette-forming press. J. Réol. 1,454,906; May 15.
Briquette press. J. Treadwell. 1,448,982; Mar. 20.
Briquettes, Manufacture of. T. Rigby. 1,463,094; July 24.
Briquetting press. F. H. Smith and A. K. Nowak. 1,473,389; Nov. 6.
Briquetting sawdust, peat, coal dust, and similar pulverous substances. H. A. Mueller. 1,453,988; May 1.
Bristles, Installation for the washing and combing of pigs. D. Magny. 1,450,325; Apr. 3.
Brittle product from a base, Separating a. C. Field. 1,451,902; Apr. 17.
Broach. H. C. Hook. 1,441,502; Jan. 9.
Broach. V. E. La Pointe. 1,449,764; Mar. 27.
Broach. J. L. Perkins, F. W. Sickles, and J. Oakley. 1,440,933; Jan. 2.
Broach. A. J. Utzinger. 1,448,170; Mar. 13.
Broaching and similar machine. J. McKechnie. 1,463,899; Aug. 7.
Broaching apparatus. C. S. Amadon. 1,465,203; Aug. 14.
Broaching machine. O. H. Banker. 1,467,525; Sept. 11.
Broaching machine. W. Ferris. 1,468,595; Sept. 18.
Broaching mechanism. H. L. Blood. 1,454,102; May 8.
Broaching tool. H. C. Hook. 1,441,503; Jan. 9.
Broaching tool. J. O. Jenking. 1,477,266; Dec. 11.
Broaching tool. F. J. Lapointe. 1,463,473; July 31.
Brogues, leggings, and the like, Lacing means for. T. Migita. 1,469,661; Oct. 2.
Broiler. A. J. Gosselin. 1,469,508; Oct. 2.
Broiler. A. F. Lee. 1,471,039; Oct. 16.
Broiler. H. C. Mieville. 1,443,546; Jan. 30.
Broiler attachment. M. Schey. 1,465,061; Aug. 14.
Bromine. Recovering. C. W. Jones. 1,473,295; Nov. 6
Bromo-seltzer dispenser. J. J. Kegler. 1,458,942; June 19
Bronze or other pulverulent colors, Apparatus for bestrewing or coating articles of manufacture with. C. Eckert. 1,466,821; Sept. 4.
Bronzing machine. R. J. Spencer. 1,469,341; Oct. 2.
Brooder. M. C. Baron. 1,440,958; Jan. 2.
Brooder. M. C. Baron. 1,454,946; May 15.
Brooder. W. G. Campbell. 1,464,407; Aug. 7.
Brooder. J. Hale. 1,462,336; July 17.
Brooder. H. Jackman. 1,442,527; Jan. 16.
Brooder. D. E. Noland. 1,456,398; May 22.
Brooder. H. M. Sheer. 1,470,491; Oct. 9.
Brooder. H. L. Watson. 1,447,330; Mar. 6.
Brooder. C. U. Winberg. 1,440,755; Jan. 2.
Brooder, Poultry. C. U. Winberg. 1,440,756; Jan. 2.
Broom. L. and G. Berberich. 1,475,620; Nov. 27.
Broom. H. Brown. 1,454,831; May 8.
Broom. H. J. Edlund. Des. 63,074; Oct. 2.
Broom. A. J. Knapp. 1,449,901; Mar. 27.
Broom. F. P. Prendergast. 1,465,684; Aug. 21.
Broom. J. M. Rauhoff. 1,467,115; Sept. 4.
Broom. C. Wanson. 1,477,468; Dec. 11.
Broom and mop hanger. A. Andreasen. 1,440,900; Jan. 2.
Broom bridle. F. C. Bowman. 1,443,811; Jan. 30.
Broom bundles or units, Machine for making. H. D. Neff. 1,461,015; July 3.
Broom clamp. J. T. Jacobson. 1,468,568; Sept. 18.
Broom head. G. Drake. 1,458,095; June 5.
Broom holder. H. Hahn. 1,444,874; Feb. 13.
Broom or brush, Push. H. D. Neff. 1,472,853; Nov. 6.
Broom pressing and nailing machine, Combined. G. W. Duvall. 1,465,162; Aug. 14.
Brooms and brushes, Head for. V. Adams. 1,457,414; June 5.
Brooms and similar devices, Bridle for. J. Berman. 1,457,815; June 5.
Brooms, Detachable handle for. W. H. Zachry. 1,464,896; Aug. 14.
Brooms, Machine for filling rotary. L. J. Remmele. 1,468,922; Sept. 25.
Brooms, Scraper attachment for. W. Roberts. 1,462,829; July 24.
Brush. J. Collier. 1,453,306; May 1.
Brush. L. Fritz. 1,470,825; Oct. 16.
Brush. N. S. Frost. 1,468,445; Sept. 18.
Brush. A. Gissler. 1,452,502; Apr. 24.
Brush. R. T. R. Hastings. 1,448,744; Mar. 20.
Brush. A. Hokanson. 1,460,850; July 3.
Brush. W. G. Kett. 1,476,083; Dec. 4.
Brush. E. van N. Kriehn. Des. 62,634; July 10.
Brush. D. E. Odom. 1,455,504; May 15.
Brush. J. McGinnis and J. N. Graber. 1,441,936, Jan. 9.
Brush. J. Morrison. 1,444,202; Feb. 6.
Brush. J. Morrison, jr. 1,474,979; Nov. 20.
Brush. O. A. Runkle. 1,467,337; Sept. 11.
Brush. A. Schumacher. 1,472,685; Oct. 30.
Brush. S. Sloan. 1,477,390; Dec. 11.
Brush. F. Stebler. 1,454,191; May 8.
Brush. C. A. Wetzell. 1,442,755; Jan. 16.
Brush. E. B. Wright. 1,450,534; Apr. 3.
Brush, Air. B. E. Holton. 1,474,324; Nov. 13.
Brush and making the same. F. S. Chanonhouse. 1,465,893; Aug. 21.
Brush and mop holder. A. J. Dubee. 1,459,582; June 19.
Brush and polisher, Combined. W. L. Hovey. 1,469,643; Oct. 2.
Brush and scraper, Combined. J. J. Reardon. 1,459,861; June 26.
Brush, Bath. P. Scott. 1,452,658; Apr. 24.
Brush, Bath and massage. E. R. Poirier. 1,473,315; Nov. 6.
Brush blocks, Machine for boring tuft holes in. J. Jensén. 1,444,075; Feb. 6.
Brush clamp. E. C. Bostwick. 1,477,685; Dec. 18.
Brush cleaner, Metallic. J. Fritz. 1,463,809; Aug. 7.
Brush, Cleaning. E. Geiger. 1,452,458; Apr. 17.
Brush, Commutator. H. G. Jungk. 1442,072; Jan. 16.
Brush construction. G. Moe. 1,451,400; Apr. 10.
Brush-cutting machine. W. R. Bunch. 1,457,424; June 5.
Brush, Folding shoe. G. W. Campbell. 1,463,669; July 31.
Brush for shaving, massaging, or other toilet purposes R. M. Withycombe. 1,475,101; Nov. 20.
Brush, Fountain. P. L. Ferm. 1,459,021; June 19.
Brush, Fountain. L. C. Flewelling. 1,446,967; Feb. 27.
Brush, Fountain. G. M. Gale. 1,454,023; May 1.
Brush, Fountain. J. D. Garvey. 1,441,675; Jan. 9.
Brush, Fountain. B. D. Geib. 1,456,977; May 29.
Brush, Fountain. E. H. Harvey. 1,475,116; Nov. 20.
Brush, Fountain. J. V. Huether. 1,465,220; Aug. 14.
Brush, Fountain. J. H. Postel. 1,468,248; Sept. 18.
Brush, Fountain. H. K. Rutherford. 1,449,198; Mar. 20.
Brush, Fountain. A. Sealund. 1,445,976; Feb. 20.
Brush, Fountain. G. Walters. 1,469,708; Oct. 2.
Brush, Fountain bath. E. N. Lichtenstein. 1,452,976: Apr. 24.
Brush, Fountain shaving. F. E. Ahlering. 1,470,903; Oct. 16.
Brush, Fountain shaving. R. M. Zearing, jr., and C. J. Ottenthal. 1,443,910; Jan. 30.
Brush, Fountain shoe-blacking. C. J. Dusseau. 1,477,636; Dec. 18.
Brush, Hair-straightening. J. M. Proctor. 1,471,527; Oct. 23.
Brush holder. J. S. Dean. 1,460,152; June 26.
Brush holder. R. E. Hellmund. 1,460,158; June 26.
Brush holder. W. J. Hines. Des. 62,726; July 24.
Brush holder. W. E. Keene. Des. 62,193; Apr. 10
Brush holder. W. E. Keene. Des. 62,289; May 1.
Brush holder. W. E. Keene. 1,465,642; Aug. 21.
Brush holder. P. R. Thomas. 1,453,959; May 1.
Brush holder, Motor-. J. R. Cook. 1,457,896; June 5.
Brush-holder retainer. R. N. Baylis. 1,444,363; Feb. 6.
Brush holder, Shaving-. M. Greenburg. Des. 62,166; Apr. 3.
Brush-holding case. F. Sohnle. 1,471,712; Oct. 23.
Brush, Lather. A. Albright, jr. 1,475,673; Nov. 27.
Brush, Lather. M. B. Behrman. 1,461,344; July 10.
Brush machine. A. W. Le Boeuf. 1,449,424; Mar. 27.
Brush-making machine. C. E. Fisher. 1,467,364: Sept. 11.
Brush-making machine. U. S. Perkins. 1,455,932; May 22.
Brush-making machine. A. H. Shipley. 1,458,783–5; June 12.
Brush-making machine. A. E. Silander. 1,457,398; June 5.
Brush-making machine. A. E. Silander. 1,469,449; Oct. 2.

Brush-making machines, Staple-driving mechanism for. C. E. Fisher. 1,467,365; Sept. 11.
Brush manufacture. M. P. Benson and M. M. Wiener. 1,465,919; Aug. 21.
Brush, Massaging. M. L. Goldberg. Des. 61,909; Feb. 6.
Brush or broom holder. A. O. Förisdal. 1,478,213; Dec. 18.
Brush, Paint. L. Davis. 1,444,667; Feb. 6.
Brush, Reciprocatory fountain. M. Vandervoort. 1,476,433; Dec. 4.
Brush, Record-dusting. L. E. Cook. 1,444,236; Feb. 6.
Brush, Revolving. M. McLaughlin. 1,475,074; Nov. 20.
Brush rigging. F. F. Dorsey. 1,469,720; Oct. 2.
Brush rigging. T. L. Lee. 1,478,665; Dec. 25.
Brush rigging. H. S. Pardee. 1,443,499; Jan. 30.
Brush, Rotary. S. C. Bougher. 1,460,883; July 3.
Brush, Rotary. G. F. Eckart. 1,471,782; Oct. 23.
Brush, Rotary. C. Lewis. 1,448,630; Mar. 13.
Brush, Rotary. F. W. Miller. 1,475,079; Nov. 20.
Brush, Rotary. V. A. Miller. 1,471,748; Oct. 23.
Brush, Rotary. A. L. Norris. 1,460,765; July 3.
Brush, Rotary. R. R. Radinse. 1,466,103; Aug. 28.
Brush, Safety fountain. W. C. Herbert and F. X. Smith. 1,476,610; Dec. 4.
Brush, Shaving. W. S. Bunker. 1,457,615; June 5.
Brush, Shaving. S. E. Guinn. 1,442,662; Jan. 16.
Brush, Shaving. C. W. Hawtin. 1,458,408; June 12.
Brush, Shaving. E. H. Phillips and N. V. de Lipski. 1,455,656; May 15.
Brush, Shaving and massage. H. D. Sterrick. 1,458,371; June 12.
Brush, Shoe-polish-applying E. B. Burrell. 1,451,322; Apr. 10.
Brush, Telescopic lamp. J. Creath. 1,440,770; Jan. 2.
Brush, Timer. J. F. Beavan. 1,460,937; July 3.
Brush, Timer. W. Lyon. 1,447,179; Mar. 6.
Brush, Timer. E. W. Turner. 1,468,180; Sept. 18.
Brush, Tooth. G. Wickberg. 1,469,348; Oct. 2.
Brush-tripping device. L. R. Waller. 1,472,818; Nov. 6.
Brushes, Constructing. W. Unger. 1,451,350; Apr. 10.
Brushes, Fountain attachment for. G. P. Helfrich. 1,467,036; Sept. 4.
Brushes, Machine for making. E. G. Loomis and L. B. Terhune. 1,448,489; Mar. 13.
Brushes, Making. W. F. Graul. 1,472,165; Oct. 30.
Brushes, Receptacle for the storage and preservation of used paint. J. E. Hopkins. 1,461,618; July 10.
Brushing machine. H. M. Keith. 1,463,705; July 31.
Bubbling fountain. S. D. Leland. 1,446,190; Feb. 20.
Bucket. F. H. and F. S. Beach. 1,453,540; May 1.
Bucket. W. L. Thompson. 1,464,454; Aug. 7.
Bucket, Collapsible. G. R. Stephens. 1,464,548; Aug. 14.
Bucket, Conveyer. O. H. Hansen. 1,445,277; Feb. 13.
Bucket, Conveyer. I. W. Macy. 1,443,796; Jan. 30.
Bucket, Dredge. J. E. Edwards. 1,465,163; Aug. 14.
Bucket, Dredging. E. Woolley. 1,477,679; Dec. 18.
Bucket, Dumping. J. W. Forsythe. 1,449,661; Mar. 27.
Bucket, Excavating. H. C. D. McGrew. 1,446,389; Feb. 20.
Bucket, Folding. L. W. Laurén 1,454,388; May 8.
Bucket for steam shovel or the like. W. C. Shea 1,478,301; Dec. 18.
Bucket, Fruit-picking. A. Z. Wells and J. M. Wade. 1,454,779; May 8.
Bucket, Garbage. C. H. Stephenson. 1,441,040; Jan. 2.
Bucket, Grab. W. J. Eaton. 1,453,927; May 1.
Bucket, Grab. F. W. Lovell. 1,464,718; Aug. 14.
Bucket, Grab. G. E. Mellin. 1,444,800; Feb. 13.
Bucket lip. J. W. Plant. 1,454,486; May 8.
Bucket, Live-bait. W. J. Ruff. 1,451,925; Apr. 17.
Bucket-operating mechanism, Clamshell-. S. O. Nafziger. 1,463,090; July 24.
Bucket, pail, or the like. A. G. Scherer. 1,456,407; May 22.
Bucket pin, Dredge-. J. Crouch, L. D. Hopfield, and C. M. Romanowitz. 1,442,324; Jan. 16.
Bucket, Pivotal dump. I. D. Landis. 1,470,086; Oct. 9.
Bucket protector. E. L. Horton. 1,450,632; Apr. 3.
Bucket, Reclaiming. D. E. Stair. 1,460,615; July 3.
Bucket, Sand. M. L. Crowl. 1,474,707; Nov. 20.
Bucket, Split. D. E. Stair. 1,466,200; Aug. 28.
Bucket, Stock-watering. J. B. Olson. 1,449,693; Mar. 27.
Bucket support. M. R. Myers. 1,455,221; May 15.
Bucket support, Automatic. G. B. Coates. 1,441,912; Jan. 9.
Bucket wheel and making same. C. Steenstrup. 1,470,504; Oct. 9.
Buckets, Cover for sap. T. M. Huffman. 1,444,073; Feb. 6.
Buckets, Spout for. A. G. Scherer. 1,456,408; May 22.
Buckets, Substitute suspension rig for grab. W. E. Harrison. 1,441,225; Jan. 9.
Buckle. C. R. Amidano. 1,464,381; Aug. 7.
Buckle C. E. Bradshaw. 1,454,534; May 8.
Buckle. G. T. Brannigan. 1,454,666; May 8.
Buckle. C. J. Dahlgren. 1,448,993; Mar. 20.
Buckle. E. N. Humphrey. 1,460,381; July 3.
Buckle. E. N. Humphrey. 1,460,756; July 3.
Buckle. W. E. James. 1,452,914; Apr. 24.
Buckle. E. L. Johnson and O. Lundsten. 1,457,032; May 29.
Buckle. R. King. 1,478,659; Dec. 25.
Buckle. J. Maltby. 1,440,399; Jan. 2.
Buckle. N. T. Nelson. 1,463,657; July 31.
Buckle. J. Pach. 1,459,687; June 19.
Buckle. C. E. Peterson. 1,449,189; Mar. 20.
Buckle. L. Pollak. 1,448,979; Mar. 20.
Buckle. G. E. Prentice. 1,475,720; Nov. 27.
Buckle. A. Primak. 1,464,188; Aug. 7.
Buckle. L. H. Rounseville. 1,472,250; Oct. 30.
Buckle. O. R. Rust. 1,447,268; Mar. 6.
Buckle. A. Veillette. 1,469,859; Oct. 9.
Buckle, Adjustable. H. H. Taylor and M. B. Hammond. 1,443,599; Jan. 30.
Buckle, Adjustable garter. H. H. Taylor and M. B. Hammond. 1,452,854; Apr. 24.
Buckle, Automatically-operating fabric clamping and gripping. J. R. Wade. 1,451,191; Apr. 10.
Buckle, Bale-tie. R. L. Horsley. 1,455,204; May 15.
Buckle, Belt. D. S. Bears. 1,464,966; Aug. 14.
Buckle, Belt. F. E. Becker. 1,467,703; Sept. 11.
Buckle, Belt. A. L. Bloom. 1,464,147; Aug. 7.
Buckle, Belt. W. C. Carpenter. 1,444,537; Feb. 6.
Buckle, Belt. J. O. Chabot. 1,455,831; May 22.
Buckle, Belt. T. C. Erpenbeck. 1,445,075; Feb. 13.
Buckle, Belt. T. C. Erpenbeck. 1,452,799; Apr. 24.
Buckle, Belt. J. Heberling. 1,451,160; Apr. 10.
Buckle, Belt. J. Heberling. 1,457,573; June 5.
Buckle, Belt. H. D. Hough. 1,473,727; Nov. 13.
Buckle, Belt. E. N. Humphrey. 1,473,991; Nov. 13.
Buckle, Belt. E. L. Johnson and O. Lundsten. 1,456,130; May 22.
Buckle, Belt. F. F. Knothe. 1,455,794; May 22.
Buckle, Belt. E. S. Mix. 1,461,826; July 17.
Buckle, Belt. E. S. Mix. 1,463,904; Aug. 7.
Buckle, Belt. E. Monahan. 1,455,545; May 15.
Buckle, Belt. W. J. Morse. Des. 62,847–9; Aug. 7.
Buckle, Belt. W. M. Myers. 1,457,386; June 5.
Buckle, Belt. L. F. Otten. 1,464,915; Aug. 14.
Buckle, Belt. G. E. Prentice. 1,443,145; Jan. 23.
Buckle, Belt. S. M. Riker. 1,452,818; Apr. 24.
Buckle, Belt. L. W. Shields. 1,454,522; May 8.
Buckle, Belt. L. W. Shields. 1,477,600; Dec. 18.
Buckle, Belt. M. Starmer. 1,455,413; May 15.
Buckle, Belt. M. Starmer. 1,477,726; Dec. 18.
Buckle, Belt. H. L. Tooker. 1,460,688; July 3.
Buckle, Belt. P. K. Williams. 1,468,769; Sept. 25.
Buckle, Belt. W. E. Young. 1,448,897; Mar. 20.
Buckle, Belt or strap. S. M. Riker. 1,465,286; Aug. 21.
Buckle, Clothesline. E. Lustgarten. 1,450,094. Mar. 27.
Bucket, Elevating. V. D. Steedsman and E. H. Intlehouse 1,473,258; Nov. 6.
Buckle for ladies' belts. R. Slote. Des. 63,438–9; Dec. 4.
Buckle, Lever belt. A. H. Kerngood. 1,473,581; Nov. 6.
Buckle or clamp. B. H. White. 1,444,893; Feb. 13.
Buckle, Rustless. M. Hawie. 1,454,440; May 8.
Buckle slat for conveyers. L. Holland Letz. 1,446,119; Feb. 20.
Buckle, Strap. J. Maltby. 1,450,509; Apr. 3.
Buckle, Strap slide. W. O. Miller and O. Bradford. 1,440,403; Jan. 2.
Buckles, Webbing clip hook for. W. E. Hatheway. 1,474,030; Nov. 13.
Bucksaw frame. V. C. Anderson. 1,470,372; Oct. 9.
Buffer. A. J. Bazeley. 1,476,869; Dec. 11.
Buffer. A. Zanella. 1,475,916; Nov. 27.
Buffer and bed, Combination of. G. C. Watson. 1,449,711; Mar. 27.
Buffer and bumper, Combined. A. Andresen. 1,449,210; Mar. 20.
Buffer attachment, Rear. G. A. Lyon. 1,467,387; Sept. 11.
Buffer block. L. E. Harris. 1,453,225; Apr. 24.
Buffer, Brace bar. G. A. Lyon. 1,467,385; Sept. 11.
Buffer construction. G. A. Lyon. 1,474,273; Nov. 13
Buffer, Doubled attaching-member. G. A. Lyon. 1,467,383; Sept. 11.
Buffer, Floor. W. N. Robirds, jr. 1,468,080; Sept. 18.
Buffer for pickers. C. W. Holbrook. 1,450,726; Apr. 3.
Buffer, Resilient front. G. A. Lyon. 1,457,534; June 5.
Buffer, Resilient front. G. A. Lyon. 1,467,386; Sept. 11.
Buffer, Revoluble. E. J. Silvius. 1,467,456; Sept. 11.
Buffing machine. A. Manthei. 1,444,475; Feb. 6.
Buffing machine. E. R. McCoy and J. Herbers. 1,447,027; Feb. 27.
Buffing machine. E. N. Maull. 1,461,134; July 10.
Buffing wheel. T. W. Hanrath. 1,473,765; Nov. 13.
Buffing wheel. H. L. Zucker. 1,457,807; June 5.
Buffing wheels, Guard for. G. Morgan. 1,465,860; Aug. 21.
Buffet. H. Berg. Des. 63,021; Sept. 18.
Buggy spindle. J. B. Alden. 1,446,492; Feb. 27.
Builder, Bunch. E. Korten. 1,451,073; Apr. 10.
Builder, Natural-object. H. Furste. 1,447,379; Mar. 6.
Builder's tool. H. R. Roeglin. 1,472,992; Nov. 6.
Building. L. B. Bridges. 1,444,322–3; Feb. 6.
Building. F. E. d'Humy. 1,444,307; Feb. 6.
Building. P. A. and F. P. Vogt. 1,474,864; Nov. 20.
Building block. J. Barnes. 1,450,784; Apr. 3.
Building block. J. J. Bauer. 1,450,013; Mar. 27.
Building block. W. Briddes. 1,466,985; Sept. 4.
Building block. G. Ey. 1,467,929; Sept. 11.
Building block. A. G. Hatch. 1,473,627; Nov. 13.
Building block. S. Kanamori. 1,466,836; Sept. 4.
Building block. C. Kelly and T. B. Belvoir. 1,457,437; June 5.

Alphabetical list of inventions—Continued.

Building block. A. Knapen. 1,458,888; June 12.
Building block. J. A. Malcolm. 1,441,362; Jan. 9.
Building block. R. Murray. 1,477,072; Dec. 11
Building block. N. A. Nord. 1,453,806; May 1.
Building block. F. Patee. 1,457,454; June 5.
Building block. E. Quillet. 1,444,554; Feb. 6.
Building block. G. A. Swanson. 1,459,189; June 19.
Building block. J. E. Wallis. 1,460,084; June 26.
Building block and brick, Manufacture of. F. Cordery. 1,465,115; Aug. 14.
Building block and construction. J. Eisenmann. 1,456,373; May 22.
Building block, Educational. P. W. T. R. Thomson. 1,472,536; Oct. 30.
Building block, Hollow. C. Kindström. 1,441,156; Jan. 2.
Building block, Interlocking. C. Pipitone. 1,463,969; Aug. 7.
Building-block mold. T. U. Cargill. 1,446,832; Feb. 27.
Building block or brick. J. Neumann. 1,475,714; Nov. 27
Building block or slab. A. Thee. 1,446,358; Feb. 20.
Building block, Veneer. C. Raw. 1,454,859; May 15.
Building blocks and the like, Machine for the manufacture of. A. E. Whitehouse. 1,460,299; June 26.
Building blocks, Machine for molding. H. C. Neuberger. 1,462,614; July 24.
Building blocks, Making artificial. F. M. Sawyer 1,473,200; Nov. 6.
Building blocks, Mold for making. J. G. Davis. 1,463,007; July 24.
Building brick, block, and the like. J. ver Mehr. 1,468,892; Sept. 25.
Building column. J. Lally. 1,472,600; Oct. 30.
Building columns, Cap for. J. Lally. 1,472,602–3; Oct. 30.
Building construction. V. A. Benson. 1,451,198; Apr. 10.
Building construction. E. N. Biegler. 1,472,956; Nov. 6.
Building construction. T. E. Corr. 1,442,777; Jan. 16.
Building construction. F. L. Decker. 1,451,144; Apr. 10.
Building construction. W. G. Forcier. 1,443,986; Feb. 6.
Building construction. W. S. Holmes. 1,468,812; Sept. 25.
Building construction. R. Z. Hopkins. 1,468,945; Sept. 25.
Building construction. R. Z. Hopkins. 1,474,148; Nov. 13.
Building construction. J. S. Hull. 1,448,843; Mar. 20.
Building construction. R. H. Irwin. 1,452,426; Apr. 17.
Building construction. G. Jackson. 1,472,654; Oct. 30.
Building construction. T. H. Kane. 1,458,230; June 12.
Building construction. J. H. Killion. 1,468,968; Sept. 25.
Building construction. L. Kroonen. 1,451,340; Apr. 10.
Building construction. A. W. Krusee. 1,447,868; Mar. 6.
Building construction. E. A. Laughlin. 1,444,798; Feb. 13.
Building construction. J. N. MacDonald. 1,457,981; June 5.
Building construction. R. S. Maclean. 1,450,731; Apr. 3.
Building construction. E. A. Mayo. 1,462,208; July 17.
Building construction. H. B. Newton. 1,449,540; Mar. 27.
Building construction. J. A. Pritchard. 1,461,452; July 10.
Building construction. F. B. Reilly. 1,469,955; Oct. 9.
Building construction. H. I. M. Ross. 1,478,917; Dec. 25.
Building construction. W. L. Ross. 1,464,445; Aug. 7.
Building construction M. Samaha. 1,477,451; Dec. 11.
Building construction. M. R. Sheen. 1,460,516; July 3.
Building construction. B. H. Simonson. 1,464,189; Aug. 7.
Building construction. H. R. Straight. 1,470,298; Oct. 9.
Building construction. J. B. Strauss. 1,478,492; Dec. 25.
Building construction. C. O. Walper. 1,448,886; Mar. 20.
Building construction. F. Yokel. 1,462,841; July 24.
Building construction, Apparatus for. M. L. Lisowski. 1,461,426; July 10.
Building-construction system. C. Borel. 1,473,418; Nov. 6.
Building constructions, Slab for. C. W. Schall. 1,462,663; July 24.
Building element. M. M. Harrison. 1,472,521; Oct. 30.
Building element. J. Melles. 1,456,812; May 29.
Building form. A. G. Sea. 1,444,710; Feb. 6.
Building form. L. W. Tilton. 1,468,335; Sept. 18.
Building, Knockdown. J. E. Wilson. 1,448,244; Mar. 13.
Building, Knockdown concrete. W. C. Broughton. 1,460,941; July 3.
Building laminated strips, Method and apparatus for. U. Haren. 1,452,379; Apr. 17.
Building material. T. B. Lehon. 1,441,861; Jan. 9.
Building material and making the same. P. E. Sinnett. 1,443,097; Jan. 23.
Building-material composition. F. J. McAllister. 1,463,123; July 24.
Building material, Producing. C. A. Fox. 1,442,764; Jan. 16.
Building materials, Manufacturing artificial. A. Kleinlogel. 1,470,378; Oct. 9.
Building method and means. H. L. Copeland. 1,444,588; Feb. 6.
Building, Portable metallic. J. A. Baldwin. 1,468,100; Sept. 18.
Building purposes, Apparatus for assembling bricks and units for. H. A. Baldwin. 1,440,366; Jan. 2.
Building section. A. C. Brown and H. Gillett. 1,476,485; Dec. 4.
Building section. V. V. Pittman. 1,477,520; Dec. 11.
Building slab. J. C. Schleicher. 1,460,682; July 3.
Building, Storage. C. Kehr. 1,465,135; Aug. 14.
Building, Storage. P. Mandeville. 1,462,306; Apr. 17.
Building structure. C. O. Walper. 1,467,127; Sept. 4.
Building structure and tile therefor. J. Whitall. 1,442,589; Jan. 16.
Building subaqueous structures, such as sea walls, dock walls, and retaining walls, above and below water, and the like, Means for. J. F. Matthews. 1,474,538; Nov. 20.
Building unit. H. Beierbach. 1,450,240; Apr. 3.
Building unit, Material. V. J. Miller. 1,452,432; Apr. 17.
Building wall. D. W. Dodson. 1,477,867; Dec. 18.
Building wall. S. H. Tromanhauser. 1,445,113; Feb. 13.
Building-wall construction. E. A. Rasmussen. 1,459,344; June 19.
Building walls, Metal protection for. J. M. Norman. 1,473,584; Nov. 6.
Buildings, Joint for portable sectional. E. L. Oakes. 1,472,490; Oct. 30.
Buildings or other structures, Chimney for. J. F. Matthews. 1,457,540; June 5.
Buildings, Redecoration of. A. Campbell and W. L. Miller. 1,441,964; Jan. 9.
Bulb holder. G. C. Allen. 1,474,221; Nov. 13.
Bull and calf wheel. H. M. Harris. 1,451,770; Apr. 17.
Bull-leading staff. R. F. Rasmussen. 1,467,452; Sept. 11.
Bullet. G. M. Johnsen. 1,468,113; Sept. 18.
Bullet. E. and A. J. Kosbollek. 1,447,478; Mar. 6.
Bumper. C. Girl. 1,472,905; Nov. 6.
Bumper. C. Girl, W. E. Dunston, and J. G. Utz. 1,464,603; Aug. 14.
Bumper. L. P. Halladay. 1,469,591–2; Oct. 2.
Bumper. J. P. Heil and C. Wesenberg. 1,447,387; Mar. 6.
Bumper. J. S. Kenlay. 1,444,689; Feb. 6.
Bumper. C. G. Longnecker. 1,474,974; Nov. 20.
Bumper. W. S. Martin. 1,455,644; May 15.
Bumper. J. W. McCausland. 1,477,141; Dec. 11.
Bumper. J. I. McCormick. 1,474,907; Nov. 20.
Bumper. W. E. O'Brien and J. Smith. 1,454,764; May 8.
Bumper. J. H. Sager. 1,470,648; Oct. 16.
Bumper. L. F. Stafford. 1,461,564; July 10.
Bumper. L. F. Stafford. 1,477,155; Dec. 11.
Bumper. L. F. Stafford and J. D. Hale. 1,449,455; Mar. 27.
Bumper. J. Striganz. 1,469,122; Sept. 25.
Bumper. H. M. Vickery. 1,472,700; Oct. 30.
Bumper, Adjustable. F. G. Whittington. 1,441,254; Jan. 9.
Bumper and theft indicator, Combined parking. L. W. Nobles. 1,465,245; Aug. 14.
Bumper-attaching bracket. W. E. Ericson. 1,458,927; June 19.
Bumper-attaching bracket. L. F. Stafford. 1,468,757; Sept. 25.
Bumper-bar-supporting bracket. P. Riedele. 1,453,521; May 1.
Bumper bracket. L. P. Halladay. 1,444,183; Feb. 6.
Bumper lock. J. J. Harrison. 1,447,303; Mar. 6.
Bumper, Parallel-bar. W. G. Cox. 1,441,785; Jan. 9.
Bumper, Spring. L. P. Halladay. 1,442,144; Jan. 16.
Bumper support. L. P. Halladay. 1,444,184; Feb. 6.
Bumper-supporting bracket. W. R. McGowen. 1,475,348; Nov. 27.
Bumpers, Pivotal clamping device for. W. E. Dunston. 1,451,497; Apr. 10.
Bunch builder. F. K. Petrea and W. J. Jordan. 1,462,919; July 24.
Bunching machine. H. Pease. 1,464,332; Aug. 7.
Bundle binding and tying machine. C. E. Evans. 1,478,560; Dec. 25.
Bundle carrier. H. B. Sperry. 1,467,401; Sept. 11.
Bundle carrier and shocker. J. Miller. 1,456,675; May 29.
Bundle protector. E. L. Bruce, jr. 1,445,932; Feb. 20.
Bundle receptacle, Collapsible. C. E. Cardwell. Re15,720; Nov. 13.
Bung. H. L. G. Gerstenberger. 1,464,523; Aug. 14.
Bung. C. M. Kruger. 1,473,300; Nov. 6.
Bung, Fermentation. J. B. Fischer. 1,477,552; Dec. 18
Bung for liquid containers. W. Rüegsegger. 1,475,142; Nov. 20.
Bung for metallic receptacles. G. F. Behringer. 1,459,903; June 26.
Bung for metallic receptacles. G. F. Behringer. 1,467,916; Sept. 11.
Bung, Spring. H. H. Graham. 1,448,060; Mar. 13.
Bungalow, Portable. J. E. Adams. 1,445,738; Feb. 20.
Bunion shield. N. V. Levitt. 1,471,041; Oct. 16.
Bunker. C. Paff. 1,468,647; Sept. 25.
Bunks, Chock for log. F. W. Chriswell and E. T. Fehnel 1,449,938; Mar. 27.
Buoy, Life. H. E. Long. 1,445,224; Feb. 13.
Buoy, Swimming. H. MacKenzie. 1,478,525; Dec. 25.
Bureau. W. M. Schmitt. Des. 63,663; Dec. 25.
Bureau. G. C. L. Weguelin. 1,451,973; Apr. 17.
Burglar alarm. C. B. Atwood. 1,456,209; May 22.
Burglar alarm. R. Barrett. 1,451,414; Apr. 10.

Burglar alarm. J. E. Bond. 1,461,206; July 10.
Burglar alarm. J. J. Brest. 1,450,132; Mar. 27.
Burglar alarm. A. J. Carver and J. T. Beasley. 1,447,709; Mar. 6.
Burglar alarm. J. I. Connelly. 1,452,595; Apr. 24.
Burglar alarm. S. Fodor. 1,476,502; Dec. 4.
Burglar alarm. J. F. and F. C. Gorman. 1,472,750; Oct. 30.
Burglar alarm. C. L. Graef. 1,471,843; Oct. 23.
Burglar alarm. O. Kessler. 1,446,565; Feb. 27.
Burglar alarm. W. T. Kjelland. 1,476,340; Dec. 4.
Burglar alarm. J. E. Lee. 1,457,176; May 29.
Burglar alarm. J. W. Longworth. 1,460,818; July 3.
Burglar alarm. M. Macura. 1,469,943; Oct. 9.
Burglar alarm. A. Pelletier. 1,462,941; July 24.
Burglar alarm. E. L. Rycraft. 1,445,974; Feb. 20.
Burglar alarm. A. J. Shimp. 1,464,050; Aug. 7.
Burglar alarm. A. B. Simpson. 1,461,294; July 10.
Burglar alarm. F. E. Sparks. 1,469,969; Oct. 9.
Burglar alarm. N. D. Wells. 1,448,780; Mar. 20.
Burglar alarm. A. Zukor. 1,453,058; Apr. 24.
Burglar-alarm housing. E. M. Jones. Des. 62,205; Apr. 10.
Burglar-alarm lock. J. A. Mack. 1,441,516; Jan. 9.
Burial apparatus. J. D. Jennings. 1,453,141; Apr. 24.
Burial apparatus. H. H. Leavitt. 1,450,092; Mar. 27.
Burial case. C. H. Hiser. Des. 63,147; Oct. 16.
Burial cases, Ear for handles for. C. H. Hiser. Des. 63,148; Oct. 16.
Burial receptacle. H. E. Duval. 1,475,756; Nov. 27.
Burner: *See*—

Carbon-monoxide burner.	Liquid-fuel burner.
Fluid-fuel burner.	Nonpreheating oil burner.
Fuel burner.	Oil burner.
Fuel-oil burner.	Oil-spray burner.
Gas burner.	Oil-vapor burner.
Gas and vapor burner.	Pilot burner.
Gaseous-fuel burner.	Stove burner.
Hydrocarbon burner.	Stump burner.
Incense burner.	Sulphur burner.
Kerosene-gas burner.	Torch burner.
Kiln oil burner.	Vapor burner.
Lamp burner.	Wickless oil burner.
Lampblack burner.	
Liquid and gaseous fuel burner.	

Burner. A. R. Anthony. 1,451,063; Apr. 10.
Burner. D. Arkwright, jr. 1,453,780; May 1.
Burner. F. H. Brown. *1,451,811–2; Apr. 17.
Burner. E. E. Cornwell and J. H. McCready. 1,455,955; May 22.
Burner. E. E. Cornwell and J. H. McCready. 1,471,104; Oct. 16.
Burner. F. M. Dallen. 1,468,442; Sept. 18.
Burner. M. A. Fesler. 1,445,827–8; Feb. 20.
Burner. J. E. Fowler. 1,447,842; Mar. 6.
Burner. J. M. Garrett. 1,478,949; Dec. 25.
Burner. E. Germer, jr. 1,443,409; Jan. 30.
Burner. J. H. Gooch. 1,468,782; Sept. 25.
Burner. J. F. Higgins. 1,450,631; Apr. 3.
Burner. C. H. Hoffstetter. 1,451,072; Apr. 10.
Burner. S. H. Hopewell. 1,466,588; Aug. 28.
Burner. J. H. Hunt. 1,467,935; Sept. 11.
Burner. O. M. Jarboe. 1,476,338; Dec. 4.
Burner. T. F. Kent. 1,451,546; Apr. 10.
Burner. T. F. Kent. 1,469,479; Oct. 2.
Burner. G. M. Latimer. 1,449,336; Mar. 20.
Burner. L. D. Mason. 1,441,991; Jan. 9.
Burner. W. McArthur. 1,447,095; Feb. 27.
Burner. A. W. Morse. 1,457,849; June 5.
Burner. C. W. Mummery. 1,452,650; Apr. 24.
Burner. Z. O. Rarrick. 1,447,571; Mar. 6.
Burner. C. O. Rowley. 1,455,810; May 22.
Burner. C. J. Sherwood. 1,455,175; May 15.
Burner. P. F. Slocum. 1,446,353; Feb. 20.
Burner. T. F. Smith. 1,459,295; June 19.
Burner. R. W. Wiederwax. 1,460,631; July 3.
Burner. E. Witzberger. 1,443,907; Jan. 30.
Burner. H. Ziebold, sr. 1,451,751–2; Apr. 17.
Burner and heater. T. R. Campbell. No. 1,441,062; Jan. 2.
Burner attachment. W. A. Hines and F. B. Manley. 1,447,847; Mar. 6.
Burner attachment. F. C. Piers. 1,463,837; Aug. 7.
Burner construction. E. Witzberger. 1,443,909; Jan. 30.
Burner-drum-lifting means. J. S. Brennan. 1,454,265; May 8.
Burner flue. L. S. Chadwick. 1,443,947; Feb. 6.
Burner for utilizing molasses as a fuel. P. G. Hildebrandt. 1,476,714; Dec. 11.
Burner of the injector type. L. Grote. 1,461,873; July 17.
Burner tip. J. H. Grayson. 1,463,263; July 31.
Burners and the like, Adjustable support for. L. S. Chadwick. 1,441,660; Jan. 9.
Burners, Flash igniter for gas. O. Spahr. 1,454,658; May 8.
Burners, Heat distributor for orchard. W. O. McClintock. 1,464,913; Aug. 14.
Burners, Igniter for gaseous-fuel. H. C. Pope and J. H. Fieldhouse. 1,476,725; Dec. 11.
Burners, Inductor for gas. C. F. Haussler and N. W. Park. 1,460,903; July 3.
Burners, Oil-drip plate for oil. A. Behrsin. 1,473,203; Nov. 6.
Burners or stoves, Lighting accessory for wickless. B. Bark. 1,475,778; Nov. 27.
Burners, Process and apparatus for feeding sulphur to. H. D. Kerr. 1,476,523; Dec. 4.
Burners, Safety attachment for. J. H. Reveson. 1,445,714; Feb. 20.
Burners, Vaporizer for liquid-fuel. J. E. Malivert. 1,458,891; June 12.
Burning-in and running-in machine. F. Danielson. 1,446,838; Feb. 27.
Burning-in machine. J. F. Henderson. 1,448,662; Mar. 13.
Burnishing irons, Heater for rotary. J. Di Dario. 1,474,410; Nov. 20.
Burnishing machine. B. S. Lee. 1,443,419; Jan. 30.
Burnishing machine, Electrically-heated. H. E. Dow. 1,451,687; Apr. 17.
Burring machine, Wool and hair. W. Perks, D. S. Turner, and J. Williamson. 1,472,308; Oct. 30.
Bur stand. C. F. Montag. 1,446,921; Feb. 27.
Bus. A. E. Hutt. 1,457,840; June 5.
Bus-bar-supporting structure. J. M. Brown. 1,472,154; Oct. 30.
Bus body. D. J. Hall. 1,467,376; Sept. 11.
Bus, Passenger. E. Leindorf. 1,468,710; Sept. 25.
Bus structure. A. M. Rossman. 1,473,385; Nov. 6.
Busheling furnace. J. McGaff. 1,472,803; Nov. 6.
Bushes or sockets to platelike bodies by flanging, Means for attaching. J. B. Cockburn. 1,463,799; Aug. 7.
Bushing. S. C. F. Dowling. 1,445,074; Feb. 13.
Bushing. J. S. Kinney. 1,458,943; June 19.
Bushing, Antirattling. D. E. Ross. 1,460,513; July 3.
Bushing extractor. A. Raffay. 1,461,554; July 10.
Bushing extractor and remover. L. H. Pitzer. 1,442,821; Jan. 23.
Bushing, Guide. O. R. Briney. 1,465,209; Aug. 14.
Bushing, Guide. O. R. Briney. 1,465,236; Aug. 14.
Brushing remover. L. H. Pitzer. 1,448,587; Mar. 13.
Bushing remover and replacer. H. E. Gardner, jr. 1,465,124; Aug. 14.
Bushing retaining screw and lubricator, Combined. D. M. Bliss. 1,470,801; Oct. 16.
Bushing tool. A. F. Huntington. 1,472,759; Oct. 30.
Bushings, Installing. C. W. Johnson and J. L. Myers. 1,469,793; Oct. 9.
Bushings, Locking means for guide. O. R. Briney. 1,465,181; Aug. 14.
Bushings, Machine for casting. T. Larsson. 1,474,484; Nov. 20.
Bust confiner and reducer. J. L. Holt. 1,463,424; July 31.
Bust developer. J. F. Thomas. 1,472,234; Oct. 30.
Butchering implement. J. N. Prisk. 1,472,309; Oct. 30.
Butt gauge. N. C. Wells and H. J. Meyer. 1,450,676; Apr. 3.
Butt hook. J. F. Graham. 1,457,887; June 5.
Butt hook, Safety. V. D. White. 1,473,983; Nov. 13.
Butt-removing device. S. E. and W. W. Morral. 1,458,142; June 12.
Butter-blocking machine. E. W. Knowlton. 1,452,160; Apr. 17.
Butter container. E. Bailey. 1,445,816; Feb. 20.
Butter cutter. R. E. Parrott. 1,448,938; Mar. 20.
Butter-cutting machine. J. L. Paisolli. 1,467,979; Sept. 11.
Butter, Machine for cutting. R. McGreer and H. J. Belcher. 1,455,258; May 15.
Butter substitute. J. C. Sherman. 1,444,562; Feb. 6.
Butter, Treating. J. M. W. Kitchen. 1,447,250; Mar. 6.
Butter tub. J. Olson. 1,445,545; Feb. 13.
Button. J. P. Bowles. 1,460,840; July 3.
Button. A. Brooke. 1,458,873; June 12.
Button. L. Gittelsohn. 1,441,275; Jan. 9.
Button. A. J. Gregory. 1,448,292; Mar. 13.
Button. R. L. Huffman. 1,453,245; Apr. 24.
Button. F. Primoshic. 1,447,627; Mar. 6.
Button. F. N. Ross. 1,455,357; May 15.
Button. F. N. Ross. 1,465,949; Aug. 28.
Button. J. O. Roy. 1,467,335; Sept. 11.
Button. G. E. Rutledge. Des. 63,376; Nov. 27.
Button. D. A. White. 1,445,119; Feb. 13.
Button. F. R. White. 1,452,539–40; Apr. 24.
Button. F. R. White. 1,463,236; July 31.
Button and necktie-guiding device, Combined collar. A. M. Goldstein. 1,467,788; Sept. 11.
Button and tie holder, Collar. J. A. Taylor. 1,457,324; June 5.
Button attachment or guard, Collar. F. Fredrickson. 1,469,437; Oct. 2.
Button-blank-cutting machine, Automatic. W. E. Knott. 1,472,275; Oct. 30.
Button-blank-cutting machines, Water-jet head attachment for. N. Barry. 1,452,779; Apr. 24.
Button, Cloth. E. and P. Kuckelsberg. 1,446,801; Feb. 27.
Button, Collar. C. H. Allen. 1,458,607; June 12.
Button, Collar. C. H. Lonsdale. 1,467,050; Sept. 4.
Button, Collar. F. M. McDermott. 1,443,489; Jan. 30
Button, Collar. W. B. Murphy. 1,472,374; Oct. 30.
Button, Collar. H. and H. Sirot. 1,453,809; May 1.
Button, Collar. A. Vancso. 1,459,940; June 26.

Button, Collar. J. H. Wenz. 1,477,093; Dec. 11.
Button, Combination cuff and collar. W. J. Circle 1,477,997; Dec. 18.
Button, Covered. L. Rosenberg. 1,475,723; Nov. 27.
Button, Cuff. A. H. Bacon. 1,458,164; June 12.
Button, Cuff. G. De Koff. 1,441,624; Jan. 9.
Button, Cuff. J. Garliner. Des. 62,024; Mar. 6.
Button, Cuff. C. A. Goddard. 1,461,524; July 10.
Button, Cuff. G. Kollstede. 1,443,543; Jan. 30.
Button, Cuff. G. Kollstede. 1,478,231; Dec. 18.
Button, Cuff. J. Novak. 1,444,701–2; Feb. 6.
Button, Cuff. W. W. Roberts. 1,449,296; Mar. 20.
Button, Cuff. K. Strossenreuter. 1,442,190; Jan. 16.
Button, Cuff. E. F. Wilde. 1,450,344; Apr. 3.
Button-cutting machine. H. Chalmers. 1,442,794; Jan. 23.
Button, Detachable. C. R. Nalle. 1,452,052; Apr. 17.
Button, emblem, badge, pin or similar article. J. J. Di Natale. Des. 62,322; May 8.
Button fastener. B. B. Devlin. 1,467,572; Sept. 11.
Button fastener. M. Folkman. 1,475,479; Nov. 27.
Buttonhole-cutter mechanism. M. McCann. 1,473,240; Nov. 6.
Buttonhole-cutting machine. A. S. Goldstein. 1,465,039; Aug. 14.
Buttonhole machine. H. C. Miller. 1,457,742; June 5.
Buttonhole-stitching machines, Gauging device for. E. B. Allen. 1,442,843; Jan. 23.
Buttonhole strip, Waistband. I. Heller. 1,471,604; Oct. 23.
Button hook, Collar-. C. Neumann. 1,463,400; July 31.
Button, One-piece cuff. S. Buchsbaum. 1,444,023; Feb. 6.
Button or pressure fastener, Spring. E. Keferstein. 1,445,618; Feb. 13.
Button or the like, Separable cuff link. C. D. Lyons 1,478,128; Dec. 18.
Button, Pivot. M. Weiss. 1,454,004; May 1.
Button, Push. R. E. Schieber. 1,441,457; Jan. 9.
Button, Secure collar. F. X. List. 1,462,509; July 24.
Button, Separable. J. O. Chabot. 1,461,009; July 3.
Button, Separable. G. Cloutier. 1,475,750; Nov. 27.
Button, Separable. I. Fried. 1,462,332; July 17.
Button, Separable. E. A. Phinney. 1,454,857; May 15.
Button, Separable emblem. M. C. Day. 1,442,606; Jan. 16.
Button, Shank. T. Donovan. 1,454,046; May 8.
Button, Snap. M. J. Baer. 1,455,281; May 15.
Button, Snap. J. Simokaitis. 1,477,289; Dec. 11.
Button, Snap. S. Tackler. Des. 63,114; Oct. 2.
Button stringer. F. L. Eberley. 1,473,955; Nov. 13.
Button structure. L. Arntz. 1,470,342; Oct. 9.
Button switch, Push-. F. Sauczuk. 1,444,804; Feb. 13.
Buttons, Assembling. A. Latham. 1,456,024; May 22.
Buttons, Device for preventing the loss of cuff. L. Arntz. 1,445,062; Feb. 13.
Buttons, etc., Fastener for. J. A. St. Clair. 1,447,634; Mar. 6.
Buttons, Forming. E. Morehouse. 1,442,231; Jan. 16.
Buttons, Machine for drilling. D. Bourque. 1,475,787; Nov. 27.
Buttons, Manufacture of. E. A. Wilson. 1,477,094; Dec. 11.
Buttons, Process and tool for making leather. M. D. Heyman. 1,459,888; June 26.
Buttons, Tufted back-mold for cloth-covered. J. A. Devendor and M. J. Kiely. 1,440,771; Jan. 2.
Cab-frame structure, Integral. F. L. Alben and H. A. Houston. 1,466,262; Aug. 28.
Cab, Metal. J. O. Richard and A. W. Dickerson. 1,441,299; Jan. 9.
Cab, Portable. E. D. Blackinton and G. E. Smith. 1,469,713; Oct. 2.
Cab signal and automatic train-control system. J. W Buell. 1,478,100; Dec. 18.
Cab signal and automatic train-control system, Dualistic J. W. Buell. 1,478,101; Dec. 18.
Cab turret. C. M. Bell. 1,472,265; Oct. 30.
Cabinet. F. K. Baxter, jr. 1,448,822; Mar. 20.
Cabinet. J. Becker. 1,450,575; Apr. 3.
Cabinet. F. G. Dorment. 1,455,191; May 15.
Cabinet. D. W. Egner. 1,441,670; Jan. 9.
Cabinet. T. B. C. Evans. 1,471,594; Oct. 23.
Cabinet. E. E. Gray. Des. 62,817; Aug. 7.
Cabinet. E. G. Green. 1,443,622; Jan. 30.
Cabinet. W. Guilliaume. Des. 62,445; June 5.
Cabinet. G. H. Hess. 1,473,345; Nov. 6.
Cabinet. J. F. Kuklinski. Des. 62,867; Aug. 14.
Cabinet. J. J. Lane. 1,463,511; July 31.
Cabinet. W. L. Lillie. 1,440,687; Jan. 2.
Cabinet. W. L. Lillie. Des. 62,956–7; Aug. 28.
Cabinet. F. Malovich. Des. 62,240; Apr. 24.
Cabinet. A. G. Marshall. Des. 62,304; May 1.
Cabinet. F. W. Mazsick. 1,473,793; Nov. 13.
Cabinet. P. Morina. 1,455,219; May 15.
Cabinet. E. Ohnstrand. 1,442,732; Jan. 16.
Cabinet. V. J. Ploplis. 1,458,848; June 12.
Cabinet. F. W. Reynolds. Des. 62,744; July 24.
Cabinet. W. Rimke. 1,465,178; Aug. 14.
Cabinet. K. L. Sheets. 1,471,532; Oct. 23.
Cabinet. W. J. Tate. 1,454,985; May 15.
Cabinet, Account-filing. W. T. McGraw. 1,452,919; Apr. 24.
Cabinet, Acoustic. D. Brunelli. Des. 63,071; Oct. 2.
Cabinet, Air-hose. W. Doll. 1,468,776; Sept. 25.
Cabinet and refrigerator, Combined china. T. Matson. 1,469,601; Oct. 2.
Cabinet and table, Combined. H. B. Pine and C. W. Cisney. 1,453,946; May 1.
Cabinet, Bath. F. Hnilo and J. Schultz. 1,446,704; Feb. 27.
Cabinet, Boudoir or private handy. T. L. Chase. Des. 61,889; Feb. 6.
Cabinet, Built-in. C. C. White. 1,463,607; July 31.
Cabinet, Camping. W. R. Albrighton. 1,478,371; Dec. 25.
Cabinet closure. E. Ohustrand. 1,476,414; Dec. 4.
Cabinet, Combination. E. Maliha. 1,447,623; Mar. 6.
Cabinet construction. W. H. Friedline. 1,461,239; July 10.
Cabinet construction. C. R. Jamison. 1,450,180; Apr. 3.
Cabinet, Containing. E. C. and E. A. Newman. 1,457,744; June 5.
Cabinet, Delivery. F. Tamborello. 1,478,590; Dec. 25.
Cabinet, Dispensing. J. H. Charbeneau. Des. 62,474; June 12.
Cabinet, Dispensing. M. G. James. Des. 63,466; Dec. 11.
Cabinet, Dispensing. S. Wheeler. 1,457,333; June 5.
Cabinet, Display. J. T. Ashbrooke. Des. 62,663; July 17.
Cabinet, Display. W. P. De Witt. 1,473,215; Nov. 6.
Cabinet, Display. C. F. Krom. 1,447,349; Mar. 6.
Cabinet, Display. F. Pfous. Des. 63,236; Nov. 6.
Cabinet, Display. J. Pinten. 1,473,868; Nov. 13.
Cabinet door. E. V. Hughes. 1,452,913; Apr. 24.
Cabinet drawer. J. B. O'Connor. 1,477,278; Dec. 11.
Cabinet, Filing. A. E. Sargeant and S. A. Moody. 1,475,555; Nov. 27.
Cabinet, Fire-resistant. E. Ohnstrand. 1,442,731; Jan. 16.
Cabinet, Fire-resistant. E. Ohnstrand. 1,443,087; Jan. 23.
Cabinet for foods, Steam. R. J. Campbell. 1,452,907; Apr. 24.
Cabinet for holding games. A. R. Hager. 1,477,056; Dec. 11.
Cabinet ironing board. A. S. Childers. 1,445,129; Feb. 13.
Cabinet ironing board and table, Combination. O. Stanley. 1,444,808; Feb. 13.
Cabinet joint. J. S. Knechtel. 1,468,786; Sept. 25.
Cabinet, Kitchen. M. H. Bodker. 1,448,253; Mar. 13.
Cabinet, Kitchen. A. Pedersen. 1,451,587; Apr. 10.
Cabinet, Ledger. R. W. MacDonald. 1,447,141; Feb. 27.
Cabinet, Lunch. G. G. Gocke. 1,446,008; Feb. 20.
Cabinet, Pie. J. Pfeffer. 1,444,268; Feb. 6.
Cabinet, Service. G. R. Craw. 1,469,359; Oct. 2.
Cabinet, Sewing. O. C. Riethmiller and A. Fowler. Des. 62,244; Apr. 24.
Cabinet, Shoe-shining. G. G. Groves. 1,450,076; Mar. 27.
Cabinet, Shoe-shining. L. Katz. 1,447,787; Mar. 6.
Cabinet, Stationery. R. Neddo. 1,456,562; May 29.
Cabinet, Stationery. E. G. Robeson. 1,458,953; June 19.
Cabinet, Steaming. L. Angelus. 1,453,967; May 1.
Cabinet, Store. W. P. Walker. 1,447,364; Mar. 6.
Cabinet, Storing and preserving. K. Otsuki. 1,463,723; July 31.
Cabinet table. L. H. Snider. 1,472,570; Oct. 30.
Cabinet, Toilet. M. Windecker. 1,443,858; Jan. 30.
Cabinet, Towel. F. M. Steiner. 1,470,941–4; Oct. 16.
Cabinet, Towel. F. M. Steiner and W. S. Graves. 1,477,018; Dec. 11.
Cabinet, Towel. G. A. Steiner. 1,477,019; Dec. 11.
Cabinet, Type. M. G. Fleming. 1,469,385; Oct. 2.
Cabinet, Uniform standard-form. C. G. Bates. 1,446,148; Feb. 20.
Cabinet, Wrapping-paper. J. A. Mackrodt. 1,447,594; Mar. 6.
Cabinets, Lock device for towel. A. L. Overholt. 1,477,000; Dec. 11.
Cabinets, Lock for milk. L. O. Miller. 1,451,100; Apr. 10.
Cabinets, Sink for kitchen. S. W. Brack. 1,464,638; Aug. 14.
Cabinets, Sliding moldboard for. H. A. Hall. 1,461,525; July 10.
Cable-building machine. H. W. Fisher and N. C. Davis. 1,450,584; Apr. 3.
Cable bumper. K. O. Schauman. 1,450,262; Apr. 3.
Cable chair. C. E. Strout. 1,452,664; Apr. 24.
Cable clamp. L. De Caigny. 1,473,144; Nov. 6.
Cable clamp. J. R. Kearney. 1,464,940; Aug. 14.
Cable clamp. J. A. Robertson. 1,460,276; June 26.
Cable clip, Pull-. O. Kroehle. 1,448,545; Mar. 13.
Cable connector. W. E. Camp. 1,453,001; Apr. 24.
Cable connector. R. O. Williams. 1,466,735; Sept. 4.
Cable coupling. J. P. McLaughlin. 1,449,765; Mar. 27.
Cable device, Slack-. G. John. 1,475,701; Nov. 27.
Cable end and housing and assembling the same. G. W. Stout. 1,461,466; July 10.
Cable-end connection. H. C. Gottschalt. 1,466,127; Aug. 28.
Cable equalizer. H. B. Cook. 1,472,386; Oct. 30.
Cable equalizer. E. E. Wright. 1,465,705; Aug. 21.
Cable-gripping device. H. F. Curtis. 1,442,862; Jan. 23.
Cable hanger. W. Boley. 1,469,578; Oct. 2.
Cable hanger. R. Fordyce. 1,455,30; May 15.
Cable hanger. D. K. McGinty. 1,476,093; Dec. 4.
Cable hanger. W. J. Peach. 1,454,559; May 8.

Cable release and assembling same, Flexible-. C. E. Sturgis. 1,454,192; May 8.
Cable sling, Plaited-. C. Nyman. 1,475,859; Nov. 27.
Cable support. O. W. Brenizer. Re15,581; Apr. 17.
Cable support, Feeder-. W. Schaake. 1,454,864; May 15.
Cable take-up. J. C. and F. D. Wiliamson. 1,443,666; Jan. 30.
Cable-tension-equalizing device. C. R. Pratt and J. C. Heslip. 1,474,911; Nov. 20.
Cable, Thermal-control. F. W. Parsons. 1,455,805; May 22.
Cable tightener. F. W. Barber. 1,476,026; Dec. 4.
Cableway carriage. G. Frink. 1,445,013; Feb. 13.
Cableway carriages, Stop mechanism for. W. M. Venable. 1,445,116; Feb. 13.
Cableways, Bucket and associated parts for. T. S. Miller. 1,476,536; Dec. 4.
Cable-winding apparatus. A. E. Norris. 1,478,756; Dec. 25.
Cable-winding mechanism, Electric-. W. A. Young and F. Brill. 1,476,941; Dec. 11.
Cables and the like, Forwarding system for ocean. W. H. Martin. 1,472,849; Nov. 6.
Cables, Detective and protective device for electric. C. J. Beaver, A. F. W. Richards, and E. A. Claremont. 1,443,613; Jan. 30.
Cables, Fastening device for. A. W. Olson. 1,456,824; May 29.
Cables, Fault locater for electric. H. M. Stoller and E. M. Matthews. 1,464,119; Aug. 7.
Cables, Grounding box for electrical piloting. A. Crossley. 1,459,047; June 19.
Cables, Means for supporting aerial. F. L. Rhodes. 1,477,596; Dec. 18.
Cables, Means of grounding electrical piloting. H. W. Kitchin. 1,441,002; Jan. 2.
Cables, Power hitch for pump. C. B. Foster. 1,477,817; Dec. 18.
Cables, rods, Bowden wires, and the like, Means for actuating control. C. G. Pullin. 1,449,349; Mar. 20.
Cables, Suspension device for equalizing the strain on elevator. J. E. Evans. 1,442,060; Jan. 16.
Cacao, chocolate, and the like. Apparatus for grinding or mixing. C. Postranecky. 1,443,926; Jan. 30.
Caddy, Collapsible. S. N. Leopold. 1,450,690; Apr. 3.
Cage, Antithief. R. A. Ainsa. 1,448,611; Mar. 13.
Cage, Bird. A. Chadwick. 1,477,941; Dec. 18.
Cage, Bird. S. Cipresso. Des. 61,890; Feb. 6.
Cage, Bird. K. W. Oster. 1,468,730; Sept. 25.
Cage, Overturning. D. F. Lepley. 1,475,636; Nov. 27.
Cage press. C. F. Stehlin. 1,448,774; Mar. 20.
Cages, Catch for bird. L. J. Leon. 1,478,440; Dec. 25.
Caisson. W. Griesser. 1,465,664; Aug. 21.
Cake former. C. H. Fulson. 1,450,030; Mar. 27.
Cake former. O. Sheppard, jr. 1,450,457; Apr. 3.
Cake-forming machine. R. A. Trace. 1,468,765; Sept. 25.
Cake-icing device. F. C. Cockbill and J. H. V. Grimes. 1,472,022; Oct. 23.
Cake lifter. J. L. Lagorio. 1,443,692; Jan. 30.
Cake mixers, Heating attachment for. J. Guttenstein and I. Kritzer. 1,468,615; Sept. 18.
Cake pan. A. Katzinger. 1,477,650; Dec. 18.
Cake pan. C. M. Naugle. 1,476,910; Dec. 11.
Calcining and clinkering, Apparatus for. R. D. Pike. 1,468,168; Sept. 18.
Calcining apparatus. R. D. Pike. 1,472,935; Nov. 6.
Calcium chloride, Production of. V. M. Goldschmidt. 1,458,650–1; June 12.
Calcium nitrate and making same, Hydrated. H. J. Krase and Jew Yam Yee. 1,475,492; Nov. 27.
Calculating device. H. Foley. 1,473,573; Nov. 6.
Calculating device. F. Fulgora. 1,453,100; Apr. 24.
Calculating device. S. V. Johnson. 1,447,309; Mar. 6.
Calculating device. M. A. Pursel. 1,451,890; Apr. 17.
Calculating instrument. H. C. Ford. 1,472,590; Oct. 30.
Calculating machine. W. H. Berwick. 1,464,403; Aug. 7.
Calculating machine. R. G. C. Boa. 1,462,567; July 24.
Calculating machine. E. F. Britten, jr. 1,474,230; Nov. 13.
Calculating machine. G. C. Chase. 1,468,992; Sept. 25.
Calculating machine. C. W. Chih. 1,455,710; May 15.
Calculating machine. G. de Giglio. 1,477,116; Dec. 11.
Calculating machine. M. G. de Simone. 1,450,718; Apr. 3.
Calculating machine. C. M. F. Friden. 1,454,275; May 8.
Calculating machine. C. M. Friden. 1,476,197–8; Dec. 4.
Calculating machine. F. A. Hart. 1,464,095; Aug. 7.
Calculating machine. C. L. Johnston. 1,476,205; Dec. 4.
Calculating machine. T. Jowett and C. E. Squire. 1,456,061; May 22.
Calculating machine. J. F. Mays. 1,441,733; Jan. 9.
Calculating machine. W. Moeller. 1,448,809; Mar. 20.
Calculating machine. F. O. Mueller. 1,444,478; Feb. 6.
Calculating machine. A. F. Poole. 1,446,990; Feb. 27.
Calculating machine. A. F. Poole. 1,477,077; Dec. 11.
Calculating machine. A. F. Poole and F. A. Hart. 1,468,510; Sept. 18.
Calculating machine. E. Richter. 1,450,516; Apr. 3.
Calculating machine. K. V. Rudin. 1,462,944; July 24.
Calculating machine. E. Russell-Clarke. 1,471,683–5; Oct. 23.
Calculating machine. C. Schaller. 1,465,871; Aug. 21.
Calculating machine. C. Schaller. 1,467,198; Sept. 4.
Calculating machine. A. Seguin. 1,472,942; Nov. 6.
Calculating machine. C. A. Sieweck. 1,466,488; Aug. 28.
Calculating machine. C. A. Sieweck. 1,469,488; Oct. 2.
Calculating machine. F. Trinks. 1,462,397; July 17.
Calculating machine. J. A. V. Turck. 1,449,639; Mar. 27.
Calculating machine. D. Turner. 1,474,863; Nov. 20.
Calculating machines, Adjusting mechanism for. L. Beckenbauer. 1,474,137; Nov. 13.
Calculating machines, Automatic carriage-raising means for. E. F. Britten, jr. 1,462,059; July 17.
Calculating machines, Carriage mechanism for. H. A. Shappelle. 1,448,874; Mar. 20.
Calculating machines, Carry-set mechanism for. E. F. Britten, jr. 1,462,060; July 17.
Calculating machines, Overthrow check for. E. F. Britten, jr. 1,462,061; July 17.
Calculating machines, Resetting mechanism for. J. F. Mays. 1,441,734; Jan. 9.
Calculating machines, Revolutions-counting mechanism for. F. Trinks. 1,445,461; Feb. 13.
Calculating machines, Selector mechanism for. G. C. Chase. 1,474,238; Nov. 13.
Calculating machines, Tens-carrying device for. P. Reiss. 1,461,455; July 10.
Calculating machines, Zeroizing means for the curve disks of. K. V. Rudin. 1,464,778; Aug. 14.
Calculating wages, Method of and means for use in. F. Ludwig. 1,447,479; Mar. 6.
Calculator. C. K. Appleby. 1,440,364; Jan. 2.
Calculator. A. L. Beck. 1,473,948; Nov. 13.
Calculator. W. H. Butcher. 1,459,279; June 19.
Calculator. F. W. Caldwell. 1,454,104; May 8.
Calculator. W. M. Fraser. 1,458,045; June 5.
Calculator. W. C. Goodwin. 1,444,602; Feb. 6.
Calculator and rule, Mathematical. P. M. Swaim. 1,443,855; Jan. 30.
Calculator, Decimal-point. C. E. Latshaw. 1,474,533; Nov. 20.
Calculator device. E. M. Beals. 1,446,687; Feb. 27.
Calculator, Interest. A. C. Meyer. 1,472,276; Oct. 30.
Calculator, Tabular. N. J. Deisch. 1,441,914; Jan. 9.
Calculator, Time. S. R. Lamb. 1,471,341; Oct. 23.
Calculator, Workman's time. M. A. Lucas. 1,444,619; Feb. 6.
Calendar. W. H. Baker. 1,452,407; Apr. 17.
Calendar. C. L. Cook. 1,457,821; June 5.
Calender. J. A. McCrohan. 1,469,658; Oct. 2.
Calendar. S. M. Spragens. 1,477,463–4; Dec. 11.
Calendar. P. H. Welcker. 1,469,062; Sept. 25.
Calendar and pad holder, Combination. F. A. Fuller. 1,441,273; Jan. 9.
Calendar, Baseball. A. L. Beckett. 1,443,520; Jan. 30.
Calendar, Coin-controlled. G. M. Diehl. 1,471,836; Oct. 23.
Calendar, Index reckoner. J. H. Kulow. 1,466,021; Aug. 28.
Calendar-pad retainer. B. H. Harris. 1,463,210; July 31.
Calendar, Perpetual. L. H. Downer. 1,470,065; Oct. 9.
Calendar, Perpetual. H. L. Gulline. 1,448,293; Mar. 13.
Calendar, Perpetual. F. W. Orth. 1,459,236; June 19.
Calendar, Perpetual. J. W. West. 1,464,191; Aug. 7.
Calf weaner. W. R. Bailie. 1,472,542; Oct. 30.
Calibration of instruments. H. Schlaich. 1,477,666; Dec. 18.
Caliper, Contour. H. V. Lough. 1,465,646; Aug. 21.
Caliper gauge. M. Bartholdy. 1,465,295; Aug. 21.
Caliper, Micrometer. J. H. Fullmer. 1,440,824; Jan. 2.
Calipers. A. Belanger and F. P. Riches. 1,460,275; June 26.
Calipers. H. Frappart. 1,442,717; Jan. 16.
Calipers. J. M. Stuchlik. 1,445,050; Feb. 13.
Calipers, Device for setting. T. H. White. 1,465,106; Aug. 14.
Calipers, Micrometer. L. O. Beard. 1,452,780; Apr. 24.
Calipers, Micrometer. W. D. La Batt. 1,478,664; Dec. 25.
Calipers, Scribing. W. D. Lowe. 1,445,520; Feb. 13.
Calk, Removable. M. M. Sherwood. 1,465,794; Aug. 21.
Calking, Tool for. H. G. Gundlach. 1,475,264; Nov. 27.
Calking tool, Rotary. L. G. Schweinebraten. 1,445,415; Feb. 13.
Calks to horseshoes, Securing. D. Yensen. 1,453,899; May 1.
Call device for public rooms. J. K. Shvachka and A. S. Birnbaum-Shestakoff. 1,464,447; Aug. 7.
Call-distributing system. W. S. Paca. 1,453,321; May 1.
Call-distributing system. L. Polinkowski. 1,446,582; Feb. 27.
Call-indicating system. C. E. Lomax. 1,476,366; Dec. 4.
Calling device. J. T. E. Hillhouse. 1,472,595; Oct. 30.
Calling device. W. Kaisling. 1,456,602; May 29.
Calling device. S. Suekoff. 1,451,480; Apr. 10.
Calling device. A. Vischer, jr. 1,454,496; May 8.
Calling device. W. L. Whidden. 1,468,095; Sept. 18.
Calling-device attachment. F. W. Fahrenfeld. 1,455,998; May 22.
Cam. R. F. Hall. 1,460,651; July 3.
Cam-grinding apparatus, Uniformly-driven. A. Turner. 1,465,068; Aug. 14.
Cam-inverting means. H. D. Lathrop. 1,445,776; Feb. 20.

Cam plates to cam shafts, Means for removably securing. E. E. Talbot. 1,464,589; Aug. 14.
Cam shafts and the like, Forming. G. H. Phelps. 1,448,862; Mar. 20.
Cams, Sectional die for producing differential sheet-metal. T. M. Russell. 1,445,358; Feb. 13.
Camera. G. W. Blum. 1,470,708; Oct. 16.
Camera. V. Calabrese. 1,452,413; Apr. 17.
Camera. A. B. Cubbage and H. Millman. 1,477,038; Dec. 11.
Camera. W. L. Dodge. 1,454,045; May 8.
Camera. G. W. Kauser. 1,469,273; Oct. 2.
Camera. H. H. McNaughton. 1,449,429; Mar. 27.
Camera. O. Mietzelfeld. 1,448,414; Mar. 13.
Camera. F. Mladinich. 1,446,576; Feb. 27.
Camera. G. Quarfoth. 1,460,112; June 26.
Camera. S. Snowden. 1,463,446; July 31.
Camera. E. F. Stratton. 1,468,088; Sept. 18.
Camera. A. Trowbridge and W. C. Duryea. 1,477,674; Dec. 18.
Camera. F. S. Warren. 1,454,198; May 8.
Camera. A. Wassilieff. 1,466,774; Sept. 4.
Camera attachment. A. Payne. 1,451,956; Apr. 17.
Camera bellows. F. G. Norman. 1,447,955; Mar. 6.
Camera case. A. Nagel. 1,467,556; Sept. 11.
Camera-case attachment. M. M. Mix. 1,467,906; Sept. 11.
Camera casing. J. A. Robertson and C. F. Speidel. Des. 62,530; June 12.
Camera, Enlarging. E. C. Fritts. 1,460,714; July 3.
Camera, High-speed. J. W. Legg. 1,454,899; May 15.
Camera lock for preventing double exposure. W. F. C. Devlin and S. W. Graham. 1,473,088; Nov. 6.
Camera, more particularly for use in aerial photography. H. D. Wootton. 1,469,569; Oct. 2.
Camera, Motion-picture. E. W. Davis. 1,450,433; Apr. 3.
Camera, Panoramic. S. Richards. 1,449,295; Mar. 20.
Camera, Photographic. H. F. Dobbin. 1,448,526; Mar. 13.
Camera, Photographic. F. M. Faber. 1,475,006; Nov. 20.
Camera shutter, Electrically-actuated. E. L. Bowers. 1,444,365; Feb. 6.
Camera-shutter-operating mechanism. G. J. MacDowell and M. H. Jones. 1,456,137; May 22.
Camera support. R. Kroedel. 1,460,816; July 3.
Camera support. D. Makower. 1,457,982; June 5.
Cameras, Apparatus for automatically focusing multiple-exposure. W. Fritsche. 1,452,833; Apr. 24.
Cameras, Automatic feeder for roll-film. I. Zanolini. 1,468,191; Sept. 18.
Cameras, Carrying handle for. C. F. Speidel. 1,459,755; June 26.
Cameras, Device for motion-picture. O. D. Tauern and N. Lyon. 1,477,297; Dec. 11.
Cameras, Dissolve mechanism for. K. W. Thalhammer. 1,468,091; Sept. 18.
Cameras, Exposure attachment for. G. J. Fischer. 1,469,435; Oct. 2.
Cameras, Exposure-identification attachment for. C. A. Charbeneau. 1,473,902; Nov. 13.
Cameras, Film-pack holder for. J. J. Faber. 1,447,972; Mar. 13.
Cameras, Film shifter for. C. Franco. 1,443,019; Jan. 23.
Cameras, Film winder for film. C. E. Griffiths. 1,444,682; Feb. 6.
Cameras, Finder for folding. C. Bornmann. 1,445,198; Feb. 13.
Cameras, Focusing attachment for folding. F. Torka and P. H. C. Redders. 1,469,547; Oct. 2.
Cameras, Indicator for. E. M. Woodworth. 1,478,318; Dec. 18.
Cameras, Loading means for film magazines for. H. Newman. 1,460,435; July 3.
Cameras, Magazine plate back for. W. Ludowici. 1,446,803; Feb. 27.
Cameras, Operating handle for motion-picture. J. Tessier. 1,469,830; Oct. 9.
Cameras, Optical system for phonographic. S. M. de Procoudine-Gorsky. 1,456,427; May 22.
Cameras, Panoramic attachment for. W. Edwards. 1,456,372; May 22.
Cameras, Roll film for. W. D. Hansen. 1,467,543; Sept. 11.
Cameras, Shutter lock for. J. G. Kalanzis. 1,446,186; Feb. 20.
Cameras, Shutter-locking attachment for. F. R. Warn and P. C. Jackson. 1,442,373; Jan. 16.
Cameras, Stylus attachment for. C. F. Speidel. 1,473,798; Nov. 13.
Camp case, Convertible. J. Blank. 1,476,389; Dec. 4.
Camp kit for motor vehicles, Detachable. J. A. Train. 1,443,397; Jan. 30.
Camper's combination utensil. E. Brecel. 1,452,337; Apr. 17.
Camper's kit. L. O. Gaspar. 1,470,439; Oct. 9.
Camping kit. L. W. R. Andrist. 1,441,475; Jan. 9.
Camping outfit. O. E. Hans. 1,466,224; Aug. 28.
Camping outfit. A. J. Lewis. 1,460,162; June 26.
Camping outfit. F. E. West. 1,471,433; Oct. 23.
Camphor, Method and apparatus for purifying. J. E. Crane and E. G. Loomis. 1,468,377; Sept. 18.
Camphor, Production of. W. T. Scheele. 1,458,993; June 19.
Camphor, Refining. R. L. Andreau. 1,468,371; Sept. 18.
Can: *See*—
Adjustable starter can.
Freezing can.
Friction-top can.
Garbage can.
Ice can.
Key-opening can.
Liquid-applying can.
Measuring can.
Milk can.
Oil can.
Paper can.
Pump oil can.
Sheet-metal can.
Sirup can.
Can. A. Davis, jr., and A. L. Betts. Des. 62,888; Aug. 21.
Can. M. M. Shackitt. 1,448,316; Mar. 13.
Can. A. Sundh. 1,466,677; Sept. 4.
Can. F. P. Wood. 1,459,523; June 19.
Can and making same, Handled. A. Miller. 1,449,829; Mar. 27.
Can-body maker. A. L. Kronquest. 1,475,399; Nov. 27.
Can-body top. B. Dewey and H. P. Scott, jr. 1,478,782; Dec. 25.
Can-cap feed. H. L. Guenther. 1,454,383; May 8.
Can-capping machine. B. E. Taylor. 1,447,696; Mar. 6.
Can-capping machine, Square-. C. T. Small. 1,446,590; Feb. 27.
Can-closing machine. R. Flanigan. 1,458,694; June 12.
Can-closing machine, Sanitary. L. Dennison. 1,454,375; May 8.
Can-closing machines, Timing device for filled-. E. G. Mason. 1,467,442; Sept. 11.
Can closure. D. Ferguson. 1,448,589; Mar. 13.
Can closure. F. R. Harris and L. Hollander. 1,468,292; Sept. 18.
Can closure. F. J. O'Brien. 1,476,213; Dec. 4.
Can closure, Sanitary. F. J. O'Brien. 1,476,214; Dec. 4.
Can closures, Apparatus for applying. J. M. Hothersall. 1,444,418; Feb. 6.
Can closures, Attachment for. B. B. Foster. 1,456,791; May 29.
Can cover, Milk-. C. O. Johnson and A. F. Bergholz. 1,472,220; Oct. 30.
Can-covering machine. A. J. Steiner. 1,456,409; May 22.
Can-double-seaming machine. H. L. Guenther. 1,441,195; Jan. 2.
Can-end liners, Apparatus for cutting and handling. C. W. Graham. 1,448,839; Mar. 20.
Can-end liners with can ends, Apparatus for assembling. C. W. Graham. 1,448,840; Mar. 20.
Can ends and mechanism therefor, Lining. W. J. Towle. 1,465,102; Aug. 14.
Can ends, Method of and apparatus for gasket lining. I. D. Thornburgh. 1,463,519; July 31.
Can exhauster. J. F. Anderson. 1,455,014; May 15.
Can feeding and timing device. H. L. Guenther. 1,463,527; July 31.
Can-feeding device. O. Smith. 1,451,450; Apr. 10.
Can-feeding mechanism. J. A. Lee. 1,457,177; May 29.
Can-filling machine. C. H. Ayars. 1,459,492; June 19.
Can-filling machine. C. H. Ayars. 1,468,253–4; Sept. 18.
Can-filling machine. C. H. Ayars. 1,475,675; Nov. 27.
Can-filling machine. C. H. Ayars. 1,476,278; Dec. 4.
Can-filling machine. O. H. Hansen. 1,460,198; June 26.
Can-filling machine. A. Holmquist, sr. 1,458,903; June 12.
Can-filling machine. C. E. Steere. 1,471,867; Oct. 23.
Can-filling machines, Measuring device for. B. P. Babcock. 1,444,052; Feb. 6.
Can-forming mechanism. V. Mauck. 1,468,724; Sept. 25.
Can-gill guide. O. Ladebauche. 1,458,830; June 12.
Can-handling machine. F. W. Smith. 1,442,983; Jan. 23.
Can-heading machine. A. Calleson. 1,453,619; May 1.
Can holder. R. R. Kusnitt. 1,447,870; Mar. 6.
Can holder and opener. L. Grundhand and O. Iseli. 1,474,077; Nov. 13.
Can holder and perforator. F. H. Smith. 1,468,041; Sept. 18.
Can-labeling machine. C. H. Wild. 1,475,358; Nov. 27.
Can lid. E. C. Bott. 1,477,936; Dec. 18.
Can lids, Machine for applying sealing material to. C. Middelthon. 1,443,031; Jan. 23.
Can lifter. P. D. Mareau. 1,457,379; June 5.
Can lifter and ice tongs. G. Vergote. 1,457,238; May 29.
Can lining. I. Schwartz. 1,465,367; Aug. 21.
Can machinery, Seaming head for. H. L. Guenther. 1,450,418; Apr. 3.
Can opener. P. J. Andrae and A. W. Swanson. 1,441,652; Jan. 9.
Can opener. J. W. and L. E. Bauer. 1,443,783; Jan. 30.
Can opener. O. F. Bergman. 1,464,167; Aug. 7.
Can opener. J. Bodnar. 1,451,320; Apr. 10.
Can opener. A. C. Burke. 1,452,287; Apr. 17.
Can opener. T. L. Croom. 1,473,780; Nov. 13.
Can opener. V. V. Curtis. 1,473,600; Nov. 6.
Can opener. L. De Ryder. 1,448,833; Mar. 20.
Can opener. C. W. Ervin. 1,473,027; Nov. 6.
Can opener. J. A. Felton. 1,474,466; Nov. 20.
Can opener. H. Garrison. 1,476,360; Dec. 4.
Can opener. H. E. Keeler. 1,461,151; July 10.
Can opener. V. Lambert. 1,452,516; Apr. 24.
Can opener. J. A. Marquis and V. E. Graves. 1,446,804; Feb. 27.
Can opener. G. E. Marshall. 1,456,246; May 22.
Can opener. A. R. Neff. 1,471,857; Oct. 23.
Can opener. W. S. Perry. 1,442,734; Jan. 16.
Can opener. R. R. Quackenbush. 1,477,716; Dec. 18.

Can opener. L. D. Roberts. 1,459,261; June 19.
Can opener. L. D. Roberts. 1,461,162; July 10.
Can opener. J. B. Sanders. 1,450,894; Apr. 3.
Can opener. R. H. Waller. 1,451,192; Apr. 10.
Can opener. W. E. Winn. 1,447,370; Mar. 6.
Can opener. B. G. Worthington. 1,447,197; Mar. 6.
Can opener and stopper, Combined. A. O. Anderson. 1,466,108; Aug. 28.
Can opener, Reciprocating knife. J. T. McGrath. 1,473,306; Nov. 6.
Can-opening device. F. B. Angell. 1,472,862; Nov. 6.
Can-opening machine, Automatic. W. L. Street. 1,469,398; Oct. 2.
Can-opening wrench. T. Harding and B. Biehl, sr. 1,457,774; June 5.
Can perforator and protector, Milk-. J. Bussanich. 1,468,438; Sept. 18.
Can punch. E. A. Conway. 1,467,608; Sept. 11.
Can punch and seal. A. Johnson. 1,460,418; July 3.
Can-reversing mechanism. C. F. McEwan. 1,444,929; Feb. 13.
Can-sealing machine. M. E. and J. O. Johnston. 1,449,325; Mar. 20.
Can-sealing machine. C. T. Small. 1,474,176; Nov. 13.
Can-sealing machines, Cap sterilizer and can-centering plate for. A. N. Cramer. 1,450,356; Apr. 3.
Can, Sheet-metal. B. N. Wells. 1,454,802; May 8.
Can-soldering machine. L. J. Charland. 1,470,146; Oct. 9.
Can spout. C. K. Raber. 1,462,820; July 24.
Can-testing apparatus. G. W. Chambers. 1,456,094; May 22.
Can-top fastener. A. G. Canby. 1,468,375; Sept. 18.
Can-top vent. J. F. Collins. 1,467,706; Sept. 11.
Can-turning mechanism. H. V. Underwood. 1,469,740; Oct. 2.
Can-washing machine. H. D. Lathrop. 1,444,925; Feb. 13.
Can-washing machine. H. D. Lathrop. 1,465,734; Aug. 21.
Can-washing machine. C. F. McEwan. 1,454,124; May 8.
Can-washing machine. W. H. Paulson. 1,446,579; Feb. 27.
Can-washing machine, Milk-. C. E. Bonine and H. W. Stauffer. 1,475,535; Nov. 27.
Canned food, Steam cooking apparatus for. H. W. Koch. 1,441,932; Jan. 9.
Canned goods, Apparatus for treating. C. A. Hoy. 1,447,135; Feb. 27.
Canned goods, Applying labels to. W. C. Hart. 1,463,265; July 31.
Canned goods, Machine for treating. A. R. Thompson. 1,467,561; Sept. 11.
Canning and canning machine. C. F. Capell. 1,448,255; Mar. 13.
Canning device. I. Rancadore and L. Pecoraro. 1,464,829; Aug. 14.
Canning machine. J. F. Anderson. 1,455,013; May 15.
Canning, Preparing fruit for. A. L. Duncan. 1,441,490; Jan. 9.
Cans and articles produced, Making metallic. W. H. Richman. 1,472,616; Oct. 30.
Cans and like containers, Opener for. E. J. Boyler. 1,474,064; Nov. 13.
Cans and like containers, Seal for metal. S. H. Yancey. 1,476,564; Dec. 4.
Cans and similar containers, Cover for cracker. H. Sebell. 1,459,266; June 19.
Cans and the like, Device for soldering ice. W. W. Langdon. 1,460,549; July 3.
Cans and the like, Multiple-spindle crimper for capping condensed-milk. G. H. Steward. 1,458,735; June 12.
Cans, Combined handle and cover for. M. Watry. 1,442,017; Jan. 9.
Cans, Combined lid opener and hinge for. E. B. McComas. 1,440,925; Jan. 2.
Cans containing condensed milk, Shaking apparatus for. R. Rafn. 1,467,909; Sept. 11.
Cans, etc., Can-cap-seaming apparatus for varnish. A. M. Augensen. 1,460,398; July 3.
Cans, Horizontal stationary double seamer for. M. E. Widell and A. A. Jahr. 1,452,947; Apr. 24.
Cans, Machine for opening. P. C. West. 1,456,525; May 29.
Cans made of metal or other material, Cap for. S. N. Tevander. 1,446,672; Feb. 27.
Cans, Manufacture of dry-battery. W. H. Finkeldey and W. M. Peirce. 1,472,359; Oct. 30.
Cans, Opening and refinishing. M. G. Clymer and A. E. Ritchey. 1,446,158; Feb. 20.
Cans or similar receptacles, Machine for washing milk. C. E. Bonine and H. W. Stauffer. 1,475,536; Nov. 27.
Cans, Outlet for. I. E. Sexton. 1,475,724; Nov. 27.
Cans, Process and apparatus for closing filled. F. Huntar. 1,468,785; Sept. 25.
Cans, Sanitary and temperature-insulating jacket for milk. W. A. West. 1,460,461; July 3.
Cans, Soldering mechanism for. A. L. Kronquest. 1,476,405; Dec. 4.
Cancelling machine, Stamp-. C. A. Mattern. 1,442,287; Jan. 16.
Candies, Die for making porous. W. B. Laskey. 1,468,535; Sept. 18.
Candy. A. Goldberg. Des. 61,765–8; Jan. 9.
Candy. E. Tyner. Des. 62,462; June 5.
Candy bouquet. F. L. Van Delinder. Des. 62,710; July 24.
Candy box. E. P. Kellogg. Des. 62,954; Aug. 28.
Candy-coating machine. H. R. Wallace. 1,471,429; Oct. 23.
Candy confection, Hard. A. Hochstraser. Des. 62,611; July 3.
Candy cutting and cooling machine, Honeycomb-. E. J. Momenee. 1,451,081; Apr. 10.
Candy-cutting apparatus. E. W. Roberts. 1,474,004; Nov. 13.
Candy depositor. W. S. Nicholson. 1,466,338; Aug. 28.
Candy-forming machine. W. C. Smith. 1,478,924; Dec. 25.
Candy, Making. L. C. Blunt. 1,467,351; Sept. 11.
Candy making. W. B. Laskey. 1,446,189; Feb. 20.
Candy-making apparatus. A. L. Bausman. 1,478,866; Dec. 25.
Candy-making machine. W. N. Hartshorn. 1,469,316; Oct. 2.
Candy-making machine. W. B. Laskey. 1,466,509; Aug. 28.
Candy-making machine. F. Waida. 1,447,914; Mar. 6.
Candy mint. H. W. Alexander, jr. Des. 62,213; Apr. 17.
Candy novelty. J. R. Pettit. 1,461,543; July 10.
Candle. A. E. Glistridis. Des. 63,032; Sept. 18.
Candle, Electric. T. Stückelberger. 1,474,451; Nov. 20.
Candle-forming machine. E. A. Houchin. 1,454,052; May 8.
Candleholder. A. M. Hawley. Des. 62,553; June 19.
Candle pointer. A. S. Hope. 1,451,164; Apr. 10.
Candle, Sealing-wax. H. Hohmann. 1,462,601; July 24.
Candle shades, Holder for. M. O. Taylor. 1,452,575; Apr. 24.
Candle-shaping machine. J. E. Brinker and C. P. McNeil. 1,474,890; Nov. 20.
Candle-supporting cup for candle bases. P. A. Petersen. 1,474,910; Nov. 20.
Candles, Adjustable support for electric-light. S. M. Israel. 1,475,768; Nov. 27.
Candlestick. F. Carder. Des. 62,019; Mar. 6.
Candlestick. A. J. Flauder. Des. 63,361; Nov. 27.
Candlestick. A. S. Rowland. Des. 63,660; Dec. 25.
Candlestick and flower vase, Combined. M. H. Connor. 1,450,429; Apr. 3.
Candlesticks and candleholders, Attachment for. E. J. Lake. 1,456,134; May 22.
Cane and fishing implement, Combined. J. M. Lobit. 1,442,813; Jan. 23.
Cane, and other articles, Apparatus for hoisting and transferring sugar. G. V. Rodriguez. 1,467,013; Sept. 4.
Cane and similar plants, Machine for cutting. J. Vilar y Pazos. 1,459,247; June 19.
Cane and telescope, Combined. E. Thimgren. 1,473,527; Nov. 6.
Cane, Combination walking. L. Fritschka. 1,456,304; May 22.
Cane-cutting-apparatus transmission gear. A. W. Dunn and G. Potter. 1,478,327; Dec. 18.
Cane for extraction, Apparatus for preparing. E. Wessale. 1,474,870–1; Nov. 20.
Cane for extraction, Process of and apparatus for preparing. E. Wessale. 1,469,744; Oct. 2.
Cane juice, Purifying raw. C. J. G. Sörensen. 1,448,421; Mar. 13.
Cane-loading apparatus. J. Fritschi and W. P. Hughes. 1,474,585; Nov. 20.
Cane, Machine for cutting and stripping. F. S. Curbelo. 1,468,195; Sept. 18.
Cane-mill feed controller, Sugar-. E. G. Koch. 1,445,218; Feb. 13.
Cane mills, Juice-saving attachment for. J. Fisher. 1,456,430; May 22.
Cane stripper. G. D. Luce. Re15,616; May 29.
Cannon, Pneumatic. A. Emmelin. 1,477,698; Dec. 18.
Cannon, Superfired. R. L. Wright. 1,447,198; Mar. 6.
Cannon tunnel mount. H. A. Sutton and R. S. Van Atta. 1,471,366; Oct. 23.
Cannon with multiple powder chambers. E. Rimailho. 1,477,078; Dec. 11.
Cannula and clamp. F. C. Atwood. 1,452,863; Apr. 24.
Canoe-propelling device. S. Mierzwinski. 1,471,747; Oct. 23.
Canopy for lighting fixtures. H. T. Howell. Des. 63,178; Oct. 30.
Canopy or fixture securing device. J. A. Daum. 1,446,788; Feb. 27.
Cant hook. W. J. Page. 1,467,192; Sept. 4.
Canvas tubing, Coupling for. F. M. Bins. 1,440,814; Jan. 2.
Canvases and the like, Frame for stretching. H. Nercam. 1,443,923; Jan. 30.
Caoutchouc, Producing seamless articles of. A. Boecler. 1,475,738; Nov. 27.
Caoutchouc substances, Accelerator for the vulcanization of. C. W. Bedford. 1,477,805; Dec. 18.
Cap. G. C. Apple. 1,462,438; July 17.
Cap. W. O. Berman. 1,446,411; Feb. 20.
Cap. H. Jacobs. 1,442,071; Jan. 16.
Cap. J. Karns. 1,443,475; Jan. 30.
Cap. M. D. Kobey. 1,441,434; Jan. 9.
Cap. C. Koppman. 1,466,475; Aug. 28.
Cap. S. Schanzer. 1,455,667; May 15.

Cap. J. and R. Smith. 1,448,093; Mar. 13.
Cap, Adjustable. M. Lebow. 1,461,623; July 10.
Cap, Adjustable. C. H. Mirus. 1,451,174; Apr. 10.
Cap and lamp attachment, Miner's. W. R. Scott, R. Dubinski, jr., and P. B. Magidson. 1,444,278; Feb. 6.
Cap and lamp connection, Miner's. C. H. Meister. 1,449,867. Mar. 27.
Cap attachment, Adjustable. J. Rosenzweig. 1,445,451; Feb. 13.
Cap, Container. G. B. Pickop. 1,447,320; Mar. 6.
Cap, Crimped. J. S. B. Smith. 1,476,472; Dec. 4.
Cap, Dust. E. B. Mang. 1,456,245; May 22.
Cap, Dust. G. W. Terry. 1,462,394; July 17.
Cap-feeding machine. C. T. Small. 1,446,591; Feb. 27.
Cap-feeding mechanism. A. L. Edwards and J. A. McGinnis. 1,465,897; Aug. 21.
Cap hanger, Display. H. A. Niebler. 1,471,191; Oct. 16.
Cap, Knit. I. G. Strauss. Des. 62,863; Aug. 7.
Cap or the like, Distributor. W. S. Harley. 1,459,671; June 19.
Cap or the like, Dust. E. V. Myers. 1,462,021; July 17.
Cap, Service entrance. C. H. Bissell. 1,446,821; Feb. 27.
Cap-spinning frame. J. H. Jones. 1,467,286–7; Sept. 4.
Cap spreader. A. P. Quenzer. 1,474,330; Nov. 13.
Cap wrench. G. B. Friday. 1,456,126; May 22.
Capping apparatus. W. V. Derby. 1,463,257; July 31.
Capping apparatus. W. V. Derby. 1,466,702; Sept. 4.
Capping machine. B. K. Ford. 1,448,026; Mar. 13.
Capping machine. C. Hammer. 1,440,983; Jan. 2.
Capping machine. C. E. Russell. 1,470,881; Oct. 16.
Capping machine. J. E. Tornquist. 1,453,212; Apr. 24.
Capping machine, Paper-can-. J. W. Holt. 1,464,654; Aug. 14.
Capping machines, Hopper for. R. G. Clark. 1,445,296; Feb. 13.
Caps and article produced thereby, Forming liners for metal. T. L. Taliaferro. 1,476,115; Dec. 4.
Caps, Forging insulator. C. W. Stover. 1,463,601; July 31.
Caps, hats, or other headgear, Head-protection attachment for. G. B. Knight. 1,456,183; May 22.
Caps upon safety-pin shanks, Device for fitting. H. Prym. 1,441,749; Jan. 9.
Cape, Beach. A. R. and L. P. Entrikin. 1,467,718; Sept. 11.
Capsule-counting machine. W. Wilkie. 1,460,778; July 3.
Capsule-filling machine. O. L. Hendricks. 1,465,518; Aug. 21.
Capsules, Container for coloring-agent. A. English. 1,474,248; Nov. 13.
Capsules or containers, Apparatus for filling and closing. H. V. R. Reed and R. H. Campbell. 1,440,745; Jan. 2.
Captive playing ball. C. F. Craig. 1,446,641; Feb. 27.
Car ambulance barrow, Motor-. W. F. Riemvis. 1,444,851; Feb. 13.
Car and tractor starter, Combined. F. E. Bean. 1,449,724; Mar. 27.
Car arrangement, Hopper-. H. S. Hart. 1,453,835; May 1.
Car, Articulated. H. M. Pflager. 1,452,526; Apr. 24.
Car, Articulated. H. M. Pflager. 1,459,250; June 19.
Car-axle boxes, Brass and packing guard for. H. D. Padget. 1,475,196; Nov. 27.
Car axles, Lubricating journal box for. H. V. Boddy. 1,462,736; July 24.
Car barn, Street-. W. F. Snohr. 1,449,202; Mar. 20.
Car body and collapsible top therefor, Motor-. J. Botella. 1,465,594; Aug. 21.
Car body, Side-. B. G. Wood. 1,478,316; Dec. 18.
Car bolster. F. W. Chriswell. 1,467,775; Sept. 11.
Car, Box. O. J. Parks. 1,463,173; July 31.
Car brake. R. N. Coats. 1,451,942; Apr. 17.
Car brake. F. C. and A. A. McKnight. 1,448,225; Mar. 12.
Car brake. J. W. Waters. 1,446,676; Feb. 27.
Car brake and car mechanism. S. C. Smith. 1,478,923; Dec. 25.
Car-brake mechanism, Holding device for. H. E. Anderson. 1,465,328; Aug. 21.
Car-brake-operating mechanism. W. D. Brewster. 1,444,104; Feb. 6.
Car brake, Railway-. S. A. Crone. 1,475,286; Nov. 27.
Car brake, Railway. C. T. Westlake. 1,444,018; Feb. 6.
Car brake system, Logging-. H. C. Jarvis. 1,467,795; Sept. 11.
Car cager, Automatic mine-. F. F. Brasche. 1,461,513; July 10.
Car, Calcine. A. G. McGregor. 1,450,980; Apr. 10.
Car, Cane. L. Almquist. 1,452,486; Apr. 24.
Car chassis, Side-. J. Goulding. 1,468,201; Sept. 18.
Car-check holder. R. C. Leitch. 1,462,015; July 17.
Car check lock, Mine-. M. L. Caretti. 1,444,330; Feb. 6.
Car, Child's. G. M. Lazear. 1,477,444; Dec. 11.
Car-cleaning apparatus. T. M. Hamer. 1,458,179; June 12.
Car, Compartment freight. A. H. Smith. 1,449,302–3; Mar. 20.
Car, Compartment freight. A. H. Smith. 1,451,632; Apr. 10.
Car construction. W. J. Bohan. 1,457,296; June 5.
Car construction. F. S. Gallagher. 1,468,630; Sept. 25.
Car construction. B. W. Kadel. 1,476,909; Nov. 13.
Car construction. J. O. Neikirk. 1,468,645; Sept. 25.
Car construction. J. A. Pilcher. 1,472,135; Oct. 30.
Car construction. R. F. Snyder. 1,440,418; Jan. 2.
Car construction. V. R. Willoughby. 1,470,415; Oct. 9.
Car construction and door-locking mechanism therefor, Dump-. A. Campbell. 1,464,746; Aug. 14.
Car construction, Dump-. W. J. Hosceit and D. Hindahl. 1,470,980; Oct. 16.
Car control and air-brake equipment, Safety. G. Macloskie. 1,445,902; Feb. 20.
Car-control equipment, Safety. C. C. Farmer. 1,456,268; May 22.
Car control, Gravity-. R. C. Lyttle. 1,442,282; Jan. 16.
Car-control mechanism, Automatic. J. Sutherland. 1,458,158; June 12.
Car-controlling mechanism. A. and J. Hackworth. 1,452,556; Apr. 24.
Car coupler. H. M. Brown. 1,462,190; July 17.
Car coupler. W. Kelso. 1,475,634–5; Nov. 27.
Car coupler. W. H. McCaffrey. 1,468,725; Sept. 25.
Car coupler. R. V. Tucker. 1,467,459; Sept. 11.
Car coupler. H. E. Van Dorn. 1,475,609; Nov. 27.
Car coupler, Mine-. P. J. Elliott and E. Bonamy. 1,469,434; Oct. 2.
Car coupler, Mine-. F. L. Peart and H. M. Jones. 1,472,990; Nov. 6.
Car-coupler-positioning device. F. F. Gaines. 1,464,247; Aug. 7.
Car-coupler uncoupling device, Railway-. I. Everett. 1,473,721; Nov. 13.
Car couplers, air lines, and electric circuits of railway cars, Control system for. H. E. Van Dorn. 1,475,610; Nov. 27.
Car couplers, Operating device for. V. E. Sisson. 1,474,796; Nov. 20.
Car couplers, Release rigging for railway. M. F. Cox. 1,469,292; Oct. 2.
Car couplers, Uncoupling device for. G. G. Gilpin. 1,474,193; Nov. 13.
Car coupling. H. M. Brown. 1,469,355; Oct. 2.
Car coupling. O. H. and F. H. Le Compte. 1,448,755; Mar. 20.
Car coupling. J. H. Eggers, jr. 1,461,769; July 17.
Car coupling. O. Hebert. 1,445,313; Feb. 13.
Car coupling. T. Hotchkiss. 1,441,090; Jan. 2.
Car coupling. R. E. L. Janney. 1,443,821; Jan. 30.
Car coupling. V. Picklo. 1,453,404; May 1.
Car coupling, Automatic. F. P. Flinn. 1,442,216; Jan. 16.
Car-coupling butts and yokes, Means for connecting. T. E. House. 1,447,850; Mar. 6.
Car coupling head. J. H. Funk. 1,442,564; Jan. 16.
Car couplings, Emergency knuckle for. E. R. Packer. 1,443,965; Jan. 23.
Car couplings, Latch for railway-. W. F. Shaffer and B. Crutchfield. 1,454,083; May 8.
Car couplings, Locklift and uncoupling arrangement used with. C. M. Hannaford. 1,446,345; Feb. 20.
Car couplings, Pin lifter for. W. J. Knox. 1,448,275; Mar. 13.
Car, Covered dump. C. H. Clark and H. L. Beach. 1,466,469; Aug. 28.
Car, Cycle. A. Strothotte. 1,466,201; Aug. 28.
Car diaphragm. C. W. Pflager. 1,450,007; Mar. 27.
Car door. A. R. Cooper and H. J. Carthy. 1,448,287; Mar. 13.
Car door. C. A. Clark. 1,476,950; Dec. 11.
Car door. L. A. Hoerr. 1,458,413; June 12.
Car door. S. H. Lovett. 1,467,248; Sept. 4.
Car door. O. Momb. 1,473,829; Nov. 13.
Car door. J. Montgomery. 1,476,168; Dec. 4.
Car door. C. C. Murphy. 1,467,061; Sept. 4.
Car door. H. C. Priebe. 1,451,960; Apr 17.
Car door. H. Rhobecker. 1,461,678; July 10.
Car door. E. W. Test. 1,444,987; Feb. 13.
Car door. S. T. Walkup. 1,473,328; Nov. 6.
Car door. W. E. Wine. 1,451,001–2; Apr. 10.
Car-door arrangement, Railway-. H. S. Hart. 1,446,621; Feb. 27.
Car door, Box-. R. A. Bowen. 1,468,796; Sept. 25.
Car door, Box-. G. M. DeVilbiss. 1,476,326; Dec. 4.
Car door, Box-. M. H. Hubner. 1,464,936; Aug. 14.
Car door, Box-. D. Lee. 1,447,876; Mar. 6.
Car-door clamp. J. E. Cossairt. 1,459,764; June 26.
Car-door-control device. C. C. Farmer. 1,451,441; Apr. 10.
Car door, Dump-. G. G. Gilpin. 1,454,164; May 8.
Car door, Dump-. G. G. Gilpin. 1,464,317; Aug. 7.
Car door, Dump-. W. P. Murphy. 1,449,434; Mar. 27.
Car-door fastener. J. E. Blalock. 1,450,242; Apr. 3.
Car-door fastener. W. Kane. 1,457,737; June 5.
Car door, Freight. A. A. Larson. 1,458,832; June 12.
Car door, Freight. A. Christianson. 1,448,199; Mar. 13.
Car door, Freight-. J. L. Guerrant. 1,465,982; Aug. 28.
Car door, Freight-. J. L. Guerrant. 1,468,019; Sept. 18.
Car door, Freight-. J. L. Guerrant. 1,477,055; Dec. 11.
Car door, Grain-. W. M. Combs. 1,463,772; July 31.
Car door, Grain-. J. E. Drake. 1,450,842; Apr. 3.
Car door, Grain-. A. Pokorny. 1,463,724; July 31.
Car door, Grain-. H. M. Tenneson. 1,461,839; July 17.
Car-door hanger. T. R. Chandler. 1,455,044; May 15.
Car door, Hopper-. W. M. Sheehan. 1,450,615; Apr. 3.
Car-door latch, Dump-. H. S. Hart. 1,453,836; May 1.

Car-door-latching mechanism, Dump-. D. Hindahl. 1,454,786; May 8.
Car-door lock. F. L. Fisher. 1,442,563; Jan. 16.
Car-door lock. J. C. Fritts. 1,456,611; May 29.
Car-door lock. W. H. Lawrence. 1,453,510; May 1.
Car-door lock. R. Murray. 1,465,088; Aug. 14.
Car-door lock. W. E. Wine. 1,472,540; Oct. 30.
Car-door lock, Freight-. G. H. Fahrenbruch. 1,474,584; Nov. 20.
Car-door locking and releasing attachment, Dump-. H. S. Hart. 1,472,908; Nov. 6.
Car-door-locking device. W. E. Wine. 1,455,694; May 15.
Car-door-locking device. W. E. Wine. 1,472,539; Oct. 30.
Car-door-locking mechanism. J. H. Davis. 1,470,149; Oct. 9.
Car door, Mine-. E. F. Tubach. 1,443,857; Jan. 30.
Car-door opener. J. F. Fisk. 1,478,562; Dec. 25.
Car-door-operating mechanism. A. Campbell. 1,453,701; May 1.
Car-door-operating mechanism. A. Christianson. 1,444,730; Feb. 6.
Car-door-operating mechanism. C. C. Farmer. 1,450,149; Mar. 27.
Car door, Railway-freight-. A. R. Ayers and R. S. Miller. 1,475,917; Nov. 27.
Car door, Railway-freight-. C. E. Webster. 1,462,402; July 17.
Car-door roller. C. McGowan, G. Peterson, and A. A. Lund. 1,461,535; July 10.
Car-door seal. G. F. Hix. 1,446,462; Feb. 27.
Car-door stop and seal, Railway-. L. W. Boyd. 1,458,388; June 12.
Car doors, Emergency opener for. L. P. Hynes. 1,440,605; Jan. 2.
Car doors, Link latch for dump. H. S. Hart. 1,449,994; Mar. 27.
Car doors, Lock for freight-. F. Mathews. 1,462,916; July 24.
Car doors, Seal for box-. J. E. McInnis. 1,476,092; Dec. 4.
Car, Double-tier multiple-unit tank. M. Mauran. 1,453,476; May 1.
Car, Dump. A. Campbell. 1,446,244; Feb. 20.
Car, Dump. A. Campbell. 1,455,520; May 15.
Car, Dump. G. G. Gilpin. 1,456,978; May 29.
Car, Dump. H. S. Hart. 1,461,732; July 17.
Car dump, Kick-back. C. B. Anfindsen. 1,453,331; May 1.
Car dump, Rotary. E. L. Bailey. 1,465,661; Aug. 21.
Car dumper. L. C. Hill. 1,446,303; Feb. 20.
Car, Dumping. G. L. Hancock. 1,452,198; Apr. 17.
Car, Dumping. F. R. Steven. 1,442,187; Jan. 16.
Car-dumping apparatus. C. C. Smith. 1,456,256; May 22.
Car-dumping apparatus. P. D. Wright. 1,478,723; Dec. 25.
Car-dumping device. J. Scalneck. 1,442,300; Jan. 16.
Car-dumping machine. M. D. Jones. 1,452,606; Apr. 24.
Car, Dumping mine. O. W. and E. H. Crooks. 1,456,054; May 22.
Car-dumping platform. C. C. Smith. 1,457,754; June 5.
Car end. W. D. Thompson. 1,457,916; June 5.
Car end and manufacturing the same, Corrugated metallic. C. S. Smith. 1,476,731; Dec. 11.
Car-end construction. I. Everett. 1,463,773; July 31.
Car-end construction. W. D. Thompson and A. R. Wilson. 1,461,883; July 17.
Car end, Corrugated-metal. W. E. Van Dorn. 1,460,738; July 3.
Car end, Corrugated-sheet-metal. W. P. Murphy. 1,456,705; May 29.
Car end, Metal. W. E. Van Dorn. 1,465,501; Aug. 21.
Car end, Metal. W. E. Van Dorn. 1,475,611; Nov. 27.
Car end, Plate-metal. H. S. Hart. 1,451,948; Apr 17.
Car end wall, Railway-. V. E. Sisson. 1,440,638; Jan. 2.
Car end, Reinforced. H. E. Van Dorn. 1,471,932; Oct. 23.
Car, Endless-track motor. E. Schneider. 1,474,918; Nov. 20.
Car ends, Means for attaching steel. W. E. Van Dorn. 1,461,201; July 10.
Car fender. A. J. Thornley. 1,440,423; Jan. 2.
Car, Folding push. G. Thomas. 1,450,193; Apr. 3.
Car for coaster railways. F. A. Church. 1,476,148; Dec. 4.
Car for containers, Automatically-locking flat. F. Eder. 1,471,111; Oct. 16.
Car for short logs, Logging. F. W. Chriswell. 1,451,940; Apr. 17.
Car framing, Composite. B. W. Kadel. 1,463,703; July 31.
Car, Freight. A. H. Smith. 1,451,633; Apr. 10.
Car, General service. W. J. Hosceit. 1,445,887; Feb. 20.
Car, General-service railway. W. J. Roa. 1,470,390; Oct. 9.
Car generators, Driving connection for railway-. P. Parke. 1,475,241; Nov. 27.
Car grain doors, Protector for. H. S. Eckhouse. 1,463,010; July 24.
Car, Hand. O. B. Gaudin. 1,450,846; Apr. 3.
Car, Hand. A. B. Woodson and W. Ferril. 1,461,593; July 10.
Car hand brake. J. F. O'Connor. 1,446,202; Feb. 20.
Car handling and dumping system. R. Peale. 1,454,602; May 8.
Car-handling apparatus, Drier-. R. S. Bigelow. 1,469,376; Oct. 2.
Car-handling mechanism, Railway-. W. C. Richey. 1,478,676; Dec. 25.
Car-hauling mechanism. M. Hutton. 1,448,119; Mar. 13.
Car-hauling mechanism. M. Hutton. 1,477,124; Dec. 11.
Car, Hay. B. C. McWhorter. 1,443,712; Jan. 30.
Car heating, Motor-. A. Denman-Jones. 1,441,486; Jan. 9.
Car-heating system. W. L. Bliss. 1,440,655; Jan. 2.
Car-heating system. S. A. Reeve. 1,443,501; Jan. 30.
Car-heating system. K. A. Simmon. 1,472,143; Oct. 30.
Car-heating system, Automatic. E. A. Russell. 1,440,701; Jan. 2.
Car-holding mechanism. G. N. and A. M. Simpson. 1,465,006; Aug. 14.
Car, Hopper. A. Campbell. 1,474,814; Nov. 20.
Car, Hot-metal. E. J. Reilly. 1,471,205; Oct. 16.
Car jack, Hydraulic. H. Rehak. 1,450,114; Mar. 27.
Car journal bearing, Railway-. D. F. Hendricks. 1,478,566; Dec. 25.
Car-journal roller bearing, Railway-. K. F. Nystrom. 1,460,802; July 3.
Car leveler, Elevator-. E. B. Thurston. 1,477,156; Dec. 11.
Car, Load-discharging. A. Campbell. 1,465,756; Aug. 21.
Car loader. W. J. Duffey. 1,468,287; Sept. 18.
Car loader, Railway-. J. H. Johnson. 1,464,003; Aug. 7.
Car lock. A. Klein. 1,465,136; Aug. 14.
Car lock. F. Zeman. 1,459,812; June 26.
Car-locking device. H. Neumann. 1,448,672; Mar. 13.
Car-locking device, Dump-. J. H. Howard. 1,442,151; Jan. 16.
Car, Logging. F. W. Chriswell. 1,449,937; Mar. 27.
Car, Maximum capacity railway. D. Hindahl. 1,453,675; May 1.
Car, Mine. F. S. Barks. 1,460,696; July 3.
Car, Mine. M. E. Lohr. 1,450,637; Apr. 3.
Car, Mine. S. A. Worcester, J. L. Bruce, and L. S. Farnham. 1,448,103; Mar. 13.
Car, Monorail. T. H. Wright. 1,459,386; June 19.
Car, Motor. F. Mayer. 1,473,194; Nov. 6.
Car, Motor. J. K. Vanatta. 1,456,659; May 29.
Car, Motor. J. K. Vanatta. 1,469,741; Oct. 2.
Car mounting. E. A. Laughlin. 1,468,596; Sept. 18.
Car mounting and car-wheel assembly. E. F. Maas. 1,466,240; Aug. 28.
Car, Multiple-unit tank. M. Mauran. 1,453,475; May 1.
Car, Multiple-unit tank. M. Mauran. 1,458,588; June 12.
Car partition, Stock-. T. F. Walsh. 1,444,287; Feb. 6.
Car, Passenger. D. W. Harvey. 1,466,939; Sept. 4.
Car protective device, Refrigerator-. A. J. Denman and A. E. Causey. 1,454,883; May 15.
Car pusher. I. M. Abram. 1,478,627; Dec. 25.
Car, Railway. T. Elliott. 1,473,024; Nov. 6.
Car, Railway. T. Elliott. 1,476,960; Dec. 11.
Car, Railway. B. W. Kadel. 1,475,187; Nov. 27.
Car, Railway. W. P. Murphy. 1,441,739; Jan. 9.
Car, Railway. J. O. Neikirk. 1,446,627; Feb. 27.
Car, Railway. H. W. Sanford. 1,470,391; Oct. 9.
Car, Railway. V. E. Sisson. 1,440,636–7; Jan. 2.
Car, Railway. W. E. Wine. 1,460,009; June 26.
Car, Railway dump. E. L. Hale and H. G. Coulson. 1,468,350; Sept. 18.
Car, Refrigerating. G. T. Rohrback. 1,460,512; July 3.
Car refrigeration. J. P. Dowding. 1,478,471; Dec. 27.
Car, Refrigerator. R. H. McElroy. 1,444,474; Feb. 6.
Car register. F. Zimmermann. 1,446,369; Feb. 20.
Car replacer. F. D. McGinley. 1,460,973; July 3.
Car replacer. G. R. Owens. 1,447,482; Mar. 6.
Car replacer. J. A. Veazey. 1,461,589; July 10.
Car replacer. R. A. Walsh. 1,478,625; Dec. 25.
Car replacers, Holder for. W. H. Shumaker. 1,445,109; Feb. 13.
Car-replacing device. W. A. Hubbard. 1,458,059; June 5.
Car rerailer. H. J. Thomas. 1,466,035; Aug. 28.
Car-retarding brake mechanism for coal or ore car tipples. W. C. Richey. 1,446,584; Feb. 27.
Car roof. C. D. Bonsall. 1,449,161; Mar. 20.
Car roof. C. D. Bonsall. 1,450,243; Apr. 3.
Car roof. C. D. Bonsall. 1,456,531; May 29.
Car roof. C. D. Bonsall. 1,457,421; June 5.
Car roof. C. D. Bonsall. 1,458,385–6; June 12.
Car roof. C. D. Bonsall. 1,460,568; July 3.
Car roof. C. D. Bonsall. 1,461,721; July 17.
Car roof. C. D. Bonsall. 1,478,632; Dec. 25.
Car roof. G. G. Gilpin. 1,456,731–2; May 29.
Car roof. G. C. Murray. 1,460,496; July 3.
Car roof. J. Pearson. 1,444,136–7; Feb. 6.
Car roof. W. P. Murphy. 1,472,187–9; Oct. 30.
Car roof, Metal. C. D. Bonsall. 1,459,436; June 19.
Car, Ropeway. Y. Tamamura. 1,458,921; June 12.
Car safety device. P. J. Simmen. 1,440,416; Jan. 2.
Car seal. B. Borland. 1,440,764; Jan. 2.
Car seal. W. K. Edgar. 1,454,217; May 8.
Car seal. M. J. Lins. 1,455,403; May 15.
Car seat. A. L. Lambert. 1,443,479; Jan. 30.
Car seat. E. C. Lang. 1,467,582; Sept. 11.

Car seat. R. F. Stubblebine. 1,440,899; Jan. 2.
Car seats, Indicator for. N. J. Ryan. 1,460,984; July 3.
Car, Self-propelled railway. E. M. Post, jr. 1,474,732; Nov. 20.
Car signal device. E. H. Hand. 1,461,352; July 10.
Car signal, Freight-. N. E. Hayward. 1,463,467; July 31.
Car signal, Passenger-. E. Sharpe. 1,471,286; Oct. 16.
Car skid, Mine-. T. L. Campbell. 1,460,885; July 3.
Car, Sport. C. J. Zwickey. 1,450,197; Apr. 3.
Car-spring mechanism, Motor-. N. S. McNab. 1,471,622; Oct. 23.
Car step. J. F. Kemp. 1,444,156; Feb. 6.
Car step, Auxiliary. P. Swanson and A. W. Carlson. 1,443,057; Jan. 23.
Car step, Auxiliary. P. Swanson and A. W. Carlson. 1,466,212; Aug. 28.
Car-step register. G. D. Onofrio. 1,443,272; Jan. 23.
Car step, Safety. F. D. Blake. 1,449,031; Mar. 20.
Car, Stock. J. H. Koon. 1,455,006; May 15.
Car stop. W. M. Osborn. 1,472,132; Oct. 30.
Car stop for side tracks, Detachable. J. Cummings. 1,444,169; Feb. 6.
Car structure, Dump-. J. R. Stovall. 1,465,375; Aug. 21.
Car structure, Metal. I. S. Downing. 1,455,867; May 22.
Car support, Coal-. W. G. Jamrog. 1,468,266; Sept. 18.
Car system. H. G. Hillman. 1,475,699; Nov. 27.
Car, Tank. W. K. Auchincloss. 1,452,487; Apr. 24.
Car, Tank. A. M. Nelson. 1,472,488; Oct. 30.
Car, Trackman's. P. Clifford. 1,478,637; Dec. 25.
Car trailers, Safety device for street-. J. S. Barnette, jr. 1,473,718; Nov. 13.
Car transmission control, Motor-. F. H. De Brun. 1,448,954; Mar. 20.
Car, Touring and camping. R. A. Wilson. 1,460,464; July 3.
Car truck. W. S. Adams. 1,443,668; Jan. 30.
Car truck. W. S. Adams. 1,458,673–4; June 12.
Car truck. G. S. Chiles. 1,452,187; Apr. 17.
Car truck. G. S. Chiles. 1,457,345; June 5.
Car truck. A. E. Noble. 1,470,869; Oct. 16.
Car truck. R. J. Scheibli, jr. 1,452,529; Apr. 24.
Car-truck arrangement, Railway-. G. G. Floyd. 1,475,179; Nov. 27.
Car-truck construction, Railway-. J. A. Lamont. 1,474,598; Nov. 20.
Car truck, Mining-. J. R. Fleming. 1,451,690; Apr. 17.
Car truck, Railway-. G. G. Floyd. 1,475,178; Nov. 27.
Car truck, Railway-. G. G. Floyd. 1,475,180; Nov. 27.
Car truck, Railway-. A. J. Kelley. 1,466,590; Aug. 28.
Car truck, Railway-. J. A. Lamont. 1,445,023; Feb. 13.
Car truck, Six-wheel. H. M. Pflager. 1,467,683–4; Sept. 11.
Car trucks, Brake mechanism for. W. S. Adams. 1,475,733; Nov. 27.
Car, Tunnel-kiln. H. D. Lillibridge. 1,473,152; Nov. 6.
Car-uncoupling device. E. R. Viberg. 1,450,341; Apr. 3.
Car under frame, Articulated. H. M. Pflager. 1,452,525; Apr. 24.
Car unit, Interchangeable. A. H. Smith. 1,477,723; Dec. 18.
Car unloader. J. C. French. 1,448,736; Mar. 20.
Car unloader. G. Manierre. 1,440,400; Jan. 2.
Car unloader. E. H. Messiter. 1,447,596; Mar. 6.
Car unloader. H. Richardson. 1,457,186; May 29.
Car unloader. E. O. Taliaferro. 1,450,313; Apr. 3.
Car unloader. F. E. Townsend. 1,463,302; July 31.
Car unloader, Box-. R. C. Francke. 1,473,815; Nov. 13.
Car unloader, Box. H. D. Pratt. 1,443,240; Jan. 23.
Car-unloading apparatus. O. Bieler. 1,469,246; Oct. 2.
Car-unloading apparatus. T. O'Donnell. 1,440,888; Jan. 2.
Car-unloading apparatus. G. N. Simpson. 1,465,005; Aug. 14.
Car ventilator. H. W. Leeds. 1,459,405; June 19.
Car-wall structure. G. W. Seidel. 1,449,451; Mar. 27.
Car wheel. W. R. Plitt and W. A. Lloyd. 1,459,691; June 19.
Car-wheel boxing and oiling device. A. W. Minney. 1,453,158; Apr. 24.
Car-wheel clamp, Railway-. C. Mitchell. 1,462,294; July 17.
Car wheel, Lubricating mine-. J. M. Cameron. 1,444,234; Feb. 6.
Car wheel, Mine-. F. W. Henrikson. 1,454,640; May 8.
Car wheels, Bushing for. E. B. Mead. 1,466,137; Aug. 28.
Car wheels, Making steel or semisteel. W. C. Klein. 1,473,480; Nov. 6.
Car wheels, Mounting for mine-. A. R. Andersen. 1,459,134; June 19.
Cars, Advertising-sign display equipment for passenger. J. C. Soenksen. 1,471,216; Oct. 16.
Cars, Air brake for motor-propelled rail. F. L. Lipcot, C. F. Drumm, jr., and M. C. Frins. 1,466,452; Aug. 28.
Cars and like vehicles, Device for aligning the wheels of motor. A. King. 1,449,289; Mar. 20.
Cars and other vehicles, Suspension of motor. A. Diaz. 1,459,287; June 19.
Cars and the like, Apparatus for preventing the bursting by freezing of radiators for motor. G. E. Jonsson. 1,465,134; Aug. 14.
Cars and the like, Means for use in operating electric. E. J. Futterer. 1,446,172; Feb. 20.
Cars and the like, Ventilating window for passenger. H. B. Trout. 1,457,949; June 5.
Cars and the like, Wind screen for motor. R. Brandts. 1,448,785; Mar. 20.
Cars, Apparatus for loading and unloading railway. H. H. Baughan and E. C. Gaines. 1,451,748; Apr. 17.
Cars, Apparatus for preventing the stealing of motor. M. A. Hamon. 1,452,240; Apr. 17.
Cars, Armament for mail and express. E. A. Gross. 1,453,792; May 1.
Cars, Articulated. C. T. Westlake. 1,456,839; May 29.
Cars, Auxiliary closure for doorways of freight. W. W. Booth. 1,469,914; Oct. 9.
Cars, Bearing box for mine. W. R. Miller. 1,457,384; June 5.
Cars, Brake head and shoe for railway. O. Kongsrud. 1,451,914; Apr. 17.
Cars, Brake rigging for rail. M. C. Frins and C. F. Drumm, jr. 1,472,360; Oct. 30.
Cars, Bull board for cattle. F. J. S. Miely. 1,473,494; Nov. 6.
Cars, bumpers, etc., Kinetic-energy-transforming means for. F. E. Stebbins. 1,461,788; July 17.
Cars, Cast-steel hopper for hopper-bottom. H. P. Anderson. 1,444,443; Feb. 6.
Cars, Center drive for gasoline-propelled. C. R. Manbert. 1,462,713; July 24.
Cars, Changeable exhibitor for. D. A. Kleiman. 1,472,008; Oct. 23.
Cars, Check holder for mining. H. C. Stalder. 1,441,539; Jan. 9.
Cars, Clip for ropeway. Y. Tamamura. 1,467,739; Sept. 11.
Cars, Collapsible guard lookout station for railway. F. Hedley and J. S. Doyle. 1,449,403; Mar. 27.
Cars, Construction and repair of railway. A. M. McGill. 1,460,069; June 26.
Cars, Contact shoe for the third rail of electric. W. A. U. and G. U. Seltzer. 1,446,106; Feb. 20.
Cars, Controlling mechanism for dump. J. D. Benbow. 1,456,049; May 22.
Cars, Controlling mechanism for dump. J. D. Benbow. 1,477,747; Dec. 10.
Cars, Corrugated-metal end for freight. V. E. Sisson. 1,450,233; Apr. 3.
Cars, Corrugated steel end for gondola. W. E. Van Dorn. 1,464,517; Aug. 14.
Cars, Coupler for railway. T. P. McCollister. 1,475,127; Nov. 20.
Cars, Coupling for railway. M. K. Carr. 1,450,248; Apr. 3.
Cars, Differential gear for motor. P. Böttcher, jr. 1,476,044; Dec. 4.
Cars, Door for freight. L. H. Banks. 1,462,565; July 24.
Cars, Door for grain. C. E. Wood. 1,469,350; Oct. 2.
Cars, Double-door construction for railway. G. G. Gilpin. 1,461,035; July 10.
Cars, Draft gear for railway. H. I. Wrigley. 1,462,676; July 24.
Cars, Driving mechanism for motor. A. F. Baker. Re15,711; Oct. 30.
Cars, Dumping mechanism for dump. R. H. Starbird. 1,466,970; Sept. 4.
Cars, Electric coupling for. H. H. Westinghouse. 1,453,817; May 1.
Cars, End reenforcement for railway box. E. E. Schlesinger. 1,473,743; Nov. 13.
Cars, etc., Safety brake for. S. A. Crow. 1,462,741; July 24.
Cars, Gasoline-line lock for. R. H. Brown. 1,449,378; Mar. 27.
Cars, Grain door for freight. A. L. Wood. 1,442,553; Jan. 16.
Cars, Hand brake for railway. R. W. Burnett. 1,459,650; June 19.
Cars, Hand brake for railway. W. A. Geiger. 1,446,249; Feb. 20.
Cars, Hand brake for railway. S. B. Haseltine. 1,469,084; Sept. 25.
Cars, Hand brake for railway. F. B. Townsend. 1,446,226–7; Feb. 20.
Cars, Heating and ventilating means for motor-propelled. L. C. Josephs, jr., and L. H. Cutten. 1,440,781; Jan. 2.
Cars, Heating system for railway. E. A. Russell and H. G. Geissinger. 1,440,700; Jan. 2.
Cars, Heating system for railway. E. A. Russell and H. G. Geissinger. 1,440,702; Jan. 2.
Cars in mines, Method and means for handling. M. Stufflebeam. 1,472,696; Oct. 30.
Cars, Intermediate wind screen for motor. R. Colombino. 1,467,531; Sept. 11.
Cars, Invisible baggage guard for motor. T. Daines. 1,461,972; July 17.
Cars, Kinetic-energy-transforming means for. F. E. Stebbins. 1,461,787; July 17.
Cars, Loading. O. O. Eaton. 1,442,259; Jan. 16.
Cars, Loading apparatus for gasoline tank. W. T. Simpson. 1,474,297; Nov. 13.
Cars, Locking device for mine. J. P. Miller. 1,452,923; Apr. 24.

Cars, Means for opening grain doors of. J. A. Peterson. 1,475,552; Nov. 27.
Cars, motor vehicles; cycle, gas, oil, and steam engines, Means for silencing explosion noises connected with motor. F. Heather. 1,474,115; Nov. 13.
Cars or other vehicles, Spring cover for motor. W. F. Cottrell 1,454,106; May 8.
Cars, Pedestal and wear plate for railway. E. Posson. 1,476,463; Dec. 4.
Cars, Pipe-clamp-supporting mechanism for railway. W. Kelso. 1,447,726; Mar. 6.
Cars, Plant for the supervision of the circulation lubrication on power. M. Rall. 1,460,500; July 3.
Cars, Power brake for railway. A. E. Borges. 1,457,766; June 5.
Cars, Process and means for switching railway. F. W. Eagelston. 1,460,325; June 26.
Cars, Pull mechanism for railway. C. V. Rote. 1,451,178; Apr. 10.
Cars, Recording device for railway. J. H. Ladd. 1,467,643; Sept. 11.
Cars, Running-board-supporting bracket or saddle for the roofs of box. W. E. Williams. 1,467,743; Sept. 11.
Cars, Safety brake-operating means for freight and passenger. S. P. Pietszak. 1,466,958; Sept. 4.
Cars, Safety device against the theft of motor. A. and V. Lauritzen. 1,463,218; July 31.
Cars, Safety device for elevator. H. S. Snead. 1,463,297; July 31.
Cars, Safety steering device for. H. F. Matson. 1,478,241; Dec. 18.
Cars, Self-coupling for mine. J. Whewell and H. I. Yoder. 1,454,201; May 8.
Cars, Sheet-metal end for railway. G. G. Gilpin. 1,450,255; Apr. 3.
Cars, Sheet-metal window screen for railway. W. W. Watson. 1,473,982; Nov. 13.
Cars, Shield for side. G. W. Berger and C. Jedele. 1,457,891; June 5.
Cars, Signal for motor. J. W. Brinley. 1,477,104; Dec. 11.
Cars, Sliding base for belt-driven motor. W. F. Kasper. 1,440,392; Jan. 2
Cars, Speed-control apparatus for railway. C. A. Richmond. 1,469,268; Oct. 2.
Cars, Spring bumper for mine. M. T. Kitchen. 1,450,041; Mar. 27.
Cars, Steel end for gondola. W. E. Van Dorn. 1,464,518; Aug. 14.
Cars, Striking plate and coupler carrier for railway. G. W. Rink. 1,470,877; Oct. 16.
Cars, Support for tops of motor. F. J. Joyner. 1,444,838; Feb. 13.
Cars, Timer elevator for Ford. V. W. Thomas. 1,460,806; July 3.
Cars, Tool-box attachment for motor. A. W. Lovejoy. 1,459,337; June 19.
Cars, Trap for refrigerator. P. S. Dougherty. 1,456,428; May 22.
Cars, Truck and push pole for switching. J. R. Wesley. 1,453,218; Apr. 24.
Cars, Truck frame for railway. E. M. Ivie. 1,463,893; Aug. 7.
Cars, Underframe for. R. R. Weaver. 1,456,203; May 22.
Cars, Unloading mechanism for freight. C. H. Montgomery. 1,452,649; Apr. 24.
Cars, Ventilating apparatus for Pullman. E. A. Robinson. 1,463,294; July 31.
Cars, Wheel mounting for motor-propelled railway. A. F. Masury. 1,451,267; Apr. 10.
Carbazole and p-nitrosophenol and its derivatives, Manufacture of condensation products from. W. Lewcock and S. B. Tallantyre. 1,465,853; Aug. 21.
Carbide and the like, Container or receptacle for. J. C. King. 1,453,508; May 1.
Carbide article and making same, Ceramic bonded. M. F. Beecher and M. C. Booze. 1,444,162; Feb. 6.
Carbide container. E. Israel. 1,471,793; Oct. 23.
Carbide-feeding apparatus. E. H. Smith. 1,478,405; Dec. 25.
Carbide, Material for the production of. J. H. Reid. 1,445,644; Feb. 20.
Carbides of sodium and boron, Producing. C. E. Parsons. 1,473,510; Nov. 6.
Carbon bisulphide, Manufacture of. A. E. Delph. 1,454,708; May 8.
Carbon black, Making. J. W. Martin, jr. 1,477,511; Dec. 11.
Carbon black, Special. R. H. Brownlee and R. H. Uhlinger. 1,478,730; Dec. 25.
Carbon bodies, Graphitizing preformed. E. Szarvasy. 1,470,300; Oct. 9.
Carbon catalyst. C. B. Jacobs. 1,462,752; July 24.
Carbon dioxide, Utilizing impure gases or exhaust gases containing. F. Riedel. 1,458,595; June 12.
Carbon electrodes, Manufacture of. S. E. Sieurin. 1,456,495; May 22.
Carbon from metal pipes, Removing. C. J. Greenstreet. 1,470,359; Oct. 9.
Carbon, Method and apparatus for producing. C. Matlock. 1,458,351; June 12.
Carbon-monoxide burner. A. F. Tardie. 1,470,336; Oct. 9.
Carbon, Producing. H. E. Sturcke. 1,465,954; Aug. 28.
Carbon remover. W. F. Brand and E. O. Quarnstrom. 1,473,605; Nov. 13.
Carbon remover. H. W. Eastman. 1,455,574; May 15.
Carbonaceous material, apparatus for hydrogenating. T. Ulke. 1,449,875; Mar. 27.
Carbonaceous material, Art of and apparatus for hydrogenerating. T. Ulke. 1,445,423; Feb. 13.
Carbonaceous or other materials, Retort for the treatment of. F. D. Marshall. 1,456,392; May 22.
Carbonates of the alkaline earth metals, Producing. J. H. MacMahon. 1,444,623; Feb. 6.
Carbonates or sulphides of barium or strontium into corresponding hydrates, Converting the. R. W. Shafor. 1,460,180; June 26.
Carbonating machine. J. Philippi. 1,447,884; Mar. 6.
Carbonator and draft arm for soda water. C. A. Geddes. Re15,575; Apr. 10.
Carbonization of woolen rags, combings, and the like, Apparatus for the. V. Piana. 1,448,038; Mar. 13.
Carbonizing compound and making and using it. S. B. Mathewson and W. K. Jamison. 1,471,563; Oct. 23.
Carbonizing furnace. N. Olsen. 1,463,438; July 31.
Carbonizing machine. W. W. Latta. 1,476,988; Dec. 11.
Carbons and other adsorbing materials, Employing decolorizing. J. F. Brewster and W. G. Raines, jr. 1,447,461; Mar. 6.
Carbonyl derivatives of alpha naphthol and making same. G. de Montmollin and J. Spieler. 1,474,928; Nov. 20.
Carboy. F. E. Hodes. 1,452,971; Apr. 24.
Carboys, Shipping box for. C. S. Weatherby. 1,476,559; Dec. 4.
Carburant for alcohol. J. M. A. Chevalier, P. Bourcet, and H. Regnault. 1,469,148; Sept. 25.
Carbureting air, Apparatus for. A. S. Beavon. 1,465,890; Aug. 21.
Carbureting device. L. T. Thurber. 1,447,445; Mar. 6.
Carburetor. K. A. Ackley. 1,461,470; July 10.
Carburetor. A. Aeberli and W. Dreyer. 1,461,104; July 10.
Carburetor. F. E. Baldwin. 1,452,488; Apr. 24.
Carburetor. B. Bannister. 1,465,574; Aug. 21.
Carburetor. M. J. B. Barbarou. 1,462,782; July 24.
Carburetor. A. C. Bennett. 1,463,034; July 24.
Carburetor. E. A. Bessom. 1,453,490; May 1.
Carburetor. C. P. Brockway. 1,456,219; May 22.
Carburetor. M. G. Chandler. 1,443,343; Jan. 30.
Carburetor. G. Christian. 1,466,789; Sept. 4.
Carburetor. D. Cole. 1,470,616; Oct. 16.
Carburetor. D. Cole and C. J. Gustafson. 1,461,970; July 17.
Carburetor. F. Corti. 1,448,055; Mar. 13.
Carburetor. B. M. Dawson. 1,468,358; Sept. 18.
Carburetor. C. de Lukacsevics and J. J. Wittal. 1,454,730; May 8.
Carburetor. E. P. du Pont. 1,466,704; Sept. 4.
Carburetor. J. B. Dutour. 1,473,720; Nov. 13.
Carburetor. E. E. Eckert. 1,455,134; May 15.
Carburetor. J. M. Flannery. 1,450,628; Apr. 3.
Carburetor. G. C. Farris. 1,478,895; Dec. 25.
Carburetor. C. E. Fleming. 1,476,701; Dec. 11.
Carburetor. W. M. Gentle. 1,473,182; Nov. 6.
Carburetor. D. A. Gormley and D. W. Reid. 1,457,112; May 29.
Carburetor. J. V. Henley. 1,458,578; June 12.
Carburetor. R. O. Henszey. 1,474,968; Nov. 20.
Carburetor. R. S. Hill. 1,472,834; Nov. 6.
Carburetor R. E. L. Janney. 1,466,557; Aug. 28.
Carburetor. E. A. Johnston. 1,464,713; Aug. 14.
Carburetor. E. Juillard. 1,441,858; Jan. 9.
Carburetor. H. V. Leahy. 1,445,328; Feb. 13.
Carburetor. G. B. Maegly. 1,465,449; Aug. 21.
Carburetor. W. R. McCulla. 1,473,113; Nov. 6.
Carburetor. E. H. Medén. 1,441,992; Jan. 9.
Carburetor. C. W. Mott. 1,440,930; Jan. 2.
Carburetor. A. T. Newman. 1,475,404; Nov. 27.
Carburetor. S. H. Page and J. B. Struble. 1,449,621; Mar. 27.
Carburetor. J. W. Parkin. 1,475,719; Nov. 27.
Carburetor. W. P. Pembroke. 1,444,426; Feb. 6.
Carburetor. W. P. Pembroke. 1,464,333; Aug. 7.
Carburetor. B. N. Pierce. 1,472,615; Oct. 30.
Carburetor. B. N. Pierce. 1,448,863; Mar. 20.
Carburetor. R. F. and W. R. Proctor. 1,467,067; Sept. 4.
Carburetor. G. L. Reichhelm. 1,456,515; May 29.
Carburetor. E. J. Simpson. 1,477,012; Dec. 11.
Carburetor. I. M. Smith and M. L. Fykse. 1,440,940; Jan. 2.
Carburetor. C. E. Summers. 1,450,762; Apr. 3.
Carburetor. F. R. Sunderman. 1,457,010; May 29.
Carburetor. F. R. Sunderman. 1,457,408; June 5.
Carburetor. R. M. Tangye. 1,471,220; Oct. 16.
Carburetor. F. H. Trego. 1,444,222; Feb. 6.
Carburetor. S. M. Udale. 1,443,601; Jan. 30.
Carburetor. C. J. Voegtle. 1,478,152; Dec. 18.
Carburetor. A. Wagner. 1,462,219; July 17.
Carburetor. F. W. Wakefield. 1,446,600; Feb. 27.
Carburetor. A. H. Webber. 1,452,451; Apr. 17.
Carburetor air choke. F. Underwood. 1,477,397; Dec. 11.
Carburetor attachment. C. D. Bowles. 1,456,213; May 22.
Carburetor attachment. J. W. Brown. 1,454,503; May 8.
Carburetor attachment. F. R. Harper. 1,449,101; Mar. 20.

Carburetor, Auxiliary. H. M. Lee. 1,456,025; May 22.
Carburetor, Coal-gas. H. Swartz. 1,447,737; Mar. 6.
Carburetor, Coal-gas. H. Swartz. 1,464,299; Aug. 7.
Carburetor, Coal-gas. H. Swartz. 1,478,981; Dec. 25.
Carburetor, Combustion-chamber. A. P. Pelser. 1,451,629; Apr. 10.
Carburetor control. W. C. Jeffres. 1,445,397; Feb. 13.
Carburetor control. J. W. Swan. 1,462,725; July 24.
Carburetor control and indicator, Automatic. S. E. Foreman. 1,475,380; Nov. 27.
Carburetor control, Automatic. W. J. Spiro. 1,462,945; July 24.
Carburetor-control device. H. J. Fairchild. 1,464,601; Aug. 14.
Carburetor-controlling device. F. Forney and R. H. Hoff. 1,461,521; July 10.
Carburetor for internal-combustion engines. L. T. Godfrey-Evans. 1,470,820; Oct. 16.
Carburetor for internal-combustion engines. A. E. Hartwell. 1,456,502; May 29.
Carburetor-locking device. C. R. Bowman and C. E. Yates. 1,475,275; Nov. 27.
Carburetor, Multifluid. G. G. Westerfield. 1,470,659; Oct. 16.
Carburetor, Multiple-jet. M. Fritz. 1,449,664; Mar. 27.
Carburetor, Vacuum. E. L. Meisinger. 1,472,660; Oct. 30.
Carburetor vacuum tank. W. E. Almes. 1,442,511; Jan. 16.
Carburetor, Vortex-type updraft. R. F. and O. H. Ensign. 1,477,946; Dec. 18.
Carburetors, Air-washing attachment for. J. L. Wells. 1,452,231; Apr. 17.
Carburetors, Device for feeding moist air and steam to. C. V. McCarley. 1,470,692; Oct. 16.
Carburetors, Electric heating attachment for. J. E. Godman and J. M. Garr. 1,463,774; July 31.
Carburetors, Heater for. G. L. Herrin. 1,445,511; Feb. 13.
Carburetors, Thermostatic control mechanism for. F. S. Lack. 1,474,532; Nov. 20.
Carburizing hollow articles. H. W. McQuaid. 1,459,409; June 19.
Carburizing material and making same. L. Aeby. 1,454,612; May 8.
Carcass-cutting device. D. I. Rendlich. 1,465,866; Aug. 21.
Cardcase. W. G. H. Cook. 1,467,838; Sept. 11.
Cardcase. C. B. Cook. 1,470,709; Oct. 16.
Cardcase. P. A. Gardner. 1,463,619; July 31.
Cardcase. S. A. Turner. 1,448,777; Mar. 20.
Card and tag holder. B. H. Börreson. 1,478,598; Dec. 25.
Cardboard box. A. Nelson. 1,478,791; Dec. 25.
Card, Collapsible display. J. H. Nash. 1,467,624; Sept. 11.
Card cut-out. Z. B. Webb. 1,473,800; Nov. 13.
Card device, Revolving. C. E. Shaw. 1,466,252; Aug. 28.
Card, Display. C. B. Kellogg. 1,457,306; June 5.
Card, Display. C. B. Kellogg. 1,463,585; July 31.
Card, Display. C. G. King. Des. 63,105; Oct. 2.
Card-display frame. B. Lundberg. 1,470,856; Oct. 16.
Card feeders, Adjustable feed-roll journal for. J. B. Howe. 1,462,203; July 17.
Card feeders, Clutch brake for. J. B. Howe. 1,465,670; Aug. 21.
Card-filing device, Record-. A. M. Martin. 1,469,798; Oct. 9.
Card, Foldable. Z. Auerbach. 1,457,135; May 29.
Card guide, Index-. I. Wagemaker. 1,444,404; Feb. 6.
Card holder. W. F. Dinsmore. 1,457,885; June 5.
Card holder. J. J. Lee. 1,442,674; Jan. 16.
Card holder. R. E. Oakes. 1,475,134; Nov. 20.
Card holder. M. B. Orrick. Des. 62,109; Mar. 20.
Card holder, Advertising-. Z. E. Russell. 1,470,486; Oct. 9.
Card holder, File-. J. J. Jennings. 1,468,473; Sept. 18.
Card holder, Mass-. V. E. Cook and L. R. H. Burton. Des. 62,772; July 31.
Card holder, Menu-. M. W. Battle. 1,464,021; Aug. 7.
Card holder, Menu-. B. E. Lawrence. 1,444,193; Feb. 6.
Card index. J. C. Russell. 1,454,791; May 8.
Card-index apparatus. R. J. Davies. 1,467,357; Sept. 11.
Card-index systems, Alphabetical divider for. G. H. Dawson. 1,475,568; Nov. 27.
Card indexes and the like, Tab of guide cards for. M. Goitre. 1,451,214; Apr. 10.
Card-making machine. A. S. Trew and F. A. Bullington. 1,441,385; Jan. 9.
Card or placard holder. J. C. Hubbard and A. F. Winn. 1,465,219; Aug. 14.
Card-perforating machine. J. H. Gault. 1,472,829; Nov. 6.
Card, Place. S. B. Freiberg. 1,445,675; Feb. 20.
Card-punching machine. J. H. Gault. 1,473,618; Nov. 13.
Card rack. H. M. Lawton. 1,473,821; Nov. 13.
Card register. J. Klatt. 1,459,538; June 19.
Card, Sample. C. H. Goldman. 1,469,081; Sept. 25.
Card, Shipping. R. C. Bender. 1,448,992; Mar. 20.
Card-sorting machine. F. C. Rinsche. 1,457,124; May 29.
Card-sorting machine. E. B. Whittlesey. 1,449,078; Mar. 20.
Card-spreading device. P. E. Fleming. 1,476,157; Dec. 4.
Card, Stock. R. H. Reed. 1,465,527; Aug. 21.
Card-stringing machine. D. T. Kendrick. 1,475,395; Nov. 27.
Card, Time. E. R. Crockett. 1,450,063; Mar. 27.
Card, Time. G. W. Odell. 1,464,330; Aug. 7.
Cards and the like, Method and means for making show. W. C. Graham and J. F. Rasmussen. 1,472,973; Nov. 6.
Cards, Deck of playing. A. A. Dean. Des. 63,287; Nov. 20.
Cards for recording statistical and other information, Container for. A. E. Vago. 1,459,455; June 19.
Cards for statistic or similar purposes, Machine for effecting slots in. K. E. L. Liedstrand. 1,459,407; June 19.
Cards, Playing. R. D. Haas. 1,448,441; Mar. 13.
Cards, Set of playing. B. B. Bley. Des. 62,466; June 12.
Cards, Vacuum apparatus for stripping. P. Kestner. 1,459,832; June 26.
Cargo carrier, Dumping. H. Van Scoy. 1,459,315; June 19.
Cargo-handling apparatus. W. Travell. 1,476,557; Dec. 4.
Cargo hook. O. J. McGowan. 1,449,364; Mar. 20.
Carding machine. D. O. Pease. 1,444,638; Feb. 6.
Carding machines, Condensing apparatus for. J. H. Kovar, J. F. Schimek, and A. Cavedon. 1,469,005; Sept. 25.
Carding machines, Feeding and weighing device for. J. F. Schimek. 1,472,815; Nov. 6.
Carding machines, Rubber apron for. T. H. and G. W. Hunter. 1,461,527; July 10.
Carding machines, Rubbing apron for. T. H. and G. W. Hunter. 1,442,767; Jan. 16.
Carding machines, Stop mechanism for. C. H. Morris. 1,450,044; Mar. 27.
Carline. C. D. Bonsall. 1,461,704; July 10.
Carpet. D. Barkley. Des. 62,933; Aug. 28.
Carpet. A. H. Waldo. Des. 62,074–5; Mar. 13.
Carpet beater, Sanitary power-driven. R. C. Beekman. 1,449,491; Mar. 27.
Carpet-beating machine. M. Van Buren. 1,457,237; May 29.
Carpet machines, Pile-thread holder for pile-. F. Boyer. 1,444,580; Feb. 6.
Carpet sweeper. J. L. Shorrock. 1,468,215; Sept. 18.
Carpet-sweeper attachment. R. A. W. Wilner. 1,475,100; Nov. 20.
Carpet-rag looper. M. A. Sears. 1,451,409; Apr. 10.
Carpenter's implement. M. Vlas. 1,441,615; Jan. 9.
Carpenter's tool. J. L. Buck. 1,448,787; Mar. 20.
Carriage attachment, Baby-. A. La Plant. 1,467,811; Sept. 11.
Carriage, Baby. W. J. Egan. 1,475,375; Nov. 27.
Carriage, Baby. J. E. Froman. 1,443,020–1; Jan. 23.
Carriage brake, Baby-. R. C. Starbard. 1,450,873; Apr. 3.
Carriage clamp. P. Hammel. 1,444,912; Feb. 13.
Carriage, Collapsible baby. P. H. Dennen. 1,470,151; Oct. 9.
Carriage, Collapsible baby. M. S. Dunkelberger. 1,465,211; Aug. 14.
Carriage, Convertible baby. C. O. Robinson. 1,461,458; July 10.
Carriage, Coping. F. J. T. Bell. 1,454,206; May 8.
Carriage hoods, Supplemental cover for baby-. J. A. Mahr. 1,470,630; Oct. 16.
Carriage or collapsible cart, Baby. F. Pascboal. 1,442,733; Jan. 16.
Carriage runner, Convertible-baby-. A. N. Ladin. 1,454,749; May 8.
Carriage spring, Lamellar. R. Burger-Weber. 1,466,950; Sept. 4.
Carriages and doll carts, Hood for children's. A. W. Hawkinson. 1,453,871; May 1.
Carriages and the like, Sled attachment for. O. Nuoffer. 1,453,722; May 1.
Carriages, Detachable sleigh runner for baby. J. A. Mahr. 1,472,880; Nov. 6.
Carriages for effecting desired wheel pressure, Balancing device between two coupled. I. Broberg. 1,456,587; May 29.
Carriages, Hood mounting for baby. J. E. Froman. 1,446,341; Feb. 20.
Carriages, Runner attachment for wheeled. C. R. Ord. 1,450,024; Apr. 10.

Carrier: *See*—

Article carrier.
Automobile luggage carrier.
Baby carrier.
Ball carrier.
Basket carrier.
Berry carrier.
Braiding-machine carrier.
Bottle carrier.
Bundle carrier.
Cargo carrier.
Clothespin carrier.
Compact carrier.
Cotton-picker's bag carrier.
Curtain carrier.
Drawbar carrier.
Dustless carrier.
Egg carrier.
Film carrier.
Fruit carrier.
Fish and bait carrier.
Hay carrier.
Ice-cream cone carrier.
Lamp-shade carrier.
Litter carrier.
Luggage carrier.
Lumber carrier.
Lunch heater and carrier
Mail carrier.
Match carrier.
Merchandise carrier.

Carrier: *See*—
Message carrier.
Monorail carrier.
Parcel carrier.
Pulley-block carrier.
Reel carrier.
Runner carrier.
Slide carrier.
Tag carrier.
Tire carrier.
Tire-chain carrier.
Trace carrier.
Tube carrier.
Umbrella carrier.
Unit carrier.
Water carrier.
Watermelon carrier.

Carrier. A. V. Barto. 1,462,897; July 24.
Carrier. E. J. Dalton. 1,457,213; May 29.
Carrier apparatus. C. L. Riley. 1,457,938; June 5.
Carrier case and stand, Combined. A. S. Schechter. 1,474,170; Nov. 13.
Carrier circuits, Means for and method of testing multiplex. J. Davidson, jr. 1,445,759; Feb. 20.
Carrier equipment, Pocketed. C. F. Randall. 1,446,209; Feb. 20.
Carrier systems, Repeater apparatus for. L. Espenschied. 1,443,984; Feb. 6.
Carrier systems, Repeater apparatus for. H. S. Osborne. 1,473,682; Nov. 13.
Carrier-table attachment. J. P. Damm. 1,456,623; May 29.
Carrier-transmission-routing arrangement. H. A. Affel. 1,469,869; Oct. 9.
Carrier wave system, Duplex. J. S. Jammer. 1,448,408; Mar. 13.
Carriers, Means for controlling entrance into and from passenger. J. Hoffay. 1,442,431; Jan. 16.
Carrousel. P. and E. Adelson. 1,451,605; Apr. 10.
Carrousel. R. S. Uzzell. 1,455,128; May 15.
Carrousel attachment. K. F. W. Jaenecke. 1,478,743; Dec. 25.
Carrying and shipping case. L. W. Meckstroth. 1,456,703; May 29.
Carrying case, Messenger's safety. H. F. Johnson. 1,454,894; May 15.
Carrying harness. H. Fick. 1,473,477; Nov. 6.
Cart and like vehicle, Child's mail. J. G. Evans. 1,461,976; July 17.
Cart, Coal. F. Albert. 1,468,551; Sept. 18.
Cart, Combination harrow. F. H. Eyben. 1,442,389; Jan. 16.
Cart, Harrow. U. A. Pond. 1,443,589; Jan. 30.
Cart, Street-cleaning. M. J. Fitzgerald. 1,473,572; Nov. 6.
Cart, Wire. E. R. Sager. 1,461,939; July 17.
Carton. F. E. Beam. 1,460,124; June 26.
Carton. F. B. Davidson. 1,461,415; July 10.
Carton. S. Montegut. Des. 63,123; Oct. 9.
Carton. A. E. Snyder. 1,464,835; Aug. 14.
Carton. R. E. Tomlinson. 1,440,568; Jan. 2.
Carton-body-coating machine, Automatic. F. Coates. 1,474,997; Nov. 20.
Carton, Collapsible. W. P. Stubbs. 1,457,641; June 5.
Carton, Collapsible display. R. A. Lambert. 1,464,388; Aug. 7.
Carton, Counter. A. Seifert. 1,462,051; July 17.
Carton, Display. J. V. Horr. 1,457,305; June 5.
Carton, Display. J. V. Horr. 1,460,132; June 26.
Carton, Display. F. X. List. 1,448,138; Mar. 13.
Carton, Display. J. M. Woodman. 1,441,470; Jan. 9.
Carton, Display. J. M. Woodman. 1,444,049; Feb. 6.
Carton display cover, Cooky. J. R. Martin. 1,465,650; Aug. 21.
Carton filling or packing machine. R. P. De Vries. 1,445,431; Feb. 13.
Carton folding and filling machine. R. A. Jones. 1,472,364; Oct. 30.
Carton for fragile articles. M. Koppelman. 1,445,773; Feb. 20.
Carton for fragile articles. L. Mann and M. Koppelman. 1,473,635; Nov. 13.
Carton-head-coating machine, Automatic. F. Coates. 1,474,999; Nov. 20.
Carton lids, Clip for. C. Promislo. 1,473,871; Nov. 13.
Carton opener. W. G. Grimmer. 1,472,269; Oct. 30.
Carton-sealing machine. C. C. Gamm. 1,468,015; Sept. 18.
Carton-sealing machine. W. D. Kimball and A. E. Rideout. 1,467,045; Sept. 4.
Carton-sealing mechanism. M. J. Milmoe. 1,463,627; July 31.
Carton-mouth-coating machine, Automatic. F. Coates. 1,474,998; Nov. 20.
Carton to serve as retaining receptacle for merchandise. J. V. Horr. 1,442,067; Jan. 16.
Cartoning machine. J. E. Dungan. 1,474,514; Nov. 20.
Cartons, Apparatus for filling. R. W. Gearhart. 1,441,414; Jan. 9.
Cartons, boxes, and the like, Wrapper and sealer for bread. F. Streich. 1,472,096; Oct. 30.
Cartons, Method and apparatus for sealing. J. C. Thom. 1,468,333; Sept. 18.
Cartridge. E. M. Sweeley. 1,470,655; Oct. 16.
Cartridge adapted to be used as initial igniter, Carbon. A. Messer. 1,469,442; Oct. 2.
Cartridge belts, Machine for loading. J. H. Shaw. 1,456,154; May 22.
Cartridge, Blasting. G. Weber. 1,441,957; Jan. 9.
Cartridge box. F. B. Nofsinger. 1,455,803; May 22.
Cartridge, Dynamite. E. A. Hedin. 1,440,994; Jan. 2.
Cartridge, Explosive. S. Decker. 1,450,666; Apr. 3.
Cartridge holder. N. C. Keely. 1,464,659; Aug. 14.
Cartridge, Liquid-air blast. G. Weber. 1,450,621; Apr. 3.
Cartridge-loading press. P. M. Talcott. 1,463,603; July 31.
Cartridge magazine. I. N. Lewis. 1,462,972; July 24.
Cartridges capable of absorbing liquefied gases, Producing blasting. L. Lisse. 1,473,994; Nov. 13.
Cartridges, Machine for renewing. W. D. Fraser. 1,474,355; Nov. 20.
Carvacrol and thymol, Producing. R. H. McKee. 1,449,121; Mar. 20.
Carving or reproducing machine. N. Morici. 1,450,698; Apr. 3.
Carving tool. K. Thulander. 1,451,128; Apr. 10.
Case: *See*—
Autotable lunch case.
Bookcase.
Box cell case.
Brief case.
Brush-holding case.
Camera case.
Camp case.
Card case.
Carrying case.
Cigar case.
Cigarette case.
Crate case.
Coin case.
Display case.
Egg case.
File case.
Flash-light case.
Folding case.
Gauge case.
Instrument case.
Key case.
Map case.
Match case.
Packing case.
Refrigerated display case.
Safety-razor case.
Sample case.
Sewing case.
Shipping case.
Shoe case.
Show case.
Thermometer case.
Tire case.
Toilet case.
Transmission case.
Typewriting-machine case.
Vanity case.
Waterproof carrying case.
Waterproof cigarette case.
Wooden shipping case.

Case. G. Burroughs. 1,460,942; July 3.
Case. H. R. Haerr. 1,477,481; Dec. 11.
Case. E. L. Schumacher. 1,473,359; Nov. 6.
Case. H. S. G. Tinkler. 1,465,883; Aug. 21.
Case-emptying machine. S. M. Heulings. 1,454,051; May 8.
Case-filling machine. C. H. Wild. 1,443,157; Jan. 23.
Case hanger. W. C. Fraser. 1,473,699; Nov. 13.
Case hardening, Method of and apparatus for. W. W. Kemp. 1,472,367; Oct. 30.
Case lift, Automatic. R. A. Erslev. 1,459,722; June 26.
Case lock. M. Bretos y Claveria. 1,445,489; Feb. 13.
Casement and transom stay, and sash and door holder. G. H. Mobbs. 1,444,032; Feb. 6.
Case-shift mechanism. M. C. Crawley. 1,455,109; May 15.
Cases or similar receptacles, Fastening device for. W. J. Jaggers. 1,455,253; May 15.
Cases, Refill for vanity. W. Lindenmayer. 1,456,453; May 22.
Cash box. M. Kamenstein. 1,470,749; Oct. 16.
Cash box. L. G. Price. 1,457,227; May 29.
Cash register. E. Breitling and E. Ostemeyer. 1,463,185; July 31.
Cash registers or calculating machines, Zeroizing device for. E. Breiting. 1,477,536; Dec. 18.
Cashier protector. J. Babiarz. 1,462,781; July 24.
Casing and cementing the same, Setting. W. B. Reed. 1,459,990; June 26.
Casing and tubing hook. W. C. Bailey. 1,457,648; June 5.
Casing clamp. T. E. Robinson. 1,465,485; Aug. 21.
Casing connector. F. H. Hatfield. 1,447,132; Feb. 27.
Casing-coupling remover. C. E. McGee. 1,442,626; Jan. 16.
Casing cutter. A. Dix. 1,460,894; July 3.
Casing cutter, overshot, and milling tool, Combination. W. H. Jones and M. Kinnebrew. 1,454,819; May 8.
Casing elevator. F. M. Blair. 1,451,199; Apr. 10.
Casing elevator. J. D. Gibbs. 1,460,018; June 26.
Casing head. C. S. Clarke. 1,462,131; July 17.
Casing head. C. S. Clarke. 1,469,894; Oct. 9.
Casing with detachable treads, Divided. R. Wright. 1,465,889; Aug. 21.
Casings, Means for preventing the escape of lubricant from. H. E. Rhoads. 1,446,068; Feb. 20.
Casings, Supporting device for. S. Rasmussen. 1,476,542; Dec. 4.
Cask bung. A. Radó, M. Mayer, and L. von Egerházy. 1,472,776; Oct. 30.
Casket. F. H. Charlesworth. 1,451,009; Apr. 10.
Casket. W. J. Riley. 1,459,749; June 26.
Casket. G. A. Wendt. Des. 62,369; May 15.
Casket, Burial. W. J. Bien. 1,471,023; Oct. 16.
Casket, Burial. R. D. Cook. 1,471,244; Oct. 16.
Casket cover and grave liner. J. D. Reed. 1,472,091; Oct. 30.
Casket handle. F. B. Aston. 62,358; May 15.
Casket handle. H. W. Hodgetts. Des. 63,225–6; Nov. 6.
Casket handle. E. R. Sargent. 1,457,859; June 5.
Casket handle. B. A. Utter. 1,448,169; Mar. 13.
Casket protector. G. A. Cunning. 1,454,427; May 8.
Casket support. J. E. Jones. 1,468,111; Sept. 18.
Caskets, Illuminating device for burial. D. E. Brown. 1,457,650; June 5.
Caskets or the like in shipping receptacles, Means for holding burial. R. F. Paden. 1,464,216; Aug. 7.
Casserole holder. J. M. Dillmeier. 1,465,464; Aug. 21.

Alphabetical list of inventions—Continued.

Caster. L. M. Beebe. 1,451,250; Apr. 10.
Caster. C. H. Bryant and R. A. Osborn. 1,445,747; Feb. 20.
Caster. E. F. Fay. 1,458,812; June 12.
Caster. W. F. Herold. 1,463,266; July 31.
Caster. W. F. Herold. 1,471,660; Oct. 23.
Caster. J. A. Johnson. 1,465,044; Aug. 14.
Caster. J. Karpiej. 1,460,159; June 26.
Caster. H. R. Knaack. 1,454,119; May 8.
Caster. J. B. Meltz. 1,445,027; Feb. 13.
Caster. S. Schiff. 1,445,914; Feb. 20.
Caster. H. P. Weierman. 1,456,414; May 22.
Caster. W. Wingler and A. H. Miller. 1,467,744; Sept. 11.
Caster. J. S. Young. Re15,570; Apr. 3.
Caster, Adjustable. J. Carlson. 1,457,617; June 5.
Caster bracket. W. F. Herold. 1,468,293; Sept. 18.
Caster bracket. F. L. Rowntree. 1,442,097; Jan. 16.
Caster, Roller-bearing. F. L. Rowntree. 1,458,778; June 12.
Caster socket, Top-bearing. N. C. Johnson. 1,466,531; Aug. 28.
Caster sockets from furniture, Removing. W. F. Herold. 1,472,833; Nov. 6.
Caster, Spherical ball-bearing. S. Stevens. 1,440,641; Jan. 2.
Caster support, Leg-mount. W. H. Noelting. 1,473,379; Nov. 6.
Caster, Swivel. J. L. Chesnutt. 1,471,307; Oct. 16.
Caster, Thread-guard. H. C. Miller. 1,443,140; Jan. 23.
Casting. J. A. Dewire. 1,465,116; Aug. 14.
Casting and making metal castings, Metal. D. Cordino. 1,456,869; May 29.
Casting apparatus. J. H. Goss and E. L. Wolff. 1,456,231; May 22.
Casting apparatus. S. McFarland. 1,454,647; May 8.
Casting apparatus, Pressure. S. Brusa. 1,444,828; Feb. 13.
Casting articles of metal, Apparatus for. S. P. Marshall. 1,452,245; Apr. 17.
Casting brake blocks and the like, Mold for. W. E. Williams. 1,470,307; Oct. 9.
Casting die. C. M. Grey. 1,455,248; May 15.
Casting ingots and seal for ingot molds. J. R. Adams. 1,457,763; June 5.
Casting machine. W. T. Davis. 1,458,685; June 12.
Casting machine. J. A. McManus. 1,457,040; May 29.
Casting machine. P. E. Norris. 1,467,490; Sept. 11.
Casting machine. F. F. Schroder. 1,440,557; Jan. 2.
Casting machine. L. A. Storz. 1,469,282; Oct. 2.
Casting machine. S. J. Symmons. 1,449,459; Mar. 27.
Casting machine, Automatic die-. R. E. Byrd. 1,466,294; Aug. 28.
Casting machine, Centrifugal. L. Cammen. 1,445,385; Feb. 13.
Casting machine, Centrifugal. J. D. Hammond. 1,457,834; June 5.
Casting machine, Slug-. E. C. Dittman. 1,444,905; Feb. 13.
Casting machine, Type-line-. F. W. Neumayer. 1,462,298; July 17.
Casting machines, Cooling device for. J. L. Mauch. 1,467,902; Sept. 11.
Casting machines, Device for filling centrifugal. W. H. Millspaugh. Re15,601; May 15.
Casting machines, Liner for typographical. L. I. Wilmans. 1,467,967; Sept. 11.
Casting machines, Oiler for metal-. C. F. Faupel. 1,466,125; Aug. 28.
Casting machines, Safety attachment for type-slug-. C. Fadum. 1,475,007; Nov. 20.
Casting materials, Mold and process for. H. A. Myers. 1,454,066; May 8.
Casting metal bodies, Method of and apparatus for centrifugally. W. D. Moore. 1,471,052; Oct. 16.
Casting metal pigs or bars, Machine for. E. H. Acton. 1,472,623; Oct. 30.
Casting metals. H. A. Myers and A. D. Straw. 1,454,064; May 8.
Casting metals. J. M. Perry. 1,447,817; Mar. 6.
Casting metals and making and using the molds, Mold for. H. A. Myers. 1,454,065; May 8.
Casting metals, Apparatus for. N. K. B. Patch. 1,452,480; Apr. 17.
Casting metals, Art of and apparatus for. S. P. Marshall. 1,452,246; Apr. 17.
Casting mold. C. D. Pettis. 1,455,353; May 15.
Casting of metal ingots, Hot top for. B. H. Howard and E. J. Turner. 1,454,741; May 8.
Casting or molding pottery and like articles, Apparatus for. J. F. Gimson. 1,474,432; Nov. 20.
Casting oxidizable metals. A. Beck, K. Gersbach, and O. H. Weber. 1,463,609; July 31.
Casting rod. C. A. Obermaier. 1,473,507; Nov. 6.
Casting rolls, Method and apparatus for. W. H. Nichols. 1,455,091; May 15.
Casting steel frames. F. Briner. 1,474,888; Nov. 20.
Castings, Apparatus for making chilled. J. Buchanan. 1,477,423; Dec. 11.
Castings, Apparatus for shaking out. H. C. Watson. 1,460,085; June 26.
Castings, Gating. J. F. Dieter. 1,458,222; June 12.
Castings, Heat treatment of light. S. Apgar. 1,462,460; July 17.
Castings, Making metal. D. Cordino. 1,456,868; May 29.
Castings, Mechanism for machining out-of-round piston ring. C. E. Johnson. 1,471,030; Oct. 16.
Castings, Metal mold for piston. G. R. Kelm. 1,458,343; June 12.
Castings, Mold for making metal. J. E. Goens. 1,457,362; June 5.
Castings of composite metals, Making. C. T. Wilks. 1,446,678; Feb. 27.
Castings, Pattern mechanism for. B. T. Brown. 1,443,341; Jan. 30.
Castings, Process and device for making sharply-defined. H. Lohmann. 1,477,508; Dec. 11.
Castings, Producing soft ferrous metal. H. A. Myers. 1,471,190; Oct. 16.
Castings, Production of hollow metal. F. Jombart. 1,450,552; Apr. 3.
Castings, Treating manganese-steel. J. H. Hall and M. F. Apgar. 1,466,649; Aug. 28.
Castings, Treatment of manganese-steel. S. Apgar and G. R. Hanks. 1,466,636; Aug. 28.
Castings with protective coating, Producing centrifugal. W. D. Moore. 1,471,054; Oct. 16.
Cast-metal container. J. G. Lehman. 1,454,291; May 8.
Cast-metal wheel. L. Melanowski. 1,454,249; May 8.
Catalyst and making same. H. G. Byers. 1,470,552; Oct. 9.
Catalyst and making same. H. D. Gibbs. 1,463,206; July 31.
Catalyst and making same. E. H. Payne and S. A. Montgomery. 1,453,766; May 1.
Catalyst and making the same. J. C. Clancy. 1,473,543; Nov. 6.
Catalyst and making the same, Ammonia synthesis. J. C. Clancy. 1,473,544; Nov. 6.
Catalyst from catalysis residue, Recovering. E. V. Owen. 1,460,110; June 26.
Catalyst from vanadium pentoxide and the product thereof. H. D. Gibbs. 1,458,478; June 12.
Catalysts and apparatus therefor, Revivifying spent. T. Midgley, jr. 1,446,984; Feb. 27.
Catalysts, Making metal. W. P. Schuck. 1,467,397; Sept. 11.
Catalytic chemicals, Distilling with. G. L. Pritchard and H. Henderson. 1,476,219; Dec. 4.
Catalytic compounds and the product obtained thereby, Preparation of. A. E. Houlehan. 1,477,058; Dec. 11.
Catalytic material, Producing. G. A. Richter. 1,451,113; Apr. 10.
Catalyzers and manufacturing the same, Nickeliferous. A. Granichstadten and E. Sittig. 1,450,174; Apr. 3.
Catalyzers, Reactivating spent. W. D. Richardson. 1,447,689; Mar. 6.
Catamenial appliance. I. Newman and I. and M. Kern. 1,453,053; Apr. 24.
Catamenial bandage. R. R. Rider. 1,450,755; Apr. 3.
Catamenial sack. M. S. January. 1,441,929; Jan. 9.
Catamenial-sack supporter. A. L. Smith. 1,470,395; Oct. 9.
Catapult. S. E. Chapman. 1,455,075; May 15.
Catch. D. W. Blackwell. 1,455,104; May 15.
Catch, Safety. O. T. Fenton. 1,459,526; June 19.
Catguts, Manufacturing. S. Uyama. 1,476,740; Dec. 11.
Catheters, Method and apparatus for making. W. H. Fox. 1,473,403; Nov. 6.
Cathode and making the same, Electron-emitting. J. L. Bradford. 1,453,267; May 1.
Cathode for the electrolytic refining of metal. C. H. Schuh. 1,470,883; Oct. 16.
Cathode tube, Hot-. J. Slepian. 1,450,265; Apr. 3.
Cattle guard. J. A. Rankin. 1,442,495; Jan. 16.
Cattle guard. W. A. Tomlinson. 1,478,927; Dec. 25.
Cattle-leading ring. J. S. Naylor. 1,472,883; Nov. 6.
Cattle, Tail holder for. O. A. Ostrander. 1,469,239; Oct. 2.
Ceiling and floor construction. E. E. Hall. 1,470,727; Oct. 16.
Ceiling-board support. J. Kubovcik. 1,457,633; June 5.
Ceiling fixture, Electric. F. S. Crowell. Des. 61,750–1; Jan. 2.
Ceiling, Suspended. E. E. Hall. 1,470,728; Oct. 16.
Cell and separator plate for use therein, Secondary. T. A. Campbell, J. W. Damon, and A. B. Stewart. 1,474,761; Nov. 20.
Cell division, Model for illustrating. P. H. Pope. 1,478,058; Dec. 18.
Cell, Dry. A. C. Jewett. 1,471,486; Oct. 23.
Cell, Dry. H. de Olaneta. 1,470,915; Oct. 16.
Cell or bridge, Selenium. C. W. Cherry. 1,447,646; Mar. 6.
Cellular board, Machine for making. I. Hill and P. A. Dinsmoor. 1,473,096; Nov. 6.
Cellulose acetate. J. O. Zdanowich. 1,457,131; May 29.
Cellulose acetate from solutions thereof, Recovering. J. M. Kessler and V. B. Sease. 1,456,781; May 29.
Cellulose acetate, Making. J. M. Kessler and V. B. Sease. 1,466,401; Aug. 28.
Cellulose acetates, Manufacture of. W. Nebel. 1,478,137; Dec. 18.
Cellulose, Acetyl. W. J. Stevenson. 1,441,541; Jan. 9.

Cellulose, Acetylizing. H. P. Bassett. 1,466,329; Aug. 28.
Cellulose and preparation, Corncob. F. C. Atkinson. 1,472,318; Oct. 30.
Cellulose-aralkyl-ether composition. H. Dreyfus. 1,454,960; May 15.
Celulose derivatives, Manufacture of. H. Dreyfus. 1,451,330–1; Apr. 10.
Cellulose derivatives, Treatment of products made with. L. G. Richardson. 1,442,631; Jan. 16.
Cellulose-ester composition. J. M. Kessler. 1,456,782; May 29.
Cellulose-ether composition. S. J. Carroll. 1,444,331; Feb. 6.
Cellulose-ether composition. S. J. Carroll. 1,467,092–105; Sept. 4.
Cellulose-ether composition. H. Dreyfus. 1,454,959; May 15.
Cellulose-ether composition. I. C. Matthews. 1,469,816; Oct. 9.
Cellulose-ether composition. P. C. Seel. 1,467,071; Sept. 4.
Cellulose-ether composition. P. C. Seel. 1,469,825–6; Oct. 9.
Cellulose-ether composition. S. E. Sheppard. 1,441,181; Jan. 2.
Cellulose-ether composition. A. P. H. Trivelli. 1,458,256; June 12.
Cellulose-ether composition. W. R. Webb. 1,444,406; Feb. 6.
Cellulose-ether composition. W. R. Webb. 1,460,690; July 3.
Cellulose-ether solvent and composition. S. J. Carroll. 1,441,143; Jan. 2.
Cellulose-ether solvent and composition. S. J. Carroll. 1,450,714–6; Apr. 3.
Cellulose-ether solvent and composition. S. J. Carroll. 1,464,169–70; Aug. 7.
Cellulose-ether solvent and composition. S. J. Carroll. 1,467,091; Sept. 4.
Cellulose-ether solvent and composition. S. J. Carroll. 1,469,812–13; Oct. 9.
Cellulose-ether solvent and composition. W. R. Webb. 1,469,862–3; Oct. 9.
Cellulose ethers, Making. P. C. Seel. 1,464,158; Aug. 7.
Cellulose ethers, Production of. L. Lilienfeld. 1,441,989: Jan. 9.
Cellulose fermentation. H. Langwell. 1,443,881; Jan. 30.
Cellulose, Making alkali. E. S. Farrow, jr. 1,467,107; Sept. 4.
Cellulose, Manufacture of threads, filaments, strips, or films of. M. T. Callimachi. 1,449,380; Mar. 27.
Cellulose material and making same, Regenerated. N. E. Ditman. 1,456,540; May 29.
Cellulose material, Cutting narrow strips from a roller of. A. Scheufelen and F. Schumacher. 1,478,718; Dec. 25.
Cellulose, Nitrating. H. V. Walker. 1,454,871; May 15.
Cellulose plastics, Plasticiser for. A. D. St. John. 1,462,306; July 17.
Cellulose pulp to remove odors therefrom, Treating. G. A. Richter. 1,454,339; May 8.
Cellulose, Regenerating. A. D. Conley and E. C. Stillwell. 1,467,265; Sept. 4.
Cellulosic derivatives, Composition containing. H. Dreyfus. 1,454,961; May 15.
Cellulosic material, Bleaching. E. Ebie and G. A. Richter. 1,470,556; Oct. 9.
Cement. H. G. Hall. 1,462,747; July 24.
Cement. P. C. Plasterer. 1,458,308; June 12.
Cement-aggregate composition, Preparing bituminous. S. E. Finley. 1,462,904; July 24.
Cement and by-products, Making. E. Anderson. 1,465,833; Aug. 21.
Cement, and by-products, Producing. F. W. Huber. 1,465,907; Aug. 21.
Cement and making the same, Pitch. G. A. Henderson and R. G. Erwin. 1,464,480; Aug. 7.
Cement, Aromatic hydrocarbon. W. S. Barrie and L. Chadwick. 1,455,598; May 15.
Cement articles and of reenforced concrete members and the like, Manufacture of. O. Roučka. 1,446,213; Feb. 20.
Cement batch box, carrier, and dump. J. W. Madigan. 1,471,403; Oct. 23.
Cement-block machine. H. C. Riege. 1,478,297; Dec. 18.
Cement-block mold. J. A. Nelson. 1,440,618; Jan. 2.
Cement blocks, Apparatus for molding. A. Federicci. 1,462,569; July 24.
Cement blocks, Mold for. J. Bondi. 1,460,403; July 3.
Cement composition and preparing the same, Colored. J. W. Ledeboer. 1,463,961; Aug. 7.
Cement, Composition of matter for use as a. H. A. Cook. 1,467,356; Sept. 11.
Cement, Electrical. A. P. Sullivan. 1,468,930; Sept. 25.
Cement material, Apparatus for burning. S. B. Newberry. 1,477,517; Dec. 11.
Cement mixer. F. W. Huber. 1,473,990; Nov. 13.
Cement mixtures, Manufacture of. F. Ferrari. 1,444,309; Feb. 6.
Cement patches, Applying. L. Risk. 1,475,029; Nov. 20.
Cement, Process of and apparatus for manufacturing. L. E. W. Pioda. 1,465,863; Aug. 21.
Cement, Silicate. H. Weyland. 1,450,467; Apr. 3.
Cement walls, Facing for. F. A. Northwall. 1,459,684; June 19.
Cementing apparatus, Well-. W. J. Robertson and H. E. Becker. 1,459,345; June 19.
Cementing dumper. B. Cousins. 1,450,485; Apr. 3.
Cementing machine. W. P. Osgood, W. E. Smith, and J. U. Peabody. 1,446,766; Feb. 27.
Cementing machine. W. P. Osgood. 1,472,083; Oct. 30.
Cementing shoe, Centering. W. B. Wigle and W. Hughes. 1,460,632; July 3.
Cementitious articles, Machine for making. A. O. Crozier. 1,453,040; Apr. 24.
Cementitious composition, Preparing a. J. H. Amies. 1,470,674; Oct. 16.
Cementitious compositions suitable for flooring, paving, and so forth. C. F. Curtis. 1,460,643; July 3.
Cementitious products, Mold for making. T. A. Mayberry. 1,452,247; Apr. 17.
Cementwork, Article for producing keys in. H. H. Hathaway. 1,470,835; Oct. 16.
Cemeteries, Vase for. R. I. Orr. 1,464,290; Aug. 7.
Centering and cementing device. J. P. Burgher. 1,466,986; Sept. 4.
Centering device. R. P. Elliott. 1,448,528; Mar. 13.
Centering device. P. Forkardt. 1,452,034; Apr. 17.
Centering device. L. J. Rosbach. 1,460,279; June 26.
Centering implement. C. Langa. 1,449,422; Mar. 27.
Centers, Forming. J. H. Downie. 1,444,172; Feb. 6.
Centrifugal. G. R. Parr. 1,474,845; Nov. 20.
Centrifugal extractor. S. Prestwich. 1,476,179; Dec. 4.
Centrifugal extractor. W. H. Rouston. 1,460,142 June 26.
Centrifugal extractors, Safety device for. J. O. Tow. 1,444,401; Feb. 6.
Centrifugal machine. E. Roberts. 1,441,751–2; Jan. 9.
Centrifugal machine. A. R. Robertson and A. F. Dunsmore. 1,474,331; Nov. 13.
Centrifugal machine. P. T. Sharples. 1,445,722; Feb. 20.
Centrifugal machines, Braking device for. M. Leitch. 1,462,141; July 17.
Centrifugal mold. W. A. Gordon. 1,466,826; Sept. 4.
Centrifugal separating machine. F. Koch. 1,461,777; July 17.
Centrifugal separating means. R. E. Lapham. 1,456,737; May 29.
Centrifugal separation, Process and apparatus for. C. A. Porter and O. C. Brewster. 1,452,388; Apr. 17.
Centrifugal separator. G. C. Barnes and J. R. Morgan. 1,478,660; Dec. 25.
Centrifugal separator. C. W. Eccleston. 1,473,421; Nov. 6.
Centrifugal separator. H. Feldmeier. 1,461,031; July 10.
Centrifugal separator. S. S. Howell. 1,453,678; May 1.
Centrifugal separator. C. B. Jandos. 1,461,909; July 17.
Centrifugal separator. R. E. Lapham. 1,451,779; Apr. 17.
Centrifugal separator. A. Ohno. 1,447,685; Mar. 6.
Centrifugals, Means for reducing vibration of. G. R. Parr. 1,474,846: Nov. 20.
Ceramic and similar materials and producing same, Joint for articles of. A. O. Austin. 1,456,960; May 29.
Ceramic article and making the same. M. C. Booze. 1,459,357; June 19.
Ceramic products, Making. E. Anderson. 1,458,376; June 12.
Ceramic swimming-pool structures, Protecting. J. F. Booraem. 1,464,804; Aug. 14.
Ceramic ware and making same. C. W. Saxe. 1,454,000; May 1.
Ceramic ware, Furnace for decorating. J. A. Jeffery. 1,468,947; Sept. 25.
Cereal cup. S. H. Perky. Des. 63,315; Nov. 20.
Cereal foods, Making whole-wheat. A. L. Mulkey. 1,446,200; Feb. 20.
Cereal product and making, Edible. G. H. Saunders. 1,457,004; May 29.
Cereals, Process and apparatus for treating. J. J. Schreiber. 1,444,528; Feb. 6.
Chafing iron. F. Zyh. 1,458,900; June 12.
Chain. R. H. Baker. 1,442,637; Jan. 16.
Chain. E. E. Garrett. 1,458,096; June 5.
Chain. P. McLaughlin. 1,450,981; Apr. 10.
Chain-anchoring means, Felly-engaging antiskid-. G. P. MacIntosh. 1,452,885; Apr. 24.
Chain and making same. S. Bolgár. 1,452,408; Apr. 17.
Chain attachment. H. A. Rabey. 1,476,465; Dec. 4.
Chain belt for driving purposes. H. S. W. Firminger. 1,476,603; Dec. 4.
Chain belts, Locking link for. R. W. Dull. 1,458,172; June 12.
Chain, Box-link. W. E. Willis. 1,452,058; Apr. 17.
Chain connecter. R. N. Lyon. 1,474,680; Nov. 20.
Chain connector. J. H. Besaw. 1,464,195; Aug. 7.
Chain connector. H. O. Clark. 1,456,361; May 22.
Chain connector. W. T. Hopke and J. A. Sincell. 1,441,089; Jan. 2.
Chain connector. E. N. Malvern. 1,469,164; Sept. 25.
Chain connector. M. C. Wills and J. S. Daniel. 1,471,537; Oct. 23.
Chain construction. W. I. Tuttle. 1,446,139; Feb. 20.
Chain conveyer. C. G. Pfeiffer. 1,442,292; Jan. 16.

Alphabetical list of inventions—Continued.

Chain, Conveyer. C. L. and F. L. Stibitz. 1,478,460; Dec. 25.
Chain coupler, Auto. H. Campbell. 1,461,306; July 10.
Chain, Cutting. E. C. Morgan. 1,468,866; Sept. 25.
Chain, Cutting. N. D. Levin. 1,446,191; Feb. 20.
Chain delivery. C. W. Harrold. 1,476,713; Dec. 11.
Chain, Drag. A. L. Hansen. 1,443,989; Feb. 6.
Chain, Drive. C. F. Meier. 1,453,592; May 1.
Chain, Drive. G. W. Wilmot. 1,451,286; Apr. 10.
Chain fastener. H. L. Beard and H. A. Strealy. 1,476,583; Dec. 4.
Chain fastener. T. W. Burkett. 1,474,141; Nov. 13.
Chain fastener. H. Hoy. 1,464,134; Aug. 7.
Chain fastener. T. A. Johnson. 1,469,089; Sept. 25.
Chain fastener. F. C. Le Messurier and F. E. Stahl. 1,476,451; Dec. 4.
Chain fastener. C. Sturdevant. 1,453,205; Apr. 24.
Chain fastener, Neck-. F. A. Ballou, jr. 1,445,817; Feb. 20.
Chain-feed attachment, Automatic. P. W. Fleischer. 1,451,015; Apr. 10.
Chain for drying apparatus and the like, Conveyer. C. Wagner and A. Hormel. 1,452,943; Apr. 24.
Chain, Gear. E. I. Braddock. 1,463,789; Aug. 7.
Chain holder. J. H. Banks. 1,449,257; Mar. 20.
Chain holder. W. H. Watt, jr. 1,456,412; May 22.
Chain holder, Watch-. C. H. J. Dilg. 1,457,105; May 29.
Chain hook. I. L. Thiel. 1,458,086; June 5.
Chain hook, Adjustable. O. E. Brown. 1,459,670; June 19.
Chain hook, Eyeglass-. C. L. Hogue. 1,470,264; Oct. 9.
Chain hook, Detachable-. J. G. Rieff. 1,450,388–9; Apr. 3.
Chain, Identification-tag. A. J. Thoma and A. Eklund. 1,477,729; Dec. 18.
Chain jack. J. S. Tremayne. 1,466,977; Sept. 4.
Chain link. J. E. and R. A. Bachman. 1,453,088; Apr. 24.
Chain link. W. M. Bateman. 1,440,436; Jan. 2.
Chain link. C. E. Carter. 1,452,476; Apr. 17.
Chain-link connector. A. A. Bosserman. 1,442,043; Jan. 16.
Chain-link construction. S. J. Benner and C. V. J. Diehl. 1,470,318; Oct. 9.
Chain-link construction. F. R. Harrison. 1,464,267; Aug. 7.
Chain-link shoe. J. J. Dougherty. 1,459,091; June 19.
Chain-link welding. J. H. Gravell. 1,470,160; Oct. 9.
Chain-link welding. E. Thomson. 1,452,942; Apr. 24.
Chain links, Interlocking. J. G. Balcerwicz. 1,464,919; Aug. 14.
Chain lock. A von Arx. 1,477,858; Dec. 18.
Chain lock, Combination. W. Burkle. 1,472,206; Oct. 30.
Chain, Machine for and method of making. J. A. Payette. 1,446,207; Feb. 20.
Chain-making apparatus. J. Johnson. 1,463,469; July 31.
Chain-making machine. M. O. Rehfuss. 1,458,851; June 12.
Chain-making machine, Automatic. B. J. Jacobson. 1,476,977; Dec. 11.
Chain meshwork and chains, Manufacture of. W. Bittrolf. 1,478,814; Dec. 25.
Chain, Neck. F. A. Ballou, jr. 1,477,235; Dec. 11.
Chain, Power. F. L. Morse. 1,469,391; Oct. 2.
Chain, Power-transmission. F. Müller. 1,465,946; Aug. 28.
Chain reel, Key-. T. J. Morrison. 1,465,281; Aug. 21.
Chain-smoothing machine. G. G. Naugle. 1,446,923; Feb. 27.
Chain, Sprocket. W. L. Montague and B. Welser. 1,451,624; Apr. 10.
Chain, Sprocket. W. L. Montague and G. B. Welser, jr. 1,451,625; Apr. 10.
Chain sprocket, Silent. J. C. Chapman. 1,447,644; Mar. 6.
Chain, Stenter. C. G. Renold. 1,478,454; Dec. 25.
Chain tightener. F. V. Fischer. 1,460,235; June 26.
Chain tightener, Self-locking. C. V. Schlopia. 1,446,214; Feb. 20.
Chain-tightener tool. W. C. Searles. 1,476,008. Dec. 4.
Chain tool. H. Powers. 1,441,944; Jan. 9.
Chain-track support. E. E. Wickersham. 1,442,549; Jan. 16.
Chain, Tractor-wheel. J. C. French. 1,451,872; Apr. 17.
Chain, Universal conveyer. G. Carstens. 1,453,702; May 1.
Chain-welding machine. J. L. Mueller. 1,463,714; July 31.
Chains and chain meshwork, Manufacture of. J. M. Weber and K. Betz. 1,478,809; Dec. 25.
Chains and the like, Latch device for skid. J. T. Barber. 1,450,199; Apr. 3.
Chains, Device for separating and repairing. C. Krebs. 1,445,326; Feb. 13.
Chains, Manufacture of links for drive and conveyer. C. A. Hoya. 1,448,663; Mar. 13.
Chains, Method of and apparatus for making bushes and rollers for gear. R. O. Herford and A. Renshaw. 1,473,855; Nov. 13.
Chains of all kinds and collars, Safety clasp for. L. J. A. Bertrand. 1,467,917; Sept. 11.
Chains, Repair link for. E. Prendergast. 1,454,335; May 8.
Chair: *See*—
Advertising chair.
Automobile chair.
Bar chair.
Barber chair.
Beach chair.
Cable chair.
Collapsible chair.
Combination chair.
Convertible chair.
Dental chair.
Folding chair.
Guard-rail chair.
High chair.
Nursery chair.
Operator's chair.
Rail chair.
Reclining chair.
Swing chair.
Willow chair.
Chair. H. F. Chatfield. Des. 63,612; Dec. 25.
Chair. G. Daniels. Des. 62,545; June 19.
Chair. W. J. Gillam. Des. 62,102; Mar. 20.
Chair. W. J. Gillam. 1,465,980; Aug. 28.
Chair. W. H. Gunlocke and G. J. Pike. Des. 63,078; Oct. 2.
Chair. M. W. Hard. 1,456,235; May 22.
Chair. J. F. Job. Des. 61,981; Feb. 20.
Chair. J. W. Lang. 1,470,455; Oct. 9.
Chair. M. C. Neil. 1,449,436; Mar. 27.
Chair. R. Schmidt. 1,471,006–7; Oct. 16.
Chair. M. A. Westbrook. 1,449,473; Mar. 27.
Chair and couch, Combined. J. G. Lochner. 1,477,507; Dec. 11.
Chair and desk, Combined. J. J. Wolfe. 1,455,824; May 22.
Chair and display rack, Combined. A. L. and F. G. Guthridge. 1,473,702; Nov. 13.
Chair and ironing board, Combined. P. T. Jones. 1,468,817; Sept. 25.
Chair and swing, Combined. L. R. Schwartz. 1,478,768; Dec. 25.
Chair attachment, Wall-protecting. G. Soros. 1,445,726; Feb. 20.
Chair, Child's. J. A. Cohee. Des. 61,891; Feb. 6.
Chair construction. H. Coverly. 1,478,640; Dec. 25.
Chair iron. H. W. Bolens. 1,459,138; June 19.
Chair irons, Adjusting wheel for. A. D. Pettibone. Des. 62,960; Aug. 28.
Chair, ironing board, and table, Convertible. J. D. Mayberry. 1,452,749; Apr. 24.
Chair, Lunch-room. M. A. Malia. Des. 62,577; June 26.
Chair pad. E. Pearl. 1,444,521; Feb. 6.
Chair register, Barber-. A. Juhász. 1,448,448; Mar. 13.
Chair seat. E. Thompson. 1,455,234; May 15.
Chair seats and the like, Pad for. A. H. Gallagher. 1,444,066; Feb. 6.
Chair, stool, seat, and the like, Metallic. F. H. Headley. 1,456,800; May 29.
Chair, swing, and hammock, Combination. A. D. Moss. 1,469,674; Oct. 2.
Chair tightener. C. Fischer. 1,461,868; July 17.
Chairs and the like, Fitting for revolving. R. K. Dawson. 1,461,602; July 10.
Chairs, Desk attachment for. P. and E. Schiefer. 1,446,665; Feb. 27.
Chairs, Leg rest attachment for. J. J. Hogan. 1,446,043; Feb. 20.
Chairs, tables, and the like, Disappearing structure for. C. M. Rumbaugh and J. S. Orsborn. 1,465,529; Aug. 21.
Chalk holder. A. Leone. 1,447,674; Mar. 6.
Chamber, Double-locked secret. P. Ginelewitz. 1,466,362; Aug. 28.
Chandelier. T. E. Dahl. Des. 61,855; Jan. 30.
Chandelier. T. E. Dahl. Des. 61,928; Feb. 13.
Chandelier. G. Ludwig. 1,470,855; Oct. 16.
Chandelier. T. J. Maloney. Des. 63,653; Dec. 25.
Chandelier. A. Miller. Des. 63,110; Oct. 2.
Chandelier. A. Miller. Des. 63,577; Dec. 18.
Chandelier. B. Newland. Des. 62,494–5; June 12.
Chandelier. J. Pankratz. Des. 62,866; Aug. 14.
Chandelier. F. M. Poritz. Des. 62,343; May 8.
Chandelier. F. M. Poritz. Des. 62,589; June 19.
Chandelier. F. M. Poritz. Des. 63,585; Dec. 18.
Chandelier. A. Ullman. Des. 63,598; Dec. 18.
Chandelier-body holder. F. M. Poritz. Des. 63,583; Dec. 18.
Chandelier bracket. C. Richter. Des. 63,149–50; Oct. 16.
Chandelier candle holder. F. M. Poritz. Des. 63,584; Dec. 18.
Chandelier, Ceiling. F. M. Poritz. Des. 63,060; Sept. 25.
Chandelier, Electric. F. S. Crowell. Des. 61,960–4; Feb. 20.
Chandelier, Electric. F. S. Crowell. Des. 62,137; Mar. 27.
Change maker, Selective. A. Beck. 1,462,679; July 24.
Change maker, Universal. H. J. Baur. 1,465,409; Aug. 21.
Change-making device. A. Papoulias. 1,458,843; June 12.
Change-making device, Automatic. E. H. Thompson. 1,449,794; Mar. 27.
Change-speed-gear mechanism. J. Cotal. 1,462,740; July 24.
Chaplet. H. Bellon. 1,448,186; Mar. 13.
Chaplet. C. W. Boulton. 1,454,013; May 1.
Chaplet, Eye. H. Bellon. 1,446,446; Feb. 27.
Chaplet, Molder's. J. W. Bradley. 1,459,464; June 19.
Chaplets, Making. S. H. Gibson. 1,443,737; Jan. 30.
Char, Apparatus for drying. H. E. Niese. 1,452,166; Apr. 17.

Character construction, Interchangeable-. M. J. Hogan. 1,462,547; July 24.
Charcoal and apparatus therefor, Producing. S. Hiller and L. A. Clarke. 1,465,131; Aug. 14.
Charcoal and by-products, Method of and apparatus for producing. S. Hiller. 1,458,410; June 12.
Charcoal and producing the same, Artificial or synthetic. J. C. Morrell. 1,478,985; Dec. 25.
Charcoal, Cooling and stabilizing. O. F. Stafford. 1,464,732; Aug. 14.
Charcoal, Manufacture of artificial. J. C. Morrell. 1,478,986; Dec. 25.
Charcoal, Production of adsorbent. J. C. Morrell. 1,478,987; Dec. 25.
Charge-forming apparatus. J. Good. 1,466,647; Aug. 28.
Charge-forming device. C. H. Hallauer. 1,471,557; Oct. 23.
Charging device. A. J. Clausen. 1,449,733; Mar. 27.
Charging rack. F. T. Baird. 1,454,033; May 8.
Charm. R. P. Byers. Des. 62,879; Aug. 21.
Charm. C. E. Fuller. Des. 61,763; Jan. 9.
Charm. A. B. Lemon. Des. 62,736; July 24.
Chart. E. Bönnelycke. 1,458,264; June 12.
Chart. A. A. Dorsch. 1,478,384; Dec. 25.
Chart. G. W. R. Harriman. 1,448,961; Mar. 20.
Chart. H. O. Murdoch. 1,448,698; Mar. 13.
Chart and charting, Traffic. B. H. Mann. 1,443,233; Jan. 23.
Chart, Decimal-equivalent. H. O. Olson. 1,461,138; July 10.
Chart, Distance fare or wage. C. C. Bennett. 1,459,176; June 19.
Chart, Graphic display. H. W. Slauson. 1,470,652; Oct. 16.
Chart holder. P. Dubois. 1,441,489; Jan. 9.
Chart holder. T. J. Rudesill. 1,460,502; July 3.
Chart, Laundry price. C. O. Reeps. 1,473,382; Nov. 6.
Chart, Lecturer's. L. P. Denoyer. 1,464,753; Aug. 14.
Chart, Merchandising. M. McCormick. 1,444,197; Feb. 6.
Chart, Mileage. F. W. Bacon. 1,477,801; Dec. 18.
Charts, Hubcap for. C. W. Petitjean. 1,478,861; Dec. 25.
Chaser bars, Method and means for truing. C. Jobst. 1,462,701; July 24.
Chassis, Body for Ford. J. H. Butler. 1,474,235; Nov. 13.
Chassis brace. A. J. Scholtes. 1,453,954; Mar. 1.
Check and check book, Bank. R. Bates. 1,453,234; Apr. 24.
Check, Automatic roving. G. R. Barksdale and P. B. Wilson. 1,462,896; July 24.
Check books, Stub binding and envelope for. E. P. Benson. 1,456,616; May 29.
Check-controlled machine. A. D. Antoine. 1,452,721; Apr. 24.
Check-controlled mechanism. H. M. Walker. 1,463,521; July 31.
Check cutter. C. T. Raschick. 1,476,417; Dec. 4.
Check holder. C. Feddern. 1,462,448; July 17.
Check holder. M. M. Suhler. 1,440,846; Jan. 2.
Check-indorsing machine. H. A. Ritter. 1,441,634; Jan. 9.
Check lock. W. J. Connell. 1,457,348; June 5.
Check marking and protecting device. V. Chelena. 1,445,756; Feb. 20.
Check-notching device. W. C. Scott. 1,457,231; May 29.
Check-notching device. P. C. Snow. 1,467,910; Sept. 11.
Check or ticket punch. C. Harvey. 1,448,214; Mar. 13.
Check-pad holder. C. W. Jones. 1,455,620; May 15.
Check pen protector, Combination. A. Visitacion. 1,474,744; Nov. 20.
Check perforator. R. Bates. 1,453,235; Apr. 24.
Check-protecting means. G. L. Walker. 1,461,055; July 10.
Check-protecting system and keyboard for same. H. Corrigan. 1,440,585; Jan. 2.
Check protector. A. E. Barnes. 1,452,674; Apr. 24.
Check protector. V. A. Boker. 1,441,778; Jan. 9.
Check protector. H. L. Coit. 1,455,904; May 22.
Check protector. I. S. Dauley and J. D. Viruette. 1,448,994; Mar. 20.
Check protector. E. H. Dryer. 1,465,388; Aug. 21.
Check protector. B. O. Fanslow. 1,469,634; Oct. 2.
Check protector. J. A. Huizenga. 1,443,574; Jan. 30.
Check-punching device. W. S. Smith and F. S. Williams 1,465,531; Aug. 21.
Check writer. B. O. Fanslow. 1,453,867; May 1.
Check writer. W. B. Payne. 1,460,729; July 3.
Check writer. M. Starr. 1,456,522; May 29.
Check writer. C. G. Tiefel. 1,443,103; Jan. 23.
Checks, Safety device for. H. K. Stolberg. 1,465,099; Aug. 14.
Checker and chess board. J. F. Truskoski. 1,441,386; Jan. 9.
Cheese and other substances, Machine for cutting. W. H. and L. Mellor. 1,472,224; Oct. 30.
Cheese box. E. W. Iwen. 1,478,181; Dec. 18.
Cheese box, Reinforced. R. L. Frome. 1,464,651; Aug. 14
Cheese-cutting machine. J. R. Meyers. 1,445,787; Feb. 20.
Cheese-drying process. J. R. Meyers. 1,445,785; Feb. 20.
Cheese hoop and follower sterilizing washer. H. H. Bathke. 1,458,384; June 12.
Cheese, Machine for making and finishing. J. R. Meyers. 1,450,105; Mar. 27.
Cheese-making apparatus. O. A. Kielsmeier. 1,475,398; Nov. 27.
Cheese-making machine. C. P. Dros. 1,441,790; Jan. 9.
Cheese, Manufacture of brick. E. C. Damrow. 1,469,251; Oct. 2.
Cheese packing. J. R. Meyers. 1,445,786; Feb. 20.
Cheese, Preparing. G. Meyer. 1,462,375; July 17.
Cheese-press. G. Kohlmeier. 1,462,863; July 24.
Cheese press, Continuous. E. C. Damrow. 1,469,252; Oct. 2.
Cheese, Sterilizing. E. E. Eldredge. Re15,648; July 10.
Chemical apparatus. B. B. Fogler. 1,456,102; May 22.
Chemical conversion of substances. L. Heis and H. Jezler. 1,475,995; Dec. 4.
Chemical reactions, Apparatus for producing. C. R. Downs and C. G. Stupp. 1,464,845; Aug. 14.
Chemical reactions, Performing. W. Kochmann. 1,468,708; Sept. 25.
Chemical reactions, Producing. W. Haskins. 1,473,347; Nov. 6.
Cherry and confection center depositing apparatus. T. Bosshard. 1,473,458; Nov. 6.
Chest: *See*—
Display chest.
Chest. D. L. Goodrich. 1,453,935; May 1.
Chest and container. D. Holland. 1,470,166; Oct. 9.
Chest, Mothproof. W. C. Deiss. 1,467,268; Sept. 4.
Chest splint. S. Simon. 1,462,583; July 24.
Chick box, Safety. D. H. Bucks. 1,451,760; Apr. 17.
Chick-feeding device. G. W. Mitchell. 1,468,668; Sept. 25.
Chick fount, Sanitary. V. C. Getz and W. L. Westbrook. 1,449,983; Mar. 27.
Chicken coop or brooder. C. W. Carol. 1,452,728; Apr. 24.
Chicken feeder. F. B. Naylor. 1,469,677; Oct. 2.
Chicken roost. W. E. Randall. 1,453,569; May 1.
Chicken roost, Sanitary. A. Shoults. 1,466,197; Aug. 28.
Chime seam and producing same, Reenforced metallic. C. T. Draper. 1,466,643; Aug. 28.
Chime, Sheet-metal. G. C. Brainard. 1,445,384; Feb. 13.
Chimney. C. A. Kidd. 1,457,739; June 5.
Chimney. J. A. Watson. 1,469,030; Sept. 25.
Chimney and pipe cleaner. A. Gramoroski. 1,464,249; Aug. 7.
Chimney cap. A. Hodel. 1,476,613; Dec. 4.
Chimney cap. C. B. Wagoner. 1,470,305; Oct. 9.
Chimney cleaner. S. Heimerman. 1,475,229; Nov. 27.
Chimney cleaner. T. G. Kohl. 1,446,567; Feb. 27.
Chimney cleaner. T. G. Kohl. 1,473,236; Nov. 6.
Chimney cowl. W. T. McCullough. 1,454,752; May 8.
Chimney draft device. L. Dufek. 1,456,099; May 22.
Chimney draft device. G. J. Prat. 1,454,561; May 8.
Chimney draft device with two fans. E. Prat. 1,454,560; May 8.
Chimney flashing. E. H. Steel. 1,442,587; Jan. 16.
Chimney flues, Heating and ventilating attachment for. E. P. Schaefer. 1,448,598; Mar. 13.
Chimney or smokestack ventilator. A. H. Campbell. 1,476,488; Dec. 4.
Chimneys, Conserving and repairing. F. F. Beeby. 1,469,712; Oct. 2.
Chin rest. W. Shilling. 1,463,847; Aug. 7.
Chin support. F. C. McCullough. 1,441,817; Jan. 9.
China clay, Manufacture of. N. Testrup. 1,446,949; Feb. 27.
Chip distributer. D. C. Boyd. 1,454,575; May 8.
Chiropractic adjustment machine. E. H. Ashlock. 1,455,320; May 15.
Chiropractic table. E. Bowman. 1,478,816; Dec. 25.
Chiropractic table. H. H. Miller. 1,455,922; May 22.
Chiropractic table. W. G. Williams. 1,448,477; Mar. 13.
Chiropractic table, Portable. W. B. Repert. 1,441,170; Jan. 2.
Chisel, Bush. W. H. Van Sickel. 1,476,120; Dec. 4.
Chisel, Cold. R. J. Harmon. 1,471,461; Oct. 23.
Chisels, Fixture for grinding beveled. J. F. Nagle. 1,455,405; May 15.
Chopper: *See*—
Cotton chopper.
Chlorhydrin, Manufacture of. B. T. Brooks. 1,465,595; Aug. 21.
Chlorhydrins, Dehydrating. B. T. Brooks. 1,446,874; Feb. 27.
Chlorhydrins, Making. G. O. Curme, jr., and C. O. Young. 1,456,916; May 29.
Chlorhydrins, Making. C. O. Young. 1,456,959; May 29.
Chlorhydrins of organic liquids, Making. B. T. Brooks. 1,446,873; Feb. 27.
Chlorhydrins, Process and apparatus for manufacture of. B. E. Eldred and B. T. Brooks. 1,465,601; Aug. 21.
Chloride, Making anhydrous magnesium. P. Cottringer and W. R. Collings. 1,450,912; Apr. 10.
Chloride, Producing anhydrous metallic. B. S. Kirkpatrick and F. S. Morgan. 1,455,005; May 15.
Chlorides. Manufacture of metal. B. H. Jacobson. 1,474,479; Nov. 20.
Chlorides, Manufacturing anhydrous metallic. B. H. Jacobson. 1,445,082; Feb. 13.

Chlorides of ketone soluble by means of alkalies, Rendering. A. R. de Vains. 1,445,495; Feb. 13.
Chlorides of naphthalenes serving as substitutes for rosin, Refining mixture of. K. Rücker. 1,455,509; May 15.
Chloridizing volatilization process, Wet. H. R. Layng. 1,465,138; Aug. 14.
Chlorinated bodies, Making. C. Ellis and A. A. Wells. 1,440,976; Jan. 2.
Chlorination. J. B. Marvin, jr. 1,442,491; Jan. 16.
Chlorination of methane (CH_4). R. Leiser and F. Ziffer. 1,459,777; June 26.
Chlorine and other corrosive gases, Purifying. G. O. Curme, jr., and H. E. Thompson. 1,472,294; Oct. 30.
Chlorine substitution products, Producing organic. C. P. Townsend. 1,468,220; Sept. 18.
Chock block. G. H. Lane. 1,465,852; Aug. 21.
Chocolate-blending machine. O. M. Stout. 1,440,941; Jan. 2.
Chocolate masses or other materials, Device for treating. F. F. W. Schildener. 1,474,945; Nov. 20.
Chocolate mixing and melting machine. O. A. Labus and C. H. Peth. 1,462,602; July 24.
Chocolates, Device for forming. M. J. Harlan. 1,475,579; Nov. 27.
Choker hook. H. R. Benson. 1,446,781; Feb. 27.
Choker hook. O. A. Wirkkala. 1,464,162; Aug. 7.
Choke rod. N. C. Gardner. 1,464,263; Aug. 7.
Chopper: *See*—
Cotton chopper. Meat chopper.
Chopper. A. Lazarus. 1,457,374; June 5.
Chopping and sliding machine. L. W. Scarborough. 1,455,173; May 15.
Chopping device, Culinary. A. E. Price. 1,446,767; Feb. 27.
Christmas trees or the like, Ornament for. G. E. Grimm. 1,472,520; Oct. 30.
Christmas-tree stand or the like. J. Junkunc. 1,445,625; Feb. 20.
Chrome-iron sheet or article and making same. F. M. Becket and C. E. McQuigg. 1,454,464; May 8.
Chronometers and watches, Compensating balance spring for. C. E. Guillaume. 1,454,473; May 8.
Chuck. A. E. Church. 1,473,464; Nov. 6.
Chuck. O. Garrison. 1,470,158; Oct. 9.
Chuck. B. M. W. Hanson. 1,469,833; Oct. 9.
Chuck. C. Hird. 1,453,110; Apr. 24.
Chuck. A. J. Lavoie. 1,454,121; May 8.
Chuck. H. R. McConnell. 1,473,488; Nov. 6.
Chuck. H. R. McConnell. 1,476,903; Dec. 11.
Chuck. I. T. Nedland. 1,457,994; June 5.
Chuck. J. A. Olson. 1,455,351; May 15.
Chuck. C. R. Pratt. 1,446,060–5; Feb. 20.
Chuck. R. F. Runge. 1,443,651; Jan. 30.
Chuck. H. A. Ryther. 1,470,197; Oct. 9.
Chuck. G. K. Schieldge. 1,463,176; July 31.
Chuck. J. D. Spalding and R. S. Johnson. 1,448,987; Mar. 20.
Chuck. M. Vernaz. 1,442,107; Jan. 16.
Chuck. E. H. W. Weibull. 1,476,434; Dec. 4.
Chuck attachment, Draw. L. H. Anderson. 1,453,117; Apr. 24.
Chuck, Automatic. R. Reinery. 1,457,268; May 29.
Chuck, Centering. W. J. Herschede and W. Eberhardt. 1,457,247; May 29.
Chuck, Clamp and grip. J. K. Cullen. 1,469,360; Oct. 2.
Chuck, Core. J. W. Dirkson and L. E. Clough. 1,469,754; Oct. 2.
Chuck jaw. D. L. Bisset. 1,454,148; May 8.
Chuck jaw. P. Förster. 1,453,045; Apr. 24.
Chuck, Magnetic. R. L. Morgan, W. S. Griffith, and E. Churchill, jr. 1,451,268; Apr. 10.
Chuck, Magnetic. H. E. Morton. 1,471,624; Oct. 23.
Chuck, Magnetic. O. S. Walker. 1,442,545; Jan. 16.
Chuck, Mechanically-operated automatic. G. C. Giddings. 1,453,318; May 1.
Chuck, Motor-operated. H. M. Hay. 1,441,803; Jan. 9.
Chuck, Quick-action. J. R. Plank. 1,449,440; Mar. 27.
Chuck, Quick-change. E. O. Weisenberger. 1,468,186; Sept. 18.
Chuck, Power-operated. H. M. Hay. 1,465,820; Aug. 21.
Chuck, Reversing. F. M. Funk and M. C. Jenners. 1,461,871; July 17.
Chuck, Roller. J. E. Baines and J. P. Bosle. 1,446,538; Feb. 27.
Chucks, Safety appliance for drill. D. B. Weller. 1,463,412; July 31.
Chuck, Safety nonstop lathe. G. J. Weske, A. F. Gensler, and O. H. Prange. 1,468,587; Sept. 18.
Chuck, Spring. R. A. Johnson, and C. J. Fancher. 1,441,284; Jan. 9.
Chuck, Tap. M. N. Jarvis. 1,458,300; June 12.
Chucking device, Electric-operating. E. P. Bullard, jr. 1,455,283; May 15.
Chucking mechanism, Drawback. A. E. Drissner. 1,465,257; Aug. 21.
Chucking mechanism, Push. A. E. Drissner. 1,465,256; Aug. 21.
Chucks and the like, Compensating jaw for. L. Perrine. 1,453,176; Apr. 24.
Chucks, Drill-guide attachment for. L. G. Bowman. 1,471,137; Oct. 16.
Churn. D. Ayers and H. D. Fossett. 1,450,238; Apr. 3.
Churn. C. R. Brown and H. H. Hinds. Re15,677; Aug. 21.
Churn. J. P. Donaldson. 1,447,838; Mar. 6.
Churn. A. E. Hendricks. 1,464,873; Aug. 14.
Churn. J. A. Lawrence. 1,478,748; Dec. 25.
Churn. G. O. Powell. 1,468,745; Sept. 25.
Churn. P. Putnam. 1,475,084; Nov. 20.
Churn. J. V. M. Risberg. 1,465,179; Aug. 14.
Churn. T. J. Searcy. 1,456,152; May 22.
Churn. T. E. Smith. 1,454,770; May 8.
Churn, Butter. W. J. Tresnak. 1,474,741; Nov. 20.
Churn-driving mechanism. C. J. Westergaard. 1,449,474; Mar. 27.
Churning and emulsifying machine, Combined. E. Steenberg. 1,468,581; Sept. 18.
Churns, Operating device for. E. L. Levasseur. 1,445,221; Feb. 13.
Chute. C. M. Mumford. 1,458,915; June 12.
Chute and apron, Coal. H. A. Ernest. 1,444,174; Feb. 6.
Chute and bag holder, Combined. C. E. Schwab. 1,453,286; May 1.
Chute, Coal. J. S. Erskine. 1,468,012; Sept. 18.
Chute, Coal. E. F. Heming. 1,458,978; June 19.
Chute, Hog ringing and loading. B. R. Siglin. 1,458,996; June 19.
Chute, Letter. W. E. Wemhoener. 1,477,615; Dec. 18.
Chute-operating means. J. Daniel. 1,477,543; Dec. 18.
Chute, Rotatable stock. W. Clark. 1,443,561; Jan. 30.
Chute shutter, Discharge-. R. M. Conklin. 1,477,245; Dec. 11.
Chutes, Fastening device for coal. E. E. Neal. 1,458,627; June 12.
Chutes, means for manipulating telescopic. W. S. Campbell. 1,443,868; Jan. 30.
Chutes, Overflow mechanism for. H. M. Gleason. 1,456,545; May 29.
Chutes, Raising and lowering coal. F. M. Castleman. 1,469,357; Oct. 2.
Cider mill. L. E. Smith. 1,457,755; June 5.
Cigar and cigarette ash receiver and table, Combination nonsmudging. W. H. Mack. 1,472,804; Nov. 6.
Cigar and cigarette holder. W. Montgomery. 1,475,238; 1,469,277; Oct. 2.
Cigar and cigarette holder, Combination. P. J. Sitter. Nov. 27.
Cigar and cigarette holders, Advertising attachment for. P. J. Sitter. 1,469,278; Oct. 2.
Cigar-assorting device. C. F. Bremer. 1,465,462; Aug. 21.
Cigar band. F. X. Malocsay. 1,477,144; Dec. 11.
Cigar band, Detachable. E. L. Broome. 1,460,641; July 3.
Cigar-bunch machine. V. J. Wahlstrom. 1,442,200; Jan. 16.
Cigar bunches, Machine for making. A. Caraballo. 1,457,724; June 5.
Cigar-bunching machine. B. and L. Liberman and W. M. Reichart. 1,478,829; Dec. 25.
Cigar-bunching machines, Attachment for. C. A. Boucher. 1,478,726; Dec. 25.
Cigar case. D. M. Newbold, jr. 1,472,806; Nov. 6.
Cigar container and humidor. G. Karp. 1,474,264; Nov. 13.
Cigar cutter. L. de Matto. 1,454,994; May 15.
Cigar cutter. S. J. Simmons. 1,465,771; Aug. 21.
Cigar-feeding device. F. X. Malocsay. 1,444,031; Feb. 6.
Cigar holder. J. Bjorklund. 1,445,620; Feb. 20.
Cigar holder. E. V. Lombardo. 1,448,552; Mar. 13.
Cigar holder and ash receptacle. M. H. Bialick. 1,450,910; Apr. 10.
Cigar lighter. C. H. Cuno. 1,460,095; June 26.
Cigar lighter. J. C. Lehmann and G. H. Timmerman. 1,445,967; Feb. 20.
Cigar lighter and flashlight, Combined. A. E. Anakin. 1,466,779; Sept. 4.
Cigar lighter and standard, Electric. M. H. Shoenberg. Des. 62,367; May 15.
Cigar lighter, Electric. M. H. Shoenberg. Des. 62,366; May 15.
Cigar machine. F. M. White. 1,466,323; Aug. 28.
Cigar machines, Feeder for. F. M. White. 1,466,322; Aug. 28.
Cigar machines, Wrapper carrier for. R. E. Rundell. 1,467,592; Sept. 11.
Cigar-making machine. J. Cornelis. 1,457,876; June 5.
Cigar moistener. R. B. Osterhoudt. 1,474,684; Nov. 20.
Cigar or cigarette and match box, Combined. B. Lebwohl. 1,477,373; Dec. 11.
Cigar or cigarette holder. G. B. Joerger. 1,457,577; June 5.
Cigar or cigarette lighter. A. Barna, jr. 1,469,912; Oct. 9.
Cigar package. A. Schneider. 1,441,121; Jan. 2.
Cigar wrapper. M. S. Heineman. 1,474,363; Nov. 20.
Cigars, Ash-receptacle attachment for. J. V. Pizzino. 1,466,512; Aug. 28.
Cigars, cigarettes, and smoking tobacco, Packing and preserving. J. T. McCrosson. 1,458,586; June 12.
Cigars, cigarettes, and smoking tobacco, Vacuum container for. J. T. McCrosson. 1,458,585; June 12.
Cigars, Circular box for. A. H. Balliet. 1,455,983; May 22.
Cigars, Moistener for. G. H. Gunnell. 1,454,236; May 8.

Cigars, Placing foil wrappers upon. J. E. Davis. 1,448,915; Mar. 20.
Cigars which are not yet packed, Transporting device for unassorted. D. Süss and H. Jocher. 1,476,009; Dec. 4.
Cigarette and cigar case, Waterproof. K. McMosiman. 1,440,690; Jan. 2.
Cigarette and cigar holder. F. N. Taff. 1,464,300; Aug. 7.
Cigarette and match box, Combination. P. K. Kapickas. 1,443,577; Jan. 30.
Cigarette and match dispensing receptacle. S. Creazzo. Des. 63,173; Oct. 30.
Cigarette appliance. M. M. Shore. 1,476,652; Dec. 4.
Cigarette carton. C. S. Heffner. 1,466,225; Aug. 28.
Cigarette case. L. Dahlgren. 1,456,055; May 22.
Cigarette case. B. L. Dall. 1,475,567; Nov. 27.
Cigarette case. G. H. Spencer. 1,445,563; Feb. 13.
Cigarete case. O. H. Styles. 1,443,509; Jan. 30.
Cigarette case. E. Thimgren. 1,467,627; Sept. 11.
Cigarette case, Dispensing. J. Giuffre and C. W. Rich. 1,453,585; May 1.
Cigarette case, Waterproof. E. G. Bell. 1,462,846; July 24.
Cigarette case, Waterproof. J. G. Welsh. 1,460,296; June 26.
Cigarette container. G. L. Johnstone. 1,456,060; May 22.
Cigarette container and ash tray, Combined. A. G. Folsom. Des. 63,291; Nov. 20.
Cigarette container, Match-holding. W. H. King. 1,468,504; Sept. 18.
Cigarette extinguisher C. F. Pratt. 1,464,998; Aug. 14.
Cigarette-forming device. S. Laczko. 1,477,370; Dec. 11.
Cigarette holder. W. Josselyn 1,457,251; May 29.
Cigarette holder. T. Raje. 1,451,235; Apr. 10.
Cigarette holder. A. R. Rieger. 1,454,487; May 8.
Cigarette holder and ejector. J. G. Hollingsworth. 1,447,664; Mar. 6.
Cigarette machines, Device for regulating the cut of rod-forming. E. Koerner. 1,470,927; Oct. 16.
Cigarette or cigar holders, Ejector for. C. L. Bartholome. 1,473,663; Nov. 13.
Cigarette package. C. E. Arnold. 1,448,326; Mar. 13.
Cigarette packages or the like, Machine for sealing. J. N. Tzibides. 1,467,018–9; Sept. 4.
Cigarette-pouch-packaging mechanism. H. de Escobales. 1,462,326–7; July 17.
Cigarette-salvage case. H. J. Winans. 1,459,077; June 19.
Cigarette, Self-lighting. J. W. McClain. 1,454,902; May 15.
Cigarette tray. C. D. Dudley. Des. 62,087; Mar. 13.
Cigarette with crimped seam and making the same, Mouthpiece. A. H. Harwood. 1,476,075; Dec. 4.
Cigarettes and like articles, Box for. H. H. Lewis. 1,445,695; Feb. 20.
Cigarettes, cigars, or the like, Pocket case for. J. Goerk. 1,469,080; Sept. 25.
Cigarettes or other staff-shaped articles for the packeting of same, Means for portioning. G. C. Ekström and G. Örström. 1,447,715; Mar. 6.
Cigarettes, Receptacle for holding. W. D. O'Kane. 1,458,356; June 12.
Cinematograph and phonograph production, Picture film for combined. A. T. M. Johnson. 1,456,558; May 29.
Cinematograph apparatus. K. Higginson. 1,445,315; Feb. 13.
Cinematograph apparatus. S. Kucharski. 1,447,390; Mar. 6.
Cinematograph apparatus. F. W. Portass. 1,455,766; May 15.
Cinematograph apparatus with endless film band. S. Kucharski. 1,449,515; Mar. 27.
Cinematograph films, Means for the projection of. G. B. Bowell. 1,476,237; Dec. 4.
Cinematograph machine adapted for advertising purposes. W. E. G. Smithers. 1,454,001; May 1.
Cinematograph projection apparatus, Device for stopping the films in. S. Kucharski. 1,476,087; Dec. 4.
Cinematograph projector and intermittent mechanism therefor. H. Workman. 1,442,021; Jan. 9.
Cinematograph projectors, Arrangement of centering the film in the gate of. S. Kucharski. 1,458,303; June 12.
Cinematographic and other industrial purposes, Plastic composition for films or filaments for. W. J. Stevenson. 1,458,505; June 12.
Cinematographic apparatus. W. Bauersfeld. 1,443,672; Jan. 30.
Cinematographic apparatus. K. Higginson. 1,475,013; Nov. 20.
Cinematographic apparatus. S. S. James. 1,444,745; Feb. 6.
Cinematographic apparatus. V. Kriegerbeck and J. Bautz. 1,464,284; Aug. 7.
Cinematographic apparatus, Automatic safety device for. H. Fahlenberg. 1,449,595; Mar. 27.
Cinematographic apparatus for the performance of musical films. C. Vische. 1,461,298; July 10.
Cinematographic film. D. F. Comstock and J. A. Ball. 1,451,325; Apr. 10.
Cinematographic film. D. F. Comstock. 1,457,500; June 5.
Cinematographic film, Coiling strip material such as. A. G. Pavely and C. F. O. E. Schmitt. 1,459,795; June 26.
Cinematographic-film-feeeding mechanism. W. B. Wescott. 1,450,343; Apr. 3.
Cinematographic films, Apparatus for treating. W. B. Wescott. 1,444,818; Feb. 13.
Cinematographic films, Machine for treating. G. A. Salins. 1,461,329; July 10.
Cinematographic machine. C. E. Carter. 1,442,647; Jan. 16.
Cinematographic machines or the like, Apparatus for supporting. W. B. Wescott. 1,451,382; Apr. 10.
Cinematographic objectives, Method of and apparatus for distant regulation of. L. Gaumont and L. R. Decaux. 1,454,850; May 15.
Cinematographic or photographic apparatus, Magazine box for. G. Rivetta. 1,469,485; Oct. 2.
Cinematographic projection apparatus. L. Frassier. 1,461,870; July 17.
Cinematographic projection apparatus. K. Higginson. 1,456,776; May 29.
Cinematographic projection screen. C. A. Proton and J. G. Bruyère. 1,459,603; June 19.
Cinematographic projector. C. L. Thompson. 1,470,404; Oct. 9.
Cinematographic target. H. B. Thompson. 1,474,951; Nov. 20.
Cinematographs, Compensating device for. W. Bauersfeld. 1,469,474; Oct. 2.
Cinematographs, Film-feeding mechanism for. H. Seuffert. 1,467,593; Sept. 11.
Cinematographs or other machines, Winding mechanism for endless bands or films for. R. H. Parkinson. 1,469,483; Oct. 2.
Cinematography and photography and in the manufacture thereof, Multicolor screen for natural-color. J. Camiller and A. Hay. 1,440,373; Jan. 2.
Ciphering machine. R. D. Parker. 1,442,819; Jan. 23.
Circle divider. W. Garland. 1,464,417; Aug. 7.
Circles, Device for drawing. N. B. Costovici. 1,460,093; June 26.
Circuit, Anti-side-tone substation. G. D. Edwards. 1,442,427; Jan. 16.
Circuit breaker. C. A. Bowlus. 1,466,012; Aug. 28.
Circuit breaker. B. G. Gerbig. 1,451,157; Apr. 10.
Circuit breaker. W. F. Palmer. 1,441,744; Jan. 9.
Circuit breaker. J. R. Spurrier. 1,468,651; Sept. 25.
Circuit breaker and controller. J. C. Anderson. 1,445,261–2; Feb. 13.
Circuit breaker, Automatic maximum and minimum current. V. Martinetto. 1,472,370; Oct. 30.
Circuit-breaker disk and making same. H. Schmid. 1,446,020; Feb. 20.
Circuit-breaker-indicating device. J. H. Hunt. 1,467,974; Sept. 11.
Circuit-breaker mechanism. S. C. McKeown. 1,442,349; Jan. 16.
Circuit breaker, Overload-. C. R. Beall and R. M. Gilson. 1,475,166; Nov. 27.
Circuit breaker, Overload-. F. Tobien. 1,474,693–4; Nov. 20.
Circuit breaker, Self-soldering. R. H. Maple. 1,478,481; Dec. 25.
Circuit-breaker system, Automatic reclosing. O. C. Traver. 1,470,582; Oct. 9.
Circuit-breaker system, Automatic reclosing. O. C. Traver. 1,477,395; Dec. 11.
Circuit-breaker system, Automatic reclosing. L. S. Walle. 1,477,401; Dec. 11.
Circuit breaker, Thermally-controlled. A. Herz. 1,475,630; Nov. 27.
Circuit breaker, Thermally-controlled. C. Herbst. 1,475,631; Nov. 27.
Circuit-breaking devices, Slidable keyhole guard connected with. C. G. McKinney. 1,441,865; Jan. 9.
Circuit carriage, Motor-driven. S. H. Sharpsteen. 1,467,253; Sept. 4.
Circuit closer. J. J. Duffie. 1,465,465; Aug. 21.
Circuit closer. R. Kotkas. 1,445,619; Feb. 13.
Circuit closer, Automatic. J. Mackintosh. 1,456,027; May 22.
Circuit closer, Float-operated. A. Lazzari. 1,476,525; Dec. 4.
Circuit closer, Hydrometer. C. F. Kettering. 1,441,430; Jan. 9.
Circuit closer, Thermostatic. A. Ludi. 1,457,376; June 5.
Circuit closer, Thermostatic. M. C. McPherson. 1,473,962; Nov. 13.
Circuit closer, Thermostatic. J. C. F. Roquette. 1,457,939; June 5.
Circuit closer, Thermostatic. S. Tommasello. 1,443,395; Jan. 30.
Circuit-closing device. R. G. Parker. 1,473,198; Nov. 6.
Circuit-closing switch, Intermittent. J. M. Bayot. 1,471,512; Oct. 23.
Circuit connecting and controlling device, Incased. J. Sachs. 1,465,688; Aug. 21.
Circuit control, Automatic light-. T. Wakefield, sr. 1,464,788; Aug. 14.
Circuit controller. H. C. Ford. 1,458,284; June 12.
Circuit controller. A. G. Newhard. 1,475,313; Nov. 27.
Circuit controller. D. W. Richards. 1,464,626; Aug. 14.
Circuit controller. F. M. Smith. 1,477,917; Dec. 18.
Circuit controller. C. W. Yerger. 1,474,991; Nov. 20.

Circuit controller and current regulator. E. J. Tomlinson. 1,441,044; Jan. 2.
Circuit controller, Overload-. C. B. Connely. 1,453,492; May 1.
Circuit controller, Time-element. J. Eaton. 1,456,100; May 22.
Circuit-controlling device. S. O. Hoffman. 1,445,951; Feb. 20.
Circuit-controlling device, Centrifugally-operated. M. W. Bartmess. 1,476,790; Dec. 11.
Circuit-controlling device, Selectively-operated. F. M. Goddard. 1,470,725; Oct. 16.
Circuit-controlling means. R. P. Hall. 1,469,905; Oct. 9.
Circuit, Detecting. R. W. Deardorff. 1,474,408; Nov. 20.
Circuit interrupter. O. H. Eschholz. 1,452,550; Apr. 24.
Circuit interrupter. J. Slepian. 1,452,574; Apr. 24.
Circuit-interrupting device. J. M. Brown. 1,448,384; Mar. 13.
Circuit lock, Time-controlled combination. S. D. Mott. 1,448,564; Mar. 13.
Circuit maker and breaker. G. L. Smith. 1,443,763; Jan. 30.
Circuit maker and breaker, Pedal-carried. C. F. Cole. 1,461,380; July 10.
Circuit-opening device. T. F. Johnson, jr. 1,473.959; Nov. 13.
Circuit repeater for use between four-wire and two-wire circuits, Cord-. G. Crisson and A. F. Rose. 1,465,298; Aug. 21.
Circuit, Substation. H. Fletcher. 1,461,183; July 10.
Circuiting device, Short-. H. L. Brump. 1,458,682; June 12.
Circuits and measurement, Modulation. E. L. Nelson. 1,478,050; Dec. 18.
Circuits, Balancing. H. A. Affel. 1,457,336; June 5.
Circuits, Balancing arrangement for multiplex carrier. L. Espenschied. 1,450,254; Apr. 3.
Circuits by means of metal vapor rectifiers, Apparatus for operating direct-current three-main supply. J. Kubler. 1,469,418; Oct. 2.
Circuits, Composite signaling. B. P. Hamilton. 1,456,549; May 29.
Circuits, Detecting. H. S. Osborne. 1,440,407; Jan. 2.
Circuits, Electric. H. S. Read. 1,464,111; Aug. 7.
Circuits, Multiplex selecting. M. Sultzer. 1,451,746; Apr. 17.
Circuits, Network controlling. D. Smith. 1,478,458; Dec. 25.
Circuits, Plural modulation and demodulation. L. Espenschied. 1,447,204; Mar. 6.
Circuits, Protecting device for polyphase. B. Currier and J. B. Seaman. 1,441,267; Jan. 9.
Circuits, Protection of alternating-current-distributing. R. V. Bingay. 1,450,425; Apr. 3.
Circuits, Protective device for polyphase. L. W. Thompson. 1,460,000; June 26.
Circuits, Repeater. O. B. Jacobs. 1,459,769; June 26.
Circuits, Repeater. J. S. Jammer. 1,470,982; Oct. 16.
Circuits, Ringing arrangement for multiplex. J. Davidson, jr. 1,463,199–200; July 31.
Circuits, Selectives for signaling. A. M. Nicolson. 1,464,104; Aug. 7.
Circuits, Signaling. E. D. Johnson. 1,470,984; Oct. 16.
Circuits, Spark intensifer for ignition. E. H. Cardwell. 1.441,212; Jan. 9.
Circuits, Testing. D. G. Blattner. 1,472,455; Oct. 30.
Circuits, Testing. A. B. Clark and G. Crisson. 1,468,101; Sept. 18.
Circuits, Thermionic amplifier. H. D. Arnold. 1,448,550; Mar. 13.
Circuits, Translating. J. R. Carson. 1,448,702; Mar. 13.
Circuits, Translating. J. R. Carson. 1,463,795–6; Aug. 7.
Circulating device. O. Kunert. 1,443,846; Jan. 30.
Circulation-control system. E. F. Edgecombe, jr. Re. 15,531; Jan. 23.
Circulator employed in steam generator and the like. R. T. Marshall and L. Le Sueur. 1,441,105; Jan. 2.
Cistern. R. W. Hathaway. 1,453,109; Apr. 24.
Cistern. J. P. Probst. 1,473,358; Nov. 6.
Clam opener. E. J. Aszklar. 1,465,799; Aug. 21.

Clamp: *See*—
Adjustable clamp.
Aircraft landing-gear-cord clamp.
Attaching clamp.
Automobile floor-board Clamp.
Automobile hood clamp.
Battery clamp.
Battery-post clamp.
Bench clamp.
Bit clamp.
Brush clamp.
Cable clamp.
Car-door clamp.
Car-wheel clamp.
Carriage clamp.
Casing clamp.
Clothesline clamp.
Column clamp.
Concrete-form clamp.
Corner-bead clamp.
Coupling clamp.
Dental matrix clamp.
Door clamp.
Door table clamp.
Electric-wire clamp.
Floor clamp.
Form clamp.
Furniture clamp.
Ground clamp.
Hand clamp.
Hood clamp.
Hose clamp.
Identification clamp.
Ladder clamp.
Level clamp.
Miter clamp.
Music-roll-supporting clamp.
Newspaper clamp.
Pipe-repair clamp.
Piston-ring clamp.
Plate clamp.
Plumber's clamp.
Polish-rod clamp.
Rail clamp.
Railway-switch-point clamp.
Roof clamp.
Rope clamp.
Rope-joining clamp.
Saw clamp.
Saw set and clamp.
Scaffolding clamp.
Screw clamp.
Service clamp.
Spring clamp.
Strain clamp.
Strainer-cloth clamp.
Tank clamp.
Tie and clamp.
Timber clamp.
Tire clamp.
Typewriter clamp.
Umbilical-cord clamp.
Washboard clamp.
Wire clamp.
Wire-fence clamp.
Wire-line clamp.
Work holder and clamp.
Work-holding clamp.
Yarn clamp.

Clamp. E. H. Arbuthnot. 1,465,329; Aug. 21.
Clamp. F. C. Atwood. 1,472,380; Oct. 30.
Clamp. M. Berman. 1,445,067; May 15.
Clamp. J. Books. 1,446,374; Feb. 20.
Clamp. J. M. Brown. 1,475,744; Nov. 27.
Clamp. R. Burbank. 1,445,709; May 15.
Clamp. A. L. Cochrane. 1,442,468; Jan. 16.
Clamp. H. J. Cooper. 1,467,708; Sept. 11.
Clamp. G. J. Dennis. 1,451,091; Apr. 10.
Clamp. R. Elderton and C. D. Baldwin. 1,459,445; June 19.
Clamp. E. S. French. 1,459,093–4; June 19.
Clamp. H. W. French. 1,451,692; Apr. 17.
Clamp. G. Glaudel. 1,470,115; Oct. 9.
Clamp. A. J. Halvorsen. 1,477,219; Dec. 11.
Clamp. C. H. Hathaway and W. A. Starck. 1,445,944; Feb. 20.
Clamp. F. G. Kelly. 1,450,089; Mar. 27.
Clamp. C. H. Kneeland. 1,468,718; Sept. 25.
Clamp. W. F. Marble. 1,474,908; Nov. 20.
Clamp. A. R. McCann. 1,467,182; Sept. 4.
Clamp. G. G. Musted. 1,471,188; Oct. 16.
Clamp. W. H. Otto and W. Ulrich. 1,452,753; Apr. 24.
Clamp. F. Reese. 1,478,254; Dec. 18.
Clamp. H. F. Starrett. 7,472,619; Oct. 30.
Clamp. R. F. Stoppello. 1,458,666; June 12.
Clamp. J. L. Taylor. 1,463,564; July 31.
Clamp. A. J. Thomson. 1,478,268; Dec. 18.
Clamp. J. Watson. 1,441,464; Jan. 9.
Clamp and file guide, Bearing. J. E. Matthews. 1,476,265; Dec. 4.
Clamp bolt. J. W. Mallory and W. M. Johnston. 1,457,182; May 29.
Clamp bolt, Automatic. S. A. Slawson. 1,461,882; July 17.
Clamp-bolt lock. F. Lummer. 1,463,622; July 31.
Clamp for bursted or split pipe, hose, etc., Repair. J. G. Tallman. 1,445,858; Feb. 20.
Clamp for connecting angularly-arranged pieces of material. J. W. Keffer. 1,468,478; Sept. 18.
Clamp support. W. A. Ready. 1,470,642; Oct. 16.
Clamping and supporting tool. E. A. Davis. 1,471,593; Oct. 23.
Clamping collar. A. La Fon. 1,447,253; Mar. 6.
Clamping device. M. J. De Grave. 1,457,150; May 29.
Clamping device, Adjustable. C. E. Burke. 1,444,866; Feb. 13.
Clamping device, Drag-saw-. G. E. Corson. 1,446,452; Feb. 27.
Clamping mechanism. F. C. Becker. 1,467,992; Sept. 18.
Clamping mechanism. H. W. Hacker. 1,453,350; May 1.
Clamps, switches, etc., in electric distributing systems, Manipulating stick for. T. F. Johnson, jr. 1,451,832; Apr. 17.
Clamshell. J. Martin. 1,472,336; Oct. 30.
Clapboard, Stone-finished. R. V. Reynolds. 1,473,253; Nov. 6.
Clarifier, Liquid. E. E. La Duke. 1,471,614; Oct. 23.
Clarifiers, Filter cap for centrifugal. J. Howarth. 1,464,179; Aug. 7.

Clasp: *See*—
Badge-pin clasp.
Bag clasp.
Belt clasp.
Bracelet clasp.
Collar clasp.
Corset clasp.
Curtain clasp.
Envelope clasp.
Garment clasp.
Jewelry clasp.
Lingerie clasp.
Pin clasp.
Shoe clasp.
Spring clasp.
Universal clasp.

Clasp. J. Acito and P. Timen. 1,457,133; May 29.
Clasp. L. R. Barnett. 1,451,316; Apr. 10.
Clasp. F. G. Gruen. 1,448,028; Mar. 13.
Clasp. L. Jabner. 1,459,673–4; June 19.
Clasp. C. G. King. 1,467,483; Sept. 11.
Clasp. J. Montgomery. 1,456,990; May 29.
Clasp. D. H. Neilly. 1,446.058; Feb. 20.
Clasp. F. Peters and W. Thiedge. 1,470,471; Oct. 9.
Clasp. J. E. Rhodes. 1,447,325; Mar. 6.
Clasp. L. J. Roy. Des. 63,435; Dec. 4.
Clasp. R. M. Whitman. 1,443.156; Jan. 23.
Clasp or connecting device. C. Moss. 1,459,310; June 19.
Class ring. G. A. Meell. Des. 63,371; Nov. 27.
Classifier. R. S. Trott. 1,468,844; Sept. 25.
Classifier and dewaterer. C. Allen. 1,447,610; Mar. 6.
Classifier, Hydraulic. R. S. Handy and E. Hearing. 1,476,250; Dec. 4.

Classifying and concentrating apparatus, Mineral. W. W. Richardson. 1,450,515; Apr. 3.
Clay bodies, Apparatus for drying. H. Howson. 1,441,091; Jan. 2.
Clay flux. B. Schmidt. 1,442,585; Jan. 16.
Clay, Method and means for working. R. H. Staley. 1,478,842; Dec. 25.
Clay pots, Apparatus for forming. C. H. McCutcheon. 1,473,791; Nov. 13.
Clay product and preparing same. E. G. Acheson. 1,456,111; May 22.
Clay products, Surfacing. E. V. Poston. 1,477,663; Dec. 18.
Clay, Treatment of. W. Feldenheimer and W. W. Plowman. 1,447,973; Mar. 13.
Clay-working machinery. R. H. McElroy. 1,471,405; Oct. 23.
Cleaner: *See*—
Adjustable sewer cleaner.
Air cleaner.
Blackboard-eraser cleaner.
Bobbin cleaner.
Boiler cleaner.
Boiler-tube cleaner.
Brush cleaner.
Chimney and pipe cleaner.
Chimney cleaner.
Clothes cleaner.
Comb cleaner.
Cotton cleaner.
Dentist's drill cleaner.
Drain cleaner.
Ear and nail cleaner.
Flue cleaner.
Foot cleaner.
Fruit cleaner.
Fuel cleaner.
Gas cleaner.
Grain cleaner.
Meat-block cleaner.
Oil-tube cleaner.
Paper-punch cleaner.
Pea cleaner.
Pen cleaner.
Pipe cleaner.
Pipe-joint cleaner.
Rake cleaner.
Roll cleaner.
Sand cleaner.
Sewer cleaner.
Smokestack cleaner.
Space-band cleaner.
Spark-plug cleaner.
Suction cleaner.
Tube cleaner.
Turbine-flue cleaner.
Vacuum cleaner.
Wheat cleaner.
Window cleaner.
Windshield cleaner.
Yarn cleaner.
Cleaner casing. J. B. Kirby. 1,447,419; Mar. 6.
Cleaner handle, Suction-. H. E. Hoover. 1,469,597; Oct. 2.
Cleaning and polishing fluid. A. M. Snyder. 1,472,402; Oct. 30.
Cleaning apparatus. P. E. Demmler. 1,470,712; Oct. 16.
Cleaning apparatus. W. W. Farnsworth. 1,468,467; Sept. 18.
Cleaning apparatus. J. M. Stepp. 1,454,381; May 8.
Cleaning catch basins, Apparatus for. G. W. Otterson. 1,448,085; Mar. 13.
Cleaning catch basins, Machine for. R. J. Kelly. 1,465,641; Aug. 21.
Cleaning composition. D. E. Hakes and A. Laperou. 1,461,351; July 10.
Cleaning composition. S. P. Killy. 1,449,330; Mar. 20.
Cleaning composition. M. Y. Needle. 1,455,350; May 15.
Cleaning device. W. H. A. Brown. 1,474,994; Nov. 20.
Cleaning device. G. J. Forcier. 1,473,146; Nov. 6.
Cleaning device. H. C. Jones. 1,448,964; Mar. 20.
Cleaning device. J. B. Kirk. 1,455,623; May 15.
Cleaning device. E. F. Merritt. 1,456,394; May 22.
Cleaning device. C. W. Putt. 1,463,925; Aug. 7.
Cleaning device. S. Wodonos. 1,468,431; Sept. 18.
Cleaning device, Air-. C. R. Short and A. L. Cash. 1,461,630; July 10.
Cleaning fluid conducting pipes, Means for. C. Hülsmeyer. 1,449,754; Mar. 27.
Cleaning implement. G. A. Hoyem. 1,461,904; July 17.
Cleaning implement. G. A. Hoyem. 1,475,118; Nov. 20.
Cleaning machine. G. L. Allen and R. C. Thompson. 1,476,133; Dec. 4.
Cleaning machine. P. J. Shampay. 1,460,447; July 3.
Cleaning machine, Boiler-tube-. E. J. McCarty. 1,476,901; Dec. 11.
Cleaning machine, Floor-. A. Dawer. 1,472,208; Oct. 30.
Cleaning machine, Flowerpot-. F. Ikoma. 1,444,420; Feb. 6.
Cleaning paste. C. A. R. Samsioe. 1,460,039; June 26.
Cleaning rods, Combined stop and handle for bore-. E. H. Williams. 1,471,300; Oct. 16.
Cleaning stick. H. W. Routson. 1,460,607; July 3.
Cleaning surface condensers and the like, Device for. C. Hülsmeyer. 1,449,753; Mar. 27.
Cleaning tool. C. R. Berkshire. 1,458,612; June 12.
Cleansing. I. Pollack. 1,452,093; Apr. 17.
Cleansing composition. W. T. Gillett. 1,472,972; Nov. 6.
Clearer, Rotary. A. Cook. 1,474,144; Nov. 13.
Clearing plant with sludge decomposition. K. Imhoff. 1,456,557; May 29.
Cleat. A. J. Thomson. 1,449,461; Mar. 27.
Cleat, Roofing. A. C. Fischer. 1,446,455; Feb. 27.
Cleat, Roofing. A. C. Fischer. 1,477,167; Dec. 11.
Cleaver and tenderer, Meat. O. H. Pershing. 1,467,949; Sept. 11.
Clevis. D. Ryson. 1,456,680; May 29.
Click box. H. L. Blood. 1,475,274; Nov. 27.
Clicking-machine block. W. L. Tourtellot. 1,443,327; Jan. 23.
Climbing structure. S. Hinton. 1,471,465; Oct. 23.
Clinometer. A. S. Aegerter. 1,466,261; Aug. 28.
Clip: *See*—
Cable clip.
Collar clip.
Concrete tie clip.
Door clip.
Electrical testing clip.
Film clip.
Lingerie clip.
Paper clip.
Pencil clip.
Pencil-holding clip.
Pin clip.
Pocket clip.
Putty clip.
Rail clip.
Shoe-tongue clip.
Spring clip.
Clip. G. Andersen. 1,462,591; July 24.
Clip. R. W. Cook. 1,462,193; July 17.
Clip. G. B. Dusinberre. 1,464,151; Aug. 7.
Clip. J. E. Grace. 1,467,931; Sept. 11.
Clip. M. P. Harvey. 1,456,551; May 29.
Clip. P. E. Long and E. R. Cornwell. 1,449,684; Mar. 27.
Clip. T. M. Woyton. 1,443,246; Jan. 23.
Clip-forming machine. G. B. Collins. 1,446,615; Feb. 27.
Clip guide. W. H. Parrott. 1,462,300; July 17.
Clip hook. O. Crosby. 1,453,706; May 1.
Clip or staple. F. J. Yetter. 1,454,783; May 8.
Clipper. W. L. Dodson. 1,469,072; Sept. 25.
Clipper. L. J. Wahl. 1,471,536; Oct. 23.
Clipper, Electric. M. H. Kotzebue. 1,469,654; Oct. 2.
Clipper, Electric. L. J. Wahl. 1,474,128; Nov. 13.
Clipper machines, Attachment for rotary. F. G. Stuart. 1,452,624; Apr. 24.
Clippers, Grass. E. Petrick6. 1,449,438; Mar. 27.
Clipping machine. C. W. Harvey. 1,450,499; Apr. 3.
Clock. T. S. Casner. 1,454,955; May 15.
Clock. P. Ginelewitz. Des. 62,005; Feb. 27.
Clock. L. A. Hammarlund. 1,441,279–80; Jan. 9.
Clock. W. A. Hicks. 1,446,182; Feb. 20.
Clock. E. M. Jones. Des. 62,452; June 5.
Clock. M. H. Kern. 1,465,045; Aug. 14.
Clock, Advertising. D. L. Hoover. 1,464,475; Aug. 7.
Clock, Alarm. J. S. Hartley. 1,445,017; Feb. 13.
Clock, Alarm. P. S. Luttrell and P. C. Roske. 1,466,843; Sept. 4.
Clock, Alarm. P. Lux. 1,462,142; July 17.
Clock, Alarm. R. S. Watt. 1,457,919; June 5.
Clock and letter balance, Combined. G. Günther. 1,471,956; Oct. 23.
Clock case. J. H. McDaniel. Des. 62,839; Aug. 7.
Clock case. R. H. Whitehead. Des. 62,629; July 3.
Clock case. R. H. Whitehead. Des. 63,013–14; Sept. 4.
Clock case. R. H. Whitehead. Des. 63,673–4; Dec. 25.
Clock casing. J. Wilcox, jr. 1,442,758; Jan. 16.
Clock, Chime. F. Wehinger. 1,466.008; Aug. 28.
Clock, Chime and strike. W. E. Porter. 1,465,090; Aug. 14.
Clock dial, Electric illuminated. M. Dandy. 1,441,069; Jan. 2.
Clock, Electric. E. Fowler. 1,458,647; June 12.
Clock, Electric alarm. E. N. Burleigh. 1,469,887; Oct. 9.
Clock mechanism. M. Picciotti. 1,472,532; Oct. 30.
Clock mechanisms, Automatic winding means for. H. W. Souder. 1,471,314; Oct. 16.
Clock movement. W. E. Porter. 1,478,759; Dec. 25.
Clock movements, Self-contained, removable power unit for. W. E. Porter. 1,459,343; June 19.
Clock, Range. E. Meitner. 1,455,799; May 22.
Clock, Secondary. F. J. Reilly. 1,448,816; Mar. 20.
Clock, Secondary electric. T. S. Casner. 1,454,954; May 15.
Clock, Self-winding. J. T. A. Gaucher. 1,449,982; Mar. 27.
Clock, Self-winding. F. J. Reilly. 1,448,815; Mar. 20.
Clock springs, Pivotal guard for. F. Wehinger. 1,440,426; Jan. 2.
Clock stand and pad support, Combination. S. S. Morris. Des. 62,535; June 19.
Clock, Striking and chiming. C. F. Johnston and H. N. Walford. 1,468,267; Sept. 18.
Clock, Warping-machine. A. Saulnier. 1,442,541; Jan. 16.
Clock, Weight-releasing. S. E. Tidey. 1,447,496; Mar. 6.
Clock with automatically-lighted lamp, Alarm. O. Lamacchia. 1,466,023; Aug. 28.
Clocks, Alarm-controlling mechanism for. T. S. Casner. 1,459,876; June 26.
Clocks and the like, Driving mechanism for. K. Silbermann. 1,461,739; July 17.
Clocks, Chime-rod holder for. W. J. Herschede and W. Eberhardt. 1,455,024; May 15.
Clocks, Support for alarm. J. Oppenheim. 1,475,137; Nov. 20.
Clocks, Synchronizer for secondary. P. Mansel. 1,476,261; Dec. 4.
Clod crusher. O. Caron. 1,452,184; Apr. 17.
Closet: *See*—
Water-closet.
Closet. E. G. Watrous. 1,472,259; Oct. 30.
Closet bowls, Installing water-. C. Dwyer. 1,476,498; Dec. 4.
Closet mold and molding. G. W. Bowers. 1,447,529; Mar. 6.
Closet, Sanitary dry. E. J. Owen. 1,468,829; Sept. 25.
Closet-seat bumper. T. J. Florey. 1,469,503; Oct. 2.
Closet seats, Bidet for. R. C. N. Cook. 1,455,905; May 22.

Closet tanks, Hard-rubber flush ball for water-. J. Phillips. 1,474,286; Nov. 13.
Closet, Water-. P. Haas. 1,441,576; Jan. 9.
Closing machine. K. Kiefer. 1,444,879; Feb. 13.
Closure. J. W. Cripe. 1,467,609; Sept. 11.
Closure. A. H. Johnson. 1,450,857; Apr. 3.
Closure. G. J. Mack. 1,441,697; Jan. 9.
Closure. H. C. Richardson and H. F. Vaché. 1,473,408; Nov. 6.
Closure. L. Rupert. 1,452,391; Apr. 17.
Closure. R. Sorgan. 1,448,094; Mar. 13.
Closure. H. E. Townsend. 1,445,729; Feb. 20.
Closure-applying apparatus. C. J. Kryzanowsky. 1,447,389; Mar. 6.
Closure device. M. Hornstein. 1,461,242; July 10.
Closure device. W. J. Kemler. 1,450,090; Mar. 27.
Closure, Foldable. F. G. Walker. 1,463,346–7; July 31.
Closure members, Adjustable weather strip and stop for. H. E. Tripp. 1,443,295; Jan. 23.
Closure-operating means. H. E. Brummel. 1,444,105; Feb. 6.
Closure operator. O. C. Johnson. 1,445,692; Feb. 20.
Closure plug. E. L. Lanfair. 1,463,426; July 31.
Closures with seals, Machine for providing. C. O. Berg. 1,477,418; Dec. 11.
Cloth, Apparatus for marking sign-painters'. H. E. Graham. 1,468,446; Sept. 18.
Cloth, Cleaning. J. Ritzenthaler. 1,478,914; Dec. 25.
Cloth-cutting machine. M. Breth. 1,445,820; Feb. 20.
Cloth-cutting machine. A. Kirn. 1,445,325; Feb. 13.
Cloth-cutting machine. C. J. McGee. 1,445,501; May 15.
Cloth, etc., Means and method of manufacturing interfolded pieces of. I. E. Heller. 1,443,363; Jan. 30.
Cloth examining and measuring machine. H. D. Brenner. 1,446,495–6; Feb. 27.
Cloth fastener. A. W. Scott. 1,448,679; Mar. 13.
Cloth folding and measuring device. A. A. Leander. 1,449,049; Mar. 20.
Cloth folding and measuring machine. H. D. Brenner. 1,446,494; Feb. 27.
Cloth-folding machines, Tensioning device for. W. P. Levy. 1,469,728; Oct. 2.
Cloth for clothing, Machine for treating bolts of. C. E. Murray. 1,450,701; Apr. 3.
Cloth holder. J. Pabst. 1,478,672; Dec. 25.
Cloth holder, Bath and scrubbing. C. Blomstrom. 1,467,086; Sept. 4.
Cloth-laying machine. G. Soylian. 1,458,896; June 12.
Cloth-marking device. W. Webber. 1,468,184; Sept. 18.
Cloth of animal fiber, Permanent embossment of. H. Funasaka. 1,476,705; Dec. 11.
Cloth-piling machine. P. W. Bidwell. 1,478,846; Dec. 25.
Cloth-piling machine. J. F. Brindley. 1,452,825; Apr. 24.
Cloth, Press. W. A. Lee. 1,444,253; Feb. 6.
Cloth pressing and steaming device. J. Brunelli. 1,453,433; May 1.
Cloth, Reed for weaving wire. H. Lindsay. 1,455,537; May 15.
Cloth-spreading machine. M. Dorman. 1,475,802; Nov. 27.
Cloth stitching and cutting machine. F. R. Evans. 1,472,410; Oct. 30.
Cloth-surfacing device. W. E. Ross. 1,468,403; Sept. 18.
Cloth-trimming device. O. Luscher. 1,469,422; Oct. 2.
Cloth-winding machine. V. Olb. 1,465,479; Aug. 21.
Clothes bag. B. I. Rike. 1,475,410; Nov. 27.
Clothes basket, Portable. T. Glock. 1,462,133; July 17.
Clothes boiler. M. Rolfe. 1,457,273; May 29.
Clothes cleaner. W. E. McMordie. 1,478,973; Dec. 25.
Clothes-cleaner casing, Vacuum-. R. E. Gearhart, O. D. Stewart, and L. A. Heckel. Des. 63,076; Oct. 2.
Clothes container. V. B. Rogers. 1,473,161; Nov. 6.
Clothes drier. E. Butler. 1,467,226; Sept. 4.
Clothes drier. E. O. De Camp. 1,463,615; July 31.
Clothes drier. G. F. De Grasse. 1,471,328; Oct. 23.
Clothes drier. M. Needler. 1,474,281; Nov. 13.
Clothes drier. H. G. Wood. 1,476,667; Dec. 4.
Clothes drier, Portable. F. C. Sullivan. 1,470,653; Oct. 16.
Clothes-drying apparatus. H. Cave. 1,452,066; Apr. 17.
Clothes-drying apparatus. V. Ferrara. 1,452,496; Apr. 24.
Clothes-drying device. R. M. Overton. 1,470,242; Oct. 9.
Clothes guard. E. Sterling. 1,447,158; Feb. 27.
Clothes-handling mechanism. W. R. Hager. 1,465,433; Aug. 21.
Clothes hanger. E. Gadda. 1,466,525; Aug. 28.
Clothes hanger. H. Haills. Des. 62,058; Mar. 13.
Clothes hanger. F. G. Wheeler. 1,465,659; Aug. 21.
Clothes hanger and trousers creaser, Combination. E. V. Bowe. 1,463,003; July 24.
Clothes hanger, Foldable. A. Vandeventer. 1,447,741; Mar. 6.
Clothes hook. S. P. Mistrot. 1,467,553; Sept. 11.
Clothes, jam, etc., for steaming food, etc., Apparatus for cooking. P. Spaleck. 1,445,244; Feb. 13.
Clothesline. F. Toth and K. Gombos. 1,451,557; Apr. 10.
Clothesline and post. W. O. Gourley. 1,444,344; Feb. 6.
Clothesline bracket. R. Wardhough. 1,472,705; Oct. 30.
Clothesline bracket. I. A. Wasilieff. 1,457,720; June 5.
Clothesline bracket, Safety. J. P. Munford. 1,462,241; July 17.
Clothesline clamp. A. Bettinardi. 1,472,042; Oct. 30.
Clothesline clamp. P. Jenonis. 1,457,576; June 5.
Clothesline fastener. L. Aime. 1,460,333; June 26.
Clothesline fastener. E. Bear. 1,463,456; July 31.
Clothesline hitch. D. Holliday. 1,445,683; Feb. 20.
Clothesline holder. J. P. Cunningham. 1,468,699; Sept. 25.
Clothesline holder. J. C. McConnal. 1,445,636; May 15.
Clothesline holder. H. W. Steinkraus. 1,478,803; Dec. 25.
Clothesline holder and tightener. H. A. Tham and R. J. Weaver. 1,453,027; Apr. 24.
Clothesline hook. W. W. Thompson. 1,448,473; Mar. 13.
Clothesline pole. E. H. Kreuser. 1,476,623; Dec. 4.
Clothesline post. W. L. Hotopp. 1,458,654; June 12.
Clothesline reel. S. Chatterton. 1,443,004; Jan. 23.
Clothesline reel. L. Medved. 1,456,704; May 29.
Clothesline reel. J. Miessner. 1,453,157; Apr. 24.
Clothesline reel. G. E. Sherwin. 1,470,886; Oct. 16.
Clothesline support. J. Pedersen. 1,459,115; June 19.
Clothesline support and protector. C. A. Tilly and P. J. McGuire. 1,464,958; Aug. 14.
Clothesline tightener. D. R. Schoonover. 1,469,112; Sept. 25.
Clotheslines, Attachment for. E. B. Swindle. 1,466,570; Aug. 28.
Clothes peg. J. W. Rooney. 1,478,530; Dec. 25.
Clothespin. P. Campbell. 1,463,670; July 31.
Clothespin. E. F. L. Fritz. 1,477,256; Dec. 11.
Clothespin. W. O. Gadd. 1,457,969; June 5.
Clothespin. C. W. Littlefield. 1,443,229; Jan. 23.
Clothespin. L. N. Oswald. 1,461,982; July 17.
Clothespin. P. C. Partenio. 1,478,353; Dec. 18.
Clothespin. J. T. Pilkington. 1,468,543; Sept. 18.
Clothespin. W. E. Schneider. 1,468,884; Sept. 25.
Clothespin. F. Shepherd. 1,468,037; Sept. 18.
Clothespin. F. W. Vogel. 1,446,362; Feb. 20.
Clothespin bag. H. S. Salisbury. 1,476,423; Dec. 4.
Clothespin carrier. J. R. McMath. 1,476,991; Dec. 11.
Clothes-pressing machines, Vacuum attachment for. G. Peacock. 1,454,403; May 8.
Clothesrack. M. Feldman. 1,464,904; Aug. 14.
Clothesrack. F. Gmeinwieser. 1,442,395; Jan. 16.
Clothesrack. W. Luxmore. 1,440,880; Jan. 2.
Clothesracks and similar devices, Adjusting mechanism for. E. D. Sutton. 1,466,859; Sept. 4.
Clothes reel. W. J. Coulter. 1,475,369; Nov. 27.
Clothes stick. W. W. Crocker. 1,457,727; June 5.
Clothes stick, Laundry. A. S. Pratt. 1,465,175; Aug. 14.
Clothes wringer. T. W. Behan. 1,457,419; June 5.
Clothes wringer. J. N. Derschug. 1,467,267; Sept. 4.
Clothes wringer. O. Heisler. 1,468,447; Sept. 18.
Clothes wringer. G. N. Meves. 1,466,914; Sept. 4.
Clothes wringer. C. E. Reddig. 1,461,226; July 10.
Clothes wringer. F. G. Schranz. 1,468,924; Sept. 25.
Clothes wringer. F. G. Schranz and W. H. Harman. 1,468,925; Sept. 25.
Clothes-wringer frame. A. O. Hubbard. 1,473,769; Nov. 13.
Clothes-wringer mechanism. W. H. Huenergardt. 1,468,814; Sept. 25.
Clothes wringers, Automatically-reversing drain board for. E. P. Cowles. 1,453,337; May 1.
Clothes wringers, Mounting for centrifugal. J. F. Geibel. 1,474,323; Nov. 13.
Clothes wringers, Pressure release for. R. P. Wright. 1,471,640; Oct. 23.
Clothing, etc., Wrapper for. J. D. Hudec. 1,474,826; Nov. 20.
Clothing hook. E. Poelle. 1,445,037; Feb. 13.
Cloths, Tacky. A. F. French. 1,468,380; Sept. 18.
Clutch. A. Adamson. 1,442,241; Jan. 16.
Clutch. L. E. Anderson. 1,440,575; Jan. 2.
Clutch. L. Badois. 1,444,361; Feb. 6.
Clutch. M. H. Ballard. 1,475,926; Dec. 4.
Clutch. M. W. Chipman. 1,455,901; May 22.
Clutch. V. Colliau. 1,475,564; Nov. 27.
Clutch. J. W. Crowley, jr. 1,450,202; Apr. 3.
Clutch. H. P. Eilers. 1,460,234; June 26.
Clutch. H. D. Grinnell. 1,468,349; Sept. 18.
Clutch. W. B. Gross. 1,450,804; Apr. 3.
Clutch. A. P. Hamilton. 1,455,587; May 15.
Clutch. J. Jamison. 1,478,656; Dec. 25.
Clutch. J. and C. Klepper. 1,473,564; Nov. 6.
Clutch. J. W. Larimore. 1,447,024; Feb. 27.
Clutch. W. L. Lindgren. 1,472,479–80; Oct. 30.
Clutch. J. Magda. 1,444,158; Feb. 6.
Clutch. W. Maier. 1,456,324; May 22.
Clutch. A. Moorhouse. 1,455,848; May 22.
Clutch. W. F. Morse. 1,459,851; June 26.
Clutch. J. H. Parsons. 1,446,657; Feb. 27.
Clutch. C. F. Pearson. 1,448,860; Mar. 20.
Clutch. L. K. Scotford. 1,463,975; Aug. 7.
Clutch. A. A. and R. E. Smith. 1,460,217; June 26.
Clutch. E. W. Sohlman. 1,446,218; Feb. 20.
Clutch. W. C. Stevens. 1,453,202; Apr. 24.
Clutch. C. E. Swenson. 1,460,454; July 3.
Clutch. C. Ter Cock. 1,475,470; Nov. 27.
Clutch. J. M. Tolles. 1,443,445; Jan. 30.
Clutch. J. Whisler. 1,471,226; Oct. 16.
Clutch. S. O. White. 1,464,489; Aug. 7.
Clutch. A. H. Wilson. 1,472,710; Oct. 30.
Clutch. D. W. Wood. 1,460,303; June 26.

Clutch. C. Zetterlund. 1,447,585; Mar. 6.
Clutch actuator and brake. W. F. Reineke. 1,459,258; June 19.
Clutch and brake control, Combined. E. G. Staude. 1,447,908; Mar. 6.
Clutch and brake device, Combined. W. F. Groene. 1,474,112; Nov. 13.
Clutch and brake lever supporting bracket. A. G. Geistert. 1,469,258; Oct. 2.
Clutch and brake lock. M. G. Williams and A. Robechaud. 1,442,203; Jan. 16.
Clutch and brake mechanism, Combined. I. Hupp. 1,474,365; Nov. 20.
Clutch and brake pedal mechanism. A. T. Sturt. 1,473,407; Dec. 25.
Clutch and tension device, Friction. P. G. Truebe. 1,442,417; Jan. 16.
Clutch, Automatic tensioning apparatus for closing the parts of a. E. Schneider. 1,472,855; Nov. 6.
Clutch band. J. Malligan and C. R. Lytle. 1,477,577; Dec. 18.
Clutch bands, Means to restore the operation of. W. J. Gallagher. 1,442,719; Jan. 16.
Clutch, Bobbin. G. H. Magrath. 1,478,789; Dec. 25.
Clutch-closing mechanism. E. Schneider. 1,472,854; Nov. 6.
Clutch cone. M. B. Covert. 1,444,168; Feb. 6.
Clutch control. J. F. Ballak. 1,476,578; Dec. 4.
Clutch control. O. G. Stark. 1,455,676; May 15.
Clutch control and governor. B. C. Small. 1,470,773; Oct. 16.
Clutch-control mechanism. G. E. Hallenbeck. 1,460,155; June 26.
Clutch control, Pneumatic-. W. A. Gordon. 1,465,431; Aug. 21.
Clutch-controlling means. C. A. Peters. 1,467,681; Sept. 11.
Clutch, Dry-plate. O. E. Fishburn. 1,457,221; May 29.
Clutch for transmitting rotative motion from a driven shaft to a driving shaft, Hydraulic. E. F. McCarthy. 1,473,487; Nov. 6.
Clutch, Free-wheel. J. F. Defordt. 1,443,248; Jan. 23.
Clutch, Friction. A. B. Browne. 1,461,573; July 10.
Clutch, Friction. A. B. Browne. 1,472,114; Oct. 30.
Clutch, Friction. C. H. Dooley. 1,444,782; Feb. 13.
Clutch, Friction. T. L. Fawick. 1,464,173; Aug. 7.
Clutch, Friction. G. Frink. 1,449,171; Mar. 20.
Clutch, Friction. E. O. Hamren. 1,473,626; Nov. 13.
Clutch, Friction. W. Klocke. 1,452,609; Apr. 24.
Clutch, Friction. G. Marotta. 1,469,564; Oct. 2.
Clutch, Friction. C. G. Oberley and R. Grignon. 1,452,349; Apr. 17.
Clutch, Friction. C. F. Pearson. 1,448,861; Mar. 20.
Clutch, Friction. H. A. Smith, W. Le Gendre, and B. Harbison. 1,465,492; Aug. 21.
Clutch, Friction. E. W. Starkey. 1,464,251; Aug. 7.
Clutch governor. J. M. Vawter. 1,454,800; May 8.
Clutch holder. F. F. Wunder. 1,450,316; Apr. 3.
Clutch, Hydraulic. E. S. Grafenstatt. 1,450,679; Apr. 3.
Clutch, Hydraulic. C. N. Kahl. 1,471,338; Oct. 23.
Clutch, Hydraulic. W. W. Sides and E. F. Preston. 1,474,007; Nov. 13.
Clutch, Hydraulic. W. S. Weston. 1,458,565; June 12.
Clutch jaws, Facing for. C. F. Rohwer. 1,473,735; Nov. 13.
Clutch lock. W. F. Krenz. 1,447,348; Mar. 6.
Clutch, Master. W. Turnbull. 1,455,460; May 15.
Clutch mechanism. B. Cooper. 1,470,321; Oct. 9.
Clutch mechanism. J. Hren and C. Eisenlohr. 1,466,832; Sept. 4.
Clutch mechanism. W. Kennedy. 1,464,077; Aug. 7.
Clutch mechanism. J. Lauth. 1,470,268; Oct. 9.
Clutch mechanism. C. E. Reddig. 1,462,046; July 17.
Clutch mechanism G. Slider. 1,463,490; July 31.
Clutch mechanism. G. O. Terry. 1,442,106; Jan. 16.
Clutch mechanism. E. Toman. 1,441,643; Jan. 9.
Clutch mechanism. C. F. and T. C. Waterman. 1,445,462; Feb. 13.
Clutch mechanism, Friction-. J. A. Bried. 1,471,721; Oct. 23.
Clutch mechanism, Friction-. M. McCann. 1,456,320; May 22.
Clutch mechanism, Friction-. A. E. Robinson. 1,446,129; Feb. 20.
Clutch, Multiple spring. A. T. Sturt. 1,472,697; Oct. 30.
Clutch-operating device. A. B. Thompson. 1,461,256; July 10.
Clutch-operating mechanism. B. M. Fine. 1,472,411; Oct. 30.
Clutch-operating mechanism. I. Patrick and J. W. Halstead. 1,441,112; Jan. 2.
Clutch-operating mechanism. C. G. Wood. 1,475,979; Dec. 4.
Clutch or coupler, Hydraulic. H. S. Hele-Shaw. 1,462,600; July 24.
Clutch, Overrunning. T. H. Duncombe. 1,453,548; May 1.
Clutch pedal. E. S. Grafenstatt. 1,464,905; Aug. 14.
Clutch-pedal attachment. E. S. Engle. 1,461,771; July 17.
Clutch-pedal control, Auxiliary-. T. J. Brady. 1,476,585; Dec. 4.
Clutch-pedal lock. H. N. Fuller. 1,443,949–50; Feb. 6.
Clutch-pedal-operating device. H. O. Conrad. 1,472,513; Oct. 30.
Clutch pedals, Lever control for. S. A. Sandberg and A. F. Jeanblanc. 1,452,170; Apr. 17.
Clutch, Pneumatic. C. E. G. Johnson. 1,450,441; Apr. 3.
Clutch, Power-transmission. O. L. Lewis. 1,463,327; July 31.
Clutch, Radial-cylinder hydraulic. H. S. Hele-Shaw. 1,466,622; Aug. 28.
Clutch release, Automatic. E. S. Russell. 1,450,757; Apr. 3.
Clutch, Self-acting friction. F. Graf and J. W. Svensson. 1,451,506; Apr. 10.
Clutch-shifting mechanism. L. P. Story. 1,456,289; May 22.
Clutch-spring remover. N. Verdoorn. 1,451,852; Apr. 17.
Coaches, Inside stairway and folding door for double-deck motor. A. E. Hutt. 1,476,974; Dec. 11.
Coal and the like, Apparatus for washing. R. A. Henry. 1,477,955; Dec. 18.
Coal and like substances and impurities mingled therewith, Method of and apparatus for separating. W. D. Althouse. 1,455,469; May 15.
Coal and other minerals, Apparatus for washing and sorting. A. France. 1,464,035; Aug. 7.
Coal, Apparatus for loading. J. A. Forsyth. 1,476,882; Dec. 11.
Coal, Apparatus for producing, separating, and feeding powdered. E. H. Elzemeyer and P. S. Knittel. 1,449,169; Mar. 20.
Coal apparatus, Powdered-. A. J. Grindle. 1,457,521–2; June 5.
Coal, Artificial. L. Robinson. 1,454,410; May 8.
Coal, Bar. W. F. McDevitt. 1,466,405; Aug. 28.
Coal box. W. E. Benson. 1,458,024; June 5.
Coal breaker. F. Pardee. 1,477,848; Dec. 18.
Coal-carbonizing furnace. H. L. Doherty. 1,449,591; Mar. 27.
Coal coking. S. R. Illingworth. 1,462,576; July 24.
Coal coking. S. R. Illingworth. 1,450,888; Apr. 3.
Coal conveyer. O. E. Barene. 1,478,812; Dec. 25.
Coal cutter. M. S. Moore. 1,471,975; Oct. 23.
Coal cutting and loading machine. F. K. Holmested. 1,478,280–1; Dec. 18.
Coal-cutting and similar machine. M. S. Moore. 1,455,925; May 22.
Coal-cutting chains, Cutting link for. C. N. Barton. 1,469,576; Oct. 2.
Coal-cutting machine and tool. I. Etrich and R. Wannenmacher. 1,472,641; Oct. 30.
Coal drills, Cutter head for. C. T. Chapman. 1,443,344; Jan. 30.
Coal elevating and conveying apparatus. R. MacEachen. 1,448,756; Mar. 20.
Coal, etc., from ships' holds, trucks, or the like, Means for use in the discharging of. P. J. Cavanagh. 1,468,003; Sept. 18.
Coal for coking, Preparing. H. Dannettell. 1,475,543; Nov. 27.
Coal in heating boilers, Means for insuring complete combustion of. R. W. Burckhardt. 1,450,201; Apr. 3.
Coal jig. M. P. Lewellen and H. S. Arnold. 1,448,668; Mar. 13.
Coal jig. G. W. Wilmot and F. H. Blatch. 1,451,287; Apr. 10.
Coal jigs, Skimming device for. E. T. Anderson and W. Morgan. 1,455,854; May 22.
Coal-leveling gate. J. Dever. 1,448,337; Mar. 13.
Coal-loading machine. P. H. Burnell. 1,449,088; Mar. 20.
Coal-loading machine. J. F. Joy. 1,445,084; Feb. 13.
Coal-loading machine. J. F. Joy. 1,445,087; Feb. 13.
Coal, minerals, or the like, Washer for classifying. L. Malécot. 1,462,418; July 17.
Coal or like briquettes, Manufacture of. H. G. Lloyd. 1,458,716; June 12.
Coal or wood carrier. G. M. Lewis. 1,453,629; May 1.
Coal, Process and apparatus for burning powdered. A. G. Kinyon. 1,444,421; Feb. 6.
Coal, Screening. R. G. Lawry. 1,444,195; Feb. 6.
Coal, shale, etc., Apparatus for devolatilizing. C. M. Garland. 1,460,414; July 3.
Coal, slate, or other bituminous substances, Apparatus for the semicoking of. K. Prinz Zu Löwenstein. 1,460,024; June 26.
Coal, System and apparatus for conveying. K. Davis. 1,467,845; Sept. 11.
Coal-tipple attachment. E. H. Hersh. 1,461,844; July 17.
Coal trimmer. G. F. Wieseckel. 1,452,012; Apr. 17.
Coaling device. E. F. Siptroth. 1,457,400; June 5.
Coaling station, Shallow-pit. R. S. Jacobsen. 1,472,597; Oct. 30.
Coaster. F. Davis. 1,444,238; Feb. 6.
Coaster. A. Huber. 1,470,921; Oct. 16.
Coaster. F. W. Wallace. 1,468,682; Sept. 25.
Coaster and chair, Combined. T. J. Stone. 1,461,406; July 10.
Coaster and scooter, Convertible. W. W. Wynne. 1,444,295; Feb. 6.
Coaster brake. N. W. Baechle. 1,464,465; Aug. 7.
Coaster brake. C. M. Davis. 1,454,707; May 8.
Coaster brake, Means for holding the stationary element of a. C. Goodchild. 1,456,103; May 22.

Coaster brake with back-pedaling device. G. T. Malan. 1,471,274; Oct. 16.
Coaster safety appliance, Roller-. M. J. Neary. 1,454,760; May 8.
Coasting appliance. B. L. Solbjor. 1,440.565; Jan. 2.
Coat adjuster. E. P. Le Compte. 1,458,066; June 5.
Coat and the like. H. M. Lindenthal. 1,471,902; Oct. 23.
Coat hanger. E., S., and M. Klein. 1,470,925; Oct. 16.
Coat hanger. H. Rosenthal. 1,444.525; Feb. 6.
Coat hanger, Collapsible. C. F. Brinkman. 1,453,000; Apr. 24.
Coat, Rain and storm. F. E. Toniutti. 1,477,788; Dec. 18.
Coat, Reversible. H. J. Yaghubian. 1,477,744; Dec. 18.
Coated fabric. L. Kirkpatrick. 1,468,818; Sept. 25.
Coated or impregnated body and preparing the same. H. A. Gardner. 1,463,884; Aug. 7.
Coating. J. A. Daly. 1,472,244; Oct. 30.
Coating. E. E. Schumacher. 1,467,398; Sept. 11.
Coating and binding fabrics, Composition for. H. Frood. 1,463,780; July 31.
Coating and drying fabric and other material, Method and apparatus for. P. S. Smith. 1,470,650; Oct. 16.
Coating and treating materials. J. L. Herman. 1,477,703; Dec. 18.
Coating and welding apparatus, Metal. A. F. Jenkins. 1,441,094; Jan. 2.
Coating and winding machine, Combined. J. J. Weldon.
Coating apparatus. I. C. Buckminster. 1,476,047; Dec. 4.
Coating apparatus. W. G. Cheney. 1,448,726; Mar. 20.
Coating apparatus. J. W. Cosgrove and G. J. Julian. 1,463,801; Aug. 7.
Coating apparatus. G. J. Julian. 1,476,015; Dec. 4.
Coating apparatus. C. B. Tibbetts. 1,467,343; Sept. 11.
Coating, Apparatus for applying. H. W. Day. 1,475,372; Nov. 27.
Coating, Apparatus for applying. L. H. Parker and H. W. Day. 1,463,332; July 31.
Coating appliance. E. Nordell. 1,466,456; Aug. 28.
Coating composition. A. Duke. 1,460,317; June 26.
Coating composition and paper material coated therewith. W. L. Wright. 1,474,503; Nov. 20.
Coating device. C. H. Macdonald and L. L. Salfisberg. 1,463,476; July 31.
Coating machine. C. L. Hooper, R. F. Sutherland, and A. W. Parkhouse. 1,463,362; July 31.
Coating machine. Z. Ostenberg. 1,470,540; Oct. 9.
Coating machine. F. H. Woolf. 1,460,189; June 26.
Coating-machine block adjuster. Z. Ostenberg. 1,466,184; Aug. 28.
Coating machine, Spectacle-frame-. A. E. Maynard. 1,454,177; May 8.
Coating material from coated articles, Removal of excess. C. L. Peirce, jr. 1,472,228; Oct. 30.
Coating material, Method and apparatus for. P. Schwerin. 1,461,228; July 10.
Coating mechanism. F. M. Peters and W. H. Hungerford. 1,440,624; Jan. 2.
Coating or decorating apparatus. A. Sönsthagen. 1,458,368; June 12.
Coating or impregnating agent, Oilproof. A. J. Rowland. 1,469,128; Sept. 25.
Coating or inking device. F. A. Cobb. 1,475,687; Nov. 27.
1,456,494; May 22.
Coating, sealing, and the like, Composition for. H. H. Warmund. 1,442,752; Jan. 16.
Coating surfaces, Composition of matter for. C. A. Keedwell. 1,476,016; Dec. 4.
Coats and making the same. W. R. Mestice. 1,464,880; Aug. 14.
Cobalt and chromium, Electrodepositing. H. C. Peffer and H. C. Pierce. 1,465,173; Aug. 14.
Cock. J. W. Barry. 1,447,231; Mar. 6.
Cock, Angle. E. P. Clauss. 1,459,654; June 19.
Cock, Automatic angle. F. D. Sprague. 1,452,473; Apr. 17.
Cock, Ball. G. W. Nash. 1,478,989; Dec. 25.
Cock, Ball. H. Stoffel. 1,466,767; Sept. 4.
Cock, Ball. I. E. Stump. 1,477,393; Dec. 11.
Cock, Compression. P. Mueller. 1,452,811; Apr. 24.
Cock device, Angle-. C. C. Farmer. 1,471,115; Oct. 16.
Cock device, Cut-out-. C. C. Farmer. 1,447,652; Mar. 6.
Cock, Drain. O. A. Smith and A. J. Weatherhead, jr. 1,465,952; Aug. 28.
Cock, Gas. R. S. Hilaire. 1,470,979; Oct. 16.
Cock, Gas. G. Lange. 1,477,133; Dec. 11.
Cock, Gauge. B. B. Wittam. 1,473,068; Nov. 6.
Cock holder, Angle-. C. M. Hannaford. 1,455,609; May 15.
Cock, Locking-handle. C. C. Farmer. 1,447,651; Mar. 6.
Cock, Pet. J. F. Graham. 1,467,932; Sept. 11.
Cock, Receptacle-actuated. P. Mueller and A. C. Schuermann. 1,441,995; Jan. 9.
Cock, Shut-off. G. C. Hanley. 1,466,828; Sept. 4.
Cocks, Lock bolt for gas-service. F. W. Jauch. 1,467,000; Sept. 4.
Cocoa butter and recovering same. T. J. Neilan and G. W. Zobanaky. 1,467,587; Sept. 11.
Cocoa product, Making. N. H. de Graaf. 1,447,013; Feb. 27.
Coconut-husking machine. D. Tenney and W. D. Walsh. 1,475,459; Nov. 27.
Coconut meats and product obtained thereby, Preparing and preserving. W. W. Willison. 1,444,408; Feb. 6.
Coconuts, Means for stripping the husks from. O. Elsworth. 1,468,011; Sept. 18.
Code. B. C. Silva. 1,445,605; Feb. 13.
Code table. C. F. Wood. 1,455,157; May 15.
Coding and decoding device. A. Newell. 1,441,109; Jan. 2.
Coffee, Automatic machine for the rapid or direct preparation of. C. Di Paola. 1,467,778; Sept. 11.
Coffee-brewing apparatus. F. H. Simonton. Re15,707; Oct. 30.
Coffee cartridge. C. B. Holland. 1,454,739; May 8.
Coffee for each one drawn from an urn, Apparatus for and process of automatically percolating a fresh quantity of. V. C. Kreutz. 1,457,037; May 29.
Coffee-drying machine. M. A. Villavicencio. 1,470,703; Oct. 16.
Coffee extractor. M. H. Rieckmann. 1,471,752; Oct. 23.
Coffee grinder and meat choppers, Driving mechanism for combined. L. Zoergiebel. 1,465,505; Aug. 21.
Coffee infuser. I. D. Richheimer. 1,456,010; May 22.
Coffee, Making. A. S. Oldham. 1,478,908; Dec. 25.
Coffee-making apparatus. A. W. Meyer. 1,462,610; July 24.
Coffee-making machine. R. F. Bossini. 1,473,898; Nov. 13.
Coffee making or brewing machine. V. Casoletti. 1,462,322; July 17.
Coffee mill. C. M. Nevius. 1,459,790; June 26.
Coffee percolator. J. L. Lemoine. 1,468,642; Sept. 25.
Coffeepot. W. F. Bailey. 1,449,966; Mar. 27.
Coffeepot. V. Benedek. 1,453,489; May 1.
Coffeepot. R. F. Brenner and F. A. Murrin. 1,472,901; Nov. 6.
Coffeepot. G. E. Curtiss. Des. 63,637; Dec. 25.
Coffeepot. S. Di Trapani and J. Fecarotta. 1,471,389; Oct. 23.
Coffeepot attachment. W. C. Ong. 1,468,411; Sept. 18.
Coffeepot, Drip. D. G. Sell. 1457,317; June 5.
Coffee pot or similar article. A. J. Flauder. Des. 63,290; Nov. 20.
Coffee, Preparing of dry and soluble extract of roasted. A. Chalas. 1,478,940; Dec. 25.
Coffee roaster. C. T. Howson. 1,471,663; Oct. 23.
Coffee roaster. C. M. Nevius. 1,459,791; June 26.
Coffee roaster, Electric. M. T. Seymour. 1,468,419; Sept. 18.
Coffee sack and holder, Combined. A. G. Herold. 1,466,165; Aug. 28.
Coffee urn. P. Capocci. 1,472,551; Oct. 30.
Coffee urn. C. M. Morrison. 1,444,262; Feb. 6.
Coffee urn. J. T. Pedersen. 1,473,440; Nov. 6.
Coffee urn. H. Strohbach. 1,474,858; Nov. 20.
Coffee urn. L. Wertheimer. 1,471,933; Oct. 23.
Coffee-urn Pump. J. T. Pedersen. 1,466,458; Aug. 28.
Coffee urns, Electrical heater for. J. C. Woodson. 1,472,201; Oct. 30.
Coffee urns, Water urn for battery. T. J. Topper. 1,468,527; Sept. 18.
Cofferwork without the use of scaffolding, Device for the erection of boardings for the production of. A. Melzer. 1,449,770; Mar. 27.
Coffin. E. E. Allen and P. M. M. Phelps. Des. 62,297; May 1.
Coffin construction. S. H. Deuel. 1,452,029; Apr. 17.
Coffin handle. W. F. Leland. Des. 61,858; Jan. 30.
Coffin handle. E. B. Stewart and W. F. Leland. Des. 62,037; Mar. 6.
Cogging and rolling mill for iron and steel. T. B. Rogerson. 1,474,734; Nov. 20.
Coil. C. Sparks and W. G. Shull. 1,452,939; Apr. 24.
Coil and condenser treatment. F. J. Groten, jr. 1,455,199; May 15.
Coil and spool construction. S. E. Johannesen. 1,456,108; May 22.
Coil-box protector. C. A. Brown. 1,443,001; Jan. 23.
Coil boxes, Hidden switch for. C. Saring. 1,459,995; June 26.
Coil, Choke. G. C. Dill. 1,460,153; June 26.
Coil, Current-limiting reactance. V. E. Alden. 1,467,771; Sept. 11.
Coil, High-frequency self-induction. E. Binard. 1,466,441; Aug. 28.
Coil, High-voltage pancake-type. A. Schneeberger. 1,456,937; May 29.
Coil, Induction. A. A. Kent. 1,474.597; Nov. 20.
Coil support. S. C. Hoey. 1,448,403; Mar. 13.
Coil, Three-phase reactance. A. Nyman. 1,473,862; Nov. 13.
Coil-winding machine. C. Fayer. 1,449,898; Mar. 27.
Coiling machine. A. A. Blount. 1,453,431; May 1.
Coiling machine, Strip-. J. B. Moyer. 1,477,228; Dec. 11.
Coils, Device for making armature. G. W. Townsend. 1,460,737; July 3.
Coils, Forming flat. H. G. Cox. 1,455,188; May 15.
Coils, Manufacturing loading. B. H. Jackson. 1,448,542; Mar. 13.
Coils, Pipe clamp for steam. C. C. Fischer. 1,452,497; Apr. 24.

Coils, Slider for tuning. W. F. Gehrig. 1,460,239; June 26.
Coils, System of connections for multiphase choking. A. Gaudenzi. 1,457,359; June 5.
Coils, Ventilating system for reactance. M. E. Skinner. 1,466,253; Aug. 28.
Coin assorter. J. W. Boring and G. A. Wagoner. 1,458,515; June 12.
Coin-bank register. J. B. Ingalls. 1,460,908; July 3.
Coin box and advertising card holder, Combined. M. Epstein. 1,450,028; Mar. 27.
Coin carrying and dispensing device. A. F. Nelson. 1,445,347; Feb. 13.
Coin case. A. H. Field. 1,447,974; Mar. 13.
Coin-changing mechanism. D. Allen. 1,460,878; July 3.
Coin-collecting boxes, Slot lock for. P. G. T. de Villiers. 1,442,132; Jan. 16.
Coin collector. J. P. Juley. 1,470,747; Oct. 16.
Coin container. E. E. Ihrig and W. H. Schneider. 1,449,410; Mar. 27.
Coin-controlled delivery apparatus. B. P. Cooper. 1,474,070; Nov. 13.
Coin-controlled dispensing apparatus. W. Cohen. 1,457,300; June 5.
Coin-controlled lock. R. B. Buzzaird and W. C. Bucknam. 1,469,553; Oct. 2.
Coin-controlled lock. M. Cohen. 1,450,355; Apr. 3.
Coin-controlled lock. D. C. Morgan. 1,465,052; Aug. 14.
Coin-controlled lock. C. N. Van Cleave. 1,450,825; Apr. 3.
Coin-controlled machine. A. Wittenberg. 1,454,420; May 8.
Coin-controlled machines, Coin-testing mechanism for. A. D. Grover. 1,457,699; June 5.
Coin-controlled mechanism. A. Davis. 1,449,853; Mar. 27.
Coin counter. J. C. Mathewes. 1,457,261; May 29.
Coin-deposit receptacle. J. N. Burno. 1,454,919; May 15.
Coin detector. F. W. Mills. 1,452,979; Apr. 24.
Coin detector, Ball-bearing. F. W. Mills. 1,452,980; Apr. 24.
Coin-dispensing device. W. G. King. 1,475,585; Nov. 27.
Coin-freed mechanism. T. Glover. 1,443,876; Jan. 30.
Coin holder. E. E. Ihrig and W. H. Schneider. 1,475,829; Nov. 27.
Coin holder, Pocket. H. M. Greenbaum. 1,470,357–8; Oct. 9.
Coin-holding device. J. N. Edelin. 1,472,268; Oct. 30.
Coin lock. W. C. Bucknam. 1,444,325; Feb. 6.
Coin retainer and dispenser. A. Lieberman. 1,454,445; May 8.
Coin selector. E. V. Hill. 1,477,221; Dec. 11.
Coin slot. P. G. T. de Villiers. 1,470,599; Oct. 16.
Coin tray, Illuminated. H. I. Larson. 1,477,708; Dec. 18.
Coin vending machine. G. C. Reith. 1,463,486; July 31.
Coin-wrapping device. L. E. Parker. 1,450,111; Mar. 27.
Coins, Device for operating upon. W. J. Brennan. 1,468,874; Sept. 25.
Coke and ash, Method and apparatus for separating. P. H. Jung. 1,466,377; Aug. 28.
Coke containers or the like, Arrangement in. A. Moetteli. 1,462,119; July 17.
Coke, Cooling. H. Schwenke. 1,467,506; Sept. 11.
Coke, Cooling tower for dry cooling of hot. A. Moetteli. 1,466,477; Aug. 28.
Coke-discharging apparatus. W. G. Laird. 1,460,067; June 26.
Coke-drawing machine. R. D. Martin. 1,472,730; Oct. 30.
Coke for metallurgical uses, Manufacture of. A. H. Baille-Barrelle. 1,458,964; June 19.
Coke, Heater for burning petroleum. B. L. Miller. 1,458,536; June 12.
Coke, Making. W. E. Davies. 1,443,618; Jan. 30.
Coke oven. T. G. Kus. 1,478,570; Dec. 25.
Coke oven or carbonizing furnace. G. A. Balz. 1,443,161; Jan. 23.
Coke oven, Sole-heated. T. von Bauer and B. Zwillinger. 1,478,410; Dec. 25.
Coke, Producing. W. E. Trent. 1,478,864; Dec. 25.
Coke, Producing. J. G. West. 1,445,735; Feb. 20.
Coke-quenching process. A. Moétteli. 1,457,713; June 5.
Coke, System for utilizing waste heat of. O. Brendel. 1,446,960; Feb. 27.
Coke, Testing. M. D. Curran. 1,459,143; June 19.
Coke wharf. E. J. Mason. 1,468,971; Sept. 25.
Coking chambers, Sealing vertical. J. Schäfer. 1,460,828; July 3.
Coking liquefiable bituminous materials, Apparatus for. F. Puening. 1,461,324; July 10.
Coking retort oven. J. van Ackeren. 1,469,491; Oct. 2.
Coking, System of. G. W. Traer and C. M. Garland. 1,466,215; Aug. 28.
Coking the discharged material from low-temperature distillation apparatus, Process and apparatus for. E. Barrs. 1,460,638; July 3.
Collapsible box. C. S. Brown. 1,467,089; Sept. 4.
Collapsible box. N. St. Peter. 1,476,654; Dec. 4.
Collapsible chair. J. A. Freeze. 1,474,191; Nov. 13.
Collapsible cup. J. D. Reifsnyder. 1,478,838; Dec. 25.
Collapsible or foldable seat. N. A. Rice, G. W. Thompson, and G. C. and J. E. Rice. 1,475,512; Nov. 27.
Collapsible register. W. D. Redrup. 1,476,921; Dec. 11.
Collapsible screen. I. E. King. 1,464,876; Aug. 14.
Collapsible stand. W. P. Stubbs. 1,457,640; June 5.
Collapsible table. C. Garrabrant and W. M. Fury. 1,444,678; Feb. 6.
Collapsible tube. C. G. King. 1,451,461; Apr. 10.
Collapsible tube, Valved. H. L. Frizell. 1,462,232; July 17.
Collar, J. J. Bagan. 1,445,671; Feb. 20.
Collar. N. Kobre. 1,443,477; Jan. 30.
Collar. J. M. Lukacs. 1,450,093; Mar. 27.
Collar. J. V. McNamara. 1,487,988; Dec. 25.
Collar. M. and B. Sonnenfeld. 1,443,932; Jan. 30.
Collar. J. M. Van Heusen. 1,463,932; Aug. 7.
Collar. J. M. van Heusen. 1,476,118; Dec. 4.
Collar. G. H. Woods. 1,478,091; Dec. 18.
Collar and muzzle, Combined. J. W. Brown. 1,474,231; Nov. 13.
Collar, Apparel. J. V. Palmer. 1,447,147; Feb. 27.
Collar attachment. A. Varaud. 1,454,607; May 8.
Collar-band holder. C. H. Boyuls. 1,466,692; Sept. 4.
Collar blanks, Folder for lock-end. G. W. Paulson and R. H. Hill. 1,443,380; Jan. 30.
Collar burster and expander. J. A. Woods. 1,458,567; June 12.
Collar clasp. H. C. Neggesmith. 1,477,762; Dec. 18.
Collar clip. J. C. Sanders. 1,449,060; Mar. 20.
Collar, Driving. J. H. Reedy. 1,451,111; Apr. 10.
Collar fastener. J. J. Furlong. 1,474,252; Nov. 13.
Collar-fastening device. G. L. Brisbin. 1,473,460; Nov. 6.
Collar, Folding. J. M. van Heusen. 1,455,683; May 15.
Collar holder. G. A. Johnson. 1,464,658; Aug. 14.
Collar holder. E. I. Rogers, jr. 1,461,328; July 10.
Collar hook. H. C. Clark. 1,464,257; Aug. 7.
Collar, Horse. J. H. Woodward. 1,451,750; Apr. 17.
Collar-retaining device. C. M. Beale. 1,458,797; June 12.
Collar, Reversible. F. Tamborello. 1,478,589; Dec. 25.
Collar supporter, Soft-. F. A. Kaufmann. 1,453,144; Apr. 24.
Collar-stud support. A. Goldknopf. 1,473,549; Nov. 6.
Collar wrapper. E. F. Jantz. 1,453,070; Apr. 24.
Collars and other articles, Button for soft. F. E. Warner. 1,467,279; Sept. 4.
Collars and other articles, Flexible button for soft. F. E. Warner. 1,467,280; Sept. 4.
Collars and the like, Machine for use in the manufacture of linen. E. B. Fenby. 1,452,111; Apr. 17.
Collars, Shaping machine for laundered. S. L. Thrift. 1,458,255; June 12.
Collecting and separating apparatus. C. E. Tetley. 1,448,606; Mar. 13.
Collectors, Safety support for current. A. C. Wood. 1,461,813; July 17.
Colloidal decolorizing material and producing the same. L. Wickenden. 1,447,452; Mar. 6.
Colloidal metals and metalloids and compounds of same, Preparing. L. Berend. 1,460,012; June 26.
Colloidal soluble substances and suspensions, Producing. L. Lilienfeld. 1,444,257; Feb. 6.
Colloids, Drying. G. P. Lunt. 1,450,377; Apr. 3.
Color box. J. J. Bohock. 1,462,479; July 24.
Color dropper. C. H. Hornbeck. 1,471,731; Oct. 23.
Color-identifying apparatus. N. Macbeth. 1,442,166; Jan. 16.
Color-mixing device. L. S. Bower. 1,451,810; Apr. 17.
Color-screen protection and support. J. C. Herron. 1,478,473; Dec. 25.
Color transparency. W. V. D. Kelley. 1,461,356; July 10.
Colored article. N. V. de Lipski. 1,462,536; July 24.
Coloring matter, Disazo. A. W. Joyce. 1,472,333; Oct. 30.
Coloring matters, Manufacture of vat. F. Kačer. 1,459,536; June 19.
Coloring matters, Production of. W. J. Pope. 1,451,270; Apr. 10.
Coloring motors, Process and composition of matter for. F. M. Haldeman. 1,453,457; May 1.
Colors, Appliance for displaying. M. M. Miles. 1,460,264; June 26.
Colors in nonaqueous solvents, Producing azo. W. J. Murray. 1,462,613; July 24.
Colors, Method of and means for projecting. F. Janovjak. 1,458,826; June 12.
Colorimeter nephelometer, Combined. J. C. Bock and S. R. Benedict. 1,456,964; May 29.
Column clamp. L. Lampert. 1,467,860; Sept. 11.
Column clamp. L. Lampert. 1,467,943; Sept. 11.
Column, Frictionating. H. C. P. Weber. 1,454,874; May 15.
Column mold. T. F. Novy. 1,445,907; Feb. 20.
Column strain insulator. L. Steinberger. 1,448,604; Mar. 13.
Columns and the like, Constructing foundation. C. R. Gow. 1,475,696; Nov. 27.
Comb: *See*—
Barber's comb. Hair comb.
Fountain comb.
Comb. H. W. Babcock. 1,451,562; Apr. 10.
Comb. E. P. Hadley and C. C. Holden. 1,449,149; Mar. 20.
Comb. H. T. Holland. 1,451,260; Apr. 10.
Comb. R. B. Howard. 1,465,519; Aug. 21.

Comb. E. Letarte. Des. 63,566; Dec. 18.
Comb. P. D. Yankoff. 1,460,305; June 26.
Comb and brush. A. N. Warren. 1,462,400; July 17.
Comb and hair cutter, Combined. C. A. Fontaine. 1,454,715; May 8.
Comb, Bristle. M. L. Fitzpatrick. 1,441,412; Jan. 9.
Comb, brush, and mirror, Pocket. W. F. Sumer. 1,446,595; Feb. 27.
Comb cleaner. A. O. Alsager. 1,458,018; June 5.
Comb cleaner. A. J. Bennett. 1,450,576; Apr. 3.
Comb cleaner. J. Stettner. 1,457,757; June 5.
Comb cleaner. J. A. Walsh. 1,467,128; Sept. 4.
Comb-cutting machine. E. G. Loomis. 1,473,111; Nov. 6.
Comb, Hair-straightener. C. A. Gardner. 1,465,979; Aug. 28.
Comb, Spanish. F. Spill. Des. 63,271; Nov. 13.
Comb, Tonic-applying. H. L. Borstelman. 1,475,786; Nov. 27.
Combing machine. E. Holmes. 1,478,609; Dec. 25.
Combing machine. J. Horridge. 1,463,816; Aug. 7.
Combing machine. J. Jolly. 1,446,750; Feb. 27.
Combing machine. J. W. Nasmith. 1,466,846; Sept. 4.
Combing machine. J. W. Nasmith. 1,473,197; Nov. 6.
Combing machine. J. W. Nasmith. 1,454,484; May 8.
Combing machines, Attachment for. E. A. Davignon, A. E. Barry, and J. Greenhalgh. 1,475,043; Nov. 20.
Combing machines, Detaching motion for. S. H. Helland. 1,464,098; Aug. 7.
Combing machines, Driving mechanism for. P. A. Helmbold. 1,444,877; Feb. 13.
Combing machines, Swinging nippers in flat. E. H. Heinrich. 1,464,820; Aug. 14.
Combs and other toothed articles, Method of and apparatus for manufacturing. H. Schelhammer. 1,464,664; Aug. 14.
Combination boiler. C. R. Kline. 1,462,862; July 24.
Combination boiler, Double-heating. M. B. Kato. 1,458,135; June 12.
Combination chair. F. G. Kapelman. 1,455,255; May 15.
Combination frame. E. L. Schumacher. 1,457,608; June 5.
Combination heater. D. O. Miller. 1,452,249; Apr. 17.
Combination lock. R. Baer. 1,472,577; Oct. 30.
Combination lock. W. T. Benham. 1,451,036; Apr. 10.
Combination lock. V. B. Cortese. 1,449,972; Mar. 27.
Combination lock. G. H. Cozens. 1,450,137; Mar 27.
Combination lock. A. Denayer. 1,472,409; Oct. 30.
Combination lock. W. H. Jay. 1,464,281; Aug. 7.
Combination lock. J. O'Kelly. 1,451,954; Apr. 17.
Combination lock. J. Patoska. 1,443,849; Jan. 30.
Combination lock. D. Pidlyski. 1,448,707; Mar. 13.
Combination lock. W. Schmitz. 1,453,642; May 1.
Combination lock. H. Simbol. 1,475,033; Nov. 20.
Combination lock. T. I. Summers. 1,475,089; Nov. 20.
Combination lock. S. J. Zingman. 1,460,932; July 3.
Combination switch. E. W. Chandler. 1,473,463; Nov. 6.
Combination switch. R. K. Winning. 1,441,618; Jan. 9.
Combination tool. A. Bangert. 1,458,511; June 12.
Combination tool. A. Bangert. 1,469,472; Oct. 2.
Combination tool. E. J. Hanson. 1,459,531; June 19.
Combination tool. J. J. Holscen. 1,453,979; May 1.
Combination tool. C. B. Jacoby. 1,469,838; Oct. 9.
Combination tool. E. Johnsgaard. 1,473,186; Nov. 6.
Combination tool. C. Leak. 1,477,833; Dec. 18.
Combination tool. M. B. Martinez. 1,453,155; Apr. 24.
Combination tool. H. Schuetz. 1,463,374; July 31.
Combination tool. W. A. Shields. 1,463,375; July 31.
Combination tool. M. Wasseth. 1,465,009; Aug. 14.
Combustible mixture, Apparatus for producing and utilizing. S. Trood. 1,466,006; Aug. 28.
Combustible mixture, Device for producing and utilizing. S. Trood. 1,454,196; May 8.
Combustibles, Burner for liquid. C. Linké. 1,459,226; June 19.
Combustion apparatus. J. S. Andrews. 1,459,649; June 19.
Combustion, Apparatus for controlling. F. H. Brown. 1,463,142; July 24.
Combustion, Apparatus for regulating. F. H. Brown. 1,460,366; July 3.
Combustion, Controlling. F. H. Brown. 1,463,141; July 24.
Combustion, Controlling. F. H. Brown. 1,463,143; July 24.
Combustion-controlling system. D. Adams. 1,474,754; Nov. 20.
Combustion device. S. B. Waters. 1,456,748; May 29.
Combustion engine. A. A. Rigny. 1,457,123; May 29.
Combustion engine. W. Brown. 1,467,998; Sept. 18.
Combustion-engine-lubricating mechanism. G. F. Zucker. 1,462,894; July 24.
Combustion engine, Two or multi cylinder. A. O. L. Wennerby. 1,477,736; Dec. 18.
Combustion-promoting device. T. F. and A. H. Lawter. 1,468,536; Sept. 18.
Combustion regulator, Automatic. L. E. Jones and C. R. Wraith. 1,458,419; June 12.
Combustion system. L. L. Scott and A. C. Staley. 1,441,888; Jan. 9.
Comestibles, Method and apparatus for handling. P. W. Petersen. Re15,683; Sept. 4.
Commercial products from blood, Preparation of. F. W. V. Fitzgerald. 1,441,570; Jan. 9.
Commingling device. E. A. Reeves. 1,448,151; Mar. 13.
Comminuted material, Wet process of classifying. W. O Borcherdt. 1,448,514; Mar. 13.
Communication system. R. A. Heising. 1,465,732; Aug. 21.
Communication system, Secret-. H. A. Affel. 1,474,426; Nov. 20.
Communication system, Secret-. R. D. Parker. 1,460,438; July 3.
Communication system, Secret-. R. D. Parker and B. P. Hamilton. 1,461,783; July 17.
Commutator. C. A. Adams. 1,467,467; Sept. 11.
Commutator. A. J. Hix. 1,445,885; Feb. 20.
Commutator. E. W. Klein. 1,444,252; Feb. 6.
Commutator compound. J. E. Fisher. 1,469,039; Sept. 25.
Commutator-cooling apparatus. N. Wilkinson. 1,476,940; Dec. 11.
Commutator motor, Alternating-current. O. Türk and J. Kozisek. 1,456,658; May 29.
Commutator motor, Single-phase. R. E. Hellmund. 1,472,172; Oct. 30.
Commutator segment and producing same. C. A. Van Dusen. 1,457,801; June 5.
Commutators, Cleaner for. E. A. Dodelin. 1,445,498; Feb. 13.
Commutators, hip rings, drums, and the like, Apparatus for truing up. A. Norrel. 1,463,224; July 31.
Commutators, Machine for dressing contact surfaces of. J. Myers. 1,442,492; Jan. 16.
Compact attachment. A. M. Locke. 1,461,923; July 17.
Compact carrier. J. Schmid. 1,470,884; Oct. 16.
Compacts, Holder for. F. J. M. Miles. 1,451,740; Apr. 17.
Compartment box. T. K. P. Haines. 1,454,639; May 8.
Compass. H. Goldblatt. 1,442,143; Jan. 16.
Compass-deviation corrector. W. O. White. 1,478,080; Dec. 18.
Compass, Electromagnetic. G. W. Pickard. 1,472,842; Oct. 30.
Compass ellipsograph. J. A. Caldwell. 1,456,970; May 29.
Compass, Gyroscopic. A. E. Gott. 1,453,103; Apr. 24.
Compass, Gyroscopic. J. B. Henderson. 1,445,279; Feb. 13.
Compass, Gyroscopic. H. L. Tanner. 1,452,485; Apr. 17.
Compass, Magnetic. J. P. Warburg. 1,474,394; Nov. 20.
Compass, Self-luminous. E. W. Day and R. S. A. Dougherty. 1,445,131; Feb. 13.
Compass, square, etc., Combined. R. H. Johnson. 1,453,625; May 1.
Compasses. U. Johnson. 1,462,412; July 17.
Compasses, Compensating system for. C. H. Bedell. 1,448,050; Mar. 13.
Compasses of submarine vessels, Illuminating device for use in connection with magnetic. M. Roux. 1,456,679; May 29.
Compensating gauge. C. H. Berry. 1,444,098; Feb. 6.
Compensating mechanism. R. L. Wilcox. 1,441,255–6; Jan. 9.
Compilation, Means employed in. L. S. Crone. 1,476,876; Dec. 11.
Composing machines, Making character carriers for. P. L. Hill. 1,466,437; Aug. 28.
Composing-stick knee. C. E. Esselstyne. 1,440,531; Jan. 2.
Composite article. L. T. Frederick. 1,475,764; Nov. 27.
Composite article and forming the same. H. C. Bierman. 1,440,440; Jan. 2.
Composite board. A. Groundman. 1,440,674; Jan. 2.
Composite fabric. G. O. Coombs. 1,458,918; June 12.
Composite fabric. P. T. Jackson. 1,464,155; Aug. 7.
Composite plate and making the same. S. C. Hoey. 1,477,351; Dec. 11.
Composite sheet material. O. D. Richardson. 1,459,259; June 19.
Composite structure. G. W. Riddle. 1,475,409; Nov. 27.
Composition articles, Means for producing. C. R. Robinson. 1,474,565; Nov. 20.
Composition board. H. C. Dorn. 1,450,582; Apr. 3.
Composition of matter. L. E. Brownell. 1,468,957; Sept. 25.
Composition of matter. R. Luckenbach. 1,457,708; June 5.
Composition of matter. N. L. Olson. 1,455,651; May 15.
Composition of matter. J. L. Stoltz. 1,442,239; Jan. 16.
Composition of matter and using the same. R. Luckenbach. 1,478,237; Dec. 18.
Compote. F. Carder. Des. 61,943; Feb. 13.
Compote. A. J. Flauder. Des. 62,045; Mar. 6.
Compound for treating Vincent's stomatitis. O. W. Lilly. 1,469,322; Oct. 2.
Compound, Parting. W. J. Adams and J. L. Cummings. 1,441,199; Jan. 9.
Compounding, impregnating, and coating, Fluid composition for. R. P. L. Britton. 1,477,938; Dec. 18.
Compressing and holding compressed spiral springs until released in position, Device for. C. I. Rock. 1,449,551; Mar. 27.
Compressing apparatus. M. M. Whitfield. 1,460,300; June 26.

Compressing machine, Stuff-. A. Gremaud and E. Vilain. 1,449,095; Mar. 20.
Compressing machine, Valve-spring-. G. S. Roberts. 1,470,543; Oct. 9.
Compressing machines, Safety controlling mechanism for. G. P. Carroll. 1,445,751; Feb. 20.
Compression coupling. J. H. Funk. 1,463,261; July 31.
Compression indicator. J. W. Van Wart. 1,475,096; Nov. 20.
Compressor. E. C. Beam. 1,471,820; Oct. 23.
Compressor. J. G. De Remer. Re-15,590; May 1.
Compressor. E. T. Ford. 1,457,696; June 5.
Compressor. C. C. Hanson and J. Twardowsky. 1,458,702; June 12.
Compressor. C. C. Hanson and J. Twardowsky. 1,462,695; July 24.
Compressor. J. G. Hunter. 1,445,889; Feb. 20.
Compressor. B. V. Nordberg. 1,467,489; Sept. 11.
Compressor. W. Prellwitz. 1,467,066; Sept. 4.
Compressor. H. J. Smith. 1,443,764; Jan. 30.
Compressor. S. H. Todd. 1,451,033; Apr. 10.
Compressor. S. H. Todd. 1,466,974; Sept. 4.
Compressor. J. Twardowsky. 1,450,122; Mar. 27.
Compressor. C. W. Vollmann. 1,451,723; Apr. 17.
Compressor. G. Weiss. 1,445,252; Feb. 13.
Compressor. E. Wilson. 1,442,319; Jan. 16.
Compressor. E. Wilson. 1,444,577–8; Feb. 6.
Compressor. E. Wilson. 1,452,718; Apr. 24.
Compressor. E. Wilson. 1,463,989; Aug. 7.
Compressor and vacuum pump, Combination. C. M. Tursky. 1,478,929; Dec. 25.
Compressor, Ball. P. H. Williams. 1,457,866; June 5.
Compressor, Centrifugal. D. A. Maclean. 1,457,536; June 5.
Compressor-controlling mechanism. L. J. Clapp. 1,473,078; Nov. 6.
Compressor-controlling mechanism. L. J. Clapp. 1,473,598; Nov. 6.
Compressor controlling mechanism. J. Oliphant. Re15,551; Feb. 27.
Compressor, Electric motor-driven. G. J. Spohrer. 1,470,548; Oct. 9.
Compressor, expander, motor, and pump, Rotary. W. J. Hawkins. 1,460,487; July 3.
Compressor, Lubricant. N. W. Cummins. 1,456,973; May 29.
Compressor mechanism. J. W. Gardner. 1,450,032; Mar. 27.
Compressor, Portable. D. Corpi and M. Pretot. 1,445,073; Feb. 13.
Compressor, Rotary. M. Balcker. 1,451,859; Apr. 17.
Compressor, Rotary. H. A. Campbell. 1,452,024; Apr. 17.
Compressor, Rotary. G. B. Petsche. 1,440,891; Jan. 2.
Compressor, Rotary. W. G. E. Rolaff. 1,470,030; Oct. 9.
Compressor, Rotary. E. Wilson. 1,444,440; Feb. 6.
Compressor, Rotary hydraulic. G. McKerahan. 1,445,096; Feb. 13.
Compressor, Spring. C. N. Graves. 1,472,752; Oct. 30.
Compressor unit. H. A. Gehres. 1,475,381; Nov. 27.
Compressors, blowers, or the like, Regulating means for. R. H. Collingham. 1,466,295; Aug. 28.
Compressors, Centrifugal unloader for. F. W. Parsons. 1,454,402; May 8.
Compressors, Controlling mechanism for. F. D. Holdsworth. 1,474,590; Nov. 20.
Compressors, Cooling mechanism for. H. W. Rottel. 1,467,503; Sept. 11.
Compressors, Regulating mechanism for. H. Abbott. 1,468,987; Sept. 25.
Compressors, Removable crosshead for. W. and J. O. Wishart. 1,448,020; Mar. 13.
Compressors, Shaft seal for. F. J. Heideman. 1,458,183; June 12.
Compressors, Starting unloader for air. L. F. Hoffman. 1,444,122; Feb. 6.
Compressors, Unloader for. B. S. Aikman. 1,477,161; Dec. 11.
Compressors, Variable-speed transmission mechanism for air. R. E. Badsky. 1,446,284; Feb. 20.
Computer. J. S. Holm. 1,476,514; Dec. 4.
Computing machine. L. L. Ansart. 1,460,469; July 3.
Computing machine. L. Fournier and G. Mang. 1,454,716; May 8.
Computing machine. K. R. Hammond. 1,459,886; June 26.
Computing machine. A. G. Kupetz. 1,440,610; Jan. 2.
Computing machine. H. L. Pitman. 1,445,909; Feb. 20.
Computing machine. B. C. Stickney. 1,458,110; June 5.
Computing machine. R. B. Vance. 1,457,411; June 5.
Computing machine. H. H. Vickers. 1,456,660; May 29.
Computing machine. H. H. Vickers. 1,457,476; June 5.
Computing machine, Auxiliary chart. G. C. Hosch. 1,470,839; Oct. 16.
Computing mechanism. F. B. Mulford and J. D. Dickinson. 1,471,000; Oct. 16.
Computing scale with interchangeable charts. G. M. Ludlow. 1,451,703; Apr. 17.
Concentrates, Treatment of. W. O. Borcherdt. 1,446,377; Feb. 20.
Concentrating apparatus. L. D. Lansdale. 1,442,672; Jan. 16.
Concentrating process. O. E. Merrell. 1,443,714; Jan. 30.
Concentrating solutions, Apparatus for. E. Monti. 1,465,020; Aug. 14.
Concentrating table. C. C. Hebbard. 1,452,969; Apr. 24.
Concentrating table. E. A. Sperry. 1,442,186; Jan. 16.
Concentrator. D. E. Bleakley. 1,443,608; Jan. 30.
Concentrator. D. F. Platner. 1,469,019; Sept. 25.
Concentrator. E. G. Willems. 1,464,793; Aug. 14.
Concrete aggregate, Treating. C. L. Bourne. 1,458,387; June 12.
Concrete and like structures, Form for molding. J. Christie and A. R. Lang. 1,471,239; Oct. 16.
Concrete and like structures, Interlocking reenforcing and fastening element for. C. F. Whiffen. 1,441,616; Jan. 9.
Concrete and making same. E. L. Zukoski. 1,471,876; Oct. 23.
Concrete and other blocks and the like or other purposes, Tamping press for. O. Hermoye and C. Glorian. 1,447,469; Mar. 6.
Concrete and other buildings, Flashing fastening for. R. P. Burrows. 1,452,412; Apr. 17.
Concrete and similar material into block form, Machine for molding and pressing. W. H. McCandlish. 1,442,283; Jan. 16.
Concrete articles, Manufacture of. F. Schröder. 1,446,435; Feb. 20.
Concrete bars, Collapsible chair for. W. E. White. 1,472,107; Oct. 30.
Concrete beam, Reenforced-. R. C. Keogan. 1,465,307; Aug. 21.
Concrete, Bituminous. G. A. Henderson. 1,464,482; Aug. 7.
Concrete block. L. V. Metz. 1,462,374; July 17.
Concrete block and the like. H. Wilkins. 1,448,648; Mar. 13.
Concrete block construction. M. Roffino. 1,472,680; Oct. 30.
Concrete-block machine. R. S. Cohoon. 1,461,413; July 10.
Concrete-block machine. F. S. Lindley. 1,455,296; May 15.
Concrete-block machine. W. A. Whitfield. 1,455,317; May 15.
Concrete-block-making machine. G. W. Papke. 1,442,967; Jan. 23.
Concrete-block-molding machine. W. E. Barnhart and M. E. Lohr. 1,475,532; Nov. 27.
Concrete-block-molding machine. C. H. Hoglund. 1,454,642; May 8.
Concrete block, Sectional. G. R. Elliott. 1,444,784; Feb. 13.
Concrete blocks, Apparatus for forming faced. C. S. Wert. 1,475,911; Nov. 27.
Concrete blocks, Forming faced. C. S. Wert. 1,471,990; Oct. 23.
Concrete blocks, Making. W. H. Carey. 1,453,746–7; May 1.
Concrete blocks, Means for molding. G. J. Saffert. 1,451,714; Apr. 17.
Concrete blocks, Mechanism for molding. D. C. Newman. 1,451,049; Apr. 10.
Concrete blocks, Mold for. E. C. Boniger. 1,459,945; June 26.
Concrete blocks, Mold for. C. & D. Tamplin. 1,467,657; Sept. 11.
Concrete bodies, Forming hollow. H. Barkschat. 1,474,881; Nov. 20.
Concrete building. F. H. Coney. 1,461,891; July 17.
Concrete building. W. C. Flannery. 1,471,841; Oct. 23.
Concrete building. J. F. Matthews. 1,465,166; Aug. 14.
Concrete building. F. B. Reilly. 1,445,713; Feb. 20.
Concrete building. W. C. Richman. 1,477,665; Dec. 18.
Concrete building block. A. Henderson. 1,446,796; Feb. 27.
Concrete building block. F. Kagermeier. 1,461,851; July 17.
Concrete building blocks, Means for use in the molding of. J. T. Browne and W. Black. 1,474,813; Nov. 20.
Concrete building boards or slabs, Making. W. C. Richman. 1,463,841; Aug. 7.
Concrete building construction. A. Henderson. 1,445,945; Feb. 20.
Concrete building construction. C. O'Brien. 1,444,355; Feb. 6.
Concrete-building form. D. D. Hughes. 1,472,174; Oct. 30.
Concrete building form. O. G. Nicholas. 1,470,467; Oct. 9.
Concrete building structure. V. O. Jeffries. 1,444,187; Feb. 6.
Concrete buildings, Column cap for. F. H. Coney. 1,461,892; July 17.
Concrete buildings, Erection of. R. H. Aiken. 1,457,684; June 5.
Concrete bulkhead or retaining wall. F. G. Borg. 1,467,470; Sept. 11.
Concrete construction. E. F. Allbright. 1,476,572; Dec. 4.
Concrete construction. R. A. Megenity. 1,472,373; Oct. 30.

Concrete construction, Collapsible core for. F. J. Homan. 1,467,760; Sept. 11.
Concrete-construction elements, Apparatus for the fabrication of. E. V. Preuss. 1,468,325; Sept. 18.
Concrete construction, Form for. C. W. Hayward. 1,466,830; Sept. 4.
Concrete construction, Precast reenforced. A. N. Laird. 1,472,917; Nov. 6.
Concrete construction, Reenforced. J. H. Shulze, sr. 1,446,275; Feb. 20.
Concrete construction, Steel form for. H. E. White. 1,461,409; July 10.
Concrete construction, Tie for reenforced. H. E. Clouser and E. R. Thornton. 1,465,421; Aug. 21.
Concrete, Deformed reenforcing bar for. C. G. Ohlson and A. E. Jupp. 1,477,378; Dec. 11.
Concrete-distributing machine. E. H. Lichtenberg. 1,446,124; Feb. 20.
Concrete door-frame construction. G. J. Saffert. 1,451,713; Apr. 17.
Concrete elevator and distributor. H. A. Trester. 1,475,253; Nov. 27.
Concrete flat-slab construction, Reenforcement for reenforced-. L. Davidson. 1,452,677; Apr. 24.
Concrete floor beams of greenhouse benches, Mold for. F. J. Mead. 1,468,316; Sept. 18.
Concrete, Floor construction for reenforced. J. Soty. 1,444,806; Feb. 13.
Concrete floors and slabs, Means for holding reenforcing fabrication of. C. H. Snyder. 1,464,886; Aug. 14.
Concrete floors, Apparatus for constructing. H. L. Wells. 1,445,374; Feb. 13.
Concrete form. W. S. Dunham. 1,464,600; Aug. 14.
Concrete form. J. N. Heltzel. 1,459,207; June 19.
Concrete form. E. E. Patmor. 1,453,174; Apr. 24.
Concrete form. W. J. Pedersen. 1,457,999; June 5.
Concrete form. W. C. Polk. 1,442,294; Jan. 16.
Concrete form. H. Rath. 1,452,983; Apr. 24.
Concrete form. D. E. Tingley. 1,452,628; Apr. 24.
Concrete form, Adjustable. C. F. Moore. 1,473,964–5; Nov. 13.
Concrete form and support. W. E. White. 1,474,659; Nov. 20.
Concrete-form clamp. E. R. Perry. 1,472,436; Oct. 30.
Concrete form clamp, Self-locking. A. L. Moore. 1,477,974; Dec. 18.
Concrete-form tie and spacer. H. A. Orlopp and D. B. Smith. 1,468,790; Sept. 25.
Concrete forms, Tie brace for. R. A. McHale. 1,458,769; June 12.
Concrete insert. E. Della. 1,474,956; Nov. 20.
Concrete insert. L. A. Nielson. 1,460,035; June 26.
Concrete insert. J. E. Ogden. 1,474,729; Nov. 20.
Concrete insert. C. C. Tomkinson. 1,461,742; July 17.
Concrete insert. R. P. Zents. 1,463,863; Aug. 7.
Concrete inserts, Holder for. W. E. White. 1,473,268; Nov. 6.
Concrete mains, Service connection for. C. F. Buente. 1,463,148; July 31.
Concrete, Manufacture of flowerpots, pipes, and other hollow articles of. J. Neuenschwander. 1,441,704; Jan. 9.
Concrete, Manufacture of railway sleepers and the like of reenforced. O. Smreker. 1,454,794; May 8.
Concrete metallic reenforcement. H. J. Foster. 1,449,855; Mar. 27.
Concrete mixer. G. W. Adams. 1,454,370; May 8.
Concrete mixer. B. C. Carey. 1,460,571; July 3.
Concrete mixer. W. G. Craig. 1,445,999; Feb. 20.
Concrete mixer. W. E. and H. E. Dunn. 1,447,125; Feb. 27.
Concrete mixer. H. E. Johnson. 1,453,047; Apr. 24.
Concrete mixer. D. B. Martin and J. Westerby. 1,453,634; May 1.
Concrete mixer. S. H. Wightman. 1,455,898; May 22.
Concrete mixers, Dumping device for. J. C. French. 1,443,788; Jan. 30.
Concrete-mixing machine. H. K. Fox and G. J. Fisher. 1,451,819; Apr. 17.
Concrete-mixing machines, Spout for. G. Jaeger. 1,458,706; June 12.
Concrete-mixing machines, Spout for. G. Jaeger. 1,476,892; Dec. 11.
Concrete-mixing machines, Water tank for. G. Jaeger. 1,458,707; June 12.
Concrete mold. F. Carty. 1,443,459; Jan. 30.
Concrete mold. E. L. Davis. 1,447,283; Mar. 6.
Concrete mold. G. M. Ditto. 1,460,232; June 26.
Concrete mold. G. J. McLain. 1,465,782; Aug. 21.
Concrete mold. J. A. Taggart. 1,456,345; May 22.
Concrete mold. A. Tyskiewicz. 1,446,950; Feb. 27.
Concrete mold, Collapsible. A. H. Evans. 1,471,951; Oct. 23.
Concrete, Mold for tiles or blocks of. M. Moore. 1,457,991; June 5.
Concrete mold or form. T. De La Mare. 1,456,539; May 29.
Concrete-mold suspension device. W. van Aalst. 1,467,662; Sept. 11.
Concrete monument form. R. M. Fiala. 1,444,179; Feb. 6.
Concrete, Nailing. J. E. Kleist. 1,456,985; May 29.
Concrete or the like, Machine for working. W. J. Fitzgerald and A. B. Cadman. 1,474,770; Nov. 20.
Concrete pavement, Machine for making. J. M. Rathmell. 1,447,999; Mar. 13.
Concrete pavers, Boom and bucket for. C. E. Foote. 1,478,945; Dec. 25.
Concrete pile and forming same. M. Blumenthal. 1,449,032; Mar. 20.
Concrete pile and the like. H. R. Asserson. 1,469,611; Oct. 2.
Concrete pile or building unit. O. S. Lloyd. 1,442,279; Jan. 16.
Concrete piles, Apparatus for use in the construction of. P. N. Lancaster. 1,477,568; Dec. 18.
Concrete piles, Making. G. G. Powell. 1,461,451; July 10.
Concrete piles, Means for and method of producing. M. Blumenthal. 1,443,306; Jan. 23.
Concrete piles, Means for sinking. E. G. Gardner. 1,454,434; May 8.
Concrete piles, Preparatory pile used in the construction of. H. P. Lancaster. 1,477,567; Dec. 18.
Concrete piles to wooden piles, Means for connecting ferro or reenforced. E. Handl. 1,471,124; Oct. 16.
Concrete piling of indefinite length. P. Zucco. 1,447,609; Mar. 6.
Concrete-pipe joint. E. L. Peterson. 1,475,867; Nov. 27.
Concrete-pipe-making machine. C. R. Nichols. 1,473,969; Nov. 13.
Concrete-pipe mold. T. Schuster. 1,475,145; Nov. 20.
Concrete-pipe machine. C. F. Buente. 1,453,269; May 1.
Concrete-pipe machine. M. J. Smith. 1,460,451; July 3.
Concrete pipe, Reenforced-. P. Kircher. 1,447,421; Mar. 6.
Concrete pipes and like tubular structures, Centrifugal apparatus for manufacturing. E. Scott. 1,468,749; Sept. 25.
Concrete, Protecting reenforcement in. R. G. Osborne. 1,457,598; June 5.
Concrete railway tie. J. Hojnowski. 1,445,438; Feb. 13.
Concrete railway tie, Reenforced-. J. Kruttschnitt. 1,458,945–6; June 19.
Concrete raiway tie, Reenforced-. W. C. Temple. 1,466,003; Aug. 28.
Concrete reenforcement. G. E. Thackray. 1,443,154; Jan. 23.
Concrete road construction, Strike board for. J. A. Johnston. 1,440,606; Jan. 2.
Concrete-road machine. E. G. Carr. 1,457,299; June 5.
Concrete roads, Jointer for. S. B. Miller. 1,445,229; Feb. 13.
Concrete roofs, Construction of. W. E. Clifton and J. S. Ewart. 1,452,362; Apr. 17.
Concrete-slab building construction. G. F. Dampney. 1,468,285; Sept. 18.
Concrete-slab buildings, Construction of. W. E. Clifton and J. S. Ewart. 1,449,496; Mar. 27.
Concrete spacer. W. E. White. 1,457,610; June 5.
Concrete stair block. A. Anderson. 1,450,404; Apr. 3.
Concrete stair construction. F. A. Seifert. 1,444,431; Feb. 6.
Concrete storage plant, refrigerator, and the like. S. Lake. 1,467,676; Sept. 11.
Concrete structure. J. A. White. 1,451,000; Apr. 10.
Concrete structures, Anchoring insert for. E. McTowe. 1,469,198; Sept. 25.
Concrete structures, Apparatus for building. H. G. Sellman. 1,457,090; May 29.
Concrete structures, Apparatus for mechanically cleaning the material in use with. W. C. J. Melgers. 1,443,426; Jan. 30.
Concrete structures, Form for. H. E. Dunn. 1,468,702; Sept. 25.
Concrete structures, Making. R. G. Kirton. 1,465,222; Aug. 14.
Concrete structures, Method of and apparatus for forming. H. C. J. and M. Deeks. 1,453,707; May 1.
Concrete structures, Mold for. F. Flynn. 1,445,939; Feb. 20.
Concrete structures, Mold for. H. G. Sellman. 1,457,089; May 29.
Concrete structures, Mold for casting hollow. H. Edon-Brown. 1,440,380; Jan. 2.
Concrete tie. C. A. Nesbit. 1,476,912; Dec. 11.
Concrete tie. R. K. O. Sahlberg. 1,443,891; Jan. 30.
Concrete tie and rail clamp. W. T. Dickey. 1,457,151; May 29.
Concrete tie clip. E. D. Tubbs. 1,467,741; Sept. 11.
Concrete tubes, Apparatus for manufacture of. J. Skorkovský. 1,445,724; Feb. 20.
Concrete wall. A. G. Reynolds. 1,461,369; July 10.
Concrete wall and making same. L. B. Langworthy 1,447,254; Mar. 6.
Concrete wall block. J. Newell. 1,469,678; Oct. 2.
Concrete wall board and studding, Combination. E. J. Phelan. 1,462,622; July 24.
Concrete-wall boxing. A. E. Holmes. 1,478,653; Dec. 25.
Concrete wall construction. A. H. Nelson. 1,452,751; Apr. 24.
Concrete wall construction, Form for. J. Johnson. 1,458,416; June 12.
Concrete-wall form. G. B. Hoag. 1,459,889; June 26.

Concrete wall, Hollow. G. J. Engert. 1,467,242; Sept. 4.
Concrete wall, Reenforced-. H. W. Smith. 1,443,765; Jan. 30.
Concrete walls, Mold for. T. E. Erdmann. 1,474,667; Nov. 20.
Concrete walls, Removable mold for. D. A. Sheeler. 1,471,574; Oct. 23.
Concrete work, Form for. E. E. Hall. 1,470,729; Oct. 16.
Concrete-working machine. W. J. Fitzgerald. 1,470,002; Oct. 9.
Concreting structural beams, Hanger device for. S. I. Pedigo. 1,463,967; Aug. 7.
Condensation, Process of and apparatus for. K. P. McElroy. 1,478,750; Dec. 25.
Condensation products and making same. F. Pollak. 1,458,543; June 12.
Condensation products, Manufacturing. K. Ripper. 1,460,606; July 3.
Condensation trap. H. C. Ellis. 1,460,410; July 3.
Condenser. M. Donauer. 1,453,041; Apr. 24.
Condenser. J. F. Grace. 1,443,360; Jan. 30.
Condenser. J. F. Grace. 1,474,358; Nov. 20.
Condenser. J. G. Hunter. 1,463,468; July 31.
Condenser. N. W. Krase and V. L. Gaddy. 1,463,216; July 31.
Condenser. L. D. McEwen. 1,457,847; June 5.
Condenser. E. F. Seager. 1,462,214; July 17.
Condenser. J. Schneible. Re15,554; Mar. 6.
Condenser. C. D. Tuska. Re15,689; Sept. 25.
Condenser. C. D. Tuska. 1,468,653; Sept. 25.
Condenser. C. M. Yates. 1,442,591; Jan. 16.
Condenser and air-pump apparatus. R. N. Ehrhart. 1,466,042; Aug. 28.
Condenser and aspirator, Hydraulic. H. F. Benson. 1,444,097; Feb. 6.
Condenser and making the same. P. E. Demmler. 1,467,776–7; Sept. 11.
Condenser apparatus. R. N. Ehrhart. 1,456,871; May 29.
Condenser-circulating system. A. Dow. 1,466,703; Sept. 4.
Condenser, Electric. F. G. Goldstone. 1,465,264; Aug. 21.
Condenser, Electric. C. F. and W. H. Smith. Re15,642; July 8.
Condenser, Electrical. B. Macpherson. 1,446,650; Feb. 27.
Condenser, Electrolytic. L. W. Chubb. 1,463,152; July 31.
Condenser, Electrolytic. C. L. Fortescue. 1,453,388; May 1.
Condenser, Electrolytic. J. Slepian. 1,473,883; Nov. 13.
Condenser, Rolled. P. Thomas. 1,470,781; Oct. 16.
Condenser, Surface. A. Ginabat. 1,451,334; Apr. 10.
Condenser, Surface. S. M. Lillie. Re15,553; Mar. 6.
Condensers, Air pump for. K. Baumann. 1,459,433; June 19.
Condensers and like apparatus, Cleansing of. F. G. Martin. 1,447,096; Feb. 27.
Condensers, Apparatus for use in manufacturing. W. H. Priess. 1,472,494; Oct. 30.
Condensers, Apron roughener for. D. O. Pease. 1,471,414; Oct. 23.
Condensers, Electrolyte for electrolytic. E. J. Haverstick. 1,472,169; Oct. 30.
Condensers, Withdrawal of air and water of condensation from steam. W. D. Weir. 1,476,663; Dec. 4.
Condensing apparatus. R. N. Ehrhart. 1,456,870; May 29.
Condensing apparatus. A. T. Kasley. 1,444,546; Feb. 6.
Condensing device. S. Gurski. 1,440,917; Jan. 2.
Condensing system. W. H. Phillips. 1,475,242; Nov. 27.
Condensing the moisture in the breath, Device for. A. Hogan. 1,468,298; Sept. 18.
Condiment container. E. Gubich. 1,473,552; Nov. 6.
Condiment holder. G. A. Baeder. 1,463,543; July 31.
Condiment holder. A. Hergenreder and L. A. Sachs. 1,440,387; Jan. 2.
Condiment holder, Cap for a. W. A. Switzer. Des. 63,273; Nov. 13.
Conducting cords. Reel for. F. J. Spuehler. 1,464,631; Aug. 14.
Conductor-bar holder. H. F. Raab. 1,441,025; Jan. 2.
Conductor connection. J. T. Tighe. 1,455,415; May 15.
Conductor, Cord. C. E. Carter. 1,442,648; Jan. 16.
Conductor holder. H. P. Chandler. 1,461,753; July 17.
Conductor hook. E. W. Morhoff and C. W. Dobelin. 1,476,764; Dec. 11.
Conductor support. H. P. Chandler. 1,461,750–2; July 17.
Conductor support. H. P. Chandler. 1,465,344; Aug. 21.
Conductor support. H. P. Chandler. 1,471,545–6; Oct. 23.
Conductor support. M. W. Manz and S. S. Matthes. 1,448,141; Mar. 13.
Conductor support. S. S. Matthes. 1,448,143; Mar. 13.
Conductor support. S. S. Matthes. 1,469,098; Sept. 25.
Conductor support. S. S. Matthes. 1,477,580; Dec. 18.
Conductor support. A. C. Wood. 1,461,811–2; July 17.
Conductor support. A. C. Wood. 1,469,134; Sept. 25.
Conductors, Making leading-in. W. G. Housekeeper. 1,452,275; Apr. 17.
Conduit. A. S. Bent. 1,443,162; Jan. 23.
Conduit box, Universal. F. J. Miner. 1,462,209; July 17.
Conduit coupling. C. E. Bown. 1,443,455; Jan. 30.
Conduit coupling. H. K. Sweney. 1,475,150; Nov. 20.
Conduit end fitting. F. I. Johnson. 1,457,171; May 29.
Conduit, Flexible. R. C. Agner. 1,451,800; Apr. 17.
Conduit, Hot-air. J. Novak. 1,451,887; Apr. 17.
Conduit, Multiple. W. C. Meredith. 1,459,476; June 19.
Conduit outlet box. W. G. Franke. 1,456,792; May 29.
Conduit outlet boxes, Lamp-guard attachment for. C. H. Bissell. 1,441,554; Jan. 9.
Conduit outlet boxes, Lining for. W. M. Silliman. 1,450,310; Apr. 3.
Conduit piping, Junction box for. J. W. Jones. 1,440,389; Jan. 2.
Conduit-protection means. D. F. Holman. 1,466,718; Sept. 4.
Conduits, cables, and the like, Connecting device for electrical. G. C. Thomas, jr. 1,475,524; Nov. 27.
Cone: *See*—
Clutch cone.
Cone-baking machine. D. L. Stull. 1,461,836; July 17.
Cone, Cap. J. O. McKean. 1,458,587; June 12.
Cone-making machine. J. Shapiro. 1,460,611; July 3.
Cone pulleys, Belt shifter for stepped. E. Mills. 1,440,482; Jan. 2.
Confection. F. C. Hitch and A. H. Peter. 1,476,612; Dec. 4.
Confection and making the same. A. M. Alexander. 1,459,078; June 19.
Confection-coating machines. G. S. Perkins. 1,445,550; Feb. 13.
Confection-cone tray. L. R. Girard. 1,468,563; Sept. 18.
Confection, Formula for a. O. W. and F. C. Bullard. 1,445,200; Feb. 13.
Confection-making apparatus. C. P. Speck. 1,451,031; Apr. 10.
Confection-making apparatus, Depositor for. C. P. Speck. 1,477,085; Dec. 11.
Confection-making machine. E. Sprague, jr. 1,478,490; Dec. 25.
Confection mold. C. A. Plempel. 1,472,229; Oct. 30.
Confection, Producing a frozen. E. B. Vaughan. 1,445,187; Feb. 13.
Confection-wrapping machines, Positioning and feeding mechanism for. J. P. Remington. 1,465,402; Aug. 21.
Confectionery-coating machine. C. J. Oyster. 1,466,381; Aug. 28.
Confectionery, Means for dipping and coating. F. R. Giddings. 1,461,115; July 10.
Confections, Making frozen. H. B. Burt. 1,470,524–5; Oct. 9.
Confections, Polishing machine for coated. W. B. Ranney. 1,476,840; Dec. 11.
Confections, Process and apparatus for making. W. S. Cloud. 1,462,883; July 24.
Connecter. V. R. Bottone. 1,475,257; Nov. 27.
Connecter. F. T. Lippincott. 1,443,579; Jan. 30.
Connecter. W. E. Munslow. 1,450,108; Mar. 27.
Connecter. F. C. Raub. 1,440,628; Jan. 2.
Connecter. R. E. Tilton. 1,473,362; Nov. 6.
Connecter. P. L. Varble. 1,446,630; Feb. 27.
Connecter, Rotatable. J. Pierson. 1,460,037; June 26.
Connecting bar. F. Schaefer. 1,470,119; Oct. 9.
Connecting bars, Reenforced. F. S. Schaefer. 1,445,850; Feb. 20.
Connecting joint. A. O. Austin. 1,477,800; Dec. 18.
Connecting rod. H. B. Layman. 1,444,471–2; Feb. 6.
Connecting rod. J. W. Pearson. 1,444,883; Feb. 13.
Connecting rod. F. Schaefer. 1,470,120; Oct. 9.
Connecting-rod and piston aligning machine. J. C. Wilkie. 1,462,926; July 24.
Connection mechanism. R. L. Wilcox and C. O. Petitjean. 1,457,098; May 29.
Connection protector. E. C. Gnau. 1,463,208; July 31.
Construction tie. C. P. Schaefer and R. M. Brown. 1,472,194; Oct. 30.
Contact and making same. L. A. Mau. 1,462,609; July 24.
Contact bowl. A. Wigand. 1,457,804; June 5.
Contact spring. B. Raettig. 1,477,527; Dec. 11.
Contact terminal. H. Kreisheld. 1,451,548; Apr. 10.
Container. S. H. Bailey. 1,475,776; Nov. 27.
Container. A. H. Bosworth. 1,463,663; July 31.
Container. W. P. Braender. 1,477,686; Dec. 18.
Container. H. Brill. Des. 62,098; Mar. 20.
Container. R. Buedingen. 1,468,000; Sept. 18.
Container. R. Buedingen. 1,472,582; Oct. 30.
Container. I. W. Chernoff. 1,464,127; Aug. 7.
Container. J. N. Darley, jr. 1,447,717; Mar. 6.
Container. J. M. Falls. 1,451,768; Apr. 17.
Container. F. E. Fey. 1,457,155; May 29.
Container. E. B. Finlayson. 1,462,034; July 17.
Container. F. Goertz. 1,451,505; Apr. 10.
Container. C. Gueritey. 1,443,682; Jan. 30.
Container. D. S. Hartshorn. 1,441,343; Jan. 9.
Container. G. P. Hemstreet. 1,468,152; Sept. 18.
Container. E. S. Hoyt. 1,441,092; Jan. 2.
Container. J. E. Hudgel. 1,447,473; Mar. 6.
Container. H. E. Hutchison. 1,469,512; Oct. 2.
Container. H. R. Jones. 1,476,404; Dec. 4.
Container. C. A. Ketterer. 1,474,326; Nov. 13.
Container. J. H. Killion. 1,441,286; Jan. 9.
Container. J. H. Killion. 1,467,675; Sept. 11.
Container. J. C. King and W. S. Nish. 1,467,762; Sept. 11.

Container. A. A. Miller. 1,447,030; Feb. 27.
Container. A. A. Miller. 1,449,238; Mar. 20.
Container. G. J. Mulligan. 1,471,910; Oct. 23.
Container. J. H. Newhard. 1,473,732; Nov. 13.
Container. H. M. Nichols. 1,457,790; June 5.
Container. A. L. Nickerson. 1,441,705; Jan. 9.
Container. J. H. Proctor. 1,443,196; Jan. 23.
Container. P. R. Puckett. 1,472,088; Oct. 30.
Container. H. R. Radin. 1,467,010; Sept. 4.
Container. J. Rohdiek. 1,470,579; Oct. 9.
Container. W. H. Rose. 1,470,031–2; Oct. 9.
Container. P. G. Ross. 1,464,395; Aug. 7.
Container. A. J. Schindler. 1,443,279; Jan. 23.
Container. A. Schoenbrun. 1,467,768; Sept. 11.
Container. S. Schopflocher. 1,464,273; Aug. 7.
Container. J. H. Sharp. 1,462,665; July 24.
Container. A. H. Trageser and L. Hassinger. 1,466,606; Aug. 28.
Container. S. M. Walker. 1,477,400; Dec. 11.
Container. F. B. Wendel. 1,464,457; Aug. 7.
Container. J. Whiting and P. Wadsworth. 1,469,567; Oct. 2.
Container. R. W. Wilson. Re15,564; Mar. 20.
Container. R. W. Wilson. 1,463,354; July 31.
Container. E. W. Wills. 1,470,248; Oct. 9.
Container. P. Zalkind. 1,470,705; Oct. 16.
Container and closure therefor. R. R. Evans. 1,466,583; Aug. 28.
Container and holder therefor. F. J. Solon. 1,455,974; May 22.
Container and spout. E. H. Dryer. 1,473,925; Nov. 13.
Container, Antiseptic. F. C. Leahy and G. H. Hileman. 1,452,299; Apr. 17.
Container box, Cylinder-shape slip-lid. P. N. Brown. 1,445,068; Feb. 13.
Container cap. P. E. Body. 1,458,027; June 5.
Container cap. M. Feldstein. 1,476,700; Dec. 11.
Container cap. E. P. Ryburg. 1,477,772; Dec. 18.
Container closure. S. F. Nahm. 1,476,411; Dec. 4.
Container cover. W. Plagg. 1,473,043; Nov. 6.
Container caps, Apparatus for agitating, separating, positioning, and distributing. J. E. Tornquist and W. J. Towle. 1,446,024; Feb. 20.
Container closure. D. Bloom. 1,459,277; June 19.
Container closure. W. W. Mason. 1,453,077; Apr. 24.
Container, Collapsible. W. H. P. Boll. 1,443,614; Jan. 30.
Container, Combination. M. Blumenthal. 1,467,632; Sept. 11.
Container, Compact. I. B. Eppenstein. 1,464,355; Aug. 7.
Container cover. R. Buedingen. 1,469,618; Oct. 2.
Container cover. G. A. Taylor. Des. 62,071; Mar. 13.
Container device. F. Schmid and M. Rosow. 1,446,019; Feb. 20.
Container, Display. C. G. Turner. Des. 62,072; Mar. 13.
Container, Foldable and collapsible. W. W. Woodworth. 1,459,459; June 19.
Container, Folding. A. L. Hawes. 1,472,755; Oct. 30.
Container, Folding veneer. W. E. La Belle. 1,451,989; Apr. 17.
Container for cakes, crackers, and the like. F. R. Blount. 1,443,207; Jan. 23.
Container, Fruit. E. C. Bryan. 1,445,479–80; Feb. 13.
Container handle. E. A. Lange. 1,470,536; Oct. 9.
Container handle, Portable. I. Schneider. 1,451,408; Oct. 30.
Container header. B. K. Ford. 1,447,345; Mar. 6.
Container, Heat-treating. N. L. Olson. 1,444,033; Feb. 6.
Container holder. A. B. Moser. 1,336,717; Feb. 27.
Container, Jacketed vacuum. B. Donath. 1,448,996; Mar. 20.
Container, Knockdown. W. T. S. Brown. 1,468,340; Sept. 18.
Container, Knockdown. J. H. Killion. 1,441,509; Jan. 9.
Container lid. F. Owen. 1,477,585; Dec. 18.
Container machine, Rotatable. S. W. Taylor. 1,449,845; Mar. 27.
Container, Metal. W. T. Davies. 1,454,958; May 15.
Container, Metal. A. Schroeder. 1,444,529; Feb. 6.
Container, Moistureproof fiber. G. W. Wheelwright. 1,455,979; May 22.
Container, Multiple-compartment. S. N. Reger. 1,459,257; June 19.
Container, Pouring-spout. J. M. Hothersall. 1,478,035; Dec. 18.
Container, Refrigerated. J. R. Ellis. 1,441,672; Jan. 9.
Container, Separable compartment. G. X. Wendling. 1,478,194; Dec. 18.
Container, Sheet-metal. H. J. Schaffer. 1,470,766; Oct. 16.
Container, Slide-top. R. N. Doble. 1,473,782; Nov. 13.
Container top. C. S. Baron. 1,461,375; July 10.
Container top. F. Coates. 1,469,067; Sept. 25.
Container, Vacuum hinge-cover. J. M. Hothersall. 1,451,875; Apr. 17.
Container, Vacuum-walled. R. S. Wile and S. H. Gobay. 1,463,027; July 24.
Containers and dispensers, Manufacture of capillary. W. Goodchild. 1,452,801; Apr. 24.
Containers and making the same, Screw closure for. C. Hammer. 1,440,984; Jan. 2.
Containers and the like, Carrier for. H. Bell. 1,459,192; June 19.
Containers, Attachment for liquid. A. Krause. 1,465,013; Aug. 14.
Containers, Closure for. M. Gianini. 1,467,578; Sept. 11.
Containers, Closure for. C. Hammer. 1,440,988–9; Jan. 2.
Containers, Closure for. F. S. Hyatt. 1,454,170; May 8.
Containers, Closure for. L. A. Molten. 1,469,235; Oct. 2.
Containers, Closure member for liquid. A. E. Bronson and J. J. Bowes, jr. 1,464,692; Aug. 14.
Containers, Combination. G. C. Kennedy. 1,469,938; Oct. 9.
Containers, Cover fastener for. E. M. Seifert. 1,441,125; Jan. 2.
Containers, Discharge for. R. Winship. 1,448,894; Mar. 20.
Containers, Display cover for. F. Eagle. 1,471,781; Oct. 23.
Containers, Hinged cover for. F. W. Downs. 1,455,133; May 15.
Containers, Label for poisonous. L. M. Avenson and J. L. Hagie. 1,464,347; Aug. 7.
Containers, Making. C. T. Ford. 1,471,952; Oct. 23.
Containers, Making acidproof. J. E. Perrault. 1,454,687; May 8.
Containers, Making sheet-metal. W. H. Richman. 1,478,060; Dec. 18.
Containers, Method of and apparatus for sealing. N. P. Bach. 1,475,469; Nov. 27.
Containers, Rack for stacked. J. L. Fate. 1,451,146; Apr. 10.
Containers, Safety vent for hydrocarbon. V. Clifford. 1,444,661; Feb. 6.
Containers, Screw closure for. C. Hammer. 1,440,990; Jan. 2.
Containers, Sealing closed. B. Heller. 1,469,923; Oct. 9.
Containers, Sifter top for. L. A. Wegenaar. 1,471,298; Oct. 16.
Containers, Ventilating cover for. G. T. Morris. 1,469,169; Sept. 25.
Control apparatus. R. P. Brown. 1,459,821; June 26.
Control apparatus. A. H. Candee. 1,444,947; Feb. 13.
Control apparatus. R. E. Hellmund. 1,451,544; Apr. 10.
Control apparatus. T. McLeod. 1,446,261; Feb. 20.
Control apparatus. J. S. McWhirter. 1,473,824; Nov. 13.
Control apparatus. K. A. Simmon. 1,444,984; Feb. 13.
Control apparatus. K. A. Simmon. 1,470,771; Oct. 16. 1,472,161; Oct. 30.
Control apparatus, Automatic. L. Behr. 1,474,884; Nov. 20.
Control, Automatic. H. C. Fincham and F. C. Fisher. 1,442,658; Jan. 16.
Control device, Fluid-. W. Richmond and J. E. Jenkins. Dec. 11.
Control head. D. Breeding. 1,450,968; Apr. 10.
Control instrument. J. C. Schaffer. 1,448,946; Mar. 20.
Control mechanism. J. Buckley. 1,460,785; July 3.
Control mechanism. J. W. Page. 1,465,678; Aug. 21.
Control mechanism. T. C. Roberts. 1,468,675; Sept. 25.
Control mechanism, Automatic. G. W. Woodward. 1,464,962; Aug. 14.
Control, Neutral-position safety. W. E. Day. 1,462,031; July 17.
Control or other mechanism, Operating handle for. R. J. C. Tampier. 1,458,013; June 5.
Control switch, Multiple-. W. J. Spiro. 1,459,557; June 19.
Control system. E. F. W. Alexanderson. 1,461,571; July 10.
Control system. E. M. Bouton. 1,448,381; Mar. 13.
Control system. E. M. Bouton. 1,461,512; July 10.
Control system. R. E. De Camp. 1,442,053; Jan. 16.
Control system. C. L. Fortescue and L. J. Hibbard.
Control system. A. A. Gazda. 1,463,947; Aug. 7.
Control system. A. L. Harvey. 1,466,285; Aug. 28.
Control system. R. E. Hellmund. 1,475,823; Nov. 27.
Control system. G. W. Hurtt. 1,454,928; May 15.
Control system. H. D. James. 1,448,407; Mar. 13.
Control system. H. D. James. 1,466,288; Aug. 28.
Control system. F. Jeffrey. 1,476,978; Dec. 11.
Control system. R. T. Kintzing. 1,463,168; July 31.
Control system. H. D. Murdock. 1,477,377; Dec. 11.
Control system. K. A. Simmon. 1,440,499; Jan. 2.
Control system. K. A. Simmon and H. R. Meyer. 1,440,500; Jan. 2.
Control system. G. F. Smith. 1,453,412; May 1.
Control system. N. W. Storer. Re. 15,524–5; Jan. 9.
Control system and apparatus. A. J. Hall and P. L. Mardis. 1,458,935; June 19.
Control, System of. R. E. Hellmund. 1,466,287; Aug. 28.
Control, System of. F. M. Parks. 1,470,759; Oct. 16.
Control, System of. O. Wortman. 1,460,190; June 26.
Control, System of air. R. Hofstetter. 1,441,088; Jan. 2.
Control systems, Regulator for regenerative. C. A. Boddie. 1,448,380; Mar. 13.
Controlled mechanism, Support for. L. K. Snell and C. W. McKinley. 1,468,522; Sept. 18.
Controller. F. Diehl. 1,478,701; Dec. 25.
Controller, Automatic. P. H. Hamilton. 1,442,145; Jan. 16.
Controlling and regulating apparatus. F. W. Meyer. 1,442,728; Jan. 16.
Controlling apparatus. G. A. Knaak. 1,459,218; June 19.
Controlling device. L. A. Mapel. 1,445,841; Feb. 20.

Controlling device, Automatic. A. C. Beckwith. 1,467,418; Sept. 11.
Controlling means. C. J. Berry. 1,449,212; Mar. 20.
Controlling means. C. S. Schroeder. 1,474,446; Nov. 20.
Controlling mechanism. F. D. Holdsworth. 1,465,437; Aug. 21.
Controlling mechanism. F. D. Holdsworth. 1,473,601; Nov. 6.
Controlling mechanism. C. E. Hopkins. 1,477,222; 1,443,592; Jan. 30.
Controlling mechanism, Mechanical. E. F. Hathaway. 1,444,503; Feb. 6.
Controlling-member attachment. L. J. Cobus. 1,454,314; May 8.
Controlling system. L. M. Allen. 1,459,431; June 19.
Controlling system. W. P. Albert. 1,449,573; Mar 27.
Controlling the operation of automatic machines, Safety device for. J. I. Robin. 1,440,894; Jan. 2.
Controls, Locking means for accumulator. F. W. Bernau. 1,471,770; Oct. 23.
Converter, Rotary. H. F. T. Erben. 1,446,005; Feb. 20.
Convertible chair. B. W. Goebel. 1,462,959; July 24.
Convertible chair. F. W. Marheine. 1,471,495; Oct. 23.
Convertible rake. H. T. Weis. 1,471,989; Oct. 23.
Conveying apparatus. H. O. Stamp. 1,474,855; Nov. 20.
Conveyer. J. A. Anderson. 1,478,844; Dec. 25.
Conveyer. O. J. Boos. 1,454,809; May 8.
Conveyer. I. L. Bretzfelder. 1,473,808; Nov. 13.
Conveyer. E. W. Davis. 1,449,216; Mar. 20.
Conveyer. C. O. Ekstadt. 1,447,936; Mar. 6.
Conveyer. M. Ellrich. 1,455,433; May 15.
Conveyer. I. W. England. 1,463,011; July 24.
Conveyer. S. L. Eustis, jr. 1,460,952; July 3.
Conveyer. O. P. Fike. 1,450,952; Apr. 10.
Conveyer. J. W. Free. 1,442,718; Jan. 16.
Conveyer. G. Haiss. 1,444,743; Feb. 6.
Conveyer. J. V. Hendrick. 1,441,085; Jan. 2.
Conveyer. W. G. Howe and F. R. White. 1,442,219; Jan. 16.
Conveyer. C. A. Hoy. 1,444,919; Feb. 13.
Conveyer. A. O. Hurxthal. 1,446,308; Feb. 20.
Conveyer. J. E. McBride. 1,447,219; Mar. 6.
Conveyer. G. W. Mascord. 1,447,423; Mar. 6.
Conveyer. W. H. Onion. 1,458,435; June 12.
Conveyer. A. J. Rebstock. 1,450,225–6; Apr. 3.
Conveyer. G. H. Rose. 1,447,326; Mar. 6.
Conveyer. H. A. Schutt and J. N. Dunnebacke. 1,471,927; Oct. 23.
Conveyer. C. T. Small. 1,476,112; Dec. 4.
Conveyer. C. J. Walden. 1,476,936; Dec. 11.
Conveyer. P. J. Walsh. 1,474,393; Nov. 20.
Conveyer. J. L. Wentz. 1,455,977; May 22.
Conveyer. G. H. Willis. 1,475,099; Nov. 20.
Conveyer and driving mechanism therefor. F. E. Arndt. 1,477,234; Dec. 11.
Conveyer and leer-charging mechanism. W. O. Amsler. 1,464,554; Aug. 14.
Conveyer apparatus. T. Brady. 1,465,155; Aug. 14.
Conveyer apparatus. H. M. Brightman. 1,456,218; May 22.
Conveyer apparatus. J. P. Eastman. 1,448,393; Mar. 13.
Conveyer apparatus. H. S. Marsh and R. S. Cochran. 1,442,961; Jan. 23.
Conveyer apparatus. J. H. Rand. 1,444,359; Feb. 6.
Conveyer aprons, Device for stripping stock from. F. L. Furbush. 1,478,784; Dec. 25.
Conveyer carriage. A. L. Shaw. 1,462,986; July 24.
Conveyer, Centrifugal. F. W. Krogh. 1,441,589; Jan. 9.
Conveyer-coupling means. F. B. Caldwell. 1,462,461; July 17.
Conveyer device. R. Shedenhelm. 1,477,776; Dec. 18.
Conveyer, Discharging. J. Ross. 1,462,126; July 17.
Conveyer, Elevator. L. B. Neighbour. 1,473,795; Nov. 13.
Conveyer, Endless. A. L. Clark. 1,472,049; Oct. 30.
Conveyer, Endless. S. G. Margles and C. W. E. Niendorff. 1,455,542; May 15.
Conveyer, Endless-wire-belt. H. Smith. 1,472,252; Oct. 30.
Conveyer flight or blade and making same. C. B. D. Wood. 1,449,208; Mar. 20.
Conveyer for sheet material. J. Plonka. Re15,626; June 12.
Conveyer for substances in a fine or loose state of division. A. Redler. 1,475,596; Nov. 27.
Conveyer, Gravity. M. H. Pade. 1,473,509; Nov. 6.
Conveyer, Hoisting. J. B. Schaub. 1,443,506; Jan. 30.
Conveyer, Leer. H. S. Deputy. 1,447,649; Mar. 6.
Conveyer, Leer. W. R. Sterrett. 1,462,427; July 17.
Conveyer, Magnetic. C. W. Bennett and L. C. Steele. 1,444,999; Feb. 13.
Conveyer, Material. L. L. Kelly. 1,449,759; Mar. 27.
Conveyer mechanism. E. Haas. 1,458,701; June 12.
Conveyer mechanism. R. S. Jacobsen. 1,455,336; May 15.
Conveyer or the like. E. W. Robey. 1,468,545; Sept. 18.
Conveyer, Portable. G. Hanson and C. A. Nelson. 1,461,707; July 10.
Conveyer, Portable extensible. J. Jessen. 1,453,393; May 1.
Conveyer, Reciprocating. C. H. Lister. 1,462,510; July 24.
Conveyer structure. C. A. Nelson. 1,446,985; Feb. 27.
Conveyer support, Folding. A. J. Hartley. 1,441,851; Jan. 9.
Conveyer system. A. E. Bailey. 1,461,106; July 10.
Conveyer system. G. H. Hallock, G. F. Frederick, and B. H. Purcell. 1,457,364; June 5.
Conveyer system. H. J. Hoyt. 1,452,836; Apr. 24.
Conveyer system, Overhead. C. Nolan. 1,440,406; Jan. 2.
Conveyer system, Reciprocating. C. H. Lister. 1,462,511; July 24.
Conveyer systems, Automatic package separator for. T. M. Mills and J. T. Clark. 1,456,029; May 22.
Conveyer, Traveling. E. F. Millard and F. C. Dunham. 1,448,458; Mar. 13.
Conveyer with gravity rollers, Traveling. G. R. Roddy. 1,472,679; Oct. 30.
Conveyers, Actuating mechanism for reciprocating trough. S. Nettleton. 1,441,108; Jan. 2.
Conveyers, Drive and trip mechanism for. B. C. Skinner. 1,474,558; Nov. 20.
Conveyers, Fastening of trays to. M. Ellrich. 1,455,434; May 15.
Conveyers, Flow accelerator for pipe-line sand. J. Gyger. 1,444,069; Feb. 6.
Conveyers, Receiving and discharging apparatus of pneumatic. W. G. Hay. 1,449,857; Mar. 27.
Conveyers, Supporting and grinding means for endless band and like. F. G. Mitchell. 1,446,264; Feb. 20.
Conveyers, Swivel connection for elevator. L. B. Neighbour. 1,476,634; Dec. 4.
Conveyers, Transfer device for. S. Olson. 1,475,962; Dec. 4.
Conveyers, Transfer mechanism for. W. H. Clay. 1,450,354; Apr. 3.
Conveying and distributing apparatus. S. Shafer, jr. 1,451,308; Apr. 10.
Conveying and screening apparatus. E. E. Landahl. 1,460,491; July 3.
Conveying and spacing articles, Apparatus for. C. H. Dreher. 1,457,352; June 5.
Conveying apparatus. B. V. Edwards. 1,460,539; July 3.
Conveying apparatus. C. H. Plummer. 1,459,253; June 19.
Conveying apparatus. A. Smallwood. 1,470,394; Oct. 9.
Conveying apparatus. F. C. Van Eseltine. 1,472,445; Oct. 30.
Conveying heavy goods, Balancing carriage for. H. Folland and J. O. Powell. 1,466,524; Aug. 28.
Conveying machine. F. Wright. 1,459,524; June 19.
Conveying mechanism. E. C. Pool. 1,448,712; Mar. 13.
Conveying mechanism. A. G. Reck. 1,456,715; May 29.
Conveying mechanism. A. W. Soderberg. 1,458,859; June 12.
Conveying, Method of and system for. R. W. P. Horn and J. H. Nissley. 1,465,269; Aug. 21.
Conveying system. G. R. Bennett. 1,444,775; Feb. 13.
Conveying system. J. E. McBride. 1,459,916; June 26.
Cooker. S. L. Berry. 1,445,196; Feb. 13.
Cooker. B. B. Dudley. 1,444,239; Feb. 6.
Cooker. O. Fisher. 1,447,067; Feb. 27.
Cooker. O. H. Hansen. 1,478,222; Dec. 18.
Cooker. N. B. Henry. 1,451,729; Apr. 17.
Cooker. T. A. Hodge. 1,459,466; June 19.
Cooker. H. L. Mendal. 1,444,476; Feb. 6.
Cooker. C. J. Pugh. 1,476,839; Dec. 11.
Cooker and cooler, Pressure. A. K. Rarig. 1,449,246; Mar. 20.
Cooker and heater, Electric. G. O. Ditton. 1,455,909; May 22.
Cooker and heater, Fireless. M. J. McFarlane. 1,455,638; May 15.
Cooker and melting pot, Electric. H. C. Bausert. 1,462,224; July 17.
Cooker and water-heater apparatus, Combined electric. T. R. Stancombe. 1,474,562; Nov. 20.
Cooker, Camp. S. C. Hulick. 1,452,640; Apr. 24.
Cooker, Gas. C. H. Mitchell. 1,478,134; Dec. 18.
Cooker, Corned-beef. H. Adelmann. 1,449,850; Mar. 27.
Cooker, Hot-air and steam. E. C. and C. T. Hixson. 1,458,412; June 12.
Cooker, Meat-loaf. H. Adelman. 1,458,507; June 12.
Cooker, Mechanical. C. H. Fulson. 1,463,526; July 31.
Cooker, Steam-pressure. H. A. Poppert. 1,453,255; Apr. 24.
Cooker, Steam-pressure. J. T. Slocomb. 1,454,835–6; May 8.
Cooker, Steam-pressure. J. T. Slocomb. 1,444,043; Feb. 6.
Cookers, Electrical heating element for pressure. E. G. Hager. 1,440,826; Jan. 2.
Cookers, Reversible cover for. T. Kelly. 1,442,683; Jan. 16.
Cooking and cooling apparatus. A. R. Thompson. 1,467,960; Sept. 11.
Cooking and heating apparatus, Electric. R. E. Pearson. 1,465,995; Aug. 28.
Cooking and washing utensil. W. E. Warner. 1,452,261; Apr. 17.
Cooking apparatus. A. M. Demuth. 1,448,916; Mar. 20.
Cooking apparatus. A. M. Demuth. 1,467,141; Sept. 4. Oct. 30.
Cooking apparatus. V. Pace. 1,476,215; Dec. 4.
Cooking apparatus. N. V. Turner. 1,455,312; May 15.

Cooking apparatus. G. Wilcox. 1,446,955; Feb. 27.
Cooking apparatus for gas, liquid fuel, or electricity. S. A. Eskilson. 1,471,840; Oct. 23.
Cooking, Apparatus for household. A. Saxegaard. 1,471,573; Oct. 23.
Cooking appliance. S. Ménard. 1,443,883; Jan. 30.
Cooking device. M. Ivancic. 1,461,092; July 10.
Cooking device. M. Kott. 1,460,248; June 26.
Cooking device. A. Miller. 1,452,208; Apr. 17.
Cooking device, Electric. M. E. Penso. 1,460,140; June 26.
Cooking machine, Doughnut-. H. Lisi. 1,461,488; July 10.
Cooking outfit, Portable. G. Howard. 1,474,825; Nov. 20.
Cooking utensil. J. Barabas. 1,464,965; Aug. 14.
Cooking utensil. A. H. Brunner. 1,472,205; Oct. 30.
Cooking utensil. F. E. Corwin. 1,455,780; May 22.
Cooking utensil. H. J. Daniel. 1,457,654; June 5.
Cooking utensil. D. D. Dorrance. 1,470,963; Oct. 16.
Cooking utensil. K. Gammel. 1,462,275; July 17.
Cooking utensil. A. B. Leyse. 1,446,477; Feb. 27.
Cooking utensil. W. P. Miller and N. J. Karayanis. 1,460,975; July 3.
Cooking utensil. J. W. Millican. 1,445,788; Feb. 20.
Cooking utensil. H. V. Mulford and W. D. Felty. 1,461,366; July 10.
Cooking utensil. J. A. Pierce. 1,462,818; July 24.
Cooking utensil. G. Schluesselburg. 1,477,667; Dec. 18.
Cooking utensil. A. Sechler. 1,477,981; Dec. 18.
Cooking utensil. P. Simon. 1,445,457; Feb. 13.
Cooking utensil. C. E. Slye. 1,478,801; Dec. 25.
Cooking utensil. A. Small. 1,470,199; Oct. 9.
Cooking utensil. M. G. Sotnikov. 1,475,606; Nov. 27.
Cooking utensil. C. Turner. 1,472,376; Oct. 30.
Cooking utensil, Combination. G. I. Kohr. 1,444,346; Feb. 6.
Cooking utensil, Electric. H. Kruesheld. 1,459,539; June 19.
Cooking utensils, Device for. J. J. Hart. 1,462,105; July 17.
Cooking utensils, False bottom for. G. P. Nordstrom. 1,453,054; Apr. 24.
Cooking vessel. G. B. Culpepper. 1,467,710; Sept. 11.
Cooking vessel. H. Kunin. 1,450,687; Apr. 3.
Cooking vessels, Attachment for. G. L. Carpenter. 1,465,508; Aug. 21.
Cooking vessels, Bail support for. A. M. Schmuck. 1,475,890; Nov. 27.
Cooking vessels, Making pressure steam. J. T. Slocomb. 1,441,304; Jan. 9.
Cooking vessels, Safety cover for. B. A. Krafft. 1,468,908; Sept. 25.
Cooking vessels, Support for. J. H. Jacobs. 1,458,296; June 12.
Cookstove, Automobile. C. A. Parker, jr. 1,471,198; Oct. 16.
Cooky. F. Werner. Des. 63,600; Dec. 18.

Cooler: *See*—
Air cooler.
Bottle cooler.
Milk cooler.
Milk and butter cooler.
Water cooler.

Cooler. W. M. Rapp. 1,452,757; Apr. 24.
Cooling chamber. J. J. Mojonnier. 1,446,477; Feb. 27.
Cooling and dehydrating materials. F. Maus. 1,446,054; Feb. 20.
Cooling and fragmenting apparatus and method. H. C. Cronemeyer. 1,459,947; June 26.
Cooling and oil-saving attachment. F. B. Leonard. 1,448,708; Mar. 13.
Cooling and refrigerating solution. N. A. Dubois. 1,442,330; Jan. 16.
Cooling and ventilating apparatus. B. Macfadden. 1,448,363; Mar. 13.
Cooling bed. A. L. Foell. 1,448,395; Mar. 13.
Cooling bed. W. Worthington. 1,448,425; Mar. 13.
Cooling device. J. L. Tandy. 1,465,497; Aug. 21.
Cooling purposes, Apparatus for. W. Hamer. 1,472,831; Nov. 6.
Cooling tower. E. Burhorn. 1,449,936; Mar. 27.
Coop. W. F. Livingston. 1,465,854; Aug. 21.
Coop and trap, Combined chicken. A. Dawley 1,473,019; Nov. 6.
Coop, Baby-chick. J. F. McGaffee. 1,499,428; Mar. 27.
Coop, Battery poultry. J. B. Danley. 1,469,384; Oct. 2.
Coop, Chicken. J. W. Pottenger. 1,464,581; Aug. 14.
Coop, Chicken-brooding. C. C. White. 1,464,459; Aug. 7.
Coop, Collapsible. J. O. Farrar. 1,472,159; Oct. 30.
Coop, Folding. G. W. Vandevender. 1,451,972; Apr. 17.
Coop, Knockdown chicken. W. L. Butcher. 1,455,105; May 15.
Coop, Poultry. G. L. Bilbrey. 1,478,695; Dec. 25.
Coop, Poultry. C. E. Stockham. 1,461,989; July 17.
Cop. J. O. McKean. 1,443,370; Jan. 30.
Cop cover. J. H. Vogt. 1,465,536; Aug. 21.
Cop-tube spindle. T. Belanger. 1,447,170; Mar. 6.
Copper, Electrolytic deposition of. F. L. Antisell. 1,465,034; Aug. 14.
Copper, Electrodeposition of. C. G. Fink. 1,441,568; Jan. 9.
Copper, Hydrometallurgical precipitation of. F. Laist. 1,461,918; July 17.
Copper, Method and apparatus for the electrolytic recovery of. G. D. van Arsdale. 1,449,462; Mar. 27.
Copyholder. E. W. Curtis. 1,447,124; Feb. 27.
Copyholder. R. I. Kelleher. 1,459,334; June 19.
Copyholder. H. S. Levy. 1,458,713; June 12.
Copyholder. A. N. Woodruff. 1,469,749; Oct. 2.
Copying apparatus. D. Eugster. 1,468,939; Sept. 25.
Copying device. F. D. Atherton, jr. 1,470,134; Oct. 9.
Copying device. W. Bauersfeld. 1,478,693; Dec. 25.
Copying machines, Cutting device for. F. May. 1,451,145; Apr. 10.
Cord adjuster. N. L. Pruden. 1,444,754; Feb. 6.
Cord anchor. P. Rissmann. 1,462,125; July 17.
Cord control. G. L. and M. R. Banks. 1,465,334; Aug. 21.
Cord dispenser. C. C. Helman. 1,451,300; Apr. 10.
Cord gripping and securing device. A. M. Adams. 1,454,717; May 8.
Cord-gripping appliance. A. C. Hough. 1,456,237; May 22.
Cord holder. J. W. Brown and J. N. Fitzsimmons. 1,459,763; June 26.
Cord holder and cutter. M. E. Gerould. 1,443,358; Jan. 30.
Cord-holding device. W. M. Caple. 1,474,402; Nov. 20.
Cord retriever. L. Holloway. 1,448,300; Mar. 13.
Cordage wrapper and package. H. L. Greve. 1,455,838; May 22.
Cordage wrapper. H. L. Greve. 1,473,578; Nov. 6.
Cords, Anchor connection for flexible. P. Rissman. 1,454,253; May 8.
Cordwood, Cradling boom for. L. Larsen. 1,465,716; Aug. 21.
Core and chuck. P. and B. De Mattia. 1,456,426; May 22.
Core box. G. C. and G. F. Deved. 1,442,329; Jan. 16.
Core box, Adjustable. E. R. Hildebrandt. 1,468,202; Sept. 18.
Core, Collapsible. F. H. Grove. 1,467,315; Sept. 11.
Core, Collapsible. P. De Mattia. 1,475,109; Nov. 20.
Core, Collapsible. J. F. Wallace. 1,455,686; May 15.
Core-drying means. J. C. Davis. 1,445,872; Feb. 20.
Core. Expansible. P. R. E. Lehmann. 1,466,366; Aug. 28.
Core for making pipes and the like. F. S. Hale. 1,456,058; May 22.
Core holder or support. H. A. Foothorap. 1,455,195; May 15.
Core lifter. J. Walker. 1,448,885; Mar. 20.
Core-making machine. O. Kylin. 1,457,439; June 5.
Core-making machine. G. H. Wadsworth. 1,441,048; Jan. 2.
Core-making machine, Multiple. J. H. Morris. 1,447,683; Mar. 6.
Core, Multipart. M. Guyot. 1,449,097; Mar. 20.
Core remover. H. E. Easterday. 1,475,989; Dec. 4.
Core, Sectional. H. H. Brand. 1,449,085; Mar. 20.
Core, Tubular folding and collapsible. A. J. Guiley. 1,466,527; Aug. 28.
Coring machine. E. A. Bostrom. 1,463,114; July 24.
Cores, Applying cord fabric to. T. P. Little. 1,471,905; Oct. 23.
Cores, Prolonging the life of expansible vulcanizing. J. D. Tew. 1,452,326; Apr. 17.
Cork and other products from bark, Recovering. G. C. Howard. 1,455,762; May 15.
Cork, Apparatus for forming articles of. T. C. Wester. 1,455,946; May 22.
Cork extractor. G. N. Carothers. 1,449,654; Mar. 27.
Cork-inserting machine. C. Boisset. 1,474,227; Nov. 13.
Cork, Process of and apparatus for manufacturing articles of comminuted. W. G. Bond. 1,453,617; May 1.
Cork-rod baker. P. Harrich. 1,478,873; Dec. 25.
Corking machine. H. O. Benton. 1,469,614; Oct. 2.
Corking machine. S. Gillespie and F. L. Shelor. 1,460,650; July 3.
Corks, Machine for use in connection with the manufacture of. A. Gregory. 1,449,599; Mar. 27.
Corn and bunion shield. J. H. Smith. 1,445,725; Feb. 20.
Corn, Cleaning device for. W. G. Whitehead. 1,466,496; Aug. 28.
Corncrib block, Cement. W. Meyer. 1,444,422; Feb. 6.
Corncribs and the like, Wall structure for. J. H. Irey. Re15,630; June 19.
Corn crusher, Ear-. F. R. Killick. 1,477,502; Dec. 11.
Corn cutting and shocking machine. T. F. Kuhn. 1,470,085; Oct. 9.
Corn-debutting machine, Green-. W. H. Leister. 1,453,248; Apr. 24.
Corn drier, Seed-. J. S. Bain. 1,456,295; May 22.
Corn eradicator. A. L. Mallory. 1,477,274; Dec. 11.
Corn feeding and debutting machine. G. W. Davis. 1,456,624; May 29.
Corn from the cob, Machine for cutting. W. W. and S. E. Morral. 1,465,525; Aug. 21.
Corn husker. O. Boyer. 1,461,748; July 17.
Corn husker. W. T. Yard. 1,441,960; Jan. 9.
Corn husker and the like. A. R. Keeler. 1,471,898; Oct. 23.
Corn-husking machine. R. Cover. 1,458,221; June 12.
Corn-husking machine. W. H. Leister. 1,471,616; Oct. 23.
Corn-husking machine. H. L. Nelson. 1,458,721; June 12.
Corn-husking machine. E. C. Schroeder. 1,444,009; Feb. 6.

Corn-husking machines, Rolls for. T. H. Oppenheim and B. Selhorst. 1,462,815; July 24.
Corn-husking machines, Snapping mechanism for. C. Dueker. 1,464,564; Aug. 14.
Corn mixer and silk remover. J. J. Peahotzki. 1,456,826; May 29.
Corn, Pan for popping. C. Cretors. 1,478,819; Dec. 25.
Corn picker. J. A. Buckingham. 1,472,407; Oct. 30.
Corn popper. H. E. Grossenbacher. 1,444,244; Feb. 6.
Corn popper. R. C. Hunter. 1,466,721; Sept. 4.
Corn popper. B. E. Page. 1,467,448; Sept. 11.
Corn popper. R. D. Parks. 1,457,854; June 5.
Corn popper and peanut roaster. G. French. 1,464,567; Aug. 14.
Corn, Rack for drying seed. P. E. Sievert. 1,461,946; July 17.
Corn separator, Snapped-. F. J. Temple. 1,462,428; July 17.
Corn sheller. R. M. Mitchell. 1,461,283; July 10.
Corn sheller, Seed-. A. E. Olson. 1,444,882; Feb. 13.
Corn sheller, Seed. F. A. Preuss. 1,472,672; Oct. 30.
Corn shellers, Screen for. R. E. Hanneman. 1,461,144; July 10.
Corn, Showcase machine for popping. C. W. Mabey. 1,466,595; Aug. 28.
Corn shredders, Self-feeder for. P. G. Blonigen. 1,443,206; Jan. 23.
Corn-snapping machine. E. Saunders. 1,456.012; May 22.
Cornstalk lifter. L. T. Collin. 1,458,875; June 12.
Corn tipper, Seed-. C. F. Ladwig. 1,477,180; Dec. 11.
Corner bead. L. E. Curtis. 1,454,042; May 8.
Corner bead and making same. A. L. Clapp. 1,449,745; Mar. 27.
Corner-bead clamp. R. I. Edwards. 1,468,463; Sept. 18.
Corner-bead clip. W. C. Coryell. 1,453,973; May 1.
Corner construction, Interfitting. E. Ohnstrand. 1,462,617; July 24.
Corner fastening. F. Kusterle. 1,470,015; Oct. 9.
Corner-rounding machine. C. Brown. 1,475,741; Nov. 27.
Cornet. G. Contrisciani. 1,444,663; Feb. 6.
Correspondence and the like, Rack or file for. H. O. Ross. 1,449,194–5; Mar. 20.
Correspondence folder. A. Thompson. 1,473,747; Nov. 13.
Corrosion and heat resisting apparatus. P. A. E. Armstrong. 1,467,563; Sept. 11.
Corrugated board, Machine for making. B. Heinrichs. 1,453,458; May 1.
Corrugated, expansible collapsible elements, Producing. H. C. Mallory. 1,456,069; May 22.
Corrugated fastener, Nailer for. C. A. Macdonald. 1,450,730; Apr. 3.
Corrugated roller. F. D. Wilson. 1,454,305; May 8.
Corrugated-plate wheel. W. E. Williams. 1,451,354; Apr. 10.
Corrugating machine. G. A. and A. F. Trachte. 1,464,018; Aug. 7.
Corset. S. E. Bemis. 1,458,319; June 12.
Corset. L. A. Cirillo. 1,474,892; Nov. 20.
Corset. M. N. Croizier. 1,476,694; Dec. 11.
Corset. C. Munter. 1,463,833; Aug. 7.
Corset. H. V. Nordgren. 1,448,569; Mar. 13.
Corset. P. H. Robbins. 1,462,423; July 17.
Corset. C. H. Schopbach. 1,458,365; June 12.
Corset. C. H. Schopbach. 1,458,995; June 19.
Corset. C. C. Seley. 1,459,518; June 19.
Corset. M. Von Halle. 1,465,104–5; Aug. 14.
Corset abdominal supports, Designing. S. W. and H. M. McCormick. 1,473,241; Nov. 6.
Corset and abdominal support. S. H. Camp. 1,463,252; July 31.
Corset and similar garment. I. Roth. 1,469,335; Oct. 2.
Corset, Apparel. D. Kops. 1,458,767; June 12.
Corset boning and making the same. J. J. McCabe. 1,444,799; Feb. 19.
Corset clasp. W. Weinstein. 1,459,316; June 19.
Corset closure. C. Petersen. 1,464,217; Aug. 7.
Corset construction. J. L. Alberts. 1,457,482; June 5.
Corset-stay brace and abdomen support. M. W. Ells. 1,447,537; Mar. 6.
Cosmetic chest. H. Goodrich. Des. 63,119; Oct. 9.
Cosmetic-stick holder. W. G. Kendall. 1,447,727; Mar. 6.
Costumer, Child's. M. A. York. Des. 62,076; Mar. 13.
Cot, Child's. P. Barney. 1,478,725; Dec. 25.
Cot, Folding. J. L. McKellar. 1,474,200; Nov. 13.
Cot or hospital bed attachment. J. C. Van Slyke. 1,445,982; Feb. 20.
Cot, Portable folding sectional camp. J. H. Sheney. 1,457,232; May 29.
Cotter and the like. W. Oliver. 1,441,706; Jan. 9.
Cotter pin. F. J. Ecker. 1,444,065; Feb. 6.
Cotter-pin puller. J. C. De Graff. 1,476,695; Dec. 11.
Cotter-pin tool. J. A. Hay. 1,475,821; Nov. 27.
Cotton and other fibrous materials, Machine for opening and cleaning. H. Wilkinson. 1,452,133; Apr. 17.
Cotton and the like, Chute for. B. C. Woodford. 1,445,379; Feb. 13.
Cotton and the like, Machine for combing. J. Horridge. 1,476,754; Dec. 11.
Cotton-bale-compressing device. C. J. Luce. 1,458,584; June 12.
Cotton-blocking machine. S. G. Wicks. 1,446,530; Feb. 27.
Cotton-boll-ripening apparatus. W. Morava. 1,460,555; July 3.
Cotton chopper. J. Coltharp. 1,443,562; Jan. 30.
Cotton chopper. W. T. Marable. 1,468,244; Sept. 18.
Cotton chopper. E. D. Williams. 1,478,933; Dec. 25.
Cotton-chopping machine. R. Henry. 1,452,046; Apr. 17.
Cotton cleaner. T. D. Ross. 1,442,736; Jan. 16.
Cotton cleaner. E. P. Taft and G. Barton. 1,476,010; Dec. 4.
Cotton cleaner. A. Zoeller. 1,458,870; June 12.
Cotton cleaner and boll crusher. C. R. Wood. 1,455,765; May 15.
Cotton cleaners, Spider for. F. B. Williams. 1,463,522; July 31.
Cotton cleaning and conditioning machine. J. C. Byers. 1,453,744; May 1.
Cotton-cleaning machine. E. H. Rooney. 1,461,562; July 10.
Cotton-cleaning machine. D. Z. Wright. 1,470,314; Oct. 9.
Cotton, Distributor for. A. E. Searles. 1,449,151; Mar. 20.
Cotton drier and cleaner. H. H. Freeman. 1,449,392; Mar. 27.
Cotton fabric and product obtained thereby, Treating. C. L. Shuttig. 1,451,306; Apr. 10.
Cotton gin. C. L. Dickerman and W. E. Cummings. 1,477,694; Dec. 18.
Cotton gin. G. E. Evans. 1,464,810–1; Aug. 14.
Cotton gin. O. J. Walton and J. L. Beard. 1,445,373; Feb. 13.
Cotton gin. H. E. Werner. 1,452,667; Apr. 24.
Cotton gin. C. R. Wood. 1,448,022; Mar. 13.
Cotton gins, Cleaning feeder for. B. C. Woodford. 1,449,362; Mar. 20.
Cotton gins, Cleaner feeder for. B. C. Woodford. 1,478,594; Dec. 25.
Cotton gins, Lint-cleaning attachment for. J. W. Guynes. 1,450,592; Apr. 3.
Cotton machinery. J. L. Hart. 1,449,284; Mar. 20.
Cotton, Mercerizing. A. Nelson. 1,441,740; Jan. 9.
Cotton, Method of and apparatus for picking. J. H. McElroy. 1,448,930; Mar. 20.
Cotton opener. J. T. Hall. 1,457,832; June 5.
Cotton packer. M. T. Goforth. 1,447,466; Mar. 6.
Cotton picker. J. B. Neil. 1,456,645; May 29.
Cotton picker. J. B. Neil. 1,458,433; June 12.
Cotton picker, Mechanical. R. G. Rycroft. 1,447,328; Mar. 6.
Cotton-picker's bag carrier. R. Keith. 1,473,105; Nov. 6.
Cotton-picker's sack. A. E. Meyer. 1,458,773; June 12.
Cotton-picking machine. W. B. Edrington. 1,465,974; Aug. 28.
Cotton-picking machine. W. T. Harris, L. F. Hamme, and W. T. Hoofnagle. 1,454,737; May 8.
Cotton-picking machine. Damper-controlling means for. A. St. Onge. 1,462,307; July 17.
Cotton-preparing machine. J. Moss. 1,447,684; Mar. 6.
Cotton-preparing machine and the like. J. Moss. 1,443,922; Jan. 30.
Cotton-preparing machine and the like. J. Moss. 1,444,516; Feb. 6.
Cotton press, Hydraulic. F. P. Heubner. 1,469,511; Oct. 2.
Cottonseed in handling, cleaning, and delinting, Treating. T. P. Wallace. 1,470,339; Oct. 9.
Cottonseed-linting machine. F. E. Voorhies. 1,449,847; Mar. 27.
Cottonseed linting machine. F. E. Voorhies. 1,457,329; June 5.
Cottonseed, Method of and apparatus for treating. D. Maloney. 1,474,374; Nov. 20.
Cottonseed, Preservation and preparation for transportation of. A. W. MacIlwaine. 1,476,532; Dec. 4.
Cotton squares, Machine for gathering. W. L. Garrett. 1,474,627; Nov. 20.
Cotton-thinning machine. R. S. Bonner. 1,472,288; Oct. 30.
Cotton tramper. W. D. Wilson and A. Cullander. 1,461,639; July 10.
Cotton tramper or packer. J. F. Bailey. 1,473,455; Nov. 6.
Cotton trampers, Gear lock for. T. S. Grimes. 1,461,579; July 10.
Cotton-treating machine. J. L. Cassel. 1,445,755; Feb. 20.
Cotton, Vertical opener for cleaning. J. K. Whittier and R. S. Curley. 1,471,435; Oct. 23.
Cotton unloader and cleaner. J. L. Hart. 1,441,577; Jan. 9.
Cotton, wool, and other fibers, Machine for opening and cleaning. W. Youlton. 1,462,458; July 17.
Couch rolls, Apparatus for conditioning. H. Boyle. 1,460,365; July 3.
Cough tablet. M. R. Durante. Des. 62,712; July 24.
Counter. A. A. Adams and F. A. Emery. 1,469,932; Oct. 9.
Counter. T. P. Jensen. 1,452,242; Apr. 17.
Counter and register. H. Althaus and J. Fangmann. 1,454,614; May 8.
Counterbore. W. S. Morse. 1,465,612; Aug. 21.

Counterbore, Adjustable. B. Hall and A. C. Deering. 1,444,875; Feb. 13.
Counter-current apparatus. H. Bollmann. 1,474,062; Nov. 13.
Counterdrop press, Splash. H. Hellberg. 1,453,390; May 1.
Counter, Electromagnetically-operated. H. L. Merrick. 1,468,490; Sept. 18.
Counter, Fractional. L. Babos. 1,453,538; May 1.
Counter-molding machine. S. J. Heath. 1,471,261; Oct. 16.
Counterpoise. B. P. Joyce. 1,460,419–20; July 3.
Counterpoising mechanism. C. A. Henry. 1,446,254; Feb. 20.
Counter, Resetting. H. A. Chase. 1,471,306; Oct. 16.
Countersink gauge. W. N. John. 1,459,896; June 26.
Counterturning machine. F. A. Reardon. 1,455,548; May 15.
Counterturning machine. F. A. Reardon. 1,477,769; Dec. 18.
Counters, Corner unit for. J. R. Clark. 1,441,331; Jan. 9.
Counters, Resetting means for. G. W. Toney. 1,460,119–20; June 26.
Counting and packaging machine. W. S. Weber and M. L. Yergey. 1,476,274; Dec. 4.
Counting apparatus. L. La Veck. 1,460,101; June 26.
Counting board. S. Gunnlaugsson. 1,445,586; Feb. 13.
Counting device. J. Rousso. 1,463,910; Aug. 7.
Counting disks, Casing for holding. F. A. Helfrecht. Des. 62,192; Apr. 10.
Counting machine. C. H. Veeder. 1,477,090; Dec. 11.
Counting mechanism. E. F. Hathaway. 1,444,505; Feb. 6.
Counting mechanism. E. P. Donnellan. 1,468,733; Sept. 25.
Counting mechanism and weft-controlling mechanism governed thereby, Combined. 1,474,416; Nov. 20.
Coupler. N. W. Storer. 1,456,945; May 29.
Coupler device. F. J. Reichmann. 1,462,921; July 24.
Coupler or receiving coil, Loose. L. W. Hatch. 1,473,407; Nov. 6.
Coupler release rigging. C. W. Nicholas. 1,469,430; Oct. 2.
Coupling: *See*—

Adjustable coupling.	Loop coupling.
Air coupling.	Lubrication coupling.
Belt coupling.	Magnetic coupling.
Cable coupling.	Pipe coupling.
Car coupling.	Pump coupling.
Compression coupling.	Rail coupling.
Conduit coupling.	Resilient coupling.
Cultivator-beam coupling.	Rod coupling.
Draft coupling.	Rope coupling.
Drive coupling.	Shaft coupling.
Elastic Oldham coupling.	Shock-absorbing coupling.
Electrical coupling.	Stovepipe coupling.
Electric conductor coupling.	
Flexible coupling.	Sucker-rod coupling.
Fluid coupling.	Swiveled coupling.
Hook coupling.	Tire-chain coupling.
Hose coupling.	Trailer coupling.
Hydraulic coupling.	Truck coupling.
Impulse coupling.	Windmill coupling.

Coupling. W. G. Allan. 1,441,200; Jan. 9.
Coupling. F. O. Arnold. 1,461,958; July 17.
Coupling. H. Bailey. 1,473,537; Nov. 6.
Coupling. C. J. Blass. 1,453,059; Apr. 24.
Coupling. C. C. Bradbury. 1,468,732; Sept. 25.
Coupling. J. Corgiat, jr., and J. J. Dusevoir. 1,455,242; May 15.
Coupling. A. R. Crozier. 1,450,665; Apr. 3.
Coupling. N. W. Cummins. 1,456,179; May 22.
Coupling. C. S. Cunningham and H. A. Burdwood. 1,458,395; June 12.
Coupling. T. J. Grier. 1,458,337; June 12.
Coupling. W. A. Gunn. 1,454,587; May 8.
Coupling. E. E. Johnson. 1,478,124; Dec. 18.
Coupling. E. G. Johnson. 1,467,730; Sept. 11.
Coupling. E. W. Johnston. 1,468,707; Sept. 25.
Coupling. B. P. Joyce. 1,447,087; Feb. 27.
Coupling. A. O. Lile. 1,469,671; Oct. 2.
Coupling. J. H. McCloy. 1,471,520; Oct. 23.
Coupling. A. J. Nelson. 1,471,055; Oct. 16.
Coupling. W. Novak. 1,447,146; Feb. 27.
Coupling. C. Overstreet. 1,469,009; Sept. 25.
Coupling. A. Rickenbacker and W. Kammerer. 1,455,971; May 22.
Coupling. J. Zajic. 1,462,406; July 17.
Coupling and governing mechanism, Combined impulse. E. Moore. 1,442,354; Jan. 16.
Coupling and making the same. W. P. Crockett. 1,456,178; May 22.
Coupling and spindle, Rolling-mill. H. W. Wilson. 1,451,519; Apr. 10.
Coupling-centering device. E. George, jr. 1,448,269; Mar. 13.
Coupling clamp. G. De Rouen. 1,470,485; Oct. 9.
Coupling connection and noncorrosive coating therefor. B. E. Taylor. 1,457,561; June 5.
Coupling device. F. A. Adams. 1,446,143; Feb. 20.
Coupling device. A. C. Bubb. 1,465,804; Aug. 21.
Coupling device. L. P. Clutter. 1,453,922; May 1.
Coupling device. F. A. Grier, jr. 1,477,440; Dec. 11.
Coupling device. E. O. Hamren. 1,473,625; Nov. 13.
Coupling device. M. Walten. 1,450,826; Apr. 3.
Coupling enabling heavy loads to be towed, System of. A. Lagache. 1,442,077; Jan. 16.
Coupling for electric machines, Resilient and electrically insulating. C. J. Belli. 1,446,287; Feb. 20.
Coupling guard. H. C. Sweeney. 1,477,607; Dec. 18.
Coupling head. W. L. Read. 1,461,225; July 10.
Coupling head and making same. V. T. Tobolla. 1,460,623; July 3.
Coupling mechanism. C. H. Tomlinson. 1,476,429; Dec. 4.
Coupling or tool joint. C. E. Reed and M. Czeftczick. 1,462,824; July 24.
Coupling pins, Operating device for. J. J. Acker. 1,467,295; Sept. 11.
Coupling pocket. E. M. Jenkins and R. E. Jackson. 1,446,255; Feb. 20.
Coupling-release rigging. S. H. Campbell. 1,452,358; Apr. 17.
Coupling-release rigging. S. H. Campbell. 1,453,002; Apr. 24.
Coupling yoke. W. F. Green. 1,450,591; Apr. 3.
Couplings, Making pipe. G. E. Mirfield. 1,444,630; Feb. 6.
Coupon book. A. MacKenzie. 1,454,447; May 8.
Coupon clipper. L. Faust. 1,473,089; Nov. 6.
Coupon cutter. W. G. Hilsdorf. 1,447,247; Mar. 6.
Coupon-cutting machine. H. N. Hellman. 1,463,393; July 31.
Coupon system for commodities. A. G. Uptegraff. 1,459,423; June 19.
Coupon ticket. R. M. Comfort. 1,468,592; Sept. 18.
Coupon transfer. R. R. Smith. 1,473,940; Nov. 13.
Cover. A. H. Clark. 1,467,529; Sept. 11.
Cover and box construction, Iron-bound. S. J. Gunn. 1,443,260; Jan. 23.
Cover and cover-securing means. M. L. Hillmer. 1,463,147; July 24.
Cover attachment. N. H. White. 1,470,210; Oct. 9.
Cover fastener. T. C. Wentworth. 1,455,316; May 15.
Cover-releasing device. J. C. Hall. 1,454,220; May 8.
Cover remover. F. J. Parker. 1,461,983; July 17.
Cover, Roll. C. Nordell. 1,456,458; May 22.
Cover, Sanitary display. H. J. Myers. 1,445,346; Feb. 13.
Cover, Self-tilting. C. C. Bowen. 1,443,615; Jan. 30.
Covered box. H. B. Smith. 1,476,549; Dec. 4.
Covering machine, Berry-bush-. E. W. Kummer. 1,444,971; Feb. 13.
Covering machine, Box-. C. W. Surplus. 1,442,835; Jan 23.
Covers, Hinge for vessel. C. Scudder. 1,459,862; June 26;
Covers on cores, Machine for stitching. P. Rissmann. 1,451,962; Apr. 17.
Covers to seat frames and the like, Clip for fastening. C. P. Trimble. 1,455,754; May 15.
Cow-holding stanchion, Automatic. J. F. Troth. 1,464,159; Aug. 7.
Cow hopple. H. H. Colson. 1,473,176; Nov. 6.
Cow hopple. C. L. Eades. 1,447,840; Mar. 6.
Cow-tail holder. H. E. G. Anderson. 1,467,221; Sept. 4.
Cow-tail holder. W. M. Anderson. 1,470,046; Oct. 9.
Cow-tail holder. J. Haering. 1,450,774; Apr. 3.
Cow-tail holder. J. Haering. 1,458,821; June 12.
Cow-tail holder. A. Johnson. 1,466,229; Aug. 28.
Cow-tail holder. C. E. Stockham. 1,457,631; June 5.
Cows from lying down, Device for preventing. H. W. Bagg. 1,447,505; Mar. 6.
Cowl ventilator. H. H. Lampert. 1,441,358; Jan. 9.
Crab-net frame. I. Franklin. 1,464,092; Aug. 7.
Cracking furnace. F. Pfeifer. 1,466,511; Aug. 28.
Cradle. W. Lacki. 1,450,635; Apr. 3.
Cradle, Boiler-turning. J. Crombie. 1,453,705; May 1.
Cradle, Multitank. M. Mauran. 1,453,474; May. 1.
Cradle rocker. R. Shea. 1,449,301; Mar. 20.
Cradles, Fastening device for gun. B. P. Joyce. 1,476,079; Dec. 4.
Craft, Aerial. E. R. Calthrop. 1,445,293; Feb. 13.
Cranberry separator. H. R. Bailey. 1,448,479; Mar. 13.
Crane. W. E. Bee and W. E. Simpson. 1,447,168; Mar. 6.
Crane. A. Clayden. 1,478,636; Dec. 25.
Crane. H. F. Gorsuch. 1,444,968; Feb. 13.
Crane. J. C. Morgan and C. S. Schroeder. 1,443,376; Jan. 30.
Crane, Floating. R. W. Kaltenbach. 1,443,078; Jan. 23.
Crane hook. W. R. Bloss. 1,471,094; Oct. 16.
Crane, Ladle. H. R. Slivinski. 1,443,152; Jan. 23.
Crane, Overhead. C. L. Taylor. 1,469,123; Sept. 25.
Crane, Paver-mixer. F. H. Heine. 1,468,472; Sept. 18.
Crane, Power-operated. E. J. Kane. 1,452,690; Apr. 24.
Crane sling chains, Hook for. W. J. Bemis. 1,459,816; June 26.
Crane, Transformer. H. L. McDonald. 1,444,746; Feb. 6.
Crane, Truck. A. E. Norris. 1,448,814; Mar. 20.
Cranes and the like, Safety catch for. I. D. Thomas. 1,442,194; Jan. 16.
Cranes, Device for switching universal. C. V. Rapier. 1,443,382; Jan. 30.

Cranes, Hoisting and luffing mechanism for. R. S. Lewis. 1,461,800; July 17.
Cranes, Rail clamp for overhead. B. C. Jacob. 1,466,657; Sept. 4.
Crank. J. L. Sands. 1,466,148; Aug. 28.
Crank-case support. E. D. Wolbert. 1,453,964; May 1.
Crank, Detachable engine. F. G. Withrow and A. M. Walker. 1,464,794; Aug. 14.
Crank-hanger assembly. G. S. Lewis. 1,449,235; Mar. 20.
Crank holder. F. W. Roskopf. 1,444,007; Feb. 6.
Crank pin, Adjustable. R. E. Winters. 1,460,692; July 3.
Crank pin and shaft truing tool. C. N. Atherton and A. L. Salter. 1,473,804; Nov. 13.
Crank-pin-turning tool. A. Weber. 1,448,321; Mar. 13.
Crank pins, and effecting like operations, Implement for truing. F. Badcock. 1,468,952; Sept. 25.
Crank pins, Machine for grinding. P. Stoner. 1,453,572; May 1.
Crank pins, Retainer for starting-. E. H. Snoke. 1,476,378; Dec. 4.
Crank, Safety. I. C. Bice. 1,462,002; July 17.
Crank, Safety. L. Rudolph. 1,455,226–9; May 15.
Crank shaft and balancing the same. A. P. Brush. 1,466,446; Aug. 28.
Crank-shaft-turning device. A. E. Johnson. 1,466,881; Sept. 4.
Crank-shaft-turning tool and automatically-reciprocating mechanism for supporting and operating the same, Combined. F. H. Petersen and A. S. Weston. 1,462,979; July 24.
Crank shafts, Adjustable holder for turning. W. L. Mantha. 1,451,078; Apr. 10.
Crank shafts and forming crank shafts, Means and dies for drop-forging. H. H. Keeports. 1,460,720; July 3.
Crank shafts, Machine for turning crank pins of. K. F. Marx. 1,456,028; May 22.
Crank shafts, Making counterbalanced. L. W. Greve. 1,476,811–12; Dec. 11.
Crank shafts, Mechanism for grinding. A. Thomas. 1,467,402; Sept. 11.
Cranking device. A. Kuzmann. 1,459,222; June 19.
Cranking device, Safety. O. Crockett. 1,456,481; May 22.
Cranking mechanism. T. Rasmussen. 1,475,876; Nov. 27.
Crape-strip decoration. J. J. Macdaid, jr. 1,458,624; June 12.
Crate. F. C. Bartlett. 1,471,232; Oct. 16.
Crate. E. Benson. 1,474,508; Nov. 20.
Crate. D. T. Considine. 1,453,005; Apr. 24.
Crate. W. W. Leach. 1,463,512; July 31.
Crate. J. A. Lennartson. 1,471,040; Oct. 16.
Crate. A. Moore. 1,449,531; Mar. 27.
Crate. W. J. Morris, 1,446,100; Feb. 20.
Crate. S. H. Sherwood and A. G. Barth. 1,444,711; Feb. 6.
Crate, Automatic hog. R. E. Abernathy. 1,444,769; Feb. 13.
Crate, Banana. P. G. Hatcher. 1,441,579; Jan. 9.
Crate, Bottle. T. V. Thomall. 1,446,673; Feb. 27.
Crate case, Storage. A. B. Tucker. 1,475,093; Nov. 20.
Crate, Collapsible. H. J. Lee. 1,453,148; Apr. 24.
Crate, Collapsible. C. L. Peterman. 1,451,449; Apr. 10.
Crate, Collapsible. B. C. Rockwell. 1,443,147; Jan. 23.
Crate, Collapsible. E. E. Sutherland. 1,451,598; Apr. 10.
Crate, Collapsible. C. E. Tuell. 1,447,698; Mar. 6.
Crate, Collapsible shipping. S. R. M. Malloch. 1,442,627; Jan. 16.
Crate, Combination animal. A. L. Allred. 1,462,755; July 24.
Crate, Egg. E. B. Digby. 1,443,836; Jan. 30.
Crate, Egg. P. Flansburg. 1,447,716; Mar. 6.
Crate, Folding. B. S. Allen. 1,452,404; Apr. 17.
Crate, Folding. E. M. Averill. 1,447,055; Feb. 27.
Crate, Folding. B. C. Rockwell. 1,451,373; Apr. 10.
Crate, Hog. F. W. Coats. 1,447,835; Mar. 6.
Crate or box. G. A. McLean. 1,441,937; Jan. 9.
Crate or case, Collapsible. A. Moulton. 1,471,524; Oct. 23.
Crate or container, Folding wire. T. J. Murray. 1,443,901; Jan. 30.
Crate or coop, Foldable chicken. O. M. Bates. 1,477,624; Dec. 18.
Crate, Shipping. E. W. Bonfield. 1,449,374; Mar. 27.
Crate, Shipping. C. O. Ewell. 1,471,113; Oct. 16.
Crate, Shipping. H. Michelsen. 1,456,674; May 29.
Crate, Shipping. F. A. Schmitz. 1,456,042; May 22.
Crate, Trunk. I. J. Sawyer. 1,477,008; Dec. 11.
Crating articles for shipment, Means for. A. D. Lightner and E. Holmes. 1,446,052; Feb. 20.
Crates, Attachment for fruit. R. W. Hicks. 1,460,797; July 3.
Crawfish destroyer. B. H. Strong. 1,457,321; June 5.
Crayon and lead holder, Magazine. W. F. Bull. 1,468,001; Sept. 18.
Crayons or the like, Holder for. E. Kroutl. 1,456,241; May 22.
Cream and butter fat, Deodorizing and improving the quality of. E. M. Davis. 1,463,309; July 31.
Cream, Cosmetic. K. S. Bort. 1,476,483; Dec. 4.
Cream, etc., Apparatus for treating. J. T. Hanna and L. E. Coon. 1,442,336; Jan. 16.
Cream extractor. L. C. Rawcliffe. 1,471,528; Oct. 23.
Cream lifter. L. S. Bender. 1,450,789; Apr. 3.
Cream ripener and pasteurizer. C. J. Westergaard. 1,455,012; May 15.
Cream separator. F. J. Kristofek. 1,469,221; Oct. 2.
Cream separator. P. C. Philip. 1,472,085; Oct. 30.
Cream separator for milk containers. J. E. Maier, N. Lenz, and C. E. Radmer. 1,445,527; Feb. 13.
Cream separators, Combined milk reservoir and bowl-clamp support for. T. H. Miller. 1,453,802; May 1.
Cream testers, Timing device for. S. Z. Bland. 1,461,964; July 17.
Cream whipper. C. Eliopulos. 1,457,622; June 5.
Creams and the like, Container for toilet. W. B. James. Des. 62,362; May 15.
Creams and the like, Container for toilet. W. B. James. 1,471,735; Oct. 23.
Creasing and like machines, Arm for. F. Thomas. 1,466,860; Sept. 4.
Creasing machine. F. Thomas. 1,452,536; Apr. 24.
Credit, Means for promoting retail. C. L. Steinert. 1,475,896; Nov. 27.
Creep jack. C. W. Robertson. 1,441,753; Jan. 9.
Crematory. A. C. Felton, jr. 1,462,230; July 17.
Cresol. Producing. I. H. Derby and W. Higburg. 1,445,668; Feb. 20.
Creosote mixture for impregnating wood, Production of. I. F. Vermeire. 1,469,466; Oct. 2.
Crib. C. H. Boardman. 1,465,413–14; Aug. 21.
Crib. J. H. Bradley. 1,475,537; Nov. 27.
Crib. C. W. Walstrom. 1,478,411; Dec. 25.
Crib and gocart, Combined infant. J. A. Vierling. 1,460,929; July 3.
Crib corner lock. S. Weisglass. 1,469,745; Oct. 2.
Crib cover. E. M. Drew. 1,460,233; June 26.
Crib, Infant's. G. L. Hempy. 1,463,953; Aug. 7.
Crib, Mechanically-operated. A. Cappabianca. 1,476,146; Dec. 4.
Crib, Portable. D. D. Comstock. 1,463,459; July 31.
Crimper. Alice, Princess Andrew, of Greece. 1,459,132; June 19.
Crimping machine. J. W. Hoodwin. 1,441,227; Jan. 9.
Crimping machine. J. Maier. 1,442,693; Jan. 16.
Crimping tool. F. B. King. 1,464,942; Aug. 14.
Crockery and other domestic utensils, Apparatus for washing. W. J. N. Mann. 1,464,436; Aug. 7.
Crockery, Tool for decorating. H. Kissner and D. Blum. 1,445,627; Feb. 20.
Crocks, Hoop for lifting. F. Ottman. 1,460,268; June 26.
Cross, Folding. H. T. Walrow. 1,473,530; Nov. 6.
Crosshead. G. E. Linton. 1,446,192; Feb. 20.
Crosshead shoe, Expanding. V. Andrioli. 1,475,337; Nov. 27.
Crosshead guides, Oil cup for. H. C. Manchester. 1,470,176; Oct. 9.
Crossheads, Lubricating system for. T. Rogatchoff. 1,440,747; Jan. 2.
Crosstie. J. W. Board. 1,442,598; Jan. 16.
Crosstie. H. C. Tully. 1,459,168; June 19.
Crosstie, Combination wood and steel. G. E. Kyser and C. E. Thomas. 1,448,805; Mar. 20.
Crosstie, Metal. C. L. Kenney and S. M. Casterline. 1,457,704; June 5.
Crossing signal. J. A. Manta. 1,463,127; July 24.
Crossing signal. E. A. Pennington. 1,443,905; Jan. 30.
Crown adapter. R. H. Taylor. 1,443,394; Jan. 30.
Crown feeding and assembling apparatus. G. Goebel. 1,469,557; Oct. 2.
Crowning machine. F. J. Fallada. 1,460,577; July 3.
Crowns and forms therefor, Making. T. C. Hansen. 1,465,472; Aug. 21.
Crowns and the like, Machine for feeding. G. Goebel. 1,469,556; Oct. 2.
Crucible. H. D. Lillibridge. 1,441,690; Jan. 9.
Crucible, Graphite. K. Nakamura. 1,466,739; Sept. 4.
Crucible holder. M. W. Goldberg. 1,441,340; Jan. 9.
Crumb gatherer. A. A. Share. 1,467,252; Sept. 4.
Crumb sweeper. W. Aisenstein. 1,461,814; July 17.
Crusher: *See*—
Clod crusher.
Corn crusher.
Fruit crusher.
Grape crusher.
Ice crusher.
Crusher. E. H. Frickey. 1,458,914; June 12.
Crusher. J. E. Kennedy and C. L. Carman. 1,446,753; Feb. 27.
Crusher. O. J. Moussette. 1,467,189; Sept. 4.
Crusher. O. J. Moussette. 1,463,921; Aug. 7.
Crusher. D. J. Nevill. 1,459,340; June 19.
Crusher. H. M. Plaisted. 1,443,757; Jan. 30.
Crusher. C. E. Street. 1,474,801; Nov. 20.
Crusher, Fruit. R. Baccellieri. 1,463,238; July 31.
Crusher roll. T. A. Hibbins. 1,461,036; July 10.
Crusher rolls. Machine for truing. J. Richardson. 1,464,046; Aug. 7.
Crushers, Breaker plate for. A. F. Williams. 1,440,429; Jan. 2.
Crushing and grinding machine. G. H. Fraser. 1,451,156; Apr. 10.
Crushing and grinding machine. J. A. Warren. 1,448,013; Mar. 13.
Crushing and grinding, Machine for. G. H. Fraser. 1,451,154; Apr. 10.
Crushing and grinding mill. O. Wauthier. 1,444,991; Feb. 13.

Crushing and screening device, Gravel. H. S. Earle. 1,476,880; Dec. 11.
Crushing and separating machine. G. Strizzi. 1,469,460; Oct. 2.
Crushing apparatus. J. E. Kennedy. 1,459,305; June 19.
Crushing apparatus, Cane-. H. Hurter. 1,451,164; Apr. 10.
Crushing, breaking, or grinding machine for the pulverization of minerals. O. Wauthier. 1,449,567; Mar. 27.
Crushing machine. G. H. Fraser. 1,451,149; Apr. 10.
Crushing machine. D. J. Nevill. 1,464,536; Aug. 14.
Crushing machine. A. T. Perkins. 1,477,587; Dec. 18.
Crushing machines. Adjustable head for disk. E. B. Symons. 1,444,221; Feb. 6.
Crushing mill. A. Fischer. 1,443,874; Jan. 30.
Crushing or grinding machine. G. H. Fraser. 1,451,150–1; Apr. 10.
Crushing or grinding machine, Centrifugal. O. Wauthier. 1,444,990; Feb. 13.
Crutch. G. Hipwood. 1,459,333; June 19.
Crutch armrest. J. B. Glowacki. 1,453,790; May 1.
Crutch pads, Making pneumatic. J. J. Bowers. 1,442,518; Jan. 16.
Crutch seat. H. D. Coleman. 1,463,675; July 31.
Crutches, Adjustable hand grip for. J. B. Glowacki. 1,446,009; Feb. 20.
Crutches, Tip for. W. G. Bell. 1,464,057; Aug. 7.
Cryolite, Making artificial. H. Howard. 1,475,155–8; Nov 20.
Cryptograph. H. A. T. Wahnöe. 1,472,775; Oct. 30.
Cryptographic marking means. C. C. Murray. 1,441,239; Jan. 9.
Crystal and glass ware, Composition of matter for cleaning. J. E. Grover. 1,449,281; Mar. 20.
Crystal detectors, Mounting for stems of. A. N. Pierman. 1,463,554; July 31.
Crystal formation. E. Thomson. 1,450,464; Apr. 3.
Crystal mounting. W. M. Scott. 1,474,173; Nov. 13.
Crystalline product and making the same, Homogeneous. H. A. Richmond and R. Macdonald, jr. 1,442,773; Jan. 16.
Crystallizer. T. E. Stevens. 1,450,992; Apr. 10.
Crystallizing apparatus. A. S. Cairncross. 1,449,651; Mar. 27.
Cuboid-muscle developer. W. C. Burns. 1,476,590; Dec. 4.
Cue. H. F. Davenport and M. J. Whelan. 1,459,144; June 19.
Cue-chalk holder. R. S. Johnson. 1,453,877; May 1.
Cue rack. C. Hine. 1,478,032; Dec. 18.
Cue rack, Rotary. J. O. Matteson. 1,478,043; Dec. 18.
Cue tip. H. C. Atkins. 1,444,093; Feb. 6.
Cue tip. J. L. Dorschel. 1,457,729; June 5.
Cue-tip fastener. H. J. Grenier. 1,452,420; Apr. 17.
Cue tip. A. R. Kirk. 1,476,622; Dec. 4.
Cue tip. S. Nemecek. 1,450,605; Apr. 3.
Cue-trimming machine. W. J. F. Boettcher. 1,441,395; Jan. 9.
Cuff. S. H. Ogden. 1,466,745; Sept. 4.
Cuff link. G. Schmid. 1,471,809; Oct. 23.
Cuff protector. J. Schlesinger. 1,478,583; Dec. 25.
Cuff, Reversible. S. A. Bohrer. 1,444,901; Feb. 13.
Cuff, Reversible. G. A. Ripley. 1,454,654; May 8.
Cuff, Reversible. S. H. Wingo. 1,454,365; May 8.
Cuff, Soft. A. A. Fournier. 1,471,596; Oct. 23.
Cuff-button fastener. M. Folkman. 1,474,352; Nov. 20.
Cuffs, Fastening device for. A. L. Thornton. 1,464,891; Aug. 14.
Cuffs, Form for soft turnover. A. A. Dayton. 1,446,001; Feb. 20.
Culinary article. I. Greene. 1,468,564; Sept. 18.
Culinary device. M. J. Bell. 1,440,437; Jan. 2.
Culinary device. S. Earll. 1,441,974; Jan. 9.
Culinary device. J. Gomez. 1,471,727; Oct. 23.
Culinary implement. W. B. Wills. 1,447,499; Mar. 6.
Culinary press. C. Eckert. 1,474,625; Nov. 20.
Culinary stirring device. C. de La Barre. 1,477,653; Dec. 18.
Culinary utensil. I. M. Heath. 1,448,296; Mar. 13.
Culinary utensil. V. E. Randall. 1,475,316; Nov. 27.
Culinary utensils, Lifter for. H. C. Sample. 1,471,005; Oct. 16.
Cultivating and trench-forming apparatus, Interchangeable. J. R. Gardiner. 1,459,393; June 19.
Cultivating machine, Power-driven. R. D. and F. A. Valentine. 1,477,398; Dec. 11.
Cultivating tool, Hand. H. H. Ruediger. 1,478,298; Dec. 18.
Cultivator. L. Doré. 1,465,811; Aug. 21.
Cultivator. E. C. Harvey. 1,457,165; May 29.
Cultivator. R. Kiesswetter. 1,448,449; Mar. 13.
Cultivator. R. E. L. May. 1,458,837; June 12.
Cultivator. G. W. Mixter and J. V. Holstein. 1,440,405; Jan. 2.
Cultivator. T. Okamoto. 1,477,846; Dec. 18.
Cultivator. W. A. Paul. 1,456,566; May 29.
Cultivator. D. C. Pedersen. 1,472,813; Nov. 6.
Cultivator. A. W. Reynolds. 1,463,138; July 24.
Cultivator. J. Rolli. 1,473,519; Nov. 6.
Cultivator. E. S. Roush. 1,452,442; Apr. 17.
Cultivator. P. N. Schrum. 1,444,530; Feb. 6.
Cultivator. W. A. Stockton. 1,452,398; Apr. 17.
Cultivator. F. Whitcomb, W. Lavender, and R. A. Calvert. 1,444,292; Feb. 6.
Cultivator. G. G. Worstall. 1,461,508; July 10.
Cultivator, Adjustable. J. B. Swan. 1,454,225; May 8.
Cultivator and harrow. U. Pedroarena. 1,453,944; May 1.
Cultivator arch and coupling. O. T. Hobson. 1,447,471; Mar. 6.
Cultivator attachment. R. R. Dupler. 1,443,171; Jan. 23.
Cultivator attachment. L. Jeffres. 1,451,697; Apr. 17.
Cultivator attachment, Tractor. A. S. Krotz. 1,469,262; Oct. 2.
Cultivator-beam coupling. S. K. Dennis. 1,477,324; Dec. 11.
Cultivator, Combination cotton. A. Ramirez. 1,459,256; June 19.
Cultivator, Disk. C. E. White. 1,456,581; May 29.
Cultivator, Double-row. A. S. Krotz. 1,454,120; May 8.
Cultivator fender. J. W. Sivley. 1,453,891; May 1.
Cultivator, Flexible hand. H. Doubleday. 1,441,789; Jan. 9.
Cultivator-gang equalizer. O. T. Hobson. 1,446,503; Feb. 27.
Cultivator, Hand. J. B. Swan. 1,465,656; Aug. 21.
Cultivator, Motor. J. B. Bartholomew. 1,449,138; Mar. 20.
Cultivator, Motor. T. Brown. 1,451,672; Apr. 10.
Cultivator, Motor. T. Brown. 1,471,138; Oct. 16.
Cultivator, Motor. T. Brown. 1,476,687; Dec. 11.
Cultivator, Motor-propelled lister. J. B. Bartholomew. 1,448,991; Mar. 20.
Cultivator point, Detachable. J. H. Smith and W. J. Waddell. 1,403,050; Jan. 23.
Cultivator, Surface plow. A. Erven. 1,477,333; Dec. 11.
Cultivator, Three-row ridge. J. Schermuly. 1,458,246; June 12.
Cultivator tools, Clamp for. W. L. Beall. 1,461,302; July 10.
Cultivator, Tractor. J. T. Barkelew. 1,455,984; May 22.
Cultivator, Tractor. H. S. Dickinson. 1,475,226; Nov. 27.
Cultivator, Tractor. C. E. Downie and G. D. Gravely. 1,455,046; May 15.
Cultivator, Wheeled. A. L. Pollard and E. Baseman. 1,466,340; Aug. 28.
Cultivators, Attachment for beet. N. Ciari. 1,442,251; Jan. 16.
Cultivators, Cotton-chopper attachment for. S. O. Brown. 1,456,359; May 22.
Cultivators, Crust-breaking attachment for beet. G. W. Carey. 1,454,724; May 8.
Cultivators, Driving and steering mechanism for. S. T. Hoener. 1,471,397; Oct. 23.
Cultivators, Insect-catching attachment for. J. B. Vaughan and J. Terrell. 1,468,585; Sept. 18.
Cultivators, Replanter attachment for. E. Huffine. 1,444,544; Feb. 6.
Cultivators, Tool holder for. C. H. White. 1,441,717; Jan. 9.
Cultivator-tool shanks, Clamp for. C. G. Strandlund. 1,476,551; Dec. 4.
Culvert. W. E. Hitchcock. 1,453,136; Apr. 24.
Culvert. T. De La Mare. 1,452,796; Apr. 24.
Culvert. R. W. McQueary. 1,444,198; Feb. 6.
Culvert. H. K. Sweney. 1,443,292; Jan. 23.
Culvert. O. H. L. Wernicke. 1,441,466; Jan. 9.
Culvert mold. T. De La Mare. 1,461,973; July 17.
Cup. C. L. Sebring. Des. 63,333; Nov. 20.
Cup. J. H. Venon. Des. 62,627; July 3.
Cup: *See*—

Collapsible cup.	Oil cup.
Drinking cup.	Paper cup.
Drip cup.	Priming cup.
Electrically-operated oil cup.	Salt-cake cup.
	Sediment cup.
Grease cup.	Shampoo cup.
Ice-cream test cup.	Teat cup.
Lubricating cup.	Vacuum cup.
Lubricator cup.	

Cup and saucer. S. D. Nichols. Des. 62,407; May 22.
Cup or similar article. E. W. Newton. Des. 63,265; Nov 13.
Cup machines, Feeding mechanism for bonbon-. G. De Vries. 1,442,214; Jan. 16.
Cups and cones, Apparatus for sizing and quenching. M. T. Lothrop. 1,444,258; Feb. 6.
Cups, Carton support for drinking. W. E. Swift. 1,459,002; June 19.
Cups, Coin-controlled apparatus for dispensing. D. J. Butterfield. 1,457,616; June 5.
Cups, Machine for casting thin metal. D. Pepper. 1,474,489; Nov. 20.
Curler. O. E. Vandamark. 1,473,749; Nov. 13.
Curing rack. P. H. J. Coverdale. 1,458,643; June 12.
Curling iron. F. M. Killen. 1,449,288; Mar. 20.
Curling iron. O. A. Langos. 1,448,754; Mar. 20.
Curling iron. N. E. Mann. 1,469,047; Sept. 25.
Curling iron. C. Passard. 1,473,312; Nov. 6.
Curling iron, Electric. M. Murphy. 1,446,653; Feb. 27.
Curling-iron heater. H. G. Levy. 1,452,163; Apr. 17.
Curling machine. J. O. Richard. 1,457,549; June 5.
Current-collecting device. C. Bethel and T. S. Scott. 1,448,377–8; Mar. 13.
Current-collecting head. E. S. Lincoln. 1,441,289; Jan. 9.

Current collector and sleet remover. S. S. Matthes. 1,461,781; July 17.
Current commutator generator, Alternating-. R. E. Hellmund. 1,453,391; May 1.
Current conductors, Supporting base for. A. Pritzker. 1,476,105; Dec. 4.
Current-controlling and static-reducing system. C. A. Sprague. 1,477,017; Dec. 11.
Current-controlling device. V. G. Apple. 1,449,370; Mar. 27.
Current-controlling device. E. O. Schweitzer. 1,463,974; Aug. 7.
Current cut-out. C. F. Gilchrist. 1,460,961; July 3.
Current from an alternating circuit and means therefor, Producing direct. G. B. Coleman. 1,462,633; July 24.
Current generator, Variable-. C. A. Hoxie. 1,475,583; Nov. 27.
Current generators, Converter for direct-. M. J. Hockley. 1,478,518; Dec. 25.
Current induction motor, Alternating-. J. F. Kelly. 1,441,429; Jan. 9.
Current line, Alternating-. R. Rüdenberg. 1,475,968; Dec. 4.
Current machines, Multiple winding for alternating-. F. T. Hague. 1,447,164; Feb. 27.
Current, Means for obtaining high momentary. C. F. Wagner. 1,456,955; May 29.
Current, Method and apparatus for rectifying high-tension alternating. G. A. Witte. 1,445,988; Feb. 20.
Current, Method of and means for indicating the frequency alternations of an alternating. A. Meissner. 1,445,636; Feb. 20.
Current motor. S. S. Graves. 1,442,938; Jan. 23.
Current motor. C. B. Jordin. 1,443,845; Jan. 30.
Current motor. S. W. Lindsey. 1,441,361; Jan. 9.
Current motor. F. J. Luick. 1,441,863; Jan. 9.
Current motor. H. P. Molander. 1,460,495; July 3.
Current motor. J. J. Query. 1,445,801; Feb. 20.
Current motor. H. R. Solinger and E. G. Messer. 1,461,502; July 10.
Current motor. A. Tarbet. 1,460,331; June 26.
Current motor, Alternating-. H. W. Jeannin. 1,474,037; Nov. 13.
Current rectifier. C. J. Gardeen. 1,457,902; June 5.
Current rectifier, Alternating-. V. F. King. 1,463,779; July 31.
Current regulators and the like, Casing for. C. F. Smith. 1,443,098; Jan. 23.
Current relay, Alternating-. W. D. Hailes. 1,470,566; Oct. 9.
Current relay compensating, Direct-. A. R. Whiteborn. 1,469,400; Oct. 2.
Current relaying and production. D. G. McCaa. 1,466,912; Sept. 4.
Current responsive device, Reverse. G. A. Burnham. 1,444,366; Feb. 6.
Current strength, Apparatus for the finely-graduated regulation of a. R. Förster. 1,465,214; Aug. 14.
Current tap, Pull-socket. J. W. Lavine. 1,465,735; Aug. 21.
Current transformed, Constant-. W. E. Douglass. 1,469,213; Oct. 2.
Current transformer, Alternating-. J. R. Brueckner. 1,470,214; Oct. 9
Current transformer, Direct-. H. J. van der Bijl. 1,448,583; Mar. 13.
Current-wave transmission, System of. H. J. Vennes. 1,454,495; May 8.
Currents, Means and method of conversion between alternating and direct. G. B. Coleman. 1,462,634; July 24.
Currents, Means for detecting small electric. J. S. E. Townsend. 1,455,458; May 15.
Currents, Method and apparatus for rectifying polyphase. G. B. Coleman. 1,462,632; July 24.
Currents, Method of and means for producing alternating. R. V. L. Hartley. 1,472,470; Oct. 30.
Currents, Receiving circuits for weak signal. J. R. Carson. 1,450,969; Apr. 10.
Currycomb, Cob. W. Murphy. 1,456,331; May 22.
Currycomb, Self-cleaning. C. Sjoman. 1,447,692; Mar. 6.
Curtain. F. H. Zackow. 1,468,433; Sept. 18.
Curtain and drapery support. W. J. Donovan. 1,460,575; July 3.
Curtain and quilting frame. W. A. Wall and A. N. Mitchell. 1,455,944; May 22.
Curtain and shade holder, Combination. O. Nietzel. 1,454,557; May 8.
Curtain and shade pole fixture. C. Schmidt. 1,461,255; July 10.
Curtain carrier. E. E. Lamica. 1,468,479; Sept. 18.
Curtain carrier, Adjustable. H. N. May. 1,463,711; July 31.
Curtain clasp. J. C. Heerey. 1,476,887; Dec. 11.
Curtain construction. J. S. Burdick. 1,469,356; Oct. 2.
Curtain construction, Vehicle. H. Latiff. 1,454,681; May 8.
Curtain, drapery, and the like. E. H. Flagg. 1,463,013; July 24.
Curtain fastener. J. L. Peterson. 1,471,570; Oct. 23.
Curtain fastener. H. I. Phillips. 1,474,208; Nov. 13.
Curtain fixture. W. C. Barrett. 1,441,823; Jan. 9.
Curtain fixture. J. H. Boye. 1,456,214; May 22.
Curtain fixture. D. Hoyt. 1,444,419; Feb. 6.
Curtain fixture. D. Hoyt. 1,446,747; Feb. 27.
Curtain fixture. E. Little. 1,449,521; Mar. 27.
Curtain guide. F. McLesky and W. P. W. Johnson. 1,460,857; July 3.
Curtain guiding and locking device, Roller-. W. M. Richards. 1,473,517; Nov. 6.
Curtain hanger. B. L. Glavin. 1,460,335; June 26.
Curtain holdback. C. W. Kirsch. 1,472,599; Oct. 30.
Curtain holder. N. J. Bishop. 1,450,539; Apr. 3.
Curtain holder. S. Rosen. 1,411,173; Jan. 2.
Curtain holder. D. M. Sarkisian. 1,477,286; Dec. 11.
Curtain, Light-diffusing. A. Duboc and A. Carricaburu. 1,444,735; Feb. 6.
Curtain-light mounting. B. P. Donnelly. 1,456,724; May 29.
Curtain pole and shade holder, Combination. S. Good. 1,475,576; Nov. 27.
Curtain pole, Window-. O. B. Lanham. 1,444,972; Feb. 13.
Curtain poles, Bracket and attachment to raise and lower. E. Pfeiffer. 1,447,149; Feb. 27.
Curtain, Protective. I. Neft and H. P. Nass. 1,463,431; July 31.
Curtain ring. J. A. Cund. 1,451,326; Apr. 10.
Curtain ring. S. C. Hills. 1,476,513; Dec. 4.
Curtain ring and pin, Combination. T. B. Schreiter. 1,445,106; Feb. 13.
Curtain rod. G. A. Carlson. 1,453,748; May 1.
Curtain rod. O. Johnson. 1,470,844; Oct. 16.
Curtain rod. W. Schaefer. 1,448,770; Mar. 20.
Curtain rod and shade bracket, Combined. L. M. Moore. 1,470,578; Oct. 9.
Curtain rod and shade-roller bracket. J. and J. R. Pecora. 1,468,167; Sept. 18.
Curtain-rod bracket. L. G. Strnad. 1,454,605; May 8.
Curtain rod, Extension. W. J. Bergens. 1,455,102; May 15.
Curtain-rod support. L. J. Kroesser. 1,461,855; July 17.
Curtain roller. F. H. Hart. 1,452,874; Apr. 24.
Curtain roller. C. O. Mathews. 1,462,866; July 24.
Curtain-roller support. H. M. Marsh. 1,459,789; June 26.
Curtain stretcher. E. S. Anderson. 1,441,901; Jan. 9.
Curtain stretcher. F. A. Cmejla. 1,452,415; Apr. 17.
Curtain stretcher. J. J. Soldat. 1,443,391; Jan. 30.
Curtain-stretcher hinge. N. B. Allen. 1,463,783; Aug. 7.
Curtain support. J. Fraser. 1,472,766; Oct. 30.
Curtain support. W. I. Levi. 1,472,921; Nov. 6.
Curtain support and shade holder. J. W. Johnson and J. W. Nolde. 1,463,702; July 31.
Curtain-supporting attachment. V. Nole. 1,453,689; May 1.
Curtain suspender. J. R. E. Heseltine. 1,477,956; Dec. 18.
Curtain window frame, Carriage. L. C. Nelson. 1,451,026; Apr. 10.
Curtain-window installation. A. S. Campbell. 1,465,728; Aug. 21.
Curtain windowpanes, Mount for vehicle. J. M. McCloud. 1,452,612; Apr. 24.
Curtains and like articles, Window frame for. H. F. Maranville. 1,478,447; Dec. 25.
Curtains, draperies, and the like, Making. E. H. Flagg. 1,463,014; July 24.
Curtains, Fastener for vehicle. C. J. Foster and R. D. Simpson. 1,452,150; Apr. 17.
Curtains, portières and the like, Support for. A. Marczukowski. 1,449,123; Mar. 20.
Cushion: *See*—
Head cushion.
Cushion, Pin. J. F. Jewart. 1,460,326; June 26.
Cushion seat, Pneumatic-. J. M. Adamski. 1,456,207; May 22.
Cushion wheel. S. T. Mechler. 1,459,633; June 19.
Cushion wheel. R. Reed. 1,458,148; June 12.
Cushion wheel. M. J. Stein. 1,460,453; July 3.
Cuspidor. M. G. Martin. 1,461,156; July 10.
Cuspidor, Automatic. E. W. and C. E. Button. 1,453,545; May 1.
Cuspidor, Dental fountain. A. Pflantzer. Des. 62,850; Aug. 7.
Cushion: *See*—
Billiard-table cushion. Reversible cushion.
Cushion. F. Karr. 1,468,268; Sept. 18.
Cushion, Comfort. H. M. Ogle. 1,468,072; Sept. 18.
Cushion, Game-table. C. P. Miller. 1,478,046; Dec. 18.
Cushion or mattress. D. T. Owen. 1,445,409; Feb. 13.
Cushion, Spring-seat. F. B. King. 1,474,080; Nov. 13.
Cushion, Spring-seat. C. C. Meutsch. 1,476,456; Dec. 4.
Cushion wheel. P. H. Dorsey. 1,453,092; Apr. 24.
Cushion wheel. E. D. Snyder. 1,453,198; Apr. 24.
Cushion wheel. G. Walther. 1,447,365; Mar. 6.
Cushioned wheel. J. H. Hubble. 1,441,093; Jan. 2.
Cushioned wheel. M. F. Kettler. 1,447,864; Mar. 6.
Cushioning device. H. L. Drew. 1,448,338; Mar. 13.
Cushioning device. A. B. Ely. 1,477,331; Dec. 11.
Cuspidor. W. F. Hartline. Des. 61,951; Feb. 13.
Cuspidor. J. Straub. 1,469,704; Oct. 2.
Cuspidor, Flushing. H. G. Grubbs. 1,475,945; Dec. 4.
Cuspidor, Sanitary. S. Rianda. 1,477,005; Dec. 11.
Cuspidor, Sanitary. A. Rybicky. 1,451,554; Apr. 10.
Cuspidor, Stationary. L. H. Fish. 1,474,520; Nov. 20.

Cutlery articles, Handle for. J. A. Schlehr. 1,457,606; June 5.
Cut or die, Printer's. R. O. Benson. Des. 62,875; Aug. 21.
Cut-out, Automatic. J. S. Reynolds. 1,461,456; July 10.
Cut-out block, Panel. G. B. Thomas. 1,475,900; Nov. 27.
Cut-out box. W. C. Hollins and F. P. Arrousez. 1,446,622; Feb. 27.
Cut-out box. A. L. Pierce. 1,462,124; July 17.
Cut-out mechanism. N. A. Petry. 1,469,686; Oct. 2.
Cut-out, Primary. N. J. Conrad. 1,466,423; Aug. 28.
Cutter: *See*—

Angle-bar cutter.	Ice cutter.
Asparagus cutter.	Lace cutter.
Bayonet wire cutter.	Lawn-mower cutter.
Belt cutter.	Leather cutter.
Boiler-tube cutter.	Meat cutter.
Bread cutter.	Milling cutter.
Butter cutter.	Noodle cutter.
Casing cutter.	Paper cutter.
Check cutter.	Pie cutter.
Cigar cutter.	Pipe and rod cutter.
Coal cutter.	Pipe cutter.
Coupon cutter.	Potato cutter.
Dough cutter.	Reed cutter.
Dredge cutter.	Road and street cutter.
Drill cutter.	Roll cutter.
Ensilage cutter.	Rotary cutter.
Feed cutter.	Shim cutter.
File cutter.	Soap cutter.
Flue cutter.	Steak and chop cutter.
Fly cutter.	Thread cutter.
Food cutter.	Tire gauge cutter.
Gear cutter.	Tooth cutter.
Glass cutter.	Twine cutter.
Hair cutter.	Vegetable cutter.
Hedge cutter.	Vibratory cutter.
Ice-cream cutter.	Wire cutter.

Cutter. O. F. Cooper. 1,469,153; Sept. 25.
Cutter. O. Degrenier. 1,456,672; May 29.
Cutter. J. T. McCullough. 1,446,194; Feb. 20.
Cutter. P. R. and F. W. Shirk. 1,470,492; Oct. 9.
Cutter. R. H. Stambaugh. 1,459,296; June 19.
Cutter. R. D. Tackaberry. 1,446,404; Feb. 20.
Cutter and feeder, Band. J. B. Firestone. 1,451,442; Apr. 10.
Cutter chain and bars for mining machines. F. Cartlidge. 1,475,364; Nov. 27.
Cutter head. H. G. Aldridge. 1,459,760; June 26.
Cutter head. J. P. Maloy. 1,449,237; Mar. 20.
Cutter head. C. T. McDaniel. 1,477,970; Dec. 18.
Cutter head. R. F. Moritz. 1,446,016; Feb. 20.
Cutter for sheet stock, Gang. H. Z. Cobb. 1,477,108; Dec. 11.
Cutter for sliced potatoes. R. E. Welch. 1,472,315; Oct. 30.
Cutter-grinding attachment. A. W. Erdman. 1,472,827; Nov. 6.
Cutter-head attachment. H. H. Manning. 1,472,565; Oct. 30.
Cutter head, Rotary. O. R. Gustafson. 1,478,649; Dec. 25.
Cutter head, Shortened conical. E. A. McKoy and G. D. Moore. 1,466,538; Aug. 28.
Cutter heads, Blade-adjusting mechanism for. C. L. Savieo. 1,458,363; June 12.
Cutter or mixer. M. P. Soderberg. 1,469,691; Oct. 2.
Cutters, Machine for and method of cutting undercut. F. Müller. 1,443,638; Jan. 30.
Cutters, Making milling. F. Müller. 1,443,642–3; Jan. 30.
Cutters, Manufacturing. A. C. Davidson. 1,473,086; Nov. 6.
Cutters, Mechanism for milling blanks for. F. Müller. 1,454,181; May 8.
Cutters, Self-feeder for feed. F. Kolarik. 1,455,402; May 15.
Cutting and kneading machine, Universal. L. Negro. 1,463,720; July 31.
Cutting and length-gauging machine. G. Tilton and A. O. Abbott, jr. 1,455,366; May 15.
Cutting and punching. M. H. Ballard. 1,441,202; Jan. 9.
Cutting and sewing machine, Automatic. J. P. Weis. 1,443,513; Jan. 30.
Cutting and stamping machine. C. C. Gibson. 1,441,797; Jan. 9.
Cutting and transporting mechanism, Blank. A. J. Evers and H. J. Sauvage. 1,464,649; Aug. 14.
Cutting and trash-impelling means, Bottom-. G. D. Luce and F. C. D. Wilkes. 1,442,032; Jan. 9.
Cutting apparatus. A. W. Houck. 1,445,590; Feb. 13.
Cutting bur. F. A. Bartlett. 1,461,376; July 10.
Cutting device. P. Cusimano. 1,463,941; Aug. 7.
Cutting device. R. Hány. 1,449,040; Mar. 20.
Cutting device. J. R. Heber. 1,447,022; Feb. 27.
Cutting device. P. Kennedy. 1,467,434; Sept. 11.
Cutting device. P. Kennedy. 1,477,062; Dec. 11.
Cutting device. H. E. Sloan. 1,446,726; Feb. 27.
Cutting device. J. and A. E. Wegner. 1,472,261; Oct. 30.
Cutting die. W. H. J. Fitzgerald. 1,471,653; Oct. 23.
Cutting edge. J. I. Misener. 1,448,697; Mar. 13.
Cutting implement. P. C. Brooks. 1,444,324; Feb. 6.
Cutting implement. A. Urbanik. 1,457,643; June 5.
Cutting implement, Corn and stalk. S. Ducsay. 1,464,354; Aug. 7.
Cutting machine. W. C. Baxter. 1,469,245; Oct. 2.
Cutting machine. H. Brunken. 1,465,113; Aug. 14.
Cutting machine. I. C. Buckminster. 1,440,581; Jan. 2.
Cutting machine. J. S. Cameron. 1,445,992; Feb. 20.
Cutting machine. M. Evaniuk. 1,471,025; Oct. 16.
Cutting machine. G. Kalenoff. 1,473,629; Nov. 13.
Cutting machine. R. C. Simmons. 1,463,229; July 31.
Cutting machine. J. Wegner. 1,472,895; Nov. 6.
Cutting machine. G. Weiss. 1,440,805; Jan. 2.
Cutting machine. F. W. T. Zoepke. 1,475,336; Nov. 27.
Cutting machine, Selvage-edge-. J. W. Brundage. 1,472,547; Oct. 30.
Cutting machine, Stock-. E. E. Winkley. 1,471,372; Oct. 23.
Cutting machines, Safety means for. G. H. Wood and F. L. Capen. 1,460,465; July 3.
Cutting mechanism. E. Cheshire. 1,463,545; July 31.
Cutting or dressing machines, Workholder for. H. A. Herr. 1,471,333; Oct. 23.
Cutting overshot. J. A. Plante. 1,458,118; June 5.
Cutting tool. W. Lowry. 1,476,019; Dec. 4.
Cutting tool. W. W. Lyons and G. E. McElroy. 1,455,297; May 15.
Cutting tool. R. Morsdoff. 1,469,945; Oct. 9.
Cutting tool. R. F. Smallwood. 1,451,966; Apr. 17.
Cutting tool. H. K. Porter. 1,476,640; Dec. 4.
Cutting tool. E. W. Taylor. 1,443,058; Jan. 23.
Cutting tool, Pneumatically-operated. P. Barker. 1,467,262; Sept. 4.
Cutting tool, Rotary. H. P. Gerdil. 1,446,342; Feb. 20.
Cuttings, Machine for planting. J. J. M. Elias. 1,470,067; Oct. 9.
Cyanamide from calcium cyanamide, Producing a solution of. L. H. Lidholm. 1,444,256; Feb. 6.
Cyanamide, Producing. J. H. Lidholm. 1,444,255; Feb. 6.
Cyanides, Making. K. P. McElroy. 1,466,627; Aug. 28.
Cyanides, Synthetic production of alkali-metal. F. Von Bichowsky. 1,472,403; Oct. 30.
Cycle. G. W. Clark. 1,460,052; June 26.
Cycle frame. G. S. Lewis. 1,447,676; Mar. 6.
Cycle handle. A. Wendling. 1,451,411; Apr. 10.
Cycle, Horse-drawn. F. H. Sands. 1,453,190; Apr. 24.
Cycle seat. B. Brooks. 1,442,643; Jan. 16.
Cycle stand and brush holder. A. Guazzoni. 1,450,680; Apr. 3.
Cycles and motor cycles, Handlebars for. H. A. Lamplugh. 1,470,627; Oct. 16.
Cycles and motor cycles, Saddle support adaptable to. J. C. M. Dupont. 1,474,109; Nov. 13.
Cycles and the like vehicles, Rim brake for. H. M. Wood. 1,469,202; Sept. 25.
Cycles, Drag brake for skate. F. F. Daniels. 1,444,592; Feb. 6.
Cycles, Hand brake for. G. W. Clark. 1,474,068; Nov. 13.
Cycles of compression, expansion, combustion, suction, exhaust, and the like, Apparatus for performing. C. Chilowsky. 1,463,646; July 31.
Cylinder, Air-cooled. S. R. Saunders. 1,463,595; July 31.
Cylinder and head, Engine. D. O. Barrett. 1,443,893; Jan. 30.
Cylinder and making same, Air-cooled engine. A. C. McCord. 1,455,028; May 15.
Cylinder and piston construction. E. Johnson and S. Peterson. 1,453,981; May 1.
Cylinder and the like, Spreader. A. Isherwood. 1,457,276; May 29.
Cylinder-capping device. W. Westbury. 1,447,828; Mar. 6.
Cylinder-capping device. W. Westbury. 1,458,452; June 12.
Cylinder connection and the like. P. A. and E. Poppe. 1,454,187; May 8.
Cylinder, Drying. E. Hutchins. 1,453,113; Apr. 24.
Cylinder, Engine. S. M. Viale. 1,459,039; June 19.
Cylinder-finishing tool. A. Storm. 1,474,649; Nov. 20.
Cylinder for spinning frames, spoolers, and cylinders of like nature, Split hub head for. W. Herron and J. H. Jester. 1,451,982; Apr. 17.
Cylinder grinder, Vertical-. E. Rivett. 1,447,152; Feb. 27.
Cylinder-grinding machine. W. M. Stevens. 1,445,857; Feb. 20.
Cylinder lap, Automatic adjustable. F. A. Schumann. 1,476,927; Dec. 11.
Cylinder-lapping machine. W. J. Alles and S. C. Probert. 1,472,379; Oct. 30.
Cylinder lock. E. Epstein. 1,455,577; May 15.
Cylinder lock. M. J. O'Connor. 1,462,299; July 17.
Cylinder lock. S. Segal. 1,474,495; Nov. 20.
Cylinder motor, Rotary-. F. M. Slater. 1,462,874; July 24.
Cylinder, Needle. A. E. Stewart. 1,471,633; Oct. 23.
Cylinder, Oscillating. W. R. Hotchkiss. 1,448,301; Mar. 13.
Cylinder-reboring device. A. Perry. 1,464,916; Aug. 14.
Cylinder-reboring machine. M. H. Hansen. 1,461,877; July 17.
Cylinder-shaping machine. A. V. Felten. 1,463,073; July 24.

Cylinders, Applying sheets to printing. W. Gamble and M. Owen. 1,458,477; June 12.
Cylinders, Means for resurfacing. O. A. Anderson and J. M. Macrae. 1,472,036; Oct. 30.
Cylinders, Platform for timber-preserving. H. E. Austin and J. C. Cook. 1,477,414; Dec. 11.
D handle, Reenforced split. C. J. Welsh. 1,477,092; Dec. 11.
D or stirrup shaped handle. E. C. Heaton. 1,478,854; Dec. 25.
Dairying appliance. B. A. Harris. 1,464,677; Aug. 14.
Dam. F. A. Noetzli. 1,455,092; May 15.
Dam, dike, and the like. J. A. McKay. 1,444,622; Feb. 6.
Dam, Movable. H. E. Frye. 1,443,072; Jan. 23.
Dams and building same, Construction of. F. N. Cronholm. 1,474,582; Nov. 20.
Dams, Construction of. F. N. Cronholm. 1,474,581; Nov. 20.
Damper. J. W. Keller and R. S. Congar. 1,451,985; Apr. 17.
Damper. A. C. Mott, jr. 1,441,107; Jan. 2.
Damper. A. Specht. 1,474,123; Nov. 13.
Damper and damper-clip construction. T. Olinger. 1,458,144; June 12.
Damper and spark-deflecting device, Combined. L. McConnell. 1,470,930; Oct. 16.
Damper, Automatic. T. S. Cooper, jr. 1,452,792; Apr. 24.
Damper control. L. O. Sudderberg. 1,461,231; July 10.
Damper controller, Fireplace-. E. F. Donley. 1,454,538; May 8.
Damper, Draft-controlling. J. Kosman. 1,470,326; Oct. 9.
Damper, Furnace. M. W. Briggs. 1,443,000; Jan. 23.
Damper-locking device. R. Kain. 1,440,921; Jan. 2.
Damper-operating device. E. H. White. 1,440,806; Jan. 2.
Damper regulator. F. E. Collins. 1,465,624; Aug. 21.
Damper regulator. T. O. Perry. 1,446,481; Feb. 27.
Damper regulator. J. M. Sullivan. 1,449,707; Mar. 27.
Damper regulator, Automatic. M. F. Hutchison. 1,464,100; Aug. 7.
Damper, Stovepipe. C. L. Gargan and J. E. Leinen. 1,470,619; Oct. 16.
Dampers, Means for operating. T. J. Curtis. 1,470,425; Oct. 9.
Damping device, Vibration-. M. Tibbetts. Re15,645; July 10.
Dancing figure, Mechanical. F. Watson. 1,475,666; Nov. 27.
Dandelion picker. R. W. Simon. Des. 62,929; Aug. 21.
Dandy roll. J. H. Lowe. 1,462,369; July 17.
Darning horn. B. M. Gingles. 1,447,656; Mar. 6.
Darning machine, Bag-. J. R. Moffatt and R. S. Kelso. 1,442,816; Jan. 23.
Dart board or like target. E. H. A. Leggatt. 1,453,396; May 1.
Dash-control device. A. R. Cooper. 1,467,309; Sept. 11.
Dashpot. J. J. A. Miller and W. A. Weigele. 1,448,229; Mar. 13.
Dashpot. E. G. Thomas. 1,453,733; May 1.
Dashpot-controlled switch. G. O. Wilms. 1,449,025; Mar. 20.
Data, Means employed in totalizing. L. S. Graham, J. W. Roberts, and S. Wood. 1,442,266; Jan. 16.
Dates, Method of and apparatus for separating. A. W. Stott. 1,464,511; Aug. 14.
Dauber. W. E. Castle and R. L. Hansard. 1,472,408; Oct. 30.
Dauber. H. E. Everett. 1,458,281; June 12.
Dauber for liquid blacking and the like. C. A. Haass. 1,466,506; Aug. 28.
Davenport. E. R. Brainerd. 1,464,900; Aug. 14.
Davenport. J. E. Mauerhan. 1,447,314; Mar. 6.
Davenport. T. C. Starr. 1,474,947; Nov. 20.
Davenport and bed, Combined. J. Pfendner. 1,466,957; Sept. 4.
Davenport and bed, Combined. W. Westphal. 1,460,006; June 26.
Davenport construction. W. F. Freeman and S. G. Smith. 1,445,209; Feb. 13.
Davits, Mechanism for turning ships'. A. Welin. 1,478,994; Dec. 25.
Dealcoholizing process and apparatus. G. Engel, sr. 1,453,313; May 1.
Decanter. F. W. Schwenck. Des. 63,090; Oct. 2.
Decanter. F. W. Schwenck. Des. 63,436–7; Dec. 4.
Decanter and process, Centrifugal. W. Mauss. 1,441,732; Jan. 9.
Decanting machine. E. S. Pettis. 1,478,674; Dec. 25.
Dechlorinated chlorinated-glycerides and derivatives therefrom. H. A. Gardner. 1,452,553; Apr. 24.
Declinkering apparatus, Power. G. R. Bradley. 1,452,336; Apr. 17.
Decolorizing material and making same. H. Rodman and E. E. Boren. 1,474,120; Nov. 13.
Decomposing, transposing, dissolving, or rendering soluble difficultly-soluble bodies. H. D. Rankin. 1,471,751; Oct. 23.
Decorating roll. M. Suhr. 1,464,512; Aug. 14.
Decorative purposes, Pressing and utilizing plant elements for. M. B. Ellison. 1,446,790; Feb. 27.
Decoy. G. E. Barker. 1,452,631; Apr. 24.
Decoy. C. L. Dewey. 1,473,612; Nov. 13.
Decoy. E. Newman. 1,457,388; June 5.
Decoy. H. E. and L. A. Sherman. 1,468,979; Sept. 25.
Decoy duck. J. K. Bailey. 1,469,613; Oct. 2.
Decoy, Duck. L. G. Hurd. 1,445,769; Feb. 20.
Decoy, Duck. L. G. Hurd. 1,447,474; Mar. 6.
Decoy, Inflatable. G. H. Moore. 1,469,188; Sept. 25.
Decoy stickup. A. H. Sweeney. 1,478,538; Dec. 25.
Deflector, Wind. B. C. Crowley. 1,465,894; Aug. 21.
Deformed bar. G. Baehr. 1,460,090; June 26.
Degasifying agent. W. A. Scheuch. 1,478,062; Dec. 18.
Dehydrating apparatus. S. M. Dick. 1,450,840; Apr. 3.
Dehydrating vegetable, animal, and other materials. G. H. Benjamin. 1,448,512; Mar. 13.
Dehydrator. W. O. Eddy. 1,440,775–6; Jan. 2.
Dehydrator. F. W. Harris. 1,440,828; Jan. 2.
Dehydrator. W. Meredith. 1,452,207; Apr. 17.
Dehydrator. R. L. Puccinelli. 1,464,338; Aug. 7.
Dehydrator, Sectional. W. B. Nichols. 1,478,879; Dec. 25.
Dehydrator, Vacuum. C. E. Glessner. 1,458,403; June 12.
Dehydrator, Variable-field. H. C. Eddy. 1,442,608; Jan. 16.
Delivery and stacking apparatus, Automatic. W. C. Wright and F. W. Merrick. 1,448,173; Mar. 13.
Delivery apparatus. J. G. Harrold. 1,449,283; Mar. 20.
Delivery box. J. Grigas. 1,455,877; May 22.
Delivery from containers, Means of single-article. W. S. Newman. 1,461,981; July 17.
Delivery mechanism. R. McGregor. 1,445,899; Feb. 20.
Demand-limiting device. J. P. Fisher. 1,456,766; May 29.
Demand meter. C. I. Hall. 1,456,104; May 22.
Demodulating apparatus. H. A. Affel. 1,476,678; Dec. 11.
Demountable wheel. G. E. Goddard. 1,452,597; Apr. 24.
Denominating apparatus. W. A. Cook. 1,444,586; Feb. 6.
Denominator and adding machine. M. G. de Simone. 1,476,804; Dec. 11.
Dental absorbent-roll holder. S. Newman. 1,469,049; Sept. 25.
Dental alloys or the like, Measuring container for. C. W. Meguiar. 1,477,226; Dec. 11.
Dental amalgam machine. A. G. Wright. 1,456,526; May 29.
Dental and other uses and making same, Molding substance for. R. H. Jefferies. 1,457,370; June 5.
Dental and surgical instruments, Vibratory controlling device for. J. W. Ivory. 1,476,976; Dec. 11.
Dental apparatus. M. F. Burns. 1,442,465; Jan. 16.
Dental apparatus. M. F. Burns. 1,473,278; Nov. 6.
Dental apparatus. H. Friedman. 1,465,259; Aug. 21.
Dental apparatus. H. H. Shapiro. 1,458,782; June 12.
Dental appliance. F. T. McClaskey. 1,474,084; Nov. 13.
Dental appliance. I. Stolper. 1,474,497; Nov. 20.
Dental appliance. H. K. von der Heydt. 1,477,091; Dec. 11.
Dental appliance. J. M. Wilson. 1,467,079; Sept. 4.
Dental appliance unit. O. H. and A. F. Pieper. 1,462,656; July 24.
Dental articulator. E. L. Chott. 1,452,477; Apr. 17.
Dental articulator. G. S. Monson. 1,457,385; June 5.
Dental articulator or relator. J. Homer. 1,464,474; Aug. 7.
Dental articulators, Attachment for. J. Becker. 1,458,967; June 19.
Dental attachment. J. J. Stark. 1,467,956; Sept. 11.
Dental attachment for removable bridges and clasp dentures. S. Doskow. 1,469,177; Sept. 25.
Dental bridge. H. Eisele. 1,459,951; June 26.
Dental bridge. J. B. Foster. 1,475,808; Nov. 27.
Dental bridgework, Vertically-split attachment for removable. J. Zirikian. 1,449,079; Mar. 20.
Dental casting apparatus. E. J. Kochmit. 1,454,290; May 8.
Dental casting apparatus. W. E. Sattler. 1,477,853; Dec. 18.
Dental casting flask. N. O. Lynn. 1,458,835; June 12.
Dental casting flask heater and instrument sterilizer. J. E. Burns. 1,476,324; Dec. 4.
Dental casting machine. S. L. Jefferies. 1,464,656–7; Aug. 14.
Dental casting machine. E. Kimmig and S. Silver. 1,441,001; Jan. 2.
Dental chair. G. D. Heck. 1,472,272; Oct. 30.
Dental chairs, Adjustable spotlight for. L. Lazar. 1,469,841; Oct. 9.
Dental chairs, Adjustable spotlight for. L. Lazar. 1,469,928; Oct. 9.
Dental chart and making same. G. D. Fish. 1,449,318; Mar. 20.
Dental cuspidors, Adjustable sanitary fountain-cup attachment for. I. A. Burnett. 1,476,356; Dec. 4.
Dental device for spreading tissues. J. A. Heidbrink. 1,450,419; Apr. 3.
Dental disk holder. R. Lefebvre and A. Ramseier. 1,443,079; Jan. 23.
Dental engine hand piece. W. R. Porter. Re15,681; Aug. 21.
Dental film holder. D. L. Hall. 1,467,850–1; Sept. 11.
Dental film holder. H. G. Ralph. 1,445,169; Feb. 13.
Dental film holder. A. E. Shaw. 1,453,194; Apr. 24.
Dental film mount. A. W. Buck. 1,454,152; May 8.

Dental film mount. M. B. Hodgson. 1,467,108; Sept. 4.
Dental flask. M. F. Burns. 1,444,060; Feb. 6.
Dental flask. M. F. Burns. 1,473,276–7; Nov. 6.
Dental floss and other thread, Holder for. H. C. Hochstadter. 1,465,669; Aug. 21.
Dental floss dispenser. F. G. Dresser. 1,454,429; May 8.
Dental floss dispenser. V. J. Shalek. 1,455,673; May 15.
Dental floss holder. F. O. Gamble. 1,468,942; Sept. 25.
Dental floss holder. A. L. Patterson. 1,456,279; May 22.
Dental floss holder. F. C. Roberts. 1,464,013; Aug. 7.
Dental floss, Holder for. E. W. Eby. 1,445,009; Feb. 13.
Dental handpiece cover, Sanitary. F. J. Gruss. 1,470,162; Oct. 9.
Dental implement. L. T. Melton. 1,450,103; Mar. 27.
Dental impression guide. I. Brown. 1,478,019; Dec. 18.
Dental impression tray. G. S. Monson. 1,450,639; Apr. 3.
Dental impression tray. V. C. Smedley. 1,470,888; Oct. 16.
Dental impression trays, Detachable holder for. J. S. Bridges. 1,461,209; July 10.
Dental inlay castings, Apparatus for forming. R. T. Case. 1,474,620; Nov. 20.
Dental instrument. M. J. Clark. 1,464,807; Aug. 14.
Dental instrument. E. E. Smith. 1,465,690; Aug. 21.
Dental instrument. W. M. Stanbrough. 1,475,354; Nov. 27.
Dental instrument. L. J. Weinstein. 1,468,063; Sept. 18.
Dental lancet for surgical treatment of pyorrhea. W. Ziesel. 1,455,374; May 15.
Dental mallet. W. Rosser. Des. 62,921; Aug. 21.
Dental mandrel. I. A. Burnett. 1,476,357; Dec. 4.
Dental matrix clamp. J. W. Ivory. 1,476,975; Dec. 11.
Dental measurement-wire container. D. Lenzi and G. O. Deschamps. 1,466,910; Sept. 4.
Dental molding apparatus. A. S. Wells and L. A. Harker. 1,468,428; Sept. 18.
Dental molds, Combination baking apparatus for. E. A. Schrader. 1,444,708; Feb. 6.
Dental plates in metal, Apparatus for casting. H. L. Hobday and F. W. Nunn. 1,476,996; Dec. 4.
Dental radiography, Gravity angle meter for. L. E. Harris and T. A. Leach. 1,451,507; Apr. 10.
Dental root-canal point. L. O. Card. 1,469,992; Oct. 9.
Dental suction plate. J. Petry. 1,462,888; July 24.
Dental surgery. L. A. Kiander. 1,474,370; Nov. 20.
Dental technics, Electric clutch coupling for use in. E. Huet. 1,455,491; May 15.
Dental thread holder. C. C. Cooke. 1,475,986; Dec. 4.
Dental tool. G. G. Bell. 1,451,809; Apr. 17.
Dental tool. C. E. Hinchey. 1,458,293; June 12.
Dental tool. W. A. Kelsey. 1,446,906; Feb. 27.
Dental tool holder. J. E. Baldridge. 1,451,806; Apr. 17.
Dental tray. L. Balter. 1,455,518; May 15.
Dental tray. S. E. Douglass. 1,445,499; Feb. 13.
Dental tray. H. E. Weber. 1,461,765; July 17.
Dental use, Anatomical articulator for. S. H. Wilson. 1,471,019; Oct. 16.
Dental use, Device for. F. J. Hofschneider. 1,466,299; Aug. 28.
Dental use, Floss holder for. L. C. Ball. 1,442,380; Jan. 16.
Dentifrice. V. V. J. Andresen. 1,470,794; Oct. 16.
Dentifrice. R. A. Kuever. 1,477,177; Dec. 11.
Dentifrice. W. M. Ruthrauff. 1,460,179; June 26.
Dentifrice. O. F. Schmid. 1,467,455; Sept. 11.
Dentifrice and floss container. T. A. Bailey. 1,466,982; Sept. 4.
Dentiphone. J. W. Gonce. 1,472,214; Oct. 30
Dentist's drill cleaner. W. M. Muchow. 1,467,874; Sept. 11.
Denture. H. M. Carroll, sr. 1,451,533; Apr. 10.
Denture. I. G. Nichols. 1,466,543; Aug. 28.
Denture. J. Petry. 1,463,968; Aug. 7.
Denture and producing same, Artificial. J. A. Daly. 1,472,245; Oct. 30.
Denture and tooth therefor, Artificial. J. L. Williams. 1,441,257; Jan. 9.
Denture, Artificial. J. L. Dickson. 1,468,461; Sept. 18.
Denture, Artificial. L. J. Weinstein. 1,450,012; Mar. 27.
Denture-attaching device. S. G. Supplee. 1,465,379; Aug. 21.
Denture, Removable. H. E. S. Chayes. 1,464,644; Aug. 14.
Dentures, Manufacturing plates for artificial. H. T. Yaryan. 1,453,303; May 1.
Dentures, Sanitary suction for artificial. J. A. and R. S. Thomas. 1,441,384; Jan. 9.
Dentures, Stress-precluding attachment for artificial. A. Feinberg. 1,446,742; Feb. 27.
Deodorizer. H. Frazee, jr. 1,446,456; Feb. 27.
Deodorizer. O. F. Stuerzer. 1,476,930; Dec. 11.
Deodorizing and disinfecting cases or containers. C. J. Shimer. Des. 62,861; Aug. 7.
Deodorizing apparatus. H. C. Lehman. 1,446,310; Feb. 20.
Deodorizing apparatus. B. Newman. 1,477,183; Dec. 11.
Deodorizing material. O. F. Reinhold. 1,459,036; June 19.
Depilatory compound. F. M. Cohan. 1,474,512; Nov. 20.
Depolarizer. B. H. Teitelbaum. 1,459,698; June 19.
Depolarizer and preparing the same. G. W. Heise. 1,468,234; Sept. 18.
Deposit and collection receptacle. J. C. Martin. 1,478,977; Dec. 25.
Depositing and soldering by electric arc, Metal electrode used in. E. H. Jones. 1,441,686; Jan. 9.
Depositing machine. G. S. Guadagni. 1,477,344; Dec. 11.
Depositing machine. T. S. Vierow. 1,477,857; Dec. 18.
Depositing machine. F. Westerman. 1,465,749; Aug. 21.
Depots, Loading stage for. S. Otis. 1,473,709; Nov. 13.
Depth and height gauge, Combined. L. J. Hogarty. 1,464,428; Aug. 7.
Depth sounder. W. R. Legge. 1,441,230; Jan. 9.
Derail. S. W. Hayes. 1,449,178–9; Mar. 20.
Derail. S. W. Hayes. 1,464,606–7; Aug. 14.
Derectifying system. L. W. Carroll. 1,475,933; Dec. 4.
Derrick. C. R. B. Claflin. 1,465,969; Aug. 28.
Derrick. T. M. Gunn. 1,445,136; Feb. 13.
Derrick. H. H. H. Harklow. 1,453,108; Apr. 24.
Derrick, J. E. Larson. 1,471,853; Oct. 23.
Derrick. S. Shafer, jr. 1,457,397; June 5.
Derrick base. J. T. Horton. 1,473,935; Nov. 13.
Derrick braces, Hook fastening for. F. Brandt. 1,473,835; Nov. 13.
Derrick, Hay. C. A. Chapman. 1,461,307; July 10.
Derrick hook. J. L. Foss. 1,471,117; Oct. 16.
Derrick, Portable oil-well. W. Heckart. 1,440,598; Jan. 2.
Derrick, Revolving telescoping. W. D. Miller. 1,471,971; Oct. 23.
Derricks, Apparatus for removing. G. G. Prendergast. 1,464,582; Aug. 14.
Derricks, Reenforcing structure for. C. J. Gougler. 1,462,746; July 24.
Desiccation, Apparatus for. W. L. Fleisher. 1,474,626; Nov. 20.
Desiccator. E. D. Arian. 1,457,483; June 5.
Design, Movable. C. W. Saalburg. 1,477,080; Dec. 11.
Designs, letterpress, etc., Means of producing or reproducing. W. Wilkins. 1,441,496; Jan. 9.
Desk. T. C. Cameron. Des. 63,283; Nov. 20.
Desk. A. H. Stringe. Des. 62,623–4; July 3.
Desk. S. W. Williamson and E. Disher. Des. 63,346; Nov. 20.
Desk, Adjustable. D. Owen. 1,441,942; Jan. 9.
Desk and seat, Combined. A. C. Sanford. 1,454,565; May 8.
Desk and seat structure. G. H. Hamilton and M. Nuberg. 1,465,939; Aug. 28.
Desk and table top. J. W. Tucker. 1,448,820; Mar. 20.
Desk, Artwork. R. C. Woolman. 1,477,409; Dec. 11.
Desk, Bank. C. Stinson. 1,441,763; Jan. 9.
Desk cabinet, Invertible. W. G. Moore. Des. 62,792; July 31.
Desk, Chair. C. J. Akesson. 1,478,780; Dec. 25.
Desk chair. W. O. Jones. 1,452,343; Apr. 17.
Desk, Convertible. A. Mitchell. 1,463,289; July 31.
Desk-locking mechanism. G. W. Hunt. 1,472,841; Nov.
Desk novelty. H. C. Thomas. 1,444,012; Feb. 6.
Desk organizer. R. J. Turner. 1,463,733; July 31.
Desk or like tops, Making. W. A. Gunn. 1,471,026 Oct. 16.
Desk or memorandum pad holder. S. B. Mein. 1,453,052 Apr. 24.
Desk pad. A. M. Lee and E. J. Hagreen. 1,458,488 June 12.
Desk-pad file. A. R. Hager. 1,465,244; Aug. 14.
Desk, Seat. C. Winkel. 1,454,143; May 8.
Desks, seats, and chairs, Floor fastening for. L. H McKee. 1,460,425; July 3.
Desk stand. R. H. Manson. 1,454,247; May 8.
Desk stand base. E. A. Bohlman. 1,450,169; Apr. 3.
Desk table. P. Van Dommelen. Des. 63,206–8; Oct. 30
Desks, tables, and the like, Pads or covering for. J Wagemaker. 1,444,405; Feb. 6.
Detachable handle. C. P. Ruppe. 1,453,188; Apr. 24.
Detachable lifter. E. L. Zukoski. 1,469,868; Oct. 9.
Detachable wheel. L. Rouanet. 1,477,079; Dec. 11.
Detecting mechanism. M. F. Field. 1,454,111; May 8.
Detecting system. J. B. Harlow. 1,466,284; Aug. 28
Detector: *See*—
Automobile theft detector.
Detector. H. P. Donle. 1,445,613; Feb. 13.
Detector, Crystal. G. Greco and K. G. Wolff. 1,454,997; May 15.
Detector stand. R. J. Heitzman. 1,477,826; Dec. 18.
Detector tube. H. C. Rentschler. 1,465,998; Aug. 28.
Detergent. H. Spurrier. 1,474,690; Nov. 20.
Detonating device. J. R. Bowler. 1,443,676; Jan. 30.
Detonator. J. Barab. 1,458,925; June 19.
Detonator. W. O. Snelling. 1,462,074; July 17.
Detonator composition. B. Grotta. 1,453,976; May 1.
Detonator composition. W. O. Snelling. 1,462,075; July 17.
Detonator composition. C. E. Waller. 1,462,093; July 17.
Developing apparatus. L. W. Shannon. 1,463,489; July 31.
Dewatering machine. H. B. Cleveland. 1,468,376; Sept. 18.
D-handle, Reenforced. G. W. Benton. 1,443,863; Jan. 30.
Dial. L. P. Creasy. 1,475,800; Nov. 27.
Dial. A. R. McCann. 1,459,917; June 26.

Dial adjuster. C. Pfanstiehl. 1,477,185; Dec. 11.
Dial indicator. A. E. H. Barili. 1,446,437; Feb. 20.
Dial knob. C. P. Whitall. 1,445,812; Feb. 20.
Dial mounting, Flexible. M. F. Szukalski, jr. 1,477,785; Dec. 18.
Dial-revolving device. L. H. Fleron. 1,462,571; July 24.
Diamino-dioxyarsenobenzene-silver oxide compound and making same. A. E. Sherndal. 1,446,216; Feb. 20.
Diamonds, Apparatus for cutting. A. T. Hunt. 1,461,149; July 10.
Diamonds, Apparatus for cutting. E. F. A. C. Leperre. 1,458,768; June 12.
Diaper, catamenial bandage, and the like. R. J. Woody. 1,451,643; Apr. 10.
Diaphragm. H. C. Gains. 1,454,163; May 8.
Diaphragm. W. H. Snyder and F. F. Farkas. 1,469,763; Oct. 2.
Diaphragm, Acoustical. W. H. Drummond. 1,466,427; Aug. 28.
Diaphragm and making same. E. M. Moran. 1,465,610; Aug. 21.
Diaphragm device. M. A. Fesler. 1,461,086; July 10.
Diaphragm, Differential. F. H. Brinkerhoff. 1,473,173; Nov. 6.
Diaphragm, Porous, acid-resisting. L. Lyndon. 1,474,830; Nov. 20.
Diaphragm, Pressure-responsive. F. W. Stalker and D. D. Rosenburgh. 1,454,459; May 8.
Diaphragm structure. S. G. Neal. 1,466,242–3; Aug. 28.
Diaphragm switch. C. C. Abbott. 1,456,087; May 22.
Diaphragms, Adjustable mold for forming leather. E. M. Moran. 1,464,369; Aug. 7.
Diarylguanidines, Production of. J. Young and E. G. Croakman. 1,446,818; Feb. 27.
Diarylsulphones, Manufacture of intermediate products and new dyestuffs derived from. G. de Montmollin. 1,467,711; Sept. 11.
Diazodinitrophenol, Manufacturing. W. M. Dehn. 1,460,708; July 3.
Dice. H. D. Mosauer and L. Laub. 1,453,762; May 1.
Dice-casting container. H. R. Cossitt and J. Sinel. 1,459,196; June 19.
Di-chloramine-T, Solution of. F. H. Young. 1,451,857; Apr. 17.
Dictaphones and the like, Safety ejector for. F. W. Barrows. 1,456,354; May 22.
Dictaphones, etc., Diaphragm for. H. C. Egerton. 1,455,745; May 15.
Die: *See*—
Axle die. Heel-seat die.
Braiding die. Macaroni die.
Casting die. Paste die.
Cutting die. Printing die.
Forming die. Threading die.
Hat die.
Die. E. J. Baumgarten. 1,474,882; Nov. 20.
Die. L. B. Elliott. 1,474,897; Nov. 20.
Die. T. Hoops. 1,441,228; Jan. 9.
Die. C. T. Wootten. 1,468,549; Sept. 18.
Die block. R. Miller. 1,446,626; Feb. 27.
Die-casting apparatus. C. M. Grey. 1,458,482; June 12.
Die-casting apparatus. J. Kralund and C. H. Duckworth. 1,442,479; Jan. 16.
Die-casting apparatus. J. Kralund and C. H. Duckworth. 1,476,257; Dec. 4.
Die-casting machine. J. Ambrose. 1,470,672; Oct. 16.
Die-casting machine. J. Bate. 1,458,795; June 12.
Die-casting machine. E. N. Dollin. 1,469,073; Sept. 25.
Die-casting machine. W. A. Heinze. 1,478,117; Dec. 18.
Die-casting machine. V. E. Lane. 1,470,755; Oct. 16.
Die-casting machine. T. E. Murray, jr., and H. S. Holmes. 1,476,765; Dec. 11.
Die-casting machine. O. L. W. Swenson. 1,466,490; Aug. 28.
Die-casting mold. A. W. Lemme. 1,440,923; Jan. 2.
Die castings, Making. C. Pack. 1,449,053; Mar. 20.
Die-cutting machines and the like, Fixture for. W. P. Cartwright and J. F. Keller. 1,473,592; Nov. 6.
Die-fitting apparatus. W. A. Valentine. 1,466,259; Aug. 28.
Die head. W. H. Gates. 1,464,177; Aug. 7.
Die head. C. Jobst. 1,472,912; Nov. 6.
Die head. V. R. Koontz. 1,456,805; May 29.
Die head. B. F. McGovern. 1,443,324; Jan. 23.
Die head, Rotary. A. F. Breitenstein. 1,446,734; Feb. 27.
Die head, Self-opening. A. F. Breitenstein. 1,456,720; May 29.
Die holder. W. D. Pierson. 1,452,312; Apr. 17.
Die holder, Separable-. H. N. Jones. 1,449,412; Mar. 27.
Die-milling machine. O. S. Lee. 1,442,483–4; Jan. 16.
Die mounting. C. A. Kropp. 1,462,556; July 24.
Die press. L. Nelson. 1,471,858; Oct. 23.
Die press, Automatic. W. Cameron. 1,477,240; Dec. 11.
Die press, Gang. H. C. H. Walsh. 1,462,094; July 17.
Die-press mechanism. C. D. McDonald and J. E. McCullough. 1,448,807; Mar. 20.
Die-reaming machine. A. Nelson. 1,474,939; Nov. 20.
Die rolls, Feed-control device for. G. Baehr. 1,469,575; Oct. 2.
Dieing and other machines, Feeding mechanism for. W. G. Allen. 1,454,841; May 15.
May 15.
Diestock. W. V. Bulman. 1,460,786; July 3.
Diestock. J. J. Lesslie. 1,448,030; Mar. 13.
Diestocks, Adapter for. I. W. Nonneman. 1,459,240; June 19.
Dies. F. W. Fernholtz. 1,448,339; Mar. 13.
Dies for bending thin metal plates in the direction of their width, Flexible. R. S. Smith. 1,470,399; Oct. 9.
Dies for cutting metal reenforcement. J. C. Timm. 1,466,680; Sept. 4.
Dies, Machinery for making. H. C. Rickenbach. 1,455,266;
Dies, Making. C. G. Anderson. 1,471,472; Oct. 23.
Dies, Making. F. R. Stafford. 1,458,599; June 12.
Dies, Method and apparatus for lubricating punching. H. Miller. 1,471,669; Oct. 23.
Diesel engine. P. Hentschke. 1,464,906; Aug. 14.
Diesel engine. H. T. Herr. 1,455,787; May 22.
Diesel-engine compresser, Auxiliary. H. H. Blache. 1,446,541; Feb. 27.
Diesinking machine. W. E. Sargent. 1,468,515; Sept. 18.
Diesters from vinyl esters, Production of. F. W. Skirrow and J. Dick. 1,449,918; Mar. 27.
Diethylbarbiture acid and its homologues, Manufacturing compounds soluble in water of. F. Quade. 1,461,831; July 17.
Differential. C. Andrade, jr. 1,471,642; Oct. 23.
Differential. C. Andrade, jr. 1,472,452; Oct. 30.
Differential. C. Andrade, jr. 1,473,201; Nov. 6.
Differential S. O. Hulett. 1,472,758; Oct. 30.
Differential. V. W. Pagé. 1,471,915; Oct. 23.
Differential. C. O. Wyman. 1,468,338; Sept. 18.
Differential construction. H. W. Alden. 1,445,864–5; Feb. 20.
Differential, Direct-drive. A. C. Culver. 1,477,039; Dec. 11.
Differential mechanism. H. A. Cartwright. 1,477,311; Dec. 11.
Differential mechanism. F. M. Lewis. 1,477,137; Dec. 11.
Differential mechanism. F. H. Root. 1,446,069; Feb. 20.
Differential mechanism. F. W. Seeck. 1,467,560; Sept. 11.
Differential mechanism. G. Stelling. 1,476,379; Dec. 4.
Differential mechanism. E. M. Sternberg. 1,442,498; Jan. 16.
Differentials in pressures, Instrument for recording. E. Lindborn and C. W. Burroughs. 1,446,097; Feb. 20.
Diffusing apparatus. W. C. Graham. 1,467,849; Sept. 11.
Digester and strainer therefor. F. E. Johnson, jr. 1,459,913; June 26.
Digger: *See*—
Grass digger. Potato digger.
Posthole digger.
Digger. T. E. Pooler. 1,470,284; Oct. 9.
Digging device. W. Littley. 1,443,138; Jan. 23.
Dilator and the like. L. J. M. Plantier. 1,443,801; Jan. 30.
Dilutometer. C. M. Larson. 1,449,334; Mar. 20.
Dimming mechanism. A. Herz. 1,452,115; Apr. 17.
Dining table. I. Cooklin. 1,459,086; June 19.
Dioxydiaminoarsen-obenzene and making the same, Sodium compound of. U. Suzuki. 1,468,618; Sept. 18.
Dioxyperylene and perylene, Manufacturing. A. Zinke. 1,454,204; May 8.
Dioxyperylene, Manufacturing. A. Zinke. 1,454,205; May 8.
Diphenylene diketones as anthraquinone or its derivatives, Manufacture of. A. Ullrich. 1,466,683; Sept. 4.
Diphenylene diketones as anthraquinone or its derivatives, Manufacture of. A. Ullrich. 1,467,258; Sept. 4.
Diphenylenediketones from anthracene compounds, Manufacture of. G. Peters. 1,455,448; May 15.
Dipper. J. O. Clark. 1,477,539; Dec. 18.
Dipper. A. Whitcraft. 1,444,760; Feb. 6.
Dipper and grader, Prune. E. S. Anderson. 1,475,419; Nov. 27.
Dipper, Cream. A. P. Jurgensen. 1,473,104; Nov. 6.
Dipper front. E. E. Vanderhoef. 1,453,813; May 1.
Dipper, Ice-cream. W. G. Heimerdinger. 1,450,886; Apr. 3.
Dipper, Sampling. A. A. Anderson. 1,466,920; Sept. 4.
Dipper tooth. M. G. Moore. 1,461,136; July 10.
Dipper tooth. W. G. Nichols. 1,453,805; May 1.
Dipper tooth. E. L. Pemberton. 1,469,808; Oct. 9.
Dipper tooth, Extensible, reversible, and self-sharpening. J. F. Pryor. 1,463,725; July 31.
Dipping apparatus. E. Kraft. 1,463,960; Aug. 7.
Dipping device. F. J. MacDonald. 1,454,244; May 8.
Dipping machine. J. R. Caldwell. 1,449,744; Mar. 27.
Dipping machine. B. M. Griffith. 1,455,585; May 15.
Direction and stop signal. W. D. Collins and G. W. H. Allen. 1,465,596; Aug. 21.
Direction indicator. H. L. Arnold. 1,453,902; May 1
Direction indicator. I. M. Brown. 1,453,237; Apr. 24.
Direction indicator. B. Bush. 1,457,723; June 5.
Direction indicator. A. Butter. 1,460,701; July 3.
Direction indicator. G. A. Cummings. 1,470,617; Oct. 16.
Direction indicator. V. M. Fowler. 1,475,293; Nov. 27.
Direction indicator. W. Howard and E. J. Watson. 1,449,900; Mar. 27.
Direction indicator. O. C. Knigge. 1,461,664; July 10.
Direction indicator. R. N. McClure. 1,463,826; Aug. 7.
Direction indicator. J. M. Mellis. 1,445,530; Feb. 13.
Direction indicator. C. V. Mirich. 1,448,561; Mar. 13.

Direction indicator. R. E. Parmenter. Des. 62,498; June 12
Direction indicator. E. L. Robinson. 1,478,916; Dec. 25.
Direction indicator. A. G. Slater. 1,470,494; Oct. 9.
Direction indicator. S. L. Trueblood. 1,466,607; Aug. 28.
Direction indicator. R. F. A. von Bernewitz. 1,454,355; May 8
Direction indicator. E. B. Wagner. 1,440,804; Jan. 2.
Direction indicator and stop light. W. A. Stowe. Des. 63,443; Dec. 4.
Direction indicator, Electrical. H. Kageyama. 1,457,173; May 29.
Direction indicators, Electric control system for vehicle. H. S. Beckman. 1,476,791; Dec. 11.
Direction signal. F. J. Geppert. 1,475,063; Nov. 20.
Direction signal. W. A. Jacobus. 1,476,616; Dec. 4.
Directional signal. W. B. Lawrence. 1,474,936; Nov. 20.
Direction signal. P. W. Padden and O. C. Reynolds. 1,441,877; Jan. 9.
Direction signal. R. F. Pfau. 1,472,671; Oct. 30.
Direction signal. J. G. Ross. 1,449,297; Mar. 20.
Direction signal. C. D. Wiemer. Des. 62,686; July 17.
Directory or index board. C. F. Reuschlein. 1,447,889; Mar. 6.
Directory rack. J. R. Dumont. 1,444,240; Feb. 6.
Dirigible and the like. R. H. Upson. 1,451,667; Apr. 10.
Dirigible headlights for vehicles. C. F. Hoover and O. L. Thomason. 1,459,891; June 26.
Disappearing table. E. O. Roberts. 1,457,751; June 5.
Discharge-indicating device. O. H. Eschholz. 1,461,519; July 10.
Discharge mechanism. J. R. Gruetter. 1,451,216; Apr. 10.
Discharger, Self. P. Krüger. 1,441,933; Jan. 9.
Discrete masses, Drying apparatus for. T. C. Lazier. 1,464,324; Aug. 7.
Dish. J. H. Venon. Des. 62,626; July 3.
Dish. J. H. Venon. Des. 62,654–8; July 10.
Dish and manufacture, Sundae. C. Barbieri. 1,450,832; Apr. 3.
Dish, bowl, or similar article. W. D. Haviland. Des. 62,776; July 31.
Dish, bowl, or similar article. W. D. Haviland. Des. 63,293–6; Nov. 20.
Dish cover, Cooking-. W. T. Hedges. Des. 62,948–50; Aug. 28.
Dish drainer. J. D. Judkins. 1,456,803; May 29.
Dish drainer. R. M. Smythe. 1,446,592; Feb. 27.
Dish drainer. R. M. Smythe. 1,466,514; Aug. 28.
Dish, Fruit. W. H. Magee. Des. 62,229; Apr. 17.
Dish mounting or holder or similar article. H. Lerner. Des. 61,956; Feb. 13.
Dish or similar article, Covered. E. J. Johnson. Des. 63,401; Dec. 4.
Dish or vessel cover. M. Kaniuk. Des. 62,227; Apr. 17.
Dish rack. P. Cunneen. 1,452,418; Apr. 17.
Dishes, Rinsing holder for. W. E. Burnham. 1,453,437; May 1.
Dishwasher. C. Breer. 1,461,473; July 10.
Dishwasher. J. J. Kehoe and W. C. T. Morson. 1,446,905; Feb. 27.
Dishwashing and like machines, Conveyer belt for. P. H. Davis. 1,441,836; Jan. 9.
Dishwashing apparatus. C. B. Belknap. 1,460,400; July 3.
Dishwashing apparatus. H. Rosenbaum. Re15,670; Aug. 7.
Dishwashing apparatus. H. Rosenbaum. 1,477,903; Dec. 18.
Dishwashing device. J. Hauk. 1,447,305; Mar. 6.
Dishwashing machine. W. R. Adams. 1,440,761; Jan. 2.
Dishwashing machine. R. E. Callahan. 1,444,902; Feb. 13.
Dishwashing machine. H. L. Dodge. 1,469,625; Oct. 2.
Dishwashing machine. A. L. Hatfield. 1,452,156; Apr. 17.
Dishwashing machine. J. Hauk. 1,447,304; Mar. 6.
Dishwashing machine. T. C. Hicks. 1,475,489; Nov. 27.
Dishwashing machine. C. A. Johnson. 1,445,320; Feb. 13.
Dishwashing machine. J. S. Lapham. 7,440,472; Jan. 2.
Dishwashing machine. J. S. Lapham. 1,473,301; Nov. 6.
Dishwashing machine. D. P. Magann. 1,477,068; Dec. 11.
Dishwashing machine. U. S. G. Welsh. 1,457,240; May 29.
Dishwashing-machine casing. H. F. Cavanaugh, T. S. Hall, and A. L. Oliver. Des. 62,473; June 12.
Dishwashing machine, Hand. T. C. Hicks. 1,449,000; Mar. 20.
Dishwashing machines, Manifold for. W. J. Lynch. 1,440,612; Jan. 2.
Disinfecting, insecticidal, and fungicidal composition. H. Carstens and C. Hansen. 1,457,652; June 5.
Disintegrating machines or similar working machines, Feeding device for. L. Bartmann. 1,476,868; Dec. 11.
Disintegrator. J. K. Blum. 1,469,877; Oct. 9.
Disintegrator. E. B. Starr and M. Stockton. 1,446,221; Feb. 20.
Disk brake, Multiple. V. W. Pagé. 1,441,943; Jan. 9.
Disk, Closure. W. L. Wright. 1,462,995; July 24.
Disk, Clutch. T. J. Litle, jr. 1,467,732; Sept. 11.
Disk cutter having staggered series of side teeth. G. W. Conklin. 1,472,960; Nov. 6.
Disk, Friction. C. W. Parker. 1,453,599; May 1.
Disk grinder. J. Miller, jr. 1,452,209; Apr. 17.
Disk-inserting mechanism. L. A. Freedman. 1,440,670; Jan. 2.
Disk or harrow, Orchard. J. G. Lindeman. 1,478,830; Dec. 25.
Disk records, Album for. W. Wilburger. 1,452,861; Apr. 24.
Disk records and the like, Convertible cabinet for. E. H. Hand. 1,464,932; Aug. 14.
Disk records, Envelope for. W. Wilburger. 1,463,413; July 31.
Disk records, Envelope for. W. Wilburger. 1,464,378; Aug. 7.
Disk-rolling machine. H. Y. Hildebrand. 1,459,767; June 26.
Disk scraper and fender. F. S. Britten. 1,457,960; June 5.
Disk-shaped objects, Holder for. H. H. Clark. 1,476,285; Dec. 4.
Disk wheel. A. Benson. 1,456,965; May 29.
Disk wheel. W. A. Gibson. No. 1,455,332; May 15.
Disk wheel. H. W. Kranz. 1,470,626; Oct. 16.
Disk wheel. J. Ledwinka. 1,441,005; Jan. 2.
Disk wheel. A. J. Petrie. 1,457,456; June 5.
Disk wheel. M. Reid. 1,471,356; Oct. 23.
Disk wheel. L. E. Shaw. 1,469,699; Oct. 2.
Disk wheel. G. D. Slaymaker. 1,461,229; July 10.
Disk wheel. J. A. Steinmetz. 1,471,014; Oct. 16.
Disk wheel. A. P. Teevin. 1,471,812; Oct. 23.
Disk wheel. E. M. Torkelson and B. Meigs. 1,461,690; July 10.
Disk wheel. J. W. White. 1,473,368; Nov. 6.
Disk-wheel assembly. G. H. Forsyth. 1,470,222; Oct. 9.
Disk wheel, Armored pneumatic. W. G. Hawkins and V. C. Bloodgood. 1,472,271; Oct. 30.
Disk wheel, Concave. W. E. Williams. 1,441,770; Jan. 9.
Disk wheel, Metal. W. E. Williams. 1,476,130; Dec. 4.
Disk wheel, Shock-absorbing. G. A. Cheremisinoff. 1,461,969; July 17.
Disk wheel structure. W. B. Allison. 1,464,917; Aug. 14.
Disks, Device for manufacturing radially-corrugated sheet-metal. W. A. Vinson. 1,440,709; Jan. 2.
Disks from grinding wheels, Apparatus for removing abrasive. F. A. and M. D. Willard. 1,459,171; June 19.
Disks in centrifugal separators, Separating. L. Rasch. 1,463,752; July 31.
Disks, Machine and method for rolling tapered. E. G. Budd and E. Ibach. 1,442,601; Jan. 16.
Disks, Manufacturing abrasive. S. M. Bullock and H. S. Lloyd. 1,458,322; June 12.
Disks on shafts, Fastener for securing. J. T. Janette. 1,467,938; Sept 11.
Disks or rollers, Measuring instrument for sizing and sorting. K. O. Leon. 1,465,555; Aug. 21.
Dispatch apparatus, Pneumatic-. W. H. Dinspel and E. Weigele. 1,470,600; Oct. 16.
Dispatch holder. J. H. Doub. 1,461,382; July 10.
Dispatch carriers, Spacing device for pneumatic-. W. J. Hepperle. 1,449,996; Mar. 27.
Dispatch, Jacket. W. E. Moore. 1,444,750; Feb. 6.
Dispatch system. J. H. Rand. 1,443,758; Jan. 30.
Dispatch system, Pneumatic-. J. G. Maclaren. 1,452,280; Apr. 17.
Dispenser. L. J. Fairbanks. 1,458,282; June 12.
Dispenser. L. E. Gould. 1,465,902; Aug. 21.
Dispensing apparatus. W. P. Bott. 1,469,879; Oct. 9.
Dispensing apparatus. H. E. Briggs. 1,468,275; Sept. 18.
Dispensing apparatus. J. B. Davis. 1,456,366; May 22.
Dispensing apparatus. J. G. Isenhour. 1,467,729; Sept. 11.
Dispensing and measuring device. O. Hauenstein. 1,462,407; July 17.
Dispensing apparatus. D. Langenzen. 1,473,376; Nov. 6.
Dispensing apparatus. F. J. Mathews. 1,445,339; Feb. 13.
Dispensing apparatus. M. B. Muxen. 1,451,552; Apr. 10.
Dispensing apparatus. A. R. Powell and V. H. Futch. 1,447,321; Mar. 6.
Dispensing apparatus. A. R. Powell and V. H. Futch. 1,458,000; June 5.
Dispensing apparatus. W. J. Rump. 1,475,887; Nov. 27.
Dispensing apparatus. E. A. Vonde Veld. 1,464,893; Aug. 14.
Dispensing apparatus. H. L. Weber. 1,461,992; July 17.
Dispensing apparatus, Standard for base for. F. J. Younger. Des. 62,129; Mar. 27.
Dispensing cabinet. A. Ek. 1,478,329; Dec. 18.
Dispensing container. W. J. Covell. 1,453,445; May 1.
Dispensing device. C. M. Abbott. 1,470,131; Oct. 9.
Dispensing device. A. E. Cantrell. 1,472,046; Oct. 30.
Dispensing device. S. S. Celano. 1,465,840; Aug. 21.
Dispensing device. A. J. Frame. 1,466,896; Sept. 4.
Dispensing device. J. M. James. 1,445,594; Feb. 13.
Dispensing device. J. G. Kaefer. 1,473,187; Nov. 6.
Dispensing device. K. Kiefer. 1,477,365; Dec. 11.
Dispensing device. J. C. Kirk. 1,464,877; Aug. 14.
Dispensing device. W. Kline. 1,477,760; Dec. 18.
Dispensing device. C. H. Leonard. 1,474,083; Nov. 13.
Dispensing device. J. Mason. 1,452,922; Apr. 24.
Dispensing device. J. E. Moore. 1,478,754; Dec. 25.
Dispensing device. M. C. Resek. 1,455,970; May 22.
Dispensing device. J. J. Seelman. 1,452,659; Apr. 24.
Dispensing device. L. W. Tiffany. 1,445,569; Feb. 13.

Dispensing device, Safety. M. F. Millot. 1,462,352; July 17.
Dispensing ingredients, Mechanism for. L. D'Onofrio. 1,478,834; Dec. 25.
Dispensing machine. C. S. Enright. 1,477,434; Dec. 11.
Dispensing machine. S. Hanson. 1,475,341; Nov. 27.
Dispensing machine. H. W. Williams. Re. 15,527; Jan. 9.
Dispensing machine, Coin-controlled. L. M. Ezell. 1,454,272; May 8.
Dispensing mechanism. E. J. Grace. 1,476,071; Dec. 4.
Dispensing tube, Collapsible. B. E. D. Stafford. 1,453,415; May 1.
Dispersoids, Manufacture of. H. Plauson. 1,458,542; June 12.
Display and advertising apparatus. E. Brunhoff. 1,464,597; Aug. 14.
Display and dispensing device. M. J. West. 1,470,900; Oct. 16.
Display and selling apparatus H. W. Arnold. 1,441,653; Jan. 9.
Display and serving rack. H. D. Stearns. 1,471,578; Oct. 23.
Display and shipping case, Contractible. M. L. Webster. 1,460,185; June 26.
Display and the like, Surface for pictorial. C. E. A. Merrow. 1,460,553; July 3.
Display and vending device, Combination. G. F. Baitz. 1,462,024; July 17.
Display apparatus. S. Crewe. 1,443,679; Jan. 30.
Display apparatus. S. A. Rank. 1,442,970; Jan. 23.
Display apparatus. J. C. Thomas. 1,464,515; Aug. 14.
Display appliance. A. W. Bearce. 1,467,302; Sept. 11.
Display board and clip. F. A. Conrad. 1,443,169; Jan. 23.
Display box. F. E. Allworth. 1,450,477; Apr. 3.
Display box. W. Bamber. 1,472,953; Nov. 6.
Display box. G. T. Bates. Des. 63,444; Dec. 4.
Display box. C. Bashwiner. 1,454,424; May 8.
Display box. A. K. Harned. 1,461,656; July 10.
Display box. C. E. Heaton. 1,453,672; May 1.
Display box. E. W. Poppe. 1,450,450; Apr. 3.
Display box. H. T. and P. H. White. 1,442,547; Jan. 16.
Display box, Collapsible. H. S. Hirsch. 1,459,399; June 19.
Display box, Folding. E. E. Pinkerton. 1,446,581; Feb. 27.
Display cabinet, Electrically-heated. W. L. Brown. 1,458,127; June 12.
Display card and insert for boxes. D. Levigton. 1,464,182; Aug. 7.
Display case. A. R. Boal and C. O'Brien. 1,476,872; Dec. 11.
Display case. H. L. Beach. Des. 62,812; Aug. 7.
Display case. M. Katzman. Des. 63,369; Nov. 27.
Display case. M. Meyberg. 1,467,805; Sept. 11.
Display case. F. H. Mix. 1,471,974; Oct. 23.
Display case. L. M. Sawin. 1,451,055; Apr. 10.
Display case, Floral-. S. Gasparaitis. 1,440,671; Jan. 2.
Display-case warmer. A. G. Stephens. 1,463,179; July 31.
Display chest. W. A. Kinsman and H. E. Nock. 1,465,850; Aug. 21.
Display container and advertising in connection therewith. J. B. Singer and A. B. Levy. 1,452,257; Apr. 17.
Display container and holder. H. Kind. 1,452,278; Apr. 17.
Display container, Counter. T. F. Emerson. 1,462,502; July 24.
Display-controlling mechanism, Electric-. G. F. Bagge. 1,478,691; Dec. 25.
Display counter. T. L. Tracy. 1,441,644; Jan. 9.
Display cover. W. S. Wood. 1,459,647; June 19.
Display device. C. Claus. 1,470,217; Oct. 9.
Display device. R. J. Cleeland. 1,470,688; Oct. 16.
Display device. W. E. Cody, 1,441,831; Jan. 9.
Display device. A. de Meurisse. 1,467,140; Sept. 4.
Display device. A. Dietsche, jr. 1,446,841; Feb. 27.
Display device. A. Dietsche, jr. 1,458,169–70; June 12.
Display device. A. Dietsche, jr. 1,470,218; Oct. 9.
Display device. F. L. Donovan. 1,474,246; Nov. 13.
Display device. J. E. and F. S. Gee. 1,463,740; July 31.
Display device. L. Goodman and A. Goldstein. 1,448,659; Mar. 13.
Display device. A. T. Haskell. 1,455,610; May 15.
Display device. G. C. Helm. 1,444,120; Feb 6.
Display device. W. L. Hopkins. 1,451,023; Apr. 10.
Display device. W. L. Hopkins. 1,477,123; Dec. 11.
Display device. W. L. Hopkins. 1,478,033; Dec. 18.
Display device. C. M. Hull. 1,448,664; Mar. 13.
Display device. E. E. Johnson and J. Kershaw. 1,456,273; May 22.
Display device. R. H. Johnson. 1,463,470; July 31.
Display device. M. C. Latimer. 1,447,875; Mar. 6.
Display device. B. D. Mason. 1,454,552; May 8.
Display device. C. D. Platt. 1,473,313; Nov. 6.
Display device. W. A. Ringler. 1,441,632; Jan. 9.
Display device. W. A. Ringler. 1,464,340; Aug. 7.
Display device. H. V. Robbins. 1,448,767; Mar. 20.
Display device. L. A. Stegmann. 1,474,388; Nov. 20.
Display device. J. Stranders. 1,473,390; Nov. 6.
Display device. F. Strauss and F. L. Schley. 1,475,726; Nov. 27.
Display device. E. Sutton. 1,472,097; Oct. 30.
Display device. B. E. Willett. 1,446,233; Feb. 20.
Display device. P. H. White. 1,472,820; Nov. 6.
Display device, Collapsible. W. M. Carter. 1,454,038; May 8.
Display device, Collapsible. A. Dietsche, jr. 1,472,355; Oct. 30.
Display device, Collapsible. B. I. Sommers. 1,471,365; Oct. 23.
Display device, Electrical. C. E. Smith. 1,454,566; May 8.
Display device, Folding. E. R. Phelps. 1,440,839; Jan. 2.
Display device for use in advertising. H. J. Hayden, jr. 1,466,736; Sept. 4.
Display device or container for silverware, etc. J. L. Lee. 1,441,437; Jan. 9.
Display dispenser. W. Relihan. 1,454,860; May 15.
Display fixture. C. V. Daiger. 1,464,241; Aug. 7.
Display fixture. D. J. Seaman. 1,460,684; July 3.
Display fixture and advertising device. B. W. Smith. 1,449,065; Mar. 20.
Display-fixture pedestal. S. Sobel. Des. 63,507; Dec. 11.
Display folder. C. C. Fleming and H. L. Myers. 1,453,833; May 1.
Display folding box, Counter-. F. J. Grady. 1,448,743; Mar. 20.
Display frame. P. B. Rash. 1,475,875; Nov. 27.
Display holder. P. A. Engle. 1,447,771; Mar. 6.
Display last. A. E. Goodwin. 1,461,652; July 10.
Display light. G. E. Stephenson. 1,452,731; May 1.
Display of electrical fittings, Case for the. G. P. Farr. 1,450,150; Mar. 27.
Display packaging for rolled rugs and the like. J. H. Millholland. 1,476,267; Dec. 4.
Display protector, Mounted-specimen-. B. T. B. Hyde. 1,449,755; Mar. 27.
Display rack. G. F. Breuninger. 1,465,891; Aug. 21.
Display rack. C. J. Faulkner. 1,444,597; Feb. 6.
Display rack. O. J. Hotaling. 1,456,446; May 22.
Display rack. S. M. Scherer. 1,464,343; Aug. 7.
Display rack. M. and L. Small. 1,445,803; Feb. 20.
Display rack. L. L. Zimmerman. 1,445,123; Feb. 13.
Display-rack attachment. E. B. Weston. 1,462,877; July 24.
Display rack, Carton-. W. M. and C. J. Doering. 1,447,932; Mar. 6.
Display rack, Corrugated. G. C. Macdonald. 1,459,706; June 19.
Display rack, Rug-. F. Michelbach. Des. 63,001; Sept. 4.
Display racks, Window and showcase. L. E. Miller. 1,471,909; Oct. 23.
Display reel. S. M. Stein. 1,445,417; Feb. 13.
Display screen. L. C. Pedlar. 1,444,522; Feb. 6.
Display stand. C. C. Casey. 1 446,450; Feb. 27.
Display stand. W. J. Dodd. 1,446,036; Feb. 20.
Display stand. F. W. Gibson. 1,470,159; Oct. 9.
Display stand. G. J. Helenek. 1,469,725; Oct. 2.
Display stand. M. Hopper. 1,471,334; Oct. 23.
Display stand. J. C. Hunter. Des. 62,633; July 10.
Display stand. W. H. Kohl. 1,471,310; Oct. 16.
Display stand. W. A. J. Lowe. 1,466,536; Aug. 28.
Display stand. E. C. Morgan. 1,457,990; June 5.
Display stand. H. J. Nutrizio. Des. 62,335–8; May 8.
Display stand. W. T. Walker. Des. 63,151; Oct. 16.
Display stand. A. W. P. Vergeer. 1,476,860; Dec. 11.
Display stand, Book-. C. T. Weibezahn. Des. 63,246; Nov. 6.
Display stand, Combination. I. Willing. 1,475,669; Nov. 27.
Display stand for pencils or the like. L. W. Faber. 1,463,805; Aug. 7.
Display stand for ribbons and the like. J. G. Johnston, jr. Des. 62,953; Aug. 28.
Display stand or similar article. W. H. Fayle. Des. 62,816; Aug. 7.
Display stand or similar article. F. Stockdale. Des. 61,837; Jan. 23.
Display stand or similar article, Store. G. R. Waaler. Des. 63,668; Dec. 25.
Display table. W. Patten. 1,468,247; Sept. 18.
Display tray. W. C. Koch. 1,444,690; Feb 6.
Display tray. M. J. Schless. Des. 62,212; Apr. 10.
Display window. C. W. Kress. 1,451,778; Apr. 17.
Displaying device. A. C. Anderson. 1,449,804; Mar. 27.
Distant indicating means. F. L. Re Qua. 1,474,944; Nov. 20.
Distillation apparatus. W. A. Peters, jr. 1,466,411; Aug. 28.
Distillation apparatus. R. H. Twining. 1,453,735; May 1.
Distillation apparatus. J. Zander. 1,468,435; Sept. 18.
Distillation, Method of and apparatus for effecting continuous. F. M. Hess. 1,443,742; Jan. 30.
Distillation of carbonaceous materials, Retort for. W. Wild. 1,448,017; Mar. 13.
Distillation systems, Vapor box or still for. F. M. Hess. 1,443,743; Jan. 30.
Distilling apparatus. H. Bollmann. 1,449,313; Mar. 20.
Distilling apparatus. N. H. Freeman. 1,464,246; Aug. 7.
Distilling apparatus, Continuous. J. P. Foster and A. F. Misener. 1,466,221; Aug. 28.
Distilling apparatus, Fractional. E. A. R. Chenard. 1,468,899; Sept. 25.

Distilling or refining column. E. Piron. 1,475,243; Nov. 27.
Distributing apparatus. J. H. Pope. 1,471,354; Oct. 23.
Distributing mechanism, Ware-. P. Q. Williams and L. D. Soubier. 1,462,078; July 17.
Distribution, System of. W. A. Etherton. 1,467,361; Sept. 11.
Distribution, System of. G. E. Hulse. 1,452,877; Apr. 24.
Distributor. E. H. Layton. 1,445,442; Feb. 13.
Distributor. J. M. Lopez. 1,444,843; Feb. 13.
Distributor. A. C. Menges. 1,467,054; Sept. 4.
Distributor and making the same. W. A. Evans. 1,478,705; Dec. 25.
Distributor block and making the same. L. J. Werner. 1,463,453; July 31.
Distributor stand. T. L. Ryan. 1,442,974; Jan. 23.
Ditch-cutting machine. A. W. Fuller. 1,469,951; Oct. 9.
Ditch digger. A. Naylor. 1,475,550; Nov. 27.
Ditcher and grader. S. T. Cook. 1,470,959; Oct. 16.
Ditches, Machine for making. H. J. Bentson. 1,467,828; Sept. 11.
Ditching apparatus. C. S. Parker. 1,470,028; Oct. 9.
Ditching machine. J. S. Doremire. 1,456,588; May 29.
Ditching machine. J. H. Johnson. 1,455,494; May 15.
Ditching machine. W. E. McCain. 1,471,498; Oct. 23.
Ditching machines, Tile-placing attachment for. J. Sommer. 1,463,561; July 31.
Dithiocarbamic compounds, Preparing. S. B. Molony and Y. Nikaido. 1,465,677; Aug. 21.
Divers' armor, Submersion control for. G. P. E. Stolle. 1,466,675; Sept. 4.
Diver's use, Atmospheric compound for. C. J. Cooke. 1,473,337; Nov. 6.
Divided mold. E. J. Kukac. 1,466,129; Aug. 28.
Divided washer. P. Berglof. 1,450,014; Mar. 27.
Dividing-board regulator. W. A. Martin. 1,462,017; July 17.
Dividing head. O. S. Marshall. 1,477,374; Dec. 11.
Dividing head. J. A. Poitras. 1,469,051; Sept. 25.
Dobby hook. E. H. Ryon. 1,444,941; Feb. 13.
Dock, Dry. D. Franovich. 1,453,666; May 1.
Dock, Sectional floating dry. E. M. Long. 1,474,336; Nov. 13.
Documents and the like, Filing and binding. D. A. Adams. 1,446,408; Feb. 20.
Doffer guard and oil-well cover, Combined. W. Adkinson. 1,452,673; Apr. 24.
Doffing and donning mechanism. H. P. Eanes. 1,463,462; July 31.
Doffing and donning mechanism. W. W. Miller. 1,463,479; July 31.
Doffing apparatus. E. R. Alderman. Re15,604; May 15.
Dog, Portable. J. E. Auclair. 1,442,991; Jan. 23.
Doily, centerpiece, scarf, or similar article. L. Dinkelspiel. Des. 63,459; Dec. 11.
Doll. L. Boatright. Des. 62,189; Apr. 10.
Doll. M. Browne. Des. 61,050; Feb. 20.
Doll. K. S. Brydone-Jack. 1,442,248; Jan. 16.
Doll. M. Coligny. Des. 63,358; Nov. 27.
Doll. H. Conover. 1,468,281; Sept. 18.
Doll. C. Davile. Des. 63,360; Nov. 27.
Doll. C. E. Gibson. Des. 63,077; Oct. 2.
Doll. T. Harwick. Des. 62,947; Aug. 28.
Doll. L. H. Hosick. Des. 61,977; Feb. 20.
Doll. V. C. Hussey. Des. 61,980; Feb. 20.
Doll. M. E. Johannes. Des. 61,874; Feb. 6.
Doll. W. S. Kaiser. Des. 62,330; May 8.
Doll. B. Kelly and G. E. Long. Des. 62,400; May 22.
Doll. V. M. Kieffer. Des. 63,467; Dec. 11.
Doll. F. O. King. Des. 62,016; Feb. 27.
Doll. A. D. Langdon. Des. 63,563–4; Dec. 18.
Doll. H. C. Lange. Des. 62,489; June 12.
Doll. R. A. Le Grand. Des. 62,492; June 12.
Doll. D. W. Littlefield. Des. 61,785; Jan. 9.
Doll. G. T. McCann. Des. 62,223; Apr. 17.
Doll. L. McChesney. Des. 62,913; Aug. 21.
Doll. E. McCowan. Des. 62,433; May 29.
Doll. M. L. Phinney. Des. 62,410; May 22.
Doll. R. Riley. Des. 62,265; Apr. 24.
Doll. H. M. Robinson. Des. 62,745; July 24.
Doll. C. J. Ross. Des. 62,920; Aug. 21.
Doll. L. N. Sanger. Des. 63,589; Dec. 18.
Doll. H. Silberfeld. Des. 62,345; May 8.
Doll. K. F. Sischo. Des. 62,923; Aug. 21.
Doll. J. G. Stokes. Des. 62,151; Mar. 27.
Doll. D. Straiton. Des. 62,749; July 24.
Doll. D. Straiton. Des. 63,594; Dec. 18.
Doll. J. A. Street and E. F. Wantland. 1,445,368; Feb. 13.
Doll. M. C. Tebbetts. Des. 61,939; Feb. 13.
Doll. B. Tremblatt. Des. 63,667; Dec. 25.
Doll. L. A. Wallis. Des. 63,344; Nov. 20.
Doll. M. S. Wingert. Des. 62,296; May 1.
Doll. D. Zappia. Des. 62,809; July 31.
Doll. G. R. Zimmerman. Des. 62,766; July 24.
Doll and pin cushion, Combination. P. Le Doux. Des. 62,291; May 1.
Doll, Dancing. A. D. Converse. 1,475,222; Nov. 27.
Doll, Dancing. R. Gaule. 1,475,064; Nov. 20.
Doll, Dressed. E. A. Lochridge. Des. 62,332; May 8.
Doll, Floating. F. M. O'Connor. 1,442,900; Jan. 23.
Doll, Flower. C. Wood. Des. 62,808; July 31.
Doll, Headdress for a. A. Corenson. Des. 62,860; Aug. 7.
Doll, Jointed. C. Câbana. 1,456,422; May 22.
Doll, Mechanical. D. Zaiden. 1,452,134; Apr. 17.
Doll nursing-bottle cover, protector, and heat preserver, Combination rag-. S. F. Girr. 1,464,525; Aug. 14.
Doll or statuette. M. Case. Des. 63,072; Oct. 2.
Doll, Smoking. M. H. Slater. 1,475,034; Nov. 20.
Doll, statuette, or similar article. L. J. Partin. Des. 63,488; Dec. 11.
Doll, Stocking. M. A. Thomson. Des. 62,511; June 12.
Doll, Talking. S. Haskell. 1,449,601; Mar. 27.
Doll walker. R. W. Hendrix. 1,451,390; Apr. 10.
Dolls, Eye for. M. M. Buckler. 1,445,481; Feb. 13.
Doll's voice. E. Halpern. 1,459,053; June 19.
Dolls, Voice for. F. G. Schneider. 1,453,527; May 1.
Dolly jack. F. B. Gist and C. P. Martin. 1,461,481; July 10.
Dolly jack. L. J. McKone. 1,462,039; July 17.
Door. O. E. Gibson. 1,462,806; July 24.
Door. W. S. Hamm. 1,452,685; Apr. 24.
Door. M. A. Metzger. 1,447,394; Mar. 6.
Door. J. H. Miller. 1,444,848; Feb. 13.
Door. L. H. Nishkian. 1,476,097; Dec. 4.
Door. H. H. Pals. 1,455,967; May 22.
Door. H. T. Ripper. 1,473,320; Nov. 6.
Door. J. P. Storms. 1,469,542; Oct. 2.
Door. C. C. Tomkinson. 1,460,687; July 3.
Door. W. H. Voss. 1,473,131; Nov. 6.
Door-aligning device. J. Soss. 1,447,271; Mar. 6.
Door and brake control device. E. R. Fitch. 1,463,040; July 24.
Door and brake control equipment. C. C. Farmer. 1,471,116; Oct. 16.
Door and brake control mechanism. P. R. Forman. 1,445,012; Feb. 13.
Door and frame construction. E. Schmale. 1,473,978; Nov. 13.
Door and operating means therefor, Garage. G. B. Boughton. 1,447,060; Feb. 27.
Door and step structure, Combined. M. Khan. 1,456,132; May 22.
Door and tracks therefor, Sliding. E. J. G. Phillips. 1,462,302; July 17.
Door and window buck. J. H. Heue. 1,452,116; Apr. 17.
Door and window lock. H. J. Knopke. 1,445,959; Feb. 20.
Door and window stop. K. J. Knudsen. 1,471,852; Oct. 23.
Door attachment. A. Olson and A. Hast. 1,469,683; Oct. 2.
Door attachment, Fly-chasing screen-. H. Pilger. 1,460,826; July 3.
Doorbell. J. A. Baginley. 1,461,019; July 10.
Doorbell. V. Imparato. 1,478,391; Dec. 25.
Door bin. A. A. McIntyre. 1,453,472; May 1.
Door buffer. H. C. Maise. 1,453,364; May 1.
Door buffer. J. C. Ollard. 1,466,954; Sept. 4.
Door catch. S. Heberling. 1,442,879; Jan. 23.
Doorcheck. V. St. Cloud. 1,469,693; Oct. 2.
Door check. T. M. Day. 1,468,700; Sept. 25.
Doorcheck. J. O. Naslin. 1,459,238; June 19.
Doorcheck. A. Schmidt. 1,462,872; July 24.
Doorcheck. C. F. Silberman. 1,464,448; Aug. 7.
Door check and burglar alarm, Combined. W. T. Fairall. 1,467,363; Sept. 11.
Door check and closer. E. L. Leinbach. 1,442,892; Jan. 23.
Door check and closer. C. E. Lucke. 1,471,744; Oct. 23.
Doorcheck and the like. A. Jagmin. 1,476,159; Dec. 4.
Door check, Automatic. J. R. Pilson and L. Zoll. 1,478,758; Dec. 25.
Doorcheck, Reversible. B. Capra. 1,449,652; Mar. 27.
Door clamp. I. W. Cobb. 1,450,940; Apr. 10.
Door clip, Screen-. J. Heard. 1,463,119; July 24.
Door closer-. W. K. Henry. 1,475,581; Nov. 27.
Door closer. W. J. Kuhls. 1,446,707; Feb. 27
Door closer. R. S. Potter. 1,478,615; Dec. 25.
Door closer. L. Zimmerman. 1,446,407; Feb. 20.
Door closer and check. B. S. Bernhard. 1,478,376; Dec. 25.
Door closer and check. P. C. Richter. 1,447,630; Mar. 6.
Door closer, Automatic. L. D. West. 1,455,691; May 15.
Door closer, starter, and lock, Combined. A. E. Small. 1,450,234; Apr. 3.
Door closing and checking mechanism. B. S. Bernhard. 1,478,377; Dec. 25.
Door-closing device. J. Hauenstein. 1,462,544; July 24.
Door-closing device and lock. H. A. Benedict and E. M. Moller. 1,477,992; Dec. 18.
Door-closing mechanism. W. E. Huber. 1,475,015; Nov. 20.
Door construction. J. H. and L. G. Crist. 1,458,748; June 12.
Door construction. H. Moecker, jr., and T. Thompson. 1,455,595; May 15.
Door construction. N. Paine. 1,461,196; July 10.
Door construction. C. D. Vance and F. G. Bowman. 1,470,038; Oct. 9.
Door construction, Swinging and sliding. M. A. Brown. 1,472,457; Oct. 30.
Door-control apparatus, Emergency. A. Gottschalk. 1,476,711; Dec. 11.

Door-control device. J. H. Hockenberry. 1,478,856; Dec. 25.
Door-controlling means, Elevator-. R. W. Scott. 1,467,692; Sept. 11.
Door-controlling mechanism. P. D. Evans. 1,470,431; Oct. 9.
Door-core-assembling device. E. Satzger, sr. 1,460,503; July 3.
Door, Disappearing. H. A. Johnson and C. Maisey. 1,448,845; Mar. 20.
Door engine control. L. P. Hynes. 1,460,382; July 3.
Door fastener, Grain-. O. A. Kneeland. 1,454,240; May 8.
Door fastener. E. D. Gregory. 1,444,028; Feb. 6
Door fastener. L. N. Lyon. 1,471,177; Oct. 16.
Door fastener, Combination. A. Dobson. 1,469,719; Oct. 2.
Door fastener, Portable. W. T. Abbott 1,444,761; Feb. 6.
Door fastener, Sliding-. H. M. Van Alstyne. 1,460,991; July 3.
Door fastener, Sliding-. N. A. and L. H. Leist. 1,448,135; Mar. 13.
Door-fastening device. V. D. Testa. 1,472,698; Oct. 30.
Door, Flexible sliding. C. E. Holland. 1,448,218; Mar. 13.
Door forcing device Grain. W. H. McGann. Re15,729; Dec. 11.
Door, Furnace. F. W. Martin. 1,476,907; Dec. 11.
Door, Furnace. P. G. Wall. 1,459,808; June 26.
Door, Grain. J. R. Billings, jr. 1,450,792; Apr. 3.
Door, Grain. D. R. Cameron. 1,464,059; Aug. 7.
Door, Grain. W. C. Lang. 1,445,024; Feb. 13.
Door, Grain. J. J. Libby. 1,441,512; Jan. 9.
Door guard, Safety. A. J. Moglich. 1,467,057; Sept. 4.
Door hanger. G. Brandt. 1,443,521; Jan. 30.
Door hanger. I. W. Davis. 1,472,156; Oct. 30.
Door hanger. F. K. Fassett. 1,462,694; July 24.
Door hanger. E. E. Whaley. 1,458,015; June 5.
Door hanging and securing means. J. H. Stewart. 1,463,100; July 24.
Door, Hinged. T. Shipley. 1,474,496; Nov. 20.
Door holder. E. Franckaerts. 1,443,570; Jan. 30.
Door holder. J. R. Kiel. 1,443,265; Jan. 23.
Door holder. B. B. Walston. 1,460,047; June 26.
Door holder. W. G. Winans. 1,446,866; Feb. 27.
Door-holder device, Garage-. O. P. Overlien. 1,459,899; June 26.
Door interlocking switch, Safety. R. L. De Camp. 1,446,548; Feb. 27.
Door-knob alarm. C. L. Graef. 1,471,844; Oct. 23.
Doorknob and ringing device, Combination. E. B. Calderwood. 1,452,788; Apr. 24.
Door knocker. G. Cawthron. Des. 63,611; Dec. 25.
Door latch. T. J. Coo. 1,473,836; Nov. 13.
Door latch. S. B. Garner. 1,449,394; Mar. 27.
Door latch. W. Knight. 1,445,143; Feb. 13.
Door latch. R. W. Ludemann. 1,448,554; Mar. 13.
Door latch. R. G. Moore. 1,440,884; Jan. 2.
Door latch. R. G. Moore. 1,443,635; Jan. 30.
Door latch. R. G. Moore. 1,474,158; Nov. 13.
Door latch. E. T. Sherman. 1,450,188; Apr. 3.
Door latch and lock. H. A. Thexton. 1,453,556; May 1.
Door-latching means A. Kassler. 1,470,370; Oct. 9.
Door lock. D. Donald. 1,442,133; Jan. 16.
Door lock. J. E. Fisher. 1,444,499; Feb. 6.
Door lock. N. B. Hurd. 1,476,364; Dec. 4.
Door lock. N. B. Hurd. 1,455,251; May 15.
Door lock. W. Hüttemann. 1,447,852; Mar. 6.
Door lock. J. McArthur. 1,460,166; June 26.
Door lock. W. R. Schlage. 1,456,041; May 22.
Door lock. O. M. Schillinger. 1,449,061; Mar. 20.
Door lock. L. Scola. 1,460,609; July 3.
Door lock. E. G. Simpson. 1,458,597; June 12.
Door lock. S. R. Stevens. 1,455,677; May 15.
Door lock. A. Tonsager. 1,443,600; Jan. 30.
Door lock, Combination. C. H. Joy, jr., and L. J. Sauer. 1,450,087; Mar. 27.
Door lock, Elevator-. R. J. Harper, sr. 1,466,900; Sept. 4.
Door-lock keeper. F. Di Bella. 1,456,917; May 29.
Door locking and releasing mechanism. F. S. Gallagher. 1,458,330; June 12.
Door-locking mechanism. H. T. Anderson. 1,469,352; Oct. 2.
Door-locking mechanism for milk compartments. J. W. Heigh and F. J. Burch. 1,448,066; Mar. 13.
Door-locking system, Elevator-. W. H. Hartman. 1,446,794; Feb. 27.
Door, Metal. A. J. Engman. 1,477,213–14; Dec. 11.
Door, Metal. J. W. Orrock. 1,441,446; Jan. 9.
Door, Metal. E. W. Peterson. 1,466,550–1; Aug. 28.
Door, Metallic. E. J. Zahner. 1,471,020; Oct. 16.
Door opener and curtain carrier, Combined. H. Ambus. 1,464,400; Aug. 7.
Door opener, Automatic. F. E. Davis. 1,478,601; Dec. 25.
Door opener, Electric. F. C. Ernst. 1,471,455; Oct. 23.
Door opener, Garage-. A. A. Unruh. 1,457,642; June 5.
Door opening and closing mechanism, Automatic. L. T. Douvier. 1,447,411; Mar. 6.
Door-opening appliance. T. F. Coss. 1,463,647; July 31.
Door-opening mechanism. H. A. Adams. 1,453,778; May 1.
Door-opening mechanism, Hydraulic. C. L. Du Bois. 1,455,607; May 15.
Door operating and controlling means, Automatic. F. L. Swartz. 1,474,214; Nov. 13.
Door-operating device. J. E. W. Fogal. 1,453,550; May 1.
Door-operating device. G. H. Garrett. 1,443,736; Jan. 30.
Door-operating device. C. L. Marsh. 1,469,165; Sept. 25.
Door-operating device, Crane. F. W. Heisler. 1,457,907; June 5.
Door-operating mechanism. P. R. Forman. 1,447,512; Mar. 6.
Door-operating mechanism. P. R. Forman. 1,476,703; Dec. 11.
Door-operating mechanism. A. J. Gallant. 1,458,752; June 12.
Door-operating mechanism. P. H. Lacey. 1,441,229; Jan. 9.
Door-operating mechanism. J. F. O'Connor. 1,442,902; Jan. 23.
Door-operating mechanism. A. B. Stewart. 1,465,695; Aug. 21.
Door-operating mechanism. J. F. Streib. 1,455,310; May 15.
Door-operating mechanism. Garage-. H. F. Guth. 1,441,923; Jan. 9.
Door, Pier. L. McHarg. 1,454,125–6; May 8.
Doorpost and latching means therefor, Movable. R. H. Greegor. 1,476,297; Dec. 4.
Door-removing device, Grain-. W. Sundberg. 1,445,184; Feb. 13.
Door, Retort. L. P. Holloway. 1,465,906; Aug. 21.
Door, Safe and vault. C. A. Truan. 1,445,186; Feb. 13.
Door seam, Metallic. E. J. Zahner. 1,444,229; Feb. 6.
Door, Sectional. J. E. Ogden. 1,462,044; July 17.
Door, Self-opening garage. A. Fuerstenberg. 1,473,843; Nov. 13.
Door, Sidewalk. M. J. Ross and G. T. Atkinson. 1,457,274; May 29.
Door, Sidewalk. B. Schacht. 1,442,737; Jan. 16.
Door, Silo. J. H. Pearson. 1,442,699; Jan. 16.
Door, Sliding. O. J. Miller. 1,453,986; May 1.
Doorstep. J. W. McElroy. Des. 63,190; Oct. 30.
Doorstop. J. Davis. 1,475,172; Nov. 27.
Doorstop D. W. Emslie. 1,473,926; Nov. 13.
Door stop. L. R. Hage. 1,445,681; Feb. 20.
Door stop. G. F. Hight. 1,448,298; Mar. 13.
Door stop. D. Hindahl. 1,446,846; Feb. 27.
Door stop. A. Rodell. 1,455,550; May 15.
Doorstop. M. J. Sasgen. 1,473,833–4; Nov. 13.
Door stop. H. C. Williams. 1,471,299; Oct. 16.
Doorstop, Adjustable. G. T. Morris. 1,472,531; Oct. 30.
Door stop and holder. G. A. Englund. 1,467,782; Sept. 11.
Door stop and holder, Combined. W. C. Beacham. 1,456,114; May 22.
Doorstrip. A. L. Smith and T. F. Russell. 1,451,310; Apr. 10.
Door structure. J. Henry. 1,441,349; Jan. 9.
Door, Swinging and sliding. F. B. Townsend. 1,468,053; Sept. 18.
Door table clamp, Grain-. W. W. Jackson. 1,447,308; Mar. 6.
Door, Valet. G. H. Siedhoff. 1,472,251; Oct. 30.
Doorways, Means for preventing drafts in. U. Kawasaki. 1,459,508; June 19.
Door weather stripping. F. J. Kennard. 1,446,507; Feb. 27.
Door wicket. W. J. B. Miller. 1,472,663; Oct. 30.
Door, window, or the like. Screen. E. E. Miller. 1,445,534; Feb. 13.
Doors and the like, Catch for. W. G. Wilson. 1,469,979; Oct. 9.
Doors and windows, Operating and locking means for. H. C. Phillips. 1,477,075; Dec. 11.
Doors, Attachment for. G. E. Reed. 1,450,227; Apr. 3.
Doors, Attachment for screen. H. N. Burns. 1,476,487; Dec. 4.
Doors, Carrier for disappearing. R. R. Leeds. 1,450,729; Apr. 3.
Doors, Checkstrap for. W. P. Dorl. 1,459,949; June 26.
Doors, Device for opening and closing sliding. W. J. Dooley. 1,478,326; Dec. 18.
Doors, Holder for swinging. A. W. McCleeary. 1,469,800; Oct. 9.
Doors, Ladder hinge for silo. C. M. Puetz. 1,441,882; Jan. 9.
Doors, Locking attachment for. S. Ulrich. 1,477,731; Dec. 18.
Doors, Locking mechanism for. J. B. O'Connor. 1,449,187; Mar. 20.
Doors, Lower door guide for sliding and folding. R. R. Leeds. 1,444,349; Feb. 6.
Doors, Mechanism for locking and releasing mechanism for. C. F. Fitts. 1,444,375; Feb. 6.
Doors or gates, Means for automatically opening. G. N. Jivens. 1,463,079; July 24.
Doors, Reversible notifying device for office. G. A. Smith. 1,448,903; Mar. 20.
Doors, Safety mechanism for elevator. A. J. Jarnig. 1,467,247; Sept. 4.

Doors, Safety mechanism for power-operated. P. R. Forman. 1,475,482; Nov. 27.
Doors, Spring for. C. Montagna. 1,457,714; June 5.
Double boiler. J. R. Smith. 1,468,841; Sept. 25.
Double-end hook. J. Campbell. 1,464,027; Aug. 7.
Double-eyed guide. J. F. Madden. 1,454,061; May 8.
Doubler. H. G. McIlvried. 1,469,846; Oct. 9.
Doubling, twisting, and winding and such like machines. J. W. Morrison and T. W. Holt. 1,458,495; June 12.
Douche. C. E. Sims. 1,448,158; Mar. 13.
Douche apparatus and toilet attachment. M. Glines. 1,471,258; Oct. 16.
Douche can and indicator therefor. F. J. O'Rourke. 1,469,486; Oct. 2.
Douche or bedpan. O. M. A. Kowalsky. 1,445,836; Feb. 20.
Douche seat. R. A. Phillips. 1,478,794; Dec. 25.
Douche table. L. Gish. 1,464,420; Aug. 7.
Dough cutter. E. Moessner. 1,441,106; Jan. 2.
Dough cutter. F. C. Morris. 1 446,513; Feb. 27.
Dough, Device for treating pie. M. Pinkosh. 1,474,640; Nov. 20.
Dough divider. D. W. Smith and F. W. Church. 1,442,183; Jan. 16.
Dough-handling apparatus. A. Katzinger. 1,448,665; Mar. 13.
Dough, Machine for grating. P. W. Funck. 1,469,142; Sept. 25.
Dough mixer. I. A. Parry. 1,471,629; Oct. 23.
Dough-mixing machine. E. E. O'Connell. 1,456,564; May 29.
Dough-mixing machine. E. E. O'Connell. 1,465,917; Aug. 21.
Doughnut fryer. G. Leavitt. 1,449,948; Mar. 27.
Doughnut machine. C. A. Purdy. 1,458,197; June 12.
Doughnut-machine attachment. A. Schoel. 1,455,174; May 15.
Doughnut-making machine. F. C. Alumbaugh. 1,447,166; Mar. 6.
Doughnut-making machine. D. M. Luehrs. 1,448,669; Mar. 13.
Doughnuts or other bakery products, Machine for making. J. H. Schulz, and W. E. Krause. 1,444,041; Feb. 6.
Doughnuts or the like, Machine for cooking. F. R. Dunn. 1,440,663; Jan. 2.
Dough, Preparing. W. A. Darrah. 1,468,775; Sept. 25.
Dough-rounding-up machine. F. H. Van Houten. 1,461,076; July 10.
Dough-sheeting apparatus. F. M. Peters and W. H. Hungerford. 1,455,120; May 15.
Dowel fastening. T. F. Ferry. 1,476,501; Dec. 4.
Dowel pin. E. T. Kindt. 1,455,793; May 22.
Doweling machine. J. Littlefield. 1,454,751; May 8.
Dowels, tenons, etc., in mortises, Means for securing. L. J. Stone. 1,448,318; Mar. 13.
Downdraft furnace. A. R. Atteberry. 1,477,927; Dec. 18.
Downdraft furnace. G. A. MacKenzie. 1,469,600; Oct. 2.
Draft and buffing mechanism. V. Willoughby. 1,452,541; Apr. 24.
Draft apparatus, Automatic time-controlled. F. Herron. 1,476,753; Dec. 11.
Draft apparatus, Induced and forced. E. Prat. 1,473,870; Nov. 13.
Draft attachment. B. Limoseth. 1,451,620; Apr. 10.
Draft connection. A. S. Krotz. 1,475,956; Dec. 4.
Draft-controlling device. J. Elick. 1,461,606; July 10.
Draft-controlling device. F. T. Hope. 1,465,475; Aug. 21.
Draft coupling. J. Jung. 1,465,849; Aug. 21.
Draft coupling. A. M. McLamb. 1,472,368; Oct. 30.
Draft device, Induced-. L. Prat. 1,465,683; Aug. 21.
Draft device, Induced and suction. G. J. Prat. 1,470,187; Oct. 9.
Draft equalizer. R. E. Anderson. 1,450,781; Apr. 3.
Draft equalizer. C. H. Brockmann. 1,443,457; Jan. 30.
Draft equalizer. R. L. Noble. 1,453,886; May 1.
Draft equalizer. V. J. and A. T. Tichota. 1,457,472; June 5.
Draft evener. M. E. Leigh. 1,460,257; June 26.
Draft gauge. C. Bollinger. 1,443,785; Jan. 30.
Draft gauge. L. E. Jones and C. R. Wraith. 1,468,948; Sept. 25.
Draft gear for trailers. F. D. Burgess. 1,475,425; Nov. 27.
Draft hitch. B. F. Graves. 1,441,223; Jan. 9.
Draft hitch. W. B. Schiltz. 1,464,446; Aug. 7.
Draft lifting device, Power-operated. L. E. Roby. 1,476,728; Dec. 11.
Draft means. R. T. Ashley. 1,460,564; July 3.
Draft mechanism. G. G. Floyd. 1,446,555; Feb. 27.
Draft mechanism. H. L. Ingersoll. 1,447,178; Mar. 6.
Draft motor. J. Yates. 1,462,927; July 24.
Draft preventer. N. K. Caplan. 1,456,971; May 29.
Draft-regulating device. P. Thomsen. 1,462,499; July 24.
Draft regulator. C. H. Abbott. 1,460,634; July 3.
Draft regulator. V. B. Carr and S. H. Broshar. 1,463,671; July 31.
Draft regulator. F. C. Evans. 1,453,757; May 1.
Draft regulator. W. L. Keene. 1,469,158–9; Sept. 25.
Draft regulator and chimney cleaner. D. E. Raber. 1,450,451; Apr. 3.
Draft regulator, Automatic. G. H. Huston. 1,470,325; Oct. 9.
Draft regulator, Time-controlled. M. B. Fermanian. 1,453,929; May 1.
Draft rigging. D. S. Barrows. 1,474,224; Nov. 13.
Draft rigging. G. L. Harvey. 1,454,509; May 8.
Draft rigging. A. H. Weston. 1,474,987; Nov. 20.
Draft rigging. I. O. Wright. 1,457,278; May 29.
Draft rigging. I. O. Wright. 1,474,309; Nov. 13.
Draft rigging. I. O. Wright. 1,458,792; June 12.
Draft-rigging backstop. D. S. Barrows. 1,446,027–8; Feb. 20.
Draft-rigging backstop. D. S. Barrows. 1,458,742; June 12.
Draft rigging, Friction. G. B. Dorey. 1,456,974; May 29.
Draft rigging, Friction. J. F. O'Connor. 1,456,993; May 29.
Draft tube. V. Kaplan. 1,467,168; Sept. 4.
Draft yokes, Manufacturing. B. W. Kadel. 1,449,679; Mar. 27.
Drafting device. O. E. Noble. 1,460,497; July 3.
Drafting device, Tailor's. M. A. S. Delmonaco. 1,445,301; Feb. 13.
Drafting instrument. J. H. Blair. 1,447,612; Mar. 6.
Drafting instrument. C. F. Golden. 1,447,207; Mar. 6.
Drafting instrument. C. F. Golden. 1,460,482; July 3.
Drafting instrument. J. A. Kaminski. 1,461,530; July 10.
Drafting instrument. R. Ruffin, jr. 1,453,023; Apr. 24.
Drafting instrument, Means for retaining. B. B. Stubblefield. 1,445,460; Feb. 13.
Drafting instrument. C. P. L. Nilant. 1,459,792; June 26.
Drag. O. M. Blood. 1,473,457; Nov. 6.
Drag. P. J. Carlson. 1,448,789; Mar. 20.
Drag and grader, Road. B. Whittemore. 1,464,672; Aug. 14.
Drag and scraper, Road. E. B. Winters. 1,450,195; Apr. 3.
Drag attachment, Road. C. A. Dittrich. 1,441,971; Jan. 9.
Drag bush. D. T. Sharples. 1,443,967; Feb. 6.
Drag, Dirt-road. B. E. Blount. 1,440,717; Jan. 2.
Drag, Earth. E. A. Tucker. 1,472,949; Nov. 6.
Drag link. H. B. Garman. 1,458,331–2; June 12.
Drag link and making the same. J. W. White. 1,462,467; July 17.
Drag, Road. I. J. Glerum. 1,446,419; Feb. 20.
Drag, Road. H. H. Gosch. 1,460,321; June 26.
Drag, Road. G. H. Gunderson. 1,472,168; Oct. 30.
Drag, Road. W. H. Van Vickle. 1,459,122; June 19.
Drags, Drawbar for. V. H. Mark. 1,467,865; Sept. 11.
Drain and supply valve, Frostproof flush. J. M. Wright. 1,445,380; Feb. 13.
Drain, Bell-trap floor. H. H. Hysko. 1,469,790; Oct. 9.
Drain cleaner. C. Fritz. 1,453,454; May 1.
Drain, Floor. A. Hess and S. L. Marsh. 1,469,303; Oct. 2.
Drain, Gravity. M. W. Stapleton. 1,455,816; May 22.
Drain, Screened. T. C. Kunkel. 1,458,984; June 19.
Drain trap. W. J. W. Bruce. 1,453,743; May 1.
Drainage fitting. S. L. Marsh. 1,473,439; Nov. 6.
Drainage fitting for water-closets, etc., Adjustable. J. A. Bennett. Re15,595; May 8.
Drainer. P. P. Valboe. 1,441,187; Jan. 2.
Draining and siruping machine. A. K. Rarig. 1,449,247; Mar. 20.
Drains and the like, Trap for. C. M. Sylvester. 1,455,279; May 15.
Drainpipe plug. J. M. and W. H. Thompson. 1,446,223; Feb. 20.
Drainpipe trap. C. H. Gottsch. 1,450,956; Apr. 10.
Drapery hanger. G. U. Angevine. 1,451,754; Apr. 17.
Drapery hanger. R. B. Dwyer. 1,447,126; Feb. 27.
Drapery hanger. R. B. Dwyer. 1,478,820; Dec. 25.
Drapery holder, Sliding. J. J. Guider. 1,465,938; Aug. 28.
Drapery hook. J. W. McGhee. 1,475,306; Nov. 27.
Drapery support. F. A. Peters. 1,464,619; Aug. 14.
Drapery-supporting device. E. R. Falkenberg. 1,456,789; May 29.
Draw spike. T. C. Ekland. 1,476,698; Dec. 11.
Drawbar and coupling connection. O. Hebert. 1,448,487; Mar. 13.
Drawbar and yoke connection. J. R. Mitchell. 1,447,395; Mar. 6.
Drawbar carrier. H. E. Van Dorn. 1,468,766; Sept. 25.
Drawbar pocket. E. S. Beckette. 1,459,276; June 19.
Drawer. A. M. Benner. 1,453,121; Apr. 24.
Drawer and lock, Sliding. L. J. Diebold. 1,459,324; June 19.
Drawer and locking means therefor, Sliding. J. Heotes. 1,450,974; Apr. 10.
Drawer automatic cover placer. M. Dysthe. 1,443,352; Jan. 30.
Drawer pull. H. Heidland. 1,473,854; Nov. 13.
Drawer pull and label holder. A. C. Crimmel. 1,478,381; Dec. 25.
Drawers bloomers for women. W. Weiner. 1,462,564; July 24.
Drawhead. R. J. Stanfield. 1,447,049; Feb. 27.
Drawing and measuring device. W. F. Knox. 1,441,533; Jan. 9.
Drawing apparatus. A. F. L. W. Dargue. 1,464,973; Aug. 14.

Drawing apparatus. L. B. Hasbrouck and H. E. Van Ness. 1,440,993; Jan. 2.
Drawing apparatus. C. Müller. 1,441,939; Jan. 9.
Drawing board. S. E. Webster. 1,442,710; Jan. 16.
Drawing board, Collapsible. L. L. Oberwarth. 1,453,171; Apr. 24.
Drawing boards, Parallel attachment for. A. F. Linsner. 1,468,312; Sept. 18.
Drawing device. G. W. Dover and W. S. Glines. 1,447,768; Mar. 6.
Drawing frames, Top screw for gill-. G. T. Hemsley. 1,453,009; Apr. 24.
Drawing frames, Weighting device for. G. E. Albrecht. 1,449,929; Mar. 27.
Drawing implement. J. F. Elliott. 1,449,271; Mar. 20.
Drawing implement. K. D. Vosler. 1,461,335; July 10.
Drawing instrument. C. A. Green and H. F. Schuh. 1,466,712; Sept. 4.
Drawing instrument. G. J. Hood. 1,461,421; July 10.
Drawing instrument. B. L. Pierce. 1,440,625; Jan. 2.
Drawing instrument. L. Shepard. 1,469,192; Sept. 25.
Drawing mechanism. A. C. Butler. 1,448,191–2; Mar. 13.
Drawing or punching press. W. Klocke. 1,443,476; Jan. 30.
Drawing press. A. A. Byerlein. 1,459,905; June 26.
Drawing press. W. Klocke. 1,468,304; Sept. 18.
Drawing press and reversing mechanism for such presses and similar machines. C. R. Gabriel. 1,443,176; Jan. 23.
Drawing presses, Die for. R. S. Smith. 1,475,355; Nov. 27.
Drawing roll. P. A. Murphy. 1,457,453; June 5.
Drawing sheet and making same. H. Q. R. Crowder. 1,469,554; Oct. 2.
Drawing stand. H. C. Hinrichs. 1,457,889; June 5.
Drawing table. B. Meltzer. 1,443,998; Feb. 6.
Dredge. B. O. Godfrey. 1,461,240; July 10.
Dredge, Chain sand. R. Smith. 1,451,479; Apr. 10.
Dredge cutter. D. E. Hughes. 1,477,352; Dec. 11.
Dredger. A. O. Olden. 1,460,558; July 3.
Dredges, Floating discharge pipe for hydraulic. A. W. Robinson. 1,462,830; July 24.
Dredging bucket. H. Toussaint and H. Fluck. 1,478,622; Dec. 25.
Dredging machines, Delivery pipe for hydraulic. A. W. Robinson. 1,451,272; Apr. 10.
Dress. J. Miller and D. Macowsky. Des. 63,372; Nov. 27.
Dress form. I. M. Harris. 1,441,926; Jan. 9.
Dress form. R. H. Kramer. 1,447,866; Mar. 6.
Dress form, Adjustable. A. D. Bailey. 1,447,372; Mar. 6.
Dress form, Modeling. I. F. Koblinsky. 1,462,555; July 24.
Dress, Girl's. G. M. Stewart. Des. 62,540; June 19.
Dress guard and chair holder. I. J. Evin. 1,455,722; May 15.
Dress or garment form. J. C. Jankus. 1,469,653; Oct. 2.
Dress shield. A. M. Lassen. 1,475,018; Nov. 20.
Dress shield. S. H. Ogden. 1,478,907; Dec. 25.
Dresser and dressing table, Combination. S. Raun-Linde. 1,449,548; Mar. 27.
Dresser and table, Combined. W. L. Campbell. 1,448,788; Mar. 20.
Dresser, Vanity. W. M. Schmitt. Des. 63,661; Dec. 25.
Dressers, Holder for wheeled. W. D. Bartlett. 1,474,614; Nov. 20.
Dresses, Spot trimming for. E. Culotta. 1,462,594–5; July 24.
Dressing apparatus, Commutator-. W. H. Jordan. 1,472,365; Oct. 30.
Dressing table. T. B. Draper. 1,451,207; Apr. 10.
Drier: *See*—
Boot and shoe drier.
Clothes drier.
Corn drier.
Electric hair drier.
Film drier.
Fruit drier.
Hair drier.
Heat drier.
Laundry drier.
Leather drier.
Lumber drier.
Macaroni drier.
Photoprint drier.
Portable drier.
Rotary drier.
Tray drier.
Unit drier.
Drier. E. B. Ayres. 1,472,741; Oct. 30.
Drier. A. P. D. Belanger. 1,446,869; Feb. 27.
Drier. C. A. Bulkeley. 1,472,902; Nov. 6.
Drier. W. H. Collier and A. J. Vance. 1,447,836; Mar. 6.
Drier. A. C. Daman. 1,469,294; Oct. 2.
Drier. G. B. Damon. 1,447,929; Mar. 6.
Drier. A. Dworzak. 1,449,659; Mar. 27.
Drier. E. T. Goldthorpe. 1,450,917; Apr. 10.
Drier. A. C. Hall. 1,446,253; Feb. 20.
Drier. G. F. Hauserman. 1,474,258; Nov. 13.
Drier. A. G. Huhn. 1,467,038; Sept. 4.
Drier. J. Judelson. 1,449,609; Mar. 27.
Drier. S. Kalisz. 1,459,211; June 19.
Drier. P. R. Perkins. 1,474,940; Nov. 20.
Drier. W. E. Prindle. 1,459,254; June 19.
Drier. W. M. Schwartz and E. B. Ayres 1,451,589; Apr. 10.
Drier. J. H. Walsh. 1,448,887; Mar. 20.
Drier tank. J. J. Gage. 1,447,205–6; Mar. 6.
Driers, Circulation-regulating means for. F. G. Sargent. 1,476,424; Dec. 4.
Driers, Conveyer for. W. M. Schwartz and H. Bogaty. 1,456,340; May 22.
Driers, kilns, calcining furnaces, retorts, or the like, Stuffing box for rotary. H. Nielsen and B. Laing. 1,460,764; July 3.
Driers, Method of and apparatus for regulating. E. P. Heckel. 1,449,115; Mar. 20.
Driers, Revolving carriage for. F. C. Chapman. 1,458,393; June 12.
Drift and fish retarder. D. W. Keller. 1,455,210; May 15.
Drill: *See*—
Air drill.
Angle drill.
Boring drill.
Breast drill.
Cross-roller drill.
Electric combination drill.
Expansion drill.
Fluid-operated drill.
Grain drill.
Hammer drill.
Mine drill.
Pneumatic drill.
Portable drill.
Power drill.
Power-lift drill.
Rail drill.
Ratchet drill.
Rock drill.
Seed drill.
Spindle drill.
Tubular drill.
Twist drill.
Well drill.
Drill. H. P. Gerdil. 1,454,851; May 15.
Drill. J. F. Joy. 1,445,086; Feb. 13.
Drill. G. P. Lagemann. 1,453,878; May 1.
Drill. F. Mullin. 1,478,451; Dec. 25.
Drill. R. E. Overman. 1,468,509; Sept. 18.
Drill. W. F. Ross. 1,475,514; Nov. 27.
Drill. A. E. Simpson. 1,471,866; Oct. 23.
Drill. J. C. Stokes. 1,451,794; Apr. 17.
Drill. F. W. Thurston. 1,477,855; Dec. 18.
Drill. F. H. Valiton. 1,478,623–4; Dec. 25.
Drill. F. W. Zimmerman. 1,461,791; July 17.
Drill and tool holder, Combination. T. W. Adair. 1,454,611; May 8.
Drill and valve grinder, Combined. P. MacKenzie. 1,450,003; Mar. 27.
Drill attachment, Portable. H. W. Grau. 1,477,439; Dec. 11.
Drill bit. S. F. Bashara. 1,465,407; Aug. 21.
Drill bit. S. F. and J. F. Bashara. 1,476,481; Dec. 4.
Drill bit. S. F. and J. F. Bashara. 1,477,932; Dec. 18.
Drill bit. S. F. Bashara and C. Paggi. 1,477,931; Dec 18.
Drill bit. W. G. Christian. 1,444,305; Feb. 6
Drill bit. E. W. Shimin. 1,463,848; Aug. 7.
Drill bit. C. E. Wennen. 1,446,677; Feb .27.
Drill bit and collar therefor. J. P. Flournoy, jr. 1,450,845; Apr. 3.
Drill bit and core-taking device, Combination. S. F. Bashara. 1,477,933; Dec. 18.
Drill bit, Expansive. J. P. Miller. 1,448,762; Mar. 20.
Drill bit, Rotary. M. W. Carroll. 1,447,234; Mar. 6.
Drill bit, Rotary. R. O. Pickin. 1,471,526; Oct. 23.
Drill-bit swelling and dressing apparatus. H. A. Martin. 1,453,154; Apr. 24.
Drill bits, Apparatus for forging five-point rock-. J. Ditson. 1,475,939; Dec. 4.
Drill bits, Rotation sleeve for. W. Stephens. 1,465,008; Aug. 14.
Drill boxing. J. A. Hallander. 1,449,671; Mar. 27.
Drill chuck. C. B. Long. 1,471,271; Oct. 16.
Drill cutter, Rotary. H. W. Fletcher. 1,449,389; Mar. 27.
Drill device. F. A. Veith. 1,471,714; Oct. 23.
Drill for drilling wood wheels for hub flanges, Multiple. H. Flick and C. M. Buck. 1,453,931; May 1.
Drill head, Multiple. J. F. Buhr. 1,449,164; Mar. 20.
Drill hitch. F. M. Arnold. 1,446,608; Feb. 27.
Drill-holding magazine. W. Allward. 1,465,506; Aug. 21.
Drill jar. J. D. Gibbs. 1,448,112; Mar. 13.
Drill machine, Multiple-. J. McLellan. 1,452,920–1; Apr. 24.
Drill mounting. F. B. Spry. 1,472,694; Oct. 30.
Drill press. J. Eckhard. 1,441,668; Jan. 9.
Drill press, Automatic. C. E. Cox. 1,461,755; July 17.
Drill-press control. G. E. Hallenbeck. 1,466,128; Aug. 28.
Drill press, Radial. E. C. Mueller. 1,447,317; Mar. 6.
Drill presses, Hand feed for. O. A. Osmondson. 1,461,931; July 17.
Drill provided with a speed-changing device, Hand. V. G. Lutz. 1,474,679; Nov. 20.
Drill-rod tool. H. B. Weathersby and J. F. Bozeman. 1,466,319; Aug. 28.
Drill shank. J. J. Coffey. 1,457,499; June 5.
Drill shank and sleeve socket. A. A. Mulac. 1,471,702; Oct. 23.
Drill tables, Bushing retainer for rotary-. L. E. Zerbe. 1,475,360; Nov. 27.
Drilling anchoring device, Self-. J. H. Phillips. 1,449,625; Mar. 27.
Drilling and cutting, Apparatus for. J. N. Selvig. 1,478,068; Dec. 18.
Drilling apparatus. G. H. Gilman and P. A. Haines. 1,464,486; Aug. 7.
Drilling apparatus. J. W. Hughes. 1,474,036; Nov. 13.
Drilling apparatus. W. A. Smith. 1,443,099; Jan. 23. Sept. 4.

Drilling apparatus, Rock-. J. and R. G. Hanson. 1,450,208; Apr. 3.
Drilling apparatus, Rotary. L. H. Wellensiek. 1,448,172; Mar. 13.
Drilling bits and the like, Crane attachment for handling well-. B. F. Zeigler. 1,477,095; Dec. 11.
Drilling device. C. C. Codding. 1,459,823; June 26.
Drilling engine, Rock-. C. A. Hultquist. 1,477,353; Dec. 11.
Drilling machine. H. C. Brewster. 1,462,098; July 17.
Drilling machine. J. W. Brown, jr. 1,467,526; Sept. 11.
Drilling machine. H. J. Hjorth. 1,442,149; Jan. 16.
Drilling machine. B. Lippis. 1,471,904; Oct. 23.
Drilling machine. C. B. Long. 1,473,995; Nov. 13.
Drilling machine. L. A. Revor. 1,456,406; May 22.
Drilling machine. A. H. Trumbull. 1,450,121; Mar. 27.
Drilling machine. G. Zilocckl. 1,460,219; June 26.
Drilling-machine mounting. M. Smith. 1,468,087; Sept. 18.
Drilling machine, Multiple-. W. R. Fox and H. D. Corwin. 1,453,008; Apr. 24.
Drilling machine, Multiple-. E. S. Seavey. 1,465,591; Aug. 21.
Drilling machine, Oil-well-. H. C. Brewster. 1,449,581; Mar. 27.
Drilling machine, Portable. H. Colombelle. 1,459,195; June 19.
Drilling machine, Portable. C. L. and L. F. Ragot. 1,473,046; Nov. 6.
Drilling machine, Posthole-. D. A. Dasher. 1,441,834; Jan. 9.
Drilling machine, Radial. W. T. Sears. 1,466,761; Sept. 4.
Drilling machine, Stone-. A. E. Carlson. 1,453,620; May 1.
Drilling machines, Attachment for. J. F. Buhr. 1,475,982; Dec. 4.
Drilling machines, Clamping mechanism for radial. J. E. Larsh. 1,461,666; July 10.
Drilling machines, Control mechanism for well-. H. J. Lockhart. 1,452,244; Apr. 17.
Drilling machines, Shell cutter and drill for. P. Mueller. 1,441,994; Jan. 9.
Drilling operations, Draw work for standard and rotary. J. M. Kellerman. 1,450,743; Apr. 3.
Drilling rig. W. J. Jeffers. 1,476,402; Dec. 4.
Drilling rigs, Backout device for. W. L. Childs. 1,450,249; Apr. 3.
Drilling rigs, Tool-feeding means for. M. H. Magie. 1,442,230; Jan. 16.
Drilling rings, Bull-wheel structure for. R. R. Bloss. 1,477,237; Dec. 11.
Drilling tool. W. R. Howard. 1,461,037; July 10.
Drilling tool. B. F. Kelley. 1,442,669; Jan. 16.
Drilling tool. G. Samuel. 1,446,662; Feb. 27.
Drilling tool. H. L. Seeger. 1,456,153; May 22.
Drills, Adjustable arm for multiple-spindle. J. M. Rusnak. 1,464,542; Aug. 14.
Drills, Air-feed control for rock. L. C. Bayles. 1,452,140; Apr. 17.
Drills, Apparatus for grinding twist. A. Weidlich. 1,463,985; Aug. 7.
Drills, Drill-carrying arm for multiple-spindle E. W. Cleveland. 1,444,334; Feb. 6.
Drills, Lubricator for earth-boring. H. R. Hughes. 1,453,875; May 1.
Drills, Lug chuck for rock. C. C. Hansen. 1,451,363; Apr. 10.
Drills, Machine for hot-rolling twist. P. J. Hoenscheid. 1,443,953; Feb. 6.
Drills, Motor rotation for rock. F. M. Slater. 1,455,553; May 15.
Drills, Oiling device for rock. L. C. Bayles. 1,472,424; Oct. 30.
Drills, Power lift for grain. C. R. Davis. 1,463,612–13; July 31.
Drills, Reduction gearing for. I. A. Goodwin. 1,444,343; Feb. 6.
Drills, Rotation release for rock. C. C. Hansen. 1,452,154; Apr. 17.
Drink mixer. J. V. Carithers and H. J. Williamson. 1,453,128; Apr. 24.
Drink mixer. R. B. Gilchrist. 1,452,197; Apr. 17.
Drink mixer. R. B. Gilchrist. 1,465,629–35; Aug. 21.
Drink mixer. D. R. McKillican. 1,477,202; Dec. 11.
Drink mixer. E. Sas. 1,472,814; Nov. 6.
Drink mixer. E. Sas. 1,473,163; Nov. 6.
Drink mixer, Multiple-. B. Goldstein and G. L. McDonaugh. 1,441,416; Jan. 9.
Drinking cup. J. W. Lavigne. 1,453,015; Apr. 24.
Drinking cup. A. F. Saunders. Des. 62,420; May 22.
Drinking cup. H. Schnackenberg. 1,443,280; Jan. 23.
Drinking fountain. W. E. Munslow. 1,473,501; Nov. 6.
Drinking-fountain attachment, Sanitary-. L. V. Dieter. 1,445,496; Feb. 13.
Drinking fountain, Bubbling. J. E. Plew. 1,454,603; May 8.
Drinking fountain, Portable. G. R. Pratt. 1,453,725; May 1.
Drip cup. A. J. Wilkin. 1,456,045; May 22.
Drip-pan alarm. G. E. Altmann. 1,449,575; Mar. 27.
Drip-pan alarm. A. Wallace. 1,458,898; June 12.
Drip-pan alarm, Repeating. W. E. Denis. 1,464,752; Aug. 14.
Drip-pan signal. W. H. Morley. 1,458,663; June 12.
Drip-pan support and burner-box construction. A. Meadows. 1,468,738; Sept. 25.
Drive and coaster-brake construction. J. Baisi. 1,471,538; Oct. 23.
Drive, Continuous reversing. F. V. Widger. 1,471,509; Oct. 23.
Drive coupling. I. Fagerskog. 1,450,068; Mar. 27.
Drive, Elastic. C. A. Parsons and S. S. Cook. 1,442,092; Jan. 16.
Drive mechanism, Intermittent. H. D. Penney, C. E. Whiteman, and G. F. Russ. 1,459,796; June 26.
Drive mechanism, Multiple-speed. D. Iacobacci. 1,471,162; Oct. 16.
Drive wheels, Gearing for. R. P. Thompson. 1,468,410; Sept. 18.
Driven machines, Controller for. N. L. Mortensen. 1,477,840; Dec. 18.
Driving and driven elements, Reverse-movement control for. C. P. Cirac. 1,450,409; Apr. 3.
Driving and stopping mechanism. B. T. Leveque. 1,467,584; Sept. 11.
Driving apparatus. G. F. Woelfel. 1,472,110; Oct. 30.
Driving attachment. C. G. Rydeen. 1,445,241; Feb. 13.
Driving box, Wedgeless. A. S. Brandock. 1,452,235; Apr. 17.
Driving-box shoe hanger. L. Berg. 1,473,949; Nov. 13.
Driving connection. J. Robinson. 1,468,402; Sept. 18.
Driving element, Friction. W. S. Crandell. 1,455,389; May 15.
Driving light, War-zone. H. P. Gage. 1,471,842; Oct. 23.
Driving mechanism. S. H. Cowin. 1,444,952; Feb. 13.
Driving mechanism. J. Crossley. 1,445,006; Feb. 13.
Driving mechanism. W. J. Eichenberg. 1,445,614; Feb. 13.
Driving mechanism. E. Jaycox and M. Olds. 1,449,327; Mar. 20.
Driving mechanism. J. P. Lavoie. 1,468,413; Sept. 18.
Driving mechanism. O. O. Nygaard. 1,452,570; Apr. 24.
Driving mechanism. D. C. Stoppenback. 1,464,684; Aug. 14.
Driving mechanism. W. Webber. 1,464,736; Aug. 14.
Droplight support, Adjustable. G. W. Anderson. 1,452,950; Apr. 24.
Droplights, Winding device for. C. V. Johnson. 1,445,217; Feb. 13.
Dropper: *See*—
Color dropper. Liquid dropper.
Ether dropper. Medicine dropper.
Dropping machine. R. E. and R. E. Wilson. 1,462,185; July 17.
Drum. W. Christian. 1,451,289; Apr. 10.
Drum and cymbal beater, Bass. L. A. Mueller. 1,445,639; Feb. 20.
Drum and cymbal beater, Bass. C. H. Strupe. 1,445,650; Feb. 20.
Drum and trap combination. U. G. Leedy. 1,456,242; May 22.
Drum brake. R., R. J., and A. E. Stephens. 1,467,514; Sept. 11.
Drum, Centrifugal. A. Schmücking. 1,475,323; Nov. 27.
Drum controller. B. Hunter. 1,460,546; July 3.
Drum cover, Gasoline-. G. Dyer. 1,448,796; Mar. 20.
Drum, Mud. J. G. Whitlatch and O. R. Williamson. 1,463,277; July 31.
Drum or screen drive and supporting means. W. Ferris. 1,476,702; Dec. 11.
Drum, Reversible. A. H. Skaer, T. E. Barker, and O. E. Clark. 1,458,554; June 12.
Drum root cutter with a horizontal axis. A. Maguin. 1,452,124; Apr. 17.
Drum, Snare. W. E. Soderberg. 1,442,833; Jan. 23.
Drum stick, Snare-. U. G. Leedy. 1,472,397; Oct. 30.
Drums and the like made of multiply material and making the same, Wall for. H. W. Hall. 1,465,215; Aug. 14.
Drums, Brake mechanism for winding. W. E. Hale. 1,447,778; Mar. 6.
Drums, Foot-control snare control for snare. U. G. Leedy. 1,458,905; June 12.
Drums, Method and apparatus for shaping and trimming brake. H. W. Kranz. 1,457,579; June 5.
Drums or cylinders, Device for manipulating. M. E. Daly and E. I. Cutter. 1,440,911; Jan. 2.
Drums, Tension rod for. J. A. Meyer. 1,443,191; Jan. 23.
Drums, Safety device for gas. W. J. Traxel. 1,464,226; Aug. 7.
Dry-battery machine. L. A. Freedman. 1,440,668; Jan. 2.
Dry-cell battery, Renewable primary. W. S. Doe. 1,464,413; Aug. 7.
Dry-cell primary battery. W. S. Doe. 1,467,240; Sept. 4.
Dry materials, Apparatus for mixing. T. O. Partridge. 1,456,858; May 29.
Dry pan. D. Brown. 1,476,143; Dec. 4.
Drying and conditional materials, Method of and apparatus for. W. H. Carrier. 1,467,306; Sept. 11.
Drying and treating material, Process of and apparatus for. P. W. Webster. 1,472,314; Oct. 30.
Drying apparatus. D. S. Baker. 1,465,071; Aug. 14.
Drying apparatus. H. Bentz. 1,462,025; July 17.
Drying apparatus. H. Haas. 1,470,919; Oct. 16.
Drying apparatus. J. F. Hughes. 1,461,148; July 10.
Drying apparatus. T. C. Lazier. 1,464,325; Aug. 7.

Drying apparatus. E. P. Lindahl. 1,445,093; Feb. 13.
Drying apparatus. J. W. Pearson. 1,461,224; July 10.
Drying apparatus. W. H. Perry. 1,446,580; Feb. 27.
Drying apparatus. O. C. Reeves. 1,459,929; June 26.
Drying apparatus. O. Zimmermann. 1,467,219; Sept. 4.
Drying apparatus, Electrical. J. W. Small. 1,455,034; May 15.
Drying apparatus, Magnetic. W. D. Phillips. 1,453,022; Apr. 24.
Drying apparatus, Radiator for. C. Rees and C. F. Hine. 1,466,383; Aug. 28.
Drying appliance. H. J. Bosch. 1,455,238; May 15.
Drying board, Skin-. E. B. Ayres. 1,450,782; Apr. 3.
Drying device, Glove-. C. L. Gowan. 1,450,033; Mar. 27.
Drying cabinet. C. L. M. Petersen. 1,456,711; May 29.
Drying form. L. W. Reeps. 1,464,539; Aug. 14.
Drying former and socket member therefor. C. H. Vail. 1,454,776; May 8.
Drying forms, Length-determining device for. G. O. Morton. 1,471,501; Oct. 23.
Drying frame. H. H. Litchfield. 1,460,260; June 26.
Drying kiln. A. R. Duff. 1,446,844; Feb. 27.
Drying kiln. E. E. Perkins. 1,452,928; Apr. 24.
Drying machine. T. Allsop and W. W. Sibson. 1,467,260; Sept. 4.
Drying machine. G. W. Hedstrom. 1,472,417; Oct. 30.
Drying machine. G. Ianieri. 1,459,912; June 26.
Drying machine. B. A. Parkes. 1,471,803; Oct. 23.
Drying machine, Carpet-. T. Allsop and W. W. Sibson. 1,455,755; May 15.
Drying machine for worsted tops, yarn, etc. H. G. and A. Ashworth. 1,442,419; Jan. 16.
Drying machines, Bearing for the cylinders of. W. Mycock. 1,478,905; Dec. 25.
Drying machines, Sectional conveyer for. F. L. Furbush. 1,448,838; Mar. 20.
Drying material, Apparatus for. O. Pfeiffer. 1,462,621; July 24.
Drying materials, Art of and apparatus for. J. H. Walsh. 1,470,306; Oct. 9.
Drying medium, Apparatus for supplying a. C. E. Bradley and J. G. Coffin. 1,466,443; Aug. 28.
Drying or desiccating apparatus. J. Schneible. 1,442,179; Jan. 16.
Drying or otherwise treating material, Apparatus for and method of. F. T. Dow. 1,459,326; June 19.
Drying rack. G. W. and S. B. Page. 1,442,090; Jan. 16.
Drying support for articles. L. McCaleb. 1,457,444; June 5.
Dryroom tumbler. V. E. Adland and L. H. Kamper. 1,453,260; May 1.
Duck, Decoy. C. H. Godward. 1,444,342; Feb. 6.
Dumb-bell and adjustable spring grip, Combination. W. Whittaker. 1,444,819; Feb. 13.
Dumb-waiter lock. S. J. Hoff. 1,460,417; July 3.
Dumb-waiter lock. J. E. Phillips. 1,470,541; Oct. 9.
Dumb-waiter signal. W. Misiak. 1,470,466; Oct. 9.
Dump. Automatic rotary. E. Ramsay. 1,447,428; Mar. 6.
Dump body. H. H. Hill. 1,468,294; Sept. 18.
Dump body. A. B. McKinley. 1,462,814; July 24.
Dump body. E. C. and E. S. Wills. 1,459,385; June 19.
Dump body. J. G. Winsor. 1,463,185; July 31.
Dump, Oscillatory. D. F. Lepley. 1,456,388; May 22.
Dump, Rotary. E. Ramsay. 1,447,427; Mar. 6.
Dump, Vehicle. C. L. Aygarn. 1,442,847; Jan. 23.
Dumping apparatus. G. A. Curlee. 1,455,602; May 15.
Dumping apparatus. R. M. Malone. 1,443,493; Jan. 30.
Dumping bodies, Controlling means for. J. H. Hutchinson. 1,467,164; Sept. 4.
Dumping body. W. H. Mahlow. 1,462,417; July 17.
Dumping body. M. L. Trimmer. 1,443,294; Jan. 23.
Dumping body, Rocker. W. C. Anthony. Re15,690; Sept. 25.
Duplicating and like printing machine. W. Chipperfield. 1,468,457; Sept. 18.
Duplicating machine. W. Chipperfield. 1,451,142; Apr. 10.
Duplicating means. H. B. A. Evershed. 1,460,058; June 26.
Duplicating roll. F. C. Gottschalk. 1,475,263; Nov. 27.
Duplicator. O. Hidalgo. 1,444,609; Feb. 6.
Duplicator. G. R. Sculthorp. 1,465,616; Aug. 21.
Dust-bag connecter. W. J. Wise and T. O. Adams. 1,443,449; Jan. 30.
Dust cap. A. L. Freedlander. 1,473,032; Nov. 6.
Dust cap, Quickly-removable. W. C. Iftiger. 1,442,768; Jan. 16.
Dust-cap spring. J. A. Bowden. 1,469,880; Oct. 9.
Dust caps, Spring insert for. J. A. Bowden. 1,469,882; Oct. 9.
Dust caps, Spring means for. J. A. Bowden. 1,469,881; Oct. 9.
Dust catcher. E. W. Brown. 1,448,430; Mar. 13.
Dust catchers, Screen for. G. W. Vreeland. 1,474,921; Nov. 20.
Dust cloths and the like, Cleaning fluid for impregnating. F. A. Wright. 1,461,170; July 10.
Dust-collecting device. H. H. Eaton. 1,473,613; Nov. 13.
Dust collector. J. W. Bosshart and E. W. Mackison. 1,459,610; June 19.
Dust collector. H. P. Holden. 1,466,167; Aug. 28.
Dust collector. A. J. Wilharm. 1,459,008; June 19.
Dust collecting and separating system and apparatus E. H. Stroud. 1,454,492; May 8.
Dust conveyer and ash sifter, Combined. H. S. Schmidt 1,455,669; May 15.
Dust-excluding device for shelving. A. M. Wolts. 1,460,089; June 26.
Dustguard for drag links. H. B. Garman. 1,473,931; Nov. 13.
Dust trap, Cascade. W. B. Prouty. 1,446,272; Feb. 20.
Duster, Cotton. O. P. Hobbs and P. A. and H. F. Flanigan. 1,476,889; Dec. 11.
Duster, Cone. C. P. R. Thiel. 1,459,938; June 26.
Dusting machine. L. Willis and O. F. Woodworth. 1,444,648; Feb 6.
Dusting machine, Crop-. C. G. Allgrunn. 1,455,561; May 15.
Dusting machine, Dry-. A. C. Sargent. 1,445,849; Feb. 20.
Dustless carrier. F. K. Bartholomew and J. A. Ramage. 1,477,930; Dec. 18.
Dustpan. G. W. Lewis. 1,461,624; July 10.
Dustpan. H. Mock. 1,466,454; Aug. 28.
Dustproof and mothproof bag. G. Rottman. 1,461,049; July 10.
Dye and making the same. G. S. Bohart. 1,464,802; Aug. 14.
Dye, Blue sulphur. W. A. Manss. 1,471,854; Oct. 23.
Dye, Indigoid vat. W. Bauer. 1,466,687; Sept. 4.
Dye, Production of triphenylmethane. D. W. Bissell 1,478,015; Dec. 18.
Dye sticks, Snubbing device for. D. M. Giles. 1,476,296; Dec. 4.
Dye, Sulphur. E. Kramer and L. Zeh. 1,449,681; Mar. 27.
Dye, Vat. D. G. Rogers and H. T. Stowell. 1,478,061; Dec. 18.
Dyeing. G. S. Bohart. 1,464,803; Aug. 14.
Dyeing. B. C. Leonardi. 1,457,581; June 5.
Dyeing and otherwise treating yarn with fluids, Rotary perforated beam apparatus for. R. S. Heap. 1,471,658; Oct. 23.
Dyeing and printing textile materials and in general for pigmentation of various substrata and manufacturing the same, Product for. M. Bader and C. Sunder. 1,448,251; Mar. 13.
Dyeing animal or mixed fibers. P. Ounertz and A. Peters. 1,441,240; Jan. 9.
Dyeing cellulose acetate. E. P. Sisley. 1,440,501; Jan. 2.
Dyeing cellulose acetate or products made therewith. R. Clavel. 1,448,432; Mar. 13.
Dyeing, Clamp for producing mottled skein. H. Epstein. 1,461,822; July 17.
Dyeing furs, hairs, and the like, Preparation for. P. Onnertz. 1,453,021; Apr. 24.
Dyeing furs, skins, hairs, feathers, or the like. P. Onnertz. 1,466,747; Sept. 4.
Dyeing, Indigo. E. T. Garsed. 1,449,981; Mar. 27.
Dyeing machine. F. C. W. Stelter. 1,452,129; Apr. 17.
Dyeing machine. P. A. Wagner. 1,441,898; Jan. 9.
Dyeing machines, Yarn-stick-supporting member for. J. H. and D. M. Giles. 1,455,247; May 15.
Dyeing or coloring wood and like fibrous material under pressure. J. T. Bouwman. 1,447,528; Mar. 6.
Dyeing, Process and machine for continuous. H. Metcalfe. 1,457,741; June 5.
Dyeing, Production of shot effects, not to be stained in piece. R. Haynn. 1,451,299; Apr. 10.
Dyeing skins, hairs, and the like. O. Kaltwasser and L. Kirberger. 1,460,758; July 3.
Dyeing textiles. H. E. Van Ness. 1,456,344; May 22.
Dyes, Disazo. A. W. Joyce. 1,472,334; Oct. 30.
Dyes of benzene-naphthalene-acridine series and their manufacture. H. Grünhagen. 1,455,488; May 15.
Dyes of the acridine series and process for their manufacture. H. Grünhagen. 1,455,487; May 15.
Dyes of the acridine series and their manufacture. H. Grünhagen. 1,455,486; May 15.
Dyes, Triarylmethane. L. P. Kyrides. 1,478,039; Dec. 18.
Dyestuff prepared from orthoxylylaldehyde. A. E. Craver. 1,470,554–5; Oct. 9.
Dyestuff, Yellow vat. G. Kalischer, J. Müller, and D. Nissen. 1,440,833; Jan. 2.
Dyestuffs. M. P. Schmidt, and H. Roese. 1,444,277; Feb. 6.
Dyestuffs and lakes derivable therefrom, Compound of monazo. A. Linz. 1,445,331; Feb. 13.
Dyestuffs and making same, Azo. A. L. Laska and A. Zitscher. 1,457,114; May 29.
Dyestuffs and making same, Black azo. A. L. Laska and A. Zitscher. 1,452,083; Apr. 17.
Dyestuffs and making same, Indigoidic. H. Staudinger, H. Veraguth, and R. Tobler. 1,461,435; July 10.
Dyestuffs and making same, Intermediate product for the manufacture of. G. de Montmollin, J., Spieler, and G. Bonhôte. 1,453,659; May 1.
Dyestuffs and manufacture of same, Azo. G. de Montmollin, G. Bonhôte, and J. Spieler. 1,453,660; May 1.
Dyestuffs containing sulphur and dyeing vegetable fibers without a mordant and making same. R. Herz and H. Balhorn. 1,452,805; Apr. 24.
Dyestuffs, Manufacture of chromed. F. Straub. 1,440,566; Jan. 2.

Dyestuffs of the triarylmethane series and making same. G. de Montmollin, J. Spieler, and G. Bonhôte. 1,460,315; June 26.
Dyestuffs, Preparation of. K. Dziewonski. 1,471,150; Oct. 16.
Dyestuffs, Production of vat. L. C. Daniels. 1,464,598; Aug. 14.
Dyestuffs, Production of vat. L. C. Daniels and W. S. Lawrence. 1,478,027; Dec. 18.
Dynamite, Ammonia. C. A. Woodbury. 1,445,378; Feb. 13.
Dynamite punch. R. M. Fuzzard. 1,465,300; Aug. 21.
Dynamite, Smokeless-powder. L. H. Jones. 1,447,248; Mar. 6.
Dynamo driven by wheel axles. E. Dick. 1,461,181; July 10.
Dynamo-driving means. W. F. Bouché. 1,454,035; May 8.
Dynamo electric machine. C. O. Bergstrom and P. de Clamecy. 1,449,577; Mar. 27.
Dynamo-electric machine. A. H. Neuland. 1,461,542; July 10.
Dynamo-electric machine. F. P. Whitaker. 1,464,123; Aug. 7.
Dynamo-electric machines, Commutating means for. F. T. Hague and O. Needham. 1,447,163; Feb. 27.
Dynamo-electric machines, Flash guard for. M. W. Smith. 1,448,419; Mar. 13.
Dynamo-electric stator. T. Schou and R. L. Behrens. 1,477,773; Dec. 18.
Dynamo frame and forming same. J. Burke. 1,452,143; Apr. 17.
Dynamo, Inherently-regulated direct-current. H. Charlet. 1,462,226; July 17.
Dynamometer. H. O. Hem. 1,453,354; May 1.
Dynamometer. H. B. Pieper. 1,476,919; Dec. 11.
Dynamometer. G. H. Walker. 1,462,778; July 24.
Dynamometer-control apparatus. L. R. Bogardus. 1,477,474; Dec. 11.
Dynamometer for determining the modulus of elasticity. D. Guelbaum. 1,443,877; Jan. 30.
Dynamos and the like and making such collectors, Collector for. O. Fischer. 1,441,569; Jan. 9.
Dynamos, Apparatus for regulating the voltage of. A. J. Jullin. 1,468,024; Sept. 18.
Dynamos, Controlling and regulating system for. W. J. Rickets. 1,475,880; Nov. 27.
Dynamos, Voltage-controlling device for. G. C. Hubble. 1,452,688; Apr. 24.
Dynamotor, Inherently-regulated. J. A. Holifield. 1,468,157; Sept. 18.
Ear and nail cleaner. J. Zajicek, jr. 1,468,894; Sept. 25.
Eardrum. A. O. Leonard. 1,446,257; Feb. 20.
Ear manipulator. F. A. Schultz. 1,450,612; Apr. 3.
Ear protector. E. Camp and A. F. Schatzel. 1,468,556; Sept. 18.
Earring. E. P. Danz. Des. 63,098; Oct. 2.
Earring. B. C. Lutkins. Des. 62,222; Apr. 17.
Ear-treating device. J. S. Kudla. 1,448,129; Mar. 13.
Earth and fertilizer, Apparatus for mixing and breaking up. N. J. Kemp. 1,464,621; Aug. 14.
Earth dams, Constructing the impervious element of. C. O. Tappan. 1,441,308; Jan. 9.
Earthenware articles and product thereof, Process and mold for forming. C. J. Kirk and G. Brain. 1,449,762; Mar. 27.
Earth loader. E. B. Winters. 1,452,330; Apr. 17.
Earthworking device. W. Turner. 1,456,860; May 29.
Earthworking machine. J. S. Reynolds. 1,475,879; Nov. 27.
Easel. H. F. Jackson. 1,476,891; Dec. 11.
Easel. H. Palais. 1,476,216; Dec. 4.
Easel. C. H. Schutz. 1,450,821; Apr. 3.
Easel, Collapsible silent-bidding auction. C. E. De Pew. 1,469,212; Oct. 2.
Easel, Display. G. A. Donaldson. 1,453,238; Apr. 24.
Easel, Lap. F. Reaugh. 1,476,545; Dec. 4.
Easel, Newspaper. A. Krol. 1,454,028; May 1.
Easel or individual separator. J. H. Smith. 1,443,806; Jan. 30
Ebullition, Means for maintaining. R. D. Mershon. 1,473,243; Nov. 6.
Eccentric. E. D. Richards. 1,477,521; Dec. 11.
Eccentric feeding mechanism. W. J. Guild. 1,454,472; May 8.
Eccentric hook. G. M. Anderson. 1,449,576; Mar. 27.
Eccentric hook. R. E. Anthony. 1,463,381; July 31.
Écraseur for the stomach and intestines. T. J. F. M. de Martel. 1,442,778; Jan. 16.
Edge-finishing machine. J. Fossa. 1,464,504; Aug. 14.
Edge setter and burnisher. L. J. Grace. 1,470,076; Oct. 9.
Edge-setting machine. F. B. Keall. 1,472,071; Oct. 30.
Edge-trimming machine. F. H. Perry. 1,442,175; Jan. 16.
Edge-welded structures, Manufacturer of. O. J. Parks. 1,448,416; Mar. 13.
Edging. C. O. Walliser. Des. 63,275; Nov. 13.
Edging implement. J. H. Cowan. 1,447,711; Mar. 6.
Edging machine. A. E. Maynard and W. A. Gunning. 1,470,995; Oct. 16.
Edging or border finish. J. M. Merrow. 1,462,372–3; July 17.
Edible product and making the same. W. H. Gesell. 1,475,574; Nov. 27.
Educational and amusement device. T. M. Degheri. 1,477,322; Dec. 11.
Educational and amusement device. J. and J. Donnianni. 1,469,919; Oct. 9.
Educational apparatus. J. S. Crate. 1,476,671; Dec. 4.
Educational appliance. J. H. Johnson. 1,470,845; Oct. 16.
Educational appliance. N. Y. Troidl. 1,450,395; Apr. 3.
Educational appliance. O. F. Vogt. 1,465,699; Aug. 21.
Educational appliance, Primary. H. Wood. 1,471,437; Oct. 23.
Educational block. L. Fritz. 1,477,255; Dec. 11.
Educational device. J. H. G. Boyle. 1,445,819; Feb. 20.
Educational device. H. G. Cress. 1,455,522; May 15.
Educational device. L. L. Gallup. 1,457,223; May 29.
Educational device. F. C. Smith. 1,446 941; Feb. 27.
Educational device. T. M. Smith. 1,457,468; June 5.
Egg beater. A. F. Anderson. 1,463,493; July 31.
Egg beater. A. Bevan. 1,461,962; July 17.
Egg beater. W. W. Crocker. 1,477,943; Dec. 18.
Egg beater. P. J. Diehl. 1,468,560; Sept. 18.
Egg beater. J. A. Green. 1,475,767; Nov. 27.
Egg beater. C. E. Jensen. 1,456,448; May 22.
Egg beater. C. E. Kail. 1,470,169–70; Oct. 9.
Egg beater. A. G. Steele. 1,467,205; Sept. 4.
Egg beater and cream remover, Combination. W. F. Lange. 1,453,761; May 1.
Egg beater and cream whip. L. Sauer. 1,470,882; Oct. 16.
Egg beater and mixer. A. W. Minney. 1,468,826; Sept. 25.
Egg-beater attachment or the like. E. W. Lively. 1,445,696; Feb. 20.
Egg boiler. R. J. Cavilla. 1,478,939; Dec. 25.
Egg candling and assembling device, Combined. W. G. Reagan. 1,472,673–4; Oct. 30.
Egg-candling apparatus. V. Clairemont. 1,473,279; Nov. 6.
Egg-candling device. P. Mueller. 1,454,685; May 8.
Egg carrier. W. M. Wire. 1,466,326; Aug. 28.
Egg carton. W. D. Oglesby. 1,465,231; Aug. 14.
Egg carton. A. Retzer. 1,454,252; May 8.
Egg case. A. V. Dell. 1,441,722; Jan. 9.
Egg case. F. S. McCullough. 1,471,311; Oct. 16.
Egg case. H. G. Stuemke. 1,461,587; July 10.
Egg case. E. P. Watson, sr. 1,450,124; Mar. 27.
Egg-case filler. A. B. Segur. 1,473,917; Nov. 13.
Egg-case filler. E. C. Webber. 1,444,992; Feb. 13.
Egg-case-filler-machine. H. Segur and E. H. Duddy. 1,475,247; Nov. 27.
Egg-case fillers, Machine for making. W. J. Mix. 1,448,934; Mar. 20.
Egg case, Foldable. L. H. Park. 1,465,145; Aug. 14.
Egg cases, Cushion for. L. Schwartzberg. 1,464,628; Aug. 14.
Egg cases, Division plate for. J. C. Voorhorst. 1,461,235; July 10.
Egg container. E. F. Reeves. 1,445,171; Feb. 13.
Egg crate. C. N. Bruhn. 1,470,215; Oct. 9.
Egg crate. N. Sandor. 1,461,099; July 10.
Egg-crate filler. E. C. Lorentzen. 1,442,280; Jan. 16.
Egg crate, Foldable. A. B. Webb. 1,470,898; Oct. 16.
Egg crate, Folding. C. Anspach. 1,468,936; Sept. 25.
Egg lifter. V. Beauregard. 1,464,967; Aug. 14.
Egg melange, Machine for homogeneously mixing and straining. I. H. Hall. 1,454,378; May 8.
Egg separator. I. H. Hall. 1,476,249; Dec. 4.
Egg separator. R. A. McCrone. 1,462,606; July 24.
Egg tray. R. Delarmi. Des. 63,253; Nov. 13.
Egg tray. F. E. Hilt. 1,450,368; Apr. 3.
Egg-treating machine. C. C. Shafer. 1,475,248; Nov. 27.
Egg turner. C. H. Bishop. 1,478,201; Dec. 18.
Egg turner. W. M. Grant. 1,445,582; Feb. 13.
Egg turner. A. L. Johnson. 1,448,594; Mar. 13.
Egg turner. J. Matheus and H. Scheddin. 1,473,792; Nov. 13.
Egg-turning tray. W. J. Musch. 1,475,856; Nov. 27.
Eggs and slicing fruits, Means for halving. M. Riker. 1,473,383; Nov. 6.
Eggs, Apparatus for storing. S. C. Cross. 1,469,897; Oct. 9.
Eggs, Preserving. R. Du Bois and H. I. Jones. 1,475,804; Nov. 27.
Ejector. B. L. Coutant. 1,458,523; June 12.
Ejector. R. N. Ehrhart. 1,443,315; Jan. 23.
Ejector. J. W. Grantland. 1,440,595; Jan. 2.
Ejector, Hot-well. H. F. Schmidt. 1,441,301; Jan. 9.
Ejector system. R. Suczek. 1,459,936; June 26.
Elastic fabric. V. Guinzburg. 1,462,279; July 17.
Elastic fabric. W. Handley. 1,473,427; Nov. 6.
Elastic Oldham coupling. F. Kratz. 1,463,396; July 31.
Elastic shaft connection. G. Lanzius. 1,459,223; June 19.
Elastic wheel. M. J. Arce. 1,447,291; Mar. 6.
Elastic wheel. P. Marchetti. 1,454,974; May 15.
Elastic wheel. C. Reuse. 1,457,396; June 5.
Elastic woven fabric. G. C. and T. F. Moore. 1,459,547; June 19.
Elastic woven fabric. G. C. and T. F. Moore. Des. 62,791; July 31.
Elbow cuff. S. D. Bowers. 1,452,998; Apr. 24.

Elbows, Method of and means for making adjustable. G. F. Hauf. 1,464,318; Aug. 7.
Electric accumulator. W. O. Garbutt. 1,441,792; Jan. 9.
Electric accumulator or storage battery. H. Leitner. 1,443,321–2; Jan. 23.
Electric accumulators, Stopper for closing the containers of. F. Van de Wiel. 1,459,121; June 19.
Electric alternating-current generator, Two-phase high-frequency. M. C. A. Latour. 1,449,863; Mar. 27.
Electric apparatus, Pole-carrying ring for. T. E. Murray, jr., and J. B. Murray. 1,445,640; Feb. 20.
Electric-appliance-receiving and meter-protecting box or casing. J. Sachs. 1,458,728; June 12.
Electric appliance, Switch-controlled. H. Hertzberg. 1,453,587; May 1.
Electric appliances, Actuator for. S. Morris. 1,446,652; Feb. 27.
Electric-arc welding, Apparatus for. R. S. Smith. 1,453,025–6; Apr. 24.
Electric-arc welding, Portable rheostat for. T. P. Him. 1,478,435; Dec. 25.
Electric battery. L. L. Jones. 1,469,015; Sept. 25.
Electric battery. W. R. Loveman. 1,462,795; July 24.
Electric battery. D. Pepper. 1,454,943; May 15.
Electric battery, Dry. L. Levaillant. 1,458,307; June 12.
Electric battery elements, Apparatus for making. H. G. Wagner. 1,476,782; Dec. 11.
Electric-boiler construction. F. T. Kaelin. 1,476,080; Dec. 4.
Electric brake. O. McCullough and D. E. Brown. 1,465,584; Aug. 21.
Electric bulbs and the like, Container for. A. Moore. 1,449,532; Mar. 27.
Electric bulbs, Safety lock for. J. W. Doward. 1,467,538; Sept. 11.
Electric cables, Means for and method of reducing capacity-current losses in. A. M. Taylor. 1,466,069; Aug. 28.
Electric-candle wall bracket. F. M. Poritz. Des. 62,868; Aug. 14.
Electric circuit arrangement for neutralizing capacity coupling, Method and. L. A. Hazeltine. 1,450,080; Mar. 27.
Electric-circuit breaker, Automatic. J. Clossmann and H. Halberstadt. 1,471,241; Oct. 16.
Electric-circuit-control mechanism, Automatic. F. J. Bonk and A. W. Stewart. 1,461,207; July 10.
Electric-circuit-control apparatus. H. A. Benedict and E. M. Moller. 1,467,748; Sept. 11.
Electric-circuit controller. S. C. Bryant. 1,453,089; Apr. 24.
Electric circuit, Device for electromagnetical quenching of light arcs appearing upon the interruption of an. L. Schön. 1,453,193; Apr. 24.
Electric circuit, Light-controlled means for opening and closing an. F. J. Fransson. 1,461,523; July 10.
Electric-circuit making and breaking device. C. W. Wyman. 1,441,193; Jan. 2.
Electric-circuit support. E. R. and C. R. Biggs. 1,466,925; Sept. 4.
Electric circuits, Connecting device for. S. M. Esler. 1,452,267; Apr. 17.
Electric circuits, Control of. L. M. Clement and A. W. Kishpaugh. 1,443,007; Jan. 23.
Electric circuits, Current-controlling means for. G. A. Anderegg. 1,442,460; Jan. 16.
Electric circuits, Device for replacing base wire and for indicating blown-out. P. Davies. 1,460,478; July 3.
Electric circuits, Device for testing. G. W. Welford, jr. 1,471,432; Oct. 23.
Electric circuits, Governor for. E. J. Tomlinson. 1,461,103; July 10.
Electric circuits, Regulation of. L. W. Thompson. 1,441,546; Jan. 9.
Electric coil. P. Gilinson. 1,450,362; Apr. 3.
Electric combination drill, Portable. H. Athenas. 1,475,153; Nov. 20.
Electric-conductor coupling. T. H. Fenn. 1,451,979; Apr. 17.
Electric-conductor-securing means. T. C. Russell. 1,467,119; Sept. 4.
Electric-conductor support. H. L. Hawkins. 1,465,731; Aug. 21.
Electric-conductor wires, Terminal for. J. A. Kulier. 1,471,173; Oct. 16.
Electric conductors, Clamp device for. T. Varney. 1,450,528; Apr. 3.
Electric conductors, Grip conduit for. M. W. Bosley. 1,444,057; Feb. 6.
Electric conductors, Manufacturing. R. Rüdenberg and A. Finchbein. 1,462,580; July 24.
Electric conductors, Support for. S. S. Matthes. 1,461,780; July 17.
Electric conductors, Terminal for. J. A. Kulier. 1,474,972; Nov. 20.
Electric conductors, Thimble for use in conjunction with. J. Gates. 1,475,627; Nov. 27.
Electric conduits. Cleat for. C. H. Wack. 1,452,993; Apr. 24.
Electric connector. E. A. Kuen. 1,469,186; Sept. 25.
Electric connector. J. Lofgren and A. R. Ayers. 1,450,002; Mar. 27.
Electric connector. J. A. McKay. 1,442,284; Jan. 16.
Electric construction, System of. A. T. Sampson. 1,452,169; Apr. 17.
Electric-contact-operating device. O. M. Leich. 1,468,789; Sept. 25.
Electric control mechanism. C. W. Wyman. 1,474,312; Nov. 13.
Electric control system. J. F. Newsom. 1,468,321; Sept. 18.
Electric control system. C. W. Wyman. 1,474,310; Nov. 13.
Electric controller. C. E. Ogden. 1,448,147; Mar. 13.
Electric controller. E. W. Seeger. 1,442,496; Jan. 16.
Electric controlling device. W. W. Drummond. 1,464,470; Aug. 7.
Electric-current-collector shoes, Support for. E. A. Davis. 1,450,141; Mar. 27.
Electric-current generator. J. A. Smith. 1,476,733; Dec. 11.
Electric current, Optical method for producing pulsating. W. W. Coblentz. 1,450,061; Mar. 27.
Electric currents, Apparatus for and method of controlling. G. W. Pierce. 1,450,749; Apr. 3.
Electric currents by and in accordance with light variations, Method of and means for controlling. L. de Forest. 1,466,701; Sept. 4.
Electric currents, Means for controlling and regulating. T. L. Vaughn, jr. 1,444,286; Feb. 6.
Electric currents of constant frequency, Maintaining. W. G. Cady. 1,472,583; Oct. 30.
Electric currents, Rectifier for. M. Morrison. 1,466,541; Aug. 28.
Electric currents, System and apparatus for generating and distributing. C. H. Tower. 1,466,635; Aug. 28.
Electric currents, System for generating and distributing. C. H. Tower. 1,461,234; July 10.
Electric currents, System of generating and distributing. L. J. Le Pontois. 1,466,307; Aug. 28.
Electric cut-out. S. M. and J. H. Carmean. 1,460,943; July 3.
Electric cut-out and the like. C. D. Platt. 1,454,186; May 8.
Electric cut-out, Thermal. R. H. Maple. Re15,562; Mar. 13.
Electric dehydrator. F. W. Harris. 1,455,139; May 15.
Electric device for treating air. E. R. Case. Re15,560; Mar. 13.
Electric devices, Automatic reel for. R. B. Boyle. 1,442,999; Jan. 23.
Electric devices, Seal for. G. M. J. Mackay. 1,456,110; May 22.
Electric discharge device. H. D. Arnold. 1,456,528; May 29.
Electric discharge device. W. A. Knoop and P. P. Cioffi. 1,456,505; May 29.
Electric discharge device, Vacuum. H. W. Edmundson and W. T. Munro. 1,450,413; Apr. 3.
Electric distribution system, Protective device for. A. S. Fitz Gerald. 1,468,441; Sept. 18.
Electric drive mechanism. G. E. Hampton. 1,456,550; May 29.
Electric drive mechanism. C. S. Weyandt. 1,473,167; Nov. 6.
Electric driving. P. P. Deutschmann. 1,476,059; Dec. 4.
Electric emergency lighting installation. P. Das. 1,459,283; June 19.
Electric energy into a space of action, Process and apparatus for introducing. G. T. Southgate. 1,443,439; Jan. 30.
Electric fitting. D. N. Thompson. 1,470,128; Oct. 9.
Electric fixture. M. L. Haas. Des 62,204; Apr. 10.
Electric-fixture canopy. M. J. Lubow. 1,471,494; Oct. 23.
Electric fixtures, Attachment device for. J. E. Watson. 1,453,860; May 1.
Electric fixtures, etc., Leaf ornament for. J. W. Schulze. Des. 62,344; May 8.
Electric flashing device. V. W. Balzer and J. M. Ballou. 1,446,780; Feb. 27.
Electric fountain. W. L. Haanel. 1,462,281; July 17.
Electric furnace. M. H. Bennett. 1,478,375; Dec. 25.
Electric furnace. W. F. Bleecker. 1,469,033; Sept. 25.
Electric furnace. C. A. Cadwell. 1,464,496; Aug. 14.
Electric furnace. C. H. Carpenter. 1,444,948; Feb. 13.
Electric furnace. O. A. Colby. 1,477,313; Dec. 11.
Electric furnace. F. A. J. Fitz Gerald. 1,443,816; Jan. 30.
Electric furnace. A. W. Gregg. 1,453,347; May 1.
Electric furnace. R. M. Keeney. 1,443,024; Jan. 23.
Electric furnace. E. F. Kiefer. 1,467,044; Sept. 4.
Electric furnace. C. L. Lee. 1,463,513; July 31.
Electric furnace. G. M. Little. 1,443,580; Jan. 30.
Electric furnace. D. De Luca. 1,442,925; Jan. 23.
Electric furnace. W. E. Moore, H. F. Alter, E. A. Hanff, J. R. Eckley, and F. Wright. 1,444,980; Feb. 13.
Electric furnace. T. A. Reid. 1,444,939; Feb. 13.
Electric furnace. T. A. Reid. 1,472,138–9; Oct. 30.
Electric furnace. T. A. Reid. 1,477,385; Dec. 11.
Electric furnace. M. de Roiboul. 1,470,195; Oct. 9.
Electric furnace. M. Sauvageon. 1,464,543; Aug. 14.
Electric furnace. E. L. Smalley. 1,459,801; June 26.
Electric furnace. L. Tagliaferri. 1,449,307; Mar. 20.
Electric furnace. I. R. Valentine. 1,457,718; June 5.

Electric-furnace apparatus and operating the same. J. A. Seede. 1,466,603; Aug. 28.
Electric furnace having resistor domes. G. H. Clamer and J. R. Wyatt. 1,444,584; Feb. 6.
Electric-furnace linings, Manufacture of. W. R. Clark. 1,461,862–3; July 17.
Electric-furnace regulator. J. A. Seede. 1,449,251; Mar. 20.
Electric-furnace resistor. G. M. Little. 1,456,891; May 29.
Electric furnace, Sectional. E. L. Smalley. 1,463,559; July 31.
Electric-furnace wall construction. G. M. Little. 1,456,893; May 29.
Electric-fuse holder. E. V. Gluck. 1,445,832; Feb .20.
Electric gauge. C. S. Kellum. 1,466,019; Aug. 28.
Electric generating groups. E. L. P. Colardeau. 1,458,806; June 12.
Electric generating system, Automatic. A. R. Van Horn. 1,470,948; Oct. 16.
Electric generator. J. Burke. 1,442,854; Jan. 23.
Electric generator. C. W. Dake. 1,476,394; Dec. 4.
Electric generator, Magneto-. E. B. Nowosielski. 1,477,843; Dec. 18.
Electric-generator-operating means. E. B. Nowosielski. 1,463,436; July 31.
Electric generators, Regulating system for. A. E. Doman. 1,468,006–7; Sept. 18.
Electric generators, Regulator for. E. J. Kohman. 1,472,873; Nov. 6.
Electric governing device. W. W. Dean. 1,441,407: Jan. 9.
Electric hand drill. H. P. Camp. 1,445,294; Feb. 13.
Electric heat device. T. C. Russell. 1,473,645; Nov. 13.
Electric heater. C. C. Abbott. 1,475,162; Nov. 27.
Electric heater. C. E. Barr. 1,467,667; Sept. 11.
Electric heater. J. A. Berninghaus. 1,466,111; Aug. 28.
Electric heater. F. W. De Luchi. 1,444,958; Feb. 13.
Electric heater M. D. Dominguez. 1,451,537; Apr. 10.
Electric heater. E. C. Donaldson. 1,543,832; May 1.
Electric heater. W. S. Hadaway, jr. 1,459,729; June 26.
Electric heater. W. S. Hadaway, jr. 1,468,106; Sept. 18.
Electric heater. I. L. Hadley. 1,455,287; May 15.
Electric heater. A. E. Hasselbach. 1,470,834; Oct. 16.
Electric heater. J. D. Haynsworth. 1,472,171; Oct. 30.
Electric heater. M. E. Householder. 1,449,406; Mar. 27.
Electric heater. F. Hnilo. 1,446,703; Feb. 27.
Electric heater. L. P. Hynes. 1,460,815; July 3.
Electric heater. L. P. Hynes. 1,464,280; Aug. 7.
Electric heater. A. de Khotinsky. 1,459,049; June 19.
Electric heater. J. Lavoie. 1,445,600; Feb. 13.
Electric heater. E. N. Lightfoot. 1,445,897; Feb. 20.
Electric heater. L. F. Lynn and J. D. Lewis. 1,444,621; Feb. 6.
Electric heater. H. Meredith-Jones. 1,440,402; Jan. 2.
Electric heater. C. H. W. Morrison. 1,456,141; May 22.
Electric heater. A. N. Otis. 1,471,913; Oct. 23.
Electric heater. A. Papini. 1,445,706; Feb. 20.
Electric heater. S. I. Phelps. 1,473,865; Nov. 13.
Electric heater. S. I. Phelps. 1,473,867; Nov. 13.
Electric heater. W. A. Rankin. 1,463,630; July 31.
Electric heater. E. H. Richardson. 1,462,380; July 17.
Electric heater. J. H. Ross. 1,447,043; Feb. 27.
Electric heater. J. L. Shroyer. 1,476,376; Dec. 4.
Electric heater. E. C. Strickland. 1,462,392; July 17.
Electric heater. E. Thomson. 1,472,504; Oct. 30.
Electric heater. R. Ullrich. 1,451,636; Apr. 10.
Electric heater. E. A. Umble. 1,447,107; Feb. 27.
Electric heater and its manufacture, Waterproof. L. P. Hynes. 1,459,829; June 26.
Electric heater, Collapsible. E. J. McCormack. 1,452,304; Apr. 17.
Electric heater, Combination. E. G. Eberhardt. 1,465,355; Aug. 21.
Electric heater for liquids. J. F. Mercer. 1,446,807; Feb. 27.
Electric heating appliance. C. A. Laise and A. J. Gallager. 1,474,483; Nov. 20.
Electric heating appliance. E. N. Lightfoot. 1,451,880; Apr. 17.
Electric heating appliance of the immersed-element type. W. Stubbs. 1,464,782; Aug. 14.
Electric heating device. W. C. Lindemann. 1,460,259; June 26.
Electric heating system. L. P. Hynes. 1,474,150; Nov. 13.
Electric immersion heater. M. C. Furstenau. 1,455,246; May 15.
Electric indicator for vibrations of the air. E. A. Sperry. 1,454,085; May 8.
Electric induction furnace. A. E. Greene. 1,455,748; May 15.
Electric installation, Conduit cap for. W. H. Vibber. 1,442,988; Jan. 23.
Electric installation, Safety box for. G. B. Wadsworth. Re15,718; Nov. 6.
Electric interlocking system. J. C. Lindner. 1,442,688: Jan. 16.
Electric iron. O. A. Colby. 1,475,751; Nov. 27.
Electric iron. H. S. Dodd. 1,477,326; Dec. 11.
Electric iron. A. Fleming. 1,449,278; Mar. 20.
Electric iron. J. Lewisky and A. Hedtrich. 1,467,181; Sept. 4.
Electric iron. Y. Moore. 1,472,762; Oct. 30.
Electric iron. J. M. Seche. 1,459,451; June 19.
Electric-iron cords, Attachment for. A. W. and S. H. Harrison. 1,478,955; Dec. 25.
Electric-iron cords, Slack-take-up device for. A. Carlson. 1,456,093; May 22.
Electric iron process. A. E. Greene. 1,449,094; Mar. 20.
Electric irons, Safety device for. W. C. Schultz. 1,468,418; Sept. 18.
Electric irons, Stand for. W. Hodgson. 1,468,296; Sept. 18.
Electric irons, Switch for. H. Benvie. 1,470,523; Oct. 9.
Electric jack. H. W. Moore and C. H. Schumacher. 1,451,048; Apr. 10.
Electric knife switches, Contact for. W. J. Gibbons. 1,451,296; Apr. 10.
Electric light and power plant. P. Thamm. 1,459,563; June 19.
Electric-light ceiling fixture. H. Abrams. Des. 61,814; Jan. 23.
Electric-light cluster socket. M. Herskovitz. 1,478,119; Dec. 18.
Electric-light device. C. L. Snyder. 1,458,999; June 19.
Electric-light fixture. J. W. Hancock. 1,453,794; May 1.
Electric-light fixture. M. H. Thurnauer. 1,456,683; May 29.
Electric-light fixtures, Coupling for. C. M. Ball, jr. 1,453,233; Apr. 24.
Electric-light fixtures, Holder for. P. Altamura. 1,477,798; Dec. 18.
Electric-light fixtures, Husk for. J. W. Schulze. 1,460,040; June 26.
Electric-light flasher, Intermittent-. E. M. Bailey. 1,441,902; Jan. 9.
Electric light, Portable. J. T. Drufva. Re15,735; Dec. 25.
Electric-lighting device. R. B. Benjamin. 1,469,034; Sept. 25.
Electric-lighting fixture. H. W. Cordingly. 1,462,132; July 17.
Electric-lighting fixture. E. L. Dales. 1,445,665; Feb. 20.
Electric-lighting fixtures and portable lamps, Flexible chain for. M. Herskovitz. 1,478,009; Dec. 18.
Electric-lighting fixtures, Switch container for. M. Herskovitz. 1,441,281; Jan. 9.
Electric-lighting globe. A. A. Wohlauer. Des. 62,350; May 8.
Electric-lighting system. J. B. Bushnell. 1,473,900; Nov. 13.
Electric lights, Globe support for. J. W. French. 1,461,611; July 10.
Electric-line insulator. B. G. C. Stephens. 1,463,852; Aug. 7.
Electric lock. G. M. Livesay. 1,467,048; Sept. 4.
Electric lock and door-control device. C. L. Wolfe and J. A. Faurat. 1,452,014; Apr. 17.
Electric machine. A. B. and H. A. Broluska. 1,465,251; Aug. 21.
Electric machine. F. Holden. 1,465,081; Aug. 14.
Electric machine. M. Schuler. 1,423,083; Apr. 24.
Electric machine adapted for synchronous working, Dynamo. L. J. Hunt. 1,463,017; July 24.
Electric machine, Alternating-current dynamo-. T. W. Varley. 1,478,012; Dec. 18.
Electric machine, Arc-welding dynamo-. K. L. Hansen. 1,453,389; May 1.
Electric machine, Dynamo-. V. G. Apple. 1,440,952; Jan. 2.
Electric machine, Dynamo-. M. Arendt. 1,476,575; Dec. 4.
Electric machine, Dynamo-. A. J. Brown. 1,458,121; June 5.
Electric machine, Dynamo-. J. L. Burnham. 1,445,933; Feb. 20.
Electric machine, Dynamo-. J. L. Burnham. 1,456,092; May 22.
Electric machine, Dynamo-. F. H. Clough. 1,466,654; Aug. 28.
Electric machine, Dynamo-. C. F. Gilchrist. 1,443,073; Jan. 23.
Electric machine, Dynamo-. V. H. Greisser. 1,444,458; Feb. 6.
Electric machine, Dynamo-. R. E. Hellmund. 1,454,925; May 15.
Electric machine, Dynamo-. P. H. H. Jantzen. 1,451,577; Apr. 10.
Electric machine, Dynamo-. P. A. Koch. 1,466,304: Aug. 28.
Electric machine, Dynamo-. A. H. Midgley. 1,457,381; June 5.
Electric machine, Dynam-. S. H. Mortensen. 1,450,902; Apr. 3.
Electric machine, Dynamo-. A. H. Neuland. 1,449,539; Mar. 27.
Electric machine, Dynamo-. H. K. Sandell. 1,471,067; Oct. 16.
Electric machine, Dynamo-. J. Slepian. 1,446,861; Feb. 27.
Electric machine, Dynamo-. J. Slepian. 1,453,410; May 1.
Electric machine, Dynamo-. H. H. Wait. 1,470,786; Oct. 16.
Electric machine, Liquid-cooled. M. Seidner. 1,448,700; Mar. 13.

Electric machine, Magneto-. G. Modigliani. 1,470,092–3; Oct. 9.
Electric machine, Rotary. K. Nobuhara. 1,453,166; Apr. 24.
Electric machine, Rotary. K. Nobuhara. 1,443,644; Jan. 30.
Electric machines, Armature for dynamo-. A. Steinbach. 1,450,521; Apr. 3.
Electric machines, Bar winding for. F. Punga and H. Ross. 1,478,252; Dec. 18.
Electric machines, Commutation of dynamo-. J. W. Dorsey. 1,470,428; Oct. 9.
Electric machines, Commutator for dynamo. L. E. Koos. 1,472,023; Oct. 23.
Electric machines, Constructing armatures for dynamo-. V. G. Apple. 1,449,371; Mar. 27.
Electric machines, Control of dynamo-. H. W. Rogers. 1,453,522; May 1.
Electric machines, Cooling of dynamo-. P. A. H. Mossay and H. C. E. Jacoby. 1,453,159; Apr. 24.
Electric machines, Mounting for slip rings of dynamo-. E. Meyercordt. 1,460,031; June 26.
Electric machines, Stator structure for dynamo-. M. E. Gysel. 1,446,898; Feb. 27.
Electric machines, Structural-steel frame for dynamo-. C. B. Mills. 1,470,695; Oct. 16.
Electric machines, Testing stand for dynamo-. G. C. Wilder. 1,445,923; Feb. 20.
Electric machines, Ventilating-duct construction for dynamo. W. W. Kusterman. 1,476,986; Dec. 11.
Electric machines, Winding-securing means for dynamo-. A. J. Brown. 1,476,947; Dec. 11.
Electric meter, Automatic. M. O. S. Madsen. 1,463,170; July 31.
Electric motor. C. Z. Coleman. 1,444,495; Feb. 6.
Electric motor. A. C. Gilbert. 1,476,708; Dec. 11.
Electric motor. J. Goodman. 1,468,150; Sept. 18.
Electric motor. G. H. Leland. 1,464,911; Aug. 14.
Electric motor. F. P. Mansbendel. 1,464,184; Aug. 7.
Electric motor. G. C. Marx. 1,468,307; Sept. 18.
Electric motor, Air-cooled. M. Stamm, H. Tucker, and M. J. Peltz. 1,476,776; Dec. 11.
Electric motor and rotary pump. W. A. Hatcher. 1,441,344; Jan. 9.
Electric-motor-control system. T. Zweigbergk. 1,476,569; Dec. 4.
Electric motor, Reciprocating. G. Mazza. 1,471,698; Oct. 23.
Electric motor, Self-cooled. R. A. Ilg. 1,466,364; Aug. 28.
Electric motor, Self-cooled. A. G. Sutcliffe. 1,441,460; Jan. 9.
Electric-motor support. W. I. Jehu. 1,445,617; Feb. 13.
Electric-motor terminal connection. M. A. Defibaugh. 1,471,834; Oct. 23.
Electric motors, Brush-holding means for. P. I. Chandeysson. 1,465,709; Aug. 21.
Electric motors, Starting. W. Zederbohnn. 1,467,745; Sept. 11.
Electric motors, Starting switch for. E. E. Taeubert. 1,476,777; Dec. 11.
Electric oscillator. H. G. Cordes. 1,478,638; Dec. 25.
Electric outlet boxes, Canopy for. C. E. Bowers. 1,464,637; Aug. 14.
Electric pole. G. Yumura. 1,446,239; Feb. 20.
Electric power device. W. C. Hahne. 1,471,957; Oct. 23.
Electric power plant. H. R. Patterson. 1,440,551; Jan. 2.
Electric power plant. H. R. Patterson. 1,473,586; Nov. 6.
Electric precipitator. E. P. Dillon and A. A. Heimrod. 1,451,418; Apr. 10.
Electric pressure regulator. W. F. Clark. 1,445,389; Feb. 13.
Electric recording meter. H. W. Carpenter. 1,474,955; Nov. 20.
Electric register. O. A. Knopp. 1,477,367; Dec. 11.
Electric regulation J. L. Creveling. 1,442,050; Jan. 16.
Electric regulator. W. A. Turbayne. 1,456,081; May 22.
Electric regulator system. C. A. Boddie. 1,475,737; Nov. 27.
Electric regulator system. F. C. Hanker. 1,470,730; Oct. 16.
Electric relays Bellows mechanism for. O. J. Marshick. 1,454,129; May 8.
Electric resistance. O. Weeber. 1,455,462; May 15.
Electric resistance element. F. L. Driver, jr. 1,465,547; Aug. 21.
Electric resistance element. F. A. Fahrenwald. 1,475,942; Dec. 4.
Electric resistance furnace. C. L. Ipsen. 1,456,107; May 22.
Electric resistance furnace. G. M. Little. 1,456,890; May 29.
Electric resistance furnace. T. A. Reid. 1,472,137; Oct. 30.
Electric resistance furnace. T. A. Reid. 1,477,384; Dec. 11.
Electric-resistance tubular furnace. G. M. Little. 1,443,581; Jan. 30.
Electric resistances, Method and apparatus for measuring. M. Coppée. 1,457,923; June 5.
Electric riveting machine and process. A. B. Rypinski. 1,451,894; Apr. 17.
Electric rotary switch. F. P. Habicht. 1,458,484; June 12.
Electric sadiron. R. J. Hovey. 1,455,205; May 15.
Electric sealing device. C. Barrett. 1,449,081; Mar. 20.
Electric snap switch. R. H. Bentley. 1,466,267; Aug. 28.
Electric sockets, Push plug for. J. Blackburn. 1,469,913; Oct. 9.
Electric starter. C. C. Andersen. 1,461,996; July 17.
Electric starting and generating apparatus. W. B. Moses. 1,456,033; May 33.
Electric step-by-step motor of the unwound-armature type. J. W. French. 1,440,729; Jan. 2.
Electric suspension lighting fixture. H. Abrams. Des. 61,812–3; Jan. 23.
Electric suspension lighting fixture. H. Abrams. Des. 61,815; Jan. 23.
Electric suspension lighting fixture. H. Abrams. Des. 61,818; Jan. 23.
Electric switch. C. N. Alter. 1,452,333; Apr. 17.
Electric switch. H. B. Barnes. Re. 15,548; Feb. 20.
Electric switch. R. A. Belmont and J. B. Downing. 1,455,985; May 22.
Electric switch. R. B. Benjamin. 1,444,055; Feb. 6.
Electric switch. R. B. Benjamin. 1,459,494; June 19.
Electric switch. R. B. Benjamin. 1,474,013; Nov. 13.
Electric switch. C. D. Bottomley. 1,468,192; Sept. 18.
Electric switch. C. D. Bottomley. 1,473,950; Nov. 13.
Electric switch. W. Broad. 1,451,008; Apr. 10.
Electric switch. G. A. Burnham. 1 446,828; Feb. 27.
Electric switch. G. A. Burnham. 1,447,642; Mar. 6.
Electric switch. G. A. Burnham. 1,461,695; July 10.
Electric switch. G. A. Burnham. 1,476,141; Dec. 4.
Electric switch. G. Cameron. 1,473,010; Nov. 6.
Electric switch. G. H. Chapman. 1,465,419; Aug. 21.
Electric switch. W. A. Chryst. 1,441,398; Jan. 9.
Electric switch. W. D. Collins and G. W. H. Allen. 1,470,059; Oct. 9.
Electric switch. E. L. Connell. 1,471,308; Oct. 16.
Electric switch. J. B. Downing. 1,477,251; Dec. 11.
Electric switch. J. O. Eis and E. J. Knauff. 1,448,058; Mar. 13.
Electric switch. A. P. Fahnestock. 1,477,335; Dec. 11.
Electric switch. F. P. Gates. 1,451,570; Apr. 10.
Electric switch. W. H. Harrington. 1,466,507; Aug. 28.
Electric switch. H. A. Hart. 1,473,579; Nov. 6.
Electric switch. H. J. Horey. 1,444,000; Feb. 6.
Electric switch. H. J. H. Huber. 1,462,340; July 17.
Electric switch. W. S. La Londe. 1,478,523; Dec. 25.
Electric switch. G. Leddick. 1,477,834; Dec. 18.
Electric switch. H. E. Leppert. 1,441,814; Jan. 9.
Electric switch. J. F. Lindberg. 1,471,903; Oct. 23.
Electric switch. S. D. Livingston. 1,472,800; Nov. 6.
Electric switch. A. E. Maage. 1,455,960; May 22.
Electric switch. W. S. Mayer. 1,453,591; May 1.
Electric switch. B. Mazza. 1,459,956; June 26.
Electric switch. G. J. Meuer. 1,470,860; Oct. 16.
Electric switch. C. G. Nelson. 1,448,033; Mar. 13.
Electric switch. M. A. Persson. 1,471,631; Oct. 23.
Electric switch. C. D. Platt. 1,445,847; Feb. 20.
Electric switch. C. S. Price. 1,452,931; Apr. 24.
Electric switch. W. T. Pringle. 1,456,336; May 22.
Electric switch. F. J. Skoda. 1,447,104; Feb. 27.
Electric switch. N. L. Snorf. 1,465,692; Aug. 21.
Electric switch. S. H. Todd. 1,466,071; Aug. 28.
Electric switch. C. L. Volz. 1,459,520; June 19.
Electric switch. F. T. Wheeler. 1,466,349; Aug. 28.
Electric switch. F. G. Whittington. 1,468,985; Sept. 25.
Electric switch. E. M. Wilson. 1,447,917; Mar. 6.
Electric switch and car, air, and electric couplers, Pneumatic control system for. H. E. Van Dorn. 1,478,462; Dec. 25.
Electric switch device. L. Schön. 1,475,144; Nov. 20.
Electric switch, Fluid-governed. A. B. Conant and L. A. House. 1,469,497; Oct. 2.
Electric-switch guard. A. Samborsky. 1,477,389; Dec. 11.
Electric switch, Thermally-actuated. P. W. Baker. 1,445,657; Feb. 20.
Electric switch, Time-controlled. J. F. Newsom. 1,470,867; Oct. 16.
Electric switches, No-voltage release for. P. K. van der Sterr. 1,476,085; Dec. 4.
Electric switches, Safety appliance for. M. Murray. 1,477,841; Dec. 18.
Electric switching device. A. Messer. 1,441,735; Jan. 9.
Electric system. B. E. Getchell. 1,475,295; Nov. 27.
Electric system. S. J. Matthews. 1,447,480; Mar. 6.
Electric testing device. R. H. Carter. 1,454,623; May 8.
Electric timer. H. M. Appelgate. 1,472,780; Nov. 6.
Electric toaster. C. E. Barr and T. E. Jackson. Des. 62,012; Feb. 27.
Electric traction, Contact rail for. H. Parodi. 1,454,296; May 8.
Electric transformer arrangement. F. E. Berry. 1,467,829; Sept. 11.
Electric treatment, Apparatus for preparing oil for. G. C. Kelley. 1,465,398; Aug. 21.
Electric wall bracket. T. E. Dahl. Des. 62,705; July 24.
Electric wall-bracket plate. F. M. Poritz. Des. 62,869; Aug. 14.
Electric wall lighting bracket fixture. H. Abrams. Des. 61,816; Jan. 23.

Electric wall lighting fixture. H. Abrams. Des. 61,817; Jan. 22.
Electric water heater. W. W. Hicks and A. J. Kercher. 1,476,335; Dec. 4.
Electric water heater. Z. Trotzer. 1,453,574; May 1.
Electric waves, Receiving system for. L. Levy. 1,457,069; May 29.
Electric-weld-forging mat. I. W. Henry. 1,478,226; Dec. 18.
Electric-wire clamp. P. Pairard. 1,453,173; Apr. 24.
Electric wiring machine. G. L. Clark and C. H. Tibado. 1,474,580; Nov. 20.
Electrical apparatus. H. Bailey. 1,444,445; Feb. 6.
Electrical apparatus. W. R. G. Baker. 1,445,929; Feb. 20.
Electrical apparatus. F. R. Beckert. 1,449,725; Mar. 27.
Electrical apparatus. J. Bijur. 1,443,205; Jan. 23.
Electrical apparatus. F. F. Brand. 1,471,096; Oct. 16.
Electrical apparatus. D. Conlan, jr. 1,474,763; Nov. 20.
Electrical apparatus. P. R. Fortin. 1,441,532; Jan. 9.
Electrical apparatus. H. M. Hobert. 1,471,263; Oct. 16.
Electrical apparatus. H. S. Pardee. 1,446,656; Feb. 27.
Electrical apparatus, Casing for. J. W. Patch. 1,444,480; Feb. 6.
Electrical apparatus, Casing for. H. O. Stephens. 1,448,009; Mar. 13.
Electrical apparatus, Casing for. R. E. Wagner. 1,477,792; Dec. 18.
Electrical apparatus, Discharge tube for. G. Collins. 1,449,167; Mar. 20.
Electrical apparatus for illuminating and decorating Christmas trees and similar uses. J. H. Betts. 1,456,091; May 22.
Electrical apparatus for indicating and repeating movements at a distance. J. L. Routin. 1,471,708; Oct. 23.
Electrical apparatus for the local and distant repetition of movements. J. F. Gill and J. N. Chaviara. 1,469,438; Oct. 2.
Electrical apparatus, Method and means for cooling. L. H. Burnham. 1,462,321; July 17.
Electrical apparatus, Mounting and protecting. D. F. Whiting. 1,442,456; Jan. 16.
Electrical apparatus, Protective device for. C. H. Kline. 1,462,346; July 17.
Electrical apparatus, Radiating casing for. M. L. Elder. 1,471,888; Oct. 23.
Electrical apparatus, Shield for. A. G. Miller. 1,471,183; Oct. 16.
Electrical appliance, High-frequency. E. S. Humphreys. 1,447,785; Mar. 6.
Electrical appliances, Terminal for. C. H. Werenskiold. 1,454,359; May 8.
Electrical-cable joints, Insulating cap for. F. M. van Gelderen. 1,460,624; July 3.
Electrical change-over apparatus. H. Riegger. 1,471,863; Oct. 23.
Electrical circuits, System of control of. W. H. Powell. 1,447,570; Mar. 6.
Electrical coil. S. R. Wright. 1,440,760; Jan. 2.
Electrical coil unit. D. Stone. 1,445,919; Feb. 20.
Electrical coils, Machine and method for winding. H. C. Egerton. 1,462,032; July 17.
Electrical coils, Method of and apparatus for testing. A. H. Adams. 1,445,260; Feb. 13.
Electrical communication, Method of and apparatus for. D. G. McCaa. 1,459,786; June 26.
Electrical condenser. B. Ames and P. J. Gilinson. 1,444,534; Feb. 6.
Electrical condenser. W. Dubilier. 1,455,781; May 22.
Electrical condenser. M. Klosner. 1,452,610; Apr. 24.
Electrical condenser. B. Macpherson. 1,474,486; Nov. 20.
Electrical conductor system, Overhead. H. B. P. Wrenn and A. S. O'Donoghue. 1,459,174; June 19.
Electrical conductors, Connector for. R. A. Haislip and E. M. Matthews. 1,448,116; Mar. 13.
Electrical conductors, Distributing-box connection for. H. H. Berry. 1,460,698; July 3.
Electrical conductors, Strain clamp for. W. T. Goddard. 1,458,753; June 12.
Electrical conductors, Suspension clamp for. B. A. Plimpton. 1,456,932; May 29.
Electrical conduits, cables, and the like, Fitting for. G. C. Thomas, jr. 1,448,367; Mar. 13.
Electrical connecting device. R. B. Benjamin. 1,465,410; Aug. 21.
Electrical connection. J. M. Anderson. 1,443,669; Jan. 30.
Electrical connection. V. C. Hamister. 1,453,793; May 1.
Electrical connector. H. A. Douglas. 1,464,468; Aug. 7.
Electrical connector. R. E. Williams and H. H. Moreton. 1,445,924; Feb. 20.
Electrical connector device. R. B. Benjamin. 1,478,166; Dec. 18.
Electrical connector device. E. H. Freeman. 1,470,824; Oct. 16.
Electrical-connector forming tool. J. Lake, jr. 1,456,928; May 29.
Electrical contact and operating the same. R. F. Bracke. 1,445,066; Feb. 13.
Electrical contact device. H. A. Tuckey. 1,470,304; Oct. 9.
Electrical contact points, Tool for grinding. N. A. Anderson. 1,458,459; June 12.
Electrical contacts, Making. C. A. Laise and O. C. Hollopeter. 1,469,043; Sept. 25.
Electrical control system. W. W. Coblentz. 1,458,165; June 12.
Electrical controlling means. C. S. Schroeder. 1,474,447; Nov. 20.
Electrical controlling mechanism. H. E. Stahl. 1,459,756; June 26.
Electrical controlling system. J. H. Hunt. 1,446,971; Feb. 27.
Electrical coupling. F. P. Mansbendel. 1,474,975; Nov. 20.
Electrical cut-out. C. D. Platt. 1,454,185; May 8.
Electrical display system. R. F. Stoddard. 1,462,875; July 24.
Electrical dehydrator. W. O. Eddy. 1,440,774; Jan. 2.
Electrical dehydrator. R. E. Land. 1,467,003; Sept. 4.
Electrical devices, Control system for. J. H. Hunt. 1,441,928; Jan. 9.
Electrical discharge device. R. A. Heising. 1,452,339; Apr. 17.
Electrical distribution system. E. B. Birch. 1,457,052; May 29.
Electrical distribution system. L. C. Wescoat. 1,478,079; Dec. 18.
Electrical distribution, System of. E. Bauer and W. A. Turbayne. 1,442,320; Jan. 16.
Electrical distribution, System of. W. L. Bliss. 1,471,093; Oct. 16.
Electrical distribution, System of. G. H. Roosevelt. 1,460,213; June 26.
Electrical distributor. W. B. Stearns. 1,461,101; July 10.
Electrical energy, Method of and apparatus for limiting the transmission of. L. Espenschied. 1,466,707; Sept. 4.
Electrical energy, System for the generation and distribution of. C. L. Hommel. 1,448,219; Mar. 13.
Electrical fixture. E. W. Flender. 1,440,589; Jan. 2.
Electrical fixture. M. Guett. 1,460,060; June 26.
Electrical heater. R. R. Shriver. 1,477,982; Dec. 18.
Electrical heating device. R. F. Zimmermann. 1,464,255; Aug. 7.
Electrical-heating-element winding apparatus. E. L. Wiegand. 1,478,465; Dec. 25.
Electrical heating elements, Pack for. W. A. Braun. 1,452,954; Apr. 24.
Electrical heating or resistance unit. H. A. Thompson. 1,476,116; Dec. 4.
Electrical heating unit. P. Bergeon. 1,456,755; May 29.
Electrical heating unit. M. Simon. 1,477,602; Dec. 18.
Electrical ignition system. C. E. Reddig. 1,464,112; Aug. 7.
Electrical ignition system. H. M. Stoller. 1,464,120; Aug. 7.
Electrical impulse indicator. S. Ruben. 1,471,357; Oct. 23.
Electrical indicating device. R. S. O'Neil. 1,461,830; July 17.
Electrical instrument. C. I. Hall. 1,462,337; July 17.
Electrical-instrument contact. M. C. Cosgray. 1,476,800; Dec. 11.
Electrical instruments, Dial for. V. H. Meyer. 1,456,644; May 29.
Electrical machine. L. A. Darling. 1,454,833; May 8.
Electrical machinery and making same, Brush for. O. E. Becker. 1,448,511; Mar. 13.
Electrical machines, Commutating system for. C. L. A. M. Leblanc. 1,461,446; July 10.
Electrical oscillations, Method of and arrangement for receiving. A. Meissner. 1,474,726; Nov. 20.
Electrical outlets, Receptacle plate for. A. D. Sands. 1,454,081; May 8.
Electrical precipitation. A. F. Nesbit. 1,440,887; Jan. 2.
Electrical precipitation, etc., Producing. A. F. Nesbit. 1,440,886; Jan. 2.
Electrical precipitation of suspended material from gases, Apparatus for. W. A. Schmidt. 1,453,325; May 1.
Electrical precipitation of suspended particles from gases, Apparatus for. E. Möller and W. Hoss. 1,469,275; Oct. 2.
Electrical precipitation of suspended particles from gases, Apparatus for. C. H. Weiskopf. 1,454,255; May 8.
Electrical protective device. P. MacGahan. 1,443,583; Jan. 30.
Electrical protective device. D. T. May. 1,448,559; Mar. 13.
Electrical protective device. R. J. Wensley. 1,466,260; Aug. 28.
Electrical protector. G. W. Janson and L. H. Rovere. 1,457,249; May 29.
Electrical receiving or repeating apparatus and operating same. B. W. Kendall. 1,453,982; May 1.
Electrical receptacle. R. B. Benjamin. 1,476,036; Dec. 4.
Electrical recording instrument. F. H. Bowman. 1,463,004; July 24.
Electrical rectifier. O. K. Luscomb. 1,446,757; Feb. 27.
Electrical rectifier and pole changer. W. Kaisling. 1,441,426; Jan. 9.
Electrical regulator. A. A. Tirrill. 1,466,258; Aug. 28.
Electrical relay. R. C. Browne. 1,474,344; Nov. 20.
Electrical resistance. W. Clark. 1,441,399; Jan. 9.
Electrical resistance. E. R. Stoekle. 1,448,681; Mar. 13

Electrical resistance element. F. A. Fahrenwald. 1,464,312; Aug. 7.
Electrical resistance element of electric soldering irons and similar heating apparatus. P. E. Landberg. 1,467,178; Sept. 4.
Electrical resistances to stabilize their resistance, Treating. F. R. Parker. 1,446,720; Feb. 27.
Electrical separation of suspended material from gases, Apparatus for the. E. Anderson. 1,444,997; Feb. 13.
Electrical separation of suspended particles from gases, Apparatus for. E. Anderson and W. A. Schmidt. 1,444,092; Feb. 6.
Electrical signaling. L. Cohen and J. O. Mauborgne. 1,476,691; Dec. 11.
Electrical signaling and recording system. J. M. Diegel. 1,451,900; Apr. 17.
Electrical snap switch. H. Gross. 1,466,280; Aug. 28.
Electrical sparking device. W. C. Schneider. 1,468,517; Sept. 18.
Electrical sound-detecting apparatus. P. W. Bridgman. 1,446,544; Feb. 27.
Electrical switch. A. P. Ball and F. Zenker. 1,453,696; May 1.
Electrical switch. B. R. Benjamin and T. H. Harris. 1,447,172; Mar. 6.
Electrical switch. C. A. Deas. 1,462,690; July 24.
Electrical switch. C. L. Hopkins. 1,465,306; Aug. 21.
Electrical switch. A. W. Rosen. 1,471,210; Oct. 16.
Electrical switch, Centrifugal. C. P. Banzhof. 1,444,825; Feb. 13.
Electrical-switch inclosure or cabinet. B. D. Horton. 1,465,985; Aug. 28.
Electrical switching device. I. L. Stanger. 1,465,878; Aug. 21.
Electrical system. C. S. Cook. 1,455,572; May 15.
Electrical system. R. E. Hellmund. 1,475,822; Nov. 27.
Electrical system. G. W. Huey. 1,448,405; Mar. 13.
Electrical system. C. Kettering. 1,448,749; Mar. 20.
Electrical system. K. A. Simmon. 1,477,455; Dec. 11.
Electrical system. H. M. Stoller. 1,459,422; June 19.
Electrical system. N. W. Storer. 1,477,465; Dec. 11.
Electrical system. W. A. Turbayne. 1,478,011; Dec. 18.
Electrical system. R. J. Wensley. 1,442,202; Jan. 16.
Electrical system and apparatus. K. A. Simmon. 1,477,456; Dec. 11.
Electrical testing clip. G. B. Dusinberre. 1,452,194; Apr. 17.
Electrical testing instrument. J. F. Moody. 1,461,492; July 10.
Electrical testing system. A. G. Chapman. 1,476,689; Dec. 11.
Electrical testing system. G. G. Dobson. 1,465,352; Aug. 21.
Electrical testing system. H. M. Stoller. 1,462,053; July 17.
Electrical translating devices, Starter for. F. G. Keyes. 1,461,038; July 10.
Electrical transmission of communications. H. Rowntree. 1,475,448; Nov. 27.
Electrical-wave transmission system. W. E. Booth. 1,470,955; Oct. 16.
Electrical windings, Construction of. S. Rogers. 1,451,374; Apr. 10.
Electrical windings, Terminal connector for. C. H. Thordarson. 1,470,337; Oct. 9.
Electrically-controlled mechanism. M. J. Brierty. 1,467,704; Sept. 11.
Electrically-driven mechanism, Control means for. L. J. Stephenson. 1,475,970; Dec. 4.
Electrically-heated utensil. J. F. Lamb. 1,468,385; Sept. 18.
Electrically-operated switch and the like. L. H. Wadsworth. 1,471,080; Oct. 16.
Electrically-vibrated screen. T. J. Sturtevant. 1,458,111; June 5.
Electricity counter. K. R. Ihamuotila. 1,471,664; Oct. 23.
Electricity-metering system. J. Harris. 1,474,965; Nov. 20.
Electrode. C. G. Fink. 1,441,567; Jan. 9.
Electrode. F. J. Metzger. 1,448,413; Mar. 13.
Electrode and its construction. R. F. Trimble. 1,465,381; Aug. 21.
Electrode, Flexible. D. R. Price. 1,447,357; Mar. 6.
Electrode for electric-arc cutting or reducing. C. J. Holslag. 1,451,392; Apr. 10.
Electrode for electric furnaces and manufacturing the same. C. W. Söderberg. 1,440,724; Jan. 2.
Electrode for electrolytic cells. J. Gerstle. 1,448,208; Mar. 13.
Electrode for ion concentration effects. E. A. Keeler. 1,474,151; Nov. 13.
Electrode handler. A. W. Gregg. 1,466,503; Aug. 28.
Electrode holder. W. H. Flood and D. T. Smout. 1,475,481; Nov 27
Electrode holder. G. Goughnour. 1,472,215; Oct. 30.
Electrode, Positioned. W. W. Strong. 1,456,044; May 22.
Electrode protector. W. Dyrssen. 1,468,103; Sept. 18.
Electrode protector, Telescoping. G. M. Little. 1,456,894; May 29.
Electrode steam boiler. J. Buchli. 1,466,013; Aug. 28.
Electrode structure. W. C. White. 1,444,438; Feb. 6.
Electrode - supporting device. W. G. Houskeeper. 1,456,504; May 29.
Electrode, Therapeutic. E. C. Hanson and W. L. Carlson. 1,463,392; July 31.
Electrode, Welding. J. P. Copland. 1,471,326; Oct. 23.
Electrode, Welding. C. J. Holslag. 1,478,738; Dec. 25.
Electrodes, Apparatus for moving furnace. W. Dyessen. 1,450,668; Apr. 3.
Electrodes, Baking carbon. C. W. Söderberg. 1,441,037; Jan. 2.
Electrodes, Coating battery. H. D. Lapkin. 1,467,047; Sept. 4.
Electrodes, Feeding and rotating means for. A. P. Davis. 1,460,793; July 3.
Electrodes, Jig employed in the construction of. R. F. Thimble. 1,478,071; Dec. 18.
Electrodes, Making. R. F. Trimble. 1,472,505; Oct. 30.
Electrodes, Rotary means for cleaning. H. A. Wintermute. 1,454,256; May 8.
Electrodes, Suspending. C. W. Söderberg. 1,442,031; Jan. 9.
Electrodeposition. B. S. Summers. 1,475,973; Dec. 4.
Electrodynamic armatures, Constructing. A. D. T. Libby. 1,447,993; Mar. 13.
Electrodynamic machine. A. N. Sammarone. 1,467,339; Sept. 11.
Electrodynamic receiver. E. S. Pridham and P. L. Jensen. 1,448,279; Mar. 13.
Electrolysis apparatus. P. M. Kree. 1,445,961; Feb. 20.
Electrolysis, Method of. F. G. Clark. 1,476,284; Dec. 4.
Electrolysis, Method of and means for counteracting destructive. L. O. Gunderson. 1,449,991; Mar. 27.
Electrolysis mitigation. G. G. Jones. 1,454,895; May 15.
Electrolysis of metals, Apparatus for the. A. Crémer. 1,466,994; Sept. 4.
Electrolysis of water. R. Pechkranz. 1,448,037; Mar. 13.
Electrolyte for aluminum production and preparing same. A. Pacz. 1,464,625; Aug. 14.
Electrolyte gas and splash escape. E. A. Stallings. 1,469,119; Sept. 25.
Electrolyte level indicator. R. Simpson. 1,464,510; Aug. 14.
Electrolyte, Storage-battery. E. J. Reub. 1,454,078; May 8.
Electrolytic apparatus. W. G. Allan. 1,464,840; Aug. 14.
Electrolytic apparatus. R. K. Chrisman. 1,477,629; Dec. 18.
Electrolytic apparatus. W. E. Greenawalt. 1,444,787; Feb. 13.
Electrolytic apparatus. A. K. Smith. 1,442,238; Jan. 16.
Electrolytic apparatus. J. N. Smith. 1,450,156; Mar. 27.
Electrolytic apparatus. J. N. Smith. 1,476,303; Dec. 4.
Electrolytic apparatus and other purposes, Tank or vessel for. R. D. Mershon. 1,456,901; May 29.
Electrolytic cell. D. A. Brading. 1,452,589; Apr. 24.
Electrolytic cell. R. S. Handy. 1,476,251; Dec. 4.
Electrolytic cell. I. H. Levin. 1,478,341; Dec. 18.
Electrolytic cell. C. W. Marsh. 1,443,797; Jan. 30.
Electrolytic cell. R. H. McKee. 1,477,512; Dec. 11.
Electrolytic cell. J. Slepian. 1,456,941; May 29.
Electrolytic cell. J. M. Williams. 1,467,217; Sept. 4.
Electrolytic cell for generating oxygen and hydrogen. I. H. Levin. 1,478,340; Dec. 18.
Electrolytic cell structures. W. G. Allan. 1,464,689; Aug. 14.
Electrolytic cells, Means for replenishing the electrolyte of. P. H. Brace. 1,475,739; Nov. 27.
Electrolytic iron, Making. F. A. Eustis, C. R. Hayward, H. M. Schleicher, and D. Belcher. 1,451,333; Apr. 10.
Electrolytic process. F. N. Flynn and G. D. Van Arsdale. 1,448,923; Mar. 20.
Electrolytic process. J. S. Groff. 1,464,506; Aug. 14.
Electrolyzing fused materials, Electrode for. T. Kolkin. 1,449,008; Mar. 20.
Electromagnet. E. M. Bouton. 1,451,525; Apr. 10.
Electromagnet. W. C. Stevens. 1,460,517; July 3.
Electromagnet. E. B. Thurston. 1,462,129; July 17.
Electromagnet cores, Tool for assembling spool heads on. E. Bergman. 1,470,212; Oct. 9.
Electromagnets, Amplifier for. F. Schröter. 1,477,668; Dec. 18.
Electromagnetic apparatus. C. A. Cadwell. 1,449,852; Mar. 27.
Electromagnetic apparatus. G. Fussner. 1,457,519; June 5.
Electromagnetic apparatus. R. W. Van Norden. 1,457,475; June 5.
Electromagnetic and control therefor. G. E. Stack. 1,453,555; May 1.
Electromagnetic brake. B. E. Fernow, jr. 1,474,960; Nov. 20.
Electromagnetic control. B. W. Jones. 1,475,951; Dec. 4.
Electromagnetic core. H. R. Patterson. 1,441,522; Jan. 9.
Electromagnetic device. E. R. Carichoff and B. W. Jones. 1,405,994; Feb. 20.
Electromagnetic device. G. C. Cummings. 1,464,088; Aug. 7.
Electromagnetic device. W. H. D. Ford. 1,459,824; June 26.
Electromagnetic device. W. H. D. Ford. 1,464,091; Aug. 7.

Electromagnetic device. D. D. Miller. 1,463,831; Aug. 7.
Electromagnetic governor for motor-generator sets. C. W. Dake. 1,442,131; Jan. 16.
Electromagnetic switch. W. W. Brown. 1,466,268; Aug. 28.
Electromagnetically-actuated apparatus. M. Herklotz. 1,476,363; Dec. 4.
Electromagnetically-controlled brake. M. E. and J. J. Neenan. 1,442,898; Jan. 23.
Electromechanical brake. E. B. Thurston. 1,455,895; May 22.
Electromotors, Switch drum for starting and controlling. L. Schon. 1,474,094; Nov. 13.
Electron-discharge apparatus. H. E. Dunham. 1,469,075; Sept. 25.
Electron-discharge device. R. V. L. Hartley. 1,442,430; Jan. 16.
Electron-discharge device. W. J. Herdman. 1,467,318; Sept. 11.
Electron-discharge device. R. W. King. 1,472,477; Oct. 30.
Electron-discharge device. P. Schwerin. 1,459,417; June 19.
Electron-discharge device. H. W. Weinhart. 1,478,076; Dec. 18.
Electron-discharge device. W. Wilson. 1,463,860; Aug. 7.
Electron-emitting cathode and making same. C. D. Hocker. 1,459,400; June 19.
Electron-emitting cathode and manufacturing same. J. W. Harris. 1,464,813; Aug. 7.
Electron-tube apparatus. H. C. Rentschler. 1,466,997; Aug. 28.
Electronic emission. H. P. Donle. 1,477,869; Dec. 18.
Electronic emission, Method and apparatus for increasing. H. P. Donle. 1,477,868; Dec. 18.
Electroplating. E. N. Taylor. 1,473,060; Nov. 6.
Electroplating anode. B. Bart. 1,467,083; Sept. 4.
Electroplating anode. E. M. Beck. 1,474,460; Nov. 20.
Electroplating apparatus. L. V. Mather. 1,442,438; Jan. 16.
Electroplating apparatus. L. Potthoff. 1,475,198; Nov. 27.
Electroplating apparatus. W. Thompson and W. R. Jameson. 1,453,419; May 1.
Electroplating apparatus. V. Todd. 1,468,764; Sept. 25.
Electroplating machine. F. J. Bell. 1,442,514; Jan. 16.
Electropneumatic brake. T. H. Thomas. 1,440,421; Jan. 2.
Electroscopic apparatus. F. A. Johnsen and K. Rahbek. 1,446,748; Feb. 27.
Electrotherapeutic apparatus. E. Aba. 1,469,471; Oct. 2.
Electrotherapeutic device. H. J. Nelson. 1,465,615; Aug. 21.
Element, Suspending. A. Hopkins. 1,450,176; Apr. 3.
Elevating and loading device. F. Berndt. 1,450,015; Mar. 27.
Elevating and positioning machine. J. L. Wentz. 1,471,763; Oct. 23.
Elevating apparatus, Vertical. G. D. Parker. 1,459,246; June 19.
Elevating jack. J. G. Crockett. 1,451,661; Apr. 10.
Elevating machine. C. Tonsager. 1,442,747; Jan. 16.
Elevating mechanism, Director. W. H. P. Blandy and R. K. Turner. 1,474,759; Nov. 20.
Elevator: *See*—

Automobile elevator.	Removable elevator.
Binder elevator.	Rod elevator.
Casing elevator.	Silo elevator.
Fruit elevator.	Stairway elevator.
Grain elevator.	Vehicle elevator.
Liquid elevator.	Water elevator.
Lumber elevator.	Well elevator.
Platform elevator.	Well-casing elevator.
Portable elevator.	

Elevator. J. G. Cornell. 1,458,032; June 5.
Elevator. T. C. Craig. 1,461,601; July 10.
Elevator. S. P. Erwin. 1,446,339; Feb. 20.
Elevator. C. W. Gross and J. A. Leete. 1,442,267; Jan. 16.
Elevator. N. P. Julien. 1,454,117; May 8.
Elevator. A. H. Thomas. 1,454,193–4; May 8.
Elevator. W. B. Wigle. 1,448,100; Mar. 13.
Elevator. W. W. Wilson. 1,468,589; Sept. 18.
Elevator and conveyer of the step or stairway type, Combined. J. Hendry. 1,445,588; Feb. 13.
Elevator-boot control, Self-adjusting. C. M. Wall. 1,441,137; Jan. 2.
Elevator brake. N. W. Gudmundson. 1,443,841; Jan. 30.
Elevator brake. A. G. Janes. 1,454,745; May 8.
Elevator brake, Automatic. P. Kesten and H. Osborne. Re15,733; Dec. 18.
Elevator buffer. W. S. Atkinson. 1,473,692; Nov. 13.
Elevator-car gates, and elevator-shaft doors, Safety appliance for. G. G. Laureyns. 1,453,074; Apr. 24.
Elevator control. E. G. Bahl. 1,460,091; June 26.
Elevator control mechanism. W. S. Atkinson. 1,446,631; Feb. 27.
Elevator control system. W. H. Hartman. 1,444,313; Feb. 6.
Elevator-control system, Hydraulic-. W. H. Hartman. 1,463,995; Aug. 7.
Elevator conveyer. R. K. Barnett. 1,470,663; Oct. 16.
Elevator door. B. Wexler. 1,457,566; June 5.
Elevator door hanger. O. P. McGee. 1,461,249; July 10.
Elevator-door lock. C. W. Carr, R. J. Dixon, and P. W. Conover. 1,453,915; May 1.
Elevator-door lock. J. F. Clancy. 1,477,630; Dec. 18.
Elevator-door lock. J. Girten. 1,476,710; Dec. 11.
Elevator-door lock. M. Jacobsky. 1,476,254; Dec. 4.
Elevator-door lock. J. T. Schlesinger. 1,468,677–8; Sept. 25.
Elevator-door-lock-control mechanism. W. H. Hartman. 1,464,871; Aug. 14.
Elevator-door-locking mechanism. B. Wexler. 1,477,737; Dec. 18.
Elevator dump. I. S. Alton. 1,460,635; July 3.
Elevator feeder, Box-. F. Stebler. 1,461,465; July 10.
Elevator-hatchway gate. M. F. Kevlin. 1,476,449; Dec. 4.
Elevator hoist. H. A. Davis and P. S. Newcomer. 1,457,021; May 29.
Elevator interlock. T. A. Melville. 1,470,279; Oct. 9.
Elevator interlock, Safety. F. M. Coffin. 1,462,264; July 17.
Elevator interlocking device. J. E. W. Fogal. 1,453,551; May 1.
Elevator lock. J. Baer. 1,458,871; June 12.
Elevator lock. F. G. Shepherd. 1,446,668; Feb. 27.
Elevator safety device. W. H. Foye. 1,473,147; Nov. 6.
Elevator-shaft doors, Safety device for sidewalk-. G. G. Laureyns. 1,446,299; Feb. 20.
Elevator-shaft doors, Safety mechanism for. G. G. Laureyns. 1,453,073; Apr. 24.
Elevator system, W. Grömer. 1,458,881; June 12.
Elevator system, United coal-storage. A. D. Cressler. 1,446,785; Feb. 27.
Elevator, Unloading and reclaiming. H. K. Smith. 1,441,249; Jan. 9.
Elevators and the like, Backstop for. E. A. Beyl. 1,462,318; July 17.
Elevators, Automatic feeder for. H. F. Gorsuch. 1,440,594; Jan. 2.
Elevators, Automatic feeder for. S. Olson. 1,469,329; Oct. 2.
Elevators, Control system for electric. W. S. Smith. 1,443,766; Jan. 30.
Elevators, Door lock for. J. T. Schlesinger. 1,447,896; Mar. 6.
Elevators, Door lock for. F. F. Turner. 1,448,776; Mar. 20.
Elevators, Electrically-operated controlling means for hydraulic. G. L. Slack. 1,443,388; Jan. 30.
Elevators, Emergency controller for. A. J. Johnson. 1,462,507; July 24.
Elevators, Floor-level stop for electrically-operated. E. R. Leigh. 1,445,149; Feb. 13.
Elevators, Guide shoe for. R. Brenne. 1,460,404; July 3.
Elevators, Hand-rope lock for. E. L. Dunn. 1,458,472; June 12.
Elevators, Interlock mechanism for. T. H. Straley. 1,468,981; Sept. 25.
Elevators, Limit stop and governor for. C. E. Kimball. 1,444,614; Feb. 6.
Elevators, Safety apparatus for. P. J. Wooldridge. 1,458,790–1; June 12.
Elevators, Safety appliances for. P. J. Woolridge. 1,443,603; Jan. 30.
Elevators, Safety clutch for. J. M. Hawthorne. 1,448,534; Mar. 13.
Elevators, Safety device for. C. Platz. 1,448,978; Mar. 20.
Elevators, Safety device for loading. B. F. Sparling. 1,464,450; Aug. 7.
Elevators, System of control for electric. P. H. Brodesser. 1,460,569; July 3.
Elliptical objects, Machine making or operating upon. L. M. Walker. 1,474,868; Nov. 20.
Emblem. T. C. Glaser. 1,475,484; Nov. 27.
Emblem. A. I. Russell. 1,475,320; Nov. 27.
Emblem, badge, brooch, pin, cuff button, watch fob, or similar article. C. B. Dyer. Des. 62,272; May 1.
Emblem badge, decalcomania, or article of similar nature. C. B. Raub. Des. 61,755; Jan. 2.
Emblem, button, brooch, fob, or similar article. V. L. Bentson. Des. 62,371; May 15.
Emblem holder. C. A. Bruch. 1,467,834; Sept. 11.
Emblem holder. R. W. Hamilton. 1,455,839; May 22.
Emblem or badge. R. E. Randall. Des. 63,237; Nov. 6.
Emblem or badge. W. M. Sexson. Des. 61,878; Feb. 6.
Emblem, pin, or button. E. O. Kiessig. Des. 63,559; Dec. 18.
Emblems and the like, Blank for. G. W. Heene. 1,455,289; May 15.
Embossing and cutting machine, Biscuit or like. T. and E. L. Vicars. 1,457,760; June 5.
Embossing machine. A. H. Bates. 1,448,374–5; Mar. 13.
Embossing machine, Foil-. J. Prudhomme. 1,455,172; May 15.
Embossing machine or press. C. A. Harnden. 1,466,714; Sept. 4.
Embroidered fabric. C. F. Ikle. Des. 63,136; Oct. 16.
Embroidered fabric. C. F. Iklé. Des. 63,179–82; Oct. 30.
Embroidering machine. H. F. and M. P. Gallagher. 1,450,031; Mar. 27.
Embroidering machine, Hand. F. Fischli. 1,471,689; Oct. 23.

Embroidering machines, Means for producing beaded embroidery on. M. Bretschneider. 1,441,557; Jan. 9.
Embroidery-cutting machine. L. Egger. 1,447,650; Mar. 6.
Embroidery frame. W. H. Gosch. 1,473,622; Nov. 13.
Embroidery implement, Hand-. G. S. Benevento. 1,469,353; Oct. 2.
Embroidery, lace, or similar article. W. R. Tobler. Des. 61,881; Feb. 6.
Embroidery machine. J. A. Levi and O. Ploetner. 1,442,622; Jan. 16.
Embroidery, Machine. E. O. Schüler. Des. 62,652; July 10.
Embroidery, Machine. E. O. Schüler. Des. 63,089; Oct. 2.
Embroidery machine. G. Sieber. 1,460,612; July 3.
Embroidery machines, Device for the production of crochet seams and patterns in. A. H. Meyer. 1,452,840; Apr. 24.
Embroidery machines, Embroidery needle for use in connection with multineedle. M. Bretschneider. 1,443,456; Jan. 30.
Embroidery tool. C. L. Creighton. 1,477,430; Dec. 11.
Embroidery trimming. A. A. Hodgkins. Des. 62,908; Aug. 21.
Embroidery work, Holding device for. J. A. Kirchgessner. 1,469,516; Oct. 2.
Emergency brake. A. C. Elliott. 1,455,576; May 15.
Emergency brake. A. Nelson and L. T. Dubois. 1,469,428; Oct. 2.
Emergency brake. J. W. Orr. 1,461,401; July 10.
Emergency brake. C. G. Savell. 1,455,666; May 15.
Emergency-brake lock. M. J. Fenlon. 1,440,823; Jan. 2.
Emergency unit. O. N. Wiswell and S. E. Allen. 1,456,167; May 22.
Emergency wheel. M. C. Chagnon. 1,447,758; Mar. 6.
Emery-wheel dresser. E. M. Pagelsen. 1,465,738; Aug. 21.
Emery-wheel-dressing tool. A. H. Finlayson. 1,466,393; Aug. 28.
Emery-wheel-dressing tool. R. P. Place. 1,468,395; Sept. 18.
Emery-wheel-dressing tools, Cutter for. F. C. Brandenburg. 1,441,780; Jan. 9.
Emery wheels, Dressing tool for. H. Morris. 1,457,452; June 5.
Emplacing apparatus. E. L. Wiegand. 1,476,126; Dec. 4.
Emptying device or emptier. G. M. Whitney. 1,459,485; June 19.
Emulsified compositions, Making. L. Kirschbraun. 1,469,563; Oct. 2.
Emulsifier, Centrifugal. C. F. Paul, jr. 1,473,734; Nov. 13.
Emulsifying apparatus. G. Grindrod. 1,461,653; July 10.
Emulsion and making same, Bituminous. L. Kirschbraun. 1,450,685; Apr. 3.
Emulsions, Making. W. P. Davey. 1,472,716; Oct. 30.
Emulsions, Making. K. P. McElroy. 1,444,844; Feb. 13.
Emulsions, Prevention of the formation of. E. E. Ayres, jr. 1,454,617; May 8.
Emulsions, Process of and apparatus for resolving. C. H. Hapgood. 1,474,670; Nov. 20.
Emulsions, Producing. E. E. Werner. 1,445,427; Feb. 13.
Emulsions, Resolving. E. E. Ayres, jr. 1,454,616; May 8.
Enamel and making the same. A. L. Duval d'Adrian. 1,443,813; Jan. 30.
Enamel composition. A. F. Pozdech. 1,452,219; Apr. 17.
Enamel-ware protector. A. E. Ployer. 1,447,180; Mar. 6.
Enameled ware, Marking. E. S. Denk. 1,473,903; Nov. 13.
Enameling. E. Berninghaus. 1,452,635; Apr. 24.
Enameling composition. H. F. Willkie. 1,449,157; Mar. 20.
Enameling furnace. F. C. Mackey and J. H. Gumz. 1,453,051; Apr. 24.
Enameling rack. W. D. Allen. 1,452,821; Apr. 24.
Enamels, Continuously melting vitreous. F. D. Cook. 1,460,888; July 3.
End gate. J. M. Gray. 1,450,364; Apr. 3.
End gate. T. L. Lilly. 1,465,521; Aug. 21.
End gate. S. Snyder. 1,440,564; Jan. 2.
End gate. F. J. Vonderharr. 1,454,003; May 1.
End gate. H. W. White and W. Lininger. 1,453,219; Apr. 24.
End-gate construction. I. F. Avery. 1,446,083; Feb. 20.
End gate, Dump. H. D. Wood. 1,475,915; Nov. 27.
End table. T. C. Cameron. Des. 63,281; Nov. 20.

Engine: *See*—
Beating engine.
Blowing engine.
Combustion engine.
Diesel engine.
Drilling engine.
Explosion engine.
Explosion rotating engine.
Explosive engine.
Gas engine.
Gasoline engine.
Hollander engine.
Hydraulic engine.
Internal-combustion engine.
Logging engine.
Oil engine.
Piston engine.
Rotary engine.
Steam engine.
Tidal engine.
Towing engine.
Two-cycle engine.
Two-stroke engine.
Two-stroke-cycle internal-combustion engine.
Winding engine.

Engine. H. Benskin. 1,449,726; Mar. 27.
Engine. A. R. Carter. 1,467,528; Sept. 11.
Engine. O. E. Clark. 1,445,996; Feb. 20.
Engine. A. Guaita. 1,440,825; Jan. 2.
Engine. W. S. Harley. 1,472,068; Oct. 30.
Engine. W. A. Holdinghausen. 1,469,836; Oct. 9.
Engine. J. D. MacLachlan. 1,467,734; Sept. 11.
Engine. L. L. Maiden. 1,470,462; Oct. 9.
Engine. C. W. Mott. 1,464,996; Aug. 14.
Engine. A. Monsen. 1,447,262; Mar. 6.
Engine. A. L. Powell. 1,478,357; Dec. 18.
Engine. H. T. Prosser. 1,452,572; Apr. 24.
Engine. D. G. Roos. 1,467,251; Sept. 4.
Engine. J. M. Sharp. 1,472,028; Oct. 23.
Engine. J. R. Warren. 1,449,469; Mar. 27.
Engine, Accelerator for internal-combustion. E. F. Bateman. 1,477,683; Dec. 18.
Engine and electric generator plant, Air-cooled internal-combustion. A. T. and C. S. Brown. 1,451,201; Apr. 10.
Engine and parts thereof, Internal-combustion. C. W. Philip. 1,462,654; July 24.
Engine assembly table. J. H. Staley. 1,444,757; Feb. 6.
Engine, Balancing disturbing forces and couples which are produced in a reciprocating. C. L. A. M. Leblanc. 1,472,012; Oct. 23.
Engine charge-forming device, Combustion-. J. Good. 1,460,667; July 3.
Engine, Combined internal-combustion and turbine. D. S. Atkinson and J. McKenzie. 1,456,479; May 22.
Engine construction, Method of and apparatus for detecting faulty. T. J. Brooks. 1,451,386; Apr. 10.
Engine construction, Rotary. J. E. Scott. 1,443,282; Jan. 23.
Engine control device, Compressed-air-. M. Dajka. 1,459,575; June 19.
Engine-controlled clutch-releasing means. R. I. Belcia. 1,470,272; Oct. 9.
Engine-controlling apparatus. W. B. S. Whaley. 1,446,109; Feb. 20.
Engine-controlling mechanism. F. C. Lindsey. 1,467,620; Sept. 11.
Engine-cooling fan. C. Luther and H. Moeller. 1,449,685; Mar. 27.
Engine-cooling system. F. X. Allen and S. Wilburn. 1,443,859; Jan. 30.
Engine-crank-case lubricant supplying and governing device. C. D. Duncan. 1,464,599; Aug. 14.
Engine-cranking device. E. Capouch. 1,452,592; Apr. 24.
Engine-cylinder-sleeve sealing means. A. A. Bull and R. C. Darnell. 1,473,139; Nov. 6.
Engine cylinders, Piston for. R. M. Howdeshell. 1,473,233; Nov. 6.
Engine equipment, Internal-combustion-. G. A. Safstrom. 1,477,188; Dec. 11.
Engine exhaust means. W. H. Fulton. 1,476,704; Dec. 11.
Engine fuel intakes, Mixing attachment for. J. W. Shaw. 1,473,052; Nov. 6.
Engine governor. C. G. Hartley. 1,466,164; Aug. 28.
Engine head. G. Szita. 1,474,452; Nov. 20.
Engine-hood protector. B. Hess. 1,456,236; May 22.
Engine indicator. H. D. Geyer. 1,456,847; May 29.
Engine, method and means for feeding same, Internal-combustion. D. Cole. 1,450,250; Apr. 3.
Engine operated by liquid fuel and working the same. K. O. Keller. 1,464,268; Aug. 7.
Engine piston. J. Thompson. 1,467,255–7; Sept. 4.
Engine piston, Internal-combustion. H. J. Houpert. 1,450,177; Apr. 3.
Engine plants, Controlling means for internal-combustion-. E. Kägi. 1,452,561; Apr. 24.
Engine preheater. J. Good. 1,453,669; May 1.
Engine preheater. J. Good. 1,456,980; May 29.
Engine-priming device F. D. Sweet. 1,450,929; Apr. 10.
Engine, pump, and the like, Rotary. J. Robertson. 1,445,559; Feb. 13.
Engine, Pump-operating. O. J. Jones. 1,447,084; Feb. 27.
Engine rolls, Indicator for beating. K. Stuart. 1,446,357; Feb. 20.
Engine, Rotary two-cycle superinduction. B. F. Augustine. 1,442,596; Jan. 16.
Engine shaft, clutch, and transmission, Combined. W. S. Harley. Re15,578; Apr. 17.
Engine starter. V. Bendix. 1,466,945; Sept. 4.
Engine starter. V. Bendix. 1,467,602; Sept. 11.
Engine starter. V. Bendix. 1,468,623; Sept. 25.
Engine starter. V. Bendix. 1,475,677; Nov. 27.
Engine starter. V. Bendix. 1,477,863; Dec. 18.
Engine starter. O. Brisbois. 1,466,926; Sept. 4.
Engine starter. A. E. Buchenberg. 1,459,358; June 19.
Engine starter. E. I. Deutsch. 1,459,618; June 19.
Engine starter. W. H. Hutchins. 1,459,025; June 19.
Engine starter. A. T. Kirk. 1,474,371; Nov. 20.
Engine starter. J. Maas. 1,449,865; Mar. 27.
Engine starter. W. L. McGrath. 1,446,852; Feb. 27.
Engine starter. W. L. McGrath. 1,457,118; May 29.
Engine starter. W. L. McGrath. 1,462,973; July 24.
Engine starter. J. H. Richards. 1,440,697; Jan. 2.
Engine starter. B. J. Steen. 1,442,366; Jan. 16.
Engine starter. J. B. Turner. 1,447,446; Mar. 6.
Engine starter, Field. C. P. Breese. 1,471,379; Oct. 23.
Engine-starter gearing. M. L. Hillmer and L. O. Parker. 1,463,211; July 31.

Alphabetical list of inventions—Continued.

Engine-starting apparatus. A. H. Abell. 1,474,010; Nov. 13.
Engine-starting apparatus. M. Hirsch. 1,445,949; Feb. 20.
Engine-starting apparatus. A. A. Kent. 1,464,714; Aug. 14.
Engine-starting apparatus. C. Marcus. 1,445,903; Feb. 20.
Engine-starting apparatus. L. M. Woolson. 1,467,823; Sept. 11.
Engine-starting device. W. R. and K. I. Goodman. 1,467,033; Sept. 4.
Engine-starting mechanism. C. P. Brockway. 1,456,493; May 22.
Engine-starting system. J. K. Delano. 1,455,717; May 15.
Engine-stopping device. M. P. Wolfe. 1,449,026; Mar. 20.
Engine-supporting stand. N. Nielsen. 1,450,511; Apr. 3.
Engines, Accelerator for motor-car. W. A. Nordstrom. 1,452,982; Apr. 24.
Engines acting on a common crank, Connection for connecting rods of reciprocatory. G. Silvestri. 1,469,827; Oct. 9.
Engines, Adjustable piston for. H. B. Goodhart. 1,474,470; Nov. 20.
Engines, Adjustable timing of oil. W. J. Woodcock. 1,443,777; Jan. 30.
Engines, Air auxiliary supply means for internal-combustion. T. A. Edison, jr. 1,452,829; Apr. 24.
Engines, Air cleaning and heating attachment for internal-combustion. F. H. Adams. 1,463,416; July 31.
Engines, Air-compressing attachment for. C. A. Cox. 1,455,601; May 15.
Engines, Air-cooling system for internal-combustion. L. B. Doman. 1,469,409; Oct. 2.
Engines, Air filter for. A. R. Dressler. 1,451,329; Apr. 10.
Engines, Air inlet and mixing device for internal-combustion. F. C. Tabler. 1,468,048; Sept. 18.
Engines, Air inspirator for. W. W. Hallinan. 1,473,726; Nov. 13.
Engines, Air moistener for internal-combustion. B. C. Alvord and C. A. Gilmer. 1,444,897; Feb. 13.
Engines, Air-preheating attachment for internal combustion. W. C. Johnson. 1,443,414; Jan. 30.
Engines and analogous uses, Split piston for internal-combustion. G. T. Lewis. 1,462,089; July 17.
Engines and forming the same, Composite metal structure for internal-combustion. C. H. Wills. 1,441,468; Jan. 9.
Engines and forming the same, Hot pot for explosive. H. F. Shepherd. 1,466,346; Aug. 28.
Engines and like purposes, Pump for feeding liquid-fuel. E. H. Tartrais. 1,471,221; Oct. 16.
Engines and the like, Pressure indicator for internal-combustion. J. Okill. 1,467,558; Sept. 11.
Engines and the like purposes, Ignition system for internal-combustion. H. Hörig. 1,444,836; Feb. 13.
Engines and transmission, Mounting for automotive. C. S. Ricker. 1,442,235; Jan. 16.
Engines, Apparatus for controlling the ignition point in internal-combustion. E. Dodson. 1,466,470; Aug. 28.
Engines, Apparatus for distributing the combustible fluid and air in explosion. E. Schneider. 1,441,302; Jan. 9.
Engines, Apparatus for feeding oil to internal-combustion. C. L. Stokes. 1,444,219; Feb. 6.
Engines, Apparatus for supplying gas to internal-combustion. H. H. Neff. 1,447,809; Mar. 6.
Engines, Atomizing gasket for internal-combustion. G. Bailey, jr. 1,449,256; Mar. 20.
Engines, Attachment for carding. R. P. Hamilton. 1,441,850; Jan. 9.
Engines, Attachment for internal-combustion. J. Stutika. 1,450,652; Apr. 3.
Engines, Attachment for internal-combustion. W. W. Whetstine. 1,453,560; May 1.
Engines, Automatic air device for internal-combustion. C. A. Rivers. 1,463,909; Aug. 7.
Engines, Automatic controlling means for the ignition timing in internal-combustion. C. K. Edwards and D. E. Batty. 1,460,056; June 26.
Engines, Automatic feeder for carding. J. W. Walker. 1,476,476; Dec. 4.
Engines, Automatic fuel-economizing apparatus for internal-combustion. R. Platt-Hepworth. 1,474,686; Nov. 20.
Engines, Automatic temperature regulator for internal-combustion. W. C. Carter. 1,443,978; Feb. 6.
Engines, Auxiliary air-inlet device for internal-combustion. C. N. Snagg. 1,457,403; June 5.
Engines, Auxiliary air inlet for internal-combustion. P. C. J. Paffrath. 1,475,862; Nov. 27.
Engines, Auxiliary air valve for internal-combustion. A. Wagner. 1,453,296; May 1.
Engines, Auxiliary water vapor and air valve for internal-combustion. O. R. Rader. 1,472,438; Oct. 30.
Engines, Bedplate for beater. D. Stuart. 1,471,218; Oct. 16.
Engines, Burner for internal-combustion. E. L. Lowe. 1,450,691; Apr. 3.
Engines, Burner for internal-combustion. E. L. Lowe. 1,454,972; May 15.
Engines, Burning fuel oil in internal-combustion. E. L. Lowe. 1,462,514; July 24.
Engines, Carburation of air for internal-combustion. G. Hamilton-Grapes. 1,471,599; Oct. 23.
Engines, Carbureting apparatus for internal-combustion. J. B. Bartholomew. 1,462,845; July 24.
Engines, Carbureting apparatus for internal-combustion. W. L. O'Neill. 1,452,699; Apr. 24.
Engines, Carburetor for explosion. J. S. Staples. 1,442,103; Jan. 16.
Engines, Carburetor for internal-combustion. A. R. Nelson. 1,445,100; Feb. 13.
Engines, Carburetor for internal-combustion. J. A. Newell. 1,442,535; Jan. 16.
Engines, Carburetor for internal-combustion. D. Pordes. 1,477,280; Dec. 11.
Engines, Charge-condition apparatus for internal-combustion. W. J. Giese. 1,471,598; Oct. 23.
Engines, Charge heater for internal-combustion. H. B. Vested. 1,444,816; Feb. 13.
Engines, Combined atomizer and vaporizer for oil. A. C. Smith. 1,463,849; Aug. 7.
Engines, Combined cooling and carbureting system for internal-combustion. A. J. Charlton. 1,458,974; June 19.
Engines, Combined spark intensifier and detector for internal-combustion. C. H. Bedingfield. 1,451,808; Apr. 17.
Engines, Compound piston for internal-combustion. P. J. Miller. 1,444,423; Feb. 6.
Engines, Compression-relieving mechanism for internal-combustion. H. Demers. 1,459,906; June 26.
Engines, Construction for internal-combustion. R. S. Blair. 1,472,899; Nov. 6.
Engines, Controlling internal-combustion. R. Riege. 1,467,333; Sept. 11.
Engines, Cooler attachment for. H. N. Schofield. 1,453,528; May 1.
Engines, Cooling device for internal-combustion. J. B. Simler. 1,457,005; May 29.
Engines, Cooling-liquid-pump mounting for internal-combustion. A. A. Bull. 1,461,711; July 10.
Engines, Cooling system for internal-combustion. S. A. Moss. 1,456,072; May 22.
Engines, Cooling system for internal-combustion. C. R. Short. 1,457,944; June 5.
Engines, Cooling system for rotary internal-combustion. C. L. and L. F. Ragot. 1,475,510; Nov. 27.
Engines, Crosshead design for reciprocating. R. Hildebrand. 1,455,334; May 15.
Engines, Cut-out for mufflers of explosive. E. Brookins. 1,468,492; Sept. 18.
Engines, Cylinder-cooling system of internal-combustion. H. G. Harley. 1,447,548; Mar. 6.
Engines, Cylinder-oiler control for. P. H. Gentzel. 1,447,944; Mar. 6.
Engines, Decarbonizing attachment for internal-combustion. R. S. Eggleston. 1,476,241; Dec. 4.
Engines. Device for operating upon the cards of carding. J. J. Smith. 1,457,467; June 5.
Engines, Device for supplying oil to internal-combustion. W. F. M. Rose. 1,440,554; Jan. 2.
Engines, Diluting device for internal-combustion. W. B. Stockman. 1,471,983; Oct. 23.
Engines, Distributor for gas. C. L. Atkinson. 1,447,745; Mar. 6.
Engines, Draft-control structure for locomotive. R. H. Kautzky. 1,475,835; Nov. 27.
Engines, Electric regulator for internal-combustion. H. Ogden. 1,444,425; Feb. 6.
Engines, Electric signal for internal-combustion. A. C. Wood. 1,478,090; Dec. 18.
Engines, Electric starter for internal-combustion. A. Barényi and P. Kaemmerer. 1,476,322; Dec. 4.
Engines, Electric starter for internal-combustion. O. Brisbois. 1,451,530; Apr. 10.
Engines, Electrical ignition system for internal-combustion. J. L. Milton. 1,471,345; Oct. 23.
Engines, Electrical starter for explosive. G. K. Knapp. 1,447,477; Mar. 6.
Engines, Electrically-heated vaporizer for internal-combustion. F. J. and J. S. Reed. 1,466,248; Aug. 28.
Engines, Exhaust and water discharge for. E. V. Gara. 1,478,948; Dec. 25.
Engines, Exhaust silencer for internal-combustion. C. G. Pullin. 1,452,435; Apr. 17.
Engines, Exhaust silencer for internal-combustion. J. Reed. 1,447,688; Mar. 6.
Engines, Feed fuel for explosion. W. E. Walden. 1,464,592; Aug. 14.
Engines, Feed pump for combustion. F. Egersdörfer. 1,466,092; Aug. 28.
Engines, Frame suspension for traction. E. E. Wickersham. 1,455,465; May 15.
Engines from gas derived from calcium carbide, Means and method for operating combustion. R. J. Meyers. 1,477,710; Dec. 18.
Engines, Fuel admission device for internal-combustion H. R. Ricardo. 1,469,956; Oct. 9.
Engines, Fuel-charge vaporizer for internal-combustion. T. H. Johnston. 1,441,809; Jan. 9.
Engines, Fuel control for internal-combustion. W. L. Lightford. 1,473,303; Nov. 6.

Engines, Fuel-control mechanism for internal-combustion. H. L. Tygard and G. M. Hamilton. 1,449,074; Mar. 20.
Engines, Fuel device for internal-combustion. I. Kodama. 1,459,306; June 19.
Engines, Fuel economizer for explosion. R. C. Wattellier. 1,469,861; Oct. 9.
Engines, Fuel-economizing device for internal-combustion. J. C. Henry. 1,461,659; July 10.
Engines, Fuel-feeding device for internal-combustion. A. G. Larson. 1,451,228; Apr. 10.
Engines, Fuel-fogging device for internal-combustion. F. C. Mock. 1,473,999; Nov. 13.
Engines, Fuel heater for internal-combustion. A. B. and H. A. Broluska. 1,467,225; Sept. 4.
Engines, Fuel-injecting device for internal-combustion. K. J. E. Hesselman. 1,457,701; June 5.
Engines, Fuel mixer for internal-combustion. A. Rogers. 1,446,397; Feb. 20.
Engines, Fuel mixer for internal-combustion. A. Rogers. 1,474,791; Nov. 20.
Engines, Fuel-mixing device for internal-combustion. J. B. Chace. 1,448,828; Mar. 20.
Engines, Fuel-passage lock for internal-combustion. M. T. Vandervoort. 1,476,741; Dec. 11.
Engines, Fuel preheater for internal-combustion. W. C. Rodabush and F. Schlueter. 1,465,785; Aug. 21.
Engines, Fuel-preparing apparatus for gas. F. G. Wright. 1,455,183; May 15.
Engines, Fuel pump for internal-combustion. K. J. E. Hesselman. 1,465,474; Aug. 21.
Engines, Fuel pump for internal-combustion. J. Leroy. 1,455,628; May 15.
Engines, Fuel pump for internal-combustion. E. H. Tartrais. 1,455,125; May 15.
Engines, Fuel saver for internal-combustion. E. B. Fargo. 1,440,532; Jan. 2.
Engines, Fuel-supply apparatus for internal-combustion. R. R. Bollman. 1,441,209; Jan. 9.
Engines, Fuel-supply pump for internal-combustion. H. F. Leissner. 1,452,428; Apr. 17.
Engines, Fuel system for internal-combustion. D. G. Roos. 1,441,028; Jan. 2.
Engines, Fuel system for internal-combustion. A. Rosner. 1,444,852; Feb. 13.
Engines, Fuel system for internal-combustion. A. Rosner. 1,451,631; Apr. 10.
Engines, Fuel vaporizer for explosive. M. Beck. 1,472,264; Oct. 30.
Engines, Fuel-vaporizing attachment for internal-combustion. H. H. Timian. 1,448,368; Mar. 13.
Engines, Gas generator for internal-combustion. N. Leisten and C. Senn. 1,456,986; May 29.
Engines, Gas guard and lubricator for steam. J. P. Ryder. 1,456,011; May 22.
Engines, Gas mixer for internal-combustion. B. C. Wysong. 1,446,283; Feb. 20.
Engines, Gasoline filter for internal-combustion. C. L. Lehmann. 1,477,885; Dec. 18.
Engines, Governing device for internal-combustion. E. Moore. Re15,650; July 10.
Engines, Governing mechanism for internal-combustion. H. Kent-Norris. 1,472,869; Nov. 6.
Engines, Governor for elastic-fluid. D. C. Prince. 1,465,091; Aug. 14.
Engines, Governor for explosive. N. Pederson. 1,455,807; May 22.
Engines, Governor for internal-combustion. G. W. Pierce. 1,441,022; Jan. 2.
Engines, Governor for internal-combustion. P. F. Shivers and J. F. Lindberg. 1,456,284; May 22.
Engines, Governor for steam. M. Brunet. 1,455,568; May 15.
Engines, Hand starting device for internal-combustion. J. A. Downham. 1,476,497; Dec. 4.
Engines, Heat control of mixture for internal-combustion. L. R. Smith. 1,448,008; Mar. 13.
Engines, Heater for internal-combustion. E. L. Wiegand. 1,478,415; Dec. 25.
Engines, Humidifier for internal-combustion. W. H. Marshall. 1,459,183; June 19.
Engines, Humidifying and filtering device for internal-combustion. E. E. La Rose. 1,458,657; June 12.
Engines, Hydraulic governor for hydrocarbon. W. W. Wakelee. 1,464,960; Aug. 14.
Engines, Ignition device for internal-combustion. A. Erickson. 1,467,269–70; Sept. 4.
Engines, Ignition device for internal-combustion. E. A. Gosnell. 1,461,088; July 10.
Engines, Ignition device for internal-combustion. E. N. Lightfoot. 1,454,549; May 8.
Engines, Ignition device for internal-combustion. E. H. Tartrais. 1,463,855; Aug. 7.
Engines, Ignition regulator for internal-combustion. G. Wirrer. 1,461,339; July 10.
Engines, Ignition system for combustion. W. C. Heath. 1,452,601; Apr. 24.
Engines, Ignition system for internal-combustion. A. Hedin. 1,448,535. Mar. 13.
Engines, Ignition system for internal-combustion. G. Plumm. 1,459,252; June 19.
Engines, Ignition system for internal-combustion. C. C. Puckette. 1,445,709; Feb. 20.
Engines, Ignition timer for internal-combustion. V. Shearer. 1,465,740; Aug. 21.
Engines, Ignition timer for internal-combustion. V. Shearer. 1,468,885; Sept. 25.
Engines, Ignition timer for internal-combustion. V. Shearer. 1,471,865; Oct. 23.
Engines, Ignition-wiring and conductor for internal-combustion. D. H. Ladd. 1,462,706; July 24.
Engines, Impulse starter and ignition booster for internal-combustion. L. C. Hall. 1,473,725; Nov. 13.
Engines, Injection mechanism for internal-combustion. J. T. Dickson. 1,440,913; Jan. 2.
Engines in motor cars and the like, Apparatus for preventing the bursting by freezing of water-circulation systems for combustion. G. E. Jonsson. 1,473,562; Nov. 6.
Engines, Intake manifold for internal-combustion. G. M. Ball. 1,454,596; May 8.
Engines, Intake manifold for internal-combustion. E. Bossi. 1,471,822; Oct. 23.
Engines, Intake manifold for internal-combustion. H. P. Fesenmaier. 1,459,724; June 26.
Engines, Intake manifold for internal-combustion. H. Le Van Horning. 1,475,556; Nov. 27.
Engines, Intake manifold for internal-combustion. J. L. Yarian. 1,472,449; Oct. 30.
Engines, Intake silencer for internal-combustion. J. Reed. 1,468,398; Sept. 18.
Engines, Liquid-elevating device for motor-vehicle. H. B. Grant. 1,451,158; Apr. 10.
Engines, Liquid-fuel-feeding device for internal-combustion. O. Schulze. 1,443,720; Jan. 30.
Engines, Locating knocks in explosive. E. A. Hammett. 1,464,817; Aug. 14.
Engines, Lubricating device for internal-combustion. C. B. Kirkham. 1,447,788; Mar. 6.
Engines, Lubricating pump for. H. Hull. 1,467,619; Sept. 11.
Engines, Lubricating system for internal-combustion. C. R. Short. 1,444,279; Feb. 6.
Engines, Manifold for gasoline. P. Samuels. 1,457,003; May 29.
Engines, Manifold for multicylinder internal-combustion. A. P. Brush. 1,443,944; Feb. 6.
Engines, Manifold mixer for gas. G. Palizza. 1,471,704; Oct. 23.
Engines, Means for controlling the ignition circuits of automobile. R. Watson. 1,422,312–13; Jan. 16
Engines, Means for controlling the supply of mixture to internal-combustion. G. Keith and W. A. Whatmough. 1,456,604; May 29.
Engines, Means for delivering gas to internal-combustion. R. Hall. 1,442,802; Jan. 23.
Engines, Means for detecting and indicating defective sparking plugs in the ignition systems of internal-combustion. S. L. Varvel. 1,448,951; Mar. 20.
Engines, Means for heating combustible mixture for internal-combustion. H. D. Church. 1,464,466; Aug. 7.
Engines, Means for heating intake manifolds for internal-combustion. J. R. Francis. 1,447,975; Mar. 13.
Engines, Mechanism for removing carbon from cylinders of internal-combustion. A. G. Thomas. 1,473,688; Nov. 13.
Engines, Method and means for controlling internal-combustion. C. G. Pullin. 1,456,337; May 22.
Engines, Method and means for starting combustion. J. Good. 1,469,903; Oct. 9.
Engines, Method of and apparatus for controlling internal-combustion. I. H. Wilsey. 1,476,315–16; Dec. 4.
Engines, Method of and means for feeding carbureted air to internal-combustion. W. F. Pagel. 1,447,398; Mar. 6.
Engines, Miss detector for internal-combustion. F. H. Valiton. 1,477,732; Dec. 18.
Engines, Mixer for gas. G. R. Hudson. 1,450,550; Apr. 3.
Engines, Mixing device for internal-combustion. M. S. Monks. 1,457,989; June 5.
Engines, Muffler for gas. J. H. B. Rea. 1,447,037; Feb. 27.
Engines, Muffler for internal-combustion. H. T. Thomas. 1,454,986; May 15.
Engines of motor vehicles, Air-cooling system for. A. H. Fox. 1,464,357; Aug. 7.
Engines of motor vehicles, Apparatus for automatically starting. A. Goodheim. 1,459,726; June 26.
Engines of the hot-bulb type before starting, Apparatus for electric heating of. G. Petter. 1,441,711; Jan. 9.
Engines, Oil-cooling system for internal-combustion. M. M. McCoy. 1,440,689; Jan. 2.
Engines, Oil gauge for internal-combustion. J. E., C. L. B., and J. D. Karl. 1,475,268; Nov. 27.
Engines, Oil governor for compressor. J. W. Jones. 1,453,681; May 1.
Engines, Oil pan for internal-combustion. W. Spears. 1,477,016; Dec. 11.
Engines, Oil seal and piston ring for internal-combustion. C. A. Wefing. 1,444,407; Feb. 6.
Engines, Oiler for. W. A. Rarig. 1,461,325; July 10.
Engines on motor cycles, Novel device for securing. C. Frangenburg. 1,461,869; July 17.

Engines, Piston and crank connection for. W. H. Callan and T. P. Kimman. 1,452,955; Apr. 24.
Engines, Piston for. C. E. Hatch. 1,476,751; Dec. 11.
Engines, Piston for internal-combustion. W. A. Hazlewood. 1,478,608; Dec. 25.
Engines, Piston for internal-combustion. K. N. Matthews. 1,476,264; Dec. 4.
Engines, Piston for internal-combustion. M. E. D. Sorel. 1,475,520; Nov. 27.
Engines, Piston for internal-combustion. A. Winton. 1,463,644; July 31.
Engines, Piston for internal-combustion. J. Wolk. 1,459,664; June 19.
Engines, Piston for internal-combustion and other. W. T. Cave. 1,478,733; Dec. 25.
Engines, Piston-position indicator for. W. L. Schoonover. 1,449,554; Mar. 27.
Engines, Poppet valve for internal-combustion. G. R. Rich. 1,441,450; Jan. 9.
Engines, Poppet valve for internal-combustion. F. D. Shepherd. 1,440,937; Jan. 2.
Engines, Power-reverse gear for steam. W. F. Kiesel, jr. 1,449,947; Mar. 27.
Engines, Pressure-feed system for internal-combustion. E. A. Rockwell. 1,470,484; Oct. 9.
Engines, Primer and auxiliary fuel device for internal-combustion. M. G. Kopf. 1,448,752; Mar. 20.
Engines, Primer for gas. J. D. P. Lewis. 1,446,258; Feb. 20.
Engines, Primer for internal-combustion. C. S. Burton. 1,453,270; May 1.
Engines, Priming attachment for internal-combustion. R. M. Watson. 1,474,219; Nov. 13.
Engines, Priming device for internal-combustion. C. E. Chapman. 1,460,886; July 3.
Engines, Priming device for internal-combustion. D. Roesch. 1,451,434; Apr. 10.
Engines, pumps, and the like, Connecting rod and the cooperating parts of. L. H. Hounsfield. 1,474,591; Nov. 20.
Engines, Radiator device for gas. L. P. Barlow. 1,460,360; June 26.
Engines, Radiator for internal-combustion. S. J. Matthews. 1,475,308; Nov. 27.
Engines, Reatomizer attachment for internal-combustion. J. D. Bridgers. 1,463,496; July 31.
Engines, Removing the pistons from piston. V. Rembold. 1,469,267; Oct. 2.
Engines, Rocker-arm mounting for internal-combustion. K. R. Manville. 1,469,480; Oct. 2.
Engines, Rotary valve for internal-combustion. M. O. Anthony. 1,454,423; May 8.
Engines, Rotary valve for internal-combustion. A. E. Olson. 1,443,035; Jan. 23.
Engines, Scoop attachment for traction. A. Laurie. 1,477,136; Dec. 11.
Engines, Secondary air-supply means for internal-combustion. A. G. France. 1,467,617; Sept. 11.
Engines, Silencer for internal-combustion. C. Parolini and G. Perron. 1,459,797; June 26.
Engines, Silencer for use in connection with internal-combustion. R. G. Allan. 1,468,895; Sept. 25.
Engines, Spark and gas control for internal-combustion. B. F. Hess. 1,444,744; Feb. 6.
Engines, Spark plug for explosive. A. E. Ehmke. 1,471,309; Oct. 16.
Engines, Sparking plug for internal-combustion. H. F. Holworthy. 1,452,118; Apr. 17.
Engines, Sparking plug for internal-combustion. J. P. Reijnhout. 1,445,712; Feb. 20.
Engines, Speed governor for internal-combustion. E. R. Pierce. 1,461,933; July 17.
Engines, Spray carburetor for internal-combustion. B. Adler. 1,457,134; May 29.
Engines, Starter for combustion. A. K. Bonta. 1,440,815; Jan. 2.
Engines, Starter for explosive. G. H. Gunderson. 1,475,815; Nov. 27.
Engines, Starter for internal-combustion. E. P. Sommers. 1,457,946; June 5.
Engines, Starting and ignition system for internal-combustion. A. E. Buchenberg. 1,440,528; Jan. 2.
Engines, Starting and lighting device for internal-combustion. R. H. Whisler and S. G. Baits. 1,468,430; Sept 18.
Engines, Starting device for internal-combustion. E. Friedrichs. 1,447,464; Mar. 6.
Engines, Starting device for internal-combustion. S. Jencick. 1,470,447; Oct. 9.
Engines, Starting mechanism for internal-combustion. H. H. Gordon. 1,475,485; Nov. 27.
Engines, System of control for the carbureting and igniting devices of internal-combustion. W. G. Will. 1,460,462; July 3.
Engines, System of lubricating gas. E. O. Sterns. 1,464,733; Aug. 14.
Engines, System of lubricating gas. E. O. Sterns. 1,466,857; Sept. 4.
Engines, Temperature-indicating system and apparatus for internal-combustion. H. H. Boyce. 1,454,149; May 8.
Engines, Temperature regulator for cooling systems of internal-combustion. L. W. Jones. 1,463,510; July 31.
Engines, Thermostatic controlling means for internal-combustion. H. P. Milker. 1,477,277; Dec. 11.
Engines, Thermostatic heat control for internal-combustion. J. R. Francis. 1,464,759; Aug. 14.
Engines, Thermo system for internal-combustion. W. B. Ingram. 1,455,335; May 15.
Engines, Timer for ignition systems for internal-combustion. J. Galamb. 1,463,946; Aug. 7.
Engines, Timer for internal-combustion. L. A. Eckermann. 1,452,419; Apr. 17.
Engines, Timer for internal-combustion. E. Harris. 1,478,652; Dec. 25.
Engines, Timing device for internal-combustion. A. A. Lazier. 1,463,474; July 31.
Engines, Unitary transmission and pump for motor-driven fire. C. E. Bathrick. 1,463,569; July 31.
Engines, Vacuum tank for internal-combustion. H. B. Coats. 1,445,390; Feb. 13.
Engines, Valve-actuating lever for internal-combustion. P. J. R. Postel-Vinay. 1,467,964; Sept. 11.
Engines, Valve-actuating rod for internal-combustion. W. M. Anderson. 1,443,940; Feb. 6.
Engines, Valve for internal-combustion. A. C. Stewart. 1,452,622; Apr. 24.
Engines, Valve gear for internal-combustion. P. W. Murphy. 1,466,144; Aug. 28.
Engines, Valve lappet for internal-combustion. G. R. Rich. 1,449,193; Mar. 20.
Engines, Valve mechanism for internal-combustion. D. F. Asbury. 1,478,596; Dec. 25.
Engines, Valve mechanism for internal-combustion. A. Y. Edwards. 1,458,223; June 12.
Engines, Valve mechanism for internal-combustion. C. H. Matthiessen, jr. 1,453,801; May 1.
Engines, Valve mechanism for steam. M. P. Osbourn. 1,445,794; Feb. 20.
Engines, Valve-operating mechanism for internal-combustion. L. V. Pence. 1,475,965; Dec. 4.
Engines, Valve-spring lifter for automobile and other. D. Clerico. 1,469,453; Oct. 2.
Engines, Vapor-controlling system for. R. J. Sweet. 1,448,167; Mar. 13.
Engines, Vaporizer and mixer for internal-combustion. J. Askins. 1,460,470; July 3.
Engines, Vaporizer for combustion. M. C. Loesch. 1,452,883; Apr. 24.
Engines, Vaporizer for gasoline. R. P. U. Parnell. 1,446,721; Feb. 27.
Engines, Vaporizer for hydrocarbon. C. A. Wulf. 1,478,092; Dec. 18.
Engines, Vaporizer for internal-combustion. R. J. Berard. 1,464,899; Aug. 14.
Engines, Vaporizer for internal-combustion. A. J. Taylor, jr., and C. E. Harper, jr. 1,472,233; Oct. 30.
Engines, Vaporizing attachment for internal-combustion. J. Medveczky. 1,474,909; Nov. 20.
Engine vaporizing attachment, Internal-combustion. L. L. Patterson. 1,474,605; Nov. 20.
Engines, Vaporizing device for gasoline. C. D. Turner. 1,467,126; Sept. 4.
Engines, Water-circulating pump for. P. F. Schryer. 1,467,120; Sept. 4.
Engines, Water-circulating system for internal-combustion. E. Opferkuck. 1,466,803; Sept. 4.
Engines, Water circulator for auto. G. Muller and M. B. Hill. 1,462,042; July 17.
Engines, Water circulator for gas. F. B. and V. J. Nims. 1,459,160; June 19.
Engines, Water-cooling apparatus for gas. S. Bowman. 1,458,321; June 12.
Engines, Water-cooling device for internal-combustion. G. McArthur, C. Colpus, W. J. Scammell, and W. F. Thompson. 1,443,870; Jan. 30.
Engraver's transferring device. E. B. Steele. 1,457,469; June 5.
Engraving machine. C. C. Bruckner. 1,462,682; July 24.
Engraving machine. B. R. Corley. 1,450,136; Mar. 27.
Engraving machine. H. G. Turner. 1,471,869; Oct. 23.
Engraving machine. R. Wetzer and C. Nube. 1,452,858; Apr. 24.
Ensilage cutter. E. W. Silver. 1,461,764; July 17.
Ensilage follower. F. W. Bright. 1,471,940; Oct. 23.
Ensilage packer. L. D. Darrow. 1,458,809; June 12.
Ensilage packer. E. D. Kilmartin. 1,476,620; Dec. 4.
Entertainment apparatus, Synchronous operation of. W. H. Bristol. 1,452,063; Apr. 17.
Envelope. E. F. Ahlquist. 1,455,419; May 15.
Envelope. H. Y. Armstrong. 1,448,179; Mar. 13.
Envelope. S. Benenato. 1,453,616; May 1.
Envelope. J. W. Bunker and A. M. Boney. 1,466,420; Aug. 28.
Envelope. E. F. Cross. 1,476,495; Dec. 4.
Envelope. W. H. Deubener. 1,461,727; July 17.
Envelope. J. L. Dickinson. 1,444,497; Feb. 6.
Envelope. W. L. Dodge. 1,454,043; May 8.
Envelope. A. D. Field. 1,453,758; May 1.
Envelope. P. W. Markowitz. 1,456,325; May 22.
Envelope. O. Mautner. 1,467,803; Sept. 11.
Envelope. J. J. McDermott. 1,464,435; Aug. 7.
Envelope. W. P. Noha. 1,467,393; Sept. 11.
Envelope. T. and E. C. O'Donnell. 1,468,071; Sept. 18.
Envelope. J. Osenkowski. 1,465,284; Aug. 21.

Envelope. N. Papparodis. 1,478,248; Dec. 18.
Envelope. F. J. Parks. 1,459,414; June 19.
Envelope. I. R. Parsons. Des. 62,259; Apr. 24.
Envelope. H. E. Salter. 1,453,189; Apr. 24.
Envelope. J. F. Sherlock. 1,446,669; Feb. 27.
Envelope. C. O. Stemen. 1,446,073; Feb. 20.
Envelope. N. Sternheimer. 1,470,335; Oct. 9.
Envelope. W. Szczerba. 1,461,635; July 10.
Envelope. H. L. Tuers. 1,477,157; Dec. 11.
Envelope. C. R. Williams. 1,473,329; Nov. 6.
Envelope and letter sheet, Combined. H. Harris. 1,461,879; July 17.
Envelope and the like. A. J. G. Westbury and H. Hiscock. 1,454,361; May 8.
Envelope blanks, Method of and apparatus for cutting deckle-edged. C. W. Lynch. 1,474,048; Nov. 13.
Envelope clasp. E. Schinscholl. 1,476,650; Dec. 4.
Envelope-closing device. G. Stultz. 1,440,506; Jan. 2.
Envelope-closing means. F. Clarke. 1,454,701; May 8.
Envelope closure. J. H. Goodier. 1,472,647; Oct. 30.
Envelope, Combination. G. W. Hall. 1,474,194; Nov. 13.
Envelope-delivery device. J. C. Gunderson. 1,466,161; Aug. 28.
Envelope-delivery machine. D. Colosi. 1,455,241; May 15.
Envelope, Doubleseal. T. F. Bradley. 1,448,429; Mar. 13.
Envelope, Duplex. W. H. Hackley. 1,458,829; June 12.
Envelope, Duplex. J. Sawdon. 1,470,291; Oct. 9.
Envelope fastener. F. W. Curnan. 1,445,298; Feb. 13.
Envelope fastener. F. W. Curnan. 1,464,240; Aug. 7.
Envelope fastener. E. F. Nissen. 1,456,036; May 22.
Envelope-fastening device. P. L. Andrews. 1,474,876; Nov. 20.
Envelope-feeding attachment. J. C. Gunderson. 1,459,179; June 19.
Envelope-feeding mechanism. C. L. Post. 1,460,603; July 3.
Envelope filling and closing machine. J. D. Lane and J. Macnaughtan. 1,446,256; Feb. 20.
Envelope-filling machine. P. J. Wooldridge. 1,454,008; May 1.
Envelope folder. J. H. Etheridge. 1,459,092; June 19.
Envelope, Forwarding. A. B. Ashby. 1,470,051; Oct. 9.
Envelope, Letter. J. O. B. Titel. 1,447,825; Mar. 6.
Envelope, Locking-tongue. G. R. Perry. 1,461,016; July 3.
Envelope machine. E. F. Nisson. 1,461,827; July 17.
Envelope-making machine. F. J. Parks and W. Bodge. 1,442,091; Jan. 16.
Envelope-making machines, Bodily removable creasing and folding box mechanism for. A. E. Augustine. 1,445,815; Feb. 20.
Envelope-making machines, Elevator-control mechanism for. A. E. Augustine. 1,456,665; May 29.
Envelope-making machines, End-flap-folding mechanism for. A. E. Augustine. 1,473,693; Nov. 13.
Envelope-making machines, Feeler and counter mechanism for. A. E. Augustine. 1,464,306; Aug. 7.
Envelope-making machines, Removable drying-chain mechanism for. A. E. Augustine. 1,461,746; July 17.
Envelope moistener. A. J. Schaub, sr. 1,457,605; June 5.
Envelope, Novelty. W. E. Lover. 1,462,513; July 24.
Envelope opener. J. Starkl. 1,474,856; Nov. 20.
Envelope opener. H. E. Swenson. 1,473,526; Nov. 6.
Envelope, Paper. S. J. Aumiller. 1,448,104; Mar. 13.
Envelope, Pay. S. Guthman. 1,449,282; Mar. 20.
Envelope, postal wrapper, or the like. A. Samuel. 1,463,442; July 31.
Envelope, Record coupon. A. E. Lindenschmidt. 1,464,912; Aug. 14.
Envelope, Safety. E. F. Ahlquist. 1,440,362; Jan. 2.
Envelope, Safety. G. Doutney. 1,470,715; Oct. 16.
Envelope, Safety. A. Wozny. 1,465,888; Aug. 21.
Envelope, Safety protective. C. H. Black. 1,450,130; Mar. 27.
Envelope, Self-opening and delivering. R. W. Brown. 1,467,291; Sept. 4.
Envelope, Window. W. E. Swift. 1,449,792; Mar. 27.
Envelopes and receptacles, Fastening and handle for paper. J. W. Bunker and A. M. Boney. 1,454,952; May 15.
Envelopes and the like, Moistener for. E. E. Jenne. 1,472,022; Oct. 23.
Envelopes and the like, Moistener for. E. E. Jenne. 1,473,594; Nov. 6.
Envelopes, Automatically manufacturing. F. J. Parks. 1,459,415; June 19.
Envelopes, Drawing-in device for adhesive-applying machines for use in the manufacture of. A. Winkler and M. Dünnebier. 1,465,887; Aug. 21.
Envelopes, Machine for making window. C. F. Pflanze. 1,462,149; July 17.
Envelopes, Manifolding. J. H. Bonneville and H. S. Barnes. 1,469,878; Oct. 9.
Envelopes or bag, Paper. J. W. Bunker and A. M. Boney. 1,454,953; May 15.
Envelopes, Patch-applying mechanism for window. C. O. Ekvall. 1,474,832; Nov. 20.
Envelopes, Patch-applying mechanism for window. H. Radzinsky. 1,474,913; Nov. 20.
Envelopes, wrappers, and the like, Machine for applying adhesive medium to. H. C. Brooks. 1,471,722; Oct. 23.
Enzymic substance and making the same. J. Takamine and J. Takamine, jr. 1,460,736; July 3.
Equalizing device. B. P. Joyce. 1,447,086. Feb. 27.
Equalizing device. A. B. Whittet. 1,476,435; Dec. 4.
Eradicator, Grass. S. C. Nelson. 1,457,996; June 5.
Eraser. F. E. Cardy. 1,457,497; June 5.
Eraser and pencil holder. J. M. Abrams. 1,477,231; Dec. 11.
Eraser-cleaning machine. O. L. Evans. 1,472,060; Oct. 30.
Eraser holder. H. Weig. 1,451,933–4; Apr. 17.
Eraser, Steel. J. Berg. 1,451,938; Apr. 17.
Escapement. P. Hamilton. 1,475,068; Nov. 20.
Escapement mechanism. H. L. Haynes. 1,475,629; Nov. 27.
Ester condensation products, Making. R. M. Carter. 1,472,324; Oct. 30.
Esterification. A. A. Backhaus. 1,454,463; May 8.
Esters, Producing. C. B. Carter and A. E. Coxe. 1,459,971; June 26.
Esters, Producing high-grade. A. A. Backhaus. 1,454,462; May 8.
Etching compound. A. M. Hageman and J. M. Kovachy. 1,471,466; Oct. 23.
Etching machine. A. Holmström. 1,466,096; Aug. 28.
Etching machine. E. G. Schwuchow and G. F. Johnstone. 1,442,977; Jan. 23.
Ether, Apparatus for the manufacture of. J. P. Foster. 1,474,772; Nov. 20.
Ether, Apparatus for the manufacture of. F. E. Lichtenthaeler. 1,467,583; Sept. 11.
Ether-can attachment dropper. G. J. Kadavy. 1,446,751; Feb. 27.
Ether composition, Cellulose-. J. M. Donohue. 1,473,217–19; Nov. 6.
Ether dropper. I. E. Hill. 1,447,209; Mar. 6.
Ether, Purification of cellulose. P. C. Seel. 1,448,091; Mar. 13.
Ether, Recovery of. J. H. Brégeat. 1,455,707; May 15.
Ether wave control, System of. J. H. Hammond, jr. 1,447,779; Mar. 6.
Ethers, Producing normal and mixed. C. B. Carter and A. E. Coxe. 1,459,177; June 19.
Ether, Purification of isopropyl. H. E. Buc. 1,442,520; Jan. 16.
Ethyl acetate, Manufacture of. M. Mugdan and W. Herrmann. 1,459,852; June 26.
Ethyl chloride, Production of. W. Traube. 1,470,656; Oct. 16.
Ethylene and its homologues, Absorbing. R. Engelhardt, W. Lommel, and A. Ossenbeck. 1,458,646; June 12.
Ethylene, Production of. P. E. Haynes and G. O. Curme, jr. 1,460,545; July 3.
Evacuator. C. C. Stewart. 1,456,342; May 22.
Evaporating apparatus. H. S. Mellott. 1,451,839; Apr. 17.
Evaporating apparatus. W. A. Swan. 1,478,186; Dec. 18.
Evaporating or treating substances containing liquid, Apparatus for. H. S. Mellott. 1,440,548; Jan. 2.
Evaporating process and apparatus. R. E. Wilson. 1,471,765; Oct. 23.
Evaporation and apparatus therefor. E. Wirth-Frey. 1,469,475; Oct. 2.
Evaporation, Concentrating. G. Engel, sr. 1,466,357; Aug. 82.
Evaporator. C. W. Dyson and M. C. Stuart. 1,440,723; Jan. 2.
Evaporator. C. W. Dyson and M. C. Stuart. 1,477,328; Dec. 11.
Evaporator. M. J. Kermer. 1,473,373; Nov. 6.
Evaporator. H. Sieben. 1,446,994; Feb. 27.
Evaporator. G. Vincent. 1,450,157; Mar. 27.
Evaporator, Concentrating. T. M. Skinner, jr. 1,468,679; Sept. 25.
Evaporator for vegetable and fruit pulps, Continuous. F. C. Marzo. 1,446,651; Feb. 27.
Evener or draft equalizer. W. and A. Greenheck. 1,475,486; Nov. 27.
Excavating and loading apparatus. G. Weidinger. 1,455,689; May 15.
Excavating device. P. Neary. 1,457,594; June 5.
Excavating, dumping, and spreading machinery. T. Seevers. 1,465,186; Aug. 14.
Excavating machine. F. J. Dussault. 1,454,711; May 8.
Excavating machine. W. Hebsacker. 1,460,671; July 3.
Excavating machine. W. G. Howe and F. R. White. 1,455,206; May 15.
Excavating machine. M. S. Longnaker. Re15,571; Apr. 3.
Excavating machine. J. A. MacKillican and F. L. Lipcsey. 1,455,541; May 15.
Excavating machine. W. E. Trapnell and J. A. Easterwood. 1,459,481; June 19.
Excavating machine. R. E. Wilt. 1,454,781; May 8.
Excavating machines or the like, Control mechanism of. H. H. Harris. 1,460,813; July 3.
Excavating, moving, and surfacing machine, Automotive material. R. E. Bressler. 1,472,580; Oct. 30.
Excavating wheel. J. Duder. 1,455,608; May 15.
Excavator. P. Burke. 1,474,314; Nov. 13.

Excavator. W. Dorney and M. Quint. 1,471,887; Oct. 23.
Excavator. L. P. Green. 1,448,212; Mar. 13.
Excavator. W. Otto. 1,462,494; July 24.
Excavator. C. E. Stahl and H. J. Bentson. 1,466,568; Aug. 28.
Excavator and loader. T. Compton. 1,465,971; Aug. 28.
Excavator and loader. N. C. Woodin. 1,449,716; Mar. 27.
Excavator, Drag-line. A. P. Steele. 1,448,680; Mar. 13.
Excavator front-end construction. S. R. W. M. Bager, W. Lehman, and F. C. Ruhloff. 1,454,032; May 8.
Excavators, Cleaning device for. G. H. Greiman. 1,449,223; Mar. 20.
Excavators, Cleaning scraper for. G. H. Greiman. 1,449,224; Mar. 20.
Excavators, Creeping-traction mounting for railway-type. S. R. W. M. Bager, O. F. Kaeser, and W. Lehman. 1,448,372; Mar. 13.
Excavators, Fair lead for drag-line. S. R. W. M. Bager. 1,445,468; Feb. 13.
Exchange system, Private-branch-. M. L. Nelson. 1,451,885; Apr. 17.
Exerciser. W. E. Lauer. 1,456,317; May 22.
Exercising apparatus. P. S. Medart and F. Albach. 1,450,300; Apr. 3.
Exercising apparatus. W. Williams. 1,453,035; Apr. 24.
Exercising device. C. G. Purdy. 1,466,559; Aug. 28.
Excess-demand meter. G. A. Cheetham. 1,453,441; May 1.
Exhaust mains, Cooling means for. J. van Ackeren. 1,455,059; May 15.
Exhaust silencer. A. Combaz. 1,477,315; Dec. 11.
Exhibiting and vending device, Combined. W. A. and F. P. Richmond. 1,475,141; Nov. 20.
Exhibiting device. R. D. Wyckoff. 1,456,086; May 22.
Exhibitions, Arrangement for producing complementary visual and audible. G. K. Thompson. 1,462,525; July 24.
Exhibitor. G. Dickinson. 1,478,425; Dec. 25.
Exhibitor, Changeable. J. P. Freemon and E. P. McFadden. 1,458,227; June 12.
Exhibitor, Changeable. M. A. Grip. 1,450,850; Apr. 3.
Exit gate, One-way. F. J. McLoughlin. 1,446,015; Feb. 20.
Exit light. J. A. Morrison. 1,469,946; Oct. 9.
Expandible stopper. G. J. Leuvelink. 1,463,824; Aug. 7.
Expanding machine. C. G. Grotnes. 1,456,734; May 29.
Expansible coupling member. E. W. Weyrauch. 1,461,767; July 17.
Expansion drill. C. L. Stickney. 1,450,053; Mar. 27.
Expansion joint. A. P. Diescher. 1,475,288–9; Nov. 27.
Expansion joint. H. R. Koester. 1,447,668; Mar. 6.
Exploder, Delay-action. E. Cudney. 1,455,165; May 15.
Exploder, Safety. H. McEwan. 1,450,672; Apr. 3.
Explosion engine. I. Cunningham and R. W. Way. 1,472,634; Oct. 30.
Explosion rotating engine. L. T. Poirmeur. 1,458,950; June 19.
Explosions in mines, Method of and means for extinguishing or smothering. H. Kruskopf. 1,459,677; June 19.
Explosive. R. M. Cook. 1,440,767–8; Jan. 2.
Explosive. C. J. S. Lundsgaard. 1,457,709; June 5.
Explosive. S. G. Norton. 1,466,147; Aug. 28.
Explosive. W. O. Snelling. 1,464,667; Aug. 14.
Explosive. E. M. Symmes. 1,478,588; Dec. 25.
Explosive and making same. E. Herz. 1,443,328; Jan. 23.
Explosive and producing same. W. B. Sturgis. 1,463,980; Aug. 7.
Explosive charge. J. R. Holran. 1,440,601; Jan. 2.
Explosive composition. W. O. Snelling. 1,456,341; May 22.
Explosive composition. W. O. Snelling. 1,473,257; Nov. 6.
Explosive container. W. Beck. 1,444,998; Feb. 13.
Explosive, Desensitized. W. H. Ward. 1,462,753; July 24.
Explosive engine. J. A. Charter. 1,453,304; May 1.
Explosive engine. M. C. Kessler. 1,477,363; Dec. 11.
Explosive engine. J. J. Schiller. 1,468,516; Sept. 18.
Explosive engine, Rotary. J. A. Brown. 1,478,378; Dec. 25.
Explosive, Nitrostarch. W. O. Snelling. 1,472,691; Oct. 30.
Explosive, Propellant. A. S. O'Neil and R. R. Evans. 1,464,012; Aug. 7.
Explosive, Propulsive blasting. A. J. Strane. 1,455,309; May 15.
Explosive purposes, Impregnating plant tissues with ammonium nitrate for. W. M. Dehn. 1,444,594; Feb. 6.
Explosives, Apparatus for filling containers with. T. M. Davidson. 1,477,040; Dec. 11.
Explosives, Means for attaching caps and fuses to stick. F. Saucier. 1,446,664; Feb. 27.
Explosives, Priming mixture for propellant. C. I. B. Henning. 1,473,818; Nov. 13.
Explosives, Producing. W. B. Sturgis. 1,473,685; Nov. 13.
Exposure meter. E. Harrold. 1,478,956; Dec. 25.
Exposure meter. F. Mella. 1,447,097; Feb. 27.
Exposure meter. E. Wandersleb. 1,457,802; June 5.
Exposure timer. W. C. Anderson. 1,474,342; Nov. 20.
Extensible rod, Jointed. G. F. Ruhl. 1,449,196; Mar. 20.
Extensible support, Portable. J. P. Mayhugh. 1,448,932; Mar. 20.
Extensible table. I. Cooklin. 1,455,599; May 15.
Extensible table. I. Cooklin. 1,464,409; Aug. 7.
Extension device. J. Danese. 1,455,715; May 15.
Extension handle. J. W. Bate. 1,444,448; Feb. 6.
Extension table. J. Hlozek. 1,460,754; July 3.
Extension table. H. Mahneke. 1,477,069; Dec. 11.
Exterminator trap. C. J. Swank. 1,451,720; Apr. 17.
Extract obtainable from the mammalian pancreas or from the related glands in fishes, useful in the treatment of diabetes mellitus, and preparing it. F. G. Banting, C. H. Best, and J. B. Collip. 1,469,994; Oct. 9.
Extract obtainable from the mammalian pancreas or from the related glands of fishes, useful in the treatment of diabetes mellitus, Preparing an. P. J. Moloney and D. M. Findlay. 1,470,024; Oct. 9.
Extracting device. C. W. Potts. 1,458,076; June 5.
Extraction apparatus. H. J. Cary-Curr. 1,468,961; Sept. 25.
Extraction apparatus. E. H. Cummins. 1,463,154; July 31.

Extractor: *See*—
- Automobile extractor.
- Bearing extractor.
- Bushing extractor.
- Bottle-disk extractor.
- Centrifugal extractor.
- Coffee extractor.
- Cork extractor.
- Cream extractor.
- Fruit-juice extractor.
- Gas extractor.
- Honey extractor.
- Juice extractor.
- Liquid extractor.
- Mandrel extractor.
- Root extractor.
- Weed extractor.

Extrusion press. W. E. Prescott. 1,472,249; Oct. 30.
Eye, Comic artificial. E. C. Mitchell. 1,464,211; Aug. 7.
Eye-exercising device. N. Y. Hull. 1,464,075; Aug. 7.
Eyeglass. J. S. Greene. Des. 61,826; Jan. 23.
Eyeglass and making the same. C. H. Kidwell. 1,473,151; Nov. 6.
Eyeglass attachment. B. Borja y Dizon. 1,467,358; Sept. 11
Eyeglass mounting. J. B. Gum. 1,445,941; Feb. 20.
Eyeglass receptacle. C. R. Jerry. 1,473,559; Nov. 6.
Eyeglasses. J. Gaspari. 1,444,067; Feb. 6.
Eyeglasses. J. Gasperi. Des. 63,363; Nov. 27.
Eyeglasses and spectacles. T. A. Ryan. 1,440,799; Jan. 2.
Eyeglasses and spectacles, Lens for. E. B. Meyrowitz. 1,445,227; Feb. 13.
Eyeglasses and spectacles, Producing rings of celluloid for. E. R. Durgin. 1,465,424; Aug. 21.
Eyeglasses, Construction of. G. W. McKinstry and W. H. Siddall. 1,453,632; May 1.
Eyeglasses, Producing rims of celluloid for. E. R. Durgin. 1,465,423; Aug. 21.
Eyeglasses, Strap fastener for. H. A. Sangren. 1,471,360; Oct. 23.
Eyeglasses, Temple for. T. Leytham. 1,459,778; June 26
Eyelashes and making same, Artificial. C. Nessler. 1,450,259; Apr. 3.
Eyelet, Lace. J. T. Harper. 1,460,899; July 3.
Eyeleting. R. B. Smith. 1,468,039; Sept. 18.
Eyeleting machine. R. B. Smith. 1,468,086; Sept. 18.
Eyelets and the like, Machine for setting. R. B. Smith. 1,440,563; Jan. 2.
Eyelets, Blanking out. E. L. Sibley, 2d. 1,469,757; Oct. 2.
Eyelets, Machine for inserting. J. E. McIntire. 1,459,738; June 26.
Eye protector. C. O. Cozzens. 1,441,786; Jan. 9.
Eye protector. C. O. Cozzens. 1,467,230; Sept. 4.
Eye protector. R. Malcom. 1,440,691; Jan. 2.
Eye protector. R. Malcom. 1,454,327; May 8.
Eye protector. R. Malcom. 1,471,562; Oct. 23.
Eye protector, Self-acting. K. Kernjenny and W. Balzer-Alber. 1,455,025; May 15.
Eyeshade. L. J. Gerhardt. 1,473,619; Nov. 13.
Eyeshade. S. Mahlmann. 1,471,967; Oct. 23.
Eyeshade. W. F. Mahony. 1,452,305; Apr. 17.
Eyeshield, Nonglare. F. W. Bonner. 1,462,532; July 24.
Eye-testing device. E. G. Bender and L. F. Graf. 1,459,353; June 19.
Eye-testing instrument. E. D. Tillyer. 1,454,774; May 8.
Eyes, Testing. J. Wolff. 1,478,089; Dec. 18.

Fabric: *See*—
- Automobile topping fabric.
- Bedspring fabric.
- Coated fabric.
- Composite fabric.
- Elastic fabric.
- Elastic woven fabric.
- Expanded-metal fabric.
- Ornamental fabric.
- Rubberizing fabric.
- Tire fabric.
- Webbing fabric.

Fabric. H. T. Ballard. Des. 62,051; Mar. 13.
Fabric. W. Buchwitz. Des. 61,888; Feb. 6.
Fabric. W. Buchwitz. Des. 62,054; Mar. 13.
Fabric. W. Dowling. Des. 61,907; Feb. 6.
Fabric. W. Dowling. Des. 62,004; Feb. 27.
Fabric against rot, Protecting. B. Wolcott and C. L. Jennison. 1,474,574; Nov. 20.
Fabric and making same. E. F. King. 1,464,715; Aug. 14.
Fabric and making the same, Ornamental hand-woven. F. E. Strohmeier. 1,475,659; Nov. 27.

Fabric and manufacturing same, Decorative. W. E. Hazeltine. 1,450,367; Apr. 3.
Fabric bag. J. P. Hooper. 1,445,835; Feb. 20.
Fabric board. S. S. Lewis. 1,457,740; June 5.
Fabric bolt board. J. R. Smith. 1,472,253; Oct. 30.
Fabric cases, Machine for shaping and forming. J. Gaynor. 1,477,437; Dec. 11.
Fabric holder, Roll-. J. Girard. 1,462,333; July 17.
Fabric, Machine for preparing. E. D. Putt. 1,476,270; Dec. 4.
Fabric, Making an unwoven. R. B. Respess. 1,465,093; Aug. 14.
Fabric-making machine. H. T. Loomis. 1,468,483; Sept. 18.
Fabric, Method and apparatus for manufacturing articles comprising superposed layers of. T. Sloper. 1,458,732; June 12.
Fabric or similar article, Woven. L. H. Brewster. Des. 61,866–7; Feb. 6.
Fabric, paper, and other material, Winding chuck for. O. P. Kiracofe. 1,448,125; Mar. 13.
Fabric piler. H. J. Carter. 1,475,428; Nov. 27.
Fabric, Plaited. H. Frischer. Des. 62,482; June 12.
Fabric-ring stretching and applying device. H. A. Dennure. 1,467,143; Sept. 4.
Fabric-stitching device. J. D. Lacroix. 1,461,125; July 10.
Fabric-treating machine. R. F. Bacon, C. H. Kidwell, and P. H. Bascom. 1,469,765; Oct. 9.
Fabric, Woven. G. M. Fauser. Des. 62,215–9; Apr. 17.
Fabric, Woven. F. Reeves. Des. 63,196; Oct. 30.
Fabrics and making same, Composition for saturating. L. Kirschbraun. 1,461,445; July 10.
Fabrics and other goods, Machine for treating or processing. J. A. Wilson. 1,457,413; June 5.
Fabrics and producing the same, Ornamental pile. S. E. Creasey. 1,467,136; Sept. 4.
Fabrics and the like, Production of coated. H. E. Brown and J. H. Stover. 1,465,541; Aug. 21.
Fabrics, Beetling and treatment of. R. W. R. Mackenzie, E. Robinson, M. Fort, and J. D. Lumsden. 1,460,858; July 3.
Fabrics, Coating woven. W. T. Plum, jr. 1,472,230; Oct. 30.
Fabrics, Composition for removing rust from. A. C. Shaver. 1,457,609; June 5.
Fabrics, Composition for treating. H. J. Suib. 1,441,952; Jan. 9.
Fabrics, Device for shaping and pressing. E. M. Witherell. 1,466,868; Sept. 4.
Fabrics, Fastener for eyeleted edges of. L. L. Judge. 1,440,997; Jan. 2.
Fabrics, Finishing. J. H. Wrigley. 1,442,840; Jan. 23.
Fabrics, Liquid for treating. A. Neusella. 1,453,764; May 1.
Fabrics, Machine for applying reenforcing filaments to. P. T. Jackson and C. H. Howard. 1,472,021; Oct. 23.
Fabrics, Machine for tearing. J. D. Frier. 1,468,713; Sept. 25.
Fabrics, Machine for uniting looped. P. P. La Montagne. 1,462,367; July 17.
Fabrics, Machine for uniting looped. E. E. Randall. 1,462,378; July 17.
Fabrics, Manufacture of knotted. T. Frenzel. 1,440,779; Jan. 2.
Fabrics, Means for finishing. A. A. Grundy. 1,462,172; July 17.
Fabrics, Seam for. H. L. Tucker. 1,467,626; Sept. 11.
Fabrics, Tuft frame for weaving pile. E. F. Hathaway. 1,469,184; Sept. 25.
Face-turning machine. C. A. Franklin. 1,478,331; Dec. 18.
Facial muscles, Apparatus for molding the. L. B. Bonanno. 1,443,725; Jan. 30.
Facing and backing, Interchangeable. T. Steele. 1,473,055; Nov. 6.
Facing or cutting tool. C. F. Snyder. 1,453,197; Apr. 24.
Facing or cutting tool. C. F. Snyder. 1,469,279; Oct. 2.
Facing tool. W. C. Shumaker. 1,466,385; Aug. 28.
Fair leader. V. F. Jewett. 1,469,014; Sept. 25.
Fair-leader board. M. Oertz. 1,449,910. Mar. 27.
Fan. W. Brown. 1,465,928; Aug. 28.
Fan. F. L. Cupp. 1,456,765; May 29.
Fan. E. N. Fales. 1,466,472; Aug. 28.
Fan. P. M. Franzen. 1,441,338; Jan. 9.
Fan. M. M. Glasser. 1,468,690; Sept. 25.
Fan. W. A. Jones. 1,447,554; Mar. 6.
Fan. M. Lichter. 1,446,978; Feb. 27.
Fan. G. E. Otis. 1,459,927; June 26.
Fan. C. Rosine. 1,457,125; May 29.
Fan and lamp, Combined. R. L. Mariani. 1,475,845; Nov. 27.
Fan and making same, Centrifugal. N. H. Henderson. 1,469,086; Sept. 25.
Fan and stop therefor, Spring-motor-driven. A. O. Larson. 1,455,534; May 15.
Fan attachment. R. R. Winter. 1,468,851; Sept. 25.
Fan blade. W. H. Kempton. 1,444,923; Feb. 13.
Fan blower. P. W. Knauf. 1,471,559; Oct. 23.
Fan, Ceiling. C. Aalborg. 1,443,551; Jan. 30.
Fan, Ceiling. M. M. Glasser. 1,456,433; May 22.
Fan, Centrifugal. G. M. Capell. 1,471,141; Oct. 16.
Fan, Centrifugal. F. Phelps. 1,453,055; Apr. 24.
Fan, Centrifugal. J. A. Watkins. 1,447,915–16; Mar. 6.
Fan, Convertible. D. Q. Hicks. 1,453,873; May 1.
Fan, Disappearing electric. C. W. Le Velle. 1,445,402; Feb. 13.
Fan, Folding cardboard. L. J. Hecht. 1,449,402; Mar. 27.
Fan for clear vision. J. F. Callaway. 1,477,690; Dec. 18.
Fan guard. L. S. Young. 1,448,896; Mar. 20.
Fan, Hand-operated toilet. E. W. and W. J. Wisch. 1,461,768; July 17.
Fan housing or casing. E. J. Slater. 1,441,381; Jan. 9.
Fan mechanism, Disappearing electric. C. W. Le Velle. 1,458,348; June 12.
Fan, Multiple propeller. J. M. Seymour. 1,462,151; July 17.
Fan-operating means. A. F. Carlin. 1,468,617; Sept. 18.
Fan, Portable. Z. E. Chernesky. 1,442,467; Jan. 16.
Fan, Portable electric. H. F. Puttaert and M. Moreau. 1,473,045; Nov. 6.
Fan, Pneumatic. H. C. Wallace. 1,477,469; Dec. 11.
Fan. M. Rothschild. 1,478,399; Dec. 25.
Fan, Rotary hand. D. Marrazzo. 1,478,240; Dec. 18.
Fan structure. N. S. Clay. 1,463,153; July 31.
Fan wheel. R. W. Oswald. 1,478,909; Dec. 25.
Fancy bag. H. J. Dudley. Des. 63,254; Nov. 13.
Fans. M. M. Glasser. Re15,705; Oct. 30.
Fans, Air-heating attachment for. F. M. Howe and C. Naegeli. 1,472,124; Oct. 30.
Fans, Air-moistener attachment for. T. M. Bennett. 1,464,401; Aug. 7.
Fare box. C. H. Woods. 1,454,096; May 8.
Fare-collecting device. J. W. Pope. 1,472,937; Nov. 6.
Fare indicator. T. L. Roberts, jr. 1,471,918; Oct. 23.
Fare-recording mechanism. C. D. Skinner. 1,472,690; Oct. 30.
Fare system, Zone. C. R. Barnes. 1,457,488; June 5.
Fare token. P. N. Jones. Des. 62,820; Aug. 7.
Farm gate. C. Burnett. 1,440,445; Jan. 2.
Farm gate. C. Colvin. 1,449,587; Mar. 27.
Farm gate. G. W. and C. E. Goss. 1,443,467; Jan. 30.
Farm gate. L. C. McChain. 1,446,575; Feb. 27.
Farm gate. W. F. Schwiesow. 1,446,934; Feb. 27.
Farm gate, Swinging. H. L. Watermann. 1,443,446; Jan. 30.
Farm implement. H. A. Johnson. 1,443,222; Jan. 23.
Farm implement. C. Owens. 1,458,990; June 19.
Farm implements, Colter for. P. J. Nuernberger. 1,445,705; Feb. 20.
Farm implements working on the fixed-cable system, Anchor used in connection with mechanically-operated. J. and P. Robinson. 1,449,447; Mar. 27.
Farrowing pen. W. C. Nutt. 1,473,970; Nov. 13.
Fastener. C. Bishop and D. E. Brinsmade. 1,440,653; Jan. 2.
Fastener. F. S. Carr. 1,454,832; May 8.
Fastener. F. S. Carr. 1,464,695; Aug. 14.
Fastener. P. T. C. Dumais. 1,464,976; Aug. 14.
Fastener. F. J. Eagles and A. R. Fitzgerald. 1,467,928; Sept. 11.
Fastener. B. F. Hubbell. 1,456,554–5; May 29.
Fastener. E. S. Johnson and E. V. Carlson. 1,468,612; Sept. 18.
Fastener. J. F. Powell. 1,454,251; May 8.
Fastener. I. D. Shaw. 1,450,391; Apr. 3.
Fastener. L. W. Tibyrica. 1,468,052; Sept. 18.
Fastener. H. C. Toepper. 1,476,380; Dec. 4.
Fastener. B. H. White. 1,476,193; Dec. 4.
Fastener and lock, Separable. M. H. Wiedmann. 1,467,465; Sept. 11.
Fastener, Closure. P. B. Daley. 1,448,706; Mar. 13.
Fastener, Detachable. C. F. Bilbrough. 1,456,118; May 22.
Fastener device. A. Robinson. 1,473,876; Nov. 13.
Fastener device. J. B. White. 1,447,636; Mar. 6.
Fastener elements, Securing means for. L. M. Foss. 1,462,463; July 17.
Fastener for metal clips. M. Krischer and C. Rosenblum. 1,458,487; June 12.
Fastener-inserting machine. F. A. Rumney. 1,471,358; Oct. 23.
Fastener, Molding and metal. I. W. Cochran. 1,464,258; Aug. 7.
Fastener, Separable. F. S. Carr. 1,471,828; Oct. 23.
Fastener, Separable. F. S. Carr. 1,476,147; Dec. 4.
Fastener, Separable. M. F. Carr. Re15,714; Nov. 6.
Fastener, Separable. M. Keil. 1,452,743; Apr. 24.
Fastener, Separable. W. B. Murphy. 1,449,690; Mar. 27.
Fastener, Separable. C. M. Robinson. 1,443,277; Jan. 23.
Fastener, Separable. E. V. Sweet. 1,458,559; June 12.
Fastener-setting device. G. W. Jacques. 1,472,247; Oct. 30.
Fastener-setting machine. A. E. Hudson. 1,458,186; June 12.
Fastener-stock-supplying mechanism for fastener-inserting machines S. A. Dobyne. 1,478,603; Dec. 25.
Fastener strip. L. Rosenman. 1,445,450; Feb. 13.
Fastener, Top and windshield. O. T. Van Sickle. 1,444,988; Feb. 13.
Fasteners, Cord terminal for mask. G. A. Hanft. 1,461,900; July 17.
Fasteners, Machine for setting. S. L. Gookin. 1,456,082; May 22.

Alphabetical list of inventions—Continued.

Fasteners, Machine for upsetting and clinching tubular. J. H. Gifford. 1,468,662; Sept. 25.
Fasteners, Method and machine for making. G. Sundback. 1,467,015; Sept. 4.
Fastening. J. P. Morse. 1,466,597; Aug. 28.
Fastening device. F. E. Aid. 1,477,232; Dec. 11.
Fastening device. J. Fairley. 1,458,399; June 12.
Fastening device. T. Ferry. 1,450,583; Apr. 3.
Fastening device. G. E. Franquist. 1,452,196; Apr. 17.
Fastening device. C. M. Hamblin. 1,478,218; Dec. 18.
Fastening device. T. O. Hopkins. 1,465,848; Aug. 21.
Fastening device. C. E. Kennedy. 1,441,588; Jan. 9.
Fastening device. J. F. Langenau. 1,455,625; May 15.
Fastening device. E. G. Lehman. 1,457,039; May 29.
Fastening device. H. Muehle. 1,452,981; Apr. 24.
Fastening device. F. Strauss. 1,473,942; Nov. 13.
Fastening device. J. H. Venhoff. 1,476,231; Dec. 4.
Fastening device. J. V. Washburne. 1,466,347; Aug. 28.
Fastening device. R. M. Yemniker. 1,451,356; Apr. 10.
Fastening, Driven-headed. V. L. Levingston. 1,444,618; Feb. 6.
Fastening elements, Attaching means for separable. B. Z. Hausner. 1,451,612; Apr. 10.
Fastening for loss-preventing devices. O. N. Wimberly. 1,474,308; Nov. 13.
Fastening-inserting machine. A. Bates. 1,450,164; Apr. 3.
Fastening-inserting machine. J. A. Brogan. 1,447,233; Mar. 6.
Fastening-inserting machine. G. Goddu. 1,447,244; Mar. 6.
Fastening-inserting machine. F. L. Mackenzie. 1,446,473; Feb. 27.
Fastening-inserting machine. F. L. MacKenzie. 1,474,373; Nov. 20.
Fastening machines, Laying-on apparatus for book-. U. Bischof. 1,440,370; Jan. 2.
Fastening, Temporary. S. W. Taylor. 1,451,970; Apr. 17.
Fastenings, Machine for operating on metallic. G. Goddu. 1,444,871; Feb. 13.
Fastenings, Machine for operating on. A. E. Jerram. 1,474,368; Nov. 20.
Fat-splitting reagent and making same. L. J. Lewis. 1,452,881; Apr. 24.
Fats, Apparatus for treating edible. J. T. Cox. 1,469,896; Oct. 9.
Fats, Utilization of edible. M. Kahn. 1,455,254; May 15.
Faucet. T. Coonan. 1,463,800; Aug. 7.
Faucet. H. G. Cordley. 1,464,561; Aug. 14.
Faucet. J. A. Costello. 1,477,808; Dec. 18.
Faucet. W. H. Douglas. 1,442,654; Jan. 16.
Faucet. R. V. Lee. 1,441,987; Jan. 9.
Faucet. L. S. Lord. 1,458,718; June 12.
Faucet. H. Mock. 1,460,727; July 3.
Faucet. C. J. Muend. Des. 62,740; July 24.
Faucet. G. Pfleger. 1,467,450; Sept. 11.
Faucet. W. H. Smith. 1,472,816; Nov. 6.
Faucet and container, Combined. H. Wofford. 1,446,817; Feb. 27.
Faucet and drinking fountain, Combination. O. W. Feldman. 1,446,845; Feb. 27.
Faucet and mixing nozzle, Combination. S. Kersten. 1,462,413; July 17.
Faucet appliance. J. B. Kohler. 1,449,822; Mar. 27.
Faucet, Automatic. D. M. Holbrook. 1,473,097; Nov. 6.
Faucet, Automatic drip. L. P. Meister. 1,477,227; Dec. 11.
Faucet, Combination. J. H. Clifford. 1,475,051; Nov. 20.
Faucet, Combination. K. Hoffman. 1,478,227; Dec. 18.
Faucet, Double-acting. J. J. Mahoney. 1,478,289; Dec. 18.
Faucet, Laundry-tub. O. S. Burman. 1,443,726; Jan. 30.
Faucet lock. A. A. Warner. 1,472,573; Oct. 30.
Faucet, Mixing. O. G. Hitchcock. Des. 61,953; Feb. 13.
Faucet or bath cock. L. B. Yeiser. 1,447,457; Mar. 6.
Faucet, Reciprocating plug. H. G. Cordley. 1,464,562; Aug. 14.
Faucet, Safety. P. B. Wesson. 1,449,472; Mar. 27.
Faucet, Safety. P. B. Wesson. 1,467,464; Sept. 11.
Faucet, Self-closing. T. H. Schutt. 1,454,340; May 8.
Faucet, Three-way. A. T. J. Bahr. 1,469,612; Oct. 2.
Faucet, Water. W. S. Merrill. 1,444,549; Feb. 6.
Faucets and the like, Lever-handle for lavatory. P. J. Shea. 1,475,654; Nov. 27.
Faucets, Relief-valve attachment for. M. J. Landers. 1,467,004; Sept. 4.
Favor and snapping motto. A. G. Palmer. 1,455,653; May 15.
Feed-bag fastener. E. R. Chatterley. 1,468,136; Sept. 18.
Feed bag for horses. J. Zdzieblo. 1,474,922; Nov. 20.
Feed box, Automatic. O. M. Bullock. 1,442,382; Jan. 16.
Feed box, Poultry. F. T. Huntington. 1,462,751; July 24.
Feed chutes, Apparatus for clearing intermediate. J. Meinecke. 1,464,914; Aug. 14.
Feed collet. A. M. Kramp, L. F. Peters, and E. J. Rathsack. 1,473,188; Nov. 6.
Feed collet and making the same. C. J. Fancher and R. A. Johnson. 1,449,505; Mar. 27.
Feed collet and making same. O. A. Smith. 1,450,189; Apr. 3.
Feed-controlling device. G. H. Gilman. 1,441,846; Jan. 9.
Feed cutter. A. G. Newman. 1,456,034; May 22.
Feed from coarse farm products, Producing stock. E. A. Laughlin. 1,477,964; Dec. 18.
Feed hopper. A. A. Wolf. 1,463,862; Aug. 7.
Feed materials, Machine for reducing stock-. H. S. Wikel and M. F. Thatcher. 1,467,131; Sept. 4.
Feed mechanism. C. D. Knowlton. 1,469,840; Oct. 9.
Feed mechanism. E. C. Pool. 1,448,713; Mar. 13.
Feed mechanism, Combined power and hand operated. W. F. Groene. 1,477,480; Dec. 11.
Feed mechanism, Package-. C. H. Nitsch and W. A. Weightman. 1,453,720; May 1.
Feed mill. A. M. Dellinger. 1,465,074; Aug. 14.
Feed mixer and dispenser, Stock-. H. Hoppes. 1,458,058; June 5.
Feed-mixing device. C. T. Patterson. 1,477,586; Dec. 18.
Feed-mixing machine. M. F. Thatcher. 1,457,325; June 5.
Feed pinion. W. Sandiford. 1,465,486; Aug. 21.
Feed regulator. C. Beckmann. 1,463,457; July 31.
Feed systems, Exhaust-pressure governor for suction-. L. H. Wheeler. 1,459,962; June 26.
Feed systems, Variable venturi for suction-. L. H. Wheeler. 1,459,961; June 26.
Feed-water heater. R. N. Ehrhart. 1,469,068; Sept. 25.
Feed water, Means for heating boiler. B. R. Skinner. 1,459,901; June 26.
Feed-water regulator. G. W. Stetson. 1,464,669; Aug. 14.
Feeder. E. R. Draver. 1,478,000; Dec. 18.
Feeder. A. J. Hartley. 1,471,894; Oct. 23.
Feeder, Adjustable. C. S. Jennings. 1,466,835; Sept. 4.
Feeder and mixers, Percentage. A. D. MacLellan. 1,462,649; July 24.
Feeder, Animal. M. O. Henderson. 1,477,121; Dec. 11.
Feeder, Animal-control. W. T. Robbins. 1,453,763; May 1.
Feeder, Automatic. J. Brodner. 1,450,710; Apr. 3.
Feeder, Automatic. N. F. Thompson. 1,454,352; May 8.
Feeder, Calf. J. L. Crook, jr. 1,460,890; July 3.
Feeder, Chick. I. Julian. 1,468,205; Sept. 18.
Feeder, Chicken. G. H. Allen. 1,465,327; Aug. 21.
Feeder, Chicken. J. E. Kesterson. 1,467,329; Sept. 11.
Feeder, Chicken. F. B. Naylor. 1,469,677; Oct. 2.
Feeder, Chicken. J. Null. 1,452,215; Apr. 17.
Feeder, Collapsible poultry. M. R. Jacobus and W. F. Burditt, jr. 1,450,258; Apr. 3.
Feeder, Drum. O. H. Johnson and H. F. Webb. 1,453,143; Apr. 24.
Feeder, Extension. J. C. Tollefson. 1,447,580; Mar. 6.
Feeder for jointers, Automatic. E. D. Church. 1,469,995; Oct. 9.
Feeder for stock, Self-. C. C. Westerman. 1,469,129; Sept. 25.
Feeder, Hog. J. W. Harvey. 1,449,818; Mar. 27.
Feeder, Hog. J. E. Robbins. 1,444,428; Feb. 6.
Feeder, Percentage. A. D. MacLellan. 1,463,777; July 31.
Feeder, Poultry. J. Dierks. 1,446,694; Feb. 27.
Feeder, Poultry. W. E. Honsinger. 1,450,175; Apr. 3.
Feeder, Poultry. R. P. Howard. 1,440,875; Jan. 2.
Feeder, Poultry. M. R. Jacobus. 1,469,013; Sept. 25.
Feeder, Poultry. E. M. Robinson. 1,471,919; Oct. 23.
Feeder, Poultry. W. P. Shortell. 1,469,340; Oct. 2.
Feeder, Poultry. H. H. Walker and F. Enos, jr. 1,466,864; Sept. 4.
Feeder, Stock. N. A. Heacock. 1,441,345; Jan. 9.
Feeder, Stock. N. A. Heacock. 1,465,763; Aug. 21.
Feeders, Individual sheet and envelope separators for pneumatic. C. H. Martin. 1,463,329; July 31.
Feeders, Movable back for apron. J. W. Walker. 1,476,477; Dec. 4.
Feeders, Separator for. B. Deck. 1,460,314; June 26.
Feeding and cutting mechanism. W. H. Cannard and G. A. Shaffer. 1,449,264; Mar. 20.
Feeding and punching apparatus, Strip. E. B. Hine. 1,459,890; June 26.
Feeding and sorting device. H. M. Brightman. 1,456,216; May 22.
Feeding and weighing device. J. A. Nolan. 1,469,680; Oct. 2.
Feeding apparatus. W. E. Elliott. 1,442,866; Jan. 23.
Feeding articles, Apparatus for. L. L. Salfisberg. 1,476,224; Dec. 4.
Feeding articles, Method of and apparatus for. L. L. Salfisberg. 1,476,223; Dec. 4.
Feeding attachment. L. B. Grasberger. 1,443,988; Feb. 6.
Feeding attachment. L. B. Grasberger. 1,448,270; March 13.
Feeding device. E. J. Rood. 1,469,961; Oct. 9.
Feeding device, Article-. N. H. Hawes. 1,459,367; June 19.
Feeding device, Automatic. R. B. Hancock. 1,458,339; June 12.
Feeding device, Pneumatic. F. Maussner and I. B. Ritter. 1,468,028; Sept. 18.
Feeding device, Sheet-. G. Spiess. 1,464,668; Aug. 14.
Feeding device, Web-. I. Lazaga. 1,451,579; Apr. 10.
Feeding drum. J. Diesk. 1, 477,211; Dec. 11.
Feeding head. F. Briner. 1,474,889; Nov. 20.
Felting machine. F. Schaeffer. 1,449,842; Mar. 27.
Feeding machine. A. F. Sternad. 1,451,897; Apr. 17.
Feeding machine and method, Self-. W. B. Peirce. 1,452,053; Apr. 17.
Feeding machine, Cap-. C. T. Small. 1,441,382; Jan. 9.

Feeding mechanism. J. Conte. 1,454,507; May 8.
Feeding mechanism. H. E. Harris. 1,445,137; Feb. 13.
Feeding mechanism. W. M. Hepburn. 1,466,018; Aug. 28.
Feeding mechanism. G. F. Hurt. 1,441,504; Jan. 9.
Feeding mechanism. A. W. Peters. 1,466,029; Aug. 28.
Feeding mechanism. R. Whitaker, jr., and W. H. Snyder. 1,462,629; July 24.
Feeding mechanism, Cold-roll-. G. C. Kimball and H. G. McIlvried. 1,474,935; Nov. 20.
Feeding mechanism, Deflector for plate-. E. C. Pool. 1,460,038; June 26.
Feeding people. J. M. Baitinger. 1,442,211; Jan. 16.
Feeding systems, Means for supporting vacuum. E. A. Rockwell. 1,453,729; May 1.
Feeler mechanism, Filling-. R. Crompton and W. E. Woodman. 1,467,232; Sept. 4.
Felt, Machine for cutting slots in raw. F. C. Overbury. 1,441,708; Jan. 9.
Felt, Paper-maker's. E. N. Huyck. 1,458,342; June 12.
Felt, Producing polo. D. L. Davis. 1,457,769; June 5.
Felt-treating machine. A. J. Ryan. 1,471,980; Oct. 23.
Felting machine. T. B. Munroe. 1,456,608; May 29.
Felly and rim for vehicle wheels, Metallic. W. N. Booth. 1,469,769; Oct. 9.
Felly for vehicle wheels, Metallic. W. N. Booth. 1,469,768; Oct. 9.
Felly guard, Adjustable. W. Braun. 1,467,774; Sept. 11.
Female gauge. W. J. Walch. 1,447,448; Mar. 6.
Fence. A. J. Miller-Masury. 1,473,118; Nov. 6.
Fence. J. Stefan, jr. 1,452,766; Apr. 24.
Fence. C. Swanson. 1,475,415; Nov. 27.
Fence construction. M. Romaszkiewicz. 1,446,930; Feb. 27.
Fence construction. W. B. Tabor. 1,476,853; Dec. 11.
Fence, Farm and poultry. W. H. Sommer. 1,477,603; Dec. 18.
Fence, Portable. C. A. Wilkey. 1,464,305; Aug. 7.
Fence, Portable baby. E. Read. 1,444,427; Feb. 6.
Fence, Road. J. B. Bese. 1,468,553; Sept. 18.
Fence, Sectional. I. M. Semenoff and N. Gurnicki. 1,456,519; May 29.
Fence structure. G. W. Wilson. 1,458,260; June 12.
Fence, Water-bed. R. P. Stine. 1,466,972; Sept. 4.
Fencemaker's tool. C. T. Branham. 1,476,587; Dec. 4.
Fencepost. W. J. Dolan. 1,443,979; Feb. 6.
Fencepost. P. J. Hindmarsh and J. W. Meaker. 1,466,880; Sept. 4.
Fencepost. H. T. Kline. 1,455,168; May 15.
Fencepost. E. H. Lindstrom and R. V. Seaholm. 1,464,326; Aug. 7.
Fencepost and stretcher, Combined. W. L. Romback. 1,475,884; Nov. 27.
Fencepost attachment. P. T. Bailey. 1,460,936; July 3.
Fencepost, Metal. P. J. Schmalz. 1,459,116; June 19.
Fencepost, Metallic. C. B. Murton. 1,454,649; May 8.
Fencepost mold. H. W. Snow. 1,456,286; May 22.
Fencepost, Steel. A. V. Rowe. 1,444,641; Feb. 6.
Fencepost, Tubular. P. J. Hindmarsh and J. W. Meaker. 1,477,349; Dec. 11.
Fenceposts, Driving cap for. P. J. Hindmarsh. Re15,669; Aug. 7.
Fenceposts, Driving cap for. P. Hindmarsh. 1,444,834; Feb. 13.
Fenceposts, Topping arm for. H. G. Thomson. 1,440,852; Jan. 2.
Fenceposts, Wire fastener for. J. Irving, jr. 1,458,825; June 12.
Fenceposts, Wire fastener for. F. Pracht. 1,450,644; Apr. 3.
Fences, Tool for repairing wire. L. Ivie. 1,465,910; Aug. 21.
Fender: *See*—
Accident-proof automobile fender.
Automobile fender.
Car fender.
Cultivator fender.
Plow fender.
Shock-absorbing fender.
Vehicle fender.
Fender. F. Bush. 1,447,061; Feb. 27.
Fender. E. G. and G. W. Butsch. 1,466,115; Aug. 28.
Fender. P. A. Connelly. 1,444,496; Feb. 6.
Fender. W. G. Cox. 1,460,343; June 26.
Fender. V. Heinrich. 1,443,362; Jan. 30.
Fender. O. W. Litzenberg. 1,444,973; Feb. 13.
Fender. M. W. Newhard. 1,469,679; Oct. 2.
Fender and lamp brace, Combination. R. J. E. Hicks. 1,472,523; Oct. 30.
Fender brace. C. J. Fangel. 1,455,327; May 15.
Fender brace. B. H. Hunt. 1,445,888; Feb. 20.
Fender brace, Adjustable. F. L. Bronson. 1,461,304; July 10.
Fender brace, Front-. A. R. Groff. 1,470,970; Oct. 16.
Fender bracket. H. Caplan. 1,453,271; May 1.
Fender device. M. D. Rathbun. 1,445,238; Feb. 13.
Fender guard. M. Forer. 1,467,283; Sept. 4.
Fender or bumper, Spring. W. G. Cox. 1,463,308; July 31.
Fender protector. E. S. Ludlow. 1,455,538; May 15.
Fenders and the like, Sheet-metal-rolling machine for. H. R. Kennedy. 1,461,853; July 17.
Fenders, Device for repairing. W. C. J. Guilford. 1,443,075; Jan. 23.
Fenders, Jig for marking and drilling. J. O. Richard. 1,469,395; Oct. 2.
Ferromanganese, Melting. R. D. Jordan. 1,467,546; Sept. 11.
Ferrophosphorus. J. Warner. 1,475,976; Dec. 4.
Ferrotyping, polishing, and drying apparatus. A. L. Mayer. 1,469,099; Sept. 25.
Ferrule. J. H. and V. J. Kersting. 1,468,716; Sept. 25.
Ferrule. H. C. Redmond, sr. 1,463,840. Aug. 7.
Ferrule and wood-holding device, Adjustable propeller. N. H. Cederquist. 1,462,083; July 17.
Fertilizer. M. C. Reed. 1,472,675; Oct. 30.
Fertilizer and lime distributor. H. L. Smith and H. L. Smith, jr. 1,451,312; Apr. 10.
Fertilizer, Commercial. E. A. Morgan. 1,440,836; Jan. 2.
Fertilizer distributor. J. M. Brasington. 1,447,292; Mar. 6.
Fertilizer distributor. T. F. Holadia. 1,466,398; Aug. 28.
Fertilizer, distributor, and planter, Combined. J. Fuller. 1,450,070; Mar. 27.
Fertilizer, Preparing a concentrated. W. Hazen and W. H. Ross. 1,456,850; May 29.
Fertilizer, Producing. S. D. Gooch. 1,470,968; Oct. 16.
Fertilizer-spraying device. H. J. D'Arcy. 1,469,065; Sept. 25.
Fertilizer stock, Manufacture of. A. Ehrenreich and A. Rogers. 1,441,219; Jan. 9.
Fertilizers and the utilization of nitrogen-bearing solutions, Manufacture of nitrogenous. E. H. Richards and H. B. Hutchinson. 1,471,979; Oct. 23.
Fertilizers, Making. K. P. McElroy. 1,441,694; Jan. 9.
Fertilizing materials, Drying and preparing. F. J. Nash. 1,456,332; May 22.
Fiber-board and like box. A. Cole. 1,469,622; Oct. 2.
Fiber board, Device for testing. J. W. Webb. 1,452,944; Apr. 24.
Fiber-dressing apparatus. O. and H. La White. 1,472,419; Oct. 30.
Fiber from palm leaves, Process and apparatus for producing. A. O. Tannenberg. 1,471,535; Oct. 23.
Fiber layers, Apparatus for varying the thickness of. J. K. Shaw. 1,477,288; Dec. 11.
Fiber-opening machine. J. B. Reber. 1,465,235; Aug. 14.
Fiber products, Making laminated. J. M. Taylor. 1,441,133; Jan. 2.
Fiber, Protecting animal. P. Onnertz. 1,466,748; Sept. 4.
Fiber sheets, Forming curved bodies from. A. K. Longren. 1,471,906; Oct. 23.
Fibers according to their length, Apparatus for grading or separating. W. L. Balls. 1,452,352; Apr. 17.
Fibers according to their lengths, Apparatus for grading or separating. W. L. Balls and F. Hutchins. 1,452,353; Apr. 17.
Fibers, films, leather, and the like and making the same, Composition for use in manufacturing artificial. R. J. Löffler. 1,464,949; Aug. 14.
Fibrous cellulose for the production of hydrated derivatives, Treatment of. C. F. Cross and E. J. Bevan. 1,459,616; June 19.
Fibrous material, Apparatus for obtaining fibers from. A. I. Kendall. 1,446,974; Feb. 27.
Fibrous material, Composition for treating. W. C. Geer and J. B. Dickson. 1,470,073; Oct. 9.
Fibrous material, Machine for preparing. J. Moss. 1,442,534; Jan. 16.
Fibrous material, Mechanism for drawing or drafting. A. C. Butler. 1,454,669; May 8.
Fibrous material, Roller for drawing mechanisms for. R. Cottam, T. Sefton, and J. E. Lees. 1,474,020–3; Nov. 13.
Fibrous material, Treating. E. Dyckerhoff. 1,446,888; Feb. 27.
Fibrous materials, Machine for opening and cleaning. W. Youlten. 1,462,459; July 17.
Fibrous materials, Process of and apparatus for cooking. J. D. Tompkins. 1,457,326; June 5.
Fibrous stock and method of cleaning fibrous stock, Cleaner for. W. S. Kinsley. 1,465,047; Aug. 14.
Fibrous stock, Method of and apparatus for decorticating. W. S. Grove. 1,458,700; June 12.
Field frame. A. B. Owen and T. Hall. 1,471,196; Oct. 16.
Field gate. W. G. Stadermann. 1,443,441; Jan. 30.
Figure, Animated. M. B. Conway. 1,447,926; Mar. 6.
Filament. R. D. Hall. 1,461,118; July 10.
Filament and making same, Artificial textile. J. Rousset. 1,464,048; Aug. 7.
Filament clamper. J. B. Whitmore and J. E. Ferguson. 1,464,304; Aug. 7.
Filament support. S. Thronsen. 1,461,232; July 10.
Filaments, threads, and films, Manufacture of artificial. C. W. Palmer and W. A. Dickie. 1,465,994; Aug. 28.
Filaments, threads, and films, Manufacture of artificial. C. W. Palmer and W. A. Dickie. 1,467,493; Sept. 11.
File. J. Thalheimer. 1,447,910; Mar. 6.
File and file cabinet for letters or other papers. W. S. Shaft. 1,450,614; Apr. 3.
File, Bill. F. W. Schepman. 1,478,920; Dec. 25.
File case, Pocket. H. Steinmeyer. 1,470,549; Oct. 9.
File container. P. S. Millice. 1,440,883; Jan. 2.
File, Cotton. D. P. Skelton. 1,457,638; June 5.
File cutter. S. Karpal. 1,474,720; Nov. 20.
File-cutting machine. J. A. Hess. 1,465,434; Aug. 21.

File, Desk. J. Petty. 1,442,904; Jan. 23.
File for letters, documents, and the like. A. M. McNeill and W. J. Abbott. 1,463,827; Aug. 7.
File holder. M. L. Carrier. 1,459,613; June 19.
File holder. R. Dooley. 1,442,469; Jan. 16.
File holder. S. Ringer. 1,477,284; Dec. 11.
File-holder accessory, Vertical. H. R. Livingston. 1,466,308; Aug. 28.
File, Index. R. J. Weinacht. 1,476,662; Dec. 4.
File, Letter. E. Erickson. 1,453,096; Apr. 24.
File, Lock-fold expanding indexing ticket. R. B. Harris. 1,470,832; Oct. 16.
File, Loose-leaf-index. J. T. Quigley. 1,450,304; Apr. 3.
File, Pattern. F. Obrikat, jr. 1,454,069; May 8.
File, System. P. H. Welcker. 1,473,452; Nov. 6.
File teeth on curved surfaces, Machine for cutting. F. F. Sorensen and W. D. Craft. 1,457,091; May 29.
File tray, Expansive. A. E. Westin. 1,469,347; Oct. 2.
File, Visible-account. A. J. Powell. 1,442,176; Jan. 16.
Files, bundles, and such like, Clamp for holding. D. G. Galbraith. 1,469,299; Oct. 2.
Files, Container for. F. R. Plumb. 1,460,499; July 3.
Files, Corn. D. H. Green. 1,473,933; Nov. 13.
Files, Locking device for loose-leaf. C. F. McBee. 1,440,477; Jan. 2.
Files or binders, Locking device for loose-leaf. C. F. McBee. 1,469,388; Oct. 2.
Filing and indexing equipment. J. T. Quigley. 1,476,920; Dec. 11.
Filing apparatus. L. C. Ridge. 1,468,213; Sept. 18.
Filing box. R. W. Shannon. 1,478,618; Dec. 25.
Filing cabinet, Scale-ticket. G. C. Hoadley. 1,464,934; Aug. 14.
Filing-case drawer suspension. A. N. Thomas. 1,454,494; May 8.
Filing case, Portable. J. P. Tarbox. 1,444,811; Feb. 13.
Filing device. A. A. Ainsworth. 1,461,570; July 10.
Filing device. W. M. Aydelotte. 1,467,294; Sept. 11.
Filing device. T. J. Clarke. 1,454,702; May 8.
Filing device. J. E. Harbaugh and F. H. Byrd. 1,449,177; Mar. 20.
Filing device. W. S. Proudfit. 1,440,491; Jan. 2.
Filing device. W. S. Proudfit. 1,474,642; Nov. 20.
Filing device. W. A. Ringler. 1,464,833; Aug. 14.
Filing device for loose leaves. P. Teare. 1,459,298; June 19.
Filing devices, Index for. C. U. Finocchiaro. 1,454,714, May 8.
Filing drawers, Follower for. J. S. Duncan. 1,466,792; Sept. 4.
Filing equipment. J. T. Quigley. 1,450,752; Apr. 3.
Filing equipment. J. T. Quigley. 1,456,677; May 29.
Filing equipment. J. T. Quigley. 1,458,112; June 5.
Filing machine. F. A. Reinhard. 1,454,690; May 8.
Filing machine, Strip-metal-. E. W. Duston. 1,440,975; Jan. 2.
Filing rack. Z. Auerbach. 1,457,136; May 29.
Filing system. W. H. Holmes. 1,472,020; Oct. 23.
Filing system. J. M. Leahy. 1,474,196; Nov. 13.
Filing system. A. H. J. T. Willink. 1,468,613; Sept. 18.
Filing system. R. J. Wood. 1,448,323; Mar. 13.
Filing system, Follow-up. S. W. McKee. 1,467,644; Sept. 11.
Filing tray. F. L. G. Straubel. 1,477,783; Dec. 18.
Filler and gauge. G. R. Goin and R. E. Hite. 1,453,668; May 1.
Filler, Automatic. D. E. A. Savoy. 1,441,946; Jan. 9.
Filler form. R. W. Sexton. 1,458,008; June 5.
Filler tube. L. Kessler. 1,457,976; June 5.
Fillet-winding device. T. P. Sheehan. 1,468,839; Sept. 25.
Filling and capping machine. M. Goldberger. 1,456,690; May 29.
Filling and measuring machine, Receptacle. E. J. Falkiner. 1,442,137; Jan. 16.
Filling apparatus. H. A. House, jr. 1,470,235; Oct. 9.
Filling attachment. H. D. Sterrick. 1,468,887; Sept. 25.
Filling device. C. N. Brackett. 1,454,208; May 8.
Filling machine. W. A. Bjorklund and A. Holmquist. 1,446,611; Feb. 27.
Filling machine. A. Holmquist. 1,453,840; May 1.
Filling machine. C. L. Hooper. 1,469,218; Oct. 2.
Filling machine. H. Lamb. 1,470,381; Oct. 9.
Filling machine. H. A. Shields. 1,445,416; Feb. 13.
Filling machine, Back-. L. A. Krupp. 1,468,950; Sept. 25.
Film and composition for making the same, Cellulose-ether. J. M. Donohue and E. S. Farrow, jr. 1,460,097; June 26.
Film and the like, Reel for cinematograph. E. J. Way. 1,462,401; July 17.
Film carrier. L. N. Plante. 1,466,339; Aug. 28.
Film cartridge. E. F. Kingsbury. 1,469,017; Sept. 25.
Film cartridge, Roll-. G. Eastman. 1,441,146; Jan. 2.
Film-cleaning apparatus. M. Cohen. 1,454,703; May 8.
Film clip. A. K. Chapman and G. A. Riggs. 1,454,213; May 8.
Film dark slide, Roll-. O. Rockstroh. 1,443,433; Jan. 30.
Film developer. F. Dias. 1,454,215; May 8.
Film-developing apparatus. H. C. F. Morant. 1,462,019; July 17.
Film drier. J. W. and W. W. Hicks. 1,460,378; July 3.
Film-drying apparatus. G. L. Chanier and A. L. Adatte. 1,473,542; Nov. 6.
Film-drying apparatus. S. Kind. 1,477,063; Dec. 11.
Film-guiding device. G. W. Noyes. 1,456,821; May 29.
Film hangers, Order holder for. A. E. Nelson. 1,464,157; Aug. 7.
Film holder. C. S. Howland. 1,453,244; Apr. 24.
Film holder, Roll-. J. A. Knorr. 1,459,914; June 26.
Film holders, Loading fixture for. E. C. Allen and G. F. Phillips. 1,458,262; June 12.
Film-joining machine. E. L. Van Pelt. 1,466,076; Aug. 28.
Film machines, Magazine for. R. W. Pittman. 1,451,842; Apr. 17.
Film, Making composite. F. W. Lovejoy. 1,469,815; Oct. 9.
Film-making machine. C. P. Olson. 1,458,591; June 12.
Film mending and assembling machine. E. L. Van Pelt. 1,467,077; Sept. 4.
Film-numbering machine. J. Altschuler and D. Isnow. 1,448,906; Mar. 20.
Film-operating machine. G. Adams. 1,463,992; Aug. 7.
Film-patching machine. W. E. Carleton. 1,459,822; June 26.
Film-plates, Frame for the horizontal development of. P. Mathiotte. 1,461,321; July 10.
Film protector. H. T. Browne and F. L. Diard. 1,446,691; Feb. 27.
Film reel. L. L. Chapman. 1,462,166; July 17.
Film reel. E. J. Denison. 1,466,275; Aug. 28.
Film-reel band. A. E. Hoeft. 1,468,636; Sept. 25.
Film-reel construction. W. I. Tuttle. 1,478,408; Dec. 25.
Film reel, Safety. L. J. Doty. 1,461,029; July 10.
Film-repair tool. R. C. Dohe. 1,450,795; Apr. 3.
Film-roll box. J. S. Greene. 1,471,728; Oct. 23.
Film scraper. F. C. Griswold. 1,464,264; Aug. 7.
Film splicer. F. C. Griswold. 1,464,265; Aug. 7.
Film-splicing machine. M. Metzger. Re15,730; Dec. 11.
Film spool. C. W. MacMillan. 1,454,480; May 8.
Film-spool carriage. C. Bornmann. 1,464,558; Aug. 14.
Film-spool support. L. Lisson. 1,460,971; July 3.
Film-storage cabinet. E. W. Salmon, jr. 1,445,975; Feb. 20.
Film supporter and hanger, Combined. A. B. L. and G. de J. Mèsny. 1,460,346; June 26.
Film-transporting box. L. F. Andres. 1,465,204; Aug. 14.
Film-treating apparatus. J. G. Capstaff and F. C. Martin. 1,441,163; Jan. 2.
Film-waxing machine. M. E. Clark. 1,453,920; May 1.
Films, Combination mount and container for transparent. B. L. Spitzer. 1,466,255; Aug. 28.
Films, Developing photographic sensitized. E. J. Sweetland. 1,447,329; Mar. 6.
Films, Device for use in mending. R. G. Wyman. 1,467,971; Sept. 11.
Films, Fluid-treating apparatus for. C. de Moos. 1,461,794; July 17.
Films for kinetoscopes, Preparing. J. S. Dawley. 1,463,802; Aug. 7.
Films, Hub for cinematographic and photographic. G. Rivetta. 1,446,929; Feb. 27.
Films, Making composite. S. J. Carroll. 1,476,392; Dec. 4.
Films, Mechanism for rewinding. H. A. de Vry. 1,462,487; July 24.
Films, Printing frame for roll. A. W. Standfield. 1,455,308; May 15.
Filter. S. Alsop. 1,472,896; Nov. 6.
Filter. H. Bechhold. 1,473,331; Nov. 6.
Filter. J. W. Bucher. 1,465,156; Aug. 14.
Filter. G. Engel, sr. 1,453,310; May 1.
Filter. W. H. Green. 1,475,577; Nov. 27.
Filter. M. Kessler. 1,446,187; Feb. 20.
Filter. R. T. Lightfoot. 1,446,572–3; Feb. 27.
Filter. F. W. Manning. 1,459,836; June 26.
Filter. L. C. Rolls. 1,475,244; Nov. 27.
Filter. J. A. and L. C. Roosevelt. 1,471,807; Oct. 23.
Filter. E. J. Sweetland. 1,472,098; Oct. 30.
Filter. C. S. White. 1,467,663; Sept. 11.
Filter, Air. L. L. Dollinger 1,474,412; Nov. 20.
Filter bed for sewage disposal. W. T. Burtis. 1,454,723; May 8.
Filter, Continuous vacuum. H. K. Najarian. 1,449,774; Mar. 27.
Filter, Continuously-operating air-pressure. J. W. Brown. 1,446,448; Feb. 27.
Filter, Electrical-wave. A. M. Curtis. 1,465,757–8; Aug. 21.
Filter, Gasoline. H. A. Deeks. 1,456,883; May 29.
Filter, Gasoline. W. C. Strowbridge. 1,460,867; July 3.
Filter, Liquid. K. J. E. Hesselman. 1,456,438; May 22.
Filter, Oil. C. A. Hamilton and B. F. Noyes. 1,454,113; May 8.
Filter, Oil. R. S. Moore and L. B. Jones. 1,461,627; July 10.
Filter, Oil. G. E. Putnam. 1,450,750; Apr. 3.
Filter, Oil. C. Wood. 1,471,994; Oct. 23.
Filter, Plate. J. J. Naugle. 1,441,445; Jan. 9.
Filter press. A. M. Gray. 1,459,911; June 26.
Filter presses, Sluicing mechanism for. S. J. Misener. 1,464,953; Aug. 14.
Filter, Rotary. G. Engel, sr. 1,453,311; May 1.
Filter, Sanitary self-cleaning. P. S. Frick and C. E. Robinson. 1,450,770; Apr. 3.

Filter screen, Wet-. L. C. Cruyt. 1,450,951; Apr. 10.
Filter, Wave. H. W. Elsasser. 1,467,360; Sept. 11.
Filters, Drainage plate for. F. W. Manning. 1,470,463; Oct. 9.
Filtering apparatus. W. Paterson. 1,455,505; May 15.
Filtering apparatus. J. C. Silvester. 1,469,026; Sept. 25.
Filtering apparatus. B. Thoens. 1,477,986; Dec. 18.
Filtering, decolorizing, and similar purposes, Method and apparatus for treating materials for. F. W. Manning. 1,473,491; Nov. 6.
Filtering means for lubricating systems. E. E. Hans. 1,462,175; July 17.
Filtering mechanism. S. R. King. 1,443,918; Jan. 30.
Filtering tank. J. H. Packer. 1,453,169; Apr. 24.
Filtration. G. H. Fifield. 1,455,436; May 15.
Filtration. H. F. Glair and E. J. Wonnacott. 1,474,899; Nov. 20.
Filtration. H. S. Thatcher. 1,477,394; Dec. 11.
Filtration. A. Wright and F. W. Young. 1,472,574; Oct. 30.
Filtration chamber. J. W. Flower. 1,457,514; June 5.
Finder, Proportion. R. Landenberger. 1,444,381; Feb. 6.
Finger exerciser. C. R. Gorrell. 1,472,906; Nov. 6.
Finger-print impressions, Apparatus for taking and preserving. P. Ryan. 1,466,032; Aug. 28.
Finger ring. N. E. Atkinson. 1,473,717; Nov. 13.
Finger ring. H. Breslavsky. Des. 63,070; Oct. 2.
Finger ring. H. Breslavsky. Des. 63,280; Nov. 20.
Finger ring. B. F. Brogan. Des. 63,552; Dec. 18.
Finger ring. C. A. Dietz and H. Schuman. Des. 62,938; Aug. 28.
Finger ring. H. Dubiner. Des. 62,013; Feb. 27.
Finger ring. B. Gross. Des. 62,006; Feb. 27.
Finger ring. C. W. Holmes. 1,460,798; July 3.
Finger ring. H. W. Peters. Des. 61,921; Feb. 6.
Finger ring. W. A. H. Robinson. Des. 62,388; May 15.
Finger ring. V. Sorrentino. Des. 62,347; May 8.
Finger ring. A. Werner. Des. 62,158; Mar. 27.
Finger ring. A. Werner. Des. 62,513; June 12.
Finger ring. F. H. Wittstein. Des. 63,384; Nov. 27.
Finger ring. P. Woolf. Des. 61,884; Feb. 6.
Finger ring and setting. G. Gaschke. 1,453,708; May 1.
Finger ring, badge, button, or similar article. J. W. Elliott. Des. 61,870; Feb. 6.
Finger ring, bracelet, or similar article. S. Eisenberg. Des. 62,713; July 24.
Finger ring, bracelet, or similar article of manufacture. J. H. Spiro. Des. 62,747; July 24.
Finger ring or article of similar nature. B. Gross. Des. 63,133; Oct. 16.
Finger ring or similar article. L. Fiedler. Des. 63,130; Oct. 16.
Finger ring or similar article. F. C. Lautz. Des. 63,468–74; Dec. 11.
Finger ring or similar article of jewelry. D. Hershcowitz and J. Bass. Des. 61,975; Feb. 20.
Finger ring, pin, brooch, or similar article. J. Wodiska. Des. 62,226; Apr. 17.
Finger rings, Making. J. Karlan. 1,474,828; Nov. 20.
Finishing machine. L. A. Babcock. 1,454,031; May 8.
Fire-alarm and safety device for stables. K. Radoush. 1,449,954; Mar. 27.
Fire-alarm apparatus. V. Durbin. 1,465,425; Aug. 21.
Fire-alarm-signal booth. J. Dziedzie. 1,446,738; Feb. 27.
Fire-alarm system. N. H. Suren. 1,465,496; Aug. 21.
Fire and country damage, Cotton bale and material and method for rendering the same proof against. H. V. Haley. 1,455,749; May 15.
Fire arch. H. A. Poppenhusen. 1,463,971; Aug. 7.
Fire arch. H. A. Poppenhusen and A. P. Strong. 1,466,751; Sept. 4.
Fire arch. H. A. Poppenhusen. 1,477,895; Dec. 18.
Firearm. A. V. P. M. Berthier. 1,446,635; Feb. 27.
Firearm. A. V. P. M. Berthier. 1,456,482; May 22.
Firearm. J. M. Browning. 1,457,961; June 5.
Firearm. J. M. Browning. 1,464,864; Aug. 14.
Firearm. E. A. Fairbanks. 1,463,160; July 31.
Firearm. G. Hammond. 1,455,880–1; May 22.
Firearm. E. F. Hedrick. 1,448,297; Mar. 13.
Firearm. E. D. Henry. 1,450,596; Apr. 3.
Firearm. T. F. Horan. 1,441,807; Jan. 9.
Firearm. G. S. Lewis. 1,459,108; June 19.
Firearm. C. A. Nelson. 1,446,763; Feb. 27.
Firearm. J. D. Pedersen. 1,470,029; Oct. 9.
Firearm. J. D. Pedersen. 1,473,571; Nov. 6.
Firearm. T. A. Ryan. 1,472,737; Oct. 30.
Firearm, Automatic. A. L. Chevallier. 1,454,039; May 8.
Firearm, Automatic. A. C. Ithomitis. 1,442,951; Jan. 23.
Firearm, Automatic. U. A. Marga. 1,456,811; May 29.
Firearm, Automatic. R. Musitelli. 1,455,503; May 15.
Firearm, Automatic. F. and G. Walther. 1,457,477; June 5.
Firearm, Bolt-action. F. F. Burton and A. A. Rowley. 1,449,650; Mar. 27.
Firearm, Educative dummy. R. E. Reardon. 1,476,181; Dec. 4.
Firearm for teaching or practicing the aiming thereof and for adapting the same for signalling. L. C. A. de B. Doucet. 1,451,294; Apr. 10.
Firearm, Magazine. A. Kottas. 1,451,339; Apr. 10.
Firearm of the breakdown type, Single-barrel. E. F. Flues. 1,450,496; Apr. 3.
Firearm projectile. E. Ludorf. 1,446,711; Feb. 27.
Firearm, Recoil-operated. N. Cedillo. 1,453,439; May 1.
Firearm, Self-loading. F. and G. Walther. 1,460,807; July 3.
Firearms, Automatic. G. Vinçon. 1,464,276; Aug. 7.
Firearms, Magazine catch and release for. G. Hammond. 1,452,042; Apr. 17.
Firearms, Magazine sear lock for. J. D. Pedersen and C. C. Loomis. 1,466,749; Sept. 4.
Firearms, Peep sight for. J. C. Matthews. 1,466,913; Sept. 4.
Firearms, Rear sight for. J. M. Browning. 1,455,071; May 15.
Firearms, Safety device for portable. E. Larson. 1,450,976; Apr. 10.
Firearms, Sight for. J. Declaye. 1,459,284; June 19.
Firearms, Sight for. J. P. Genard. 1,466,297; Aug. 28.
Firearms, Silencer for. F. Wildner. 1,462,158; July 17.
Firearms, Target finder for. C. H. Norrlin. 1,452,651; Apr. 24.
Fire box. J. C. Jenkins. 1,477,059; Dec. 11.
Fire box. R. B. Taylor. 1,455,681; May 15.
Fire box, Adjustable. A. Kubicki. 1,473,237; Nov. 6.
Fire-box arch and arch brick. R. J. Himmelright. 1,470,736; Oct. 16.
Fire-box arch and arch bricks therefor. J. P. Neff. 1,470,697; Oct. 16.
Fire-box-arch construction. G. C. Denney. 1,456,628; May 29.
Fire-box-arch construction. A. H. Willett. 1,452,948; Apr. 24.
Fire box, Locomotive. L. Parish. 1,450,607; Apr. 3.
Fire boxes, Means for reducing the capacity of. L. C. Peters. 1,451,405; Apr. 10.
Fireboxes of boilers, Arch for the. W. J. Stoop 1,442,105; Jan. 16.
Fire boxes, Suction means for feeding powdered fuel to. F. L. McGahan. 1,443,794; Jan. 30.
Fire-brick mold. R. L. Kinton and A. F. Hibner. 1,478,746; Dec. 25.
Fire-control and gun-laying apparatus. A. J. H. Pollen. 1,445,353; Feb. 13.
Fire-control apparatus especially for naval guns. W. Akemann. 1,452,015; Apr. 17.
Fire-control system, Direct-. R. V. Morse. 1,441,535; Jan. 9.
Fire-controlling apparatus. E. Mihalovich. 1,444,749; Feb. 6.
Fire door. C. R. Bumbarger. 1,474,345; Nov. 20.
Fire door. H. C. Waldman. 1,451,353; Apr. 10.
Fire-door binder. C. R. Bumbarger. 1,467,826; Sept. 11.
Fire - door - operating mechanism. A. C. Roebuck. 1,455,095; May 15.
Fire escape. C. C. Abbott and W. E., B. L., and I. L. Bassett. 1,452,543; Apr. 24.
Fire escape. A. J. M. Barthelemy, dit Paul Cans. 1,463,149; July 31.
Fire escape. W. T. Bassett. 1,472,203; Oct. 30.
Fire escape. C. F. Morrill. 1,455,928; May 22.
Fire escape. R. Platman. 1,444,639; Feb. 6.
Fire escape. G. A. Roberts. 1,447,182; Mar. 6.
Fire escape. P. P. Vescovi. 1,444,015; Feb. 6.
Fire escape. M. V. Wanderley. 1,472,446; Oct. 30.
Fire escape, Friction. S. Johnson. 1,470,746; Oct. 16.
Fire escape, Portable. C. Sago. 1,465,182; Aug. 14.
Fire escape, Window. J. F. Gaken. 1,450,207; Apr. 3.
Fire extinguisher. P. Braude. 1,458,972; June 19.
Fire extinguisher. A. L. Cole. 1,475,752; Nov. 27.
Fire extinguisher. C. A. Conover. 1,476,594; Dec. 4.
Fire extinguisher. E. N. Dollin. 1,469,501; Oct. 2.
Fire extinguisher. W. J. Frisbie. Des. 62,534; June 19.
Fire extinguisher. W. J. Frisbie. 1,467,477; Sept. 11.
Fire extinguisher. B. P. Hall. 1,449,397; Mar. 27.
Fire extinguisher. A. E. Kircher. 1,467,857; Sept. 11.
Fire extinguisher. P. G. MacGregor. 1,474,204; Nov. 13.
Fire extinguisher. I. M. Matson. 1,468,163; Sept. 18.
Fire extinguisher. G. T. Pearsons. Re15,673; Aug. 14.
Fire extinguisher. G. T. Pearsons. 1,471,750; Oct. 23.
Fire extinguisher. A. B. Phister. 1,467,980; Sept. 11.
Fire extinguisher. L. Robinson. 1,452,657; Apr. 24.
Fire extinguisher. W. S. Tiffany. 1,454,825; May 8.
Fire extinguisher. A. E. Waggoner. 1,445,733; Feb. 20.
Fire extinguisher, Automatic. C. Ladd-Davis. 1,451,915; Apr. 17.
Fire extinguisher, Automatic self-contained. M. F. Hayes. 1,465,129; Aug. 14.
Fire extinguisher for distributing aqueous-like fluent material, Automatic. C. Ladd-Davis. 1,451,916; Apr. 17.
Fire-extinguisher holder. R. C. Iddings. 1,464,001; Aug. 7.
Fire-extinguisher system. Stationary chemical mixing. J. W. Enright. 1,463,072; July 24.
Fire-extinguisher systems, Automatic attachment for. J. C. Meloon. 1,470,178; Oct. 9.
Fire-extinguishing apparatus, Foam-producing. J. R. Hamilton. 1,467,377; Sept. 11.
Fire-extinguishing composition. A. Henning. 1,440,918; Jan. 2.
Fire-extinguishing means. E. J. White. 1,449,713; Mar. 27.
Fire-extinguishing water sprinkler and alarm, Automatic. H. Eastman. 1,468,009; Sept. 18.
Fire fan. R. C. Sturgis. Des. 62,625; July 3.
Fire-fighting tool. C. H. Rich. 1,469,957; Oct. 9.

Fire grate, Sectional. A. Terryberry. 1,458,669; June 12.
Fire-hose-nozzle support, Adjustable. J. B. Blaw. 1,444,900; Feb. 13.
Fire-hose rack. W. McClintock. 1,471,499; Oct. 23.
Fire, Imitation. H. H. Berry. 1,470,253; Oct. 9.
Fire kindler. J. H. Coyne. 1,447,237; Mar. 6.
Fire kindler. J. H. Douglas. 1,473,837; Nov. 13.
Fire kindler. J. Quist. 1,461,496; July 10.
Fire, Means for extinguishing. H. E. Delbare. 1,453,091; Apr. 24.
Fire-nozzle support, Adjustable. J. B. Blaw. 1,451,006; Apr. 10.
Fireplace. H. L. Day. 1,467,474; Sept. 11.
Fireplace. W. E. De Armond. 1,461,211; July 10.
Fireplace. V. A. Holbrook. 1,442,473; Jan. 16.
Fireplace closure. B. F. Rowe. 1,475,886; Nov. 27.
Fireplace construction. L. B. Williams. 1,470,793; Oct. 16.
Fireplace front. M. E. Poling. 1,470,542; Oct. 9.
Fireplace guard screen. L. F. Eisele. 1,454,269; May 8.
Fireplace heater. C. W. Buckler. 1,469,494; Oct. 2.
Fireplace heater. W. J. Groth. 1,468,964; Sept. 25.
Fireplace heater. J. S. Nichols. Re15,577; Apr. 10.
Fireplace heater. L. M. Specht and J. A. Shimek. 1,475,088; Nov. 20.
Fireplaces, Heating device for open. J. S. Nichols. Re15717; Nov. 6.
Fire pot. E. J. Horn. 1,469,598; Oct. 2.
Fire pot. J. B. Koehler. 1,473,772; Nov. 13.
Fire pot. F. L. Lindhorst. 1,447,796; Mar. 6.
Fire pot. T. J. O'Loughlin and H. E. Smith. 1,441,368; Jan. 9.
Fire prevention, Foam for. G. H. L. Kent. 1,441,728; Jan. 9.
Fire prevention, Method, system, and apparatus for log-pile. B. R. T. Collins. 1,475,052; Nov. 20.
Fireproof building construction. J. Lally. 1,440,545; Jan. 2.
Fireproof garment. E. A. Meeks. 1,466,726; Sept. 4.
Fireproof partition. J. C. Gooding. 1,458,652; June 12.
Fireproof tank. W. S. Huff. 1,463,268; July 31.
Fireproof wall board. H. A. Parkyn. 1,466,246; Aug. 28.
Fireproof walls or partitions, Frame construction for. C. Collins. 1,455,711–2; May 15.
Fireproof wastecan. R. Blank. 1,443,833–4; Jan. 30.
Fireproofing and other purposes and preparing same, Composition for. W. L. Wooton. 1,451,485; Apr. 10.
Fireproofing construction for buildings. C. A. Matheny and F. F. Steele. 1,465,452; Aug. 21.
Fire rescue bag. H. E. Hodgson. 1,457,304; June 5.
Fire rescue cable. H. E. Hodgson. 1,448,348; Mar. 13.
Fire-rescue device. H. E. Hodgson. 1,456,106; May 22.
Fire-resisting composition. C. R. Allison. 1,444,051; Feb. 6.
Firing apparatus, Powdered-material-. A. J. Grindle. 1,477,824; Dec. 18.
Firing devices of all kinds, particularly adapted for shell mortars, Breech for. A. Wolff. 1,446,683; Feb. 27.
Firing mechanism. A. Y. Leech, jr. 1,469,663; Oct. 2.
Firing system, Director. J. B. Walker and A. R. Bond. 1,474,745; Nov. 20.
Fish and bait carrier. C. M. Forsburg. 1,465,814; Aug. 21.
Fish and the like, Cooling and freezing of. J. J. Piqué. 1,458,991; June 19.
Fish bait, Artificial. J. W. Dickens. 1,468,627; Sept. 25.
Fish bait, Artificial. R. F. Dickman. 1,472,638; Oct. 30.
Fish bait, Artificial. C. Heddon and W. A. Stolley. 1,477,756; Dec. 18.
Fish bait, worms, etc., out of the earth, Forcing. F. E. Lingafelter and G. S. Heck. 1,446,914; Feb. 27.
Fish boner. A. E. Carr. 1,470,807; Oct. 16.
Fish box. R. Brenneman. 1,446,612; Feb. 27.
Fish-cleaning machine. D. MacPhee. 1,450,508; Apr. 3.
Fish cooler and carrier. A. L. Boggs. 1,465,110; Aug. 14.
Fish-dressing machine. N. C. Nicholson. 1,471,567; Oct. 23.
Fish-dressing tool. A. Wetzig. 1,459,007; June 19.
Fisherman's flybook. A. S. Langbein. 1,454,932; May 15.
Fishermen, Bait holder for. G. Thompson. 1,476,230; Dec. 4.
Fishgig. I. E. Malone. 1,457,983; June 5.
Fish grading and cleaning device, Combined. J. W. Ellenwood. 1,450,146; Mar. 27.
Fishhook. W. Filipowski. 1,450,798; Apr. 3.
Fishhook. A. H. Hanselman. 1,452,377; Apr. 17.
Fishhook. W. D. Hanson. 1,464,571; Aug. 14.
Fishhook. F. Kessel. 1,457,373; June 5.
Fishhook. R. Maeda. 1,468,572; Sept. 18.
Fishhook. F. A. Quintal. 1,454,689; May 8.
Fishhook. H. C. A. Wipp. 1,457,762; June 5.
Fishhook, Detachable. G. A. Runkel. 1,457,550; June 5.
Fishhook holder. W. C. Gardner. 1,451,256; Apr. 10.
Fishhook, Multiple. G. W. Edmondson. 1,448,735; Mar. 20.
Fishing. N. A. Lybeck. 1,464,623; Aug. 14.
Fishing and similar uses, Fly for fly. H. B. Chase, jr. 1,452,593; Apr. 24.
Fishing and swaging tool, Combined. A. B. Watkins. 1,455,314; May 15.
Fishing apparatus. C. P. Dross. 1,462,196; July 17.
Fishing apparatus. H. Podolsky. 1,474,731; Nov. 20.
Fishing apparatus. H. Wood. 1,449,570; Mar. 27.
Fishing bait. J. R. Bingham. 1,476,139; Dec. 4.
Fishing device. H. Smith. 1,457,401; June 5.
Fishing float. J. C. Low. 1,468,720; Sept. 25.
Fishing hook. D. Walker. 1,452,630; Apr. 24.
Fishing-line bobber, Adjustable. O. Olson. 1,463,020; July 24.
Fishing-line float. C. F. Britzwein. 1,469,885; Oct. 9.
Fishing-line reel, Automatic. W. C. Stocklin. 1,472,144; Oct. 30.
Fishing lines, Spreader for. D. Abernethy. 1,464,163; Aug. 7.
Fishing lure. F. A. Cass. 1,452,359; Apr. 17.
Fishing net. J. K. Dukas. 1,457,886; June 5.
Fishing pole, Automatic. F. E. Fantz. 1,464,067; Aug. 7.
Fishing reel. W. L. Adams. 1,468,128; Sept. 18.
Fishing reel. A. E. Avery. 1,459,567; June 19.
Fishing reel. C. A. Boyer. 1,471,377; Oct. 23.
Fishing reel. F. M. Case. 1,460,151; June 26.
Fishing reel. T. E. Malleson. 1,463,828; Aug. 7.
Fishing reel. F. McKimmy. 1,445,525; Feb. 13.
Fishing reel. W. C. Moll. 1,461,043; July 10.
Fishing reel. J. B. Pelletier. 1,470,640; Oct. 16.
Fishing reel. S. G. Russell. 1,455,358; May 15.
Fishing reel. S. G. Russell and E. D. Clickner. 1,464,587; Aug. 14.
Fishing reel. S. G. Russell. 1,468,676; Sept. 25.
Fishline reel. W. Schmid. 1,488,871; Mar. 20.
Fishing reel. N. J. Smith. 1,448,947; Mar. 20.
Fishing reel. J. T. Welch. 1,460,994; July 3.
Fishing reel. J. T. Welch. 1,463,642; July 31.
Fishing reel. J. T. Welch. 1,467,407; Sept. 11.
Fishing reel, Automatic. A. D. Maury. 1,469,845; Oct. 9.
Fishing-reel hand rest. F. J. Sinkula and H. H. Kowitz. 1,469,649; Oct. 2.
Fishing reels, Drag handle for. W. H. Readle. 1,467,250; Sept. 4.
Fishing reels, Fixed line protector for. A. D. Maury. 1,444,201; Feb. 6.
Fishing reels, Tension oil cap for. F. M. Case. 1,450,738; Apr. 3.
Fishing rod. W. F. Hollister. 1,458,057; June 5.
Fishing rod. J. Johnson. 1,448,120; Mar. 13.
Fishing rod, Detachable guide or tip for. W. R. Lindstrom. 1,473,437; Nov. 6.
Fishing-rod handle. F. C. Lee. 1,452,808; Apr. 24.
Fishing-rod-repair device. D. M. Hudson. 1,463,084; July 24.
Fishing rod, Telescopic. C. A. Tredwell. 1,441,045; Jan. 2.
Fishing-rod tip and guide for fishing lines. A. W. Elliott. 1,478,643; Dec. 25.
Fishing tackle. T. Bartholomew. 1,465,707; Aug. 21.
Fishing tackle. C. Fredricks. 1,476,067; Dec. 4.
Fishing tackle. L. T. Guy. 1,466,620; Aug. 28.
Fishing tackle. A. H. Lent. 1,461,246; July 10.
Fishing tackle. R. I. Reed. 1,475,408; Nov. 27.
Fishing tackle. E. M. Roberts. 1,463,062; July 24.
Fishing tackle. J. C. Sherry. 1,442,981; Jan. 23.
Fishing through ice, Automatic device for. W. O. Stolze. 1,451,124; Apr. 10.
Fishing through the ice, Appliance for. L. H. Eccleston. 1,443,981; Feb. 6.
Fishing tool. A. L. Bell and T. E. Raines. 1,457,139; May 29.
Fishing tool. C. H. Brown. 1,462,099; July 17.
Fishing tool. C. H. Brown. 1,469,493; Oct. 2.
Fishing tool. C. H. Brown. 1,472,713; Oct. 30.
Fishing tool. W. Casey. 1,450,541; Apr. 3.
Fishing tool. G. F. Cunningham. 1,453,493; May 1.
Fishing tool. E. J. Much. 1,443,636; Jan. 30.
Fishing tool. F. J. Pearl. 1,466,916; Sept. 4.
Fishing tool. V. W. Swoveland. 1,461,006; July 3.
Fishing tool, Automatic. A. E. Brady. 1,477,535; Dec. 18.
Fishing-tool, Lug socket. T. A. Stephens. 1,443,853; Jan. 30.
Fishing tool, Multiple. H. M. Myracle. 1,473,158; Nov. 6.
Fishing tool, Overshot. J. B. Reilly and C. H. Stone. 1,477,593; Dec. 18.
Fishing tool, Sucker-rod overshot. S. A. Erwin. 1,470,114; Oct. 9.
Fishing, Trawling gear for deep-sea. J. B. J. A. Vigneron. 1,440,854; Jan. 2.
Fish-landing net and handle, Hand-operating extensible. J. W. McElhany. 1,450,322; Apr. 3.
Fish lure. H. T. Hyams. 1,470,842; Oct. 16.
Fish lure. A. Olson. 1,464,215; Aug. 7.
Fish lure. W. H. Readle. 1,454,820; May 8.
Fish lure, Artificial. L. Johnson. 1,466,231; Aug. 28.
Fish, Machine for dressing. O. and T. Kloster. 1,449,610; Mar. 27.
Fish, Machine for treating. M. J. Abbott. 1,463,111; July 24.
Fishplate bond protector. L. R. Snyder. 1,468,177; Sept. 18.
Fish products, Apparatus for the production of. P. B. Jagger. 1,476,893; Dec. 11.
Fish reel, Level-wind. W. Schmid. 1,461,586; July 10.
Fish rod. R. A. Mull. 1,450,700; Apr. 3.

Fish-rod holder. G. Hipwood. 1,451,732; Apr. 17.
Fish scaler. J. J. Barry. 1,456,666; May 29.
Fish-scaling apparatus. C. F. Brown and R. L. Tedesco. 1,440,960; Jan. 2.
Fish screen. F. G. Hurst. 1,451,394; Apr. 10.
Fish-shipping tank. G. L. A. Friedrichs. 1,461,350; July 10.
Fish slicing and backbone-removing machine. C. Meissner. 1,468,972; Sept. 25.
Fish slitting and cleaning machine. E. H. Waugh. 1,459,273; June 19.
Fish stop. J. S. Neumann. 1,468,320; Sept. 18.
Fish string. J. L. Simpson. 1,475,891; Nov. 27.
Fish-stringing device. W. F. C. Reimers. 1,447,429; Mar. 6.
Fish-stringing line. J. A. May. 1,477,656; Dec. 18.
Fish-tape puler. H. E. Lubker. 1,461,361; July 10.
Fish trap, Floating. A. L. Hermanson. 1,453,135; Apr. 24.
Fish-trimming machine. D. McPhee. 1,473,961; Nov. 13.
Fitting-up bolt. J. J. McDermitt. 1,448,692; Mar. 13.
Fixation of nitrogen, Method and apparatus for the. C. H. Buettner. 1,446,546; Feb. 27.
Fixture arm. M. and I. Geringer. Des. 63,555; Dec. 18.
Fixture device. D. A. Rose. 1,475,885; Nov. 27.
Fixture gauge, Illuminating. H. D'Olier, jr. 1,470,870; Oct. 16.
Fixture stem, Universal. C. H. Rockey. 1,448,942; Mar. 20.
Fixture support. F. E. Wooley. 1,478,595; Dec. 25.
Fixture support and loom fastener, Combined. E. W. Moon. 1,473,794; Nov. 13.
Fixture, Universal. C. T. Male. 1,461,668; July 10.
Flag-draping device. I. Severson. 1,443,049; Jan. 23.
Flag holder. J. T. Moody. 1,475,960; Dec. 4.
Flag, pennant, or similar emblem, Service. E. H. Greist. Des. 61,827; Jan. 23.
Flagpole, Counterbalanced. L. P. Bolander. 1,470,320; Oct. 9.
Flagstaff holder. H. F. Mahoney. 1,467,621; Sept. 11.
Flag support, Signal-. J. M. Conley. 1,458,808; June 12.
Flag-supporting device. J. M. Short. 1,476,426; Dec. 4.
Flag-waving device, Mechanical. S. Trachtenberg. 1,453,772; May 1.
Flaking mills, Heated roll for. H. C. Marmon. 1,443,629; Jan. 30.
Flame-measuring device. J. B. Rather. 1,469,052; Sept. 25.
Flange, Adjustable. L. R. Zifférer. 1,462,187; July 17.
Flange-lining machine. J. M. Hothersall. 1,440,681; Jan. 2.
Flanged articles, Machine for finishing. J. M. Nash. 1,459,741; June 26.
Flanging machine. H. McCabe. 1,449,427; Mar. 27.
Flanging machine. H. McCabe. 1,460,167; June 26.
Flanging machine. H. McCabe. 1,461,041; July 10.
Flanges on plates, Method and apparatus for manufacture of. F. Ljundström. 1,464,434; Aug. 7.
Flashing. A. G. Nelson. 1,442,172; Jan. 16.
Flash light. E. R. Barany. 1,448,353–4; Mar. 13.
Flash light. E. R. Barany and L. B. Manson. 1,448,352; Mar. 13.
Flash light. E. R. Barany. 1,460,149; June 26.
Flash light. E. R. Barany. 1,466,350; Aug. 28.
Flash light. C. W. Harvey. 1,450,500; Apr. 3.
Flash light. R. L. Hunter. 1,478,282; Dec. 18.
Flash light. G. I. Johnson. Des. 62,329; May 8.
Flash light. H. M. Koretzky. 1,451,618; Apr. 10.
Flash light. J. F. Roffy. 1,441,833–4; Jan. 9.
Flash light. A. Uran. 1,460,002; June 26.
Flash light and battery therefor. G. W. Heise and H. H. Thompson. 1,464,573; Aug. 14.
Flash-light and toilet article, Combination. L. Franklin. 1,449,391; Mar. 27.
Flash-light apparatus, Door construction for. E. L. Johnson. 1,450,502; Apr. 3.
Flash-light batteries and lamps, Testing device for. W. Link. 1,459,336; June 19.
Flash-light-battery thrust cap. E. R. Barany. 1,460,150; June 26.
Flash-light case. G. E. White. 1,462,674. July 24.
Flash-light holder. C. E. Tower. 1,471,985; Oct. 23.
Flash-light lever. G. I. Johnson. Des. 63,402; Dec. 4.
Flash light, Magneto. A. Luzy. 1,472,335; Oct. 30.
Flash-light switch. C. H. Stevenson. 1,470,776; Oct. 16.
Flash lights, Signal attachment for. S. R. Burke. 1,445,483; Feb. 13.
Flash light. E. R. Barany and W. S. Pritchard. 1,441,822; Jan. 9.
Flask: *See*—
Dental flask. Molding flask.
Foundry flask.
Flask. H. O'Neill. 1,445,642; Feb. 20.
Flask-filling machine. E. S. Carman. 1,476,688; Dec. 11.
Flask guide. L. P. Oakley. 1,447,599; Mar. 6.
Flasks, Device for use with vacuum. A. J. Nathan and A. E. Barclay. 1,449,292; Mar. 20.
Flasks, Sand button for use on wooden snap. R. Schulz. 1,441,035; Jan. 2.
Flasks, Sand ejector for. W. E. Burgess. 1,469,888; Oct. 9.
Flasks, Sand-retaining bar or plate for foundry. H. E. White. 1,467,347; Sept. 11.
Flatiron. W. J. Turenne. 1,450,995; Apr. 10.
Flatiron conductors, Take-up for. W. C. O'Brien. 1,470,183; Oct. 9.
Flatiron cut-out, Electric-. O. A. Colby. 1,477,314; Dec. 11.
Flatiron, Electric. W. T. Hoofnagle. 1,446,798; Feb. 27.
Flatiron, Electric. A. H. Smith. 1,449,201; Mar. 20.
Flatiron, Electrically-heated. R. B. Older. 1,457,792; June 5.
Flatiron lifter, Automatic. M. F. Gorman. 1,465,077; Aug. 14.
Flatirons, Protective device for electric. W. T. Hoofnagle. 1,447,134; Feb. 27.
Flatirons, Thermostatic switch for. R. D. Hetrick. 1,474,588; Nov. 20.
Flavoring agent for beverages. L. Von Horst. 1,464,520; Aug. 14.
Flax and like textile substances, Textile machine for. C. F. Lesage. 1,455,629; May 15.
Flax and other fibrous plants, Deseeding machinery. T. E. Mitchell. 1,441,993; Jan. 9.
Flax fiber for spinning, Manufacturing. B. S. Summers. 1,469,971; Oct. 9.
Flax-pulling machine. G. Michot. 1,451,231; Apr. 10.
Fleshing machine. S. Friedman. 1,463,076; July 24.
Flexible and folding table. P. F. Shivers and G. W. Obenchain. 1,445,854; Feb. 20.
Flexible bumper. W. G. Cox. 1,470,000; Oct. 9.
Flexible coupling. C. W. Beck. 1,458.608; June 12
Flexible coupling. H. W. Bell. Re15.519; Jan. 9.
Flexible coupling. E. E. Brown. 1,455,425; May 15.
Flexible coupling. R. B. Holmes. 1,460,337; June 26.
Flexible coupling. J. B. Meriam. 1,467,185; Sept. 4.
Flexible coupling. A. J. Pukt. 1,478,398; Dec. 25.
Flexible coupling. C. Raisig. 1,459,035; June 19.
Flexible coupling. F. D. Saylor. 1,443,148; Jan. 23.
Flexible coupling. E. Schwarz. 1,458,894; June 12.
Flexible coupling. C. W. Spicer and G. L. Tarbox. 1,443,440; Jan. 30.
Flexible coupling. A. Sundh. 1,440,847; Jan. 2.
Flexible coupling. G. H. Thomas. 1,454,087; May 8.
Flexible coupling. J. W. Thropp. 1,460,869; July 3.
Flexible coupling. J. Wilkinson. 1,444,439; Feb. 6.
Flexible joint. R. B. Holmes. 1,460,338; June 26.
Flexible joint. B. Liebowitz. 1,460,817; July 3.
Flexible joint. A. S. Macdonald. 1,466,238; Aug. 28.
Flexible joint. E. S. Seavey. 1,469,448; Oct. 2.
Flier. C. Prew. 1,474,287; Nov. 13.
Flier. P. Prince-Smith and D. Waterhouse. 1,471,988; Oct. 23.
Flier and making the same. H. Rahlin. 1,444,008; Feb. 6.
Flies, Course director for. M. J. Kivlin. 1,472,127; Oct. 30.
Float. A. H. Mori. 1,466,671; Sept. 4.
Float. J. I. Sanders. 1,466,601; Aug. 28.
Float. S. H. Smith. 1,465,370; Aug. 21.
Float ball. P. J. Brewington. 1,457,055; May 29.
Float device. D. L. Ranlett. 1,465,790; Aug. 21.
Float device. H. G. Wallmann. 1,466,494; Aug. 28.
Float, Folding. A. Nielsen. 1,456,397; May 22.
Float, Hollow inclosed. E. Ruegger. 1,469,647; Oct. 2.
Float-operated switch. S. A. Shapiro. 1,475,087; Nov. 20.
Float, Swimmer's. L. A. Swineford. 1,446,222; Feb. 20.
Floating frame. J. H. Macalpine. 1,464,624; Aug. 14.
Floor and ceiling construction. H. D. Conway. 1,460,014; June 26.
Floor and surfacing machine. J. Kigas. 1,448,966; Mar. 20.
Floor chime. A. C. Gilbert. 1,457,360; June 5.
Floor clamp. R. E. Morgan. 1,475,851; Nov. 27.
Floor-cleaning apparatus. F. Vorel. 1,467,629; Sept. 11.
Floor construction. E. F. Kellie. 1,466,591; Aug. 28.
Floor construction, Concrete. O. D. Purington. 1,474,441; Nov. 20.
Floor construction, Reenforced. K. R. Schuster. 1,450,187; Apr. 3.
Floor controllers, Correcting device for. J. E. Boyce. 1,452,490; Apr. 24.
Floor, Convertible false. J. W. Lippincott. 1,440,476; Jan. 2.
Floor-cover composition. T. Naemura. 1,466,241; Aug. 28.
Floor covering. W. E. Sumner. 1,442,012; Jan. 9.
Floor, deck, or the like, Slatted. S. Gage. 1,475,765; Nov. 27.
Floor drain. J. C. Sanders. 1,448,769; Mar. 20.
Floor-finishing apparatus. A. W. Green. 1,447,382; Mar. 6.
Floor heater. B. F. Caldwell. 1,457,056; May 29.
Floor jack. R. E. Watts. 1,470,515; Oct. 9.
Floor mat. C. E. Bateman. 1,446,328; Feb. 20.
Floor mat. J. H. Bruninga. 1,464,026; Aug. 7.
Floor mop. M. V. Hultqvist. 1,466,169; Aug. 28.
Floor-mop attachment. P. H. and J. S. Macy. 1,461,319; July 10.
Floor or ceiling plate. W. A. Keeney. 1,475,188; Nov. 27.
Floor or wall covering. L. J. D. Healy. 1,473,767; Nov. 13.
Floor or wall ground. T. W. Baker. 1,470,797; Oct. 16.
Floor planer. R. L. Conner. 1,452,498; Apr. 24.

Floor plate. J. E. Erskine. 1,463,359; July 31.
Floor polisher. A. F. Steiert and O. W. Linke. 1,471,217; Oct. 16.
Floor-scrubbing machine. G. L. Daly. 1,464,031; Aug. 7.
Floor section, Wooden-. J. B. Een. 1,468,288; Sept. 18.
Floor slab. F. Lichtenberg and M. M. McCarthy. 1,463,621; July 31.
Floor strip, Composition. S. G. Rigdon. 1,444,274; Feb. 6.
Floor surfacer. E. B. Gunther. 1,457,224; May 29.
Floor-surfacing machine. J. W. Stubblefield. 1,469,028; Sept. 25.
Floor-surfacing machine. R. E. Wright and O. E. Barthel. 1,468,432; Sept. 18.
Floor waxer and polisher. A. S. Boyle. 1,451,200; Apr. 10.
Flooring. F. W. Cherrington. 1,465,623; Aug. 21.
Flooring and laying terrazzo, Terrazzo. L. Del-Turco. Re. 15,535; Feb. 6.
Flooring and wall paneling, Parquet. E. S. Daniels and H. P. Schuck. 1,477,813; Dec. 18.
Flooring jack. E. L. Hall. 1,447,720; Mar. 6.
Flooring, Parquet. W. A. Parsons. 1,454,250; May 8.
Floors, walls, and the like, Insert for. J. Hirshstein. 1,475,342; Nov. 27.
Floral decorations, Mounting for. F. V. Ross. 1,478,487; Dec. 25.
Floss ring. I. G. and W. S. Langley. 1,469,363; Oct. 2.
Flotation apparatus. J. P. Ruth, jr. 1,445,042; Feb. 13.
Flotation apparatus. J. P. Ruth, jr. 1,463,405; July 31.
Flotation machine. T. A. Janney. 1,457,077; May 29.
Flotation machine. C. E. Rork and A. Sandberg. 1,454,656; May 8.
Flotation process. W. A. Whitaker. 1,457,680; June 5.
Flotation process and composition. C. M. Nokes. 1,444,552; Feb. 6.
Flour and grits made from cereals, Sterilizing. K. Dienst. 1,452,871; Apr. 24.
Flour and making the same, Sesame. Yu Chen Lai. 1,470,929; Oct. 16.
Flour-packing machines, Automatic controlling mechanism for. H. O. Harding. 1,454,278; May 8.
Flour-sifting utensil. M. W. H. Crosskill. 1,476,693; Dec. 11.
Flour to bleach same and open starch cells, Machine and process for remilling finished. W. G. Andrews. 1,462,730; July 24.
Flow meter. J. A. Obermaier. 1,449,437; Mar. 27.
Flow meter. R. W. Schroeder. 1,450,611; Apr. 3.
Flower-bowl stand. W. R. Stuck. Des. 63,046; Sept. 18.
Flower box and fernery, Knockdown. O. C. George. 1,475,573; Nov. 27.
Flower-display holder. R. Zrebiec. 1,474,753; Nov. 20.
Flower holder. K. R. Brossman. Des. 62,471; June 12.
Flower holder. J. H. Gmelin. 1,465,636; Aug. 21.
Flower holder. E. M. Lennox. 1,443,420; Jan. 30.
Flower holder. W. F. Schmeiske. 1,469,823; Oct. 9.
Flower holder. W. R. Stuck. 1,462,947; July 24.
Flower holder. W. R. Stuck. 1,476,553; Dec. 4.
Flower or lamp stand. J. T. Phillips. Des. 63,582; Dec. 18.
Flowerpot. W. H. Cochran. Des. 62,770; July 31.
Flowerpot handle. R. H. Comstock. 1,472,461; Oct. 30.
Flowerpot saucer. E. J. Maloney. 1,447,801; Mar. 6.
Flowerpot, Self-watering. W. W. Hudson. 1,450,633; Apr. 3.
Flowerpots, bouquets, and the like, Decorative covering for. F. T. Hughes. 1,446,563; Feb. 27.
Flower stand. A. Niemczewski. 1,451,515; Apr. 10.
Flower stand. H. V. Bigham. Des. 63,168–9; Oct. 30.
Flower stand. J. M. Slinger. Des. 63,113; Oct. 2.
Flowers, Making artificial. M. B. Greene. 1,470,969; Oct. 16.
Flowing device. E. A. Kelly. 1,441,428; Jan. 9.
Flue blower. R. E. Jackson and E. M. Jenkins. 1,443,878; Jan. 30.
Flue blowing and testing device. C. A. Kothe. 1,466,450; Aug. 28.
Fluid-circulating system. L. Larsen. 1,477,270; Dec. 11.
Flue cleaner. T. J. Lavere. 1,441,098; Jan. 2.
Flue-cleaning apparatus. D. N. Tilley. 1,476,854; Dec. 11.
Flue cutter. G. R. Maupin. 1,443,799; Jan. 30.
Flue stopper. A. A. Miller. 1,465,228; Aug. 14.
Flue structure. F. W. Grapperhaus. 1,468,016; Sept. 18.
Flue tool. V. T. Riblett. 1,471,062; Oct. 16.
Flue top. L. H. Bowman. 1,463,664; July 31.
Flue, Ventilating. C. H. Dahmen. 1,474,072; Nov. 13.
Fluid-actuated tie tamper. F. A. Jimerson. 1,470,622; Oct. 16.
Fluid brake. L. J. Root. 1,471,921; Oct. 23.
Fluid-circulating apparatus, Controlling means for. G. P. Carroll. 1,445,752; Feb. 20.
Fluid-circulating system, Grinding. G. Brown. 1,455,187; May 15.
Fluid clutch mechanism. W. Brother. 1,451,139; Apr. 10.
Fluid-compressing apparatus. R. Suczek. 1,460,345; June 26.
Fluid compressor. G. A. Christensen. 1,449,315; Mar. 20.
Fluid-conduit coupling device. A. E. Falor. 1,461,385; July 10.
Fluid control, Automatic. J. Brombacher. 1,461,262; July 10.
Fluid control, Automatic. W. H. Milton and F. Schermer. 1,463,129; July 24.
Fluid-controlling device, Elastic-. A. L. Browne. 1,450,245; Apr. 3.
Fluid coupling. J. P. Henry. 1,443,625; Jan. 30.
Fluid dispensers, Register for. S. B. Chilson. 1,475,368; Nov. 27.
Fluid-displacing apparatus. B. Skidmore, jr. 1,441,036; Jan. 2.
Fluid-distributing manifold. A. D. Gaston. 1,459,150; June 19.
Fluid ejector. C. T. Samuelson. 1,442,298; Jan. 16.
Fluid-flow-controlled safety apparatus. C. L. Stokoe. 1,452,899; Apr. 24.
Fluid-fuel burner. J. A. Bishop. 1,460,473; July 3.
Fluid-fuel burner. J. Bliss. 1,462,680; July 24.
Fluid-fuel burners, Mixing chamber for. G. A. De Guire. 1,460,369; July 3.
Fluid gauge. N. L. Lieberman. 1,446,439; Feb. 20.
Fluid gauge. W. G. Werbeck. 1,460,873; July 3.
Fluid meter. C. J. Bassler. 1,458,383; June 12.
Fluid meter. R. S. Blair. 1,463,865; Aug. 7.
Fluid meter. R. S. Blair. 1,467,565; Sept. 11.
Fluid meter. E. B. Cade. 1,470,684; Oct. 16.
Fluid meter. B. Greenfield. 1,462,170; July 17.
Fluid meter. R. J. Lyman. 1,465,447; Aug. 21.
Fluid meter. E. X. Schmidt. 1,447,437; Mar. 6.
Fluid meter. L. E. Van Hise. 1,454,301; May 8.
Fluid meters, Integrating and registering device for. J. R. Armstrong and T. B. Wylie. 1,476,576; Dec. 4.
Fluid, Method of and apparatus for compressing. R. Suczek. 1,460,044–5; June 26.
Fluid motor. E. G. Gartin. 1,440,730–1; Jan. 2.
Fluid motor. W. Knapp. 1,461,620; July 10.
Fluid-motor system. D. Bonetto. 1,471,095; Oct. 16.
Fluid-operated brake. E. Benjamin. 1,448,908; Mar. 20.
Fluid-operated cylinders, Control means for. A. M. Gow. 1,448,531; Mar. 13.
Fluid-operated drill. C. A. Hultquist. 1,452,689; Apr. 24.
Fluid-pressure-actuated tool. E. H. Shaff. 1,465,770; Aug. 21.
Fluid-pressure brake. C. C. Farmer. 1,451,440; Apr. 10.
Fluid-pressure brake. C. C. Farmer. 1,465,781; Aug. 21.
Fluid-pressure brake. G. S. Lane. 1,454,547; May 8.
Fluid-pressure brake. T. H. Thomas. 1,463,026; July 24.
Fluid-pressure brake device. T. H. Thomas. 1,440,422; Jan. 2.
Fluid-pressure brake equipment. T. H. Thomas. 1,471,073; Oct. 16.
Fluid-pressure brake mechanism. E. G. Shortt. 1,467,694; Sept. 11.
Fluid-pressure-control apparatus. S. H. Lewis. 1,468,481; Sept. 18.
Fluid-pressure control, Auxiliary. C. Stickle. 1,475,971; Dec. 4.
Fluid-pressure-controlled mechanism. A. O. Higinbotham. 1,449,819; Mar. 27.
Fluid-pressure controller. E. N. Dollin. 1,447,285; Mar. 6.
Fluid-pressure-controlling device, Automatic. A. C. Beckwith. 1,467,417; Sept. 11.
Fluid-pressure device. A. N. Bessesen. 1,471,091; Oct. 16.
Fluid-pressure device. A. N. Bessesen. 1,476,946; Dec. 11.
Fluid-pressure-control mechanism. E. N. Dollin. 1,469,074; Sept. 25.
Fluid-pressure device. H. B. Graham. 1,465,471; Aug. 21.
Fluid-pressure gauge. E. Letsch. 1,476,896; Dec. 11.
Fluid-pressure mechanism, Governor for. R., R. W., and F. N. Hudson. 1,466,399; Aug. 28.
Fluid-pressure motor. E. G. Gartin. 1,471,691; Oct. 23.
Fluid-pressure producing apparatus, Rotary. A. J. Worthen. 1,463,110; July 24.
Fluid-pressure regulator. G. Fox. 1,467,721; Sept. 11.
Fluid-pressure regulator. A. L. Harvey. 1,448,401; Mar. 13.
Fluid-pressure regulator. J. W. Lorimer. 1,472,985; Nov. 6.
Fluid-pressure regulator. J. M. Wilkins. 1,460,301; June 26.
Fluid-pressure system. W. E. Irish. 1,450,372; Apr. 3.
Fluid pressure to hydraulic couplings, Device for distributing. F. Mayer. 1,475,020; Nov. 20.
Fluid-registering mechanism. C. F. MacGill. 1,453,716; May 1.
Fluid-registering mechanism. C. F. MacGill. 1,463,534; July 31.
Fluid regulator. F. W. Hunter. 1,449,998; Mar. 27.
Fluid-removing device. F. Van Inwagen. 1,477,733; Dec. 18.
Fluid-separating mediums and fluid-separating medium produced thereby, Producing. T. M. Chance. 1,462,881; July 24.
Fluid separator. C. P. Wood. 1,463,769; July 31.
Fluid spreader or marking device. R. E. Ollerenshaw. 1,464,214; Aug. 7.
Fluid substances, Device for spraying hot. M. H. Neri. 1,457,634; June 5.
Fluid-testing device. A. D. Eberly. 1,441,564; Jan. 9.
Fluid-tight apparatus. G. Fussner. 1,458,620; June 12.

Fluid-tight container and closure therefor. E. Wetzel. 1,453,299; May 1.
Fluid-translating device. H. F. Schmidt. 1,457,799; June 5.
Fluid-translating device. H. F. Schmidt. 1,467,014; Sept. 4.
Fluid-translating device. H. F. Schmidt. 1,476,108; Dec. 4.
Fluid transmission. E. D. Hilbish. 1,445,512; Feb. 13.
Fluid under pressure, Conduit member for conducting. C. A. Clafiin. 1,466,119; Aug. 28.
Fluids, Apparatus for controlling the maximum flow of. C. S. Collins and L. Roessel. 1,477,244; Dec. 11.
Fluids, Condensing. C. E. Rogers. 1,461,164; July 10.
Fluids, Electric heater for. C. T. Penton. 1,456,907; May 29.
Fluids, Means for controlling elastic. A. C. Ionides, jr. 1,445,691; Feb. 20.
Fluids, Means for determining certain qualities of. H. Spurrier. 1,449,153; Mar. 20.
Fluids, Means for pumping. A. G. L. and H. C. W. Neighbour. 1,449,537; Mar. 27.
Fluids, Method of and apparatus for compressing elastic. R. N. Ehrhart. 1,449,504; Mar. 27.
Fluids, Method and apparatus for proportionally regulating the flow of. C. S. Collins and L. Roessel. 1,452,265; Apr. 17.
Fluids, Method of and apparatus for treating. H. E. Collver. 1,466,579; Aug. 28.
Fluids, Method of and means for treating lactic. J. M. W. Kitchen. 1,447,252; Mar. 6.
Fluids, Piping for pressure. P. Marinoni. 1,478,129; Dec. 18.
Fluids, Radiator for cooling. S. W. Rushmore. 1,455,736; May 15.
Fluids, Radiator for cooling. S. W. Rushmore. 1,455,738–9; May 15.
Fluids, Separator for gaseous. O. P. Luetscher. 1,444,512; Feb. 6.
Fluids, Separator for gaseous. O. P. Luetscher. 1,452,204; Apr. 17.
Fluids, Utensil for dispensing heavy. H. F. H. Ried. 1,474,848; Nov. 20.
Flume, Metallic. W. L. Caldwell. 1,468,493–6; Sept. 18.
Flush tank. R. F. Davisson. 1,443,215; Jan. 23.
Flush tank. D. J. Herty. 1,475,582; Nov. 27.
Flush tank. D. McNeill. 1,475,841; Nov. 27.
Flush tank. O. C. Papin. 1,416,673; July 10.
Flushing apparatus. R. A. Brooks. 1,469,891; Oct. 9.
Flushing apparatus. L. H. Handy. 1,440,827; Jan. 2.
Flushing apparatus, Automatic. A. W. Robinson. 1,461,163; July 10.
Flushing mat, Automatically-. A. P. Ritter. 1,467,814; Sept. 11.
Flushing mechanism. C. H. Phillips. 1,449,439; Mar. 27.
Flushing mechanism. F. C. Rood. 1,467,454; Sept. 11.
Flushing system. A. Hobeck and J. Laughlin. 1,465,823; Aug. 21.
Flushometer. S. A. Berg. 1,465,575; Aug. 21.
Flute or similar musical wind instrument. W. Bartholomae. 1,447,919; Mar. 6.
Flutes, Machine for forming spiral. T. M. Rees. 1,466,754; Sept. 4.
Flutes, Manufacturing. F. Hofinger. 1,455,440; May 15.
Flux or solvent for use in technical process. A. A. Kelly. 1,455,791; May 22.
Flycatcher. A. S. Hawkes. 1,464,133; Aug. 7.
Flycatcher. L. C. McDermott. 1,462,416; July 17.
Flycatcher. J. Poleski and J. Tuvcak. Des. 61,862; Jan. 30.
Flycatcher. J. R. Salinas. 1,477,081; Dec. 11.
Fly-catching apparatus. H. C. Shockey and T. Fennell. 1,462,873; July 24.
Fly-paper holder. S. McCardia. 1,451,583; Apr. 10.
Fly-paper holder. O. J. Swanson. 1,461,689; July 10.
Fly container, Artificial-. A. S. and S. R. Driver. 1,451,295; Apr. 10.
Fly cutter, Expanding. J. P. Mills. 1,460,427; July 3.
Fly-eliminating screen. J. E. Jones. 1,450,374; Apr. 3.
Fly-exit screen. J. Marsden. 1,441,104; Jan. 2.
Flytrap. R. A. Bakke. 1,473,538; Nov. 6.
Flytrap. C. V. Banes. 1,442,992; Jan. 23.
Flytrap. F. B. Carey. 1,462,004; July 17.
Flytrap. H. A. Faes. 1,455,782; May 22.
Flytrap. J. W. Hasselgren. 1,444,502; Feb. 6.
Flytrap. J. W. Hildreth. 1,450,855; Apr. 3.
Flytrap. J. A. Mack. 1,461,925; July 17.
Flytrap. J. M. Paul. 1,463,659; July 31.
Flytrap. J. Potts. 1,455,808; May 22.
Flytrap. J. W. Skelton. 1,446,940; Feb. 27.
Flytrap. S. H. Snuffer and J. A. Shanks. 1,441,306; Jan. 9.
Flytrap. H. van Hees. 1,475,095; Nov. 20.
Flytrap. J. Weber. 1,475,357; Nov. 27.
Flytrap. J. F. Webster. 1,456,413; May 22.
Flytrap. A. C. Wilson. 1,442,918; Jan. 23.
Flytrap. K. Yokosawa and K. Miyazaki. 1,471,086; Oct. 16.
Flytrap, Ornamental. S. Varga. 1,448,098; Mar. 13.
Flywheel and suction fan, Combined. R. W. Barton. 1,450,936; Apr. 10.
Fly exterminator. A. S. Liss. 1,477,273; Dec. 11.
Fly hook. P. F. Halferty. 1,471,959; Oct. 23.
Fly hook and leader. P. F. Halferty. 1,451,656; Apr. 10.
Fly screen. G. W. Mosher. 1,445,155; Feb. 13.
Fly shooter. B. Kennedy and L. Saiger. 1,457,674; June 5.
Fly swatter. A. K. Ancker and R. F. Morton. 1,456,753; May 29.
Fly-swatting device. G. W. Blake. 1,468,373; Sept. 18.
Fly swatter. L. B. McDaniel. 1,454,062; May 8.
Fly swatter. C. W. Woodworth. 1,440,809; Jan. 2.
Fly swatter. C. D. Younger. 1,444,720; Feb. 6.
Flying machine. M. Beck. 1,443,519; Jan. 30.
Flying machine. C. F. Bush. 1,468,257; Sept. 18.
Flying machine. W. L. Buswell. 1,445,128; Feb. 13.
Flying machine. F. Caproni. Re15,688; Sept. 25.
Flying machine. P. Fedoryszak. 1,464,356; Aug. 7.
Flying machine. T. M. Finley. 1,477,338; Dec. 11.
Flying machine. F. Hoffner. 1,446,797; Feb. 27.
Flying machine. J. A. Lehnert. 1,476,162; Dec. 4.
Flying machine. O. Piering. 1,444,138; Feb. 6.
Flying machine. J. Preatka. 1,478,397; Dec. 25.
Flying-machine carriage. C. Dornier. 1,448,834; Mar. 20.
Flying machine, Lever-controlled paddle-action. A. B. Roney. 1,450,454; Apr. 3.
Flying machine, Manually-propelled. J. Ardo. 1,451,385; Apr. 10.
Flying-machine propeller. W. H. Kelly. 1,461,913; July 17.
Flying-machine propeller. J. M. Raymond. 1,453,951; May 1.
Flying-machine propulsion. C. Dornier. 1,443,567; Jan. 30.
Flying-machine safety device. J. C. Sherry. 1,457,044; May 29.
Flying-machine supporting surface. H. Junkers. 1,462,704; July 24.
Flying machines, Controlling mechanism for. R. E. Mitton. 1,464,852; Aug. 14.
Flying machines, Device for determining the course on. G. Caproni. 1,462,100; July 17.
Flying machines, Propulsion means for. A. E. Beebe. 1,464,233; Aug. 7.
Flying machines, Safety device for. S. D. Jacobson. 1,461,216; July 10.
Flying machines, Screw propeller of helicopter. R. P. Pescara. 1,449,129; Mar. 20.
Flying machines, Wing for. V. Lougheed. 1,470,017; Oct. 9.
Foam-destroying device. F. Hayduck. 1,449,114; Mar. 20.
Fob ornament, locket, or similar article. M. B. Gardner. Des. 63,362; Nov. 27.
Focusing device. E. H. Wehnes. 1,444,289; Feb. 6.
Focusing mechanism. R. W. Johnston. 1,453,843; May 1.
Fodder from straw and similar materials, Preparing a. E. Beckmann. 1,442,322; Jan. 16.
Fodder from straw—e. g., of corn or legumes, Preparing. E. Beckmann. 1,472,322; Oct. 30.
Fodder from straw, etc., Preparing a. E. Beckmann. 1,442,321; Jan. 16.
Fodder from straw or other materials characterized by their contents of raw fibers, Preparing a. E. Beckmann. 1,472,319–21; Oct. 30.
Foil tube, Collapsible. I. Messinger. 1,442,440; Jan. 16.
Foldable case. W. E. Tucker. 1,471,428; Oct. 23.
Folder and fastener therefor. L. W. Karlen. 1,464,766; Aug. 14.
Folder-bar-controlling device. S. C. Cluett. 1,446,156; Feb. 20.
Folder bars, Hinged connection for. S. L. Cluett. 1,443,345; Jan. 30.
Folder pocket. P. H. Conneighton. 1,475,542; Nov. 27.
Folding and pressing machines, Thermostatic temperature controller for. H. D. Clayton, O. E. Cook, and S. L. Cluett. 1,446,155; Feb. 20.
Folding box. W. D. Bryson. 1,470,141; Oct. 9.
Folding box. W. Gibson and S. Gazzolo. 1,446,250; Feb. 20.
Folding box. P. Harder. 1,467,724; Sept. 11.
Folding box. J. R. Myers. 1,462,297; July 17.
Folding box. E. E. Pinkerton. 1,448,864; Mar. 20.
Folding box. G. Sardou. 1,466,344; Aug. 28.
Folding box. E. L. Stern. 1,463,448; July 31.
Folding box, Collapsible. S. F. Sutherland. 1,443,054–6; Jan. 23.
Folding brace. O. A. Norlund. 1,453,989; May 1.
Folding case. J. W. O. Orban. 1,464,391; Aug. 7.
Folding chair. B. M. Beskow. 1,468,872; Sept. 25.
Folding chair. C. L. Craig. 1,443,734; Jan. 30.
Folding machine. L. J. Bazzoni. 1,472,041; Oct. 30.
Folding machine. A. W. Brice and W. Hamann. 1,466,697; Sept. 4.
Folding machine. S. L. Cluett. 1,446,157; Feb. 20.
Folding machine. W. Downing. 1,463,879; Aug. 7.
Folding machine. M. O. Rehfuss. 1,460,273; June 26.
Folding machines or the like, Timing mechanism for. L. M. Kohn. 1,474,781; Nov. 20.
Folding machines, Stopping device for. O. C. Goulet. 1,472,751; Oct. 30.
Folding machines. Switch attachment for. L. A. Gutridge and F. M. Mosier. 1,460,544; July 3.

Folding mechanism. H. M. Barber. 1,473,202; Nov. 6.
Folding mechanism. L. A. Schmidt. 1,471,755; Oct. 23.
Folding mechanism, Sheet control for. F. Herb. 1,474,364; Nov. 20.
Folding seat. A. Truffy. 1,460,291; June 26.
Folding seat, Portable. R. E. Cattier. 1,452,869; Apr. 24.
Folding table. E. V. Anderson. 1,472,575; Oct. 30.
Folding table. J. W. Bereman. 1,455,066; May 15.
Folding table. F. W. Bockstege. Des. 62,935; Aug. 28.
Folding table. S. M. Coggins. 1,457,618; June 5.
Folding table. L. Ferguson. 1,478,004; Dec. 18.
Folding table. J. Higham. 1,454,386; May 8.
Folding table. R. L. Leatherman and A. M. Yockey. 1,475,401; Nov. 27.
Folding table. E. E. McGrew. 1,446,917; Feb. 27.
Folding table. G. A. C. Monroe. 1,464,440; Aug. 7.
Folding table. A. G. Smith. 1,460,216; June 26.
Folding table, Automatic self-locking. J. F. Janisch. 1,453,504; May 1.
Follower and ironing board, Combined. H. W. Rountree. 1,456,832; May 29.
Follower ring. S. W. Manning. 1,455,643; May 15.
Food, Apparatus for desiccating. A. L. Andrea. 1,452,586; Apr. 24.
Food bin. L. L. Hall. 1,444,245; Feb. 6.
Food composition. L. J. Henderson. 1,443,180; Jan. 23.
Food, Composition of ingredients for artificial. H. J. Gerstenberger. 1,445,434; Feb. 13.
Food compound and producing the same. H. E. Collver and C. R. Mabee. 1,453,752; May 1.
Food cutter. C. Trutta. 1,471,313; Oct. 16.
Food-display cover. M. Metzger. 1,470,859; Oct. 16.
Food dispenser. R. O. Fraser. 1,474,773; Nov. 20.
Food-dispensing machine. C. J. Yann. 1,468,424; Sept. 18.
Food from horns, hairs, skins, etc., Preparation of human. P. Hildebrandt. 1,442,341; Jan. 16.
Food grater. T. Lengyel. 1,468,311; Sept. 18.
Food-grinding machine. D. M. Rieman. 1,456,651; May 29.
Food machine. W. E. Brobst, jr. 1,458,872; June 12.
Food machine. J. and H. Trust. 1,467,770; Sept. 11.
Food machine. J. and H. Trust. 1,467,820; Sept. 11.
Food-material heater. R. R. Tybout. 1,448,608; Mar. 13.
Food molding and wrapping machine, Automatic. W. Stricker. 1,463,636; July 31.
Food of especial digestibility, Composition for producing a lactic. K. J. Monrad. 1,474,542; Nov. 20.
Food or other substances of a similar nature, Means for grinding or pulverizing. R. Head. 1,451,424; Apr. 10.
Food-preparing utensil. P. Mendez. 1,451,342; Apr. 10.
Food product and making same. T. Braff. 1,462,163; July 17.
Food product and making the same. G. Richards. 1,476,182; Dec. 4.
Food product and manufacturing. W. J. Bruce. 1,443,458; Jan. 30.
Food product and manufacture thereof. W. Horlick, jr. 1,446,120; Feb. 20.
Food product and preparing same. C. W. Hess. 1,463,954; Aug. 7.
Food product and production. A. W. and E. H. Wright. 1,451,135; Apr. 10.
Food product from skim milk, Making a. L. A. Rogers. 1,477,153; Dec. 11.
Food product, Making a. W. Green. 1,473,289; Nov. 6.
Food product, Packaged. F. D. Broun and W. R. McAlevey. 1,446,782; Feb. 27.
Food products, Apparatus for producing flaked and other. N. Mininberg. 1,455,923; May 22.
Food products, Apparatus for separating fibrous and non-fibrous materials in. G. G. Schorer. 1,474,566; Nov. 20.
Food products, Mechanism for preparing. W. H. Hurt. 1,446,091; Feb. 20.
Food products, Process and apparatus for classifying. C. E. Davis. 1,458,130; June 12.
Food products, System for selling and packing. W. Green. 1,454,888; May 15.
Food-slicing machine. G. A. Berglund. 1,478,200; Dec. 18.
Foodstuffs, Book container for packaged. J. Horan. 1,453,677; May 1.
Food substances for vegetables, mushrooms, bacterias, yeast, molds, mucors, and the like, Preparation and use of. A. Vasseux. 1,472,344; Oct. 30.
Foot arch. G. V. M. Berthet. 1,470,592; Oct. 16.
Foot-arch support. N. V. Levitt. 1,464,994; Aug. 14.
Foot, Artificial. E. M. Tracy. 1,459,564; June 19.
Foot comfort, Device for giving. W. M. Scholl. 1,469,607; Oct. 2.
Foot cleaner. E. McCormick. 1,465,736; Aug. 21.
Foot mat, Sanitary. A. P. Ritter. 1,443,503; Jan. 30.
Foot rest. I. E. Carlson. 1,476,592; Dec. 4.
Foot rest. A. H. Engmark. 1,462,597; July 24.
Foot rest. J. W. De Shields. Des. 62,604; July 3.
Foot rest. J. G. Hontos. 1,449,752. Mar. 27.
Foot rest. F. P. Litz. 1,458,426; June 12.
Foot rest. R. R. Ransom. 1,448,865; Mar. 20.
Foot rest. G. R. Thole. 1,474,950; Nov. 20.
Foot rest and chain kit. J. A. Skaggs. 1,467,884; Sept. 11.
Foot rests, Pad for shoe-shining. G. H. Rives. 1,441,454; Jan. 9.
Foot scraper. W. O. Harmon. 1,475,818; Nov. 27.
Foot supporter and heater. I. Panza. 1,443,036; Jan. 23.
Football pants. H. Goldsmith. 1,446,251; Feb. 20.
Footplate, Running-board. J. F. Brown. 1,464,970; Aug. 14.
Footwear, Last for making. F. Wegner. 1,469,289; Oct. 2.
Footwear, Manufacture of molded articles, more particularly heels and soles for. L. McFarlane. 1,477,576; Dec. 18.
Footwear, Protector for. C. F. Perkins. 1,458,497; June 12.
Footwear, Resilient tread for. F. A. Nolan. 1,452,089; Apr. 17.
Forage and grain grinders, Cutter for. J. Hochenauer. 1,469,510; Oct. 2.
Forage machines, Feeder for. W. F. Holcomb. 1,449,510; Mar. 27.
Forceps, Bone-cutting. W. L. Shearer. 1,471,422; Oct. 23.
Forceps, Gynecological. F. E. Godfrey. 1,448,739; Mar. 20.
Forceps, Hemostatic. J. F. Callahan. 1,460,531; July 3.
Forceps, Stitching. T. B. Richardson. 1,464,832; Aug. 14.
Forge. F. Christmann. 1,440,969; Jan. 2.
Forging. W. Hughes. 1,456,597; May 29.
Forging furnace. H. O. Breaker. 1,448,701; Mar. 13.
Forging machine. J. Ditson and M. S. Parkhill. 1,464,755; Aug. 14.
Forging machine. F. A. Halleck. 1,461,011; July 3.
Forging machine. F. A. Halleck. 1,461,655; July 10.
Forging machine. W. H. Wineman. 1,440,807; Jan. 2.
Forging-machine device. F. A. Halleck. 1,470,444; Oct. 9.
Forging mechanism. F. A. Halleck. 1,464,094; Aug. 7.
Forging pieces by electric-resistance heating, Device for heating. E. Schröder. 1,477,009; Dec. 11.
Forging press. D. R. Gill. 1,450,947; Apr. 10.
Forgings, Apparatus for making. M. W. Kellogg and E. F. Holinger. 1,445,140; Feb. 13.
Forgings, Means for securing trunnions to cradle. B. P. Joyce. 1,475,186; Nov. 27.
Fork: *See*—
Agricultural fork. Potato fork.
Brick-handling fork. Wheel fork.
Kitchen fork.
Fork. A. P. Adler. Des. 63,047; Sept. 25.
Fork. L. W. Busch. 1,456,913; May 29.
Fork. L. W. Busch. 1,470,142; Oct. 9.
Fork and shovel attachment. J. C. Krehbiel. 1,442,671; Jan. 16.
Fork or similar article. A. G. Kintz. Des. 62,572; June 26.
Fork or similar article. J. Leech. Des. 62,206; Apr. 10.
Form. W. E. Sackner. 1,477,388; Dec. 11.
Form clamp. G. B. Bosco. 1,454,502; May 8.
Form clamp. G. B. Bosco. 1,445,286; Feb. 13.
Form clamp. G. B. Bosco. 1,475,424; Nov. 27.
Form clamp, Adjustable. G. E. Greenwood. 1,456,849; May 29.
Form, Collapsible. G. E. Bronson. 1,470,612; Oct. 16.
Form support. W. E. White. 1,445,256–7; Feb. 13.
Form support. W. E. White. 1,474,660; Nov. 20.
Form-supporting device. W. E. White. 1,445,255; Feb. 13.
Form tie and spacer, Adjustable. J. C. Buchenau. 1,451,457; Apr. 10.
Formaldehyde condensation products of aliphatic amines and products obtained thereby. M. G. Shepard and H. S. Adams. 1,471,213; Oct. 16.
Formaldehyde condensation products of phenols, Manufacture of. J. G. Byrom. 1,472,353; Oct. 30.
Formaldehyde fumigator. W. Dreyfus. 1,469,214; Oct. 2.
Formaldehyde, Manufacture of. A. Heinemann. 1,460,244; June 26.
Formaldehyde solution and making same, Package for. L. M. White and J. A. Fish. 1,440,571; Jan. 2.
Formates into oxalates, Apparatus for converting. H. W. Paulus. 1,445,162; Feb. 13.
Formates into oxalates, Converting. H. W. Paulus. 1,445,163; Feb. 13.
Forming die. C. D. Briddell. 1,472,406; Oct. 30.
Forming machine. J. A. Henry and T. S. Walt. 1,455,489; May 15.
Foundation pedestal, or pier. J. M. FitzGerald. 1,456,499; May 29.
Foundry flask. D. C. Barrick. 1,459,137; June 19.
Foundry flask. H. C. Drumm. 1,459,197; June 19.
Foundry flask. G. E. Jackson. 1,447,786; Mar. 6.
Foundry flask. H. W. Jencks, J. R. Montgomery, and G. F. Sparks.) 1,447,666; Mar. 6.
Foundry plant. J. B. Ladd. 1,465,275–6; Aug. 21.
Foundry work, Manufacture of cores for. E. Kleinschmidt and C. Fohr. 1,477,064; Dec. 11.

Fountain: *See*—
Bubbling fountain.
Drinking fountain.
Electric fountain.
Holy-water fountain.
Poultry drinking fountain.
Poultry fountain.
Soda fountain.
Stock fountain.
Water fountain.
Watering fountain.
Fountain comb. F. M. Grieten. 1,449,096; Mar. 20.
Fountain, Garden. E. Ziniker. Des. 63,165; Oct. 30.
Fountain, Ornamental. F. W. A. Brockmiller. 1,454,150; May 8.
Fountains and the like, Bowl connection for drinking. W. E. Field. 1,464,927; Aug. 14.
Fourdrinier machine. P. K. Baird. 1,442,848; Jan. 23.
Four-horse evener. R. De Boer. 1,452,729; Apr. 24.
Fowl from escaping, Means for preventing. H. Dornseif. 1,460,748; July 3.
Fowl-identification device. W. C. Kisner. 1,441,433; Jan. 9.
Fowl powderer. F. Van Ackeren. 1,459,349; June 19.
Fractionation. H. F. Perkins. 1,444,208; Feb. 6.
Fracture apparatus. A. Delorme. 1442,711; Jan. 16.
Frame: *See*—
Abacus frame.
Adjustable frame.
Advertising frame.
Artist's frame.
Auto frame.
Auto window frame.
Automobile body frame.
Automobile clock frame.
Automobile frame.
Automobile top frame.
Automobile towing frame.
Bag frame.
Baking frame.
Bed frame.
Bedspring frame.
Blue-print frame.
Bucksaw frame.
Cap-spinning frame.
Card-display frame.
Clothes-wringer frame.
Combination frame.
Crab-net frame.
Curtain and quilting frame.
Curtain window frame.
Cycle frame.
Display frame.
Drying frame.
Embroidery frame.
Extensible picture frame.
Field frame.
Foldable automobile bed frame.
Index frame.
Interlocking frame.
Lamp-shade frame.
Locomotive frame.
Loom heddle frame.
Magnet frame.
Mattress frame.
Metal frame.
Ophthalmic frame.
Picture-card frame.
Photograph frame.
Plow frame.
Printing frame.
Quilting frame.
Rug-cleaning frame.
Sash frame.
Saw frame.
Self-locking frame.
Silo-door frame.
Spectacle frame.
Spinning frame.
Stamp frame.
Stove frame.
Tractor frame.
Trial frame.
Trousers-stretching frame.
Truck frame.
Truck side frame.
Tube frame.
Tubular frame.
Twisting frame.
Vehicle frame.
Vehicle towing frame.
Washing-machine frame.
Window frame.
Wire frame.
Yarn-tube frame.
Frame. T. J. Carroll. 1,465,839; Aug. 21.
Frame. W. J. Decker. 1,459,146; June 19.
Frame and making it. W. D. Gemmill. 1,467,787; Sept. 11.
Frame and interlocking joint, Metal. H. M. Gorsline. 1,473,817; Nov. 13.
Frame brace. M. E. Pearson and E. Tow. 1,450,513; Apr. 3.
Frame construction. E. H. Belden. 1,478,373; Dec. 25.
Frame making. F. A. Fuller. 1,456,845; May 29.
Frame metal shoulder. G. Frater. 1,472,795; Nov. 6.
Frame or easel for displaying cards, pictures, and like articles. W. E. Kehoe. Des. 63,080; Oct. 2.
Frame suspension, Single-point. E. E. Wickersham. 1,450,470; Apr. 3.
Frames, Corner clamp for. C. E. Kline. 1,443,578; Jan. 30.
Frames, Corner joint for. L. R. Centerbar. 1,461,440; July 10.
Frames, Curtain-supporting attachment for window. J. Kulczycki. 1,454,679; May 8.
Frames, Holder for canvas stretcher. O. Anderson. 1,456,861; May 29.
Frames, Method of and apparatus for uniting the parts of vehicle. H. G. Westmore. 1,459,456; June 19.
Frames, Stop-motion mechanism for fly. G. Pucci. 1,460,141; June 26.
Franking machine. J. Lerche. 1,472,723; Oct. 30.
Freezing can. A. J. Bentley. 1,465,335–6; Aug. 21.
Freezing machine of the absorption type. L. Mach. 1,467,053; Sept. 4.
Freight-handling system. B. F. Fitch. 1,466,296; Aug. 28.
Freight-transferring system. R. C. Sibley. 1,463,558; July 31.
Frequency changer. C. L. Fortescue. 1,464,503; Aug. 14.
Frequency-control system. D. K. Martin. 1,476,721; Dec. 11.
Frequency-regulator system. C. H. Kindl. 1,448,409; Mar. 13.
Friction adjuster. E. J. Sibley. 1,478,404; Dec. 25.
Friction brake. G. L. Smith. 1,440,842; Jan. 2.
Friction cutting machine. J. J. Mikshel. 1,440,616; Jan. 2.
Friction-drive-controlling mechanism. M. Axilrod. 1,471,717; Oct. 23.
Friction facings and making same. L. Kirschbraun. 1,466,907; Sept. 4.
Friction governing device. M. L. Norris. 1,457,745; June 5.
Friction-roller drive. H. Hort. 1,446,347; Feb. 20.
Friction shell and spring cage for draft gears. J. F. O'Connor. 1,469,101; Sept. 25.
Friction-top can. G. A. Leighton. 1,450,422; Apr. 3.
Friction wheel. W. L. Isbills. 1,457,524–5; June 5.
Frictional and wearing purposes, Material for. H. Frood. 1,463,506; July 31.
Fringe. F. W. Oehrle. Des. 62,581; June 26.
Fringe-cutting machine. J. W. Brundage. 1,448,723; Mar. 20.
Fringe, Ornamental. A. E. Neff. Des. 62,915; Aug. 21.
Frog or crossing structure. C. A. Psilander. 1,461,701; July 10.
Front drive. J. O. Schwartz. 1,459,639; June 19.
Frost, Apparatus for giving warning of and affording protection against. A. Calinaud. 1,446,783; Feb. 27.
Frozen dainties, Container for. F. E. Mayol. Des. 62,640; July 10.
Fruit and producing same, Artificial. J. H. Emery. Re15,641; July 3.
Fruit and the like, Apparatus for treating. A. Haworth. 1,470,732; Oct. 16.
Fruit and the like, Preserving. W. G. Allen. 1,467,746; Sept. 11.
Fruit and vegetable containers, Packing guide for. G. L. Comlossy. 1,477,542; Dec. 18.
Fruit and vegetable cutter and gatherer. J. J. O'Hearn. 1,448,570; Mar. 13.
Fruit and vegetable peeler. H. H. Libbing. 1,467,863; Sept. 11.
Fruit, Apparatus for the sizing and distribution of. E. M. Brogden. 1,457,143; May 29.
Fruit-box press. J. Chandler. 1,448,790; Mar. 20.
Fruit cans or the like, Locking device for. H. H. Ordung. 1,458,989; June 19.
Fruit carrier. C. P. and R. L. Stensgaard. 1,470,334; Oct. 9.
Fruit carrier. H. J. Thompson. 1,477,921; Dec. 18.
Fruit catcher and grader. J. F. Cook. 1,473,081; Nov. 6.
Fruit cleaner. J. A. Reuter. 1,464,775; Aug. 14.
Fruit cleaner. F. Stebler. 1,457,861; June 5.
Fruit clipper. L. M. Harvey. 1,472,392; Oct. 30.
Fruit-conveying machine. E. Peirce. 1,445,797; Feb. 20.
Fruit, Cooking vessel for glazing. W. J. O'Brien. 1,454,856; May 15.
Fruit crusher. B. Becke. 1,449,933; Mar. 27.
Fruit crusher. P. C. De Luca and M. L. Insogna. 1,462,801; July 24.
Fruit cutting and pitting mechanism. J. Turner. 1,464,836; Aug. 14.
Fruit-cutting device. J. I. Mandley. 1,444,976; Feb. 13.
Fruit-disintegrating machine. L. A. Babcock. 1,458.315; June 12.
Fruit drier. J. B. Raby, jr. 1,474,687; Nov. 20.
Fruit, Drying. T. Strawn. 1,447,493; Mar. 6.
Fruit-drying apparatus. T. Strawn. 1,447,494; Mar. 6.
Fruit-drying apparatus. S. Williams. 1,449,714; Mar. 27.
Fruit elevator. W. P. Thomas. 1,457,562; June 5.
Fruit elevator. A. Z. Wells and J. M. Wade. 1,461,638; July 10.
Fruit, etc., Means for shipping. F. A. Higerd and G. Becker. 1,451,070; Apr. 10.
Fruit for canning, Apparatus for preparing. A. L. Duncan. 1,471,838; Oct. 23.
Fruit gatherer. M. Blum. 1,447,957; Mar. 13.
Fruit gatherer. J. A. Johnston. 1,445,596; Feb. 13.
Fruit-gathering machine. P. H. Lint. 1,476,207; Dec. 4.
Fruit grader. L. H. Balwick. 1,448,990; Mar. 20.
Fruit-grading machine. F. B. Purchas. 1,460,270; June 26.
Fruit-handling apparatus. F. Stebler. 1,476,113; Dec. 4.
Fruit-jar-cover fastener and remover. C. G. Overbaugh and F. Kell. 1,475,716; Nov. 27.
Fruit-jar holder. J. S. Buckwalter. 1,456,671; May 29.
Fruit-jar wrench. C. R. Mittan. 1,469,427; Oct. 2.
Fruit-juice extractor. O. Brophy. 1,454,918; May 15.
Fruit-juice extractor, Casing for. C. B. Blessing. Des. 63,066; Oct. 2.
Fruit-juice machine. J. E. Hennessy and C. F. Blattner. 1,478,224; Dec. 18.
Fruit juices, Treating. W. T. McGeorge. 1,458,427; June 12.
Fruit, Machine for removing the cores and stones from. F. Robbins. 1,454,411; May 8.
Fruit-marking machine. F. Ahlburg. 1,471,440; Oct. 23.
Fruit-marking method. R. D. McDill. 1,441,234; Jan 9.
Fruit, Means for peeling. A. L. Duncan. 1,473,021; Nov. 6.
Fruit, Means for peeling citrus. R. Polk. 1,452,930; Apr. 24.
Fruit, Method of and apparatus for automatically cleaning, scalding, and peeling. A. I. Du Pont and H. R. Harding. 1,457,218; May 29.
Fruit peeler. T. De Port. 1,472,462; Oct. 30.
Fruit, Peeling. H. T. Pyle. 1,444,386; Feb. 6.
Fruit-peeling machine. M. O. Johnson. 1,450,295; Apr. 3.
Fruit picker. T. F. Henninger. 1,462,008; July 17.

Fruit picker. R. A. Howe and J. F. Irish. 1,460,755; July 3.
Fruit picker. S. Van Duyne. 1,452,175; Apr. 17.
Fruit picker. A. Weaver. 1,463,859; Aug. 7.
Fruit-picker's bag. W. T. Minor. 1,459,599; June 19.
Fruit-picking device. D. E. Richardson. 1,442,827; Jan. 23.
Fruit-picking receptacle. D. C. Whitenack. 1,458,162; June 12.
Fruit pitter. W. M. Cruzan. 1,451,254; Apr. 10.
Fruit-pitting machine. Z. T. Fowler. 1,443,621; Jan. 30.
Fruit-pitting machine. S. Nakashima. 1,452,889; Apr. 24.
Fruit-pitting machine. G. R. Paranteau. Re15,579; Apr. 17.
Fruit-pitting machine. W. C. Whitman and G. E. Goodridge. 1,458,163; June 12.
Fruit-pitting machines, Feed device for. A. R. Thompson. 1,448,472; Mar. 13.
Fruit press. G. B. Pickop. 1,465,558; Aug. 21.
Fruit press. J. Simpson and R. P. McClure. 1,469,144; Sept. 25.
Fruit-press crate and cleat-positioning machine. G. C. and W. B. Boller. 1,452,866; Apr. 24.
Fruit protector. H. Jung. 1,471,167; Oct. 16.
Fruit seeder. J. C. Baumer. 1,466,080; Aug. 28.
Fruit seeder and peeler. J. Kugel and P. R. Strauss. 1,442,577; Jan. 16.
Fruit seeders, Making needles for. J. C. Baumer. 1,466,081; Aug. 28.
Fruit-sizing apparatus. F. Stebler and R. E. Davis. 1,461,702; July 10.
Fruit-sizing machine. H. B. Hatch. 1,448,689; Mar. 13.
Fruit snip. M. A. Starkey. 1,474,799; Nov. 20.
Fruit squeezer and ice shaver and mold, Combined. R. A. Boyd. 1,446,114; Feb. 20.
Fruit to be dried, Treating. A. Greco. 1,472,974; Nov. 6.
Fruit tool. W. S. Perry. 1,477,662; Dec. 18.
Fruit, vegetables, and other materials, Apparatus for dehydrating. J. E. Kennedy. 1,443,367; Jan. 30.
Fruit-washing machine. L. N. Miller. 1,456,456; May 22.
Fruits and vegetables, Apparatus for peeling. W. D. Bost, H. M. Miller, and G. W. Garwood. 1,468,873; Sept. 25.
Fruits and vegetables for shipment, Preparing. T. J. Peters. 1,450,866; Apr. 3.
Fruits and vegetables of all kinds, especially potatoes, Machine for cutting up. H. Barbey. 1,457,137; May 29.
Fruits and vegetables, Peeling. C. S. Ash. 1,453,781; May 1.
Fruits, Coloring citrous. F. E. Denny. 1,475,938; Dec. 4.
Frying machine. C. T. Schroyer. 1,467,396; Sept. 11.
Frying pan. B. Hill. 1,469,318; Oct. 2.
Frying pan. H. C. Hughes. 1,460,380; July 3.
Frying pan. C. Patrick. 1,447,813; Mar. 6.
Frying-pan-cover holder. F. Ingersoll. 1,451,545; Apr. 10.
Fuel. L. R. Garlock. 1,444,341; Feb. 6.
Fuel and apparatus therefor, Treating and feeding. P. A. Hirsch. 1,453,977; May 1.
Fuel and burning same. R. A. Lipscomb. 1,447,392; Mar. 6.
Fuel and gas, Burning of pulverized. V. Z. Caracristi. 1,441,721; Jan. 9.
Fuel and making same. C. I. Gillstrap. 1,443,359; Jan. 30.
Fuel and making the same, Artificial. C. F. Staudenmayer. 1,477,671; Dec. 18.
Fuel and producing same. L. W. Bates. 1,447,008; Feb. 27.
Fuel, Apparatus for burning pulverized. C. P. Crawford. 1,448,390; Mar. 13.
Fuel, Apparatus for producing gaseous. M. Sklovsky. 1,450,338; Apr. 3.
Fuel briquette. G. F. Sheehan and H. A. Gillen. 1,446,322; Feb. 20.
Fuel burner. C. A. French. 1,474,898; Nov. 20.
Fuel burner. E. Hoxie. 1,446,746; Feb. 27.
Fuel burner. A. M. P. R. Piédallu. 1,475,553; Nov. 27.
Fuel burner and in the process of burning gas and liquid fuel, Gas and liquid-. C. F. Currey and K. E. Lyman. 1,465,511; Aug. 21.
Fuel-burner attachment. C. Minzner. 1,440,483; Jan. 2.
Fuel burner, Fluid-. P. B. Norris. 1,446,514; Feb. 27.
Fuel. Burner for solid. C. Tommasi, J. Sandholm, H. Dannel, and A. Busch. 1,456,475; May 22.
Fuel burner, Gaseous-. B. R. and J. A. Kloeb. 1,461,394; July 10.
Fuel burner, Hydrocarbon-. W. C. Coleman. 1,465,422; Aug. 21.
Fuel-burner-igniting device. S. L. Mershon. 1,475,644; Nov. 27.
Fuel burner, Mechanical pressure atomizing. W. R. Purnell. 1,461,545; July 10.
Fuel burner, Powdered-. H. Bleibtreu. 1,454,664; May 8.
Fuel burner, Vaporizing. C. A. French. 1,466,709; Sept. 4.
Fuel burners, Air heater for. H. S. Farquhar. 1,473,422; Nov. 6.
Fuel burners, Automatic wick adjustment for liquid. L. S. Chadwick. 1,471,541; Oct. 23.
Fuel-burning furnace. F. F. Espenschied. 1,465,426; Aug. 21.
Fuel, Burning pulverized. H. Kreisinger. 1,463,283; July 31.
Fuel, Burning pulverized. J. E. Muhlfeld and V. Z. Caracristi. 1,460,916; July 3.
Fuel, Carbonaceous. W. E. Trent. 1,461,167; July 10.
Fuel chute. J. L. Falk. 1,460,713; July 3.
Fuel cleaner. R. F. Ensign. 1,477,947; Dec. 18.
Fuel cleaner. R. E. Strobel. 1,461,687; July 10.
Fuel commingler and burner. H. J. Meyer and C. B. Watson. 1,476,994; Dec. 11.
Fuel, Complete gasification of solid. C. W. Andrews. 1,474,012; Nov. 13.
Fuel composition and making same, Gaseous. C. F. Crommett. 1,444,665; Feb. 6.
Fuel-control device. G. A. Houghtaling. 1,473,293; Nov. 6.
Fuel-controlling means. H. E. Holbrook. 1,446,386; Feb. 20.
Fuel-delivery apparatus. H. C. Suekert. 1,443,102; Jan. 23.
Fuel economizer. W. G. Griffin. 1,456,057; May 22.
Fuel economizer. W. G. Griffin. 1,456,691; May 29.
Fuel economizer. V. E. Morrison. 1,463,481; July 31.
Fuel economizer. P. S. L. West. 1,460,297; June 26.
Fuel-elevating device. H. B. Grant. 1,473,761; Nov. 13.
Fuel-feed-control system. S. G. Barnard. 1,447,459; Mar. 6.
Fuel-feed system. F. E. Edwards. 1,440,382; Jan. 2.
Fuel-feed system. E. R. Huntley. 1,458,485; June 12.
Fuel-feed system. C. T. Stewart. 1,465,189; Aug. 14.
Fuel feeder. R. C. Newhouse. 1,450,903; Apr. 3.
Fuel feeding and distributing apparatus, Pulverized-. C. F. Herington. 1,468,966; Sept. 25.
Fuel-feeding apparatus. J. E. Muhlfeld and V. Z. Caracristi. 1,454,979; May 15.
Fuel-feeding apparatus and control therefor. H. C. Suekert. 1,446,022; Feb. 20.
Fuel-feeding apparatus, Float-control. H. C. Suekert. 1,446,023; Feb. 20.
Fuel-feeding device. W. Sparks. 1,457,286; May 29.
Fuel-feeding device. W. Sparks. 1,472,944; Nov. 6.
Fuel-feeding device, Electric pump-operated. W. Van Guilder. 1,459,960; June 26.
Fuel-feeding devices, Stroke adjuster for auxiliary. R. S. Riley. 1,443,502; Jan. 30.
Fuel, Feeding powdered. M. W. Arrowood. 1,474,613; Nov. 20.
Fuel, Force feed for powdered. F. L. McGahan. 1,460,168; June 26.
Fuel, Furnace for liquid. E. Becker. 1,455,186; May 15.
Fuel furnace, Pulverized-. H. G. Barnhurst. 1,452,952; Apr. 24.
Fuel in vertical retorts, Carbonizing. A. M. Duckham. 1,447,839; Mar. 6.
Fuel injection and ignition valve, Solenoid-controlled. J. Whyte. 1,451,384; Apr. 10.
Fuel, Liquid. M. Llompart y Valdés and V. Bacallao y Villar. 1,448,245; Mar. 13.
Fuel, Machine for the production of powdered. C. E. Blyth. 1,446,151; Feb. 20.
Fuel, Making. W. L. McLaughlin. 1,458,106; June 5.
Fuel manifold. R. W. A. Brewer. 1,456,176; May 22.
Fuel, Manufacture of. E. C. Wallace. 1,443,105; Jan. 23.
Fuel mixer. M. C. Buckley and H. Kendrick. 1,453,912; May 1.
Fuel mixer. R. M. Gibson. 1,466,795; Sept. 4.
Fuel mixer. K. F. Lidholm and A. E. Hedwall. 1,456,135; May 22.
Fuel mixer, Gaseous-. D. Bonnell. 1,453,656; May 1.
Fuel-mixing device. G. M. Hart. 1,462,750; July 24.
Fuel-mixture heating and vaporizing device. W. W. Grant. 1,463,133; July 24.
Fuel-mixture heating and vaporizing device. W. W. Grant. 1,474,359; Nov. 20.
Fuel, Motor. J. J. Murphy. 1,471,566; Oct. 23.
Fuel, Motor. W. C. Perry. 1,471,916; Oct. 23.
Fuel, Motor. F. W. Rohrs. 1,460,767; July 3.
Fuel, Motor. W. T. Schreiber. 1,469,053; Sept. 25.
Fuel, Motor. W. T. Schreiber. 1,474,983; Nov. 20.
Fuel, Nonfreezing. W. T. Schreiber. 1,474,982; Nov. 20.
Fuel-oil burner. W. M. Hoffman. 1,460,719; July 3.
Fuel-oil burner. E. J. Moynihan. 1,478,136; Dec. 18.
Fuel-oil filter. W. Inman. 1,468,906; Sept. 25.
Fuel-oil generation, Mechanism for. W. F. Reschke. 1,466,250; Aug. 28.
Fuel or other liquids, Apparatus for spraying oil. J. S. Gander. 1,444,601; Feb. 6.
Fuel, Process of and apparatus for burning powdered. C. W. Dyson. 1,468,008; Sept. 18.
Fuel-reserve system. P. W. Stephens. 1,470,775; Oct. 16.
Fuel reservoir, Auxiliary. J. G. Nolen. 1,443,428; Jan. 30.
Fuel-retarding member. H. A. Poppenhusen. 1,456,648; May 29.
Fuel saver. A. Burdick. 1,473,461; Nov. 6.
Fuel saver. A. Edmond. 1,461,030; July 10.
Fuel saver. F. Francis. 1,475,809; Nov. 27.
Fuel saver. J. W. Green. 1,462,503; July 24.
Fuel saver. S. H. Owens. 1,440,409; Jan. 2.
Fuel saver. H. A. Schramm and J. D. Hawkins. 1,447,901; Mar. 6.

Fuel saver and decarbonizer. H. F. Neumeyer. 1,471,411; Oct. 23.
Fuel-saving device. J. Hyvert. 1,460,964; July 3.
Fuel-saving device. G. Van Daam. 1,440,853; Jan. 2.
Fuel-stoking structure. E. L. Barnes. 1,455,756; May 15.
Fuel-supply system. S. M. Metz. 1,478,878; Dec. 25.
Fuel-supplying means. I. T. Swartz. 1,470,204; Oct. 9.
Fuel tank. G. W. and C. E. Goss and C. O. Roshon. 1,471,482; Oct. 23.
Fuel tanks, Reserve-supply drain and cut-off valve for liquid-. P. Todd. 1,478,189; Dec. 18.
Fuel, Utilizing solid. H. Gutlin. 1,452,239; Apr. 17.
Fuel vaporizers, Auxiliary air supply for. J. A. Amori. 1,477,989; Dec. 18.
Fuel vaporizing and mixing mechanism. F. D. Mowen. 1,472,665; Oct. 30.
Fuel-vaporizing system. L. E. French. 1,470,967; Oct. 16.
Fuelizer. J. G. Lanning. 1,470,756; Oct. 16.
Fuelizer and preheater. J. C. Youngblood. 1,476,942; Dec. 11.
Fuels and coke, Production of smokeless. S. R. Illingworth. 1,445,954; Feb. 20.
Fuels, Means for vaporizing hydrocarbon. H. R. Rumford. 1,453,187; Apr. 24.
Fuels, Method of and means for vaporizing hydrocarbon. R. B. Hartsough. 1,471,600; Oct. 23.
Fuels, Method of and structure for utilizing superheated liquid. N. B. Wales. 1,464,253; Aug. 7.
Fuels, Treating stable mobile. L. W. Bates. 1,444,723; Feb. 6.
Fulcrum, Forged-steel. W. C. Hedgcock. 1,454,168; May 8.
Fulcrum, Reversible. L. L. Whitney. 1,457,334; June 5.
Fulcrums, Making. A. H. Peycke. 1,445,846; Feb. 20.
Fulcrums, Producing. C. E. Bauer. 1,452,489; Apr. 24.
Fuller's earth, bone char, and the like, Revivifying finely-divided. F. W. Manning. 1,475,502; Nov. 27.
Fume control, Process and apparatus for. R. S. Perry and P. W. Webster. 1,446,480; Feb. 27.
Fumigating apparatus. F. A. Thompson. 1,468,842; Sept. 25.
Fumigating applicator. R. M. Jackson. 1,446,093; Feb. 20.
Fumigating applicator. R. M. Jackson. 1,477,125; Dec. 11.
Fumigating, Method of and apparatus for. K. F. Cooper. 1,454,154; May 8.
Fumigator. C. C. Anderson and F. Adams. 1,469,872; Oct. 9
Fungus exterminator and sprayer, Combination seed-. S. Larson. 1,447.874; Mar. 6.
Funnel. W. R. Dean. 1,472,916; Nov. 6.
Funnel, Automatic. N. Tobiasson. 1,462,253; July 17.
Funnel, Collapsible. W. J. Haessler. 1,461,654; July 10.
Funnel device. W. M. Le Bore. 1,442,278; Jan. 16.
Fur and hair, Carrotting. A. Chevalier. 1,466,698; Sept. 4.
Fur articles, Device for cleaning. O. Holstein. 1,473,431; Nov. 6.
Fur-cutting machine. J. O. Stacho. 1,453,200; Apr. 24.
Furfural and making the same, Products made from. M. Phillips and G. H. Mains. 1,441,598; Jan. 9.
Fur garments, Fastener for. G. Sachnoff. 1,473,710; Nov. 13.
Fur-napped bodies, Machine for scalding. G. Grover. 1,458,483; June 12.
Fur-pelt stretcher. C. B. Corbin. 1,456,764; May 29.
Fur softening and cleaning machine. S. Friedman. 1,463,075; July 24.
Fur-treating machine. W. A. Winter. 1,465,959–60; Aug. 28.

Furnace: *See*—
Annealing furnace.
Bath furnace.
Blast furnace.
Boiler furnace.
Busheling furnace.
Carbonizing furnace.
Coal-carbonizing furnace.
Cracking furnace.
Downdraft furnace.
Electric furnace.
Electric induction furnace.
Electric resistance furnace.
Enameling furnace.
Forging furnace.
Fuel-burning furnace.
Fuel furnace.
Gas-fired furnace.
Gas furnace.
Heating furnace.
Hot-air furnace.
Hydrogen furnace.
Household furnace.
Induction furnace.
Liquid-fuel furnace.
Locomotive furnace.
Melting furnace.
Metallurgical furnace.
Muffle furnace.
Oil-burning furnace.
One-pipe furnace.
Open-hearth furnace.
Open-hearth regenerative furnace.
Ore-roasting furnace.
Permeameter furnace.
Pipeless furnace.
Producer furnace.
Puddling furnace.
Refuse-destructor furnace.
Retort furnace.
Reverberatory furnace.
Roasting furnace.
Smelting furnace.
Smoke-consuming furnace.
Spelter furnace.
Steam-boiler furnace.
Steam-generator furnace.
Stoker furnace.
Tinsmith's furnace.
Underfeed furnace.
Warm-air furnace.
Waste-burning furnace.
Welding furnace.

Furnace. J. W. Allan. 1,446,145; Feb. 20.
Furnace. E. Berthelon. 1,473,665; Nov. 13.
Furnace. F. S. Bitgood. 1,447,337; Mar. 6.
Furnace. G. N. Blanchard. 1,470,680; Oct. 16.
Furnace. G. D. Bradshaw. 1,476,142; Dec. 4.
Furnace. B. F. Caldwell. 1,455,018; May 15.
Furnace. P. R. Cassidy. 1,448,194; Mar. 13.
Furnace. T. Crick. 1,449,735; Mar. 27.
Furnace. W. M. Duncan. 1,453,341; May 1.
Furnace. A. M. Duval and P. C. Farris. 1,468,498; Sept. 18.
Furnace. D. E. Erickson. 1,441,493; Jan. 9.
Furnace. A. Festa. 1,462,540; July 24.
Furnace. J. A. Flemings and E. B. Priebe. 1,465,037; Aug. 14.
Furnace. H. I. Gentine. 1,469,313; Oct. 2.
Furance. I. Harter. 1,466,879; Sept. 4.
Furnace. J. H. Knapp. 1,460,066; June 26.
Furnace. H. A. Kunitz. 1,472,529; Oct. 30.
Furnace. E. Kupa. 1,450,154; Mar. 27.
Furnace. F. C. Langenberg and J. F. Fetterly. 1,440,546; Jan. 2.
Furnace. W. J. Lawrence. 1,453,361; May 1.
Furnace. C. L. Lee. 1,445,220; Feb. 13.
Furnace. M. Liptak. 1,457,443; June 5.
Furnace. J. Londeau. 1,446,193; Feb. 20.
Furnace. W. Lütz. 1,445,225; Feb. 13.
Furnace. A. W. Machlet. 1,471,618; Oct. 23.
Furnace. W. R. Macklind. 1,447,593; Mar. 6.
Furnace. R. Marx. 1,464,210; Aug. 7.
Furnace. C. N. Morrison. 1,473,831; Nov. 13.
Furnace. A. Nilson. 1,443,800; Jan. 30.
Furnace. P. J. Nutting and H. W. Hayward. 1,456,992; May 29.
Furnace. W. R. Pender. 1,447,569; Mar. 6.
Furnace. H. A. Poppenhusen and A. P. Strong. 1,477,896; Dec. 18.
Furnace. J. Reid. 1,470,876; Oct. 16.
Furnace. G. Rutherford. 1,446,931; Feb. 27.
Furnace. S. F. Shafer. 1,466,762; Sept. 4.
Furnace. C. L. Sharp. 1,447,633; Mar. 6.
Furnace. L. E. Smith, C. Zulver, and H. A. Thompson. 1,460,985; July 3.
Furnace. H. E. Smythe. 1,457,556–7; June 5.
Furnace. J. P. Sneddon. 1,448,160–3; Mar. 13.
Furnace. F. C. Stankrauff. 1,458,249; June 12.
Furnace. E. C. Taylor. 1,474,499; Nov. 20.
Furnace. T. Teisen. 1,469,461; Oct. 2.
Furnace. S. A. Usher. 1,456,159; May 22.
Furnace. R. J. Wilson. 1,443,776; Jan. 30.
Furnace. J. G. Wimmer. 1,470,309; Oct. 9.
Furnace. H. E. Witz. 1,450,127; Mar. 27.
Furnace. F. H. Wolkenhauer. 1,478,810; Dec. 25.
Furnace and boiler casing. C. R. Kline. 1,458,582; June 12.
Furnace and consuming fuel therein, Copper-matting. H. H. Stout. 1,445,980; Feb. 20.
Furnace and controlling the draft therein. W. M. Duncan. 1,461,819; July 17.
Furnace and crucible, Combined. W. T. Carnes. 1,456,298; May 22.
Furnace and means for feeding fuel thereto. J. E. Muhlfeld and V. Z. Caracristi. 1,441,703; Jan. 9.
Furnace apparatus. L. B. Skinner. 1,467,509; Sept. 11.
Furnace appliance. O. L. Rundell. 1,464,272; Aug. 7.
Furnace arch. R. D. De Wolf. 1,462,267; July 17.
Furnace arch. M. Liptak. 1,457,442; June 5.
Furnace arch. C. A. Strachota. 1,472,945; Nov. 6.
Furnace arch and block. M. A. Hofft. 1,447,780; Mar. 6.
Furnace-arch construction. L. H. Hosbein. 1,456,023; May 22.
Furnace attachment. G. F. Seitz. 1,462,922; July 24.
Furnace bridge wall. W. W. Booth. 1,467,566; Sept. 11.
Furnace-casing-attaching means. D. V. Runnion. 1,474,609; Nov. 20.
Furnace-casing ring. C. M. Buller. 1,464,971; Aug. 14.
Furnace-charging apparatus. A. C Nelson. 1,459,984; June 26.
Furnace control. W. J. Heinritz. 1,477,263; Dec. 11.
Furnace control. E. McLean. 1,450,693; Apr. 3.
Furnace construction. A. C. Edgar. 1,448,734; Mar. 20.
Furnace construction. J. Gates. 1,469,000. Sept. 25.
Furnace construction. P. H. McKenzie. 1,473,731; Nov. 13.
Furnace construction. A. H. van de Pol. 1,453,960; May 1.
Furnace construction, Blast-. E. B. Kirby. 1,478,439; Dec. 25.
Furnace construction, Hot-air-. W. J. Johnson. 1,449,607; Mar. 27.
Furnace construction, Rabble-. B. G. Call and R. A. Wagstaff. 1,465,416–17; Aug. 21.
Furnace construction, Sectional. J. F. McIntire. 1,467,332; Sept. 11.
Furnace-door arch. L. E. Budd. 1,453,434; May 1.
Furnace-door attachment for effecting fuel combustion in furnaces, Oil-controlled. J. J. A. Miller and W. A. Weigele. 1,448,227; Mar. 13.
Furnace-door-operating means. C. J. Pilliod. 1,443,144; Jan. 23.
Furnace-doorway construction. S. G. Worton. 1,456,205; May 22.

Furnace doors, Adapter means for. C. J. Pilliod. 1,443,143; Jan. 23.
Furnace doors, Apparatus for operating. L. D. Bedell. 1,448,480; Mar. 13.
Furnace doors, Damper-operating mechanism for. J. J. A. Miller and W. A. Weigele. 1,448,228; Mar. 13.
Furnace for burning cement and the like, Continuous. R. Thiele. 1,451,379; Apr. 10.
Furnace for melting and casting. G. H. Benjamin. 1,462,899; July 24.
Furnace for melting metals. G. D. Faulds. 1,458,283; June 12.
Furnace for pulverous fuel. K. H. V. von Porat. 1,462,310; July 17.
Furnace for the heat treatment of metals. L. C. Josephs, jr., and G. Wirrer. 1,467,669–70; Sept. 11.
Furnace front. R. Mackie. 1,444,846; Feb. 13.
Furnace front. J. Reid. 1,449,840–1; Mar. 27.
Furnace front. J. Reid. 1,470,875; Oct. 16.
Furnace grate. T. O. Wilton. 1,462,994; July 24.
Furnace, Humidifier for hot-air. R. E. Kelm. 1,461,423; July 10.
Furnace insulation. C. R. Kline. 1,473,296; Nov. 6.
Furnace or heater, Hot-air. F. Weineck. 1,472,706; Oct. 30.
Furnace or kiln, Rapid decorating firing. R. W. Davenport. 1,451,815; Apr. 17.
Furnace or kiln, Rotary. A. Dworzak. 1,443,529; Jan. 30.
Furnace or stove. A. A. Bruder. 1,453,544; May 1.
Furnace plant, Rotating or oscillating electric-. A. H. Pehrson. 1,449,834; Mar. 27.
Furnace refractory. C. A. Scharschu. 1,444,527; Feb. 6.
Furnace-regulating apparatus. R. P. Brown. 1,443,166; Jan. 23.
Furnace-regulator construction. T. Olinger. 1,446,515; Feb. 27.
Furnace-regulator system. C. A. Boddie. 1,449,578–9; Mar. 27.
Furnace-regulator system. C. A. Boddie. 1,449,879–90; Mar. 27.
Furnace-regulator system. R. D. Evans. 1,449,593; Mar. 27.
Furnace-regulator system. R. D. Evans. 1,449,896; Mar. 27.
Furnace-regulator system. H. King. 1,449,861; Mar. 27.
Furnace-regulator system, Electric. R. D. Evans. 1,449,897; Mar. 27.
Furnace resistor, Electric-. O. A. Colby. 1,448,388; Mar. 13.
Furnace resistor mounting, Electric-. O. A. Colby. 1,464,499; Aug. 14.
Furnace retort. C. E. Richardson. 1,454,338; May 8.
Furnace roof. W. H. Cotton. 1,440,446; Jan. 2.
Furnace roof, Sectional. A. L. Kanagy and W. H. Cotton. 1,440,468; Jan. 2.
Furnace roof, Suspended. W. C. Stripe. 1,448,879; Mar. 20.
Furnace runner-gate-operating mechanism. J. Soltys. 1,448,948; Mar. 20.
Furnace sectional dead grate with brick inserts. F. B. Bigelow. 1,455,858; May 22.
Furnace smoke model or demonstrating device. W. E. Johnston. 1,472,475; Oct. 30.
Furnace stoker mechanism. R. S. Riley. 1,441,026; Jan. 2.
Furnace structure. G. Groh. 1,466,160; Aug. 28.
Furnace top, Blast-. W. L. Kluttz. 1,465,273; Aug. 21.
Furnace wall. M. Liptak. 1,463,044; July 24.
Furnace wall. M. Liptak. 1,463,046–50; July 24.
Furnace wall. M. Liptak. 1,463,052–8; July 24.
Furnace-wall structure. M. Liptak. 1,463,045; July 24.
Furnace walls, Protection or charging port through. J. Thornton. 1,449,795; Mar. 27.
Furnaces, Air-blast control for blast. H. W. Graham. 1,458,288; June 12.
Furnaces, Air-feeding attachment for. H. W. Weaver. 1,465,502; Aug. 21.
Furnaces, Air heater for. N. D. Goff. 1,475,228; Nov. 27.
Furnaces, Air heaters of steam-boiler. J. Reid. 1,472,310; Oct. 30.
Furnaces, Air-preheating device for. H. R. Brunner. 1,478,731–2; Dec. 25.
Furnaces, Air-washer humidifier for. J. V. Patten. 1,474,639; Nov. 20.
Furnaces, Air-supply wall for. R. H. Wager. 1,440,753; Jan. 2.
Furnaces and boilers, Grate for. J. W. Piper. 1,475,651; Nov. 27.
Furnaces and stoves, Bottom-draft deflector for. J. F. Campbell and R. G. Chamberlin. 1,440,965; Jan. 2.
Furnaces and the like, Door and door-operating mechanism for. V. Windett. 1,475,731; Nov. 27.
Furnaces, Apparatus for charging or discharging. M. Van Marle. 1,456,837; May 29.
Furnaces, Apparatus for charging reverberatory. A. G. McGregor. 1,461,801; July 17.
Furnaces, Apparatus for drying charges for shaft. E. Diepschlag. 1,455,392; May 15.
Furnaces, Apparatus for charging reverberatory. A. G. McGregor. 1,469,327; Oct. 2.
Furnaces, apparatus for the combustion of poisonous gases in blast. J. Voegeli. 1,447,581; Mar. 6.
Furnaces, Ash-removal device for. W. R. Wood and E. W. Robey. 1,440,757; Jan. 2.
Furnaces, Ash sifter for. J. Rapp. 1,449,838; Mar. 27.
Furnaces, Automatic temperature control means for electric. T. A. Reid. 1,447,517; Mar. 6.
Furnaces, Auxiliary feed block for. V. Mackay. 1,456,138; May 22.
Furnaces, Baffle wall for. H. Cantú. 1,444,328; Feb. 6.
Furnaces, Burner for. H. F. Clark. 1,460,947; July 3.
Furnaces, Burner for. W. A. Morton. 1,475,194; Nov. 27.
Furnaces, Charging apparatus for open-hearth. C. L. Taylor. 1,444,282; Feb. 6.
Furnaces, Charging apparatus for enameling. W. Hogenson. 1,468,944; Sept. 25.
Furnaces, Charging fork for enameling. W. Hogenson. 1,471,028; Oct. 16.
Furnaces, Conductor flue for. N. M. Hartzell. 1,464,385; Aug. 7.
Furnaces, Construction of and method of operating heating. H. H. Deuley. 1,475,373; Nov. 27.
Furnaces, Construction of smelting. A. N. Jette. 1,454,026; May 1.
Furnaces, Door for glass-pot. C. H. Christie. 1,469,358; Oct. 2.
Furnaces, Draft-controlling device for. J. H. Prescott. 1,444,523; Feb. 6.
Furnaces, Draft device for. C. Coleatti. 1,444,662; Feb. 6.
Furnaces, Draw-off for electric. F. Pope. 1,463,970; Aug. 7.
Furnaces, Fastening the scraper arms for mechanical roasting. F. Arend, J. Schwalb, and W. Sonnemann. 1,442,595; Jan. 16.
Furnaces, Feed trough for glass. W. G. Clark. 1,458,522; June 12.
Furnaces, Fire arch for. E. E. Frozeth and T. Blixt. 1,452,295; Apr. 17.
Furnaces, Fitting for metallurgical. E. Schiegries and M. Paschke. 1,441,178; Jan. 2.
Furnaces, Fuel-feeding mechanism for coal-dust. J. Taylor. 1,449,633; Mar. 27.
Furnaces, Fuel saving device for. N. J. Russell. 1,473,050; Nov. 6.
Furnaces, Fuel-saving device for. N. J. Russell. 1,475,599; Nov. 27.
Furnaces, Grate for shaft. H. Stehmann. 1,452,006; Apr. 17.
Furnaces, Heat accelerator for hot-air. H. W. Neal. 1,465,309; Aug. 21.
Furnaces, Heat intercepting and conveying device for. H. W. Neal. No. 1,440,486; Jan. 2.
Furnaces, Hot-blast ring for. C. Rue. 1,447,631; Mar. 6.
Furnaces, Humidifier for. H. M. Nobis. 1,455,930; May 22.
Furnaces, Ledge-plate and water-box mountings for. H. A. Poppenhusen. 1,456,649; May 29.
Furnaces, Means for producing a sooty vapor in electric. G. M. Little. 1,477,372; Dec. 11.
Furnaces, Means for protecting resistors in electric. G. M. Little. 1,453,399; May 1.
Furnaces, Method and device for the heating of material in electric. E. A. A. Grönwall. 1,450,543; Apr. 3.
Furnaces, Method of and apparatus for operating muffle. F. G. Roberts. 1,472,401; Oct. 30.
Furnaces, Method of and apparatus for reversing and controlling regenerative. G. H. Isley. 1,464,002; Aug. 7.
Furnaces, Obtaining nitrite from nitrous fumes produced in electric-arc. W. Siebert. 1,471,711; Oct. 23.
Furnaces, Oil burner for. W. H. Bozarth. 1,453,907; May 1.
Furnaces, Operating electric. M. O. Sem and E. Lund. 1,442,033; Jan. 9.
Furnaces, Operation of cupola. L. J. Rochlitz. 1,476,106; Dec. 4.
Furnaces, Oxygenated blast for metallurgical. M. H. Roberts and C. C. Van Nuys. 1,445,973; Feb. 20.
Furnaces, Partition wall for. M. Liptak. 1,463,051; July 24.
Furnaces, Pouring mechanism for refractory. O. J. Marshick and E. L. Crosby. 1,446,981; Feb. 27.
Furnaces, Protected electrode for electric. G. M. Little. 1,456,892; May 29.
Furnaces, Protection of resistors of electric. G. M. Little. 1,453,397; May 1.
Furnaces, Rabble apparatus for. L. B. Skinner. 1,468,216; Sept. 18.
Furnaces, Rabbling arm for roasting. D. Baird. 1,460,658; July 3.
Furnaces, Radiator structure for. W. H. Wahl. 1,463,410; July 31.
Furnaces, Regulating combustion in gas-fired. J. M. Hopwood. 1,445,684; Feb. 20.
Furnaces, Resistor-supporting means for electric resistance. H. A. Hands. 1,477,347; Dec. 11.
Furnaces, Safety mechanism for. G. N. Blanchard. 1,477,027; Dec. 11.
Furnaces, Sealing device for traveling-grate. H. Witz. 1,476,276; Dec. 4.
Furnaces, Superheater attachment for. G. F. Seitz. 1,465,490; Aug. 21.
Furnaces, Suspended arch construction for. F. B. Bigelow. 1,463,240–1; July 31.
Furnaces, System of cleaning. E. Gray. 1,465,711; Aug. 21.

Furnaces, Terminal for electric. P. H. Brace. 1,456,865; May 29.
Furnaces, Tipping crucible for basalt. P. Dhé. 1,462,446; July 17.
Furnaces, Water back for hot-air and other. J. Hopfenthaler and C. H. Fischer. 1,461,349; July 10.
Furnaces, Water box for. H. A. Poppenhusen. 1,456,650; May 29.
Furnaces with powdered fuel, Apparatus for firing. J. J. C. Brand. 1,471,681; Oct. 23.
Furnaces with solid fuel, means for feeding. A. C. Michie and E. G. Weeks. 1,447,681; Mar. 6.
Furnacing process. C. S. Fogh. 1,473,722; Nov. 13.
Furniture. C. F. Mellink. 1,466,138; Aug. 28.
Furniture attachment. J. M. Biggs. 1,450,662; Apr. 3.
Furniture attachment. D. Owings. 1,472,339; Oct. 30.
Furniture, Article of. P. Caminoni, jr. 1,455,569; May 15.
Furniture, Article of. S. Ettner. 1,467,147; Sept. 4.
Furniture, Article of. V. F. Hrachovina. 1,466,376; Aug. 28.
Furniture, Built-in disappearing. C. R. Cox. 1,464,352; Aug. 7.
Furniture, Camp. F. G. Musso. 1,478,244; Dec. 18.
Furniture clamp. J. M. Lancaster. 1,464,389; Aug. 7.
Furniture clamp. A. Margelis. 1,452,164; Apr. 17.
Furniture, Combination. E. M. Crooks. 1,454,467; May 8.
Furniture, Combination. C. E. Kuhn. 1,460,591; July 3.
Furniture, Combination. V. Lewandoski. 1,457,582; June 5.
Furniture, Combination. A. L. Neil. 1,452,434; Apr. 17.
Furniture, Combination. H. Scott. 1,472,687; Oct. 30.
Furniture, Combination kitchen. R. E. Kimball. 1,468,665; Sept. 25.
Furniture, Combined space-economizing metallic. J. T Bower. 1,443,067; Jan. 23.
Furniture, Convertible. J. Freeman. 1,459,201; June 19.
Furniture, Convertible. L. E. Holmes. 1,452,117; Apr. 17.
Furniture, Convertible. W. J. Kelly. 1,476,981; Dec. 11.
Furniture, Convertible. F. J. Lewis and L. B. Brown. 1,471,175; Oct. 16.
Furniture, Disappearing. H. L. Monroe. 1,477,660; Dec. 18.
Furniture, Folding. T. B. Draper. 1,443,314; Jan. 23.
Furniture, Insectproof cup for. W. Moll and A. W. Angel. 1,456,395; May 22.
Furniture, Joint fastening for. A. A. Anderson. 1,444,996; Feb. 13.
Furniture-knob mount. A. W. Wellington. 1,476,384; Dec. 4.
Furniture-leveling device. G. R. Perry. 1,451,999; Apr. 17.
Furniture lock. A. Seitz. 1,478,535; Dec. 25.
Furniture, Means for mothproofing. I. J. Weinberg. 1,455,463; May 15.
Furniture, Method and means for making upholstered. D. Popkin. 1,463,334; July 31.
Furniture, School. R. L. Avery. 1,443,942; Feb. 6.
Furniture, Sheet-metal. J. R. Clark. 1,476,798; Dec 11.
Furniture, Store. J. Tripp, jr. 1,460,332; June 26.
Furniture, Swinging article of. R. E. Cross. 1,477,110; Dec. 11.
Furring and fastening device. O. T. Crowe. 1,455,243; May 15.
Furring strip. M. B. Thrift. 1,467,125; Sept. 4.
Furrow guide. T. B. Funk. 1,444,738; Feb. 6.
Fuse. J. C. Bogle. 1,469,767; Oct. 9.
Fuse. B. C. Candee and W. N. Pierce. 1,447,122; Feb. 27.
Fuse. G. W. Goodridge. 1,470,440; Oct. 9.
Fuse. H. Goodwin. 1,458,696; June 12.
Fuse. M. C. A. H. Pape. 1,474,548; Nov. 20.
Fuse. D. L. Parkhurst. 1,447,101; Feb. 27.
Fuse. W. N. Pierce and B. C. Candee. 1,447,150; Feb. 27.
Fuse. R. G. Sands, J. C. Bogle, and G. R. Folds. 1,443,887; Jan. 30.
Fuse. E. J. T. Wennerstrom. 1,455,741; May 15.
Fuse. J. H. Woodberry. 1,462,314; July 17.
Fuse, Base. J. H. Woodberry. 1,456,204; May 22.
Fuse box. A. T. Kvarnstrom. 1,456,385; May 22.
Fuse box. A. Olevin. 1,447,600; Mar. 6.
Fuse, Cartridge. H. T. Bussmann. 1,454,266; May 8.
Fuse, Cartridge. E. H. Ellison. 1,478,109; Dec. 18.
Fuse cartridge. F. A. Feldkamp. 1,464,902; Aug. 14.
Fuse cartridge. F. A. Feldkamp. 1,474,146; Nov. 13.
Fuse, Cartridge. H. Goodwin. 1,463,885; Aug. 7.
Fuse cartridge. J. M. Johnson. 1,476,339; Dec. 4.
Fuse, Cartridge. M. R. Rodrigues. 1,452,255; Apr. 17.
Fuse clip and retainer. I. I. W. Nedra. 1,468,915; Sept. 25.
Fuse-box construction. H. P. Liversidge. 1,469,439; Oct. 2.
Fuse, Detonating. R. L. Lowman. 1,463,747; July 31.
Fuse, Detonating. J. H. Woodberry. 1,462,313; July 17.
Fuse, Electric. F. A. Feldkamp. 1,464,903; Aug. 14.
Fuse, Electric. G. R. Folds. 1,473,615; Nov. 13.
Fuse, Electric. B. J. Grigsby. 1,462,489; July 24.
Fuse, Electric. N. W. Nutt. 1,444,637; Feb. 6.
Fuse, Electric. A. W. Steele. 1,468,758; Sept. 25.
Fuse, Electric safety. S. J. Knudsen. 1,462,013; July 17.
Fuse element, Electric-. F. A. Feldknap. 1,473,284; Nov. 6.
Fuse for the production of heat. L. Risk. 1,473,874; Nov. 13.
Fuse, heating element, and the like, Electric-. A. F. Berry. 1,478,845; Dec. 25.
Fuse igniter, Electric-. M. P. Weinbach. 1,477,735; Dec. 18.
Fuse, Inclosed electric. A. L. Eustice. 1,450,029; Mar. 27.
Fuse, Knife-blade. E. H. Ellison. 1,463,038; July 24.
Fuse link. F. H. Weston. 1,441,550; Jan. 9.
Fuse, Minor-caliber. E. R. Pillars and H. C. Leeseberg. 1,473,355; Nov. 6.
Fuse-mounting block. C. F. Gilchrist. 1,473,575; Nov. 6.
Fuse, Multiple. N. J. Doyle. 1,462,195; July 17.
Fuse, Percussion. R. Haas. 1,462,173; July 17.
Fuse plug. E. G. Appleton. 1,475,558; Nov. 27.
Fuse plug. W. P. Briggs. 1,455,566; May 15.
Fuse plug. J. B. Glowacki. 1,459,203; June 19.
Fuse plug. J. B. Glowacki. 1,477,643; Dec. 18.
Fuse plug. W. F. and J. Heins. 1,443,261; Jan. 23.
Fuse plug. E. Nomburg. 1,472,082; Oct. 30.
Fuse plug. H. T. Paiste. 1,453,170; Apr. 24.
Fuse plug. H. V. Rau. 1,473,381; Nov. 6.
Fuse plug. R. B. Wolcott. 1,441,259; Jan. 9.
Fuse plug. F. V. Ziekursch. 1,443,606; Jan. 30.
Fuse plug, Electric. W. Ile. 1,460,675; July 3.
Fuse plug, Electrical. C. S. Mallett, O. E. Forrest, and D. Monie. 1,478,752; Dec. 25.
Fuse plug, Multiple. W. H. Taylor, C. W. Downs, and J. W. Barbey. 1,472,099; Oct. 30.
Fuse plug, Multiple. I. H. and D. L. Terrell. 1,475,200; Nov. 27.
Fuse plug, Renewable. J. G. Clemens. 1,476,875; Dec. 11.
Fuse plug, Renewable. D. C. Hubbard. 1,467,162; Sept. 4.
Fuse-plug puller. H. D. Grinnell. 1,455,878; May 22.
Fuse, Refillable. A. H. Bakken. 1,440,433; Jan. 2.
Fuse, Refillable. F. J. Williams. 1,441,959; Jan. 9.
Fuse, Refillable cartridge. J. W. Johnston. 1,442,153; Jan. 16.
Fuse, Refillable cartridge. C. T. McDonald. 1,447,798; Mar. 6.
Fuse, Refillable electric. F. C. La Mar. 1,443,137; Jan. 23.
Fuse, Refillable electric. R. E. Middagh and C. L. Anderson. 1,474,206; Nov. 13.
Fuse, Renewable. J. B. Glowacki. 1,476,964; Dec. 11.
Fuse, Renewable. W. M. Wetter. 1,463,756; July 31.
Fuse, Renewable electric. J. C. Bogle. 1,443,865; Jan. 30.
Fuse, Renewable electric. R. G. Sands. 1,473,646–7; Nov. 13.
Fuse, Renewable inclosed electric. R. C. Cole. 1,440,909; Jan. 2.
Fuse, Repeater or magazine. H. P. Dilling and J. B. Hill. 1,445,302; Feb. 13.
Fuse, Shell. O. D. Lucas. 1,456,641; May 29.
Fuse, Time. A. S. Miller. 1,453,717; May 1.
Fuse, Water-impact. H. J. Nichols. 1,446 764; Feb. 27.
Fuselage. J. M. H. Jacobs. 1,441,894; Jan. 9.
Fuses and blasting cartridges, etc., Connecting device for. F. Wells. 1,458,740; June 12.
Fuses. Composition for railway signal. E. C. Pfeil. 1,441,878; Jan. 9.
Fuses, Indicator for electric. F. C. La Mar. 1,450,670; Apr. 3.
Fuses, Renewable indicator for cartridge. J. B. Glowacki 1,446,556; Feb. 27.
Fuses. Thermostatic indicator for electric. F. C. La Mar. 1,443,136; Jan. 23.
Fusions, Carrying out continuous. W. O. Mitscherling. 1,452,520; Apr. 24.
Gaiter. H. P. Brown. 1,463,357; July 31.
Gaiter. W. Metts. Des. 62,914; Aug. 21.
Gaiter. H. S. Rauh. Des. 63,195; Oct. 30.
Galley bar and proof. C. T. Kammeyer. 1,465,082; Aug. 14.
Galley lock. J. E. Lee. 1,458,712; June 12.
Galvanic battery. G., L., and G. J. A. Fuller. 1,445,503; Feb. 13.
Game. J. B. Allen. 1,474,504; Nov. 20.
Game. J. H. Anthon. 1,475,734; Nov. 27.
Game. F. Bethke and E. Hicke. 1,458,798; June 12.
Game. H. I. Cory. 1,442,657; Jan. 16.
Game. W. F. Cook. 1,459,615; June 19.
Game. H. P. Crook, jr. 1,443,119; Jan. 23.
Game. C. F. Cullen. 1,463,388; July 31.
Game. M. M. Di Luchio. 1,465,160; Aug. 14.
Game. R. Doner. 1,458,468; June 12.
Game. D. J. Duquette. 1,455,193; May 15.
Game. R. A. Ellison. 1,441,333; Jan. 9.
Game. A. B. Foans. 1,475,154; Nov. 20.
Game. C. A. Foster. 1,474,961; Nov. 20.
Game. C. French. 1,449,393; Mar. 27.
Game. H. Haas. 1,444,683; Feb. 6.
Game. K. Hampel. 1,444,913; Feb. 13.
Game. L. F. Hanke and W. J. Stinson. 1,469,301; Oct. 2.
Game. N. J. Jacobson. 1,474,934; Nov. 20.
Game. C. A. Johnson. 1,445,891; Feb. 20.
Game. S. Kawai. 1,476,000; Dec. 4.

Alphabetical list of inventions—Continued.

Game. W. W. Lillard. 1,472,657; Oct. 30.
Game. N. MacRae. 1,470,117; Oct. 9.
Game. R. N. Maxwell. 1,461,218; July 10.
Game. C. McKay. 1,442,165; Jan. 16.
Game. P. R. Perkins. 1,476,175; Dec. 4.
Game. G. A. Post. 1,451,108; Apr. 10.
Game. B. H. Prichard. 1,448,087; Mar. 13.
Game. H. T. Pye. 1,454,982; May 15.
Game. J. A. Ross. 1,464,047; Aug. 7.
Game. W. L. Sayers. 1,452,618; Apr. 24.
Game. M. A. Sinclair. 1,472,311; Oct. 30.
Game. W. F. Schmidt. 1,455,552; May 15.
Game. M. H. Stanley. 1,441,889; Jan. 9.
Game. G. R. Strong. 1,448,819; Mar. 20.
Game. C. S. Talbert. 1,470,125; Oct. 9.
Game. H. Vogel. 1,449,565; Mar. 27.
Game. C. W. Walker. 1,456,162; May 22.
Game apparatus. C. E. Bedaux. 1,444,772; Feb. 13.
Game apparatus. W. S. Bowman. 1,471,375; Oct. 23.
Game apparatus. E. Bruder. 1,474,618; Nov. 20.
Game apparatus. R. M. Chisolm. 1,463,871; Aug. 7.
Game apparatus. H. L. Condé. 1,455,045; May 15.
Game apparatus. T. J. Dixon. 1,442,054; Jan. 16.
Game apparatus. C. F. Doerr. 1,444,734; Feb. 6.
Game apparatus. G. C. Easton. 1,473,954; Nov. 13.
Game apparatus. J. O. Eaton. 1,444,674; Feb. 6.
Game apparatus. J. A. Ernst, jr. 1,461,649; July 10.
Game apparatus. H. E. Fourcher. 1,441,221; Jan. 9.
Game apparatus. J. C. Gates. 1,464,314; Aug. 7.
Game apparatus. N. S. Harter. 1,460,670; July 3.
Game apparatus. R. J. Martin. 1,454,683; May 8.
Game apparatus. F. Miller and H. L. Noe. 1,466,596; Aug. 28.
Game apparatus. J. Nelson. 1,474,488; Nov. 20.
Game apparatus. C. Papouchis. 1,461,432; July 10.
Game apparatus. L. S. Scher. 1,472,568; Oct. 30.
Game appliance. H. B. Smith. 1,477,460; Dec. 11.
Game apparatus. K. O. Stromee. 1,450,874; Apr. 3.
Game apparatus. J. H. Venhoff. 1,441,547; Jan. 9.
Game apparatus. A. J. Vondersloot. 1,468,336; Sept. 18.
Game apparatus, Educational. M. L. Warren. 1,445,098; May 15.
Game apparatus or amusement device. F. A. Pfeifer and C. Naab. 1,462,179; July 17.
Game appliance. L. C. Brown. 1,459,389; June 19.
Game appliance, Educational. E. A. Ovenshire. 1,470,872; Oct. 16.
Game, Appliance for playing an improved card. A. E. Harvey. 1,460,485; July 3.
Game, Baseball. A. F. Balcom. 1,447,335; Mar. 6.
Game, Baseball. H. R. Cossitt. 1,458,275; June 12.
Game, Baseball. P. W. Grady. 1,447,717; Mar. 6.
Game, Baseball. L. Klinker. 1,447,310; Mar. 6.
Game, Baseball. H. L. Post. 1,449,014; Mar. 20.
Game board. C. A. Johannesen. 1,450,958; Apr. 10.
Game board. J. W. Hanley. Des. 63,366; Nov. 27.
Game board. C. B. Sigler. Des. 61,756; Jan. 2.
Game board. C. S. Muir. Des. 63,309; Nov. 20.
Game board. A. L. Roberts. 1,474,089; Nov. 13.
Game board. H. R. Seavey. 1,462,724; July 24.
Game board, Card. J. H. Stansbury. 1,461,633; July 10.
Game, Card. D. S. Gallatin. 1,468,290; Sept. 18.
Game, Card. W. H. Prime. 1,458,849; June 12.
Game club. W. B. So Relle. 1,449,559; Mar. 27.
Game, Color. A. H. Coble. 1,443,346; Jan. 30.
Game counter. L. C. Eldridge. 1,468,143; Sept. 18.
Game counter and recorder. E. D. Clarage. 1,446,735; Feb. 27.
Game, Curling. J. A. Ross. 1,476,369; Dec. 4.
Game device. F. Johnson. 1,460,966; July 3.
Game device. A. A. Leander. 1,448,454; Mar. 13.
Game device. M. A. Miller. 1,448,415; Mar. 13.
Game device. A. Plochocki. 1,464,537; Aug. 14.
Game figure. I. K. Rystedt. Des. 63,007; Sept. 4.
Game, Mariner's. C. McKay. 1,474,539; Nov. 20.
Game, Miniature football. D. C. Atkins. 1,467,912; Sept. 11.
Game of chance. E. H. Wenzel. 1,464,019; Aug. 7.
Game of skill. B. F. Tozier. 1,447,363; Mar. 6.
Game-piece support. R. C. Cunningham. 1,460,791; July 3.
Game, Race. A. B. Foans. 1,457,901; June 5.
Game, Racing. A. Cornell and H. C. Hazen. 1,448,201; Mar. 13.
Game register. M. H. Gilfoy. 1,444,680; Feb. 6.
Game, Ricochet ball. E. Ruttmann. 1,463,726; July 31.
Game schedule. R. L. Farmer. 1,442,390; Jan. 16.
Game scorer, Card-. A. D. Walker. 1,455,416; May 15.
Game table. C. Hine. Des. 62,448–50; June 5.
Game trap. J. Hardaway. 1,450,775; Apr. 3.
Game trap. W. R. Smith. 1,448,467; Mar. 13.
Games and other articles, Foldable receptacle for. M. C. Schwarz. 1,467,690; Sept. 11.
Games, Apparatus for playing parlor. E. Kent. 1,468,531; Sept. 18.
Games, Apparatus for playing race. H. T. Brooker. 1,462,189; July 17.
Games, Apparatus for playing race. J. C. P. Magwood. 1,469,657; Oct. 2.
Games, Appliance for playing fishing. W. C. Haigh. 1,456,308; May 22.
Games, Racket for tennis and similar. W. A. Larned. 1,451,836; Apr. 17.
Games, Score-indicating device for. H. M. Mathieson. 1,461,449; July 10.
Games, Stylus guide for psychic. F. C. Jenness. 1,452,741; Apr. 24.
Gaming apparatus, Outdoor. F. T. Wakefield. 1,452,350; Apr. 17.
Gaming appliance. S. Keiner. 1,454,173; May 8.
Gaming device. J. H. Ewing. 1,477,334; Dec. 11.
Gap. S. T. Woodhull and G. J. Waller. 1,473,070; Nov. 6.
Gap closer. P. Ostenberg. 1,473,250; Nov. 6.
Gap, Discharge. C. T. Allcutt. 1,477,305; Dec. 11.
Gap ionizer. Q. A. Brackett. 1,477,308; Dec. 11.
Garage. B. F. Fitch. 1,472,793; Nov. 6.
Garage, Automobile. R. Swinnerton. 1,454,348; May 8.
Garage door. A. McCulloch. 1,456,895; May 29.
Garage-door holder. C. F. Granzow, jr. 1,458,289; June 12.
Garage-door lock. C. C. Parke. 1,461,158; July 10.
Garage drain. J. Heinkel. 1,456,105; May 22.
Garage or other building. S. C. Lancaster and C. O. Hjermstad. 1,472,031; Oct. 23.
Garages, Folding door for. S. Latrace. 1,451,619; Apr. 10.
Garages, Knockdown mold for cement. L. L. Spelshouse. 1,462,989; July 24.
Garbage and other refuse, Utilizing domestic and industrial. G. Schlösser. 1,454,082; May 8.
Garbage can. O. N. Owen. 1,461,253; July 10.
Garbage can and flytrap, Combined. C. A. Dunseth and H. Garrity. 1,467,895; Sept. 11.
Garbage can, Sanitary. O. Gallucci. 1,459,622; June 19
Garbage destroyer. L. W. Beggs. 1,459,713; June 26.
Garbage destructor. H. T. Ludwig. 1,478,875; Dec. 25.
Garbage incineration. F. H. Collins and M. L. Pellett. 1,468,137; Sept. 18.
Garbage incinerator. W. F. Born. 1,461,108; July 10.
Garbage incinerator. M. A. Kohn. 1,468,450; Sept. 18.
Garbage receptacle, Sanitary. A. Cohen. 1,471,648; Dec. 11.
Garbage-receptacle stand. T. W. Watson. 1,477,404; Oct. 23.
Garbage, Treating. M. E. Faust. 1,440,727; Jan. 2.
Garden, Child's. L. P. Sittig. 1,471,530; Oct. 23.
Garden implement. P. D. Monica. 1,458,987; June 19
Garden tool. W. J. Kessel. 1,469,160; Sept. 25.
Garden tool. E. M. Swartz. 1,477,302; Dec. 11.
Garment. A. E. Bailey. 1,440,954; Jan. 2.
Garment. A. P. Dutton, jr. 1,468,141; Sept. 18.
Garment. O. Ekberg. 1,474,896; Nov. 20.
Garment. E. E. Falvey. 1,454,541; May 8.
Garment. A. T. Goldsborough. 1,443,840; Jan. 30.
Garment. V. Guinzburg. 1,477,218; Dec. 11.
Garment. H. Karrett. 1,467,482; Sept. 11.
Garment. M. E. Kinslow. 1,467,731; Sept. 11.
Garment. A. E. Lambert. 1,454,477; May 8.
Garment. J. B. Lawrence. 1,470,851; Oct. 16.
Garment. A. A. Leander. 1,448,455; Mar. 13.
Garment. R. F. Oberndorfer. 1,478,349; Dec. 18.
Garment. G. W. Pease. 1,476,831; Dec. 11.
Garment. J. Pelt. Des. 62,917–18; Aug. 21.
Garment. J. H. Pohlkotte. 1,448,940; Mar. 20.
Garment. A. Rocke. 1,460,277; June 26.
Garment. I. Roggen. 1,461,679; July 10.
Garment. J. C. Ruedt. 1,478,401; Dec. 25.
Garment. W. Schwartz. 1,476,302; Dec. 4.
Garment. A. Silverstein. 1,464,449; Aug. 7.
Garment. H. G. Sohn. 1,475,892; Nov. 27.
Garment. J. M. Van Heusen. 1,469,858; Oct. 9.
Garment, Adjustable. J. Eichhorn. 1,453,243; Apr. 24
Garment, Apparel. D. Kops. 1,468,475; Sept. 18.
Garment, Apparel. D. Kops. 1,478,232–3; Dec. 18.
Garment bag. F. W. Kennedy. 1,452,644; Apr. 24.
Garment, Body. G. Killfeather. 1,473,789; Nov. 13.
Garment box. R. F. Cuthbert. 1,450,171; Apr. 3.
Garment, Child's. D. Lang. 1,458,889; June 12.
Garment clasp. A. Graydon. 1,446,344; Feb. 20.
Garment, Combination. W. M. Spilman. 1,476,228; Dec. 4.
Garment, Convertible. B. Klappert. 1,470,849; Oct. 16.
Garment, Convertible. I. Wheeler. 1,444,291; Feb. 6.
Garment closure. J. J. Phelan. 1,472,340; Oct. 30.
Garment-display stand. E. M. Le Blanc. 1,464,431; Aug. 7.
Garment, Extensible. E. O'Donnell and B. Pintoff. 1,445,350; Feb. 13.
Garment fabric. N. Zuck. 1,445,055; Feb. 13.
Garment fastener. R. H. Anderson. 1,459,966; June 26.
Garment fastener. R. A. Nowak. 1,472,192; Oct. 30.
Garment fastener or holding device. E. Gerber. 1,463,949; Aug. 7.
Garment-fastening device. J. B. Carolin. 1,465,578; Aug. 21.
Garment, Flesh-reducing. L. M. Bender. 1,478,095; Dec. 18.
Garment for children, Bifurcated nether. E. M. Summers. Des. 62,751; July 24
Garment form. J. Tedford. 1,441,953; Jan. 9.
Garment-form supporter. T. C. Freshour and B. M. Jennings. 1,450,416; Apr. 3.
Garment former and drier, Bifurcated-. C. H. Boyuls. 1,466,695; Sept. 4.

Garment hanger. R. Chidley. 1,448,256; Mar. 13.
Garment hanger. I. Duberstein. 1,461,442; July 10.
Garment hanger. V. H. Ganham. 1,444,107; Feb. 6.
Garment hanger. D. Goldsmith. 1,468,200; Sept. 18.
Garment hanger. J. A. Landan. 1,452,745; Apr. 24.
Garment hanger. W. H. Lemke. 1,470,456; Oct. 9.
Garment hanger. L. M. Marble. 1,477,973; Dec. 18.
Garment hanger. N. J. Marks. 1,478,290; Dec. 18.
Garment hanger. W. A. McGinnis. 1,448,139; Mar. 13.
Garment hanger. J. T. McKenna. 1,462,067; July 17.
Garment hanger. N. C. Parker. 1,454,334; May 8.
Garment hanger. W. S. Settle. 1,478,771; Dec. 25.
Garment hanger. P. E. Shee. 1,458,552; June 12.
Garment hanger. J. L. Sommer. 1,458,113–14; June 5.
Garment hanger. W. M. P. Tarr. 1,459,804; June 26.
Garment hanger and presser. G. H. Boston. 1,441,057; Jan. 2.
Garment hanger and presser. J. J. Getgey. 1,473,548; Nov. 6.
Garment hangers, Attachment for. A. C. Barker. 1,467,298; Sept. 11.
Garment, Infant's. H. L. Redmond. 1,459,747; June 26.
Garment, Inflatable swimming. J. Czyzykowski. 1,476,286; Dec. 4.
Garment pocket. J. Kaufmann. 1,470,987; Oct. 16.
Garment pocket. J. R. Moffatt. 1,473,636; Nov. 13.
Garment pocket. G. W. Walker. 1,460,993; July 3.
Garment presser. G. J. Edmonds. 1,448,618; Mar. 13.
Garment-pressing machine. C. Lavier. 1,463,397; July 31.
Garment protector. J. G. Dupont. 1,465,076; Aug. 14.
Garment protector. G. K. Guinzburg. 1,476,299; Dec. 4.
Garment rack. D. J. Seaman. 1,460,685; July 3.
Garment, Rainproof. C. Freeman. 1,460,237; June 26.
Garment, Reducing. B. Cervelli. 1,457,147; May 29.
Garment-securing strap. H. M. Brummer. 1,464,126; Aug. 7.
Garment stretcher. J. P. Swedenborg. 1,465,696; Aug. 21.
Garment stretcher. P. J. Timberlake. 1,476,555; Dec. 4.
Garment support. F. O. Cates. 1,466,873; Sept. 4.
Garment support. I. L. Gates. 1,447,130; Feb. 27.
Garment support. I. L. Gates. 1,476,504–5; Dec. 4.
Garment support. M. Sonnenfeld. 1,462,389; July 17.
Garment supporter. V. R. Kozloff. 1,466,020; Aug. 28.
Garment supporter. L. B. Lovejoy. 1,478,716; Dec. 25.
Garment supporter. J. C. Mabry. 1,454,550; May 8.
Garment supporter. T. L. Caudle. 1,445,748; Feb. 20.
Garment supporter. C. P. Kuehn. 1,442,158; Jan. 16.
Garment supporter. J. S. Wallingford. 1,463,380; July 31.
Garment supporter. F. E. Williams. 1,457,952; June 5.
Garment supporter, Combination. W. J. Leverence. 1,448,970; Mar. 20.
Garment, Working. I. Bernstein. 1,441,622; Jan. 9.
Garment-supporting structure, Endless-carrier. J. T. Batts. 1,456,963; May 29.
Garment, Ventilated sanitary. J. Stein. 1,458,082; June 5.
Garments and similar articles, Trimming for. C. J. Busch. Des. 62,665; July 17.
Garments and similar articles, Trimming braid for. E. Walbrecker. Des. 63,672; Dec. 25.
Garments, Device for cutting out women's. P. Violante. 1,447,229; Mar. 6.
Garments, Fastener for reversible. J. J. Somers. 1,453,251; Apr. 24.
Garments, Machine for marking. C. E. Jenner. 1,456,447; May 22.
Garments, Packing and shipping case for. J. T. Batts. 1,455,063; May 15.
Garments, Suspending device for. H. Z. Nabers. 1,455,302; May 15.
Garments, Trimming braid for. E. Walbrecker. Des. 62,594–7; June 19.
Garter. R. Ferriday. 1,478,783; Dec. 25.
Garter. E. R. Graf. 1,448,399; Mar. 13.
Garter. M. D. Price. 1,452,001; Apr. 17.
Garter. S. Lacavalerie. 1,454,476; May 8.
Garter. D. C. Lash. 1,454,933; May 15.
Garter. A. M. and F. M. Malouf. 1,454,754; May 8.
Garter. L. J. Scheinman. 1,455,888; May 22.
Garter. W. H. Stevens. 1,469,281; Oct. 2.
Garter. H. H. Taylor and M. B. Hammond. 1,456,948; May 29.
Garter construction. G. W. Peterson and J. P. Yenetis. 1,475,868; Nov. 27.
Garter fastener. M. J. Liebenstein. 1,476,018; Dec. 4.
Garter, Man's. M. Weinstein. 1,478,077; Dec. 18.
Garter or sock suspender. F. Weinberg. 1,474,220; Nov. 13.
Garter trimming. R. A. Moore. 1,455,926; May 22.
Garter trimming. R. A. Moore. 1,465,992; Aug. 28.
Gas-analyzing apparatus. R. E. Cooper and C. O. Sisler. 1,475,000; Nov. 20.
Gas-analysis apparatus, Registering mechanism of. O. Rodhe. 1,458,893; June 12.
Gas-analysis machine. F. A. Moreland. 1,448,901; Mar. 20.
Gas and air mixer. C. Munzner. 1,456,250; May 22.
Gas and air mixer. G. P. Washburn. 1,448,320; Mar. 13.
Gas and distillation gases into gasoline and other constituents, Separation of natural. A. von Groeling. 1,456,953; May 29.
Gas and liquid contact device. J. W. Dempsey. 1,477,546; Dec. 18.
Gas and liquid pumping apparatus. I. C. Jennings. 1,446,903; Feb. 27.
Gas and oil burner, Combination. C. O. Nordensson and L. B. Mettler. 1,476,913; Dec. 11.
Gas and the like, Apparatus and process for condensing casing-head. G. E. Gray. 1,470,116; Oct. 9.
Gas and vapor burner. E. O. Daniels. 1,452,826; Apr. 24.
Gas apparatus. F. Bellville, E. A. Belleville, and R. S. Henderson. 1,461,377; July 10.
Gas, Apparatus for generating. H. Batchelor. 1,442,993; Jan. 23.
Gas apparatus, Safety joint for high-pressure. W. F. Keenan, jr. 1,475,705; Nov. 27.
Gas and powdered fuel, Regulation of combustion. T. A. Peebles. 1,459,072; June 19.
Gas, Appliance for producing and burning alcohol. C. E. Adamson. 1,466,417; Aug. 28.
Gas appliances, Safety control for automatic. G. F. Schwartz. 1,454,341; May 8.
Gas and liquid contact device. E. Cleary. 1,471,101; Oct. 16.
Gas and oil from producing wells, Apparatus for saving. E. A. Starke. 1,467,512; Sept. 11.
Gas and other meters, Self-locking seal for. P. Chinzeris. 1,472,745; Oct. 30.
Gas bleeder. F. H. Willcox. 1,473,716; Nov. 13.
Gas breaker. J. J. Freeman. 1,460,896; July 3.
Gas burner. J. B. Anderson. 1,456,754; May 29.
Gas burner. W. J. Barber. 1,443,338; Jan. 30.
Gas burner. J. H. Beeby. 1,466,291; Aug. 28.
Gas burner. L. W. Bubb. 1,467,472; Sept. 11.
Gas burner. D. S. Cole. 1,468,356; Sept. 18.
Gas burner. L. P. Coulter. 1,469,716; Oct. 2.
Gas burner. S. A. D. Cox. 1,472,554; Oct. 30.
Gas burner. P. R. Dixon. 1,465,810; Aug. 21.
Gas burner. J. Festa. 1,462,331; July 17.
Gas burner. E. G. Germer and E. G. Germer, jr. 1,466,014; Aug. 28.
Gas burner. H. Ginger. 1,462,756; July 24.
Gas burner. W. E. Hancock. 1,457,833; June 5.
Gas burner. J. Kemmer. 1,461,663; July 10.
Gas burner. J. E. Kennedy. 1,457,371; June 5.
Gas burner. J. A. Kenworthy. 1,468,302; Sept. 18.
Gas burner. W. M. Kimberlin. 1,464,909; Aug. 14.
Gas burner. L. B. Mettler. 1,440,614; Jan. 2.
Gas burner. J. A. Mustee. 1,444,263; Feb. 6.
Gas burner. E. L. Quigley. 1,449,056; Mar. 20.
Gas burner. J. C. Ramsay. 1,445,971; Feb. 20.
Gas burner. J. I. Robin. 1,451,116; Apr. 10.
Gas burner. W. V. Robinson. 1,452,440; Apr. 17.
Gas burner. W. V. Robinson. 1,463,592; July 31.
Gas burner. E. C. Schrader. 1,476,184; Dec. 4.
Gas burner. J. W. Sharp. 1,453,327; May 1.
Gas burner. J. W. Sharp. 1,466,763; Sept. 4.
Gas burner. G. E. Sharpe. 1,451,716; Apr. 17.
Gas burner. J. C. Tate. 1,443,827; Jan. 30.
Gas burner. H. T. Watts. 1,460,086; June 26.
Gas burner. G. D. Wilkinson. 1,475,465; Nov. 27.
Gas burner, Acetylene-. W. J. Frisbie. 1,461,034; July 10.
Gas-burner attachment. W. R. Gardner. 1,471,788; Oct. 23.
Gas-burner attachment. H. A. Reitz. 1,468,921; Sept. 25.
Gas burner indicator and control. E. S. White. 1,443,447; Jan. 30.
Gas burner, Low-pressure. H. H. Dodge. 1,478,383; Dec. 25.
Gas-burners, Mixer for. H. C. Caldwell. 1,471,381; Oct. 23.
Gas cell, Electrolytic. C. F. Adams. 1,471,641; Oct. 23.
Gas cleaner. H. C. Ryding. 1,464,113; Aug. 7.
Gas cock. G. E. Pickup. 1,459,416; June 19.
Gas cock. A. R. Tallman. 1,466,770; Sept. 4.
Gas cooking top. G. D. Wilkinson. 1,475,466; Nov. 27
Gas-cock lock. W. H. Franklin, jr. 1,454,433; May 8.
Gas condenser. F. E. Voorhies. 1,451,190; Apr. 10.
Gas compression. W. Wilkinson. 1,443,550; Jan. 30.
Gas compressor. J. G. Lafferty. 1,443,135; Jan. 23.
Gas-control system, Safety. C. Schuck, jr., and G. Layer. 1,457,127; May 29.
Gas controller and the like. A. Horstmann. 1,460,339; June 26.
Gas, Device for promoting the combustion of carbon-monoxide. J. W. Craig. 1,478,104–6; Dec. 18.
Gas cut-off, Automatic. A. J. Gilden. 1,464,418; Aug. 7.
Gas, Device for indicating the thermal value of. J. W. Johnson. 1,442,574; Jan. 16.
Gas diaphragm. C. P. Dubbs. 1,470,352; Oct. 9.
Gas-distributing system. E. A. Mitchell. 1,451,303; Apr. 10.
Gas engine. J. A. Embach. 1,475,005; Nov. 20.
Gas engine. T. Kashiwabara. 1,476,255; Dec. 4.
Gas engine. M. C. Kessler. 1,477,362; Dec. 11.
Gas engine. O. Nelson. 1,461,494; July 10.
Gas engine, Rotary. T. Cushman. 1,455,324; May 15.
Gas engine, Two-cycle. O. M. De Launty. 1,453,449; May 1.
Gas engine, Two-cycle. H. M. and L. O. Post. 1,473,515; Nov. 6.
Gas engine. P. Sorriguleta. 1,449,560; Mar. 27.

Alphabetical list of inventions—Continued.

Gas engines, Charge-conditioning device for. C. A. Rivers and F. B. Stuart. 1,445,105; Feb. 13.
Gas expansion and absorption, Process and apparatus therefor. J. C. Bertsch. 1,452,061; Apr. 17.
Gas, etc., Recovery of gasoline from natural. E. S. Merriam. 1,457,786; June 5.
Gas extractor. G. Domowicz. 1,464,647; Aug. 14.
Gas-fired furnace. W. R. Twigg. 1,463,104; July 24.
Gas fixture with detachable shade. J. Silberhartz and N. Abzug. 1,469,539; Oct. 2.
Gas furnace. H. E. Fendring. 1,454,963; May 15.
Gas generator. J. M. Kirby and B. E. Hartson. 1,462,705; July 24.
Gas generator, Acetylene-. R. W. Miller. 1,466,540; Aug. 28.
Gas, Generating. F. T. Snyder. 1,467,957; Sept. 11.
Gas generator. H. Hernu. 1,466,831; Sept. 4.
Gas generator. C. Läuchli. 1,475,496; Nov. 27.
Gas generator, Acetylene-. P. H. Lother and J. L. Griswold. 1,478,285; Dec. 18.
Gas generator, Acetylene-. E. M. Rosenbluth. 1,477,852; Dec. 18.
Gas generator and burner. C. A. Berkins. 1,444,451; Feb. 6.
Gas generator and burner. H. L. Edridge. 1,446,889; Feb. 27.
Gas generator, Portable. D. C. Duncan. 1,452,731; Apr. 24.
Gas generator and distributor, Multiple oil-. A. Dahlene. 1,470,817; Oct. 16.
Gas heater. J. F. Adams. 1,441,051; Jan. 2.
Gas heater. J. F. Adams. Des. 61,796; Jan. 16.
Gas heater. J. Beard. 1,449,312; Mar. 20.
Gas heater. A. T. Broch. 1,469,714; Oct. 2.
Gas heater. J. E. Davis. 1,477,998; Dec. 18.
Gas heater. J. H. Grayson. Des. 62,088; Mar. 13.
Gas heater. J. H. Grayson. 1,469,509; Oct. 2.
Gas heater. J. H. Grayson. Des. 63,398; Dec. 4.
Gas heater. A. H. Humphrey. 1,464,609; Aug. 14.
Gas heater. H. R. Humphrey. 1,461,191–2; July 10.
Gas heater. H. R. Humphrey. 1,467,429; Sept. 11.
Gas heater. H. H. Sanford. 1,459,994; June 26.
Gas heater. G. F. Schmidt. 1,457,553; June 5.
Gas heater. J. R. Taylor. Des. 62,428; May 22.
Gas heater. A. V. Santarsiero. 1,473,322; Nov. 6.
Gas heater. C. Van Santvoort. 1,451,241; Apr. 10.
Gas heater. G. F. Schmidt. Des. 63,329; Nov. 20.
Gas heater. A. G. Schneider. 1,475,450; Nov. 27.
Gas heater. A. Stockstrom. Des. 62,070; Mar. 13.
Gas heater. A. H. Wolff. Des. 61,794; Jan. 9.
Gas-heater control, Hydrostatic. R. H. Shadrick. 1,477,083; Dec. 11.
Gas heater, Fireplace. W. N. Best. 1,447,508; Mar. 6.
Gas heater, Radiant. A. N. Blake. Des. 61,887; Feb. 6.
Gas heater, Radiant. W. W. Holloway and H. Kielberg. Des. 62,059; Mar. 13.
Gas heater, Radiant. W. W. Holloway and H. Kielberg. 1,455,051; May 15.
Gas holder. J. R. Payson. 1,453,516; May 1.
Gasifier. W. M. Sublette. 1,450,761; Apr. 3.
Gas in twin generators, Generating mixed. W. A. P. Berg. 1,476,235; Dec. 4.
Gas jet. L. F. Chaney. 1,458,030; June 5.
Gas lighter. O. Zumft. 1,478,158; Dec. 18.
Gas lighter, Automatic. R. S. Starks. 1,452,987; Apr. 24.
Gas-lighting device. F. Street. 1,449,203; Mar. 20.
Gas lines, Automatic cut-off for. T. Tolla and E. W. Boots. 1,453,573; May 1.
Gas machines, Means for controlling the gas pilot lights of water-. T. S. Barlow. 1,441,905; Jan. 9.
Gas making. H. R. Berry. 1,453,655; May 1.
Gas making. E. L. Hall. 1,466,648; Aug. 28.
Gas making. J. Vajk. 1,467,460; Sept. 11.
Gas, Making illuminating. D. J. Young. 1,468,190; Sept. 18.
Gas, Means for preventing the escape of inclosed. M. C Steese. 1,475,656; Nov. 27.
Gas meter. J. W. Danaher. 1,464,972; Aug. 14.
Gas meter. J. A. Fardy. 1,469,216; Oct. 2.
Gas meter. H. H. Sprague. 1,458,010–11; June 5.
Gas meter, Automatic. M. O. S. Madsen. 1,441,441; Jan. 9.
Gas meter, Portable. J. W. Chadwick. 1,456,621; May 29.
Gas meter with swinging bell-shaped members. L. Millet. 1,478,133; Dec. 18.
Gas, Method and mechanism for testing. A. Clarke. 1,461,345; July 10.
Gas, Method of and apparatus for measuring. C. W. Hinman. 1,446,461; Feb. 27.
Gas, Method of and apparatus for treating material with. T. Nagel. 1,459,923; June 26.
Gas mixer. H. R. Green. 1,446,086; Feb. 20.
Gas mixer. R. Kach. 1,473,349; Nov. 6.
Gas mixer. W. Tankersley. 1,443,661; Jan. 30.
Gas mixer. J. Zander. 1,476,232; Dec. 4.
Gas mixer, Fuel-. H. R. Micka. 1,450,814; Apr. 3.
Gas mixtures under pressure, Separating. R. F. and R. K. E. Mewes. 1,449,291; Mar. 20.
Gas, oil, and other fluids, Apparatus for conserving. J. B. Knight. 1,472,009; Oct. 23.
Gas plant, Suction. G. Erdbrügger. 1,475,291; Nov. 27
Gas-pressure regulator. W. P. Capps. 1,454,211; May 8.
Gas-pressure regulator. R. Gilmour and E. E. Cook. 1,462,958; July 24.
Gas pressures, Apparatus for measuring. W. G. Housekeeper. 1,448,540; Mar. 13.
Gas producer. W. B. Chapman. 1,441,330; Jan. 9.
Gas producer. R. Daae. 1,441,217; Jan. 9.
Gas producer. R. Daae. 1,445,300; Feb. 13.
Gas producer. F. E. Modlin. 1,473,119; Nov. 6.
Gas producer. D. J. Smith. 1,467,955; Sept. 11.
Gas producer. F. H. Treat. 1,469,399; Oct. 2.
Gas producer. E. H. Wilson. 1,450,767; Apr. 3.
Gas producer, Furnace. C. E. Wentzel. 1,455,181; May 15.
Gas producers, Automatic governor for. G. R. McDermott. 1,444,383; Feb. 6.
Gas producers, Regulator for. H. A. Dreffein. 1,451,011; Apr. 10.
Gas producers, Supplying moisture to. H. F. Smith. 1,442,100; Jan. 16.
Gas producer, Oil-. A. Fricker. 1,441,272; Jan. 9.
Gas, Producing. W. E. Karns. 1,470,848; Oct. 16.
Gas, Producing. J. U. McDonald. 1,447,259; Mar. 6.
Gas producing and cooling device. W. E. Karns. 1,470,847; Oct. 16.
Gas purification. E. V. Espenhahn. 1,440,977; Jan. 2.
Gas purification, Apparatus for. K. Cox, R. P. Kerr, and E. J. Baty. 1,453,754; May 1.
Gas-purifying apparatus. A. L. Galusha. 1,476,292; Dec. 4.
Gas-purifying apparatus. E. H. Bird. 1,478,543; Dec. 25.
Gas, Quantitative determination of naphthalene in illuminating. W. H. Fulweiler. 1,443,330; Jan. 23.
Gas radiator. W. H. Cain. 1,451,609; Apr. 10.
Gas range. G. D. Wilkinson. 1,445,984; Feb. 20.
Gas range. G. D. Wilkinson and A. F. Harter. 1,445,985; Feb. 20.
Gas, Retort and apparatus in connection therewith for use in the manufacture of. J. W. Drake. 1,444,498; Feb. 6.
Gas retort, Continuous straw. G. H. Harrison. 1,461,614; July 10.
Gas-retort spouts, Supporting means for. R. M. Searle. 1,460,925; July 3.
Gas-sampling device. E. A. Clark. 1,441,066; Jan. 2.
Gas saver. J. N. Hewitt and J. E. Adams. 1,468,070; Sept. 18.
Gas saver and coaster brake. T. R. Watson. 1,474,570; Nov. 20.
Gas scrubber. H. G. Johnston. 1,460,490; July 3.
Gas scrubber. H. G. Johnston. 1,465,397; Aug. 21.
Gas, System for scrubbing coal. A. F. Meston. 1,444,627; Feb. 6.
Gas-testing machine. F. R. Ernest. 1,442,868; Jan. 23.
Gas tester. T. R. Ernest. 1,475,571; Nov. 27.
Gas torch. O. R. Greiner. 1,471,123; Oct. 16.
Gas trap float. M. J. Trumble. Re15,580; Apr. 17.
Gas vacuum vaporizer. E. A. Crawford. 1,474,764; Nov. 20.
Gas vent for containers. G. W. Bennett. 1,459,704; June 19.
Gas-washer tower. W. Mathesius. 1,467,184; Sept. 4.
Gas washers, Overflow drain and water seal for. K. Weinel. 1,466,348; Aug. 28.
Gas welding plants, Safety device for. C. Fregonara. 1,457,059; May 29.
Gaseous fluids, Dehydrating. O. Luhr. 1,465,673; Aug. 21.
Gaseous-fuel burner. J. Schulmeyer and P. Hildmann. 1,446,666; Feb. 27.
Gaseous mixtures, Separating olefines from. B. E. Eldred. 1,465,600; Aug. 21.
Gaseous mixtures, Method and apparatus for testing. G. G. Oberfell. 1,455,263; May 15.
Gases, Absorbent for. C. P. McNeil and E. P. Brown. 1,441,696; Jan. 9.
Gases and gases from cracking operations, Making useful products from by-product still. C. E. Ellis. 1,464,153; Aug. 7.
Gases and hydrocarbon oils, Method and apparatus for producing a chemical union between hydrocarbon. H. B. Snyder. 1,454,567; May 8.
Gases and product containing dissolved gas, Handling. H. C. P. Weber. 1,454,873; May 15.
Gases, Apparatus for and method of recovering waste. G. A. Richter. 1,469,958; Oct. 9.
Gases, Apparatus for bringing about and controlling reaction between. C. Conover. Re15,520; Jan. 9.
Gases, Apparatus for cleaning. F. R. McGee and A. F. Nesbit. 1,444,845; Feb. 13.
Gases, Apparatus for determining the relative density of two. R. F. MacMichael. 1,443,492; Jan. 30.
Gases, Apparatus for electrical precipitation of suspended particles from. C. H. Weiskopf. 1,463,352; July 31.
Gases, Apparatus for electrical precipitation of suspended particles from. W. A. Sheek. 1,442,301; Jan. 16.
Gases, Apparatus for electrical treatment of. L. Dane. 1,442,052; Jan. 16.
Gases, Apparatus for electrical treatment of. A. A. Schmidt. 1,478,798; Dec. 25.
Gases, Apparatus for purifying. A. R. Kolb. 1,448,126; Mar. 13.

Gases. Apparatus for transporting. P. E. Haynes. 1,469,756; Oct. 2.
Gases, Compression of. J. B. Speed. 1,452,619; Apr. 24.
Gases, Conditioning. H. A. Prosser. 1,441,713; Jan. 9.
Gases containing hydrogen sulphide in the separation of metals, Utilizing. C. Berthelot. 1,468,988; Sept. 25.
Gases, Determining the composition of. L. D. and A. Williams. 1,459,127; June 19.
Gases, Device for condensing. C. R. and M. C. Mabee. 1,461,364; July 10.
Gases, Drying. E. H. Arnold and W. T. Wakeford. 1,463,279; July 31.
Gases, Electrical apparatus for producing and collecting. J. M. Allen. 1,467,080; Sept. 4.
Gases, Electrical precipitation of suspended particles from. G. A. Witte. 1,446 778; Feb. 27.
Gases for ammonia synthesis, Purifying. I. W. Cederberg. 1,478,889; Dec. 25.
Gases from gas producers, Treatment of. O. Piette. 1,450,562; Apr. 3.
Gases generated by the dry distillation of combustibles, Recovering by-products from. J. Schäfer. 1,471,926; Oct. 23.
Gases in contact with liquids, Apparatus for bringing. W. H. Rose. 1,442,414; Jan. 16.
Gases into electrical energy and manner for utilizing the latter for carrying out gas reactions, Transforming the kinetic energy in. C. Petersen. 1,443,091; Jan. 23.
Gases, Means for separating suspended particles from. W. A. Schmidt. 1,472,231; Oct. 30.
Gases, Method of and apparatus for cleaning. A. N. Diehl. 1,455,834; May 22.
Gases, Method of and apparatus for determining the heat value of. O. Dommer. 1,476,601; Dec. 4.
Gases, Method of and apparatus for cleaning. A. G. McKee. 1,459,982; June 26.
Gases, Method of and apparatus for mixing and proportioning. W. B. Eddison. 1,466,356; Aug. 28.
Gases, Process and apparatus for utilizing liquefied. W. Lachmann. 1,478,479; Dec. 25.
Gases, Purification of. R. G. Jones. 1,478,036; Dec. 18.
Gases, Recording analyzing apparatus for automatic analysis of. S. A. S. Krogh and P. H. Pedersen. 1,474,097; Nov. 13.
Gases, Recovering valuable products from. O. Nordström. 1,471,276; Oct. 16.
Gases, System for cooling flue. H. H. Utley. 1,460,872; July 3.
Gases, Treating. A. Nagelvoort. 1,454,591; May 8.
Gasket. C. B. Bailey. 1,442,421; Jan. 16.
Gasket. F. J. Oven. 1,472,133; Oct. 30.
Gasket composition, Elastic. J. Ritter. 1,455,809; May 22.
Gasket, Leather. B. B. Holmes. 1,461,902; July 17.
Gasket-lining machine. M. E. Widell and W. A. Smith. 1,463,915; Aug. 7.
Gasket-making machine. W. P. Zommer and G. F. Magdziarz. 1,455,560; May 15.
Gasket, Packing. W. Dieter. 1,478,108; Dec. 18.
Gasket protector. M. McIntyre. 1,468,824; Sept. 25.
Gaskets and applying same to can necks, etc., Forming. W. J. Towle. 1,446,025; Feb. 20.
Gaskets and applying the same to can ends or other closures, Machine for forming. W. J. Towle. 1,465,101; Aug. 14.
Gaskets, Forming and applying. W. J. Peelle. 1,447,816; Mar. 6.
Gaskets, Master template for. A. Sharpe. 1,467,200; Sept. 4.
Gasoline, Apparatus for treating. T. A. Gross. 1,462,335; July 17.
Gasoline dispenser. C. E. Sides. 1,451,592; Apr. 10.
Gasoline-dispensing apparatus. C. E. Tucker. 1,476,856; Dec. 11.
Gasoline-dispensing apparatus, Name plate for. W. C. MacMillen. Des. 62,616; July 3.
Gasoline engine. A. F. Westland. 1,442,168; Jan. 16.
Gasoline feed, Vacuum. E. M. Monroe. 1,446,920; Feb. 27.
Gasoline filter. M. E. E. Dardani. 1,463,006; July 24.
Gasoline gauge. M. Metzger. 1,422,168; Jan. 16.
Gasoline gauge and strainer. R. C. Albury. 1,456,352; May 22.
Gasoline manufacture. R. Yates. 1,465,752; Aug. 21.
Gasoline, Producing. E. M. Hyatt. 1,445,688; Feb. 20.
Gasoline purifier. W. C. Glover. 1,464,071; Aug. 7.
Gasoline recovery. W. Brink. 1,477,103; Dec. 11.
Gasoline-reserve-supply apparatus. J. H. Parsons. 1,461,805; July 17.
Gasoline signal, Low-. C. W. Dixon. 1,465,351; Aug. 21.
Gasoline systems, Purifier for. O. H. Justus. 1,464,822; Aug. 14.
Gasoline tank. C. Johnson. 1,457,065; May 29.
Gasoline tanks, Combined cap and antisplash device for. J. Baudino. 1,470,136; Oct. 9.
Gasoline tanks, Electric signal for. L. Gruzler 1,459,154; June 19.
Gasoline vaporizer. A. W. Griffin. 1,446,087; Feb. 20.
Gas-tight test rod. W. Eaton and F. H. Willcox. 1,464,738; Aug. 14.
Gate: *See*—
Adjustable gate.
Automatic gate.
Automobile gate.
Bin gate.
Bridge gate.
Coal-leveling gate.
Elevator-hatchway gate.
End gate.
Farm gate.
Field gate.
Head gate.
One-way exit gate.
Railway-crossing gate.
Railway-crossing signal gate.
Railway gate.
Railway safety gate.
Roadway gate.
Self-closing gate.
Slide head gate.
Swinging farm-gate.
Vehicle gate.
Water gate.
Water-wheel gate.
Gate. R. D. Anderson. 1,441,322; Jan. 9.
Gate. N. J. Bishop. 1,449,262; Mar. 20.
Gate. O. L. Cox. 1,450,486; Apr. 3.
Gate. D. H. Davis. 1,444,237; Feb. 6.
Gate. P. J. Etue. 1,447,016; Feb. 27.
Gate. W. P. Foley and R. W. Knupp. 1,472,645; Oct 30.
Gate. J. D. Gabehart. 1,447,070; Feb. 27.
Gate. H. F. Guth. 1,459,505; June 19.
Gate. R. H. Hearn. 1,440,874; Jan. 2.
Gate. O. Hildremyr. 1,447,133; Feb. 27.
Gate. J. M. McDaniel. 1,462,066; July 17.
Gate. R. J. Mitchell. 1,475,131; Nov. 20.
Gate. J. E. Post. 1,462,766; July 24.
Gate. J. Shay. 1,472,994; Nov. 6.
Gate. B. F. Weymer. 1,451,247; Apr. 10.
Gate. G. B. Wood, W. C. Bird, and E. B. Packard. 1,473,135; Nov. 6.
Gate-adjusting means, Wicket-. M. Haeberlein. 1,451,694; Apr. 17.
Gate and barrier control mechanism. M. R. Hutchison. 1,477,493; Dec. 11.
Gate and mounting, End. A. R. Nelson. 1,443,497; Jan. 30.
Gate and operating means therefor. A. G. Maasdam. 1,447,312; Mar. 6.
Gate and operating mechanism therefor. J. Lind. 1,459,631; June 19.
Gate-closing device. M. M. Corey. 1,471,830; Oct. 23.
Gate fastener. E. Allen. 1,467,990; Sept. 18.
Gate fastener. C. P. Ruppe. 1,458,079; June 5.
Gate fastener. H. H. Schaefer. 1,458,664; June 12.
Gate-fastening device. J. Harris. 1,450,630; Apr. 3.
Gate latch. L. J. Rutherford. 1,444,392; Feb. 6.
Gate lock. F. W. Ewald. 1,440,777; Jan. 2.
Gate lock. J. M. Stuchlik. 1,440,420; Jan. 2.
Gate lock. E. H. Wayrynen. 1,461,591; July 10.
Gate lock, Double-lever. F. S. Livingston. 1,470,270; Oct. 9.
Gate machine, Distributing-. W. A. Waterman. 1,453,647; May 1.
Gate mechanism. G. M. Allard. 1,469,351; Oct. 2.
Gate opener. W. Hird. 1,465,551; Aug. 21.
Gate-opening mechanism. H. E. Ware. 1,477,987; Dec. 18.
Gate operating and locking mechanism. B. D. Ross. 1,468,081; Sept. 18.
Gate-operating device. C. Nielsen. 1,446,719; Feb. 27.
Gate-operating mechanism, Automatic. F. R. Ashley 1,475,272; Nov. 27.
Gate seats, Cleaning device for. F. T. Carlson. 1,449,653; Mar. 27.
Gatherer. A. E. Pearson. 1,448,766; Mar. 20.
Gathering machines, Frames for. H. Henderson. 1,459,731; June 26.
Gathering mechanism. J. F. Joy. 1,445,088; Feb. 13.
Gathering reel. G. W. Packer. 1,452,927; Apr. 24.
Gauge: *See*—
Absolute pressure gauge.
Adjustable gauge.
Automobile gasoline gauge.
Band-tying gauge.
Book-cover gauge.
Bridge gauge.
Butt gauge.
Caliper gauge.
Compensating gauge.
Countersink gauge.
Draft gauge.
Electric gauge.
Female gauge.
Fixture gauge.
Fluid gauge.
Fluid-pressure gauge.
Gasoline gauge.
Hair-trimming gauge.
Indicating gauge.
Internal gauge.
Limit gauge.
Liquid gauge.
Liquid head gauge.
Liquid-level gauge.
Micrometer gauge.
Miter gauge.
Mortar gauge.
Oil gauge.
Perforating-machine gauge.
Plug gauge.
Precision gauge.
Pressure gauge.
Pump and gauge.
Punching-machine gauge.
Registering pressure gauge.
Ring gauge.
Saw gauge.
Screw-thread gauge.
Shaft-alinement gauge.
Shaving gauge.
Snap gauge.
Tank gauge.
Taper gauge.
Thread gauge.
Track gauge.
Tire gauge.
Tire and engine gauge.
Tire pressure gauge.
Tire stem-pressure gauge.
Water gauge.
Wheel gauge.
Wheel-quartering gauge.
Wheel-truing gauge.
Gauge. A. Albo and V. Masellis. 1,464,839; Aug. 14.
Gauge. S. E. Allwright. 1,460,563; July 3.
Gauge. A. G. Anderson. 1,449,368; Mar. 27.
Gauge. M. Bartholdy. 1,448,373; Mar. 13.
Gauge. B. H. Blood. 1,440,441; Jan. 2.

Alphabetical list of inventions—Continued.

Gauge. B. H. Blood. 1,470,802; Oct. 16.
Gauge. B. H. Blood. 1,477,533; Dec. 18.
Gauge. F. Eilers. 1,478,328; Dec. 18.
Gauge. M. B. Field. 1,466,359; Aug. 28.
Gauge. L. Foote. 1,453,222; Apr. 24.
Gauge. E. A. Francis. 1,465,920; Aug. 21.
Gauge. C. J. Gaugh. 1,442,333; Jan. 16.
Gauge. J. Graham. 1,466,043; Aug. 28.
Gauge. R. V. R. Reynolds. 1,474,209; Nov. 13.
Gauge. L. Rouanet. 1,471,211; Oct. 16.
Gauge. J. C. Smith. 1,444,565; Feb. 6.
Gauge. M. C. Schweinert. 1,455,890; May 22.
Gauge. L. A. Stauch. 1,465,694; Aug. 21.
Gauge. K. Williams. 1,447,454; Mar. 6.
Gauge. W. H. Wood. 1,478,317; Dec. 18.
Gauge. J. G. Zuber. 1,474,992; Nov. 20.
Gauge case. E. B. Crocker. 1,466,790; Sept. 4.
Gauge mechanism, Pressure-. C. H. Graesser. 1,461,730; July 17.
Gauge pin. E. L. Megill. 1,455,346; May 15.
Gauges. Method and apparatus for coordinating the pressure columns of liquid-pressure. C. R. Waser. 1,464,254; Aug. 7.
Gauging instrument. O. Schlaupitz. 1,472,195; Oct. 30.
Gauging instrument, Circle-. H. J. Adams. 1,461,569; July 10.
Gauging machine. B. H. Jordan. 1,464,938; Aug. 14.
Gear. A. E. Forsyth. 1,470,718; Oct. 16.
Gear. F. Gahlert, jr. 1,460,958; July 3.
Gear. J. S. Kinney. 1,466,236; Aug. 28.
Gear. N. Trbojevich. 1,465,149; Aug. 14.
Gear adapted for use in connection with hydraulic presses, steam hammers, and the like, Work-rotating. W. Halliwell. 1,472,977; Nov. 6.
Gear and clutch mechanism, Transmission. B. E. Richardson. 1,443,591; Jan. 30.
Gear arrangement for motor vehicles. H. Grade. 1,446,175; Feb. 20.
Gear and thrust bearing, Combined. F. E. Knapp. 1,462,938; July 24.
Gear-assembling device. C. A. Johnson. 1,463,269; July 31.
Gear, Automatic change. E. J. Appleberg. 1,472,263; Oct. 30.
Gear-case sprayers, Oil-flow indicator for. G. Paterson and C. Thew. 1,463,174; July 31.
Gear, Change-speed. Graf A. von Soden-Fraunhofen. 1,453,032; Apr. 24.
Gear, Change-speed. E. R. Williams. 1,471,228; Oct. 16.
Gear chuck. F. C. Zumdahl. 1,444,721; Feb. 6.
Gear, Coarse-pitch spiral bevel.—F. A. Bower and B. Cataline. 1,455,706; May 15.
Gear, Combined driving and steering. L. A. Russell. 1,467,196; Sept. 4.
Gear construction. J. E. Blodgett. 1,468,794; Sept. 25.
Gear construction. E. P. Leow. 1,449,903; Mar. 27.
Gear control. E. L. Simonson. 1,473,128; Nov. 6.
Gear-control mechanism, Clutch for differential-. I. C. Woodward. 1,462,879; July 24.
Gear control mechanism, Differential-. I. C. Woodward. 1,464,795; Aug. 14.
Gear, Crank-shaft differential. A. E. Osborn. 1,458,496; June 12.
Gear, Crank-shaft transmission. A. E. Osborn. 1,441,521; Jan. 9.
Gear cutter. G. E. and G. R. Stevenson. 1,445,458; Feb. 13.
Gear cutting. R. L. Hibbard and F. W. Wappat. 1,477,562; Dec. 18.
Gear-cutting machine. F. W. Jury. 1,456,240; May 22.
Gear-cutting machine. W. H. Kitto, jr., and S. B. Moiles. 1,451,097; Apr. 10.
Gear-cutting machines, Mechanism for testing. C. G. Olson. 1,451,921; Apr. 17.
Gear, Differential. I. M. Marcy. 1,448,670; Mar. 13.
Gear, Differential. B. O'Donnell. 1,455,650; May 15.
Gear, Differential. W. M. Shirley. 1,452,316; Apr. 17.
Gear, Differential. J. H. Sternbergh. 1,461,102; July 10.
Gear, Differential or balance. L. E. de Mole. 1,448,056; Mar. 13.
Gear, Draft. H. C. Priebe. 1,451,959; Apr. 17.
Gear, Draft. H. C. Priebe. 1,451,961; Apr. 17.
Gear, Draft. H. C. Priebe. 1,466,727–8; Sept. 4.
Gear, Draft. H. C. Priebe. 1,470,286–8; Oct. 9.
Gear, Draft. H. C. Priebe. 1,478,578; Dec. 25.
Gear, Drag-spindle. M. Maag. 1,460,552; July 3.
Gear drive. J. K. Delano. 1,459,948; June 26.
Gear, Driving. A. Peterson. 1,464,108; Aug. 7.
Gear, Dumping. E. B. Hough. 1,459,209; June 19.
Gear element, Flexible. E. B. Thompson. 1,475,902; Nov. 27.
Gear, Engine reverse. E. L. Schellens. 1,476,470; Dec. 4.
Gear, Flexible. G. H. F. Holy. 1,460,131; June 26.
Gear follower block, Draft-. D. S. Barrows. 1,474,225; Nov. 13.
Gear for automobiles, Differential. C. C. Boomsliter. 1,472,629; Oct. 30.
Gear for electric driving mechanism, Control-. C. K. Edwards. 1,472,358; Oct. 30.
Gear for goniometric apparatus, Differential. A. Castiglioni. 1,476,591; Dec. 4.
Gear for motor vehicles, Change-speed. A. R. Mitchell. 1,445,703; Feb. 20.
Gear for motor vehicles, Transmission. B. Lawrence. 1,441,099; Jan. 2.
Gear for moving the bottoms of dumping receptacles. P. Kruger. 1,474,785; Nov. 20.
Gear for snowplows, Driving. G. D. and H. T. Toy. 1,473,889; Nov. 13.
Gear for the control of engine valves, Hydraulic. A. I. Nicholson. 1,472,613; Oct. 30.
Gear, Friction draft. H. C. Priebe. 1,470,285; Oct. 9.
Gear, Friction draft. E. C. Washburn. 1,462,892; July 24.
Gear, Friction draft. W. E. Van Dorn. 1,466,684; Sept. 4.
Gear friction shells, Detachable lining for draft-. W. A. Geiger. 1,472,971; Nov. 6.
Gear, Frictional draft. R. J. Cook. 1,448,200; Mar. 13.
Gear, Frictional draft. R. J. Cook. 1,463,873; Aug. 7.
Gear-generating machine, High-speed. E. R. Fellows. 1,463,806; Aug. 7.
Gear, Gradual-change. C. E. Henriod. 1,450,595; Apr. 3.
Gear-grinding apparatus. C. H. Schurr. 1,462,985; July 24.
Gear-grinding machine. O. Garrison. 1,469,504; Oct. 2.
Gear, Hoisting. G. A. Swenson. 1,446,278; Feb. 20.
Gear joint and housing, Swivel. J. K. Olsen. 1,459,958; June 26.
Gear mechanism, Power-transmission-. W. B. Fageol. 1,463,389; July 31.
Gear mechanism, Reduction-. A. C. Stahl. 1,463,447; July 31.
Gear of motor road vehicles, Transmission. E. J. de Normanville. 1,447,837; Mar. 6.
Gear, Operating. W. T. Tabb. 1,470,778; Oct. 16.
Gear-operating device, Awning worm-. C. Joseph. 1,475,233; Nov. 27.
Gear or wheel puller. D. R. Capes. 1,445,749; Feb. 20.
Gear or wheel removing device. W. J. Mielke. 1,446,918; Feb. 27.
Gear, Power reverse. W. Guenst. 1,477,557; Dec. 18.
Gear, Progressive-change-speed. C. E. Henriod. 1,450,594; Apr. 3.
Gear, Progressive change-speed. C. E. Henriod. 1,457,062; May 29.
Gear puller. E. E. Good. 1,471,259; Oct. 16.
Gear puller. G. L. Hunt. 1,456,735; May 29.
Gear puller. A. F. Young. 1,462,437; July 17.
Gear puller. R. W. Wright. 1,447,830; Mar. 6.
Gear, Reduction. H. E. Twomley. 1,456,200; May 22.
Gear, Reduction. M. J. Waclaw. 1,441,136; Jan. 2.
Gear, Reduction. G. W. Webb. 1,444,717; Feb. 6.
Gear, Regulating. E. Schröder. 1,460,281; June 26.
Gear, Reversible driving. W. D. Smith. 1,451,793; Apr. 17.
Gear, Reversing. G. W. Henry. 1,441,682; Jan. 9.
Gear, Reversing. W. L. Kerlin. 1,443,790; Jan. 30.
Gear, Reversing. L. Thallmayer. 1,463,638; July 31.
Gear, Running. T. B. Watson. 1,441,190; Jan. 2.
Gear selecting and changing device. J. Blackburn. 1,455,161; May 15.
Gear set, Variable-speed. H. J. Taylor. 1,450,266; Apr. 3.
Gear shaper, High-speed. E. R. Fellows. 1,478,472; Dec. 25.
Gear-shaping machine with side-trimming attachment. E. W. Miller. 1,470,229; Oct. 9.
Gear shift. H. A. Hanson. 1,464,037–8; Aug. 7.
Gear shift. H. W. McMullin. 1,467,675; Sept. 11.
Gear shift and brake control. W. R. Coulter. 1,478,176; Dec. 18.
Gear shift and speed control, Automatic. H. R. Hoffman. 1,475,265; Nov. 27.
Gear-shift lever and dust cap. C. L. Johnson. 1,454,600; May 8.
Gear-shift lock. N. Collion. 1,453,004; Apr. 24.
Gear-shift lock. J. Witte. 1,464,859; Aug. 14.
Gear shift, Mechanical. H. H. Mathis. 1,446,806; Feb. 27.
Gear-shift mechanism. J. S. Alspaugh. 1,462,530; July 24.
Gear-shift mechanism. J. J. Haskin. 1,471,730; Oct. 23.
Gear-shift mechanism. L. Morinsky. 1,464,328; Aug. 7.
Gear-shifting device. L. A. Laursen. 1,462,139; July 17.
Gear-shifting device. W. N. Rettinger. 1,468,400; Sept. 18.
Gear-shifting mechanism. J. S. Alspaugh. 1,456,496; May 29.
Gear-shifting mechanism. A. T. Brown. 1,446,824–5; Feb. 27.
Gear-shifting mechanism, Control device for. K. R. Manville. 1,466,453; Aug. 28.
Gear-shifting mechanism, Selector for. C. W. Shockley. 1,466,067; Aug. 28.
Gear specially applicable to motor-propelled cycles, Driving. G. M. Cameron-Cowburn. 1,463,610; July 31.
Gear, Speed-change. E. W. Jackson. 1,457,526; June 5.
Gear, Split. J. C. Jones and A. C. Kreutzer. 1,473,706; Nov. 13.
Gear, Steering. D. T. Hastings. 1,465,667; Aug. 21.
Gear teeth, Apparatus for testing the contours of. C. J. Harter. 1,463,580; July 31.
Gear teeth, Apparatus for generating. H. E. Taylor. 1,476,304; Dec. 4.
Gear teeth, Generation of. H. E. Taylor. 1,478,188; Dec. 18.

Gear teeth, Hob for cutting. J. M. Labberton. 1,446,910; Feb. 27.
Gear-testing fixture, Spur. W. P. Lotz. 1,445,631; Feb. 20.
Gear tooth. J. M. Labberton. 1,453,395; May 1.
Gear, Toothed. H. D. Williams. 1,469,290; Oct. 2.
Gear, Transmission. W. G. Beatty. 1,466,782; Sept. 4.
Gear, Transmission. E. C. Blackwell. 1,445,741; Feb. 20.
Gear, Transmission. S. F. Ewart. 1,446,037; Feb. 20.
Gear, Transmission. S. A. Smith. 1,457,945; June 5.
Gear transmission. C. W. Snodgrass and W. R. Whitmoyer. 1,453,413; May 1.
Gear transmission device. R. B. Armstrong. 1,475,468; Nov. 27.
Gear transmission mechanism, Cone-. A. E. Osborn. 1,453,478; May 1.
Gear, Transmitting and reversing. R. Boninsegni. 1,462,900; July 24.
Gear, Transom draft. H. M. Pflager. 1,467,682; Sept. 11.
Gear, Variable. N. Webster. 1,478,075; Dec. 18.
Gear, Variable-speed. J. A. and W. D. Miller. 1,463,287; July 31.
Gear, Variable-speed. M. M. Smith. 1,444,712; Feb. 6.
Gear, Variable-speed drive. B. H. Saunders. 1,475,449; Nov. 27.
Gear, Variable-speed transmission. J. H. Watson. 1,462,528; July 24.
Gear wheel. A. J. Bastian. 1,472,147; Oct. 30.
Gear wheel and manufacturing the same. J. Eckert. 1,454,508; May 8.
Gear-wheel forging dies and making same. J. Eckert. 1,470,818; Oct. 16.
Gear wheels, Apparatus for testing. J. Laessker, 1,444,470; Feb. 6.
Gear wheels, Making. P. B. Shee. 1,444,213; Feb. 6.
Gear worms, Forging. A. L. Eicher. 1,474,516; Nov. 20.
Gear yoke, Composite draft-. G. C. Murray. 1,465,363; Aug. 21.
Geared wrench. J. A. Roberts. 1,477,448; Dec. 11.
Gearing. K. Alquist. 1,459,964; June 26.
Gearing. G. B. Eggert. 1,442,057; Jan. 16.
Gearing. C. L. Heisler. 1,453,709; May 1.
Gearing. A. Seniw. 1,449,353; Mar. 20.
Gearing. G. Slider. 1,452,222; Apr. 17.
Gearing. G. D. Sundstrand. 1,473,166; Nov. 6.
Gearing and reversing device, Change-speed. C. K. Seifried. 1,447,047; Feb. 27.
Gearing, Bevel-gear transmission. D. E. Ross. 1,464,777; Aug. 14.
Gearing, Change-speed. J. H. Hand. 1,472,121–2; Oct. 30.
Gearing, Differential. A. P. Brush and O. M. Nacker. 1,446,545; Feb. 27.
Gearing, Differential. H. A. Cartwright. 1,477,310; Dec. 11.
Gearing, Differential. D. A. Flynn. 1,465,469; Aug. 21.
Gearing, Differential. J. A. Hazelton. 1,450,210; Apr. 3.
Gearing, Differential. D. D. Ormsby. 1,469,190; Sept. 25.
Gearing, Differential. M. J. L. Towler. 1,454,578; May 8.
Gearing, Differential. J. M. West. 1,466,320; Aug. 28.
Gearing, Differential or balance. J. Higginson and H. Arundel. 1,447,552; Mar. 6.
Gearing, Flexible. M. de Connick. 1,460,661; July 3.
Gearing for marine propulsion and the like. K. Alquist. 1,462,316; July 17.
Gearing for motor vehicles, Transmission. N. Bohlin and S. Forner. 1,477,208; Dec. 11.
Gearing, Friction. J. D. Gibbs. 1,477,052; Dec. 11.
Gearing, Frictional. D. Applegate. 1,454,615; May 8.
Gearing, Lubricator for intermediate. V. W. Pagé. 1,453,991; May 1.
Gearing mechanism. C. Henderson. 1,461,484; July 10.
Gearing mechanism. A. L. Stewart and E. Finsen. 1,467,655; Sept. 11.
Gearing, Pawl and ratchet. W. B. Bennitt. 1,440,438; Jan. 2.
Gearing, Planetary. E. J. Welffens. 1,462,950; July 24.
Gearing, Planetary. E. J. Welffens. 1,462,951; July 24.
Gearing, Power-transmitting. G. B. Keil. 1,467,169; Sept. 4.
Gearings, Protecting device for. F. Kec. 1,466,449; Aug. 28.
Gearing, Rear-axle. G. C. Goode. 1,477,170; Dec. 11.
Gearing, Reduction. W. E. Sharkey. 1,455,360; May 15.
Gearing, Resilient. C. W. Luhr. 1,456,700; May 29.
Gearing, Reverse. A. E. Osborn. 1,441,520; Jan. 9.
Gearing, Reversible. F. Ljungstrom, I. Broberg, and E. O. Ericksson. 1,451,266; Apr. 10.
Gearing, Sinusoidal. H. J. Eberhardt. 1,443,837; Jan. 30.
Gearing, Skew helical crown. E. Stubbs and E. R. Fellows. 1,461,230; July 10.
Gearing, Speed. P. E. Bottinelli and M. Arrighi. 1,473,459; Nov. 6.
Gearing, Speed-changing. R. A. Fontaine. 1,466,933; Sept. 4.
Gearing, Transmission. E. C. Hatcher and T. Rooke. 1,447,845; Mar. 6.
Gearing, Transmission. B. E. Richardson. 1,478,529; Dec. 25.
Gearing unit, Transmission-. P. V. Troupe. 1,457,236; May 29.
Gearing, Variable-speed transmission. D. E. Ross. 1,469,333; Oct. 2.
Gearing, Variable-velocity ratio. F. J. Healey. 1,440,462; Jan. 2.
Gearing, Variable velocity ratio. F. J. Healey. 1,446,294; Feb. 20.
Gearing, Worm. P. Brown and F. J. Bostock. 1,440,907; Jan. 2.
Gearing, Worm. V. Graf v. Alten. 1,449,205; Mar. 20.
Gears, Adjusting mechanism for friction. W. S. Crandell. 1,456,121; May 22.
Gears, Apparatus for cutting toothed. F. M. Lewis. 1,452,121; Apr. 17.
Gears, Attachment for differential. J. H. Dair. 1,458,877; June 12.
Gears, Automatic adjustment device for mechanical transmission. L. M. Masson. 1,443,630; Jan. 30.
Gears by new method, Apparatus for rolling. H. N. Anderson. 1,460,528; July 3.
Gears, Calculator for. J. H. Carver. 1,476,489; Dec. 4.
Gears, etc., from their shafts, Tool for pulling. A. A. Johnson. 1,457,841; June 5.
Gears for self-propelled vehicles, Automatic control of variable-speed. F. A. Oddie. 1,446,205; Feb. 20.
Gears, Forming spiral bevel. N. Trbojevich. 1,465,150; Aug. 14.
Gears, Lock for steering. W. Ganz. 1,453,256; Apr. 24.
Gears, Locking means for differential. H. A. Woods. 1,466,778; Sept. 4.
Gears, Machine for and method of broaching. J. L. Perkins, H. D. Croft, and F. W. Sickles. 1,469,602; Oct. 2.
Gears, Making forged tractor. R. Henry and W. M. Mansfield. 1,472,522; Oct. 30.
Gears, Method of and means for testing. C. L. Trosky and C. C. Marsh. 1,473,748; Nov. 13.
Gears or cams and their axles, Tool for assembling or disassembling. D. Miller. 1,471,502; Oct. 23.
Gears to their axles, Tool for removing from or applying differential. W. C. Bakels. 1,463,031; July 24.
Gears, Yoke for draft. C. A. Carscadin. 1,470,809; Oct. 16.
Gearless differential. J. D. Allen. 1,446,325; Feb. 20.
Gearless differential. E. M. Bell. 1,477,236; Dec. 11.
Gearless differential. J. A. Wiora. 1,443,448; Jan. 30.
Gelatin and glue, Purifying. C. R. Smith. 1,457,466; June 5.
Gelatin tester. A. D. Burke. 1,470,806; Oct. 16.
Gem setting. J. Pejchar. 1,476,462; Dec. 4.
Gem setting. C. T. Wittstein. 1,449,158; Mar. 20.
Gem-setting machine, Automatic. D. Lombardi. 1,465,446; Aug. 21.
Gem-setting tool. S. Toy. 1,442,986; Jan. 23.
Generating plant, Single-unit. E. F. Andrews and R. E. Acre. 1,447,371; Mar. 6.
Generator: *See*—
Acetylene generator.
Acetylene-gas generator.
Air-motor-driven generator.
Automobile starter and generator.
Current commutator generator.
Current generator.
Electric generator.
Electric-current generator.
Gas generator.
Hydrocarbon-vapor generator.
Ignition and lighting generator.
Multifrequency generator.
Power generator.
Steam generator.
Generator. A. E. Buchenberg. 1,475,918; Nov. 27.
Generator. L. A. Darling. 1,447,282; Mar. 6.
Generator. E. L. Stangeland. 1,455,275; May 15.
Generator and battery control. G. Fornaca. 1,448,484; Mar. 13.
Generator and burner, Hydrocarbon. G. N. Blanchard and C. F. Colmar. 1,458,680; June 12.
Generator and the generation of multiple frequencies. B. W. Kendall. 1,446,752; Feb. 27.
Generator regulation. R. H. Sullivan. 1,475,251; Nov. 27.
Generator regulator. A. F. Brotz. 1,472,788; Nov. 6.
Generator set, Turbo. C. W. Dake. 1,446,787; Feb. 27.
Generators, Apparatus for removing blast gases from water-gas. H. Knofel. 1,459,058; June 19.
Generators, Controlling means for hydraulic. S. G. Wigelius. 1,440,428; Jan. 2.
Generators, Impulse-starter mechanism for ignition. J. L. Milton. 1,458,431; June 12.
Generators, Multiple-unit system of engine-driven. A. F. Brotz. 1,476,686; Dec. 11.
Generators, Regulator for electric. R. G. Standerwick. 1,477,781; Dec. 18.
Generators, Regulator for electric. C. P. Steinmetz and R. G. Standerwick. 1,477,782; Dec. 18.
Geometrical instrument. B. Bartholomew. 1,464,633; Aug. 14.
Gilsonitic products. C. N. Forrest, H. P. Hayden, and O. R. Douthett. 1,459,328; June 19.
Gimlet. V. T. Julin. 1,441,930; Jan. 9.
Gin breasts, Lift for. C. R. P. Pool. 1,471,416; Oct. 23.
Gin feeders, cleaner attachment for cotton-. J. A. Streun. 1,473,059; Nov. 6.
Gin rib. F. B. Cumpston. 1,460,228; June 26.
Gin-rib mounting, Linter-. T. M. Jones. 1,457,172; May 29.
Ginning and cleaning machine. W. D. McCoy. 1,478,572; Dec. 25.

Alphabetical list of inventions—Continued.

Ginning machine, Cotton-roping. L. L. Foss. 1,440,452; Jan. 2.
Gins, Attachment for huller cotton. E. B. Sherman. 1,446,021; Feb. 20.
Gins, Feed-control attachment for cotton. J. R. Hubbard. 1,441,627; Jan. 9.
Gins, Feeder for cotton. W. A. Hiller. 1,448,443; Mar. 13.
Gins, Pneumatic elevator for elevating seed cotton for. C. R. Wood. 1,455,764; May 15.
Gins, Roll-box structure for. A. A. Vardell. 1,455,685; May 15.
Girder, Light-weight. K. Arnstein. 1,449,721; Mar. 27.
Girdle. A. A. C. Malcolm. 1,445,840; Feb. 20.
Girdle. S. G. Mandalian. 1,474,421; Nov. 20.
Girdle. S. G. Mandalian. Des. 62,998; Sept. 4.
Girdle for women's apparel. O. David. 1,452,148; Apr. 17.
Girdle or corset. C. M. Carr. 1,472,552; Oct. 30.
Gland, Stuffing-box. M. Di Lorenzo. 1,455,606; May 15.
Glands, Recovery of the active principle of the suprarenal. K. Wooyenaka. 1,460,832; July 3.
Glare protector. A. C. Schnake. 1,478,799; Dec. 25.
Glare protector. C. F. Sechrist. 1,468,750; Sept. 25.
Glare screen. J. J. Jacobs. 1,473,185; Nov. 6.
Glare screen. A. and H. McPhaill. 1,476,002; Dec. 4.
Glare shield. W. E. Loranger. 1,454,390; May 8.
Glare-shield device. J. E. Roy. 1,473,878; Nov. 13.
Glare stop. F. W. La Moreaux. 1,467,002; Sept. 4.
Glass. B. McCracken and C. Pirott. Des. 63,108; Oct. 2.
Glass and celluloid, Uniting. H. Rosenthal. 1,478,862; Dec. 25.
Glass and making same. W. C. Taylor. 1,449,793; Mar. 27.
Glass and other furnace. C. S. Stafford. 1,443,767; Jan. 30.
Glass and the like, Manufacture of articles of. M. A. Demongeot. 1,465,545; Aug. 21.
Glass, Antæus. J. C. Wells and E. D. Tillyer. 1,454,200; May 8.
Glass, Apparatus for bending continuous sheet. J. P. Crowley and C. A. Rowley. 1,447,647; Mar. 6.
Glass, Apparatus for cutting sheet. C. A. Rowley and J. A. Reece. 1,453,856; May 1.
Glass, Apparatus for drawing sheet. W. J. Jacobs. 1,453,842; May 1.
Glass, Apparatus for feeding molten. K. E. Peiler. 1,473,587; Nov. 6.
Glass, Apparatus for gathering and transferring molten. J. F. Rule. 1,453,285; May 1.
Glass, Apparatus for making wire. N. A. Liston. 1,466,025; Aug. 28.
Glass, Apparatus for operating on molten. E. H. Lorenz. 1,466,367; Aug. 28.
Glass, Apparatus for producing charges of molten. C. R. Lott. 1,458,834; June 12.
Glass, Apparatus for stretching sheet. C. A. Rowley. 1,444,038; Feb. 6.
Glass, Apparatus for treating. A. Boardman. 1,472,456; Oct. 30.
Glass articles, Machine for the manufacture of. R. F. Hall. 1,461,271; July 10.
Glass-banding machine. J. B. Greer. 1,473,762; Nov. 13.
Glass-blowing machine. M. P. Wetmore. 1,446,026; Feb. 20.
Glass-blowing machine. J. M. Young. 1,456,454; June 12.
Glass-blowing machines, Take-out and steadying device J. M. Young. 1,458,455; June 12.
Glass-blowing machines, Takeout and steadying device for. J. M. Young. 1,458,456; June 12.
Glass, Caliper-reading. C. V. Larson. 1,472,074; Oct. 30.
Glass containers, Metal top for sealing. M. P. Orr. 1,478,141; Dec. 18.
Glass, Cupping. J. Cateula. 1,463,458; July 31.
Glass cutter. H. W. Hill. 1,459,369; June 19.
Glass cutter, Circular. J. E. Dezell. 1,442,926; Jan. 23.
Glass-cutting machine. H. B. Davis. 1,462,030; July 17.
Glass-cutting mechanism. E. T. Ferngren and L. D. Soubier. 1,453,315; May 1.
Glass cylinders, Apparatus for supporting. T. Stenhouse. 1,460,043; June 26.
Glass cylinders, Method and apparatus for drawing. T. Stenhouse. 1,460,285; June 26.
Glass cylinders, Method of and apparatus for supporting. T. Stenhouse. 1,460,286; June 26.
Glass dish. W. H. Magee. Des. 62,228; Apr. 17.
Glass dish. W. H. Magee. Des. 62,404; May 22.
Glass dish, Composite. H. G. Dalzell. 1,478,026; Dec. 18.
Glass dish or similar article. C. W. Oldham. Des. 63,039; Sept. 18.
Glass, Drawing. H. J. Walter. 1,475,527; Nov. 27.
Glass drawing and delivering mechanism, Sheet-. I. B. Busard. 1,466,421; Aug. 28.
Glass-drawing apparatus. C. Donaldson and C. Day. 1,461,603; July 10.
Glass-drawing apparatus. W. Gray. 1,449,038; Mar. 20.
Glass-drawing apparatus. W. Gray. 1,450,590; Apr. 3.
Glass, Drawing continuous sheet. R. P. Callard. 1,469,380; Oct. 2.
Glass, Drawing continuous sheet. L. D. Soubier. 1,463,273; July 31.
Glass-drawing machines, Changing bending rollers in sheet-. R. P. Callard. 1,463,261; July 31.
Glass-drawing mechanism, Sheet-. R. P. Callard. 1,469,379; Oct. 2.
Glass-drawing mechanism, Sheet-. T. S. Owens. 1,462,495; July 24.
Glass drawing mechanism, Sheet-. M. J. Owens. 1,466,457; Aug. 28.
Glass facing. D. Hamilton. 1,452,684; Apr. 24.
Glass-feeding mechanism. E. Miller. 1,470,023; Oct. 9.
Glass-filler fixture, Drinking-. W. E. Field. 1,442,140; Jan. 16.
Glass finishing and polishing machine. G. C. Scott. 1,462,522; July 24.
Glass frame and mirror, Combination chipped-. J. Keczur. Des. 62,731; July 24.
Glass frame and mirror, Combination colored chipped-. J. Keczur. Des. 62,732; July 24.
Glass furnaces, Raw-material conveyer for feeding. W. F. Brown. 1,473,008; Nov. 6.
Glass, Gathering and delivering apparatus for molten. A. C. Wilcox. 1,465,886; Aug. 21.
Glass globe, Prismatic. W. A. Dorey. Des. 61,906; Feb. 6.
Glass globe, Prismatic. W. A. Dorey. Des. 62,187; Apr. 3.
Glass hall illuminating bowl. E. A. Gillinder. Des. 63,256; Nov. 13.
Glass-handling apparatus. F. O'Neill. 1,462,652; July 24.
Glass holder, Drinking-. M. Blackman, L. K. Hosier, and E. B. McKee. 1,468,256; Sept. 18.
Glass in pots, Melting. F. E. Troutman and C. H. Christie. 1,476,431; Dec. 4.
Glass, Leer conveyer for continuous sheet. F. E. Deulin. 1,447,648; Mar. 6.
Glass, Leer conveyer for sheet. H. E. Allen. 1,450,571; Apr. 3.
Glass machinery. A. Parys. 1,471,002; Oct. 16.
Glass-making apparatus, Blowpipe for. J. C. Campbell. 1,472,291; Oct. 30.
Glass, Making hollow panes of. I. M. Kirlin. 1,448,351; Mar. 13.
Glass, Making sheet. J. P. Crowley. 1,469,382; Oct. 2.
Glass manufacture. R. M. Corl. 1,478,554; Dec. 25.
Glass, Means for delivering charges of. C. R. Lott. 1,442,281; Jan. 16.
Glass, Means for transferring molten. J. M. Lents. 1,446,649; Feb. 27.
Glass, Means for treating sheet. M. J. Owens. 1,440,408; Jan. 2.
Glass-melting pot. C. A. Bowen. 1,471,824; Oct. 23.
Glass-melting pot. F. Osborne. 1,475,650; Nov. 27.
Glass-melting-pot furnace. F. E. Troutman and C. H. Christie. 1,476,432; Dec. 4.
Glass-melting tank. H. G. Willetts. 1,462,993; July 24.
Glass, Method and apparatus for drawing and flattening sheet. J. Whittemore. 1,466,460; Aug. 28.
Glass, Method and apparatus for drawing sheet. J. Whittemore. 1,447,702; Mar. 6.
Glass, Method and apparatus for flattening sheet. S. B. Henshaw. 1,447,661; Mar. 6.
Glass, Method and apparatus for forming. R. M. Corl. 1,474,019; Nov. 13.
Glass, Method and apparatus for forming sheet. H. A. Myers. 1,471,189; Oct. 16.
Glass, Method of and apparatus for drawing sheet. A. E. Fowle. 1,447,654; Mar. 6.
Glass, Method of and apparatus for drawing sheet. S. B. Henshaw. 1,460,582; July 3.
Glass, Method of and apparatus for feeding molten. S. Davidson. 1,458,167; June 12.
Glass, Method of and apparatus for producing continuous sheet. J. P. Crowley. 1,469,383; Oct. 2.
Glass, Method of and means for feeding molten. L. D. Soubier. 1,453,290; May 1.
Glass mold. J. G. Moritz. 1,474,329; Nov. 13.
Glass-mold-burnishing process and apparatus. S. F. Arbuckle. 1,460,836; July 3.
Glass-molding machine. S. E. Winder. 1,466,867; Sept. 4.
Glass or the like, apparatus for handling plates of. W. Duster. 1,446,003; Feb. 20.
Glass panels to their supports, Means for fastening. B. J. Dowd. 1,458,618; June 12.
Glass, Paste for etching. L. Simon. 1,470,772; Oct. 16.
Glass, plate glass, and other material substances, Apparatus for grinding, smoothing, and polishing. C. Heuze. 1,474,672; Nov. 20.
Glass plate, Method and machine for constructing embossed. H. F. Anderson. 1,465,507; Aug. 21.
Glass-polishing machine, Beveled-. B. Rehm. 1,462,303; July 17.
Glass, Process and apparatus for feeding. W. J. Miller. 1,451,707; Apr. 17.
Glass, Process and apparatus for feeding. W. J. Miller. 1,462,491; July 24.
Glass, Process of and apparatus for feeding molten. W. A. Lorenz. Re15,600; May 15.
Glass, Process of and apparatus for forming. R. M. Corl. 1,465,347; Aug. 21.
Glass, Process of and apparatus for making sheet. W. E. Heal. 1,460,488; July 3.
Glass, Reenforced. V. C. Edwards. 1,467,030; Sept. 4.
Glass rods having bends therein, Making solid. V. Durand, jr. 1,451,361; Apr. 10.

Glass rolling and pressing machine. R. F. Hancock. 1,466,621; Aug. 28.
Glass, Runway for. H. H. Buggie. 1,457,495; June 5.
Glass, Safety gauge. G. Ernst. 1,459,952; June 26.
Glass-shearing mechanism. T. K. Byrd. 1,444,327; Feb. 6.
Glass setting, Plate-. F. W. Currier. 1,458,396–8; June 12.
Glass, Sheet. W. N. Pilkington. Des. 63,318–20; Nov. 20.
Glass sheets, Drawing. H. K. Hitchcock. 1,463,582; July 31.
Glass table ornament, Chipped-. J. Peczur. Des. 63,370; Nov. 27.
Glass teapot. F. Carder. Des. 61,948; Feb. 13.
Glass to molds, Means for transferring. L. D. Soubier. 1,446,670; Feb. 27.
Glass, Variable-angle gauge. G. Ernest. 1,448,920; Mar. 20.
Glassware, Apparatus for the manufacture of. P. Ebeling. 1,461,416; July 10.
Glassware, Holder for illuminating. H. C. Adam. Des. 62,179–83; Apr. 3.
Glassware, Holder for illuminating. H. C. Adam. Des. 62,662; July 17.
Glassware, Leer for annealing. D. Stenhouse. 1,474,058; Nov. 13.
Glassware, Machine for making pressed. T. C. Moorshead. 1,445,345; Feb. 13.
Glassware, Manufacture of. R. Good. 1,469,457; Oct. 2.
Glassware, Mechanism for conveying hot. M. J. Owens. 1,455,966; May 22.
Glass washing and cleaning apparatus, Plate-. J. H. Krupeany. 1,448,062; Mar. 13.
Glass-washing machine. F. T. Burnham. 1,458,028; June 5.
Glass while in a plastic state, Tool for cutting. D. S. Beebe. 1,457,491; June 5.
Glass, Width-maintaining apparatus for continuous-sheet. C. A. Rowley. 1,444,039; Feb. 6.
Glassworking apparatus. J. A. Milliken. 1,453,803; May 1.
Glassworking machine. T. H. Sloan. 1,478,261; Dec. 18.
Glassworking mold. C. C. Bohner. 1,462,362; July 17.
Glasses and analogous articles, Apparatus for drying and polishing. H. A. Cole. 1,460,092; June 26.
Glasses and the like, Holder for. J. Green. 1,464,652; Aug. 14.
Glasses, spectacles, and the like, Adjusting. A. A. Covelle. 1,452,909; Apr. 24.
Glazed structure. R. N. Schalkenbach. 1,454,079; May 8.
Glazier's point setter. A. A. Eisbach. 1,449,035; Mar. 20.
Glazing machine. H. N. Halversen. 1,473,675; Nov. 13.
Glide, Pavement. W. O. Carley. 1,456,881; May 29.
Glider. W. Inhelder. 1,469,156; Sept. 25.
Globe holder and reflector, Combined. C. L. Fitchet. 1,457,058; May 29.
Globes and the like, Base for terrestrial and celestial. E. H. Busch. Des. 62,543; June 19.
Glove. L. Cleveland. 1,475,221; Nov. 27.
Glove. W. E. Haseltine. 1,451,949; Apr. 17.
Glove. H. Schröder-Stranz. 1,455,819; May 22.
Glove. J. V. Sullivan. 1,456,580; May 29.
Glove. J. W. Watson. 1,450,155; Mar. 27.
Glove. C. H. Wilkes. 1,474,573; Nov. 20.
Glove and making the same. G. P. Bosworth. 1,454,019; May 1.
Glove and mitten. H. Schallman. 1,478,582; Dec. 25.
Glove box. G. O. Slingerland. 1,454,457; May 8.
Glove, Combination work. R. E. Neal. 1,471,801; Oct. 23.
Glove-drying machine. G. W. Du Nah. 1,471,652; Oct. 23.
Glove, Fielder's. H. Goldsmith. 1,473,849; Nov. 13.
Glove, Fighting. S. Levinson. 1,453,714–15; May 1.
Glove form. J. R. Hemphill. 1,458,185; June 12.
Gloves and the like, Forming, stretching, and drying support for. A. Meehan. 1,475,193; Nov. 27.
Gloves, Form for baseball. R. F. Nixon, jr. 1,475,239; Nov. 27.
Gloves, Gauntlet for. E. C. Lindfeldt. 1,445,094; Feb. 13.
Glue, Blood-albumin. A. C. Lindauer. 1,459,541; June 19.
Glue container and brush holder. F. R. Jordan. 1,451,984; Apr. 17.
Glue from blood, Producing a cold. F. Lux. 1,468,313; Sept. 18.
Glue, Making waterproof blood. W. A. Drushel. 1,476,805; Dec. 11.
Glue, Manufacture of casein. E. L. Dance. 1,478,943; Dec. 25.
Glue, Water-resistant. W. A. Drushel. 1,473,987; Nov. 13.
Gluing machine. C. W. Marsh. 1,452,888; Apr. 24.
Gluing machine, Box-. R. J. Gruenberg. 1,473,183; Nov. 6.
Glycerin, Making. K. P. McElroy. 1,466,665; Sept. 4.
Glycerin, Polymerizing. R. I. Bashford. 1,467,299; Sept. 11.
Glycerin, Recovering. H. F. Willkie. 1,474,750; Nov. 20.
Glycerol, Synthesis of. H. Essex and A. L. Ward. 1,477,113; Dec. 11.
Glycol, Making. W. H. Rodebush. 1,454,604; May 8.
Glycols, Making. G. O. Curme, jr., and C. O. Young. 1,442,386; Jan. 16.
Goblet or similar article. B. McCracken and C. Pirott. Des. 62,838; Aug. 7.
Goblet or similar article. S. Trippi. Des. 63,337–8; Nov. 20.
Goblet or similar article, Surface ornamentation for. T. C. Heisey. Des. 61,952; Feb. 13.
Goggles. G. S. Johnston. 1,446,847; Feb. 27.
Goggles. G. S. Johnston. 1,474,635; Nov. 20.
Goggles and the like. F. A. Ihrcke and C. A. Partenheimer. 1,442,070; Jan. 16.
Goggles, Eye. H. S. Cover. 1,478,818; Dec. 25.
Gold bag. H. M. Pierce. 1,444,357; Feb. 6.
Gold pan. E. O. C. Ord. 1,444,752; Feb. 6.
Gold-panning machine. C. E. Erickson and M. J. Mast. 1,451,567; Apr. 10.
Gold separator. J. Dee. 1,448,995; Mar. 20.
Gold-washing machine. G. E. C. Rousseau. 1,478,761; Dec. 25.
Golf and other games and for like purposes, Device for use in practicing the game of. O. Coughtrie. 1,464,029; Aug. 7.
Golf, Appliance for teaching or practicing the game of. C. A. H. Bullock. 1,459,705; June 19.
Golf bag. H. S. Rawlings, B. H. Gray, D. Call, and M. Peck. 1,442,906; Jan. 23.
Golf bag. J. E. Schank. 1,461,459; July 10.
Golf-bag holder. A. E. Smith. 1,475,605; Nov. 27.
Golf bag or the like, Stand for use in combination with a. J. H. Wolfe. 1,471,766; Oct. 23.
Golf-bag support. C. J. C. Moon. 1,472,664; Oct. 30.
Golf ball. T. W. Miller. 1,477,516; Dec. 11.
Golf-ball dipper or retriever. L. B. Mellor. 1,453,511; May 1.
Golf balls, Means for washing and cleaning. J. F. King. 1,469,274; Oct. 2.
Golf club. W. S. Allen. 1,455,379; May 15.
Golf club. H. D. Challis. Des. 63,284; Nov. 20.
Golf club. H. D. Challis and S. J. Williamson. 1,454,267; May 8
Golf club. H. E. Doer. 1,467,714; Sept. 11.
Golf club. J. H. Dwight. 1,441,492; Jan. 9.
Golf club. T. J. Holmes. 1,453,503; May 1.
Golf club. W. Kinnear. 1,467,435; Sept. 11.
Golf club. H. J. Kinsman. 1,447,989; Mar. 13.
Golf club. A. A. Kraeuter. 1,455,256; May 15.
Golf club. C. A. Kurz, jr. 1,463,533; July 31.
Golf club. H. C. Lagerblade. 1,444,842; Feb. 13.
Golf club. J. L. Nix. 1,446,577; Feb. 27
Golf club. E. R. Phelan. 1,465,056; Aug. 14.
Golf club. R. D. Pryde. 1,452,845; Apr. 24.
Golf club. S. T. Thorpe. 1,464,550; Aug. 14.
Golf club. M. Tootle 3d. 1,473,528; Nov. 6.
Golf club. G. Weaver and R. White. 1,458,564; June 12.
Golf club. C. Willmott. 1,444,409; Feb. 6.
Golf club. C. M. Wills. 1,459,810; June 26.
Golf-club shaft. H. I. Jordan. 1,457,528; June 5.
Golf clubs, Sole plate for. G. W. Mattern. 1,452,695; Apr. 24.
Golf-cup device. R. G. Du Bois. 1,470,603; Oct. 16.
Golf game, Indoor-. P. P. Whitehair. 1,469,130; Sept. 25.
Golf kit. W. S. Luckett. 1,443,230; Jan. 23.
Golf or other games or physical exercises, Apparatus for obtaining practice in. C. Leven. 1,471,794; Oct. 23.
Golf players, Arm lock for. J. M. MacDonald. 1,457,710; June 5.
Golf putting box. A. B. Scott. 1,473,051; Nov. 6.
Golf score card. W. Seguine, jr. 1,447,358; Mar. 6.
Golf shaft. A. E. Lard. 1,450,091; Mar. 27.
Golf-stroke counter. H. K. Brooks. 1,460,842; July 3.
Golf-stroke dynamometer and indoor-golf apparatus. C. H. Hutton. 1,443,412; Jan. 30.
Golf-stroke register. B. M. Beskow. 1,454,263; May 8.
Golf-stroke register. B. M. Beskow. 1,470,904; Oct. 16.
Golfers, Head-lifting detector for. J. M. MacDonald. 1,468,386; Sept. 18.
Golfing outfit. W. S. Luckett. 1,452,084; Apr. 17.
Gong. S. B. Merrill. 1,471,798; Oct. 23.
Gong, Electric. G. H. Bickell. 1,471,878; Oct. 23.
Goods, Apparatus for the mechanical handling of. L. Sabarros. 1,467,504; Sept. 11.
Goods container. C. C. Morrison. 1,464,827; Aug. 14.
Goods, Exhibitor for. M. Harlan. 1,459,532; June 19.
Goods for shipment, Preparing. J. W. Leslie. 1,469,797; Oct. 9.
Gopher poisoner. W. J. Mervyn. 1,447,220; Mar. 6.
Gopher trap. S. Davis. 1,452,028; Apr. 17.
Gopher trap. R. C. Lutz. 1,476,529; Dec. 4.
Gopher trap. A. Moyna. 1,445,602; Feb. 13.

Governing and gland apparatus. W. B. Flanders. 1,467,575; Sept. 11.
Governing mechanism. F. S. Bennett. 1,471,315; Oct. 16.
Governing mechanism. F. I. Degen. 1,449,736; Mar. 27.
Governor. M. G. Benjamin. 1,474,615; Nov. 20.
Governor. H. P. Dahlstrand. 1,464,749; Aug. 14.
Governor. C. C. Hinkley. 1,442,885; Jan. 23.
Governor. H. H. Ide. 1,460,907; July 3.
Governor. D. L. A. Larsonneur. 1,451,365; Apr. 10.
Governor. A. F. Meyer. 1,450,380; Apr. 3.
Governor. A. Vischer, jr. 1,443,664; Jan. 30.
Governor, Automatic throttle. H. A. Lewis. 1,473,823; Nov. 13.
Governor cam-shaft brake. K. R. Manville. 1,476,454; Dec. 4.
Governor, Centrifugal. H. F. Dobbin. 1,452,266; Apr. 17.
Governor, Centrifugal. H. F. Dobbin. 1,453,452; May 1.
Governor, Centrifugal. E. W. Gent. 1,459,394; June 19.
Governor, Centrifugal. C. J. Hendrickson. 1,462,087; July 17.
Governor, Centrifugal. E. McCracken and G. C. J. Gray. 1,465,674; Aug. 21.
Governor, Centrifugal-force. G. Rivetta. 1,453,182; Apr. 24.
Governor, Constant-flow. C. R. Houghton. 1,457,074; May 29.
Governor, Electro-mechanical differential. R. B. Goldschmidt and R. Braillard. 1,455,483; May 15.
Governor, Flywheel. R. M. Robinson and J. Bradley, 1,445,715–6; Feb. 20.
Governor for speed-indicating mechanism. E. R. Huntley. 1,445,687; Feb. 20.
Governor for spring motors. E. Elligan. 1,473,476; Nov. 6.
Governor for tractors, Speed. E. Krause. 1,446,051; Feb. 20.
Governor, Motor. W. W. Dean. 1,456,300; May 22.
Governor, Pressure. L. W. Thompson. 1,442,309; Jan. 16.
Governor, Vacuum. R. Burchett. 1,471,380; Oct. 23.
Governor, Windmill. L. C. Vergano. 1,458,865; June 12.
Gown. J. Nemser. Des. 61,984; Feb. 20.
Gown, Hospital. E. McElroy. 1,462,515; July 24.
Grab. D. J. Barnard. 1,477,530; Dec. 18.
Grab hook, Safety. A. Brosious. 1,478,727; Dec. 25.
Grade-crossing block, Automatic. W. L. Griffin. 1,458,051; June 5.
Grade meter. R. G. Day. 1,477,545; Dec. 18.
Grade meter. A. T. Hespe. 1,476,076; Dec. 4.
Grader. E. Aho. 1,476,031; Dec. 4.
Grader. C. A. Hartley and J. R. Mero. 1,466,015; Aug. 28.
Grader. G. E. Ketchum. 1,460,022; June 26.
Grader and ditcher, Road. H. L. Dever. 1,452,365; Apr. 17.
Grader attachment. A. Cimfl. 1,454,725; May 8.
Grader for beams, etc. W. F. Probst. 1,447,628; Mar. 6.
Grader, Road. N. W. Finch. 1,476,881; Dec. 11.
Grader, Wheeled. R. Bollheimer and E. T. Wilkens. 1,460,225; June 26.
Grading and excavating machine. E. S. Knight. 1,472,562; Oct. 30.
Grading and washing heavy material, Apparatus for. E. D. Merwin. 1,448,310; Mar. 13.
Grading apparatus. J. W. Ellenwood. 1,450,145; Mar. 27.
Grading machine. W. A. Contant. 1,470,060; Oct. 9.
Grading machine principally for fruit. J. L. Holland. 1,471,128; Oct. 16.
Grading, Method of and apparatus for. C. J. Hudson and W. C. Broga. 1,478,335; Dec. 18.
Gradometer. F. T. Burns. 1,451,387; Apr. 10.
Gradometer. W. E. Peterson. 1,449,244; Mar. 20.
Graduating appliance. H. N. Halversen. 1,463,317; July 31.
Grain and seed cleaning machine. J. Haughom, and A. N. Foss. 1,444,506; Feb. 6.
Grain and the like, Transport device for. O. E. Johnson. 1,467,041; Sept. 4.
Grain, Apparatus for washing, husking, and polishing wet. S. Steinmetz. 1,464,547; Aug. 14.
Grain bin. D. T. Phillips. 1,443,500; Jan. 30.
Grain binders, Trip for. R. P. Stuan. 1,470,299; Oct. 9.
Grain-binding machine. D. J. Johnson. 1,441,352; Jan. 9.
Grain cleaner. R. H. Owen. 1,441,296; Jan. 9.
Grain-cleaning machine. F. C. Blodgett. 1,477,028; Dec. 11.
Grain-cleaning machine. A. V. Cleland. 1,445,069; Feb. 13.
Grain-cleaning machine. W. M. Farguson. 1,440,726; Jan. 2.
Grain-cutting machine. D. Guelbaum. 1,451,217; Apr. 10.
Grain-cutting machine with automatic scoops. D. Guelbaum. 1,456,003; May 22.
Grain door. W. Dahlen. 1,458,327; June 12.
Grain doors, Fastening means for. T. Rustad. 1,441,376; Jan. 9.
Grain drill. M. Marotz. 1,471,179; Oct. 16.
Grain elevator. W. McMeans. 1,466,724; Sept. 4.
Grain elevator. C. Mettler, sr. 1,455,301; May 15.
Grain elevator. H. R. Straight. 1,450,461; Apr. 3.
Grain, Frame for stacking. S. W. Priebe. 1,457,936; June 5.
Grain germ and scutellum, Treating. D. Chidlow. 1,461,703; July 10.
Grain grader and cleaner. A. E. Frommel. 1,457,734; June 5.
Grain-handling apparatus. J. R. D. Travis. 1,478,269; Dec. 18.
Grain-heading machine. C. C. Forbes. 1,474,251; Nov. 13.
Grain, Harvesting. C. W. Hart. 1,458,936; June 19.
Grain in bulk by electricity, Treating. F. S. Smith. 1,471,423; Oct. 23.
Grain-loading-spout regulator. W. G. Slater. 1,478,921; Dec. 25.
Grain saver. C. F. Kluth. 1,471,269; Oct. 16.
Grain-scouring machine. E. B. Endslow. 1,449,895; Mar. 27.
Grain separator. E. Anderson. 1,464,491; Aug. 14.
Grain separator. C. W. Carter and J. J. Varusky. 1,443,524; Jan. 30.
Grain separator. J. C. Junkin. 1,445,957; Feb. 20.
Grain separator. R. D. Hungerford. 1,442,526; Jan. 16.
Grain separator. H. H. Meyer. 1,458,429; June 12.
Grain separator. A. J. Schlunke. 1,449,553; Mar. 27.
Grain separator. P. H. Vaughn. 1,446,527; Feb. 27.
Grain separator. O. W. Williams. 1,455,693; May 15.
Grain separator. O. W. Williams. 1,460,463; July 3.
Grain separators, Air-adjusting device for. A. H. Spitzenberger. 1,449,071; Mar. 20.
Grain shocker. E. S. Forney. 1,441,076; Jan. 2.
Grain-shocking machine. W. O. Eichenberger. 1,453,242; Apr. 24.
Grain spouts, Indicator for. M. Bobeldyk. 1,459,463; June 19.
Grain sprouter, Sectional. C. C. Newport. 1,463,223; July 31.
Graining tool. P. A. Gstalder. 1,441,919–22; Jan. 9.
Gramophone. A. F. R. Cotton. 1,470,812; Oct. 16.
Gramophone. T. Driscoll. 1,467,612; Sept. 11.
Gramophone. J. Green. 1,470,831; Oct. 16.
Gramophone and like needles, Packing and delivering. C. West. 1,462,056; July 17.
Gramophone apparatus. C. C. Smith. 1,453,196; Apr. 24.
Gramophone, Portable. H. C. King. 1,458,580; June 12.
Gramophone repeating device. A. E. Fisher. 1,457,354; June 5.
Gramophone tone arm. S. Tootill. 1,466,493; Aug. 28.
Gramophones and like machines, Needle or style for. K. H. Perkins. 1,478,795; Dec. 25.
Gramophones and the like, Record for. P. Balke and G. Leysieffer. 1,456,047; May 22.
Grand-stand construction. B. J. Lambert. 1,452,467; Apr. 17.
Granary. H. B. Jones. 1,474,827; Nov. 20.
Granary and elevator construction. J. F. Wittler. 1,466,010; Aug. 28.
Granary, Collapsible. A. Gardon. 1,473,845; Nov. 13.
Granular material, Apparatus for classifying. M. Hokanson. 1,470,531; Oct. 9.
Granular material, Method of and means for separating. B. Bolling, jr. 1,445,197; Feb. 13.
Granular materials, Agglomerating or cementing. T. M. Chance. 1,471,645–6; Oct. 23.
Granular materials, Composition of matter produced by agglomerating or cementing. T. M. Chance. 1,471,647; Oct. 23.
Granular materials, Screening apparatus for. R. A. Leahy. 1,456,067; May 22.
Granular products, Apparatus for drying. N. C. Christensen. 1,453,750; May 1.
Granulator blade. H. R. Straight. 1,441,609; Jan. 9.
Grape crusher. T. Mariani, sr. 1,447,995; Mar. 13.
Grapes and other fruit, Drying. J. M. MacLachlan. 1,476,761; Dec. 11.
Grapefruit corer. C. J. Ulrich. 1,463,233; July 31.
Grapefruit-seeding device. C. H. Boyle. 1,454,311; May 8.
Graphophone cabinet. D. Di Carlo. Des. 62,983; Sept. 4.
Graphophone records, Transportation package for. J. P. and O. J. Karst. 1,462,642; July 24.
Graphophone tone arm. E. O. Klemm. 1,446,566; Feb. 27.
Graphophones, Automatic starting and stopping device for. F. F. Akerly. 1,466,655; Sept. 4.
Grapple. W. A. Clark. 1,473,013; Nov. 6.
Grapple. H. Collins. 1,455,020; May 15.
Grapple. E. Lafreniere. 1,470,327; Oct. 9.
Grapple. I. N. Mercer. 1,472,081; Oct. 30.
Grapple, Pipe. J. G. Zehrer. 1,460,397; July 3.
Grappling device. A. B. Utley. 1,457,198; May 29.
Grappling tool. R. E. Smith. 1,456,943; May 29.
Grasping instrument. F. Bonser. 1,453,543; May 1.
Grass catcher. C. A. Swanson. 1,448,880; Mar. 20.
Grass destroyer, Quack-. P. M. Jorgensen. 1,448,121; Mar. 13.
Grass digger, Quack-. C. Sievert. 1,470,393; Oct. 9.
Grass-digging implement. W. L. Foss. 1,454,580; May 8.
Grass eradicator, Quack-. W. E. Rowe. 1,458,441; June 12.
Grass trimmer. J. C. Jones and A. C. Kreutzer. 1,445,515; Feb. 13.
Grate. E. A. Barfield. 1,467,702; Sept. 11.
Grate. C. E. Howard. 1,459,467; June 19.

Grate. G. A. MacKenzie. 1,457,377; June 5.
Grate. J. Muller. Des. 63,310; Nov. 20.
Grate. G. M. Smith. 1,452,897; Apr. 24.
Grate. J. A. Stackhouse. 1,458,012; June 5.
Grate and system, Screening-burning. E. F. Senglaup. 1,476,186; Dec. 4.
Grate and water heater, Combined. F. F. Kirgesner. 1,445,517; Feb. 13.
Grate apparatus, Extension. G. W. Ruggles. 1,452,314; Apr. 17.
Grate, Balanced hollow blast stoker. P. Kinander. 1,442,530; Jan. 16.
Grate bar. A. F. Frattinger. 1,474,818; Nov. 20.
Grate bar. A. M. Masser. 1,475,159; Nov. 20.
Grate bar. A. J. Naquin. 1,468,209; Sept. 18.
Grate bar. W. A. Victor. 1,452,130; Apr. 17.
Grate bar, Furnace. H. J. Webster. 1,464,190; Aug. 7.
Grate bar, Hollow-blast. T. L. La Malta. 1,460,254; June 26.
Grate basket. E. A. Barfield. 1,443,612; Jan. 30.
Grate, Boiler. C. C. Fulghum. 1,457,517; June 5.
Grate-burning process with separate distillation and combustion of the fuel, Direct-combination. B. Meyer. 1,443,632; Jan. 30.
Grate, Camp. A. W. Steen. 1,473,056; Nov. 6.
Grate, Chain. E. L. Brown, jr. 1,455,040; May 15.
Grate, Chain. R. S. Geare. 1,454,965; May 15.
Grate construction. S. N. Fleming. 1,461,443; July 10.
Grate construction. C. A. Shively. 1,456,835; May 29.
Grate, Furnace. E. R. Anderson. 1,459,870; June 26.
Grate, Furnace. H. Benton. 1,456,418; May 22.
Grate, Furnace. G. C. Ehrbar. 1,453,093; Apr. 24.
Grate, Furnace. H. B. Holt. 1,476,337; Dec. 4.
Grate, Furnace. H. F. Morris. 1,443,496; Jan. 30.
Grate, Furnace. R. E. Sturman. 1,462,393; July 17.
Grate, Gas. H. C. Crouse. Des. 61,892; Feb. 6.
Grate, Hand-stoker dump. L. H. Simmons. 1,440,939; Jan. 2.
Grate, Rocking and dumping. C. E. Babbitt. 1,457,416; June 5.
Grate, Sectional water. H. F. Morris. 1,456,521; May 29.
Grate shaker, Furnace-. O. P. Nystrom. 1,456,707; May 29.
Grate, Shaking and dumping. J. E. Hancock. 1,460,242; June 26.
Grate, Stoking. W. B. McBurney. 1,459,980; June 26.
Grate structure. J. G. Gibson, jr. 1,473,846; Nov. 13.
Grate structure, Furnace-. T. Abel. 1,452,584; Apr. 24.
Grate support, Mechanical stoking. V. MacKay. 1,454,324; May 8.
Grate, Underfeed traveling. H. E. Kleffel. 1,477,268; Dec. 11.
Grater. T. Fitz Patrick. 1,454,579; May 8.
Grater. J. I. Robin. 1,457,228; May 29.
Grater, Vegetable. L. Leitman. 1,475,839; Nov. 27.
Grates and utilizing same, Fuel-saving cover sheet for. J. P. Evans. 1,444,176; Feb. 6.
Grates, Stove attachment for. W. S. Cobb. 1,444,903; Feb. 13.
Grating. M. Lachman. 1,445,401; Feb. 13.
Grave marker. P. C. Biersach. 1,466,112; Aug. 28.
Grave marker. B. R. Weir. Des. 62,049–50; Mar. 13.
Grave marker and flag holder, Combined. G. G. Jones. Des. 62,288; May 1.
Grave protector. L. Dwight. Des. 62,815; Aug. 7.
Graves and the like, Marker for. C. C. Beck. 1,444,449; Feb. 6.
Gravel dump. T. A. Hartung. 1,459,766; June 26.
Gravel, Process and apparatus for removing foreign matter from. E. A. Lansrud. 1,442,227; Jan. 16.
Gravel-screening plants, Hopper for. F. J. Hill, sr. 1,443,181; Jan. 23.
Gravity conveyer. C. E. Fuller. 1,470,558; Oct. 9.
Gravity-correction device. W. R. Hounsell. 1,456,926; May 29.
Gravity drop. J. Downie. 1,459,950; June 26.
Gravity lock. J. B. Milton. 1,447,144; Feb. 27.
Gravity of rotary bodies with respect to the axis of rotation, Determining the position of the center of. W. H. Martin. 1,475,848; Nov. 27.
Grease and oil dispenser, High-pressure. J. B. Hayden, J. Morris, and H. C. George. 1,467,157; Sept. 4.
Grease carton. O. A. Rice. 1,474,118; Nov. 13.
Grease containers, Portable holder for. A. M. McSpadden. 1,448,140; Mar. 13.
Grease cup. R. L. Barrett. 1,444,362; Feb. 6.
Grease cup. C. C. Hamilton. 1,445,587; Feb. 13.
Grease cup. R. Hunt and L. D. Freeman. 1,454,892; May 15.
Grease cup. W. P. Koepfler. 1,461,665; July 10.
Grease cup. B. S. Lewis. 1,456,888; May 29.
Grease cup. A. P. Lieder and J. F. Smith. 1,466,024; Aug. 28.
Grease cup. J. Owens. 1,467,646; Sept. 11.
Grease cup. J. Owens. 1,468,918–19; Sept. 25.
Grease cup. F. Smith. 1,449,016; Mar. 20.
Grease cup and container, Compression. W. P. Koepfler. 1,448,595; Mar. 13.
Grease cup, Hard-. F. C. Grant. 1,450,773; Apr. 3.
Grease cups, Caps for. W. H. Durant. 1,461,383; July 10.
Grease cups or plugs, Anchor for. L. H. Stroud. 1,474,300; Nov. 13.
Grease dispenser. W. F. Stohlman. 1,459,606; June 19.
Grease interceptor. S. L. Marsh. 1,474,938; Nov. 20.
Grease, Means for distributing lubricating. W. Metzger. 1,457,380; June 5.
Greaseproofing composition and fibrous material treated thereby. W. L. Wright. 1,454,421; May 8.
Grease retainer. S. R. Morden. 1,464,770; Aug. 14.
Grease retainer. M. W. Pauling. 1,452,755; Apr. 24.
Greenhouse and conservatory. P. J. Foley. 1,472,120; Oct. 30.
Greenhouses, Reenforced rafter for. P. L. McKee. 1,476,990; Dec. 11.
Grid leak. E. L. Powell and C. E. Motto. 1,453,724; May 1.
Grid resistance. L. Satchwell. 1,467,952; Sept. 11.
Grill. H. C. Mieville. 1,450,381; Apr. 3.
Grill, Cooking. M. Tocchio. 1,451,971; Apr. 17.
Grinder. E. Bockshe. 1,464,595; Aug. 14.
Grinder. G. S. Dey. 1,465,117; Aug. 14.
Grinder. C. H. Stanfield. 1,457,092; May 29.
Grinder. S. Vengrin and J. M. Johnson. 1,466,216; Aug. 28.
Grinder attachment, Meat. J. Lobojok. 1,442,676; Jan. 16.
Grinder, Blade. E. S. Ensign. 1,444,374; Feb. 6.
Grinder, Clinker. R. S. Riley. 1,441,027; Jan. 2.
Grinder, Centerless. M. O. Reeves. 1,456,462; May 22.
Grinder, Portable. C. R. Ross. 1,464,728; Aug. 14.
Grinder, Power-driven. W. E. Kidney. 1,463,324; July 31.
Grinder regulator system. C. A. Boddie. 1,442,041–2; Jan. 16.
Grinder, Shears. D. Ferguson, and A. T. Scheiwer. 1,444,598; Feb. 6.
Grinder, Universal multiple-speed. C. H. Beach. 1,443,453; Jan. 30.
Grinders, Bushing for automatic. A. E. White. 1,456,477; May 22.
Grinders, Friction feed mechanism for surface. R. G. Pollock. 1,446,271; Feb. 20.
Grinding and boring machine. V. Bartley and J. B Worthington. 1,460,342; June 26.
Grinding and lapping machine. F. C. Weaver. 1,451,089; Apr. 10.
Grinding and other machines, Dividing head for. H. F. L. Orcutt. 1,442,537; Jan. 16.
Grinding and polishing machine. R. E. Bole. 1,442,381; Jan. 16.
Grinding and truing machine, Wheel. J. C. Price. 1,451,958; Apr. 17.
Grinding apparatus. R. E. Fosdick. 1,455,286; May 15.
Grinding art. J. H. and J. Macartney. 1,441,162; Jan. 2.
Grinding bar. J. R. Halterman. 1,470,164; Oct. 9.
Grinding body and producing same. G. R. Hanks. 1,451,335; Apr. 10.
Grinding device. H. E. Rosenkranz. 1,464,219; Aug. 7.
Grinding devices, Guide for. M. P. Schmitt. 1,461,985; July 17.
Grinding disk. F. G. B. Rödel. 1,449,956; Mar. 27.
Grinding disk. O. Schifferdecker. 1,449,958; Mar. 27.
Grinding disks, Truing device for. J. R. Beckett. 1,463,033; July 24.
Grinding machine. U. Anderson. 1,460,934; July 3.
Grinding machine. H. S. Bergen. 1,466,872; Sept. 4.
Grinding machine. H. and R. Buckley. 1,451,647; Apr. 10.
Grinding machine. L. W. Bugbee. 1,459,569; June 19.
Grinding machine. J. A. Burns. 1,461,514; July 10.
Grinding machine. P. De Mattia. 1,474,321; Nov. 13.
Grinding machine. L. J. Cooney. 1,446,640; Feb. 27.
Grinding machine. R. W. Ellingham and C. E. Van Norman. 1,445,875; Feb. 20.
Grinding machine. V. J. Emery. 1,458,528; June 12.
Grinding machine. W. F. Fraser. 1,470,605; Oct. 16.
Grinding machine. F. M. Furber. 1,445,676; Feb. 20.
Grinding machine. R. D. Gardner. 1,465,762; Aug. 21.
Grinding machine. R. Hervig. 1,452,509; Apr. 24.
Grinding machine. L. E. Jolls. 1,443,415; Jan. 30.
Grinding machine. J. Koziel. 1,475,495; Nov. 27.
Grinding machine. J. H. Letz. 1,440,475; Jan. 2.
Grinding machine. H. Lutz. 1,464,950; Aug. 14.
Grinding machine. J. T. McGrath. 1,460,724; July 3.
Grinding machine. E. W. Mikaelson and A. A. Neave. 1,462,420; July 17.
Grinding machine. C. H. Norton. 1,443,924; Jan. 30.
Grinding machine. S. H. Norton. 1,447,263; Mar. 6.
Grinding machine. W. C. Osterholm. 1,462,653; July 24.
Grinding machine. J. E. Perrault. 1,453,175; Apr. 24.
Grinding machine. O. F. Presbrey. 1,463,335; July 31.
Grinding machine. M. O. Reeves. 1,440,795–6; Jan. 2.
Grinding machine. H. H. Richardson. 1,475,085; Nov. 20.
Grinding machine. K. Rosak. 1,473,520; Nov. 6.
Grinding machine. W. J. Smith. 1,440,639; Jan. 2.
Grinding machine. W. Taylor. 1,467,518; Sept. 11.
Grinding machine. F. C. Weaver. 1,471,430–1; Oct. 23.
Grinding machine. A. E. Westman. 1,477,158; Dec. 11.
Grinding machine. O. Willson. 1,467,023; Sept. 4.
Grinding machine, Bur-. J. Northrop, G. E. Kilburn, P. P. Pessotti, and E. L. Tucker. 1,446,654; Feb. 27
Grinding machine, Button-blank-. H. H. Knott, C. J. Jungbluth, and E. B. Hammer. 1,448,969; Mar. 20.

Grinding machine, Commutator-. M. Mauran. 1,446,982; Feb. 27.
Grinding machine, Cylinder-. G. E. Robinson. 1,441,242; Jan. 9.
Grinding machine, Electrically-driven. H. W. Dunbar. 1,466,893; Sept. 4.
Grinding machine, Internal-. J. N. Heald and A. M. Drake. 1,468,151; Sept. 18.
Grinding machine, Portable. R. W. Opfel. 1,471,412; Oct. 23.
Grinding machine, Roller-. J. Ferencz. 1,475,693; Nov. 27.
Grinding machine, Surface-. C. Knowles. 1,458,623; June 12.
Grinding machine, Surface-. T. Lumsden. 1,478,971; Dec. 25.
Grinding machine, Twist-drill-point-. H., H. W., and P. Hunt. 1,448,746; Mar. 20.
Grinding machines, Abrasive-wheel chuck for. F. E. Gardner. 1,461,184; July 10.
Grinding machines, Head adjustment for. A. Williams. 1,475,614; Nov. 27.
Grinding machines, Rest plate and fulcrum for. A. Pizzino. 1,477,151; Dec. 11.
Grinding machines, Steady rest for. A. R. Fors. 1,449,507; Mar. 27.
Grinding machines, Tool holder for. A. E. Maynard. 1,448,694; Mar. 13.
Grinding machines, Work support for roll-. C. H. Norton and A. Turner. 1,451,467; Apr. 10.
Grinding mill. J. S. Bartley. 1,457,487; June 5.
Grinding mill. W. C. Eggert. 1,449,582; Mar. 27.
Grinding mill. W. A. Gibson and C. E. Needham. 1,466,433; Aug. 28.
Grinding mill. W. A. Gibson and C. E. Needham. 1,473,341; Nov. 6.
Grinding mill. A. P. Grohens. 1,465,666; Aug. 21.
Grinding mill. W. N. Hartshorn. 1,465,713; Aug. 21.
Grinding mill. S. C. Roberts. 1,443,276; Jan. 23.
Grinding mill. J. P. Ruth, jr. 1,453,408; May 1.
Grinding mill for rocks, ores, and like material. E. H. Moyle. 1,477,376; Dec. 11.
Grinding or crushing machine. G. H. Fraser. 1,451,155; Apr. 10.
Grinding or crushing machine. D. J. G. Miller and R. A. Lloyd. 1,452,088; Apr. 17.
Grinding or polishing roller. C. G. Herder. 1,444,314; Feb. 6.
Grinding or polishing tool, Rotary. E. Cavicchi. 1,470,957; Oct. 16.
Grinding purposes, Jig for. K. Williams. 1,453,737; May 1.
Grinding taps, Mechanism for. J. Bath. 1,469,985; Oct. 9.
Grinding tool. F. Schimmel. 1,443,150; Jan. 23.
Grinding wheel. B. F. Howard. 1,476,515; Dec. 4.
Grinding wheel, Household. S. A. Strzelczyk. 1,448,422; Mar. 13.
Grinding-wheel test device. H. H. La Vercombe. 1,446,977; Feb. 27.
Grinding-wheel-truing device. V. M. Tuthill. 1,464,959; Aug. 14.
Grinding wheels, Automatic guard for. M. W. Meuhlhauser. 1,447,996; Mar. 13.
Grinding wheels, Dressing tool for. T. Larsson. 1,455,213; May 15.
Grinding wheels, Process and apparatus for classifying. C. E. Gillett. 1,478,333; Dec. 18.
Grindstone. I. F. Nelson. 1,448,857; Mar. 20.
Grindstone. I. F. Nelson. 1,460,171; June 26.
Grip, Burglarproof. J. R. Landis. 1,454,546; May 8.
Grip choke control, Friction-. A. W. Kaufman. 1,454,238; May 8.
Grip, Clothesline. H. H. Podjus. 1,456,712; May 29.
Grip, Comfort. H. M. Tennant. 1,469,125; Sept. 25.
Grip cover. J. A. Hagerstrom. 1,454,237; May 8.
Grip handle, Attachable. L. S. Whitehead. 1,470,040; Oct. 9.
Grip mechanism. T. M. Collins. 1,446,881; Feb. 27.
Gripper. C. W. Burroughs. 1,471,448; Oct. 23.
Gripping, bending, or cutting operations, Hand tool for. R. L. B. Rathbone and C. Morton. 1,445,710; Feb. 20.
Gripping device. L. J. Black. 1,443,673; Jan. 30.
Gripping device or clasp. A. O. Vestine. 1,464,374; Aug. 7.
Ground clamp. G. Lipschutz. 1,458,533; June 12.
Ground clearing and aerating machine. J. E. Moore. 1,468,388; Sept. 18.
Groundworking implements, Power lift for. D. M. Watters. 1,452,716; Apr. 24.
Grooving and strip-inserting machine, Automatic. E. S. Daniels. 1,471,246; Oct. 16.
Grouser. R. C. Hawkins and E. S. Hixson. 1,453,872; May 1.
Grouser. J. D. Horton. 1,468,204; Sept. 18.
Grubber and leveler, Brush. E. C. Leak. 1,469,517; Oct. 2.
Guard. L. and E. A. Happ. 1,478,953; Dec. 25.
Guard, Handrail. M. H. Hickey. 1,444,608; Feb. 6.
Guard, Safety. J. C. Merwin. 1,467,186; Sept. 4.
Guard, Safety. H. Miller. 1,455,800; May 22.
Guard-rail chair. B. J. Fallon. 1,463,943; Aug. 7.
Gudgeon. W. T. Melton. 1,445,531; Feb. 13.
Guide. M. E. Clark. 1,473,465; Nov. 6.
Guide bar for guide cards. F. E. Kunkel. 1,465,827; Aug. 21.
Guide stud and removing key, Cylinder-head. A. G. Burdick. 1,453,913; May 1.
Guide, Tourist's. P. P. Gobberdiel. 1,471,481; Oct. 23.
Guitar. F. F. Gerl. Des. 62,165; Apr. 3.
Guitar and the like. J. Pribyl. 1,472,991; Nov. 6.
Guitars and similar instruments, Nut for. T. B. Lambert and L. E. Lively. 1,475,345; Nov. 27.
Gum and making same, Synthetic. J. McIntosh. 1,448,556; Mar. 13.
Gumming and conveying blanks, Machine for. C. H. Nitsch and T. A. Federwitz. 1,472,614; Oct. 30.
Gumming machine. A. T. Walraven. 1,462,838; July 24.
Gun. R. H. Arntzen. 1,448,587; Mar. 13.
Gun. T. A. Brandon. 1,449,033; Mar. 20.
Gun. J. Lund. 1,441,102; Jan. 2.
Gun. H. J. Johnson. 1,476,715; Dec. 11.
Gun, Air. G. B. Keil. 1,464,610; Aug. 14.
Gun. C. A. F. Maze, dit D. Maze. 1,450,558; Apr. 3.
Gun, Air. B. W. Punches. 1,458,147; June 12.
Gun, Air. E. S. Roe. 1,477,770; Dec. 18.
Gun and ammunition therefor. M. F. Béhar. 1,470,591; Oct. 16.
Gun and carton, Grease. O. H. Watson. 1,475,417; Nov. 27.
Gun and feeding same, Centrifugal machine. J. T. McNaier. 1,472,080; Oct. 30.
Gun and the manufacture thereof, Breech-loading sporting. B. Rose. 1,467,502; Sept. 11.
Gun, Antiaircraft machine. P. A. Dupca. 1,443,249; Jan. 23.
Gun, Automatic. A. T. Dawson, G. T. Buckham, and C. A. Larsson. 1,468,262; Sept. 18.
Gun, Automatic. G. O. Fisher. 1,475,761; Nov. 27.
Gun, Automatic. C. G. Swebilius. 1,444,890; Feb. 13.
Gun, Automatic. C. G. Swebilius. 1,450,653; Apr. 3.
Gun barrel. W. Heine. 1,467,159; Sept. 4.
Gun barrels, Assemblage device for sporting-. P. and M Fabry. 1,468,902; Sept. 25.
Gun barrels, Expanding and smoothing the bores in. M. Anderson. 1,455,771; May 22.
Gun barrels, Method of and means for forming. C. C. Loomis. 1,461,129; July 10.
Gun, Breech-loading single-barrel. F. Le Fever. 1,471,900; Oct. 23.
Gun breeches, Plastic obturator for. E. Schneider. 1,460,683; July 3.
Gun, Bomb-projecting. E. Bebler. 1,478,597; Dec. 25.
Gun carriage. B. P. Joyce. 1,447,085; Feb. 27.
Gun carriage, Central-pivot. E. Schneider. 1,477,980; Dec. 18.
Gun carriage having a cranked carriage axle. E. Schneider. 1,476,849; Dec. 11.
Gun carriage having cranked axletrees. E. Schneider. 1,459,800; June 26.
Gun carriage having divergible trail, Wheeled. E. Schneider. 1,451,848; Apr. 17.
Gun carriage having divergible trails, Wheeled. E. Schneider. 1,460,505; July 3.
Gun carriages, Trail for. B. P. Joyce. 1,473,628; Nov. 13.
Gun carriages, Traveling lock for. B. P. Joyce. 1,475,952; Dec. 4.
Gun cleaning and oiling rod. J. A. Heiman. 1,450,037; Mar. 27.
Gun, Cleaning-process. F. M. Hilgerink. 1,461,824; July 17.
Gun control, Automatic advance for synchronizing. H. O. Russell and C. L. Paulus. 1,471,359; Oct. 23.
Gun cylinders, Device for preventing relative rotation of. R. C. Morgan. 1,466,800; Sept. 4.
Gun due to the oblique position of the axis of the horizontal trunnion, Apparatus for compensating the inacuracy in training a. W. Akemann. 1,445,192; Feb. 13.
Gun filler, Grease-. E. Nolan and C. W. Walters. 1,471,056; Oct. 16.
Gun, Flash-light. F. Schorik. 1,460,214; June 26.
Gun, Gasoline. E. M. Thomas. 1,463,518; July 31.
Gun, Gopher. R. F. Armstrong. 1,464,861; Aug. 14.
Gun, Grease. C. E. Bown. 1,454,574; May 8.
Gun, Grease. J. B. Davis. 1,449,219; Mar. 20.
Gun, Grease. A. J. Farmer. 1,471,330; Oct. 23.
Gun, Grease. F. E. Kronenbitter. 1,469,308; Oct. 2.
Gun, Grease. C. R. Miller. 1,457,988; June 5.
Gun, Grease. J. M. Mills. 1,451,446; Apr. 10.
Gun, Grenade. A. G. Bergman. 1,445,126; Feb. 13.
Gun, Insect-powder. S. Bernstein. 1,451,138; Apr. 10.
Gun, Line-throwing. J. H. Sayres. 1,449,449; Mar. 27.
Gun, Lubricant. G. A. Pettit. 1,467,649; Sept. 11.
Gun, Machine. A. T. Dawson, G. T. Buckham, and G. D. Haskell. 1,453,974; May 1.
Gun, Machine. A. T. Dawson and G. T. Buckham. 1,456,625–6; May 29.
Gun, Machine. E. Fowler. 1,451,443; Apr. 10.
Gun, Machine. G. Hazelton. 1,447,246; Mar. 6.
Gun, Machine. J. T. Kewish. 1,472,126; Oct. 30.
Gun, Machine. E. Ludorf. 1,446,388; Feb. 20.
Gun, Machine. J. C. R. McCrudden. 1,452,123; Apr. 17.
Gun, Machine. A. Miskunas. 1,441,517; Jan. 9.
Gun, Machine. E. L. A. Paumier. 1,444,849; Feb. 13.

Gun, Machine. R. L. Wright. 1,444,768; Feb. 6.
Gun mount with remote control. H. B. Inglis. 1,471,398; Oct. 23.
Gun mounted on double trailed carriage. E. Schneider. 1,443,048; Jan. 23.
Gun mounting and other mechanism, Control system for. A. L. Perham. 1,472,885; Nov. 6.
Gun mounts, Detachable tractor for unit. P. E. Holt. 1,442,570; Jan. 16.
Gun, pistol, and the like. C. E. Weiss. 1,464,895; Aug. 14.
Gun, Pneumatic grease. L. W. Greve. 1,458,698: June 12.
Gun, Recoil. H. Romberg. 1,461,561; July 10.
Gun rest for sportsmen. G. Thompson. 1,469,285; Oct. 2.
Gun sight. E. E. Gregory. 1,476,884; Dec. 11.
Gun sight. H. H. Jones. 1,442,952; Jan. 23.
Gun sight. J. R. Mapes. 1,451,584; Apr. 10.
Gun sight. C. A. Nelson. 1,464,615; Aug. 14.
Gun sight. E. D. Tillyer. 1,442,015; Jan. 9.
Gun, Spray. L. L. Tirrell. 1,465,194; Aug. 14.
Gunstock, Adjustable. J. F. Caretto. 1,468,354; Sept. 18.
Gun, Testing the recuperative power in a. W. C. Palmer. 1,469,240; Oct. 2.
Gun, Walking-stick machine. H. Renard. 1,474,292; Nov. 13.
Gun with recoiling barrels, Double-barreled machine. C. Gast. 1,477,115; Dec. 11.
Guns, Actuator for machine. M. L. Johnston. 1,452,465; Apr. 17.
Guns, Aiming-tube adapter for quick-firing. A. T. Dawson and G. T. Buckham. 1,441,837; Jan. 9.
Guns and the like, Apparatus for the long-distance adjustment of. P. Kaminski. 1,470,748; Oct. 16.
Guns and the like, Teleadjuster for. P. Kaminski. 1,470,369; Oct. 9.
Guns, Attachment for gas-operated. S. G. Green. 1,445,583; Feb. 13.
Guns, Cartridge-feeding mechanism for machine. M. L. Johnston. 1,460,800; July 3.
Guns, Cartridge magazine for machine. J. S. Johnston. 1,447,860; Mar. 6.
Guns, Charging device for machine. C. L. Paulus. 1,471,348; Oct. 23.
Guns, Cocking mechanism for automatic machine. J. S. Johnston. 1,447,861; Mar. 6.
Guns, Fire-control apparatus for naval. J. B. Henderson. 1,464,608; Aug. 14.
Guns, Fire-direction apparatus for naval. W. Akemann. 1,445,191; Feb. 13.
Guns, Firing mechanism for. E. Schneider. 1,443,047; Jan. 23.
Guns, Flashlight attachment for. J. P. Hise. 1,456,440; May 22.
Guns having multiple barrels, Closing device for. E. Schneider. 1,443,046; Jan. 23.
Guns, Loading cartridge for grease. C. E. Roberts. 1,451,114; Apr. 10.
Guns mounted on endless tracks for varying the height of the line of fire of the gun, Apparatus in and relating to trail-carriage. E. Schneider. 1,477,979; Dec. 18.
Guns, Mounting for small-caliber. G. H. Challenger. 1,443,677; Jan. 30.
Guns, Operating slide and handle for machine. W. T. Gorton. 1,460,415; July 3.
Guns or like small arms for miniature ammunition practice or use, Means or device for adapting sporting. A. N. Tucker. 1,468,891; Sept. 25.
Guns or the like, Barrel-attaching device for grease. A. J. Wood. 1,471,085; Oct. 16.
Guns, Refill cartridge for lubricant. A. E. Simmons. 1,444,483; Feb. 6.
Guns, Standard for machine. J. S. Johnston and V. H. Czegka. 1,441,285; Jan. 9.
Guns, Turret mounting for heavy. A. T. Dawson and J. Horne. 1,457,924; June 5.
Guns, Ventilated hand protector for. F. L. Baily. 1,451,137; Apr. 10.
Gutter end piece. T. Rigby. 1,460,733; July 3.
Gutter hanger. W. F. Morhoff. 1,472,612; Oct. 30.
Gutter hanger. M. Rachlin. 1,478,837; Dec. 25.
Guttiform section. C. Dornier. 1,452,961; Apr. 24.
Gypsum-calcining apparatus. S. E. and F. E. Townley. 1,446,863; Feb. 27.
Gypsum, Dehydrating. F. B. Stuart and C. A. Rivers. 1,463,913; Aug. 7.
Gypsum, Making plastic. R. E. Haire. 1,457,161; May 29.
Gyroscope. H. Hort. 1,446,348; Feb. 20.
Gyroscope steering mechanism. W. Dieter. 1,440,822; Jan. 2.
Gyroscopes, Controlling mechanism for stabilizing. H. L. Tanner. 1,456,744; May 29.
Gyroscopes, Horizontal bearing for. E. A. Sperry, jr. 1,452,483; Apr. 17.
Gyroscopic apparatus. J. G. Gray. 1,442,799; Jan. 23.
Gyroscopic navigational apparatus. E. A. Sperry. 1,445,805; Feb. 20.
Gyroscopic precession, Suppression of. H. Sundhaussen. 1,465,532; Aug. 21.
Gyroscopic top and making same. J. C. Forster. 1,451,818; Apr. 17.
Gyrostat, Electric. A. H. McComiskey, jr. 1,469,094; Sept. 25.
Hæmocytometer and making the same. E. D. Brooker. 1,474,812; Nov. 20.
Hair-bobbing device. P. A. McLaughlin. 1,457,257; May 29.
Hair clipper. W. E. Gray. 1,442,800; Jan. 23.
Hair clipper. W. E. Gray. 1,446,559; Feb. 27.
Hair clipper. F. L. Gray. Re15,660; July 24.
Hair clipper. C. F. Lewis. 1,473,238; Nov. 6.
Hair clipper. C. Nannini. 1,451,175; Apr. 10.
Hair clipper. C. H. Redman. 1,445,041; Feb. 13.
Hair clipper. W. H. Redman. 1,461,326; July 10.
Hair clipper. A. B. Tabor. 1,441,132; Jan. 2.
Hair-clipper blade. C. O. Connor. 1,458,326; June 12.
Hair clipper, Vibratory. A. C. Reid. 1,446,210; Feb. 20.
Hair comb. R. R. Cotton. 1,467,533; Sept. 11.
Hair comb. J. H. Stone. 1,469,450; Oct. 2.
Hair, Comb for straightening. F. E. White. 1,442,575; Jan. 16.
Hair comb, Sectional. J. Dunner. 1,447,287; Mar. 6.
Hair crimper. J. F. Donnelly. 1,460,126; June 26.
Hair crimper and curler. F. H. Griffith. 1,465,127; Aug. 14.
Hair curler. L. G. Agostini. 1,463,028; July 24.
Hair curler. E. E. Baldwin. 1,454,718; May 8.
Hair curler. O. W. Brenizer. 1,445,266; Feb. 13.
Hair curler. E. Calkins. 1,453,971; May 1.
Hair curler. F. G. Conine. 1,475,796; Nov. 27.
Hair curler. J. D. Coughlin. 1,462,484; July 24.
Hair curler. F. L. Fister. 1,442,260; Jan. 1.
Hair curler. W. A. Gill. 1,457,698; June 5.
Hair curler. P. Glamzo. 1,458,176; June 12.
Hair curler. W. C. Gruss. 1,458,052; June 5.
Hair curler. A. C. Heathcote. 1,465,216; Aug. 14.
Hair curler. G. C. Lewis. 1,463,746. July 31.
Hair curler. O. D. McClintock. 1,459,228; June 19.
Hair curler. O. D. McClintock. 1,461,533; July 10.
Hair curler. J. Ranz. 1,455,659; May 15.
Hair curler. A. W. Rossberg. 1,455,148; May 15.
Hair curler. P. Sinclair. 1,457,191; May 29.
Hair curler. H. L. Skinner. 1,476,189; Dec 4.
Hair curler. O. L. Smith. 1,466,254; Aug. 28.
Hair curler. W. W. Stumph. 1,450,523; Apr. 3.
Hair curler. A. A. West. 1,447,742; Mar. 6.
Hair curler. J. O. Winks. 1,457,099; May 29.
Hair curler and waver. A. F. Bystrom. 1,474,509; Nov. 20.
Hair curlers and employed in the art of undulation, Method and means for squeezing tubes of paper containing. L. Agostini. 1,471,582; Oct. 23.
Hair curlers, Portable heater for. C. M. Sheridan. 1,444,140; Feb. 6.
Hair curling and waving device. L. Smithson. 1,440,503; Jan. 2.
Hair-curling device. J. Goldsmith, jr. 1,440,593; Jan. 2.
Hair-curling device. J. Krysztofiak. 1,474,334; Nov. 13.
Hair-curling device. Z. Popin. 1,447,998; Mar. 13.
Hair cutter. J. M. Angeletti. 1,445,057; Feb. 13.
Hair cutter, Adjustable safety. M. M. Sellers. 1,476,672; Dec. 4.
Hair cutter, Motor-spring. A. J. Czarnecki. 1,466,613; Aug. 28.
Hair cutter, Safety. J. L. McElroy. 1,471,970; Oct. 23.
Hair-cutting device. H. Froh. 1,456,432; May 22.
Hair-cutting device. J. Gierlaski. 1,446,383; Feb. 20.
Hair-cutting device. N. S. Owen. 1,465,455; Aug. 21.
Hair-cutting device. R. A. Smith. 1,454,458; May 8.
Hair-cutting, shaving, or combing device. C. F. Gaunt. 1,473,404; Nov. 6.
Hair, Device for waving natural. C. Nessler. 1,453,802; May 22.
Hair, Device for producing waves in the. G. W. Turpin. 1,452,577; Apr. 24.
Hairdresser's comb. L. J. P. Crooms. 1,462,167; July 17.
Hair-dressing chair. W. F. Koken. Des. 62,825–6; Aug. 7.
Hairdressing device. L. Hicks. 1,454,641; May 8.
Hair-dressing-mirror device. E. E. Stanfield. 1,451,236; Apr. 10.
Hair drier. J. H. Cannon. 1,478,635; Dec. 25.
Hair drier, Electric. R. H. Brown. 1,454,151; May 8.
Hair-drying apparatus. E. M. Erb. 1,466,093; Aug. 28.
Hair, Electric heating apparatus for waving or curling the. E. F. Suter. 1,456,343; May 22.
Hair, Electric oven for. A. M. Wright. 1,455,696; May 15.
Hair extender. G. Donlin. 1,448,204; Mar. 13.
Hair fastener. T. W. Saul. 1,441,820; Jan. 9.
Hair, Form for dressing. M. Russo. 1,444,040; Feb. 6.
Hair goods, Apparatus for manufacturing. T. Charles. 1,454,956; May 15.
Hair-growth-removing implement for nostrils and ears. J. P. Carey. 1,470,527; Oct. 9.
Hair holder and roll, Bobbed-. H. Hoffman. 1,474,474; Nov. 20
Hair iron. J. P. Caneavri. 1,465,838; Aug. 21.
Hair net. J. Oppenheim. 1,453,168; Apr. 24.
Hair net. C. R. Pieper. 1,467,559; Sept. 11.
Hair-net container. H. Meuer. 1,475,130; Nov. 20.
Hair net, Marcel. E. W. Pruitt. 1,442,094; Jan. 16.
Hair or fiber, Edge-forming machine for sheets of. F. Maussner and I. B. Ritter. 1,446,475; Feb. 27.

Hair or the like. Power-driven implement for cutting. W. G. Shelton. 1,455,274; May 15.
Hairpin. E. E. Breeding. 1,447,409; Mar. 6.
Hairpin. H. R. Baylis. 1,450,785; Apr. 3.
Hairpin. W. S. Bechtold. 1,450,239; Apr. 3.
Hairpin. J. B. Dobschutz. 1,456,541; May 29.
Hairpin. F. V. Kosatka and E. Stepkal. 1,471,612; Oct. 23.
Hairpin. J. C. Kucewicz. 1,451,397; Apr. 10.
Hairpin. A. J. Patten. 1,464,187; Aug. 7.
Hairpin. I. R. Skinner. 1,471,576; Oct. 23.
Hairpin blanks and the like, Machine for feeding and pointing. E. R. Person. 1,476,416; Dec. 4.
Hairpin container. E. B. Dewey. 1,453,756; May 1.
Hairpin container. S. H. Goldberg. 1,454,636; May 8.
Hairpin holder. F. W. Alling. 1,465,619; Aug. 21.
Hairpins, Forming. M. A. Fishel. 1,461,728. July 17.
Hair, Process and apparatus for permanent undulation of. P. F. M. Robbin. 1,456,830; May 29.
Hair roll or puff. M. C. Damon. 1,450,491; Apr. 3.
Hair-treating device. M. Goldsby. 1,441,678; Jan. 9.
Hair trimmer and safety razor, Combination. W. H. Burns. 1,477,689; Dec. 18.
Hair-trimming gauge. W. A. Wright. 1,471,768; Oct. 23.
Hair waver. W. C. Haberkamp. 1,472,561; Oct. 30.
Hair waver. J. A. Hartvig. 1,457,836; June 5.
Hair waver. H. G. and G. B. Hoffmann. 1,454,281; May 8.
Hair waver. H. H. Klein. 1,442,434; Jan. 16.
Hair waver. W. E. and E. G. Phillips and A. R. Thomson. 1,476,176; Dec. 4.
Hair waver. L. Radcliffe. 1,467,498; Sept. 11.
Hair waver, Permanent. S. S. Rand. 1,447,886; Mar. 6.
Hair wavers, Machine for making. E. G. Loomis. 1,459,782; June 26.
Hair-waving apparatus. O. Schaumberg. 1,473,977; Nov. 13.
Hair-waving appliance. R. Bové. 1,471,880–1; Oct. 23.
Hair-waving comb. C. Laufe. 1,450,860; Apr. 3.
Hair-waving device. H. Jacobs. 1,477,873; Dec. 18.
Hair-waving device. O. J. Hungerbühler and C. Schopper. 1,463,085; July 24.
Hair-waving machine. J. M. Higgins. 1,460,653; July 3.
Hair waving, Permanent. E. F. Suter. 1,449,874; Mar. 27.
Hair waving, Shield for. Z. Popin. 1,447,997; Mar. 13.
Hair work and constructing same, Plastic. R. Ernest. 1,464,089; Aug. 7.
Halogen substitution product into amines, Converting aromatic I. Miller. 1,445,637; Feb. 20.
Halogenated products, Making. B. E. Eldred. 1,456,590; May 29.
Haloleñnes. Making. H. Essex and A. L. Ward. 1,477,047; Dec. 11.
Halter. J. B. Miner. 1,455,445; May 15.
Halter strap. F. L. Albin. 1,474,340; Nov. 20.
Ham boiler. H. Adelmann. 1,461,509; July 10.
Ham boiler. A. Göbel, F. Harnisch, and E. C. Janke. 1,474,713; Nov. 20.
Ham boiler. J. Reinartz. 1,454,337; May 8.
Hame. R. Palmore. 1,453,081; Apr. 24.
Hame tug. T. W. Graham. 1,456,020; May 22.
Hammer. H. Blustein and E. E. Rhodes. 1,443,864; Jan. 30.
Hammer. C. Green. 1,450,849; Apr. 3.
Hammer. A. E. Horman. 1,457,168; May 29.
Hammer. H. E. Keyes. 1,463,167; July 31.
Hammer. G. P. Lucas. 1,456,987; May 29.
Hammer. C. F. Schroeder and A. A. Quedensley. 1,447,732; Mar. 6.
Hammer. C. F. Schroeder and A. A. Quedensley. 1,475,969; Dec. 4.
Hammer, Adjustable multiple disk and shredding. E. H. Frickey. 1,450,173; Apr. 3.
Hammer adjustment. J. K. Blum. 1,459,568; June 19.
Hammer and rotary drill, Combined. R. Z. Farmer. 1,468,345; Sept. 18.
Hammer board, Drop-. C. J. and H. E. Kleist. 1,440,608; Jan. 2.
Hammer-butt springs. Method of and tool for replacing broken. W. J. Tiffany. 1,477,610; Dec. 18.
Hammer, Combination. F. J. Koch. 1,456,383; May 22.
Hammer, Die-forging. J. and J. D. Latta. 1,459,592; June 19.
Hammer drill. E. P. Jones. 1,467,433; Sept. 11.
Hammer, Drop. J. R. Blakeslee. 1,468,953; Sept. 25.
Hammer, Drop. E. Enderes. 1,445,578; Feb. 13.
Hammer, Drop. H. Terhune. 1,440,707; Jan. 2.
Hammer, Drop. H. Terhune. 1,441,716; Jan. 9.
Hammer, Electric. G. L. Kollock and R. P. Martin. 1,464,824; Aug. 14.
Hammer, Electric. S. Lake. 1,467,677; Sept. 11.
Hammer, Heavy-duty. P. Kanygin. 1,443,689; Jan. 30.
Hammer, Pneumatic. E. Curti. 1,464,809; Aug. 14.
Hammer, Pneumatic. T. L. Gray. 1,443,532; Jan. 30.
Hammer, Pneumatic. E. M. Mattson, H. W. Popp, and A. C. Hougland. 1,441,017; Jan. 2.
Hammer, Pneumatic. E. Von Leesen. 1,464,787; Aug. 14.
Hammer, Portable power. H. A. Fisher. 1,454,633; May 8.
Hammer, Power. G. Fraser. 1,475,763; Nov. 27.
Hammer, Power. O. M. Hatcher and J. C. Campbell. 1,440,679; Jan. 2.
Hammer, Power. R. C. Schroth, jr., and C. A. Herman. 1,461,460; July 10.
Hammer, Power. J. Sustarich. 1,458,667; June 12.
Hammer pulverizer. J. L. Hiller. 1,442,946; Jan. 23.
Hammer, Reenforced rotary pivoted. W. M. Davidson. 1,447,341; Mar. 6.
Hammer, Riveting. P. H. Leckinger. 1,460,424; July 3.
Hammer, Riveting. P. R. Smith. 1,466,968; Sept. 4.
Hammer, Riveting, chiseling, and rock-drilling. R. A. Hage. 1,464,570; Aug. 14.
Hammer, Rotary pivoted. H. M. Plaisted. 1,476,177; Dec. 4.
Hammer, Spring. J. M. Redinger. 1,465,918; Aug. 21.
Hammer, Trip. H. Roeker. 1,476,923; Dec. 11.
Hammer, Wire-handled. H. B. Jones. 1,449,677; Mar. 27.
Hammers, Adjustable guide for. S. Paul. Re15,666; July 31.
Hammering apparatus. W. Y. Stroh and G. W. Klages. 1,463,180; July 31.
Hammering machine. C. Sieper. 1,450,895; Apr. 3.
Hammock. H. E. Burroughs. 1,463,499–500; July 31.
Hammock. B. B. Englander. 1,469,782; Oct. 9.
Hammock, Couch. B. B. Englander. Des. 63,223; Nov. 6.
Hammock, Couch. G. F. Sisbower and L. E. Pittoni. 1,461,740; July 17.
Hamper, Clothes. B. Krisher. Des. 63,106; Oct. 2.
Hamper, Lunch. L. M. White. 1,448,424; Mar. 13.
Hand, Artificial. C. Dedic. 1,465,933; Aug. 28.
Hand, Artificial. H. Therrien. 1,474,301; Nov. 13.
Hand bag. I. C. Blumenthal. 1,467,919; Sept. 11.
Hand bag. M. Brill. Des. 62,199; Apr. 10.
Hand bag. M. Craig. Des. 63,614; Dec. 25.
Hand bag. J. Cyganiewicz. Des. 62,981; Sept. 4.
Hand bag. C. S. Elfelt. 1,458,329; June 12.
Hand bag. A. Elmertoski. 1,441,269; Jan. 9.
Hand bag. E. R. Free. Des. 63,031; Sept. 18.
Hand bag. M. Goldsmith. 1,478,737; Dec. 25.
Hand bag. L. Hauser. 1,469,476; Oct. 2.
Hand bag. M. Miller and M. L. Kurtz. Des. 63,138; Oct. 16.
Hand bag. H. Morris. Des. 61,859–60; Jan. 30.
Hand bag. J. Sims. Des. 62,424; May 22.
Hand-bag. J. Sims. Des. 62,436; May 29.
Hand bag and vanity box, Combined. M. Freund. 1,464,176; Aug. 7.
Hang-bag clasp. H. Morris. Des. 61,861; Jan. 30.
Hand bag, Foldable. C. S. Ayres. 1,474,879; Nov. 20.
Hand bags, Reenforcement for. J. B. Johnson. 1,468,816; Sept. 25.
Hand brace. T. J. Fegley and G. O. Leopold. 1,473,423; Nov. 6.
Hand brake. S. B. Haseltine. 1,450,366; Apr. 3.
Hand brake. J. F. O'Connor. 1,446,203–4; Feb. 20.
Hand clamp. W. A. Day. 1,470,706; Oct. 16.
Handclamp switch. L. A. Miller. 1,471,185; Oct. 16.
Handhole cover, Adjustable. J. J. Cain. 1,449,729; Mar. 27.
Handlamp. A. A. Arnold. 1,454,530; May 8.
Handlamp. G. D. Gallagher. Re. 15,549; Feb. 20.
Handlamp. A. P. Paine. 1,477,892; Dec. 18.
Hand lamp, Antirolling. F. G. Stimson. 1,447,050; Feb. 27.
Handle: *See*—
Bag handle.
Bottle handle.
Box handle.
Casket handle.
Cleaner handle.
Container handle.
Cycle handle.
D handle.
Detachable handle.
Extension handle.
Fishing-rod handle.
Flowerpot handle.
Grip handle.
Implement handle.
Jack handle.
Kitchen utensil handle.
Mower extension handle.
Package handle.
Portable handle.
Portfolio handle.
Shovel handle.
Tool handle.
Vault handle.
Vehicle door handle.
Wrench handle.
Handle. S. Chakov. 1,473,922; Nov. 13.
Handle. B. A. Denton. 1,470,152; Oct. 9.
Handle. W. C. J. Eisen. 1,460,057; June 26.
Handle. F. D. Farr. 1,473,028; Nov. 6.
Handle. C. Gluckman. 1,470,355; Oct. 9.
Handle. W. N. Russell. 1,446,587; Feb. 27.
Handle. H. Somerfleck. Des. 63,508; Dec. 11.
Handle. W. A. Somers. 1,463,341; July 31.
Handle. F. J. Spiegler. 1,468,409; Sept. 18.
Handle. H. G. Thompson. 1,446,137; Feb. 20.
Handle. P. Tommasoni. Des. 62,155; Mar. 27.
Handle. T. W. Wright. 1,477,742; Dec. 18.
Handle-adjusting mechanism. H. J. Cook. 1,452,192; Apr. 17.
Handle and blade connection. J. S. Surbaugh. 1,445,185; Feb. 13.
Handle and switch, Motor. O. P. Erhardt. 1,457,967; June 5.
Handle and the like, Tool. E. C. Guthard. 1,457,570; June 5.
Handle-assembling machine. R. L. Drake. 1,440,864; Jan. 2.
Handle-attaching means. H. Bale. 1,445,470; Feb. 13.

Handle mounting, Lock-. N. A. Kretzer. 1,443,544; Jan. 30.
Handle or grip surface. A. E. Lard. 1,441,986; Jan. 9.
Handle-securing mechanism. P. A. Geier. 1,472,797; Nov. 6.
Handle structure, Indexed. J. M. Wilson. 1,448,019; Mar. 13.
Handles, Assembling and soldering. R. L. Drake. 1,440,865; Jan. 2.
Handles, Cushion attachment for. A. Schaefer. 1,443,596; Jan. 30.
Handles, Cushion covering for. S. Levenson. 1,445,968; Feb. 20.
Handles, Machine for shaping tong. C. D. Briddell. 1,472,510; Oct. 30.
Handles, Receptacle for holding. W. E. Keene. 1,466,048; Aug. 28.
Handling apparatus and conveyer, Material-. J. A. Stobie. 1,454,345; May 8.
Handling apparatus, Material-. A. F. Case. 1,475,684; Nov. 27.
Handling apparatus, Material-. A. F. Case. 1,442,521; Jan. 16.
Hand press. H. Lorch. 1,478,443; Dec. 25.
Hand reel. J. Joslin. 1,455,167; May 15.
Hand rest. C. A. Booker. 1,457,958; June 5.
Hand roller. R. B. Bird. 1,461,815; July 17.
Handsaw. G. Forton. 1,451,211; Apr. 10.
Handsaws, Detachable tooth for. R. R. Reed. 1,445,972; Feb. 20.
Hand shield. M. W. Holcomb. 1,464,529; Aug. 14.
Hand tool. S. F. Anderson. 1,476,033; Dec. 4.
Hand tool. W. A. Bernard. 1,446,540; Feb. 27.
Hand tool. W. A. Bernard. 1,475,273; Nov. 27.
Hand tool. O. D. Hapgood. 1,449,400; Mar. 27.
Handwheel grip. H. L. Jackson. 1,453,012; Apr. 24.
Hanger: *See*—
Beam hanger.
Bed-bottom hanger.
Bell-cord hanger.
Broom and mop hanger.
Cable hanger.
Cap hanger.
Car-door hanger.
Case hanger.
Clothes hanger.
Coat hanger.
Door hanger.
Drapery hanger.
Driving-box-shoe hanger.
Elevator-door hanger.
Garment hanger.
Gutter hanger.
Ladle hanger.
Lamp hanger.
Laundry hanger.
Picture hanger.
Picture-frame hanger.
Pipe hanger.
Punching-bag suspension hanger.
Radiator-pipe hanger.
Railway-brake hanger.
Sash hanger.
Scaffold hanger.
Screen hanger.
Shaft hanger.
Sheet-metal hanger.
Sickle hanger.
Skirt hanger.
Sucker-rod hanger.
Suit hanger.
Swing hanger.
Towel hanger.
Track hanger.
Trolley hanger.
Trolley-wire hanger.
Utensil hanger.
Wall hanger.
Hanger. H. C. Gowran. 1,464,178; Aug. 7.
Hanger. F. C. Hall. 1,477,702; Dec. 18.
Hanger. J. Kohn. 1,459,471; June 19.
Hanger. C. A. Meunier. 1,442,771; Jan. 16.
Hanger hook. R. Fordyce. 1,449,978; Mar. 27.
Hanger insert. W. E. White. 1,457,611; June 5.
Hanger or support, Self-elevating. W. Sickles. 1,450,051; Mar. 27.
Hanger support, Multiple-. J. A. Pyper. 1,446,927; Feb. 27.
Hangers, Insert for. W. E. White. 1,455,036; May 15.
Hank register. J. L. Burnham. 1,458,323; June 12.
Hardness of materials, Apparatus for testing the. R. L. Smith and G. E. Sandland. 1,478,621; Dec. 25.
Hardness of materials, Machine for testing. D. C. Davis. 1,457,214; May 29.
Hardness-testing device. R. Baumann. 1,465,927; Aug. 28.
Hardware construction. H. Blye. 1,441,394; Jan. 9.
Harmonica with bellows. J. Bartolowsky. 1,448,184; Mar. 13.
Harness construction. S. D. Brooks. 1,478,507; Dec. 25.
Harness-loop reenforcement. P. Radle. 1,457,602; June 5.
Harness rosette. J. C. Harpham. 1,457,659; June 5.
Harness rosette. J. C. Harpham. Des. 62,255–6; Apr. 24.
Harness stop motion. J. Lavoie. 1,445,629; Feb. 20.
Harpooning apparatus, Whale-. J. D. Loop. 1,472,223; Oct. 30.
Harrow. C. W. Carper. 1,459,571; June 19.
Harrow. R. M. Crowder. 1,462,324; July 17.
Harrow. G. C. Heston. 1,476,512; Dec. 4.
Harrow. W. E. Jones. 1,447,862; Mar. 6.
Harrow. A. R. Stahl. 1,465,188; Aug. 14.
Harrow. W. Steele. 1,469,195; Sept. 25.
Harrow, Adjustable. C. G. A. Johnerson. 1,466,172; Aug. 28.
Harrow and cultivator, Combined side. E. A. Hinton. 1,442,806; Jan. 23.
Harrow and pulverizer. O. Ingman. 1,455,729; May 15.
Harrow and scarifier. D. M. Roberts. 1,453,998; May 1.
Harrow attachment. W. E. Pischke. 1,441,448; Jan. 9.
Harrow, Cultivator. O. V. Vanicek. 1,461,053; July 10.
Harrow, Disk. R. H. Griffith. 1,457,280; May 29.
Harrow, Disk. A. Moore. 1,458,841; June 12.
Harrow, Disk. H. G. Ringle and J. M. Stewart. 1,466,063; Aug. 28.
Harrow, Disk. F. C. Warne. 1,457,277; May 29.
Harrow, Double-disk. J. C. Bohmker and J. Geistwhite. 1,442,599; Jan. 16.
Harrow hitch, Equalizing. W. F. Keller and F. J. Baumann. 1,440,922; Jan. 2.
Harrow, Leverless disk. S. W. Cady. 1,477,526; Dec. 11.
Harrow, Multiple-gang. E. M. Heylman. 1,443,364; Jan. 30.
Harrow or drag tooth. P. Simons. 1,469,115. Sept. 25.
Harrow, Roller. G. G. Schroeder. 1,474,294; Nov. 13.
Harrow, Rotary. J. A. Cartwright. 1,465,805; Aug. 21.
Harrow, Rotary. A. W. Guild. 1,471,692; Oct. 23.
Harrow, Rotary spike-tooth. W. V. Van Etten. 1,450,123; Mar. 27.
Harrows, Attachment for. E. Brown. 1,478,886; Dec. 25.
Harrows, Attachment for disk. T. D. Moran. 1,475,312; Nov. 27.
Harrows, Center-cutting attachment for disk. W. C. Dwyer and J. I. Mitchell. 1,446,115; Feb. 20.
Harrows, Depth gauge for disk. S. H. Phelps, 1,442.700; Jan. 16.
Harrows, etc., Spring support for. H. Petersen. 1,456,253; May 22.
Harrows, Gang-adjusting device for. H. S. Dickinson. 1,472,515; Oct. 30.
Harrows, Shoe for disk. C. M. Jacobs. 1,460,489; July 8.
Harvester. F. G. Blessen. 1,457,341; June 5.
Harvester. C. A. Hagadone. 1,467,374; Sept. 11.
Harvester. C. B. Hood. 1,449,944; Mar. 27.
Harvester. C. H. McClure. 1,475,073; Nov. 20.
Harvester. E. C. Myers. 1,466,098; Aug. 28.
Harvester. J. Novak. 1,449,869; Mar. 27.
Harvester. W. A. Stewart. 1,465,190; Aug. 14.
Harvester. W. B. Stone. 1,440,642; Jan. 2.
Harvester. S. L. Thetford. 1,448,319; Mar. 13.
Harvester and binder, Corn. H. J. Case. 1,472,429; Oct. 30.
Harvester and conveyer, Cotton. D. Daniel. 1,455,908; May 22.
Harvester and shocker, Corn. D. T. Phillips. 1,452,929; Apr. 24.
Harvester and shocker, Corn. H. A. Von Stein. 1,441,897; Jan. 9.
Harvester, Beet. P. J. Boyle. 1,458,615; June 12.
Harvester, Beet. L. V. Cirac. 1,455,107; May 15.
Harvester, Beet. R. F. Gilmore and W. G. Johannsen. 1,463,078; July 24.
Harvester, Beet. C. L. and C. W. Greening. 1,462,908; July 24.
Harvester, Beet. R. Moreschini. 1,445,535; Feb. 13.
Harvester binders, Grain shocker for. J. E. Dery. 1,462,538; July 24.
Harvester, Corn. J. E. and A. C. Reece. 1,456,569; May 29.
Harvester, Corn. F. D. Wilson. 1,440,517; Jan. 2.
Harvester, Corn. W. F. Ziegler. 1,456,206; May 22.
Harvester, Cotton. J. J. Wilson. 1,451,090; Apr. 10.
Harvester, Ensilage. C. W. H. Miller. 1,462,765; July 24.
Harvester feed control. R. E. Marti. 1,441,867; Jan. 9.
Harvester-frame construction. M. D. Kast. 1,469,157; Sept. 25.
Harvester, Fruit and nut. W. Abildgaard. 1,472,262; Oct. 30.
Harvester, Grain. C. Owens. 1,454,071; May 8
Harvester, Head-topping ensilage. I. H. Erb. 1,457,827; June 5.
Harvester, Juice-extracting ensilage. I. H. Erb. 1,457,828; June 5.
Harvester, Kafir-corn. H. G. Bielhen. 1,445,383; Feb. 13.
Harvester, Peanut. W. W. Ford. 1,458,044; June 5.
Harvester, Potato. J. Quickenden and H. J. Weidemann. 1,444,006; Feb. 6.
Harvester, Stump. E. A. McKoy and G. D. Moore. Re15,655; July 17.
Harvester thrasher. A. Converse. 1,453,753; May 1.
Harvesters and thrashers, Attachment for combined. W. R. Tandy. 1,456,156; May 22.
Harvesters, Bundle-carrying attachment for grain. P. Gerlach. 1,454,471; May 8.
Harvesters, Controlling mechanism for. C. Pearson. 1,452,282; Apr. 17.
Harvesters, Conveyer for potato. W. T. and P. J. Travis. 1,447,912; Mar. 6.
Harvesters, Cutting mechanism for. M. M. Kell. 1,476,521; Dec. 4.
Harvesters, Grading mechanism for potato. W. T. and P. J. Travis. 1,447,911; Mar. 6.
Harvesters, Grain-shocking attachment for. D. W. Gile. 1,457,627; June 5.
Harvesters, Operating mechanism for. A. Como. 1,464,808; Aug. 14.
Harvesters, Vine separator for root. G. H. Heath. 1,443,741; Jan. 30.
Harvesting and thrashing machine, Straw spreader for. B. E. Slade. 1,462,387; July 17.
Harvesting machine. P. W. and D. M. Davis. 1,443,872; Jan. 30.
Harvesting machine, Beet-. S. C. Beale. 1,476,945; Dec. 11.

Alphabetical list of inventions—Continued.

Harvesting machine, Beet-. J. Devey. 1,462,486; July 24.
Harvesting machine, Beet-. T. E. Moore. 1,442,963; Jan. 23.
Harvesting machine, Corn-. W. E. Koch. 1,469,161; Sept. 25.
Harvesting machine, Flax-. T. Kreipe. 1,459,060; June 19.
Harvesting machines, Husking mechanism for corn-. C. Ducker. 1,478,426; Dec. 25.
Harvesting machines, Snapping mechanism for corn-. W. S. Baird. 1,466,870; Sept. 4.
Harvesting sugar beets, Knife control in machines for. L. Erhardt. 1,457,829; June 5.
Hasp. G. A. Carlson. 1,464,198; Aug. 7.
Hasp. G. A. Carlson. 1,472,512; Oct. 30.
Hasp and staple. G. W. Noller. 1,445,157; Feb. 13.
Hasp and staple device. D. Russakov. 1,446,586; Feb. 27.
Hasp, Extension. E. A. Hill. 1,447,846; Mar. 6.
Hasp fastener. C. Collins. 1,473,080; Nov. 6.
Hasp hook. H. E. Hodgson. 1,468,861; Sept. 25.
Hasp lock. W. F. Knapp. 1,470,751; Oct. 16.
Hasps, Self-locking bolt for. A. P. Aldrich and G. R. Barksdale. 1,440,949; Jan. 2.
Hat and coat rack. O. J. Martin. 1,441,868; Jan. 9.
Hat and garment holder. B. A. Kaszinski. 1,477,566; Dec. 18.
Hatband, Identification. W. W. Holman. 1,478,961; Dec 25.
Hatbox. J. Cavanagh. 1,472,430; Oct. 30.
Hatbox. B. Levy. 1,444,350; Feb. 6.
Hatbox, Lady's. A. J. Crantz. 1,468,658; Sept. 25.
Hatbox, Trunk. H. J. Brown. 1,448,722; Mar. 20.
Hat brims and the like, Machine for stitching. M. Schloss. 1,466,486; Aug. 28.
Hat brims, Machine for finishing the edges of. F. E. Kauffmann. 1,452,049; Apr. 17.
Hat brims, Stitching mechanism for. J. Denemark. 1,462,168; July 17.
Hat catch, Windstorm. L. Pichler. 1,443,194; Jan. 23.
Hat-clipping machines. F. E. Kauffmann. 1,452,048; Apr. 17.
Hat-cord retainer. O. J. Shepherd. 1,446,938; Feb. 27.
Hat die. T. L. Wentworth. 1,446,004; Feb. 27.
Hat holder. R. A. Bogley. 1,458,638; June 12.
Hat holder. S. F. Priem. 1,469,532; Oct. 2.
Hat holder. G. G. Yoder. 1,450,535; Apr. 3.
Hat-holding device. E. D. Lutz. 1,463,898; Aug. 7.
Hat insert. G. W. Hizer. 1,443,744; Jan. 30.
Hat lining. C. Winkelmann. 1,475,615; Nov. 27.
Hat marking. R. K. Reynolds. 1,477,282; Dec. 11.
Hat or the like. G. H. Sacket. 1,468,282; Dec. 11.
Hat or the like. G. H. Sacket. 1,468,404; Sept. 18.
Hatpin fastener. H. Walkenhorst. 1,453,422; May 1.
Hatpin or similar article. A. B. Schapiro. Des. 63,377; Nov. 27.
Hatpin, Safety. S. Biro. Des. 61,820; Jan. 23.
Hatpin, Safety. A. Simenszky. 1,442,497; Jan. 16.
Hat protector. J. M. Check. 1,453,862; May 1.
Hat protector. J. J. O'Leary. 1,469,189; Sept. 25.
Hatrack. J. T. Smith. 1,465,026; Aug. 14.
Hat-retaining device. O. H. Lemocke. 1,464,432; Aug. 7.
Hat-supporting device. E. C. Pierce. 1,447,602; Mar. 6.
Hat tray. J. S. Booth. 1,445,743; Feb. 20.
Hats, Crease-retaining device for. J. Korn. 1,450,181; Apr. 3.
Hats, Machine for steaming. W. Wilson. 1,441,258; Jan. 9.
Hats, Means for making fringe for ladies'. L. Krause. 1,459,472; June 19.
Hats, Sweatband for. J. W. Bartle and S. Roberts. 1,443,862; Jan. 30.
Hats, Sweatband for. W. W. Collyer. 1,476,492; Dec. 4.
Hats to the head, Device for securing. E. M. Newlands. 1,441,875; Jan. 9.
Hatters, Head gauge for. O. Graff. 1,469,640; Oct. 2.
Hatch cover and means for supporting and locking the same. E. A. Sweeley. 1,473,655; Nov. 13.
Hatchet, Carpenter's. V. M. Swann. 1,478,187; Dec. 18.
Hatchet, Folding. C. W. Nelems. 1,457,930; June 5.
Haulage and like system and apparatus. L. J. J. B. Chenêau. 1,478,890; Dec. 25.
Haulage or straining purposes, Device for. A. A. Quick. Re15,558; Mar. 6.
Hauling or straining device. A. A. Quick. 1,445,104; Feb. 13.
Haversacks, etc., Shoulder support for. F. S. Blakesley. 1,444,652; Feb. 6.
Hay carrier. H. L. Ferris. 1,449,899; Mar. 27.
Hay-cocking machine. A. Savignac. 1,456,467; May 22.
Hay loader. J. Dain. 1,478,556; Dec. 25.
Hay loader. C. R. Davis. 1,441,787; Jan. 9.
Hay loader. H. J. Fersdahl. 1,473,614; Nov. 13.
Hay loader. H. W. Pierson. 1,474,492; Nov. 20.
Hay loader, Wind board for. C. Seeger. 1,440,414; Jan. 2.
Hay press. T. V. Kellebrew. 1,471,399; Oct. 23.
Hayrack. S. J. Horsch. 1,445,886; Feb. 20.
Hayrack, Portable. A. R. Bentley. 1,456,356; May 22.
Hayrack-sill adjuster. E. Enger. 1,466,822; Sept. 4.
Hayrake. E. J. Cantwell. 1,478,817; Dec. 25.
Hayrake. A. Grieves. 1,448,799; Mar. 20.
Hayrake. C. Pearson. 1,477,382; Dec. 11.
Hayrake and baler. C. Dimech. 1,446,337; Feb. 20.
Hayrake and loader. J. H. Culliton. 1,467,893; Sept. 11.
Haystacker. E. Christensen. 1,441,830; Jan. 9.
Haystacker. J. H. Cope. Re15,658; July 17.
Haystacker. W. C. Hudson. 1,478,740; Dec. 25.
Haystacker. B. H. Tuttle. 1,476,857; Dec. 11.
Haystacker. C. H. and H. Weikert. 1,450,271; Apr. 3.
Haystackers, Automatic retainer for. L. B. Taylor. 1,453,771; May 1.
Hay sweep. C. Howard. 1,467,727; Sept. 11.
Hay sweep. L. J. Jenson. 1,463,584; July 31.
Head and socket fastener. R. M. Peters. 1,475,865; Nov. 27.
Head cushion, Bathtub. D. Scher. 1,458,503; June 12.
Head, False. L. W. Meyers and H. F. Demke. 1,467,445; Sept. 11.
Headed articles, Holder for. W. M. Parker. 1,445,795; Feb. 20.
Headed articles in place, Fastening. H. G. Buchan. 1,443,523; Jan. 30.
Headed articles in place, Means for securing. J. C. Dawson. 1,467,781; Sept. 11.
Header. I. J. Marriage. 1,454,551; May 8.
Header mechanism. R. L. Wilcox. 1,478,315; Dec. 18.
Headers or binders, Operating mechanism for the adjusting levers of. G. Kletke. 1,449,514; Mar. 27.
Head gate. H. C. Beggs. 1,453,429; May 1.
Head gate, Slide. K. J. Thorsby and R. C. Force. 1,445,921; Feb. 20.
Headgear. M. P. Beach. 1,477,934; Dec. 18.
Heading machines and the like, Blank carrier for. A. W. Jansson. 1,463,323; July 31.
Headlamp reflector, Nonglare. M. E. Epstein. 1,445,306; Feb. 13.
Headlamp support. W. F. Pfander. 1,468,032; Sept. 18.
Headlight. J. Bruecker. 1,448,025; Mar. 13.
Headlight. D. L. Davis. 1,450,581; Apr. 3.
Headlight. W. F. Doran. 1,463,524–5; July 31.
Headlight. J. M. Dunlea. 1,454,671; May 8.
Headlight. A. H. Fay. 1,446,892; Feb. 27.
Headlight. C. H. Fisher. 1,463,685; July 31.
Headlight. L. A. W. Johnson. 1,457,630; June 5.
Headlight. C. A. Jones. 1,471,166; Oct. 16.
Headlight. P. H. Letchford. 1,443,822; Jan. 30.
Headlight. C. H. Montague. 1,448,637; Mar. 13.
Headlight. T. W. Post. 1,461,544; July 10.
Headlight. T. W. Post. 1,471,355; Oct. 23.
Headlight. R. L. Rice, sr., and W. M. Jordan, jr. 1,448,867; Mar. 20.
Headlight. J. M. Richardson. 1,460,511; July 3.
Headlight. E. B. Richmond. 1,443,041; Jan. 23.
Headlight. W. D. Ryan. 1,451,893; Apr. 17.
Headlight. C. O. White. 1,449,568; Mar. 27.
Headlight. A. D. Wilkinson. 1,445,862; Feb. 20.
Headlight. A. C. Woodruff. 1,446,236; Feb. 20.
Headlight-adjusting mechanism. W. A. Martin and H. Kegel. 1,476,630; Dec. 4.
Headlight and direction indicator for automobiles, Adjustable. J. E. Emond. 1,465,164; Aug. 14.
Headlight and reflector, Automobile. T. De L. Graham. 1,462,036; July 17.
Headlight and the like. F. G. Piper. 1,475,872; Nov. 27.
Headlight antiglare shield. H. E. Lux. 1,450,095; Mar. 27.
Headlight arrangement for motor vehicles, Adjustable. C. A. and H. E. Hart. 1,453,938; May 1.
Headlight attachment. B. J. Lee. 1,462,065; July 17.
Headlight attachment. C. A. Nelson. 1,450,862; Apr. 3.
Headlight attachment for automobiles, Dirigible. C. F. Mock and W. F. Goodman. 1,448,562; Mar. 13.
Headlight, Automatic dirigible. T. D. McCown and J. A. Blanchard. 1,472,564; Oct. 30.
Headlight, Automobile. O. Fightmaster. 1,475,480; Nov. 27.
Headlight, Automobile. R. Meisner and F. A. Roe. 1,476,631; Dec. 4.
Headlight, Automobile. W. D. Ott and H. F. Griffin. 1,450,642; Apr. 3.
Headlight, Automobile. F. A. Reece. 1,440,840; Jan. 2.
Headlight, Automobile. G. A. Roberts. 1,441,374; Jan. 9.
Headlight, Automobile. W. R. Steinhauer and J. R. Prutzman. 1,463,024; July 24.
Headlight construction. S. F. Arbuckle. 1,460,834; July 3.
Headlight construction. H. F. Dunn. 1,473,400; Nov. 6.
Headlight construction, Dirigible. W. W. McDowell. 1,446,979; Feb. 27.
Headlight control for use on automobiles. A. Hamel. 1,450,036; Mar. 27.
Headlight-controlling mechanism. O. L. Mason. 1,449,432; Mar. 27.
Headlight deflector. J. L. Day. 1,445,824; Feb. 20.
Headlight deflector. A. H. Fay. 1,446,891; Feb. 27.
Headlight deflector. L. F. Geils. 1,467,372; Sept. 11.
Headlight deflector. F. M. Kilfoyle. 1,445,399; Feb. 13.
Headlight device. H. W. Schwartz. 1,464,016; Aug. 7.
Headlight device, Automobile. C. A. Hartmann. 1,474,714; Nov. 20.

Headlight dimmer. P. Bierbrauer and I. D. Peters. 1,460,309; June 26.
Headlight dimmer. U. S. G. Brobst. 1,451,321; Apr. 10.
Headlight dimmer. H. C. Chapman. 1,443,727; Jan. 30.
Headlight dimmer. W. S. Hamburger. 1,443,471; Jan. 30.
Headlight dimmer. J. D. Jones. 1,455,956; May 22.
Headlight dimmer. R. J. McCredie. 1,471,046; Oct. 16.
Headlight dimmer. R. Trejo M. and D. Ponce. 1,478,148; Dec. 18.
Headlight dimmer, Automobile. F. G. and L. M. Brendel. 1,447,707; Mar. 6.
Headlight dimmer, Automobile. G. Lehmann. 1,445,966; Feb. 20.
Headlight-dimming device. A. N. Schoenung. 1,465,872; Aug. 21.
Headlight, Dirigible. P. N. Andresen and P. J. Jeffway. 1,461,341; July 10.
Headlight, Dirigible. I. Arthurs. 1,454,260; May 8.
Headlight, Dirigible. T. O. Dills. 1,451,419; Apr. 10.
Headlight, Dirigible. P. J. Elledge. 1,460,540; July 3.
Headlight, Dirigible. C. Glaholt. 1,451,693; Apr. 17.
Headlight, Dirigible. V. A. Hancock. 1,458,761; June 12.
Headlight, Dirigible. M. Hitz. 1,465,847; Aug. 21.
Headlight, Dirigible. J. Ingells. 1,442,950; Jan. 23.
Headlight, Dirigible. J. W. Jennings. 1,468,637; Sept. 25.
Headlight, Dirigible. C. W. Martin and M. F. Allen. 1,442,490; Jan. 16.
Headlight, Dirigible. P. J. Nash. 1,444,518; Feb. 6.
Headlight, Dirigible. J. Showalterbaugh. 1,472,141; Oct. 30.
Headlight, Dirigible. C. C. Smith. 1,459,268; June 19.
Headlight, Dirigible. W. T. Spaugh and C. H. Harrington. 1,441,762; Jan. 9.
Headlight, Dirigible. J. H. Stephensmeier. 1,464,252; Aug. 7.
Headlight, Dirigible. B. B. and T. C. Tabor. 1,476,656; Dec. 4.
Headlight, Dirigible. H. Trouts. 1,445,114; Feb. 13.
Headlight, Dirigible. W. V. Van Etten. 1,471,635; Oct. 23.
Headlight, Dirigible. W. H. Walker and H. Goff. 1,450,194; Apr. 3.
Headlight, Dirigible. A. C. Woodruff. 1,469,203; Sept. 25.
Headlight, Dual supplementing. L. Bell. 1,471,679; Oct. 23.
Headlight for automobiles. E. B. Helm. 1,451,161; Apr. 10.
Headlight for automobiles and analogous vehicles, Dirigible. C. A. Beggs. 1,477,417; Dec. 11.
Headlight for automobiles, Dirigible. A. C. Duke. 1,478,001; Dec. 18.
Headlight for automobiles, Dirigible. B. Waite. 1,454,608; May 8.
Headlight for motor vehicles. O. E. Hunt. 1,448,691; Mar. 13.
Headlight for motor vehicles, Dirigible. A. Wissner. 1,449,479; Mar. 27.
Headlight for vehicles. M. A. Ford. 1,472,061; Oct. 30.
Headlight for vehicles. W. H. Wood. 1,471,767; Oct. 23.
Headlight for vehicles, Dirigible. S. R. Anderson. 1,464,125; Aug. 7.
Headlight glass or lens. J. Soderberg. 1,478,680–1; Dec. 25.
Headlight, Individually-operable. R. A. Summers. 1,465,192; Aug. 14.
Headlight lens. W. S. Allison. 1,445,282; Feb. 13.
Headlight lens. R. H. Barz. 1,453,539; May 1.
Headlight lens. L. Bell. 1,456,585; May 29.
Headlight lens. H. J. W. Brooks. 1,449,809; Mar. 27.
Headlight lens. M. A. Erickson. 1,466,358; Aug. 28.
Headlight lens. E. Lyndon. 1,471,668; Oct. 23.
Headlight lens. W. B. McMasters. 1,457,980; June 5.
Headlight lens. C. F. Warrick. 1,457,565; June 5.
Headlight lens. R. T. Wing. 1,446,607; Feb. 27.
Headlight lens. R. O. Yardley. 1,442,207; Jan. 16.
Headlight lens, Automobile. S. Celinski. Des. 61,927; Feb. 13.
Headlight-lens holder and antirattler. C. O. Baughn. 1,466,944; Sept. 4.
Headlight, Light-deflecting. C. E. Hughes. 1,468,784; Sept. 25.
Headlight, Locomotive. W. H. De Witt. 1,467,144; Sept. 4.
Headlight mechanism. S. E. Douglass. 1,461,604; July 10.
Headlight mechanism. J. W. Reaser, S. M. Hull, and F. H. Osborne. 1,454,788; May 8.
Headlight mechanism for automobiles, Dirigible. F. E. Wilcox and J. W. Funk. 1,464,673; Aug. 14.
Headlight mounting, Dirigible. H. C. Logan. 1,456,184; May 22.
Headlight, Movable. L. Allen. 1,478,369; Dec. 25.
Headlight, Movable. G. N. Brunker. 1,447,120; Feb. 27.
Headlight, Movable. M. B. Strout. 1,458,084; June 5.
Headlight, Multiple-filament electric-lamp. H. H. Slater. 1,455,033; May 15.
Headlight, Nonglaring. H. R. Saxon. 1,471,923; Oct. 23.
Headlight-operating mechanism. R. M. Thompson. 1,471,426; Oct. 23.
Headlight photometer. C. S. Ricker. 1,456,150; May 22.
Headlight plug. O. L. Carr. 1,459,651; June 19.
Head protector. H. E. Turpin. 1,447,106; Feb. 27.
Headlight, Reflecting. R. A. Hallett. 1,478,564; Dec. 25.
Headlight reflector. E. E. Hachman. 1,478,898; Dec. 25.
Headlight screen. J. J. Gaspie. 1,444,243; Feb. 6.
Headlight screen. L. F. Whitney. 1,458,635; June 12.
Headlight, Self-adjusting. W. H. Cornwell. 1,455,600; May 15.
Headlight shelter. E. Hiatt. 1,450,082; Mar. 27.
Headlight shield. J. H. Pitschman. 1,448,675; Mar. 13.
Headlight shield. Z. Yasuda. 1,464,860; Aug. 14.
Headlight shield, Automobile. G. F. Taft. 1,469,545; Oct. 2.
Headlight, Tiltable. J. A. Landis. 1,472,875; Nov. 6.
Headlight turner, Automatic. M. J. Canavan. 1,457,146; May 29.
Headlight, Vehicle. O. V. Berkley. 1,451,318; Apr. 10.
Headlight, Vehicle. K. Bye and P. Werle. 1,451,862; Apr. 17.
Headlight, Vehicle. H. R. Davies. 1,467,423; Sept. 11.
Headlight, Vehicle. H. Grubb. 1,448,439; Mar. 13.
Headlight, Vehicle. O. G. Luyties. 1,461,924; July 17.
Headlight wrench, Auto. W. A. Lewis. 1,458,140; June 12.
Headlights, Antiglare attachment for. W. K. Johnson. 1,447,859; Mar. 6.
Headlights, Antiglare device for automobile. H. R. Drury. 1,466,354; Aug. 28.
Headlights, Antiglare guard for. E. David. 1,471,024; Oct. 16.
Headlights, Attachment for. E. P. Low. 1,451,582; Apr. 10.
Headlights, Dimmer for automobile. C. H. Stamm. 1,445,182; Feb. 13.
Headlights, Focusing and directing. L. O. Grondahl. 1,471,790; Oct. 23.
Headlights for automobiles, Swinging. C. L. Lovering. 1,476,452; Dec. 4.
Headlights, Latch for. H. C. Foster. 1,445,392; Feb. 13.
Headlights, Light-modifying means for. L. M. Bowman. 1,442,463; Jan. 16.
Headlights, Light screening and deflecting hood for. G. Geisendorfer and W. C. Lester. 1,444,739; Feb. 6.
Headlights, Nonglare device for. F. C. Brocker. 1,468,276; Sept. 18.
Headlights, Nonglare reflector for. T. B. Shanahan. 1,471,710; Oct. 23.
Headlights of automobiles, Apparatus for automatically controlling the. J. L. and J. T. Iles. 1,460,965; July 3.
Headlights on the bodies of motor cars, Device for mounting. A. Vallot. Re15,607; May 15.
Headlights on vehicles, Nonblinding lamp for. E. W. Eppley. 1,441,074; Jan. 2.
Headlights, Ornamental casing for automobile. N. J. Leidy. 1,453,075; Apr. 24.
Head ornament. M. Grgičević. Des. 61,911; Feb. 6.
Headrest. F. C. Hall. 1,469,082; Sept. 25.
Headrest. A. O. Hancock. 1,463,081; July 24.
Headrest, Adjustable. G. W. Spahr. 1,465,877; Aug. 21.
Headrest and server, Combination. G. W. Spahr. 1,465,876; Aug. 21.
Headrest for motorists. J. Ickenroth. 1,445,689; Feb. 20.
Headrest, Separable. G. W. Spahr. 1,460,082; June 26.
Headrests, Sanitary protector for. J. L. Carmony. 1,441,396; Jan. 9.
Head-rounding machine. H. O. Olsen and O. Nilsen. 1,441,370; Jan. 9.
Head set. A. F. F. Gilson. 1,463,810; Aug. 7.
Headwear. L. H. Ensten. 1,471,724; Oct. 23.
Headwear, Novelty. P. M. Hennegan. 1,461,189; July 10.
Hearth furnace, Open-. T. T. Scott. 1,446,072; Feb. 20.
Hearth furnace, Open. E. A. Wheaton. 1,446,077; Feb. 20.
Heat and light burner, Combined gas. J. McCauley. 1,451,951; Apr. 17.
Heat and using such apparatus, Apparatus for applying. R. Vuilleumier. 1,460,046; June 26.
Heat, Apparatus for transferring. C. Field. 1,451,901; Apr. 17.
Heat appliance, Reflecting. J. E. Doyle. 1,450,022; Mar. 27.
Heat control, Automatic. M. L. Webb. 1,450,125; Mar. 27.
Heat deflector. F. E. White. 1,455,417; May 15.
Heat differentiation, Method of and apparatus for. R. Vuilleumier. 1,459,270; June 19.
Heat-distributing hood. F. H. Moore. 1,465,652; Aug. 21.
Heat drier, Waste-. E. A. Hults. 1,441,983; Jan. 9.
Heat equipment for the home, Triune. O. S. Bowman. 1,459,762; June 26.
Heat-exchange apparatus. H. L. Hartburg. 1,459,024; June 19.
Heat-exchange apparatus. H. I. Steffa. 1,453,292; May 1.
Heat exchange, Apparatus for. E. Shaw. 1,456,255; May 22.
Heat exchanger. C. F. Braun. 1,442,783; Jan. 16.
Heat exchanger. J. F. Musselman. 1,469,805; Oct. 9.
Heat-exchanging apparatus. J. C. Goosmann. 1,464,705; Aug. 14.

Heat-exchanging apparatus. R. Schnoeckel. 1,453,250; Apr. 24.
Heat-insulating articles, Manufacture of. J. H. Delany. 1,464,698; Aug. 14.
Heat-insulating material. W. R. Seigle. 1,444,397; Feb. 6.
Heat-insulating tape. W. R. Gillies. 1,470,723; Oct. 16.
Heat, Method of, and system for utilizing. A. Besta and H. Lent. 1,471,821; Oct. 23.
Heat regenerator. H. J. F. Philipon. 1,464,580; Aug. 14.
Heat-resisting cabinet and making the same. R. H. Dick and C. F. Wolters. Re. 16,529; Jan. 16.
Heat-responsive device. B. F. Mayo. 1,445,702; Feb. 20.
Heat-supplying apparatus. C. Ellis. 1,469,178; Sept. 25.
Heat-transferring apparatus. C. Field. 1,451,903-4; Apr. 17.
Heat transmission. J. L. Banks. 1,462,079; July 17.
Heat treatment. E. Stansfield. 1,459,932; June 26.
Heat treatment, Method of and apparatus for. W. J. Harris, jr. 1,440,540; Jan. 2.
Heat, Utilizing residual. A. S. Cooper. 1,462,851; July 24.

Heater: *See*—

Air heater.
Automobile heater.
Automobile steam heater.
Auxiliary heater.
Boiler and water heater.
Burner and heater.
Collapsible electric heater.
Combination heater.
Electric battery heater.
Electric heater.
Electric immersion heater.
Electric water heater.
Electrical heater.
Electrical liquid heater.
Feed-water heater.
Fireplace heater.
Floor heater.
Food-material heater.
Gas heater.
Hoist heater.
Hot-air heater.
Hot-blast heater
Hot-water heater.
Instantaneous heater.
Liquid heater.
Manifold heater.
Moist heater.
Oil heater.
Oil-well heater.
Orchard heater.
Portable heater.
Portable oil heater.
Radiant heater.
Radiator heater.
Rivet heater.
Smokeless heater.
Solar heater.
Steam superheater.
Stock-tank heater.
Tank heater.
Throttle heater.
Tire heater.
Wall heater.
Water heater.
Water-tank heater.
Well heater.
Weatherproof electric heater.
Wheat heater.
Windshield heater.

Heater. J. Beard. 1,449,311; Mar. 20.
Heater. V. Chwalkowski. Des. 62,393; May 22.
Heater. J. A. Clymer. 1,455,076; May 15.
Heater. J. T. Collins. 1,464,560; Aug. 14.
Heater. B. B. Kahn. 1,457,078; May 29.
Heater. B. H. Leister. 1,447,673; Mar. 6.
Heater. A. H. Mallery. 1,471,519; Oct. 23.
Heater. C. S. Manchester. 1,447,029; Feb. 27.
Heater. J. A. Martin. 1,447,142; Feb. 27.
Heater. G. Nietz. 1,454,556; May 8.
Heater. M. L. Packer and T. B. Messick. Des. 63,120; Oct. 9.
Heater. T. N. Ratterree. 1,444,086; Feb. 6.
Heater. W. S. Shupe. 1,469,648; Oct. 2.
Heater. C. S. Snyder. 1,470,940; Oct. 16.
Heater. E. F. Stout. 1,445,727; Feb .20.
Heater. E. D. Stout. 1,463,730; July 31.
Heater. G. D. Sundstrand. 1,451,126; Apr. 10.
Heater. O. Wiederhold. 1,446,365; Feb. 20.
Heater. E. Witzberger. 1,443,908; Jan. 30.
Heater and kindler. G. Bluemel. 1,455,069; May 15.
Heater and the like. R. Fehrenbach. 1,456,725; May 29.
Heater and vaporizer, Liquid. C. E. Ward. 1,456,016; May 22.
Heater and water circulator, Tank. A. H. Ostrander. 1,468,670; Sept. 25.
Heater-casing construction. J. J. Seemann. 1,461,943; July 17.
Heater for bitumen or other materials. J. T. M. Johnston. 1,468,365; Sept. 18.
Heater for buildings. J. Demarest. 1,449,384; Mar. 27.
Heater for furnaces, stoves, or apartments, Gas. T. E. Kreutzer. 1,462,643; July 24.
Heater for oil wells and the like, Electric. R. S. Pershing. 1,464,618; Aug. 14.
Heater, Gas. H. C. Crouse. Des. 61,893; Feb. 6.
Heater, Gas. J. H. Grayson. Des. 61,839; Jan. 23.
Heater or vaporizer. I. E. Aske. 1,452,105; Apr. 17.
Heater or vaporizer. I. E. Aske. 1,466,389; Aug. 28.
Heaters and lamps, Counterbalancing and oscillating device for electric. W. A. Brown. 1,457,874; June 5.
Heaters, Circuit controller for electric. A. Papini. 1,445,707; Feb. 20.
Heaters, Clay back for gas. J. E. Davis. 1,470,596; Oct. 16.
Heaters, Damper control for. A. E. Sharples. 1,455,271; May 15.
Heaters, Draft-pipe and damper construction for. J. W. Jones and W. S. Reynolds. 1,447,988; Mar. 13.
Heaters, Fuel-saving device for. H. B. Maynard, sr. 1,441,938; Jan. 9.
Heaters, Liquid-fuel burner for. C. A. Watrous. 1,477,793; Dec. 18.
Heaters, Radiant support and holder for gas. W. W. Holloway and H. Kielberg. 1,455,052; May 15.
Heating air, Apparatus for. R. Greenwood. 1,449,598; Mar. 27.
Heating and cooking, Electric. W. B. Topp. 1,441,610; Jan. 9.
Heating and cooling, Apparatus for. J. W. F. Macdonald. 1,456,136; May 22.
Heating and cooling device, Combined. G. Graff and W. A. Kennedy. 1,450,589; Apr. 3.
Heating and ventilating equipment. J. A. Wolfe. 1,473,896; Nov. 13.
Heating and ventilating unit. C. C. Shipp. 1,442,831; Jan. 23.
Heating and ventilating unit. W. Shurtleff. 1,440,497; Jan. 2.
Heating apparatus. R. A. Balcom. 1,452,864; Apr. 24.
Heating apparatus. L. Butler. 1,466,269; Aug. 28.
Heating apparatus. C. W. Brewer. 1,467,088; Sept. 4.
Heating apparatus. G. E. Dix. 1,469,898; Oct. 9.
Heating apparatus. A. M. Mertzanoff. 1,460,820; July 3.
Heating apparatus. A. M. Mertzanoff. 1,476,165; Dec. 4.
Heating apparatus. D. S. Murphy. 1,470,241; Oct. 9.
Heating apparatus. M. Smith. 1,446,521; Feb. 27.
Heating apparatus, Air-. J. M. Yewell. 1,448,985; Mar. 20.
Heating apparatus, Electric. G. R. Conklin. 1,465,809; Aug. 21.
Heating apparatus, Electric water-. H. W. Christian. 1,442,048; Jan. 16.
Heating apparatus, Hot-air. J. F. Powers. 1,453,180; Apr. 24.
Heating appliance, Steam-. P. Bergeon. 1,450,833; Apr. 3.
Heating coil. A. Holmquist. 1,443,536; Jan. 30.
Heating device. W. D. Booker. 1,444,102; Feb. 6.
Heating device. C. J. Nutt. 1,442,696; Jan. 16.
Heating device. H. E. Roys. 1,447,044; Feb. 27.
Heating device. A. G. Scherer. 1,476,848; Dec. 11.
Heating device. B. T. Street. 1,449,133; Mar. 20.
Heating device, Electric. M. M. Levinson. 1,474,723; Nov. 20.
Heating device, Electrical. M. M. Kohn. 1,456,878; May 29.
Heating device, Electrical. B. W. Macy. 1,468,722; Sept. 25.
Heating device, Electrical. P. E. Onwiler. 1,469,588; Oct. 2.
Heating element. L. J. Fuller. 1,464,703; Aug. 14.
Heating element. N. F. Strauss. 1,452,989; Apr. 24.
Heating element and making same, Electrical resistance. F. Hodson. 1,450,725; Apr. 3.
Heating element, Electric. R. G. Bridges. 1,474,887; Nov. 20.
Heating element, Electrical. P. A. E. Armstrong and R. P. De Vries. 1,460,048; June 26.
Heating element, Electrical. P. A. E. Armstrong. 1,467,562; Sept. 11.
Heating equipment, Control panel for. O. G. Pouch. 1,477,149; Dec. 11.
Heating furnace. J. Helmkee. 1,474,032; Nov. 13.
Heating furnace. H. W. Mason. 1,462,018; July 17.
Heating furnace. E. H. Riesmeyer and G. H. Schaffer. 1,446,661; Feb. 27.
Heating furnace. C. A. Rohn. 1,455,267; May 15.
Heating furnace. W. Trinks. 1,452,856; Apr. 24.
Heating furnace, Air-. V. E. Hugoniot. 1,440,465; Jan. 2.
Heating furnace, Automatic rotary. G. Bluemel. 1,474,705; Nov. 20.
Heating furnace, Billet-. N. F. Egler. 1,456,788; May 29.
Heating furnace, Electric. H. Seibert. 1,477,454; Dec. 11.
Heating furnace, Pair-. T. J. Costello. 1,447,588; Mar. 6.
Heating furnace, Steel-. J. Hundley. 1,462,639; July 24.
Heating furnace, Warm-air. J. Sylvan. 1,476,932; Dec. 11.
Heating liquids, System for electrically. W. Penzold. 1,446,318; Feb. 20.
Heating materials, Process of and apparatus for. C. J. Reed. 1,447,888; Mar. 6.
Heating metal, Electric process of continuously. A. E. Greene and W. B. Runyan. 1,455,747; May 15.
Heating of fluids, Apparatus for electrical. P. A. E. Armstrong. 1,448,510; Mar. 13.
Heating or cooling apparatus, Reversible. G. A. Sims. 1,469,193; Sept. 25.
Heating plate, Electric. A. Nielsen. 1,465,478; Aug. 21.
Heating pad. W. Richmond. 1,446,991; Feb. 27.
Heating pad. W. Richmond. 1,447,181; Mar. 6.
Heating system. F. Clare. 1,475,984; Dec. 4.
Heating system. W. A. Collver. 1,467,229; Sept. 4.
Heating system. J. A. Dion. 1,476,441; Dec. 4.
Heating system. H. G. Geissinger. 1,440,673; Jan. 2.
Heating system. T. A. Holmberg. 1,472,757; Oct. 30.
Heating system. E. A. Jones. 1,455,338; May 15.
Heating system. B. Mills, R. R. Row, and H. C. Davis. 1,461,541; July 10.
Heating system. E. L. Richardson. 1,465,095; Aug. 14.
Heating system and automatic and safety control means therefor, Vacuum. G. H. Anderson. 1,445,061; Feb. 13.

Heating system, Electric. J. W. Dorsey. 1,469,626; Oct. 2.
Heating system, Steam-. H. L. Bachman. 1,470,796; Oct. 16.
Heating system, Steam-. H. F. Benson. 1,449,742; Mar. 27.
Heating systems, Accelerator for hot-water. G. H. Russell. 1,462,768; July 24.
Heating systems, Equalizing vent valve for vapor. C. A. Fuller. 1,456,688; May 29.
Heating systems, Thermostatic electric control for. E. E. Gold. 1,454,635; May 8.
Heating unit. W. H. Dalton. 1,463,005; July 24.
Heating unit. H. W. Mitchell. 1,463,903; Aug. 7.
Heating unit, Air-. E. M. Erb. 1,468,593; Sept. 18.
Heating unit, Electric. C. A. Laise. 1,459,307; June 19.
Heating unit, Electric. T. C. Russell. 1,474,384; Nov. 20.
Heating unit, Electrical. F. J. Groven. 1,463,951; Aug. 7.
Heating unit, Electrical. S. I. Phelps. 1,473,866; Nov. 13.
Heating unit, Hot-water. H. Eschert. 1,472,059; Oct. 30.
Heating unit for ovens. W. F. Schaller. 1,478,363; Dec. 18.
Heat-insulating material. H. M. Smith. 1,474,559; Nov. 20.
Heat-utilizing apparatus. J. Lamassiaude. 1,475,439; Nov. 27.
Hedge and grass trimmer. C. Rosel. 1,474,916; Nov. 20.
Hedge clipper or trimmer. E. C. Conrade. 1,453,621; May 1.
Hedge cutter. W. J. Staudinger. 1,458,250; June 12.
Hedge trimmer. R. A. Cordell. 1,472,633; Oct. 30.
Hedge trimmer. J. C. Dettra. 1,471,453; Oct. 23.
Hedge trimmer. J. A. Houseman. 1,452,462; Apr. 17.
Heel. C. F. Donigan. 1,465,896; Aug. 21.
Heel. G. F. Fischer. 1,444,677; Feb. 6.
Heel. H. B. Light. 1,471,966; Oct. 23.
Heel and arch support, Combined cushion shoe. A. Cohn. 1,476,690; Dec. 11.
Heel-attaching device. J. F. Higgins. 1,457,435; June 5.
Heel attachment for shoes. F. Maccarone. 1,469,324; Oct. 2.
Heel-blank separator and former. D. Parks. 1,451,469; Apr. 10.
Heel brace. B. Shortridge. 1,448,600; Mar. 13.
Heel-breast-scouring machine. E. B. Grush. 1,444,873; Feb. 13.
Heel-breasting machine. L. A. Casgrain. 1,475,793; Nov. 27.
Heel-breasting machine. T. Lund. 1,477,574; Dec. 18.
Heel-breasting machine. A. Schoen. 1,453,191; Apr. 24.
Heel-building machine. A. S. Everett. 1,461,384; July 10.
Heel-building machine. R. C. Simmons. 1,459,753; June 26.
Heel building machine. E. E. Winkley. 1,447,368–9 Mar. 6.
Heel-building machine. E. E. Winkley. 1,452,669; Apr. 24.
Heel, Composite. P. Arthur. 1,475,042; Nov. 20.
Heel-compressing machine. E. E. Winkley. 1,440,573; Jan. 2.
Heel construction. J. C. Stiles. 1,450,705; Apr. 3.
Heel-covering apparatus. P. R. Glass. 1,448,738; Mar. 20.
Heel, Cushion. T. M. Conger. 1,449,498; Mar. 27.
Heel-cutting machine. A. Schoen. 1,453,192; Apr. 24.
Heel for boots and shoes. D. Hill. Des. 62,725; July 24.
Heel for boots and shoes. D. Hill. Des. 63,298; Nov. 20.
Heel for shoes. M. W. Selby. 1,475,412; Nov. 27.
Heel lift, Detachable shoe-. J. P. Reily. 1,442,001; Jan. 9.
Heel lift, Resilient. F. J. Gleason. 1,444,500; Feb. 6.
Heel lift, Resilient. R. I. Hill. 1,453,459–60; May 1.
Heel lift, Resilient. L. M. Oakley. 1,452,892; Apr. 24.
Heel-gouging machine. D. Parks. 1,472,567; Oct. 30.
Heel-lift-assembling machine. S. J. Wentworth. 1,468,683; Sept. 25.
Heel lining for boots and shoes. I. and S. Stein. 1,469,853; Oct. 9.
Heel of the embedded-washer type, Detachable shoe. C. W. Lavers. 1,463,428; July 31.
Heel of the plate type, Detachable shoe. C. W. Lavers. 1,463,427; July 31.
Heel machine. J. H. Pope. 1,449,442; Mar. 27.
Heel, Metal. W. Noll. 1,469,681; Oct. 2.
Heel-nailing machine, Wood-. F. A. Reardon. 1,477,768; Dec. 18.
Heel pad for a boot or shoe. W. W. Phillips. Des. 62,341–2; May 8.
Heel pad. H. J. Solliday. 1,469,968; Oct. 9.
Heelplate, Removable. A. Kitowski. 1,474,837; Nov. 20.
Heel plate. G. P. Hogan. 1,449,602; Mar. 27.
Heel, Pneumatic composite. J. E. Price. 1,467,875; Sept. 11.
Heel press. F. V. Hart. 1,475,947; Dec. 4.
Heel press. E. E. Winkley. 1,452,670–2; Apr. 24.
Heel protector, Shoe-. A. T. Phillips. 1,442,028; Jan. 9.
Heel reenforcement, Shoe-. A. J. Gifford. 1,444,181; Feb. 6.
Heel, Resilient. J. W. Aymar, jr. 1,476,436; Dec. 4.
Heel, Resilient. J. A. Parrella. 1,453,403; May 1.
Heel, Resilient. A. E. Lewis. 1,471,042; Oct. 16.
Heel, Resilient shoe. E. L. De Vere. 1,451,494; Apr. 10.
Heel, Reversible cushion shoe. A. Smith. 1,477,191; Dec. 11.
Heel rest. W. E. Wollheim. Des. 61,883; Feb. 6.
Heel-seat die. J. L. Preo and I. Henne. 1,444,085; Feb. 6.
Heel-seat lasting and nailing machine. E. L. Keyes. 1,461,153; July 10.
Heel-seat-roughing machine. J. H. Pope. 1,447,223 Mar. 6.
Heel, Shoe. F. Berenstein. Des. 62,599; July 3.
Heel, Shoe. G. Di Dio. 1,452,959; Apr. 24.
Heel, Shoe. D. Freeman. Des. 62,717; July 24.
Heel, Shoe. J. Pietzuch. Des. 61,789–90; Jan. 9.
Heel, Shoe. H. Weinberger. 1,464,737; Aug. 14.
Heel, Spring. J. Dutchak. 1,469,920; Oct. 9.
Heel-turning machine, Wood-. E. W. Bailly. 1,472,625; Oct. 30.
Heels, Device for attaching cushion. W. L. Laurence. 1,467,801; Sept. 11.
Heels, Machine for operating on. L. A. Casgrain. 1,475,794–5; Nov. 27.
Heels, Machine for operating upon. F. J. Balcom. 1,464,555; Aug. 14.
Heels, Machine for turning wood. W. J. Shaw. 1,476,188; Dec. 4.
Heels, Making. C. Hunt. 1,469,835; Oct. 9.
Heels, Manufacture of pieced lift. T. Lund. 1,463,825; Aug. 7.
Heels, Method of and machinery for handling. F. V. Hart. 1,475,948; Dec. 4.
Heels, Securing means for. M. Panian. 1,477,230; Dec. 11.
Heeling machine. B. F. Mayo. 1,447,261; Mar. 6.
Helical teeth, more particularly for bevel gears, Method and machine for planing. H. Brandenberger. 1,460,640; July 3.
Helicopter. E. Berliner. 1,472,148; Oct. 30.
Helicopter. E. R. Mitton. 1,477,147; Dec. 11.
Helicopter. A. Overbeek. 1,455,352; May 15.
Helicopter. W. Ratliff. 1,469,330; Oct. 2.
Helicopter. W. Vettel. 1,468,847. Sept. 25.
Helicopters, Differential drive for. R. P. Pescara. 1,456,399; May 22.
Helmet. J. E. McNary. 1,450,379; Apr. 3.
Helmet. F. D. Waldron. 1,456,524; May 29.
Helm-limiting device. A. D. Trenor. Re15,694; Oct. 2.
Hemmer and tucker, Combined. E. M. Beadle. 1,471,719; Oct. 23.
Hemmers, Attachment for. G. J. Axt. 1,466,574; Aug. 28.
Hemstitching machines, Attachment for. F. and H. Burgert. 1,478,379; Dec. 25.
Hemstitching machines, Yard meter for. L. N. Faubion. 1,477,049; Dec. 11.
Hemstitching mechanism, Multiple-needle. H. A. and C. E. Jacobs. 1,445,956; Feb. 20.
Hemp, flax, perini, jute, etc., Treating or retting and curing. H. I. Cromer. 1,448,391; Mar. 13.
Hemp machine. K. Wessel. 1,447,450; Mar. 6.
Hemp-shredding device. A. S. Hernandez. 1,445,436; Feb. 13.
Hens, Attachment for. C. E. Carpenter. 1,450,247; Apr. 3.
Hide splitters, Stamping attachment for. J. F. Neiley. 1,471,192; Oct. 16.
Hide stretching, ensuppling, and trimming machine, Haired and unhaired. T. Pernin and J., dit G., Klotz. 1,476,217; Dec. 4.
Hide-working machine. A. A. Hutchinson. 1,467,728; Sept. 11.
Hides and the like, Apparatus for treating. B. H. Tilston and T. Melbourne. 1,472,999; Nov. 6.
Hides, Tanning. A. Lüttringhaus and L. Blangey. 1,469,044; Sept. 25.
High-capacity spring. J. F. O'Connor. 1,457,931; June 5.
High chair. M. Gronsdahl. 1,452,911; Apr. 24.
High chair, Adjustable. C. J. Walker. 1,465,291; Aug. 21.
High chair, Rocking. J. B. Gugler. 1,447,302; Mar. 6.
High-frequency modulation device. P. I. Wold. 1,467,596; Sept. 11.
High-frequency screen. H. H. Keller. 1,446,298; Feb. 20.
High-frequency signaling system. E. F. W. Alexanderson. 1,466,263; Aug. 28.
High-frequency signaling system. W. R. G. Baker. 1,455,099; May 15.
High-frequency signaling, Device for. M. Latour. 1,470,628; Oct. 16.
High-power dry battery. A. A. Wells. 1,452,230; Apr. 17.
High-temperature resistor material. N. B. Pilling and R. E. Bedworth. 1,467,810; Sept. 11.
High-tension cut-out system and the like. F. C. Van Etten. 1,453,774; May 1.
High-tension disconnecting switch. F. P. Lawler. 1,464,368; Aug. 7.
Highway and similar foundation. J. H. Amies. 1,453,261; May 1.
Highway construction. H. M. Knight. 1,469,939; Oct. 9.

Alphabetical list of inventions—Continued.

Highway-crossing protection. H. Bezer. 1,467,303; Sept. 11.
Highway-crossing signal. E. W. Vogel. 1,450,998; Apr. 10.
Highway signal. W. V. Bergen and A. C. Shute. 1,467,892; Sept. 11.
Highway signal. E. H. Medén. 1,475,309; Nov. 27.
Highways and the like, Surfacing composition for. D. M. Hepburn. 1,456,492; May 22.
Hinge. C. R. Belk. 1,459,872; June 26.
Hinge. E. R. Bicker. 1,461,175; July 10.
Hinge. E. Bommer. 1,447,641; Mar. 6.
Hinge. R. F. Carpenter and T. F. Anderson. 1,446,449; Feb. 27.
Hinge. J. Farver. 1,467,476; Sept. 11.
Hinge. B. T. Hain. 1,453,106; Apr. 24.
Hinge. H. E. Holbrook. 1,465,268; Aug. 21.
Hinge. W. R. Hornberger. 1,471,158; Oct. 16.
Hinge. M. Jensen. 1,465,912; Aug. 21.
Hinge. E. A. Kopf. 1,442,156; Jan. 16.
Hinge. E. J. Larson. 1,474,418; Nov. 20.
Hinge. T. L. Lilly. 1,441,159; Jan. 2.
Hinge. D. McNeill. 1,444,695; Feb. 6.
Hinge. F. W. Muhlenbruch. 1,467,191; Sept. 4.
Hinge. O. Nadolney. 1,469,525; Oct. 2.
Hinge. C. B. Parsons. 1,477,148; Dec. 11.
Hinge. E. O. Roberts and R. F. Dotsch. 1,456,574; May 29.
Hinge. J. Soss. 1,477,193; Dec. 11.
Hinge. A. L. Wagstaff. 1,467,344; Sept. 11.
Hinge. G. W. Wells. 1,455,690; May 15.
Hinge and corner iron. I. E. Marshall. 1,440,739; Jan. 2.
Hinge, Ball-bearing. N. B. Hurd. 1,466,228; Aug. 28.
Hinge construction. R. I. Rhodes and P. T. Simmons. 1,477,717; Dec. 18.
Hinge, Detachable F. Hachmann. 1,476,966; Dec. 11.
Hinge, Door. L. A. Sunde and R. H. Dalton 1,467,124; Sept. 4.
Hinge for bookcases, etc. J. Burcsak. 1,466,039; Aug. 28.
Hinge for change receivers. J. H. Kemper, P. M. Hoffmann, and J. M. Teetor. 1,473,771; Nov. 13.
Hinge for cooking utensils. J. P. Carlin. 1,476,797; Dec. 11.
Hinge for oven doors. J. F. Lamb. 1,475,838; Nov. 27.
Hinge, Gate. B. Briggs. 1,442,557; Jan. 16.
Hinge, Gate. J. W. Durham. 1,467,029; Sept. 4.
Hinge, Gate. C. W. Hinkle. 1,462,759; July 24.
Hinge, Gate. W. E. Mehanna. 1,469,425; Oct. 2.
Hinge guard. S. J. Shepherd. 1,444,398; Feb. 6.
Hinge, Latching. W. Wright. 1,475,335; Nov. 27.
Hinge-lock clevis. L. H. Damm. 1,467,844; Sept. 11.
Hinge, Locking. K. O. Gober. 1,456,886; May 29.
Hinge pin. E. L. Forker. 1,478,706; Dec. 25.
Hinge-retaining plate. A. Peltier. 1,446,722; Feb. 27.
Hinge, Self-locking. M. W. Ausbourne. 1,440,713; Jan. 2.
Hinge, Spectacle. F. A. Morris. 1,467,946; Sept. 11.
Hinge structure. S. Hammer. 1,473,290; Nov. 6.
Hinge, Utensil. C. T. Carlson. 1,471,776; Oct. 23.
Hinge, Windshield. A. C. Auster. 1,466,781; Sept. 4.
Hinged closure. E. A. Hill. 1,476,202; Dec. 4.
Hinged or similar members, Device for operating. J. McKechnie. 1,443,694; Jan. 30.
Hinges and other like articulated articles, Production of. G. W. Berry. 1,456,862; May 29.
Hinges, Die for making and securing sheet-metal. E. B. Bicker. 1,447,200; Mar. 6.
Hinges, Making. P. Frantz. 1,467,244; Sept. 4.
Hitch, Safety. W. E. Belcher. 1,443,832; Jan. 30.
Hitch. R. E. Classon. 1,465,158; Aug. 14.
Hitch. T. T. Fultz. 1,447,539; Mar. 6.
Hitch. O. M. Julson. 1,473,563; Nov. 6.
Hitch. J. L. Miller. 1,458,838; June 12.
Hitch. F. M. Morris. 1,465,168; Aug. 14.
Hitching and tethering device. E. J. Delbridge. 1,456,627; May 29.
Hitching post, Auto. H. G. Miller and M. M. Selzer. 1,470,198; Oct. 9.
Hive entrance. M. V. Lovett. 1,462,711; July 24.
Hob. C. G. Olson. 1,454,135; May 8.
Hob. N. Trbojevich. 1,465,151; Aug. 14.
Hob grinder. H. E. Harris. 1,478,433; Dec. 25.
Hobbing machine. K. L. Herrmann. 1,444,247; Feb. 6.
Hod. A. E. Long. 1,475,125; Nov. 20.
Hod, Mortar. N. A. Gibbons. 1,467,314; Sept. 11.
Hog holder. R. A. Langenbacher. 1,476,895; Dec. 11.
Hoe. G. F. Brackett. 1,475,362; Nov. 27.
Hoe. W. F. Dunbar. 1,468,628; Sept. 25.
Hoe. F. R. Leonard. 1,446,802; Feb. 27.
Hoe. C. M. Wolfe. 1,444,719; Feb. 6.
Hoe and rake tool, Combined. M. Harris. 1,469,144; Sept. 25.
Hog-dehairing machine. J. W. Kohlhepp. 1,473,299; Nov. 6.
Hog feeder. C. B. Alspach. 1,449,485; Mar. 27.
Hog feeder. L. W. Bell. 1,443,203; Jan. 23.
Hog holder and pig puller. E. G. Knudtston. 1,463,776; July 31.
Hog oiler. D. S. Dick. 1,471,109; Oct. 16.
Hog oiler. C. N. Peterson. 1,460,561; July 3.
Hog oiler, Automatic. A. M. Doty. 1,478,178; Dec. 18.
Hog pincers. G. H. Wilson. 1,451,133; Apr. 10.
Hog ring. H. C. Konklin. 1,474,784; Nov. 20.
Hog ring. M. Lund. 1,443,996; Feb. 6.
Hog ring. C. W. Shelden. 1,470,295; Oct. 9.
Hog-ringing device. W. W. Lamson. 1,460,970; July 3.
Hog-scraping machines, Beater device for. W. Pratt. 1,460,863; July 3.
Hog shackler. S. Chazen and C. J. Madsen. 1,467,605; Sept. 11.
Hog trough. W. R. Hemelstrand. 1,462,793; July 24.
Hog-trough apparatus. A. B. Shively. 1,450,519; Apr. 3.
Hog-trough guard. W. T. Lawhead. 1,470,629; Oct. 16.
Hogs, Crate for catching and holding. W. L. Barlow. 1,455,101; May 15.
Hoist. D. P. Karcher. 1,456,131; May 22.
Hoist. W. E. Simpson. 1,461,052; July 10.
Hoist. H. S. Valentine. 1,455,369; May 15.
Hoist and dump wagon, Combination high. J. Gasser. 1,447,719; Mar. 6.
Hoist, Combined coal and cinder. C. P. Ross. 1,468,606; Sept. 18.
Hoist, Cupalo-charging. W. H. Morgan. 1,457,450; June 5.
Hoist drums, Reversible drive mechanism for. N. C. Woodin. 1,449,717; Mar. 27.
Hoist, Dump-body. W. B. Engler. 1,453,663; May 1.
Hoist especially suitable for use on board ship, Ammunition. H. W. Lee. 1,465,990; Aug. 28.
Hoist, Fluid. J. P. Heil. 1,474,834; Nov. 20.
Hoist for motor vehicles, Hydraulic. E. F. Walsh. 1,465,658; Aug. 21.
Hoist for vehicle bodies. H. C. Struchen. 1,459,935; June 26.
Hoist for vehicle bodies. H. C. Struchen. 1,463,637; July 31.
Hoist, Free-chain. F. W. Coffing. 1,464,259; Aug. 7.
Hoist heater, Hydraulic-. G. A. Wood. 1,476,748; Dec. 11.
Hoist, Lifting. L. P. West. 1,440,570; Jan. 2.
Hoist, Mechanical. T. Galloway. 1,469,900; Oct. 9.
Hoist, Portable. L. V. Fraley. 1,444,737; Feb. 6.
Hoist, Portable. W. J. Hickman. 1,446,562; Feb. 27.
Hoist, Portable power. R. A. Norling. 1,459,032; June 19.
Hoist, Skip. W. E. Hale. 1,474,902; Nov. 20.
Hoist, Skip. G. E. Mellin. 1,446,313; Feb. 20.
Hoist skips, Weighing and loading apparatus for. D. F. Lepley. 1,475,637; Nov. 27.
Hoist tower for building operations. A. F. Walther. 1,459,123; June 19.
Hoist-traveler-centering device. I. D. Landis. 1,441,096; Jan. 2.
Hoist, Truck. W. H. Remsen. 1,446,483; Feb. 27.
Hoisting apparatus. Z. E. Colby. 1,456,488; May 22.
Hoisting apparatus. T. F. Hunter. 1,440,919; Jan. 2.
Hoisting apparatus. G. G. Lendi. 1,455,214; May 15.
Hoisting apparatus. N. D. Levin. 1,447,025; Feb. 27.
Hoisting apparatus. A. D. Lightner and E. Holmes. 1,468,482; Sept. 18.
Hoisting apparatus. A. E. Norris. 1,447,624; Mar. 6.
Hoisting boom, Means for mounting apparatus on a. C. A. Weber. 1,458,739; June 12.
Hoisting cage. V. T. Barkley. 1,467,223; Sept. 4.
Hoisting device. A. Boulanger. 1,478,272; Dec. 18.
Hoisting device. W. H. Darrah. 1,444,954; Feb. 13.
Hoisting device. A. E. Norris. 1,473,248; Nov. 6.
Hoisting device, Movable. F. J. Bryant. 1,454,881; May 15.
Hoisting machine. H. C. Beckwith. 1,450,882; Apr. 3.
Hoisting machine. L. Falzer and E. M. Webber. 1,461,650; July 10.
Hoisting machine. L. M. Jordan. 1,466,289; Aug. 28.
Hoisting machine. T. S. Miller. 1,476,535; Dec. 4.
Hoisting machine. C. Uhl. 1,455,897; May 22.
Hoisting mechanism. A. Falkenau. 1,452,964; Apr. 24.
Hoisting mechanism, Counterbalanced. A. G. Reese. 1,464,294; Aug. 7.
Hoists, Brake and clutch operating mechanism for. W. E. Hale. 1,457,973; June 5.
Hoists, Brake for electric-motor-operated. M. Cosulich. 1,462,265; July 17.
Hoists, Safety-limit switch for electric. M. A. Beck. 1,454,827; May 8.
Holder: *See*—
Broom holder. Paper holder.
Implement holder.
Holder. H. Berlow. 1,445,475; Feb. 13.
Holder. E. H. and R. H. Binns. 1,460,743; July 3.
Holder. H. L. Johnson. 1,457,250; May 29.
Holder device. C. O. Hayward. 1,469,317; Oct. 2.
Holder, wrench, and clamp, Combination. A. G. Harris. 1,478,651; Dec. 25.
Holding device. B. A. Johnson. 1,470,843; Oct. 16.
Holding device. S. S. Matthes. 1,461,779; July 17.
Holding device. G. H. Reimer. 1,452,816; Apr. 24.
Hole-forming device. C. A. Riney. 1,448,236; Mar. 13.
Hollander engine. L. W. Van Buskirk. 1,446,282; Feb. 20.
Hollow bodies, Press for producing. K. Böhle. 1,470,593; Oct. 16.
Holy-water fountain, Pocket. V. G. Matre. 1,459,230; June 19.
Homogenizer. H. S. Lamb. 1,466,797; Sept. 4.
Hone or road leveler, Portable reversible grade. S. B. Jamieson. 1,462,577; July 24.

Honey board, Queen-excluding. D. G. Little. 1,445,778; Feb. 20.
Honey extractor. W. F. Vollmer and J. N. DeMuth. 1,474,865; Nov. 20.
Honey receptacle. G. W. Spikes. Des. 62,368; May 15.
Hood and screen, Folding. G. L. W. Palmer. 1,460,600; July 3.
Hood attachment. H. D. Andrews. 1,447,114; Feb. 27.
Hood clamp. F. Mueller. 1,456,396; May 22.
Hood clamp. L. A. Sweet. 1,442,369; Jan. 16.
Hood fastener. J. B. Covi. 1,472,242; Oct. 30.
Hood latch. J. F. White. 1,455,371; May 15.
Hood or casing, Protecting. H. Bacharach. 1,445,060; Feb. 13.
Hood support. A. E. Ashley. 1,454,595; May 8.
Hoof holder. G. W. Jones. 1,472,527; Oct. 30.
Hoof pad. B. M. Trauger. 1,442,748; Jan. 16.

Hook: *See*—

Antiskid-chain hook.
Automobile hook.
Backband hook.
Brassière hook.
Butt hook.
Buttonhook.
Cant hook.
Cargo hook.
Chain hook.
Choker hook.
Clip hook.
Clothes hook.
Clothesline hook.
Clothing hook.
Collar hook.
Conductor hook.
Crane hook.
Derrick hook.
Dobby hook.
Double-end hook.
Drapery hook.
Eccentric hook.
Fishing hook.
Fly hook.
Hanger hook.
Hasp hook.
Line hook.
Logging bull hook.
Meat hook.
Mud hook.
Picture-molding hook.
Reed hook.
Rim connecting hook.
Safety hoisting hook.
Safety hook.
Sliding hook.
Snap hook.
Tire-chain hook.
Trip hook.
Watch-bracelet hook.
Vibrator hook.

Hook. J. Bolei. 1,475,046; Nov. 20.
Hook. A. Côté. 1,465,510; Aug. 21.
Hook. C. S. Hinderliter. 1,453,502; May 1.
Hook. E. Johnson. 1,453,680; May 1.
Hook. S. P. Johnson. 1,478,520; Dec. 25.
Hook. E. and C. Luebke. 1,476,627; Dec. 4.
Hook. E. E. Minder. 1,471,973; Oct. 23.
Hook. G. Popps. 1,470,481; Oct. 9.
Hook. J. F. Selvidge. 1,441,378; Jan. 9.
Hook. E. S. Soule. 1,473,885; Nov. 13.
Hook. B. A. Still. 1,477,293; Dec. 11.
Hook. J. W. Wagner. 1,445,372; Feb. 13.
Hook, G. M. Wofford and J. A. Bristow. 1,459,488; June 19.
Hook and eye. J. J. Abrahams. 1,455,698; May 15.
Hook and eye. F. D. Collins and T. H. Coker. 1,458,807; June 12.
Hook and link, Logging. L. E. Parker. 1,456,931; May 29.
Hook bolt. L. P. Halladay. 1,441,498; Jan. 9.
Hook coupling. F. W. Henrikson. 1,449,229; Mar. 20.
Hook fastener. T. M. Avery. 1,451,315; Apr. 10.
Hook fitting, Fixture-. W. J. Newton. 1,469,587; Oct. 2.
Hoop. E. Hanner. 1,451,258; Apr. 10.
Hoop-iron ends, Seal for. J. Bayer. 1,474,883; Nov. 20.
Hopper. W. B. Runk. 1,472,495; Oct. 30.
Hopper, Adjustable coin. J. P. Lavigne and L. Spinks. 1,443,481; Jan. 30.
Hopper, Attachable. M. L. Trimmer. 1,463,232; July 31.
Hopper, Batch-measuring. G. H. MacLean. 1,478,751; Dec. 25.
Hopper-door-operating mechanism. F. S. Gallagher. 1,475,572; Nov. 27.
Hopper, Feeding. O. D. Collis. 1,460,226; June 26.
Hopple. J. B. Kopf. 1,455,341; May 15.
Hopple. E. Moore and S. F. Welsh. 1,473,637; Nov. 13.
Horn. C. J. Schmitt. 1,449,843; Mar. 27.
Horn and making the same, Laminated. B. R. Seabrook. 1,468,519; Sept. 18.
Horn, Electrically-operated warning. R. W. Maudslay. 1,477,375; Dec. 11.
Horn-operating mechanism. D. Cairella. 1,474,188; Nov. 13.
Horn, Resonance. E. Meyer. 1,475,769; Nov. 27.
Horn, Signal. J. C. Coulombe. 1,441,402; Jan. 9.
Horn, Vibrator. M. F. Fitzgerald. 1,468,444; Sept. 18.
Horn weight. W. C. Tagert. 1,467,769; Sept. 11.
Horological instrument. E. R. Deering. 1,467,926; Sept. 11.
Horse-collar framework, forming a tube, Metal. P. Clavier. 1,467,568; Sept. 11.
Horse, Mechanical. J. Viozzi. 1,444,486; Feb. 6.
Horse protector. E. M. Orstad. 1,459,601; June 19.
Horse, Rocking-. H. Meister. 1,478,449; Dec. 25.
Horsehair fabrics, Treating. F. Schoeller. 1,469,023; Sept. 25.
Horses, Nonslip device for. M. Hallanan. 1,454,999; May 15.
Horseshoe. G. M. Bogie and A. Smithson. 1,451,007; Apr. 10.
Horseshoe. A. D. Cartwright. 1,474,018; Nov. 13.
Horseshoe. J. S. Curzon. 1,468,196; Sept. 18.
Horseshoe. H. A. Frey. 1,451,905; Apr. 17.
Horseshoe. W. H. Giles. 1,471,119; Oct. 16.
Horseshoe. P. Levesque. 1,455,918; May 22.
Horseshoe. C. L. Luallen. 1,455,632; May 15.
Horseshoe. F. C. Robertson. 1,441,602; Jan. 9.
Horseshoe. F. C. Robertson and P. P. Rooney 1,477,007; Dec. 11.
Horseshoe. F. Sala. 1,447,153; Feb. 27.
Horseshoe. C. Soltesz. 1,461,333; July 10.
Horseshoe. C. J. Wunderlich. 1,476,867; Dec. 11.
Horseshoe. I. Yoshida and K. Matsubayashi. 1,458,869; June 12.
Horseshoe and calk therefor. J. Paff. 1,472,025; Oct. 23.
Horseshoe attachment. A. Pritchard. 1,470,101; Oct. 9.
Horseshoe calk. J. Dinkelacker. 1,458,527; June 12.
Horseshoe calk. J. H. Freeman. 1,458,648; June 12.
Horseshoe for pitching contests. G. W. May. 1,453,156; Apr. 24.
Horseshoe, Hoof-protecting. D. Simon and A. Gottlieb. 1,452,317; Apr. 17.
Horseshoe, Nailless. J. R. Carman. 1,471,827; Oct. 23.
Horseshoe pad. J. C. Law. 1,478,874; Dec. 25.
Horseshoeing device. J. P. Turner. 1,461,297; July 10.
Horseshoes, Apparatus for the manufacture of. J. H. Farrer. 1,463,012; July 24.
Hose. J. T. Lister. 1,469,519; Oct. 2.
Hose. G. B. Mellus. 1,474,328; Nov. 13.
Hose. E. Schulthess. 1,455,359; May 15.
Hose and fitting, Assembling. M. Loughead. 1,461,130; July 10.
Hose and making same. E. G. Kimmich. 1,449,760; Mar. 27.
Hose and making same, Nonexpansive. M. Loughead. 1,457,781; June 5.
Hose attachment. C. Peller. 1,470,639; Oct. 16.
Hose clamp. G. Blaise. 1,447,956; Mar. 13.
Hose clamp. W. M. Davenport. 1,473,609; Nov. 13.
Hose clamp. W. C. Deibert. 1,448,615; Mar. 13.
Hose clamp. H. W. Johnson. 1,441,154; Jan. 2.
Hose clamp. J. R. Lowrey. 1,477,573; Dec. 18.
Hose clamp. B. Morgan. 1,477,071; Dec. 11.
Hose clamp. N. A. Petry. 1,464,335; Aug. 7.
Hose clamp. L. M. Quémard. 1,461,290; July 10.
Hose clamp. W. T. Rutledge. 1,465,792; Aug. 21.
Hose clamp. H. P. Ryan. 1,442,909; Jan. 23.
Hose clamp. H. P. Terheide. 1,445,568; Feb. 13.
Hose clamp. W. V. Thompson. 1,476,024; Dec. 4.
Hose clamp. N. Walker. 1,473,133; Nov. 6.
Hose clamp. H. G. Wessel. 1,473,715; Nov. 13.
Hose-clamp-display stand. A. E. Feige. Des. 62,669; July 17.
Hose-clamping tool. F. W. Gunn. 1,442,402–13; Jan. 16.
Hose-clamping tool. J. R. Lowrey. 1,453,940; May 1.
Hose clamps. I. G. Yoders and J. C. Filby. 1,442,209; Jan. 16.
Hose construction. C. M. C. Baird. 1,453,823; May 1.
Hose coupler, Automatic air- S. J. W. Rader. 1,462,821; July 24.
Hose coupling. W. E. Burroughs. 1,474,995; Nov. 20.
Hose coupling. E. Bylund. 1,456,761; May 29.
Hose coupling. J. H. Hanrahan. 1,474,586; Nov. 20.
Hose coupling. A. Moyen. 1,446,057; Feb. 20.
Hose coupling. J. M. Ruhmann. 1,470,196; Oct. 9.
Hose coupling. H. H. Todd. 1,440,508; Jan. 2.
Hose coupling. J. R. Van Nagell. 1,476,119; Dec. 4.
Hose coupling. W. G. Wilson. 1,450,126; Mar. 27.
Hose coupling, Air-. H. G. Schowe and H. J. Hansen. 1,455,451; May 15.
Hose coupling, Air-. J. Stenger. 1,458,862; June 12.
Hose coupling, Automatic. J. M. Towle. 1,471,427; Oct. 23.
Hose elevating and supporting device. J. E. Addy. 1,468,620; Sept. 25.
Hose fitting. M. Loughead. 1,468,601; Sept. 18.
Hose, Flexible metal. E. Witzenmann. 1,459,487; June 19.
Hose mender, band, and coupling. F. H. Paradice. 1,454,073; May 8.
Hose, Metal. J. Owens. 1,469,528; Oct. 2.
Hose protector, Air-. O. M. King and A. J. Brooks. 1,475,269; Nov. 27.
Hose rack. W. McClintock. 1,471,500; Oct. 23.
Hose reel. I. A. Crocker. 1,472,737; Oct. 30.
Hose reel. R. F. France. 1,441,572; Jan. 9.
Hose reel. F. L. Greenlaw. 1,460,897; July 3.
Hose reel. O. Krenke. 1,441,157; Jan. 2.
Hose reel. G. More. 1,450,006; Mar. 27.
Hose reel, Self-winding. W. A. Springowski. 1,458,861; June 12.
Hose reel, Stationary. W. A. and A. U. Casper. 1,449,730; Mar. 27.
Hose retriever, Automatic. F. K. Hotchkiss. 1,445,616; Feb. 13.
Hose-retrieving device. D. B. Kenney. 1,449,946; Mar. 27.
Hose, Safety gas. F. G. Henning. 1,459,100; June 19.
Hose stand, Air-. W. R. Mackey. 1,468,538; Sept. 18.
Hose stand, Air-. G. F. Royer. 1,453,999; May 1.
Hose support, Garden. E. E. Thomas. 1,447,579; Mar. 6.
Hose supporter. W. G. Agee. 1,464,380; Aug. 7.
Hose supporter. J. Callan. 1,477,424; Dec. 11.
Hose supporter. C. J. Hazelton. 1,467,158; Sept. 4.
Hose supporter. S. Jay. 1,442,475; Jan. 16.
Hose supporter. S. E. McCreary. 1,458,986; June 19.
Hose supporter. B. Morse. 1,458,353; June 12.

Alphabetical list of inventions—Continued.

Hose supporter. M. F. F. Wilson. 1,449,925; Mar. 27.
Hose supports, Garden-. A. R. Smith. 1,470,123; Oct. 9.
Hose. Wire-wound. R. B. Whitmarsh. 1,478,083; Dec. 18.
Hosiery. A. E. Stewart. Des. 62,924; Aug. 21.
Hosiery. J. J. Sullivan. 1,473,686; Nov. 13.
Hosiery. H. H. West. Des. 62,764; July 24.
Hosiery and making same. G. P. Bosworth. 1,459,496–7; June 19.
Hosiery and making the same. G. P. Bosworth. 1,449,375; Mar. 27.
Hosiery, Apparatus for drying. J. G. Hanes. 1,472,978; Nov. 6.
Hosiery-display fixture. M. Maxwell. Des. 61,835; Jan. 23.
Hosiery, Edge reenforcer for. E. Schwarz-Berchenmeier. 1,449,555; Mar. 27.
Hosiery form. T. H. DeLacy. 1,450,913; Apr. 10.
Hosiery press. D. H. Benjamin. 1,440,862; Jan. 2.
Hospital pad or cushion. M. Dorrance. 1,478,557; Dec. 25.
Hot-air furnace. J. Chalmers. 1,453,063; Apr. 24.
Hot-air furnace. J. C. Kanak. 1,462,287; July 17.
Hot-air furnace. F. M. Welch and T. Prescott. 1,449,712; Mar. 12.
Hot-air heater. A. C. Pyle and J. F. Brewer. 1,475,874; Nov. 27.
Hot-air heater. F. T. Spencer and A. and C. G. Jamison. 1,464,545; Aug. 14.
Hot-blast heater. E. M. Bassler. 1,476,789; Dec. 11.
Hot plate. R. Matsushita. 1,469,166; Sept. 25.
Hot plate and laundry stove, Combined. R. Hoffman. 1,460,129; June 26.
Hot plate, Gas. H. J. McGowan. 1,477,971; Dec. 18.
Hot-water bottle and the like. F. A. Hart. 1,477,261; Dec. 11.
Hot-water heater. F. W. Juderjahn. 1,449,678; Mar. 27.
Hotwell ejector. H. F. Schmidt. 1,468,746; Sept. 25.
House, Apartment. D. Kollmer. 1,454,241; May 8.
House construction. E. Feuillette. 1,454,110; May 8.
House construction, Electric-switch-. B. G. Jamieson. 1,454,744; May 8.
House number and step illuminator. C. P. Peterson. 1,475,866; Nov. 27.
House-numbering device. H. E. Herrick. 1,446,180; Feb. 20.
House, Portable. C. W. Andrews. 1,459,761; June 26.
Household appliance. F. M. Davis. 1,472,051; Oct. 30.
Household article, Combination. H. R. Bethke. 1,440,904; Jan. 2.
Household furnace. R. S. Twogood. 1,464,892; Aug. 14.
Household implement. E. J. Kennedy. 1,466,838; Sept. 4.
Household mixer and beater. G. B. Coleman. 1,460,125; June 26.
Household mixing apparatus. J. H. Russell. 1,455,664; May 15.
Houses embodying glass, Stucco treatment of. L. Gornick. 1,440,732; Jan. 2.
Houses or rooms, Cooling system for. L. A. Goodwin. 1,451,215; Apr. 10.
Housing for machinery. F. G. Alborn. 1,444,020; Feb. 6.
Hovers and brooders, Ventilating means for chicken. J. W. Myers. 1,453,162; Apr. 24.
Hub. F. A. Nauts. 1,448,312; Mar. 13.
Hub and axle construction, Wheel. H. Wallace. 1,451,244; Apr. 10.
Hub and journal box. H. W. Sanford. 1,477,449; Dec. 11.
Hub and shock absorber, Friction. M. Fruchtl. 1,446,895; Feb. 27.
Hub and spoke, Steering-wheel. D. E. Ross. 1,442,539; Jan. 16.
Hub and wheel holding device. E. P. Miller. 1,459,597; June 19.
Hub-bearing construction. F. A. Nauts. 1,461,223; July 10.
Hub cap. J. H. Bourgon. Des. 62,163; Apr. 3.
Hub-cap attachment. C. F. Reilley and J. J. Ludwig. 1,455,306; May 15.
Hub-cap-locking device. L. Fine. 1,464,812; Aug. 14.
Hub-cap-locking device. F. Jerdone, jr. 1,468,474; Sept. 18.
Hub, Cushioned. C. E. Soper. 1,461,166; July 10.
Hub-flange seats, Apparatus for truing. W. L. Mantha. 1,471,795; Oct. 23.
Hub for eccentrics, Detachable. J. M. Stone. 1,453,417; May 1.
Hub, Free-wheel. H. Ludwig. 1,457,311; June 5.
Hub liner. W. W. Ramsey. 1,455,935; May 22.
Hub, Spring. H. N. Brown. 1,447,410; Mar. 6.
Hub, Spring wheel. J. I. Duchâteau. 1,442,656; Jan. 16.
Hub structure, Demountable. L. B. Harvey. 1,442,944; Jan. 23.
Hub, Wheel. J. R. Winter. 1,451,248; Apr. 10.
Hubs, Emergency attachment for broken. J. W. Heyer. 1,440,736; Jan. 2.
Hubs, Making metal wheel. J. L. Hecht. 1,452,200; Apr. 17.
Hubs, Making wheel. C. S. Ash. 1,471,134; Oct. 16.
Hubs, Means for securing rotary members of contractile material to metallic. P. J. R. Postel-Vinay. 1,463,838; Aug. 7.
Huller: *See*—
Almond huller. Rice huller.
Humidifier. W. Boss. 1,472,150; Oct. 30.
Humidifier. C. E. Hendrix. 1,473,676; Nov. 13.
Humidifier. C. C. Hockins. 1,453,137; Apr. 24.
Humidifier. J. M. McHenry. 1,443,490; Jan. 30.
Humidifier. J. O. Patty. 1,459,794; June 26.
Humidifier. C. Pohl. 1,475,920; Nov. 27.
Humidifiers, Casing for. F. S. Stafford. Des. 62,748; July 24.
Humidifying apparatus control. A. W. Lissauer and W. L. Fleisher. 1,458,490; June 12.
Humidity indicating and regulating device. H. P. Clausen. 1,459,391; June 19.
Humidor. J. Gerstle. 1,474,254; Nov. 13.
Humidor. H. M. Kreh. 1,472,478; Oct. 30.
Humidor. R. Ornduff. 1,469,104; Sept. 25.
Humidor. H. A. Shaw. 1,462,832; July 24.
Humidor and ash tray, Combined. I. M. Clarke. Des. 62,476; June 12.
Humidor, Cigarette. F. A. Sileo. Des. 62,346; May 8.
Husking machine. F. H. Knapp. 1,463,364; July 31.
Husking machine, Green-corn-. S. E. and W. W. Morral. 1,445,843; Feb. 20.
Husking pin. J. W. Ring. 1,445,558; Feb. 13.
Husking rolls F. B. Dues. 1,462,539; July 24.
Hut, Removable. A. Muzzi, C. Bibolini, and L. Vincina. 1,478,904; Dec. 25.
Hut, Sheet-metal. H. O. Davidson. 1,447,966; Mar. 13.
Hydrant, Box and lid. G. M. Hall. 1,455,723; May 15.
Hydrant, Fire-alarm. E. E. Ferguson. 1,443,254; Jan. 23.
Hydraulic apparatus, Automatic. P. Samain. 1,466,412; Aug. 28.
Hydraulic brake. M. Loughead. 1,460,164; June 26.
Hydraulic brake. W. W. MacDonald. 1,454,397; May 8.
Hydraulic brake. W. W. Thompson. 1,449,562; Mar. 27.
Hydraulic classifier. R. B. Elder. 1,451,067; Apr. 10.
Hydraulic classifier. N. O. Harmon. 1,467,285; Sept. 4
Hydraulic coupling. F. Mayer. 1,472,930; Nov. 6.
Hydraulic ejector. A. R. Griesemer. 1,459,153; June 19.
Hydraulic engine. R. E. Newcomb. 1,472,421; Oct. 30.
Hydraulic expanding bar. D. V. Sickman. 1,460,508; July 3.
Hydraulic expansion bar. D. V. Sickman. 1,477,601; Dec. 18.
Hydraulic jack. H. W. Armstrong. 1,459,432; June 19.
Hydraulic jack. A. Paoli. 1,455,223–4; May 15.
Hydraulic jack. J. A. Ross. 1,465,365; Aug. 21.
Hydraulic machine. F. Nagler. 1,476,998; Dec. 11.
Hydraulic machines, Lever-locking device for. W. J. Hagman. 1,477,171; Dec. 11.
Hydraulic motor. F. E. Ebel. 1,457,927; June 5.
Hydraulic motor. R. Rivera. 1,458,922; June 12.
Hydraulic press. J. I. Creigh. 1,469,499; Oct. 2.
Hydraulic press. H. H. Hummell. 1,446,901; Feb. 27.
Hydraulic press. J. S. Prius. 1,469,689; Oct. 2.
Hydraulic press. H. T. Shriver. 1,467,201; Sept. 4.
Hydraulic press. F. E. Stevenson. 1,468,523; Sept. 18.
Hydraulic press. L. D. Whitney. 1,467,130; Sept. 4.
Hydraulic presses, Safety device for. J. D. Alley. 1,441,775; Jan. 9.
Hydraulic pressure system. C. F. Schwennker. 1,441,758; Jan. 9.
Hydraulic separator. H. R. Wahl. 1,442,199; Jan. 16.
Hydraulic shock absorber. M. D. Taylor. 1,464,686; Aug. 14.
Hydraulic testing apparatus, Adjustment attachment for. F. P. Mills. 1,473,963; Nov. 13.
Hydrazanisol production. R. A. Nelson. 1,469,586; Oct. 2.
Hydroaeroplane. C. Dornier. 1,453,496; May 1.
Hydrocarbon burner. C. A. Berkins. 1,444,766; Feb. 6.
Hydrocarbon burner. W. Egle. 1,447,770; Mar. 6.
Hydrocarbon burner. W. A. Harris. 1,466,938; Sept. 4.
Hydrocarbon burner. C. R. Kittle. 1,448,223; Mar. 13.
Hydrocarbon burner. W. J. Krause. 1,474,677; Nov. 20.
Hydrocarbon burner. P. S. Martin. 1,449,431; Mar. 27.
Hydrocarbon burner. W. R. Park. 1,457,000; May 29.
Hydrocarbon burner. C. H. Pidgeon. 1,466,186; Aug. 28.
Hydrocarbon burner. E. C. Walker. 1,474,867; Nov. 20.
Hydrocarbon burner. A. G. Yent. 1,470,418; Oct. 9.
Hydrocarbon-consuming heating apparatus. G. R. Lawrence. 1,445,965; Feb. 20.
Hydrocarbon-containing materials, Apparatus for the treatment of naturally-occurring. C. P. Bowie and M. J. Gavin. 1,453,037; Apr. 24.
Hydrocarbon derivatives, Apparatus for treating. H. B. Setzler. 1,449,452; Mar. 27.
Hydrocarbon materials, Producing. D. T. Day. 1,467,758; Sept. 11.
Hydrocarbon motor. W. E. Blaine. 1,455,986; May 22.
Hydrocarbon motor. H. D. Church. 1,455,832; May 22.
Hydrocarbon motor. H. D. Church. 1,469,149; Sept. 25.
Hydrocarbon motor. H. D. Church. 1,473,141; Nov. 6.
Hydrocarbon motor. E. G. Gunn. 1,464,568; Aug. 14.
Hydrocarbon motor. C. R. Short. 1,457,943; June 5.
Hydrocarbon motor. M. Tibbetts. 1,448,641; Mar. 13.
Hydrocarbon motor. J. G. Vincent. 1,442,108; Jan. 16.
Hydrocarbon motor. J. G. Vincent. 1,448,682; Mar. 13.
Hydrocarbon motor. J. G. Vincent. 1,461,990; July 17.
Hydrocarbon motor. J. G. Vincent. 1,467,963; Sept. 11.

Hydrocarbon motor. L. M. Woolson. 1,448,650–1; Mar. 13.
Hydrocarbon motor L. M. Woolson. 1,451,035; Apr. 10.
Hydrocarbon motor. L. M. Woolson. 1,467,970; Sept. 11.
Hydrocarbon motor. L. M. Woolson. 1,473,136; Nov. 6.
Hydrocarbon, Nitrating aromatic. S. P. Miller and J. R. Hess. 1,457,543; June 5.
Hydrocarbon-vapor generator. W. Ruff. 1,458,502: June 12.
Hydrocarbon vaporizer and burner. E. Meltzer. 1,456,900; May 29.
Hydrocarbons, and particularly crude petroleum, Treating. P. von Ditmar. 1,448,643; Mar. 13.
Hydrocarbons, Apparatus for distilling. C. W. Thompson. 1,475,901; Nov. 27.
Hydrocarbons, Apparatus for and method of cracking. F. E. Wellman. 1,478,413; Dec. 25.
Hydrocarbons, Apparatus for treating. B. Andrews. 1,464,918; Aug. 14.
Hydrocarbons, Apparatus for treating. S. L. Gartlan. 1,445,433; Feb. 13.
Hydrocarbons from higher-boiling hydrocarbons, Process of and apparatus for the manufacture of lower-boiling. A. M. McAfee. 1,476,091; Dec. 4.
Hydrocarbons from water, Separating. W. A. Brown. 1,472,384–5; Oct. 30.
Hydrocarbons, Means for cracking. H. A. and S. A. Wier. 1,454,142; May 8.
Hydrocarbons, Method and apparatus for burning. W. M. Hoffman. 1,468,021; Sept. 18.
Hydrocarbons, Process and apparatus for burning heavy. P. L. G. Kreutzberger and P. Germain. 1,473,566; Nov. 6.
Hydrocarbons, Process and apparatus for the production of low-boiling-point. J. C. Black. 1,456,419; May 22.
Hydrocarbons, Purification of. D. F. Gould. 1,441,417; Jan. 9.
Hydrocarbons, Treating. G. Egloff. 1,478,559; Dec. 25.
Hydrocarbons, Treating. A. Schwarz. 1,458,443; June 12.
Hydrocarbons, Treating heavy. U. S. Jenkins and S. Schwartz. 1,440,996; Jan. 2.
Hydrocarbons, Treating of. J. H. C. de Brey. 1,465,598–9; Aug. 21.
Hydrocarbons, Treatment of. W. F. Rittman. 1,462,247; July 17.
Hydrocarbons, Treatment of. H. Rostin. 1,451,052; Apr. 10.
Hydrocarbons, Utilizing gaseous unsaturated. C. Ellis. 1,464,152; Aug. 7.
Hydrochloric and arsenic acids, Making. C. Ellis and V. G. Stewart. 1,447,937; Mar. 6.
Hydrocupreine, Manufacture of alkylized derivatives of. H. Thron. 1,458,670; June 12.
Hydrocycle. F. Brady. 1,462,027; July 17.
Hydrodynamic separation of particles, Method of and apparatus for the. T. Nagel. 1,459,921–2; June 26.
Hydrogen, Adding. C. Ellis. 1,476,330; Dec. 4.
Hydrogen and oxygen, Manufacture of. F. G. Clark. 1,446,736; Feb. 27.
Hydrogen detector. M. Arendt and E. V. Brown. 1,467,911; Sept. 11.
Hydrogen, Indicating the presence and percentage of. P. R. Bassett. 1,467,084; Sept. 4.
Hydrogen, Production of. A. R. Griggs. 1,466,619; Aug. 28.
Hydrogenating unsaturated compounds, Method of and apparatus for. C. M. Page. 1,472,281; Oct. 30.
Hydrogenation furnace. T. Midgley, jr. 1,467,905; Sept. 11.
Hydrometer. E. F. Andrews. 1,453,488; May 1.
Hydrometers, Manufacture of. M. E. Moeller. 1,473,309; Nov. 6.
Hydroplane, Giant. C. Dornier. 1,441,563; Jan. 9.
Hydropneumatic device. N. M. Delong. 1,455,718; May 15.
Hydrosulphites, Apparatus for making. F. A. Eustis. 1,472,828; Nov. 6.
Hydrothermostatic system. E. V. Hill. 1,460,128; June 26.
Hypodermic needle. O. W. Kress. 1,465,851; Aug. 21.
Hypnotic and analgesic compound. E. H. Volwiler. 1,478,463; Dec. 25.
Hypodermic-needle base. P. E. Ingalls. 1,470,981; Oct. 16.
Hyposulphite manufacture. H. Kühne and F. Bencker. 1,477,130; Dec. 11.
Hypsometer. R. G. Merritt. 1,455,347; May 15.
Ice bag. H. E. Hodgson. 1,441,282; Jan. 9.
Ice-block freezer. H. J. Smith. 1,451,376; Apr. 10.
Ice box. A. Breen. 1,464,641; Aug. 14.
Ice box. L. Houze. 1,466,941; Sept. 4.
Ice box. E. R. Steel and P. C. Molgard. 1,478,770; Dec. 25.
Ice box for fish and other sea food. L. M. Bowlus. 1,451,416; Apr. 10.
Ice box for use at soda fountains. F. M. Hill. 1,478,121; Dec. 18.
Ice box or refrigerator. C. S. Johnson. 1,455,003; May 15.
Ice can. B. Phillips. 1,446,394; Feb. 20.
Ice-card holder. E. L. Swarts. 1,444,810; Feb. 13.
Ice chute and run, Self-centering. G. Holtz and C. Gress. 1,450,887; Apr. 3.
Ice cream and similar products to be maintained cold for many hours, Cooling container or so-called "dry containers" for. J. E. Graham. 1,462,450; July 17.
Ice cream, Apparatus for manufacture of. L. A. Sutermeister. 1,449,458; Mar. 27.
Ice-cream box, Brick. W. L. Wright. 1,476,563; Dec. 4.
Ice cream, Bricking. R. H. Smith. 1,463,851; Aug. 7.
Ice-cream-bricking machine. E. J. Retzbach. 1,453,407; May 1.
Ice-cream cabinet. G. H. Balzereit. 1,447,005; Feb. 27.
Ice-cream cabinet. E. N. Bourdon. 1,468,133; Sept. 18.
Ice-cream cabinet. G. H. Eccles. 1,456,920; May 29.
Ice-cream cabinet. G. G. Peterson. 1,465,027; Aug. 14.
Ice-cream cabinet, Thermos. A. J. Verville. 1,443,934; Jan. 30.
Ice-cream cone. D. Gerber. Des. 63,464; Dec. 11.
Ice-cream cone. O. S. Katzick. Des. 62,220; Apr. 17.
Ice-cream cone. E. W. Wood. Des. 62,515; June 12.
Ice-cream-cone-baking machine. D. L. Stull. 1,446,136; Feb. 20.
Ice-cream-cone carrier. F. E. Cook. 1,448,259; Mar. 13.
Ice-cream-cone-rolling machine. H. G. Tatosian. 1,440,851; Jan. 2.
Ice-cream cones, Apparatus for coating. M. E. Buhse. 1,467,835; Sept. 11.
Ice-cream cones, Apparatus for the manufacture of. A. J. Walker. 1,476,122; Dec. 4.
Ice-cream cones, Carrier for. G. E. Redoute. 1,448,866; Mar. 20.
Ice-cream cones, Machine for making. F. H. Miller. 1,461,709; July 10.
Ice-cream container. R. T. Hunt. 1,449,409; Mar. 27.
Ice-cream container. L. Sturges. 1,443,053; Jan. 23.
Ice-cream container, Brick. C. Nelson. 1,444,131; Feb. 6.
Ice-cream cutter. H. Schott. 1,447,900; Mar. 6.
Ice-cream-cutting machine. S. D. Bracken. 1,455,988; May 22.
Ice-cream-cutting machine. W. H. Fox. 1,457,624; June 5.
Ice-cream-cutting machine. V. Guardino. 1,441,800; Jan. 9.
Ice-cream dipper. W. G. Lyman. 1,460,551; July 3.
Ice-cream dipper. W. R. Ripley. 1,472,533; Oct. 30.
Ice-cream dispenser. R. F. Smallwood. 1,441,305; Jan. 9.
Ice-cream-dispensing device. I. S. Erman. 1,458,224; June 12.
Ice-cream, etc., container. H. Mock. 1,448,077; Mar. 13.
Ice-cream filler. G. B. Bright. 1,447,614; Mar. 6.
Ice-cream freezer. E. F. Collins. 1,441,832; Jan. 9.
Ice-cream freezer. J. F. Miller. 1,477,515; Dec. 11.
Ice-cream freezer. L. S. Pfouts. 1,449,623; Mar. 27.
Ice-cream freezer. E. D. Sargent. 1,458,855; June 12.
Ice-cream freezer. T. H. Stough. 1,473,588; Nov. 6.
Ice-cream freezer. S. J. Van Kuren. 1,478,073; Dec. 18.
Ice-cream freezer. C. G. Wennerstrom. 1,447,497; Mar. 6.
Ice-cream freezer. R. M. Woods. 1,455,418; May 15.
Ice-cream freezers and the like, Driving attachment for. W. Wirtz. 1,454,203; May 8.
Ice-cream freezers, Temperature-controlling means for. G. A. Wegner. 1,473,065; Nov. 6.
Ice-cream-freezing apparatus. J. G. Peck. 1,477,279; Dec. 11.
Ice cream, Machine for bricking. R. H. Smith. 1,463,850; Aug. 7.
Ice cream, Machine for cutting brick. T. T. Harris. 1,473,553; Nov. 6.
Ice cream, Packaging brick. W. L. Wright. 1,444,050; Feb. 6.
Ice-cream packer or shipping receptacle. J. N. Graves. 1,473,226; Nov. 6.
Ice-cream-packing machine. H. L. Percy. 1,442,820; Jan. 23.
Ice cream, Producing. E. Hauk. 1,442,945; Jan. 23.
Ice-cream-receptacle-filling means. P. H. Drumm. 1,475,803; Nov. 27.
Ice-cream receptacles, Apparatus for removing the division plates from. H. Dilas. 1,452,678; Apr. 24.
Ice-cream scoop. M. P. Rodopulos. 1,459,638; June 19.
Ice-cream-stand guard. M. M. Tennant. 1,446,997; Feb. 27.
Ice-cream test cup. J. J. Mojonnier. 1,445,789; Feb. 20.
Ice-cream tub. W. Whitsel. 1,443,062; Jan. 23.
Ice-cream-vending cabinet. E. Wisroth. 1,451,134; Apr. 10.
Ice creeper. C. T. Byrd. 1,469,619; Oct. 2.
Ice creeper. C. P. Gifford. 1,442,882; Jan. 23.
Ice crusher. Q. L. Webb and W. R. Polson. 1,478,931; Dec. 25.
Ice cutter, Electrically-heated. J. Deenihan. 1,477,631; Dec. 18.
Ice-cutting implement. F. E. Biddinger. 1,474,343; Nov. 20.
Ice machine. E. Schaller. 1,447,487; Mar. 6.
Ice machine. H. E. Willsie. 1,455,823; May 22.
Ice machine, Compressed-air. V. A. Wilson. 1,452,403; Apr. 17.
Ice-making apparatus. W. Griesser. 1,449,225; Mar. 20.
Ice-making apparatus. O. J. Morris. 1,465,280; Aug. 21.

Alphabetical list of inventions—Continued.

Ice-making apparatus. R. W. Taylor. 1,442,193; Jan. 16.
Ice-making apparatus. R. G. Willard. 1,448,584; Mar. 13.
Ice-making apparatus, Artificial-. H. D. Pownall. 1,474,551; Nov. 20.
Ice-making apparatus, Method of and means for agitating water in. B. Reynolds. 1,476,220; Dec. 4.
Ice manufacture. R. Ellis. 1,460,646; July 3.
Ice pick. H. E. Keeler. 1,461,152; July 10.
Ice picks and books, Service holder for. C. E. Erickson. Des. 63,460; Dec. 11.
Ice, Process and apparatus for making. L. G. Nordmeyer. 1,461,828; July 17.
Ice, Process of and apparatus for manufacturing. R. F. Lindsay. 1,464,433; Aug. 7.
Ice receptacle. B. H. Blount. 1,453,266; May 1.
Ice-sawing device. E. Harding. 1,447,468; Mar. 6.
Ice, Scoring. S. B. Rayzor. 1,443,039; Jan. 23.
Ice-scoring machine. S. B. Rayzor. 1,443,696; Jan. 30.
Ice scraper for rails. H. A. Berkowitz. 1,464,921; Aug. 14.
Ice shaver. L. F. Cotey. 1,478,175; Dec. 18.
Ice shaver. A. J. Murzicos. 1,444,353; Feb. 6.
Ice-shaving machine. F. L. Shaw and D. Dummer. 1,449,917; Mar. 27.
Ice tongs. O. R. Meinholdt. 1,459,339; June 19.
Icing machine, Flat-. F. M. Peters and W. H. Hungerford. 1,460,825; July 3.
Identification clamp. H. V. McCulloch. 1,470,280; Oct. 9.
Identification device. A. B. Hennech. 1,450,854; Apr. 3.
Identification device. A. N. C. Thorp. 1,474,861; Nov. 20.
Identification device. V. E. West. 1,463,755; July 31.
Identification exhibitor. W. J. Dillard and T. F. Shepler. 1,444,669; Feb. 6.
Identification method and means. M. Tibbetts. 1,467,961; Sept. 11.
Identification tag. C. F. Mitchell and C. R. Boesche. 1,469,100; Sept. 25.
Igniter. K. Berglof. 1,474,661; Nov. 20.
Igniter. R. Rosner. 1,458,548; June 12.
Igniter, Burner. P. C. Hass. 1,476,201; Dec. 4.
Igniter, Electric firework. W. C. Neahr. 1,445,904; Feb. 20.
Igniter, Explosive-engine. J. T. Lykens. 1,476,900; Dec. 11.
Igniter, Gas. H. S. Cederholm. 1,447,532; Mar. 6.
Igniter, Mechanical. A. L. Powell. 1,463,751; July 31.
Igniter, Protected electrode. W. C. Heath. 1,441,681; Jan. 9.
Igniter, Vacuum. J. V. Rice, jr.—1,449,191; Mar. 20.
Igniters, Mounting for magneto. A. R. Baker. 1,446,442; Feb. 27.
Igniting mixture. C. I. B. Henning. 1,447,551; Mar. 6.
Ignition and lighting generator, Combined. L. J. Le Pontois. 1,458,139; June 12.
Ignition and lighting switch. A. H. Weiss. 1,443,404; Jan. 30.
Ignition apparatus. F. Aiken. 1,458,375; June 12.
Ignition apparatus. W. A. Chryst. 1,466,929; Sept 4.
Ignition apparatus. O. F. Conklin. 1,463,197; July 31.
Ignition apparatus. A. Howard. 1,466,720; Sept. 4.
Ignition apparatus. A. A. Kent. 1,474,970; Nov. 20.
Ignition apparatus. A. A. Kent. 1,476,522; Dec. 4.
Ignition apparatus. C. F. Kettering and W. A. Chryst. 1,465,644; Aug. 21.
Ignition circuits, Switch for controlling. J. A. Bessey, jr. 1,468,793; Sept. 25.
Ignition coil. C. F. Gilchrist and H. R. Patterson. 1,449,666; Mar. 27.
Ignition coil. H. R. Patterson. 1,452,167; Apr. 17.
Ignition coil. A. Toelle. 1,465,618; Aug. 21.
Ignition-controlling apparatus. A. Howard. 1,466,719; Sept. 4.
Ignition device. C. A. Bowlus. 1,464,307; Aug. 7.
Ignition device. L. O. French. 1,443,175; Jan. 23.
Ignition device. C. S. Noe and J. Kaufman. 1,456,188; May 22.
Ignition device, Electrothermal. L. F. Hoffman. 1,453,461; May 1.
Ignition generators, Impulse starter for. C. H. Tower. 1,450,010; Mar. 27.
Ignition lock. G. M. Walters. 1,448,888; Mar. 20.
Ignition machine, Magneto-electric. A. G. L. Neighbour. 1,449,345; Mar. 20.
Ignition machine, Magneto-electric. A. G. L. Neighbour. 1,467,062; Sept. 4.
Ignition means and method. S. A. Hasbrouck. 1,448,215; Mar. 13.
Ignition protector. G. H. Luckenbach. 1,473,239; Nov. 6.
Ignition-spark intensifier. C. B. Evans and S. S. Knierim. 1,445,937; Feb. 20.
Ignition switch. W. Kaisling. 1,450,728; Apr. 3.
Ignition switch. W. Kaisling. Re15,700; Oct. 16.
Ignition-switch block. S. L. Gadbury. 1,466,279; Aug. 28.
Ignition system. E. G. Buresch. 1,469,582; Oct. 2.
Ignition system. W. A. Chryst. 1,446,962; Feb. 27.
Ignition system. H. W. Eichbaum. 1,466,209; Aug. 28.
Ignition system. T. A. Egger. 1,447,971; Mar. 13.
Ignition system. W. W. Hawkins. 1,466,829; Sept. 4.
Ignition system. W. W. Hawkins. 1,466,940; Sept. 4.
Ignition system. W. W. Hawkins. 1,475,184; Nov. 27.
Ignition system. O. E. Huebner. 1,449,323; Mar. 20.
Ignition system. J. H. Hunt. 1,444,464–5; Feb. 6.
Ignition system. J. H. Hunt. 1,446,970; Feb. 27.
Ignition system. J. H. Hunt. 1,459,893; June 26.
Ignition system. J. H. Hunt. 1,463,956; Aug. 7.
Ignition system. J. H. Hunt. 1,466,529; Aug. 28.
Ignition system. L. S. Keilholtz. 1,474,780; Nov. 20.
Ignition system. M. Mallory, 1,442,489; Jan. 16.
Ignition system. H. R. Patterson. 1,458,908; June 12
Ignition system. W. W. Riedel. 1,441,451; Jan. 9.
Ignition system, High-frequency. C. M. Page. 1,450,110; Mar. 27.
Ignition systems. Circuit breaker for. A. L. Riker. 1,457,462; June 5.
Ignition systems, Current regulator for. S. D. Livingston. 1,457,310; June 5.
Ignition systems, Means for locating trouble in. A. Pache. 1,450,896; Apr. 3.
Ignition systems, Testing device for. C. W. Morgan. 1,459,114; June 19.
Ignition systems, Timer for. E. L. Morse. 1,474,376; Nov. 20.
Ignition systems, Wiring for. R. N. Baughn and J. E. Fulmer. 1,476,577; Dec. 4.
Ignition timer. N. A. Backscheider. 1,469,243; Oct. 2.
Ignition timer. J. H. Hunt. 1,462,860; July 24.
Illuminated indicator. P. A. Johnson. 1,471,337; Oct. 23.
Illuminated sign. S. and A. E. Christenson. 1,462,849; July 24.
Illuminating appliance. W. A. Dorey. 1,459,325; June 19.
Illuminating appliance. W. A. Dorey. 1,475,260; Nov. 27.
Illuminating device. C. L. La Jeunesse. 1,460,136; June 26.
Illuminating device. W. H. Spencer. Re15,624; June 12.
Illumination, Method and apparatus for. W. W. Ayres. 1,457,485; June 5.
Illusion appliance. L. E. Hammond and H. A. Smith. 1,456,233; May 22.
Illusion device. H. Goldin. 1,458,575; June 12.
Illustrative display sheet. I. G. Stevens. 1,455,123; May 15.
Images and apparatus therefor, Projecting. G. H. S. and H. N. D. McNair and C. T. Siebs. 1,473,913; Nov. 13.
Images by transmitted light, Producing. B. P. Hall. 1,468,965; Sept. 25.
Images, Method and apparatus for producing distorted. G. L. Chanier. 1,457,209; May 29.
Images, Production of complemental. D. F. Comstock. 1,460,706; July 3.
Impact-producing implement. E. Epstein. 1,450,435; Apr. 3.
Impervious material and its production. W. F. Bleecker. 1,462,003; July 17.
Implement handle. L. H. Mertz. 1,455,502; May 15.
Implement holder. F. R. Kreeger. 1,466,737; Sept. 4.
Implement holder. E. P. Orrill. 1,445,029; Feb. 13.
Implement pole. W. A. Leslie. 1,476,720; Dec. 11.
Implement support and carriage. D. E. Richardson. 1,452,003; Apr. 17.
Implements, Controlling device for drawn. V. Pellissier. 1,461,198; July 10.
Impregnating apparatus. O. N. Tevander. 1,469,737; Oct. 2.
Impression and cast retainer. W. M. Gambill. 1,470,826; Oct. 16.
Imprinting machine. L. Hopkins. 1,450,949; Apr. 10.
Impulse coupling. J. Pauly. 1,454,942; May 15.
Impulse coupling. A. Rosner. 1,464,663; Aug. 14.
Impulse sender. M. Setter. 1,461,944; July 17.
Impulse transmitter. W. T. Powell. 1,458,545; June 12.
Impulses, Eliminating undesired. R. A. Fessenden. 1,473,179; Nov. 6.
Incandescent bulbs, Tool for handling. E. Weber. 1,449,358; Mar. 20.
Incense burner. J. O. Bentley. 1,450,790; Apr. 3.
Incense burner. G. A. Hamilton. Des. 61,828; Jan. 23.
Incense burner. S. Kodama. 62,331; May 8.
Incense burner. J. Shively. Des. 63,334; Nov. 20.
Incinerator. C. C. Christensen and R. McCalpin. 1,476,490; Dec. 4.
Incinerator. H. E. Elrod. 1,452,031; Apr. 17.
Incinerator. J. Feigenbaum. 1,477,638; Dec. 18.
Incinerating apparatus, Garbage and sewage. J. C. Curry. 1,463,761; July 31.
Inclosed switch. J. E. Carr. 1,463,151; July 31.
Inclosed switch. B. E. Getchell. 1,473,574; Nov. 6.
Inclosed switch. C. D. Platt. 1,441,599; Jan. 9.
Inclosed switch. C. D. Platt. 1,463,908; Aug. 7.
Inclosure, Demountable side. L. H. Clark. 1,474,316; Nov. 13.
Incubator. J. Harris. 1,456,005; May 22.
Incubator. J. S. Mackenzie. 1,454,325; May 8.
Incubator. W. S. Porter. 1,471,805; Oct. 23.
Incubator. W. J. Schenkel, jr. 1,448,464; Mar. 13.
Incubator. E. A. Swihart. 1,467,886; Sept. 11.
Incubator attachment. O. P. Morrison. 1,440,743; Jan. 2.
Incubator egg tray. H. and J. Schaechterle. 1,441,947; Jan. 9.

Incubator, Electric. L. R. Oakes. 1,460,349; June 26.
Incubators, Egg-tray and turner for. L. V. Brake. 1,442,245; Jan. 16.
Incubators, Egg-turning attachment for. S. Peterman. 1,460,602; July 3.
Incubators, Egg-turning means for. E. S. Elliott. 1,444,783; Feb. 13.
Incubators, Egg-turning means for. G. C. and C. Kitchen. 1,456,559; May 29.
Index. J. H. Rand. 1,462,497; July 24.
Index. R. C. Russell. Re15,582; Apr. 17.
Index, Adjustable. J. T. Quigley. 1,450,751; Apr. 3.
Index, Card. R. C. Russell. 1,478,762–7; Dec. 25.
Index, Card. S. E. Trout. 1,461,407; July 10.
Index-card support. G. H. Dawson. 1,470,257; Oct. 9.
Index, Consolidated tariff. C. B. Guthrie. 1,457,363; June 5.
Index device. J. H. Rand. 1,454,406; May 8.
Index device. J. H. Rand. 1,462,822; July 24.
Index device. J. H. Rand. 1,469,534; Oct. 2.
Index, Filing. P. Dietrich. 1,462,268; July 17.
Index frame. J. H. Rand. 1,444,358; Feb. 6.
Index holder and recapitulating frame. H. C. Hollander. 1,449,045; Mar. 20.
Index or file leaf. W. H. Day. 1,446,839; Feb. 27.
Index or reference device, Visible. J. H. Rand, jr. 1,454,653; May 8.
Index, Rotatable. J. H. Rand. 1,466,059; Aug. 28.
Index-strip machine and process, Folded-. E. G. Lang. 1,473,190; Nov. 6.
Index tab. J. Barker. 1,475,165; Nov. 27.
Index tab. W. A. Hardy. 1,455,288; May 15.
Index tab. W. A. Ringler. 1,462,626; July 24.
Index tab. W. A. Ringler. 1,472,887; Nov. 6.
Index tab, Card-. H. C. McPike and F. A. Schmitz. 1,460,761; July 3.
Index tag. T. G. Biggs. 1,465,576; Aug. 21.
Index, Timing. V. W. Pagé. 1,461,671; July 10.
Indexes, Guide card for card. H. C. Thomson. 1,465,499; Aug. 21.
Indexing device. E. P. Bullard, jr. 1,455,282; May 15.
Indexing mechanism. C. H. Schurr. 1,467,985; Sept. 11.
Indicating device. M. H. Damerell. 1,461,083; July 10.
Indicating device. J. G. Hamilton. 1,447,977; Mar. 13.
Indicating device. P. G. Jacobson. 1,463,321; July 31.
Indicating device. L. A. Mapel. 1,465,768; Aug. 21.
Indicating device. E. F. Potter. 1,466,479; Aug. 28.
Indicating gauge. E. G. Strong. 1,467,341; Sept. 11.
Indicating instruments, Equipment for. L. A. Mapel. 1,445,842; Feb. 20.
Indicating lock. A. Liebmann. 1,445,444; Feb. 13.
Indicating machine. C. W. Gilman. 1,447,346; Mar. 6.
Indicating means. C. R. Cameron. 1,457,426; June 5.
Indicating means. B. M. Weinberger. 1,448,610; Mar. 13.
Indicating mechanism. J. W. Flower. 1,442,716; Jan. 16.
Indicating mechanism. C. Fulton. 1,467,847; Sept. 11.
Indicating or recording device particularly adapted for use by golfers. N. G. Eveson. 1,468,901. Sept. 25.
Indicating organs, Device for transmitting positions of. E. Roučka. 1,476,183; Dec. 4.
Indicator: *See*—
Aircraft landing indicator.
Automobile direction indicator.
Automobile signal indicator.
Automobile speed indicator.
Baseball-umpire's indicator.
Compression indicator.
Dial indicator.
Direction indicator.
Electrical-impulse indicator.
Electrolyte-level indicator.
Fare indicator.
Illuminated indicator.
Inspection indicator.
Level indicator.
Liquid indicator.
Liquid-level indicator.
Load indicator.
Luminous indicator.
Low-water indicator.
Margin indicator.
Polarity indicator.
Position indicator.
Potential indicator.
Pressure indicator.
Price indicator.
Radiator indicator.
Recording indicator.
Route indicator.
Shuttle-pressure indicator.
Specific-gravity indicator.
Speed indicator.
Station indicator.
Stop and direction indicator.
Street indicator.
Surface indicator.
Telephone indicator.
Temperature indicator.
Test indicator.
Time indicator.
Tire-mileage indicator.
Track-hazard indicator.
Traffic indicator.
Traffic-signal indicator.
Vehicle direction indicator.
Velocity indicator.
Voltage indicator.
Water-level indicator.
Wheel alignment indicator
Wheel angle indicator.
Indicator. P. Lo Cascio. 1,462,028; July 17.
Indicator. D. C. Cox. 1,450,410; Apr. 3.
Indicator. J. F. Dodd. 1,473,472; Nov. 6.
Indicator. N. S. Harter. 1,456,310; May 22.
Indicator. E. F. Kinzler. 1,477,962; Dec. 18.
Indicator. N. C. McConahy. 1,462,371; July 17.
Indicator. B. Miller. 1,445,228; Feb. 13.
Indicator. A. Poirier. 1,472,193; Oct. 30.
Indicator. R. Reynolds. 1,455,936; May 22.
Indicator. H. W. Slauson. 1,456,155; May 22.
Indicator. A. Sundh and W. Westerman. 1,451,281; Apr. 10.
Indicator. A. Sundh and W. Westerman. 1,455,277; May 15.
Indicator. A. White. 1,476,385; Dec. 4.
Indicator and gauge, Combined. T. R. Nichols. 1,460,436; July 3.
Indicator and recorder, Combined. H. J. Doolan. 1,455,835; May 22.
Indicator and signal. H. L. Opsahl. 1,471,625; Oct. 23.
Indicator magneto. W. W. Hawkins. 1,448,346; Mar. 13.
Indicator, Motor. C. J. Henschel. 1,452,157; Apr. 17.
Indicator with mechanical transmission to a distance. L. A. M. Corset. 1,471,831; Oct. 23.
Indicators at a distance, Electrical apparatus for controlling. J. C. Needham. 1,476,538; Dec. 4.
Indicators, Attachment for. L. A. Paine. 1,464,772; Aug. 14.
Indicators, Neutralizer for governor-controlled. M. W. Koski. 1,442,726; Jan. 16.
Indicators, Remote control for. O. E. Groshell. 1,442,064; Jan. 16.
Indices and knitting the same, Fashioning. W. S. Parker and J. Jesperson. 1,451,841; Apr. 17.
Indicia-carrying rack. J. R. Dumont. 1,455,192; May 15.
Indigos, Making brominated. C. J. Strosacker and H. J. Rupright. 1,473,887; Nov. 13.
Inductance. H. P. Donle. 1,465,546; Aug. 21.
Induction apparatus, Stationary. S. E. Johannesen. 1,477,359; Dec. 11.
Induction apparatus, Stationary. E. D. Treanor. 1,477,396; Dec. 11.
Inductance coil. E. G. Danielson. 1,455,081; May 15.
Inductance element, Variable. W. J. Shackelton. 1,445,242; Feb. 13.
Inductance unit. A. Taylor. 1,477,608; Dec. 18.
Inductance, Variable. M. C. M. Lane. 1,445,896; Feb. 20.
Inductance, Variable. E. T. Turney. 1,445,422; Feb. 13.
Inductances, Measuring and testing of. C. W. Robbins. 1,456,076; May 22.
Induction apparatus, Stationary. H. O. Stephens. 1,445,978; Feb. 20.
Induction coil. J. H. Hunt and W. A. Chryst. 1,467,973; Sept. 11.
Induction coil. A. A. Kent. 1,474,152; Nov. 13.
Induction coil, Self-. R. R. Herrmann. 1,459,397; June 19.
Induction furnace, Multiple-unit. C. B. Foley. 1,453,097; Apr. 24.
Induction motor, Commutator repulsion. C. A. M. Weber. 1,454,872; May 15.
Industrial oven. W. C. Ehmka. 1,474,515; Nov. 20.
Inflammability of materials, Reducing. A. Arent. 1,451,313; Apr. 10.
Inflammable liquids, Safety system for storing. P. A. P. V. Mauclere. 1,446,263; Feb. 20.
Inflatable ball. R. H. Taylor. 1,473,260; Nov. 6.
Inflating device. M. C. Schweinert. 1,478,584; Dec. 25.
Inflating device, Automatic. H. F. Whitted and F. G. Schulze. 1,469,201; Sept. 25.
Information apparatus, Selective. L. R. McDonald. 1,446,259; Feb. 20.
Information apparatus, Selective. L. R. McDonald. 1,477,887; Dec. 18.
Ingot and like mold. E. Walton. 1,472,200; Oct. 30.
Ingot feeder, Automatic. H. Krautblatt. 1,476,086; Dec. 4.
Ingot of refractory metals and making same. J. A. Yunck. 1,469,761; Oct. 2.
Ingot mold. E. Gathmann. 1,440,535; Jan. 2.
Ingot mold and ingot. E. Gathmann. 1,455,197; May 15.
Ingot-mold bottom plate. R. S. Poister. 1,472,493; Oct. 30
Ingot molds, Feeder for. B. H. Howard and E. J. Turner. 1,454,740; May 8.
Ingot molds, Reversible feeder for. B. H. Howard and E. J. Turner. 1,454,742; May 8.
Ingots, billets, and the like, Heating furnace for. C. W. Heppenstall. 1,444,918; Feb. 13.
Ingots, Means to compress. A. A. Claassen. 1,463,771; July 31.
Inhalation apparatus, Pocket. G. H. Johnson. 1,449,047; Mar. 20.
Inhaler. E. W. Blackwood. 1,455,385; May 15.
Inhaler. H. B. Dismond. 1,476,194; Dec. 4.
Inhaler. W. Stricker. 1,470,124; Oct. 9.
Inhaler, Combination. R. A. Rice. 1,465,316; Aug. 21.
Inhaling apparatus. D. R. Cooper. 1,442,253; Jan. 16.
Initiation device. U. S. De Moulin. 1,455,113; May 15.
Injector. E. Blauhorn. 1,457,140; May 29.
Injector. C. A. Dawley. 1,458,810; June 12.
Injector. R. D. and J. C. Metcalfe. 1,472,337; Oct. 30.
Ingredients and centrifugal bowl used in such process, Centrifugally separating refrigerated. C. H. Hapgood. 1,472,868; Nov. 6.
Ink. R. W. Hilton. 1,449,943; Mar. 27.
Ink. H. and W. C. Kruse. 1,464,944; Aug. 14.
Ink and making same. R. Cross. 1,441,664; Jan. 9.
Ink, Apparatus for conserving. R. Solomon. 1,458,860; June 12.
Ink cartridge. B. B. Goldsmith. 1,472,063–5; Oct. 30.
Ink cartridge. B. B. Goldsmith. 1,473,700; Nov. 13.

Ink cartridge, Permanent. B. B. Goldsmith. 1,472,067; Oct. 30.
Ink composition. R. R. Dement. 1,471,884; Oct. 23.
Ink container. B. B. Goldsmith. 1,472,066; Oct. 30.
Ink container. R. P. Tompkins. 1,442,499; Jan. 16.
Ink distributor. D. V. Kaufman. 1,457,252; May 29.
Ink eradicator. T. W. Cappon. 1,475,932; Dec. 4.
Ink, Manufacture of. W. O. Snelling. 1,449,067; Mar. 20.
Ink, Printing. G. W. Herbein. 1,469,414; Oct. 2.
Ink, Printing. W. J. McElroy and J. Clarke. 1,450,692; Apr. 3.
Ink, Printing. W. J. McElroy and J. Clarke. 1,471,746; Oct. 23.
Ink-distributing-drum-vibrating means. E. F. Dudley. 1,464,925; Aug. 14.
Ink, Rotogravure. A. Schwenterley. 1,447,734; Mar. 6.
Inking device. G. W. Beebe. 1,444,053; Feb. 6.
Inking mechanism. J. R. Blaine. 1,472,898; Nov. 6.
Inking mechanism. C. W. Harrold. 1,452,043; Apr. 17.
Inking mechanism. J. J. Walser and H. Fankboner. 1,450,269–70; Apr. 3.
Inking pad. A. B. Carroll. 1,474,143; Nov. 13.
Inkstand, Blotting. J. G. Schwartz. 1,460,507; July 3.
Inkstand for soluble ink. B. B. Goldsmith. 1,473,701; Nov. 13.
Inkwell. H. J. Champagne. 1,468,067; Sept. 18.
Inkwell. V. Dornberger. 1,458,471; June 12.
Inkwell. F. C. Luethi. 1,475,840; Nov. 27.
Inkwell, Fountain. J. K. Ullman. 1,458,863; June 12.
Innersole. M. Brown. 1,473,695; Nov. 13.
Innersole. E. A. Howe. 1,468,363; Sept. 18.
Innersoles, Rib tightener for Gem. T. F. Hart. 1,462,792; July 24.
Inner tube. H. F. Bledsoe. 1,455,038; May 15.
Inner tube. G. A. Lane. 1,463,742; July 31.
Inner tube. H. A. Longshore. 1,446,915; Feb. 27.
Inner tube. T. J. McCaffrey. 1,450,096; Mar. 27.
Inner tube. D. C. McRoberts. 1,443,754; Jan. 30.
Inner tube. J. R. Meredith. 1,474,085; Nov. 13.
Inner tube. M. P. Mitchell. 1,451,304; Apr. 10.
Inner tube. H. C. Privett. 1,453,949; May 1.
Inner tube. J. Riley. 1,465,867; Aug. 21.
Inner tube. A. E. Storer. 1,443,392; Jan. 30.
Inner tube. J. C. Wise. 1,459,172; June 19.
Inner-tube protector. J. O. Belt. 1,468,099; Sept. 18.
Inseam-trimming machine. A. B. Fowler. 1,474,353; Nov. 20.
Insect and worm catcher. L. E. Baker. 1,450,538; Apr. 3.
Insect catcher. Z. Burroughs. 1,447,375; Mar. 6.
Insect catcher. C. Fowler. 1,470,435; Oct. 9.
Insect catcher. C. Fowler. 1,478,330; Dec. 18.
Insect catcher. H. D. Johnson. 1,448,447; Mar. 13.
Insect catcher. L. Patton. 1,446,126; Feb. 20.
Insect catcher. L. Patton. 1,467,494–5; Sept. 11.
Insect catcher. W. C. Wilson. 1,461,169; July 10.
Insect-catching device. B. F. Alink. 1,474,427; Nov. 20.
Insect destroyer. C. H. La Croix. 1,452,918; Apr. 24.
Insect destroyer. R. O. Heggelund. 1,459,396; June 19.
Insect destroyer. A. J. Strickland. 1,476,655; Dec. 4.
Insect-destroying device. M. Nakamura. 1,458,071; June 5.
Insect exterminator. H. Alexander. 1,473,535; Nov. 6.
Insect exterminator. H. V. Cross. 1,478,424; Dec. 25.
Insect exterminator. W. C. and C. P. Long and J. M. Stephens. 1,458,070; June 5.
Insect exterminator. F. Oldham. 1,465,557; Aug. 21.
Insect guard. A. Parrella. 1,471,630; Oct. 23.
Insect-powder blower of the bellows type. H. T. Spencer. 1,462,773; July 24.
Insect-repellent composition. H. Loudin. 1,471,344; Oct. 23.
Insect trap. L. L. Belnap. 1,455,100; May 15.
Insect trap. J. C. Brown. 1,454,667; May 8.
Insect trap. J. J. Noonan. 1,445,906; Feb. 20.
Insect trap. E. Voges. 1,471,986; Oct. 23.
Insects, Machine for exterminating. E. H. Field and W. H. Holman. 1,468,230; Sept. 18.
Insecticidal compound. M. Y. Seaton. 1,444,430; Feb. 6.
Insecticide. C. D. Cassady. 1,468,342; Sept. 18.
Insecticide. W. S. Cox. 1,469,773; Oct. 9.
Insecticide. N. E. Morgan. 1,475,445; Nov. 27.
Insecticide and making same. E. O. Barstow and P. Cottringer. 1,466,983; Sept. 4.
Insecticide distributor. W. H. Franks. 1,474,668; Nov. 20.
Insert holder. W. E. White. 1,445,254; Feb. 13.
Inserting machine. E. R. Richards. 1,449,697; Mar. 27.
Insole, Ventilating. J. Klepac. 1,453,394; May 1.
Inspecting device. F. G. Henry. 1,447,176; Mar. 6.
Inspection indicator. J. D. Elsom. 1,467,716; Sept. 11.
Inspection table. W. A. Contant. 1,468,803; Sept. 25.
Instantaneous heater. C. D. McLean. 1,460,025; June 26.
Instrument case, Sectional. H. A. Wallace. 1,467,345; Sept. 11.
Instrument, Combination. D. Garlatti. 1,458,046; June 5.
Instrument, Combination. G. Turkovich. 1,465,746; Aug. 21.
Instrument table. L. R. Trompeter. 1,458,562; June 12.
Instruments, Damping device for. F. F. Dorsey. 1,461,381; July 10.
Instruments, Means for protecting negotiable. A. E. Miller. 1,459,634; June 19.
Insulated apparatus and insulating the same, Thermally. G. Claude. 1,452,594; Apr. 24.
Insulated connector. L. Steinberger. 1,451,969; Apr. 17.
Insulated container, Heat-. P. H. Brainard. 1,477,101; Dec. 11.
Insulated rail joint. A. L. Ruthven. 1,470,110; Oct. 9.
Insulated structures, Heat-. J. C. Smith and A. W. Tolman. 1,467,121; Sept. 4.
Insulated suspension stem for electric-lighting fixtures. A. C. Recker. 1,470,189; Oct. 9.
Insulated vessel, Heat-. V. S. Johnson. 1,470,366; Oct. 9.
Insulating board and making same. G. H. Ellis. 1,449,221; Mar. 20.
Insulating composition and making same. T. C. Prouty. 1,453,726; May 1.
Insulating composition for electrical apparatus. F. J. Groten, jr. 1,455,200; May 15.
Insulating end post. B. Wolhaupter. 1,474,459; Nov. 20.
Insulating material. J. De Long. 1,442,325; Jan. 16.
Insulating material and making same. H. F. Weiss. 1,456,083; May 22.
Insulating material and manufacture, Heat-. O. Gerlach. 1,468,149; Sept. 18.
Insulating material and manufacturing same. J. De Long. 1,442,326–8; Jan. 16.
Insulating material for transformers and other high-tension apparatus, Covering plate of. K. Fischer. 1,475,177; Nov. 27.
Insulating material, Heat-. H. H. Hindshaw. 1,471,846; Oct. 23.
Insulating material, Manufacturing. F. F. Lucas. 1,470,990; Oct. 16.
Insulating means. O. J. Mellgren. 1,446,983; Feb. 27.
Insulating receptacle and apparatus for supporting and finishing the same, Heat and cold. J. E. Hitch. 1,472,019; Oct. 23.
Insulating tape. H. I. Diamond. 1,455,744; May 15.
Insulating wall. H. B. Lindsay. 1,462,648; July 24.
Insulating wall, Heat-. C. F. Mayer. 1,468,573; Sept. 18.
Insulation. J. Feigen. 1,440,978; Jan. 2.
Insulation, Applying felt. J. S. Maynard. 1,474,423; Nov. 20.
Insulation for rail joints, Renewable. C. A. Disbrow. 1,470,822; Oct. 16.
Insulation from electric wires, Machine for stripping. M. P. Wetmore. 1,477,678; Dec. 18.
Insulation, Kinetic heat. W. S. Hadaway, jr. 1,469,458; Oct. 2.
Insulation of high-tension coils, Method of and means for applying the. S. R. Wright. 1,469,469; Oct. 2.
Insulation-smoothing device. J. A. Heany. 1,454,166; May 8.
Insulator. W. T. Goddard. 1,454,634; May 8.
Insulator. W. T. Goddard. 1,458,754–5; June 12.
Insulator. W. T. Goddard. 1,474,256; Nov. 13.
Insulator. B. A. Plimpton. 1,478,912; Dec. 25.
Insulator. F. Schaub. 1,474,736; Nov. 20.
Insulator. C. F. Sauereisen. Re15,585; Apr. 24.
Insulator. L. Steinberger. 1,443,657; Jan. 30.
Insulator. L. Steinberger. 1,446,135; Feb. 20.
Insulator. L. Steinberger. 1,446,523; Feb. 27.
Insulator. L. Steinberger. 1,451,968; Apr. 17.
Insulator. E. H. Werner. 1,477,406; Dec. 11.
Insulator, Column strain. L. Steinberger. 1,468,042; Sept. 18.
Insulator connector. G. E. Eckert. 1,458,811; June 12.
Insulator connector. R. H. Marvin. 1,441,990; Jan. 9.
Insulator, Line. S. Steinberger. 1,468,044; Sept. 18.
Insulator, Section. K. Fritsch. 1,469,078; Sept. 25.
Insulator, Section. N. A. Wahlberg. 1,451,559; Apr. 10.
Insulator strain. W. T. Goddard. 1,458,756; June 12.
Insulator, Strain. L. Steinberger. 1,448,096; Mar. 13.
Insulator, Strain. L. Steinberger. 1,453,201; Apr. 24.
Insulator, Stress-distributed. S. S. Sonneborn. 1,446,593; Feb. 27.
Insulator-supporting pin. L. Steinberger. 1,444,434; Feb. 6.
Insulator-supporting pin. L. Steinberger. 1,468,043; Sept. 18.
Insulator, Transmission-line. F. W. Springer. 1,448,773; Mar. 20.
Insulator units, Connecting. F. H. Reagan. 1,446,067; Feb. 20.
Insulators, Apparatus for shaping. L. C. Buckley. 1,465,157; Aug. 14.
Insulators, Tool for forming. V. G. Apple. 1,453,118; Apr. 24.
Intaglio machines, Bearing and fountain adjustment for. A. M. Zuckerman. 1,451,726; Apr. 17.
Intake lock. A. Willman. 1,458,373; June 12.
Intake manifold and fuel preheater, Combined. F. E. Anderson. 1,466,921; Sept. 4.
Intake-manifold lock. J. R. Walsh and J. J. Ostermann. 1,441,317; Jan. 9.
Integral stop. P. Mueller and A. C. Schuermann. 1,463,370; July 31.
Interference preventer. G. W. Pickard. 1,460,439; July 3.
Interlocking block. G. R. L. Meadors. 1,449,529; Mar. 27.

Interlocking device. R. Moore. 1,467,554; Sept. 11.
Interlocking frame, Knockdown. J. A. Walker 1,458,563; June 12.
Interlocking repeater, Magnetic. C. J. Rogers. 1,446,770; Feb. 27.
Interlocking switch. L. C. Wescoat. 1,465,384; Aug. 21.
Intermediates and dyestuffs of the anthraquinone series. F. W. Atack and C. W. Soutar. 1,452,774; Apr. 24.
Internal brake. V. W. Pagé. 1,464,392; Aug. 7.
Internal-combustion boiler. A. Seidler. 1,478,067; Dec. 18.
Internal-combustion and fluid-pressure engine. R. E. Pelterie. 1,471,860; Oct. 23.
Internal-combustion engine. R. Abell. 1,443,110; Jan. 23.
Internal-combustion engine. R. E. Acre. 1,443,517; Jan. 30.
Internal-combustion engine. A. W. Aitken. 1,442,510; Jan. 16.
Internal-combustion engine. F. C. Alarie. 1,464,164; Aug. 7.
Internal-combustion engine. A. F. van Amstel. 1,467,288; Sept. 4.
Internal-combustion engine. S. B. Arnold. 1,442,461; Jan. 16.
Internal-combustion engine. E. O. Atwood. 1,465,154; Aug. 14.
Internal-combustion engine. L. Atwood. 1,471,321; Oct. 23.
Internal-combustion engine. C. L. Austin, jr. 1,469,031; Sept. 25.
Internal-combustion engine. L. B. Banch. 1,448,182; Mar. 13.
Internal-combustion engine. W. J. Baumgartner. 1,473,394; Nov. 6.
Internal-combustion engine. E. H. Belden. 1,442,995; Jan. 23.
Internal-combustion engine. E. H. Belden. 1,448,781; Mar. 20.
Internal-combustion engine. G. Berry. 1,462,848; July 24.
Internal-combustion engine. L. Blackmore. 1,475,927; Dec. 4.
Internal-combustion engine. E. G. Bogusch. 1,474,617; Nov. 20.
Internal-combustion engine. C. R. Bohannon. 1,466,783; Sept. 4.
Internal-combustion engine. J. T. Booth. 1,447,752; Mar. 6.
Internal-combustion engine. J. T. Booth. 1,468,225; Sept. 18.
Internal-combustion engine. W. B. Bronander. 1,460,474–5; July 3.
Internal-combustion engine. L. A. Brooke. 1,449,086; Mar. 20.
Internal-combustion engine. A. P. Brush. 1,472,426; Oct. 30.
Internal-combustion engine. E. R. Burtnett. 1,443,911; Jan. 30.
Internal-combustion engine. E. R. Burtnett. 1,472,549; Oct. 30.
Internal-combustion engine. E. R. Burtnett. 1,475,426; Nov. 27.
Internal-combustion engine. C. F. Buschke. 1,466,085; Aug. 28.
Internal-combustion engine. G. J. Carter and L. G. McFarlane. 1,457,019; May 29.
Internal-combustion engine. J. L. Cato. 1,441,329; Jan. 9.
Internal-combustion engine. L. S. Chadwick. 1,444,778; Feb. 13.
Internal-combustion engine. H. D. Church. 1,451,648; Apr. 10.
Internal-combustion engine. H. Colnot. 1,451,417; Apr. 10.
Internal-combustion engine. E. C. Cordell. 1,465,597; Aug. 21.
Internal-combustion engine. W. R. Crider. 1,460,789; July 3.
Internal-combustion engine. J. Davidson. 1,455,132; May 15.
Internal-combustion engine. J. Davidson. 1,468,962; Sept. 25.
Internal-combustion engine. G. P. Dorris. 1,442,256–8; Jan. 16.
Internal-combustion engine. H. A. Douglas. 1,464,469; Aug. 7.
Internal-combustion engine. F. S. Duesenberg. 1,476,327; Dec. 4.
Internal-combustion engine. F. M. Emery. 1,471,783; Oct. 23.
Internal-combustion engine. G. H. Enderby. 1,447,127; Feb. 27.
Internal-combustion engine. A. Erickson. 1,468,465–6; Sept. 18.
Internal-combustion engine. S. I. Fekete and S. G. Baits. 1,457,695; June 5.
Internal-combustion engine. C. H. Ferguson. 1,474,467; Nov. 20.
Internal-combustion engine. H. J. Fledderman. 1,456,125; May 22.
Internal-combustion engine. F. E. Foulke. 1,473,031; Nov. 6.
Internal-combustion engine. A. N. Frisbie. 1,450,801; Apr. 3.
Internal-combustion engine. C. E. Gary. 1,464,384; Aug. 7.
Internal-combustion engine. H. F. Gawne. 1,456,976; May 29.
Internal-combustion engine. W. G. Gernandt. 1,466,646; Aug. 28.
Internal-combustion engine. W. A. Gile. 1,440,592; Jan. 2.
Internal-combustion engine. W. A. Gile. 1,450,916; Apr. 10.
Internal-combustion engine. C. S. Goby. 1,442,523; Jan. 16.
Internal-combustion engine. J. Good. 1,458,481; June 12.
Internal-combustion engine. J. Good. 1,460,668; July 3.
Internal-combustion engine. W. W. Gore. 1,447,245; Mar. 6.
Internal-combustion engine. H. H. Gove. 1,471,789; Oct. 23.
Internal-combustion engine. T. W. and W. D. Grannan. 1,451,389; Apr. 10.
Internal-combustion engine. G. E. Gunther. 1,456,004; May 22.
Internal-combustion engine. J. W. Hall. 1,461,089; July 10.
Internal-combustion engine. E. R. Hewitt. 1,469,087; Sept. 25.
Internal-combustion engine. R. M. Hird. 1,473,770; Nov. 13.
Internal-combustion engine. J. J. Hogan. 1,444,378; Feb. 6.
Internal-combustion engine. P. A. Holliday. 1,471,847; Oct. 23.
Internal-combustion engine. C. W. Honabach. 1,468,567; Sept. 18.
Internal-combustion engine. C. A. Hult. 1,445,686; Feb. 20.
Internal-combustion engine. T. A. Hutsell. 1,443,575; Jan. 30.
Internal-combustion engine. F. S. Jelbart. 1,445,319; Feb. 13.
Internal-combustion engine. W. E. Jory. 1,452,202; Apr. 17.
Internal-combustion engine. F. N. Kawamura. 1,461,662; July 10.
Internal-combustion engine. A. C. Kenworthy. 1,441,811; Jan. 9.
Internal-combustion engine. E. T. Kershaw. 1,469,319; Oct. 2.
Internal-combustion engine. V. W. Kliesrath. 1,463,586; July 31.
Internal-combustion engine. H. J. Kline. 1,447,089; Feb. 27.
Internal-combustion engine. C. H. Knudsen. 1,468,819; Sept. 25.
Internal-combustion engine. C. H. Knudsen. 1,470,752; Oct. 16.
Internal-combustion engine. B. V. Korvin-Kroukovsky. 1,440,685; Jan. 2.
Internal-combustion engine. E. Lanzerotti-Spina. 1,459,630; June 19.
Internal-combustion engine. W. J. Larson. 1,475,440; Nov. 27.
Internal-combustion engine. C. M. Leech. 1,454,934; May 15.
Internal-combustion engine. W. H. Legate. 1,471,743; Oct. 23.
Internal-combustion engine. F. H. Leinweber; 1,447,672; Mar. 6.
Internal-combustion engine. W. N. Long. 1,450,810; Apr. 3.
Internal-combustion engine. R. M. Lovejoy. 1,460,722; July 3.
Internal-combustion engine. E. L. Lowe. 1,443,187; Jan. 23.
Internal-combustion engine. G. A. Malette. 1,475,641; Nov. 27.
Internal-combustion engine. J. L. Martin, jr. 1,471,497; Oct. 23.
Internal-combustion engine. W. F. McCallen. 1,473,486; Nov. 6.
Internal-combustion engine. A. Mertz. 1,471,408; Oct. 23.
Internal-combustion engine. L. J. Misuraca. 1,474,842; Nov. 20.
Internal-combustion engine. E. E. Neldner. 1,460,728; July 3.
Internal-combustion engine. E. C. Newcomb. 1,453,164; Apr. 24.
Internal-combustion engine. M. Nuta. 1,444,203; Feb. 6.
Internal-combustion engine. E. H. Owen. 1,443,885; Jan. 30.
Internal-combustion engine. W. F. Pagel. 1,458,771; June 12.
Internal-combustion engine. C. J. H. Penning. 1,474,549; Nov. 20.
Internal-combustion engine. J. C. Peraza. 1,464,334; Aug. 7.
Internal-combustion engine. C. W. Philip. 1,467,497; Sept. 11.
Internal-combustion engine. J. Fons Pont. 1,452,125; Apr. 17.

Internal-combustion engine. F. R. Porter. 1,465,560; Aug. 21.
Internal-combustion engine. A. L. Powell. 1,442,822; Jan. 23.
Internal-combustion engine. A. L. Powell. 1,454,075; May 8.
Internal-combustion engine. A. L. Powell. 1,461,495; July 10.
Internal-combustion engine. S. I. Prescott. 1,477,591; Dec. 18.
Internal-combustion engine. C. G. Pullin. 1,449,348; Mar. 20.
Internal-combustion engine. W. H. Putnam. 1,462,767; July 24.
Internal-combustion engine. J. T. Rauen. 1,455,008; May 15.
Internal-combustion engine. J. V. Rice, jr. 1,463,973; Aug. 7.
Internal-combustion engine. J. J. Reinhold. 1,464,831; Aug. 14.
Internal-combustion engine. H. R. Ricardo. 1,474,003; Nov. 13.
Internal-combustion engine. J. V. Roderick. 1,454,862; May 15.
Internal-combustion engine. C. A. Ross. 1,476,547; Dec. 4.
Internal-combustion engine. C. E. Sargent. 1,451,407; Apr. 10.
Internal-combustion engine. A. Schaefer. 1,459,479; June 19.
Internal-combustion engine. F. Schafer. 1,455,269; May 15.
Internal-combustion engine. C. S. Schott. 1,443,719; Jan. 30.
Internal-combustion engine. F. D. Shepherd. 1,474,794–5; Nov. 20.
Internal-combustion engine. E. H. Sherbondy. 1,447,438; Mar. 6.
Internal-combustion engine. M. J. Smith. 1,442,706; Jan. 16.
Internal-combustion engine. T. N. Smith. 1,449,304; Mar. 20.
Internal-combustion engine. A. H. Sproule. 1,457,322; June 5.
Internal-combustion engine. B. Stosik. 1,461,948; July 17.
Internal-combustion engine. E. H. Tartrais. 1,450,567; Apr. 3.
Internal-combustion engine. A. Taub. 1,444,857; Feb. 13.
Internal-combustion engine. W. F. Thomas. 1,456,655; May 29.
Internal-combustion engine. H. L. Thompson. 1,460,831; July 3.
Internal-combustion engine. C. J. Tóth. 1,476,305–9; Dec. 4.
Internal-combustion engine. S. P. Townsend. 1,443,856; Jan. 30.
Internal-combustion engine. G. Wagenlander. 1,474,217; Nov. 13.
Internal-combustion engine. F. S. Wahl. 1,460,458; July 3.
Internal-combustion engine. C. R. Watson. 1,445,653; Feb. 20.
Internal-combustion engine. H. E. Watton. 1,452,011; Apr. 17.
Internal-combustion engine. D. M. Weigel. 1,453,423; May 1.
Internal-combustion engine. D. M. Weigel. 1,462,182; July 17.
Internal-combustion engine. W. Werry. 1,478,778; Dec. 25.
Internal-combustion engine. E. L. Wiegand. 1,456,018; May 22.
Internal-combustion engine. I. H. Wilsey. 1,474,697; Nov. 20.
Internal-combustion engine. R. Wishon. 1,476,275; Dec. 4.
Internal-combustion engine. A. L. Wolff. 1,450,400; Apr. 3.
Internal-combustion engine. M. F. Woodward. 1,456,171; May 22.
Internal-combustion engine. L. M. Woolson. 1,445,054; Feb. 13.
Internal-combustion engine. R. C. Yates. 1,443,302; Jan. 23.
Internal-combustion engine and scavenging and charging process thereof, Two-stroke-cycle. A. Buchi. 1,477,994; Dec. 18.
Internal-combustion engine, Double-acting. G. J. Lugt. 1,459,680; June 19.
Internal-combustion engine, Oscillating. J. C. Peraza. 1,473,199; Nov. 6.
Internal-combustion engine, Rotary. G. Baumann and J. Hopta. 1,463,784; Aug. 7.
Internal-combustion engine, Rotary. V. Cizek. 1,458,641; June 12.
Internal-combustion engine, Rotary. S. B. Collier. 1,464,408; Aug. 7.
Internal-combustion engine, Rotary. F. J. Ford. 1,440,451; Jan. 2.
Internal-combustion engine, Rotary. J. H. Wagenhorst. 1,473,656; Nov. 13.
Internal-combustion engine, Rotary. H. L. Weed. 1,476,784; Dec. 11.
Internal-combustion-engine system. J. Good. 1,456,979; May 29.
Internal-combustion engine, Two-cycle. C. Berger. 1,461,080; July 10.
Internal-combustion engine, Two-stroke. W. J. F. Wegé. 1,465,885; Aug. 21.
Internal-combustion engine, Two-stroke-cycle. V. Spuhler. 1,452,005; Apr. 17.
Internal-combustion engine, Valveless two-stroke-cycle. F. H. and P. Henriod. 1,450,081; Mar. 27.
Internal-combustion motor. O. F. Haibe. 1,474,712; Nov. 20.
Internal-combustion motor. G. Hall-Bullock. 1,465,165; Aug. 14.
Internal-combustion motor. W. J. Snadecki. 1,455,815; May 22.
Internal-combustion motor. F. Stoner and C. H. W. Aitken. 1,463,231; July 31.
Internal-combustion motor, Multicylinder. G. H. Muller. 1,445,791; Feb. 20.
Internal-combustion oil engine. A. Hyder. 1,441,506; Jan. 9.
Internal-combustion or gas engine. T. E. Brown. 1,474,954; Nov. 20.
Internal gauge. K. Lauer. 1,451,736; Apr. 17.
Interrupter. B. D. Saklatwalla and A. N. Anderson. 1,458,729; June 12.
Invalid lifter and carrier. S. S. Jenkins. 1,450,950; Apr. 10.
Invalid support. M. A. Blewitt and E. W. Petterson. 1,448,783; Mar. 20.
Invalids, Support for. G. Kennedy. 1,452,915; Apr. 24.
Investment material. A. M. McIntosh. 1,476,001; Dec. 4.
Iodine compound and making same. R. Benkö. 1,440,813; Jan. 2.
Ion concentration effects, Method of and apparatus for obtaining. E. A. Keeler. 1,474,594; Nov. 20.
Iron: *See*—
Annealing sheet iron.
Brake iron.
Chafing iron.
Chair iron.
Curling iron.
Electric iron.
Hair iron.
Hinge and corner iron.
Inside pocket iron.
Laundry iron.
Pressing iron.
Producing sponge iron.
Sadiron.
Soldering iron.
Waffle iron.
Waving iron.
Iron and iron alloys, Apparatus for treating. W. H. Fisher and P. Chambers. 1,478,366; Dec. 18.
Iron and its alloys, Treating. W. H. Fisher and P. Chambers. 1,478,367; Dec. 18.
Iron and other metallic products, Apparatus for the production of sponge. E. B. Thornhill. 1,452,626; Apr. 24.
Iron and other metallic products, Production of sponge. E. B. Thornhill. 1,452,627; Apr. 24.
Iron and recovering metals from such solutions, Purifying solutions of. D. Belcher and F. A. Eustis. 1,456,615; May 29.
Iron and stand, Electric. E. W. Wells. 1,478,310; Dec. 18.
Iron and steel, Desulphurization of. H. Koppers. 1,471,401; Oct. 23.
Iron and steel from smelter slags, Making. C. R. Kuzell. 1,471,270; Oct. 16.
Iron and steel, Protection of. P. E. Kern. 1,467,174; Sept. 4.
Iron and steel, Refining. H. Thomas. 1,453,734; May 1.
Iron and zinc from sulphide ores, Separating and recovering. F. A. Eustis and D. Belcher. 1,466,793; Sept. 4.
Iron bender. A. Hossfeld. 1,473,101; Nov. 6.
Iron-bending machine, Angle-. E. G. Slaten. 1,448,159; Mar. 13.
Iron by electrolysis, Producing pure. A. Schwiete. 1,444,887; Feb. 13.
Iron from iron ores, Manufacture of. S. J. Vermaes. 1,472,860; Nov. 6.
Iron from its ores, Obtaining purified. A. J. Moxham. 1,472,131; Oct. 30.
Iron in aluminous solutions, Precipitations of. T. Mejdell. 1,444,160; Feb. 6.
Iron, Manufacturing wrought. A. Sauveur. 1,463,228; July 31.
Iron or steel articles, Metal-coated. J. L. Herman. 1,468,905; Sept. 25.
Iron or steel, Cementation of boron into the surface of. T. Miyaguchi. 1,472,850–1; Nov. 6.
Iron oxide and other products from spent iron sludge, Recovering. C. V. Bacon. 1,455,060; May 15.
Iron purifying and balling furnace. O. S. Pulliam. 1,449,546; Mar. 27.
Iron rest and cleaner. L. D. Grenda. 1,455,484; May 15.
Iron smelting. R. Franchot and K. P. McElroy. 1,466,644; Aug. 28.
Iron, steel, or steel alloys, Making. J. A. Williams. 1,453,057; Apr. 24.
Ironer, Garment. B. W. Macy. 1,468,721; Sept. 25.
Ironers, Padding for the covering of flat-work. W. I. Weaver. 1,471,224; Oct. 16.
Ironing and drying device. P. Beck. 1,441,776; Jan. 9.

Ironing and steaming device. F. B. Rae. 1,472,089; Oct. 30.
Ironing board. G. Adams. 1,458,314; June 12.
Ironing board. F. Bania. 1,457,661; June 5.
Ironing board. C. Danielson. 1,466,390; Aug. 28.
Ironing board. J. P. Dorau. 1,463,068; July 24.
Ironing board. R. P. Eberhard. 1,443,250; Jan. 23.
Ironing board. A. Edwards. 1,469,456; Oct. 2.
Ironing board. H. Herman. 1,443,917; Jan. 30.
Ironing board. J. L. Liale. 1,470,457; Oct. 9.
Ironing board. J. Lutes. 1,474,536; Nov. 20.
Ironing board. R. A. Morrison and F. L. Oswald. 1,450,986; Apr. 10.
Ironing board. A. O'Brien. 1,448,937; Mar. 20.
Ironing board. S. Plewa and R. N. Janusz. 1,448,418; Mar. 13.
Ironing board. M. C. Stearns. 1,446,943; Feb. 27.
Ironing board. J. A. Williams. 1,450,766; Apr. 3.
Ironing board and cabinet. G. W. Montgomery. 1,455,446; May 15.
Ironing board and stepladder, Combined. P. Woss. 1,476,561; Dec. 4.
Ironing board, Collapsible. A. L. Wagstaff. 1,456,661; May 29.
Ironing-board construction. R. F. Nadig and W. D. Somers. 1,460,432; July 3.
Ironing board, Folding. H. Pike. 1,456,193; May 22.
Ironing board, Shirt-. C. E. Waream. 1,469,743; Oct. 2.
Ironing-board stand and window jack or seat, Combined. W. Haas. 1,475,067; Nov. 20.
Ironing-board-supporting means. L. C. and E. H. Eddy. 1,469,629; Oct. 2.
Ironing boards, Foldable. J. P. Dorau. 1,463,069–70; July 24.
Ironing device, Electrically-heated. B. W. Macy. 1,468,723; Sept. 25.
Ironing devices, Resilient cushion for the pads of. G. W. Cline. 1,468,557; Sept. 18.
Ironing garments. C. H. Boyuls. 1,466,691; Sept. 4.
Ironing machine. C. H. Boyuls. 1,466,693; Sept. 4.
Ironing machine. J. N. Gould. 1,448,027; Mar. 13.
Ironing machine. L. Gschwind. 1,462,757; July 24.
Ironing machine. C. E. Hamilton. 1,466,363; Aug. 28.
Ironing machine. W. S. Merick. 1,473,997; Nov. 13.
Ironing machine. J. F. Patton and J. E. McAllister. 1,463,835; Aug. 7.
Ironing machine. W. H. Sumbling. 1,440,704; Jan. 2.
Ironing machine. C. E. Waream and D. H. Benjamin. 1,455,155; May 15.
Ironing machine. R. V. Weller. 1,440,855; Jan. 2.
Ironing machine. W. G. Yates and G. C. Fatscher. 1,450,402; Apr. 3.
Ironing machine. E. L. York. 1,444,823; Feb. 13.
Ironing machine. Collar-. C. H. Boyuls. 1,466,694; Sept. 4.
Ironing machine for pressing seams of clothing. H. B. Cranage. 1,464,030; Aug. 7.
Ironing machine, Shirt-. C. H. Boyuls. 1,466,690; Sept. 4.
Ironing machines, Electric heating system for. F. F. Forshee. 1,451,539; Apr. 10.
Ironing machines, Scraper for. W. S. Van Horn. 1,471,813; Oct. 23.
Ironing machines, Shirt board for. C. E. Waream and D. H. Benjamin. 1,460,184; June 26.
Ironing pad. C. E. Hamilton. 1,445,393; Feb. 13.
Ironing table. F. Baker. 1,470,252; Oct. 9.
Ironing table. E. L. Golden. 1,478,951; Dec. 25.
Ironing table. E. H. Wilkinson. 1,453,649; May 1.
Irons, Heat indicator for electric. A. Weiss. 1,478,271; Dec. 18.
Irons, Support for the cords of electric. M. J. Davis. 1,476,395; Dec. 4.
Irons, Thermostatic switching device for electric. F. Jermin. 1,469,727; Oct. 2.
Irrigating apparatus. J. A. Norton. 1,454,332; May 8.
Irrigating device. J. P. Campbell. 1,454,844; May 15.
Irrigating device. L. B. Demuth. 1,473,087; Nov. 6.
Irrigation apparatus, Automatically-working. E. Rolland. 1,456,464; May 22.
Irrigation ditcher. R. C. Chattin. 1,477,033; Dec. 11.
Irrigation ditches, Method of and apparatus for supplying water to. G. T. Peters. 1,466,956; Sept. 4.
Irrigation risers, Portable head for. V. E. Nicolaides. 1,455,406; May 15.
Irrigation signal. W. R. Schindler. 1,451,056; Apr. 10.
Irrigation system. W. Krause. 1,472,799; Nov. 6.
Irrigation system. W. Krause. 1,478,234; Dec. 18.
Isomeric trinitrotoluenes, Separating. C. M. Stine. 1,450,675; Apr. 3.
Jack: *See*—
Air jack.
Auto jack.
Automobile jack.
Automobile elevating jack.
Boot and shoe jack.
Car jack.
Chain jack.
Creep jack.
Dolly jack.
Electric jack.
Elevating jack.
Floor jack.
Flooring jack.
Hydraulic jack.
Journal-box jack.
Ladder jack.
Lifting jack.
Liquid-operated jack.
Log-loading jack.
Lowering jack.
Multiple purchase jack.
Nonskid roof jack.
Pawl and ratchet jack.
Pipe-lifting jack.
Platform ladder jack.
Pneumatic jack.
Portable jack.
Power jack.
Pulling jack.
Pump jack.
Pumping jack.
Rail jack.
Scaffold jack.
Screw jack.
Semitrailer jack.
Shoe jack.
Tire-changing jack.
Trailer jack.
Trip jack.
Vehicle jack.
Vehicle power jack.
Wheel jack.
Jack. J. H. Burkholder. 1,466,447; Aug. 28.
Jack. F. H. Deal. 1,460,229; June 26.
Jack. S. Ellingsen. 1,475,057; Nov. 20.
Jack. T. F. Ellis. 1,443,913; Jan. 30.
Jack. W. G. Fritz. 1,447,242; Mar. 6.
Jack. F. Grant. 1,470,830; Oct. 16.
Jack. W. T. Gulledge. 1,446,176; Feb. 20.
Jack. F. Ilsemann. 1,456,379; May 22.
Jack. J. A. Kimball. 1,467,899; Sept. 11.
Jack. W. and J. Koeck. 1,444,192; Feb. 6.
Jack. A. J. H. Kubsiek. 1,444,796; Feb. 13.
Jack. R. E. Manley. 1,448,853; Mar. 20.
Jack. R. N. Miller. 1,470,180; Oct. 9.
Jack. J. W. Moore. 1,464,881; Aug. 14.
Jack. J. H. Pope. 1,461,786; July 17.
Jack. M. D. Riker. 1,465,057; Aug. 14.
Jack. S. A. Snell. 1,452,533; Apr. 24.
Jack. F. R. Sunderman. 1,454,524; May 8.
Jack. W. B. Templeton. 1,477,298; Dec. 11.
Jack. E. E. Thomson. Re15,609; May 22.
Jack. E. Whalley. 1,472,538; Oct. 30.
Jack. G. W. Williamson. 1,462,878; July 24.
Jack and hoist, Combination. T. H. Dardani. 1,445,430; Feb. 13.
Jack and tire inflater, Combination pneumatic. W. F. Lucas. 1,457,665; June 5.
Jack and tire tool, Combined. J. Norris. 1,447,625; Mar. 6.
Jack bolster. H. V. Souders. 1,457,195; May 29.
Jack, breast drill and vise, Combination. J. E. Runner. 1,447,603; Mar. 6.
Jack for dead-end insulators. T. F. Johnson, jr. 1,472,176; Oct. 30.
Jack handle. E. E. Arnold. 1,468,771; Sept. 25.
Jack mechanism. S. A. Snell. 1,460,116; June 26.
Jack, Pneumatic. A. E. McNulty. 1,463,654; July 31.
Jack prop. S. L. Buchanan and F. J. Lytton. 1,457,145; May 29.
Jack support. J. M. Chappell and R. E. Edmondson. 1,450,482; Apr. 3.
Jack structure. J. P. Sykes and H. E. Stover. 1,478,307; Dec. 18.
Jack switch. E. E. Yaxley. 1,443,604; Jan. 30.
Jacks, Attachment for. S. A. Irwin. 1,461,355; July 10.
Jacks, Swivel hook for. R. R. Daniels. 1,465,895; Aug. 21.
Jacket for preliminary cure. T. Midgley. 1,450,328; Apr. 3.
Jamb fastening. J. E. Ahlvin. 1,470,251; Oct. 9.
Jamb unit, Adjustable. C. F. Biele. 1,458,025; June 5.
Janitor's stand. W. F. Sullivan. 1,440,645; Jan. 2.
Japanning apparatus. D. F. Domizi. 1,463,313; July 31.
Jar: *See*—
Drill jar.
Pumping jar.
Rotary jar.
Rotating jar.
Sirup jar.
Jar. G. C. Aymar. Des. 63,117; Oct. 9.
Jar and casing therefor, Heat-insulated. G. P. Altenberg. 1,445,056; Feb. 13.
Jar attachment. A. E. Wittig. 1,459,129; June 19.
Jar cap, Fruit-. E. Beavers. Des. 63,551; Dec. 18.
Jar-cap remover. H. G. Lorentz. 1,442,894; Jan. 23.
Jar-cap wrench. J. S. Buckwalter. 1,474,067; Nov. 13.
Jar closure. C. C. Emick. 1,460,017; June 26.
Jar closure. W. Mueller. 1,468,208; Sept. 18.
Jar closure. A. Stark. 1,459,558; June 19.
Jar closure. C. Von Allmen. 1,463,856; Aug. 7.
Jar closure, Thread. C. Hammer. 1,440,985; Jan. 2.
Jar closure, Vacuum-. C. Hammer. 1,440,986; Jan. 2.
Jar-cover crimper. E. Bard. 1,469,403; Oct. 2.
Jar-cover remover. H. J. Hammann. 1,448,064; Mar. 13.
Jar covers, Making battery-. S. T. Campbell. 1,474,510; Nov. 20.
Jar covers, Means for forming and securing gaskets to. W. J. Peelle. 1,451,470; Apr. 10.
Jar holder. W. R. Cloer. 1,477,865; Dec. 18.
Jar holder. W. H. Platt. 1,471,415; Oct. 23.
Jar holder, Fruit-. H. J. Hammann. 1,448,063; Mar. 13.
Jar holder, Fruit-. A. Di Loreto. 1,442,254; Jan. 16.
Jar holder, Fruit-. N. P. Stone and H. Saeter. 1,470,203; Oct. 9.
Jar holder, Fruit. W. C. Szykowny. 1,452,941; Apr. 24.
Jar lifter. J. L. Kivlan. 1,456,698; May 29.
Jar lifter. J. E. Ringel. 1,441,452; Jan. 9.
Jar opener. W. J. Gallagher. 1,476,707; Dec. 11.
Jar or bottle clamp. J. Sciortino. 1,471,069; Oct. 16.
Jar or can holder. B. Lauritsen. 1,445,441; Feb. 13.
Jar sealing-ring opener, Fruit-. W. M. Saunders and L. V. Roy. 1,470,488; Oct. 9.
Jar-top-fastening device. J. M. Cruse. 1,454,728; May 8.
Jar tops, Implement for removing. E. Beyer. 1,450,168; Apr. 3.
Jar-trimming machine. J. L. Kivlan. 1,456,276; May 22.

Jar wrench, Fruit-. A. Pihl. 1,471,353; Oct. 23.
Jarring machine. A. B. and R. B. Schuyler. 1,454,490; May 8.
Jars, Closure for fruit and other wide-mouthed. F. E. Baldwin. 1,457,418; June 5.
Jars, Implement for opening and sealing. F. A. Frost. 1,450,587; Apr. 3.
Jars, Sealing top for fruit. C. H. Longman. 1,472,398; Oct. 30.
Jars, tumblers, and other receptacles, Closure for. A. and H. Ingram. 1,463,892; Aug. 7.
Jaw chuck, Swing-. C. F. Axelson. 1,455,017; May 15.
Jay bar. J. A. L. Hefner. 1,451,657; Apr. 10.
Jet augmenter or ejector. J. F. Kirgan. 1,457,777; June 5.
Jet condenser, Large. D. W. R. Morgan. 1,457,788; June 5.
Jewel case. J. Antal. Des. 63,445; Dec. 11.
Jewel mount. M. J. Stern. Des. 62,268; Apr. 24.
Jewel setter. J. R. and A. P. Jarrell. 1,445,595; Feb. 13.
Jewel setting. S. Stein. 1,457,196; May 29.
Jewel settings, Truing. C. E. De Long. 1,469,500; Oct. 2.
Jewelry, Catch for. A. F. Blanchard. 1,441,208; Jan. 9.
Jewelry clasp. I. A. Posner. 1,441,999; Jan. 9.
Jewelry clasp. J. R. Starck. 1,464,452; Aug. 7.
Jewelry, Crown setting for articles of. Z. Anshen. Des. 63,548; Dec. 18.
Jewelry, Ornamental beading for. G. G. M. F. Hartmann. 1,441,924; Jan. 9.
Jewelry, Safety clasp for. E. C. Grassman. 1,456,305; May 22.
Jewelry setting and the like. J. Pejchar. 1,441,597; Jan. 9.
Jig, Aligning. L. C. Thornton. 1,478,980; Dec. 25.
Jig, Assembling and welding. J. Ledwinka. 1,464,207; Aug. 7.
Jig, Automatic drilling. E. J. Kingsbury. 1,464,005; Aug. 7.
Jig, Bending. F. C. Fischer. 1,442,428; Jan. 16.
Jig, Coal. G. W. Wilmot. 1,466,866; Sept. 4.
Jig-conveyer motor. L. Linkowski. 1,456,389; May 22.
Jig mechanism. R. A. Riley and H. O. Knapp. 1,477,006; Dec. 11.
Jig plunger. R. W. Rigler. 1,444,705; Feb. 6.
Joint: *See*—

Adjustable joint.	Pipe joint.
Air-flask joint.	Pipe and fitting joint.
Ball joint.	Rail joint.
Bed-rail joint.	Rail scarf joint.
Cabinet joint.	Railway joint.
Concrete-pipe joint.	Railway-rail joint.
Connecting joint.	Railway-track joint.
Corner joint.	Speedometer swivel joint.
Expansion joint.	Stovepipe-reducing joint.
Flexible joint.	Sucker-rod joint.
Insulated rail joint.	Swing joint.
Knuckle joint.	Tool joint.
Lock joint.	Universal joint.
Locking joint.	Welded joint.
Metal joint.	Welded rail joint.
Oscillating joint.	Wire joint.

Joint. W. M. Ingram. 1,464,386; Aug. 7.
Joint and power transmission, Universal. E. A. Lewis. 1,462,016; July 17.
Joint bar. C. D. Young. 1,473,753; Nov. 13.
Joint in fabricated form and making the same, Permanent. J. L. Anderson. 1,450,935; Apr. 10.
Joint of metal-sheathed construction material and making same. G. R. Meyercord. 1,440,615; Jan. 2.
Joint or coupling, Universal. H. Hart-Spratt. 1,450,805; Apr. 3.
Jointer. P. Soucy. 1,441,038; Jan. 2.
Jointing tool. F. O. Johnson. 1,445,021; Feb. 13.
Joints, Making welded and riveted. A. E. Ostrander. 1,452,523; Apr. 24.
Journal box. F. S. Barks. 1,467,292; Sept. 4.
Journal box. D. S. Barrows. 1,458,741; June 12.
Journal box. D. S. Barrows. 1,458,743; June 12.
Journal box. J. R. Fleming. 1,475,377; Nov. 27.
Journal box. A. G. Sandman. 1,458,780; June 12.
Journal box and hub liner, Sectional. C. N. Barton. 1,442,422; Jan. 16.
Journal box and hub liner, Sectional. C. N. Barton. 1,462,929; July 24.
Journal-box attachment. O. T. Gregg. 1,449,174; Mar. 20.
Journal-box bearing. B. Milewski. 1,475,021; Nov. 20.
Journal-box jack. S. C. Vaughn. 1,451,601; Apr. 10.
Journal-box lid. P. Bendixen. 1,472,785; Nov. 6.
Journal-box lid and making same, Hooded. C. J. W. Clasen. 1,465,542; Aug. 21.
Journal-box seat. J. R. Fleming. 1,475,378; Nov. 27.
Journal boxes. Wear compensator for. J. E. McDaniel 1,448,633; Mar. 13.
Journal boxes, Wedge-adjusting device for. F. R. Harvey. 1,466,016; Aug. 28.
Journal lubricator. G. W. Hall and M. P. Cochrane. 1,447,721; Mar. 6.
Journal lubricator. J. J. Hennessy. 1,444,461; Feb. 6.
Journal lubricator. T. J. Holmes. 1,470,739; Oct. 16.
Journals and the like, Baseboards for the loose leaves for. A. Ruf. 1,446,398; Feb. 20.
Jug. G. E. Curtiss. Des. 63,396; Dec. 4.
Jug. W. Walrath. 1,442,709; Jan. 16.
Juice extractor. W. R. Gilbert. 1,443,255; Jan. 23.
Juice extractor. M. Rosenfield. 1,474,849; Nov. 20.
Jumping tree, Portable. F. R. Thalken. 1,470,403; Oct. 9.
Junk in wells, Fishing tool for. D. L. Gilstrap. 1,472,213; Oct. 30.
Kaleidoscopic projecting apparatus. L. Marchand. 1,449,122; Mar. 20.
Keel block. E. M. Van Dyke. 1,442,501; Jan. 16.
Keeper plate, Adjustable. G. E. Anderson. 1,458,637; June 12.
Keg, Metallic. G. E. Mittinger. 1,444,631; Feb. 6.
Kennel, Window dog. C. Chaplin. 1,460,945; July 3.
Kerchief, Movie. T. B. Lamb. 1,477,654; Dec. 18.
Kerosene-gas burner. J. A. Luedecke. 1,472,605; Oct. 30.
Ketone body and making same. C. Ellis and A. A. Wells. 1,450,493; Apr. 3.
Ketones, Apparatus for producing. R. R. Williams and H. L. J. Haller. 1,450,569; Apr. 3.
Ketones, Manufacture of. R. R. Williams and D. H. White. 1,460,876; July 3.
Kettle. J. H. Brown. 1,478,729; Dec. 25.
Kettle and the like, Electrically-heated. W. W. Soutter. 1,441,131; Jan. 2.
Kettle, Electric. C. de C. Matulich. 1,454,448; May 8.
Kettle-lid-raising means. W. H. S. Brewer. 1,455,070; May 15.
Kettle, Melting. C. S. Babb. 1,466,637; Aug. 28.
Kettle or other utensil for heating water or the like. T. P. Eustege. 1,447,414; Mar. 6.
Kettle or similar article. J. Friedman. Des. 63,463; Dec. 11.
Kettle outlets, Making steam-jacketed. R. F. Salisbury. 1,450,231; Apr. 3.
Kettle, Pop-corn. R. D. Parks. 1,475,081; Nov. 20.
Kettle top. A. J. Turner. 1,472,313; Oct. 30.
Kettle, Water. J. Haket. 1,477,644; Dec. 18.
Kettles by zones, Temperature control of. J. G. Lehman. Re15,665; July 31.
Kettles by zones, Temperature control of. J. G. Lehman. Re15,703; Oct. 23.
Kettles, Mounting for fusion. O. S. Sleeper. 1,458,108; June 5.
Key: *See*—

Offset, zigzag, and stag-	Brake-shoe key.
gered key.	

Key. E. A. Bohlman. 1,472,787; Nov. 6.
Key. J. W. Fay. 1,444,963; Feb. 13.
Keyboard apparatus, Instructional dummy practice-. H. H. Yelf. 1,469,750; Oct. 2.
Key bolt. J. P. Northey. 1,447,810; Mar. 6.
Keybolts, Making. J. Zilliox. 1,446,080; Feb. 20.
Key case. W. R. Buxton. 1,443,937; Jan. 30.
Key-case holder. W. R. Buxton. 1,452,727; Apr. 24.
Key chain and tag holder, Combined. F. Williams. 1,443,889; Jan. 30.
Key check, Hotel. J. C. Webster. 1,450,878; Apr. 3.
Key-cutting machine. F. E. Best. 1,458,217; June 12.
Key, Driving. R. A. Smith and E. B. Gray. 1,467,400; Sept. 11.
Key-duplicating machine. S. Segal. 1,462,150; July 17.
Key fastener. B. H. Fuller. 1,450,588; Apr. 3.
Key fastener. E. H. Larkins. 1,458,065; June 5.
Key fastener. A. A. Lawson. 1,455,627; May 15.
Key fastener. C. B. Loveland. 1,452,646; Apr. 24.
Key guard. C. F. Fowler. 1,466,395; Aug. 28.
Key guard. A. E. Hagblom and R. W. Christensen. 1,445,309; Feb. 13.
Key holder. L. G. Andrews and R. R. Theis. 1,451,802; Apr. 17.
Key holder. J. Carmel. 1,474,315; Nov. 13.
Key holder. C. Helscher and F. W. Koontz. 1,441,855; Jan. 9.
Key holder. C. A. Murray. 1,475,133; Nov. 20.
Key holder. D. I. Reiter. 1,476,642; Dec. 4.
Keyhole guard. W. D. Bresee. 1,468,955; Sept. 25.
Keyhole guard. H. Brown. 1,457,017; May 29.
Keyhole guard. S. J. Hoff. 1,457,702; June 5.
Keyhole guard. F. W. Schou. 1,470,937; Oct. 16.
Keyless lock. W. Biczak. 1,456,530; May 29.
Keyless lock. J. M. Kaye. 1,474,042; Nov. 13.
Key lock. D. M. Bell. 1,456,584; May 29.
Key lock. H. Raymond. 1,476,841; Dec. 11.
Key lock. L. R. Talbert. 1,470,126; Oct. 9.
Key-locking device. H. E. Lorentz. 1,453,630; May 1.
Key, Machine. B. R. Benjamin. 1,460,222; June 26.
Key-opening can. D. B. De Land. 1,451,869; Apr. 17.
Key-operated machine, Finger-actuated. F. P. Gorin. 1,457,111; May 29.
Key puller. L. E. Stephens. 1,443,052; Jan. 23.
Key retainer. A. Daniel. 1,447,012; Feb. 27.
Key-retaining device. L. B. Tebbetts. 1,473,361; Nov. 6.
Key ring. H. C. Frech. 1,478,897; Dec. 25.
Key ring. L. A. Walters. 1,466,572; Aug. 28.
Key ring and the like. L. F. Korns. 1,462,205; July 17.
Key-ring holder. C. Exposito. 1,468,013; Sept. 18.
Key support, Yoke-. E. Posson. 1,463,555; July 31.
Keyways, Machine for cutting. J. Alleman. 1,465,460; Aug. 21.
Keys, Apparatus and process for fitting driving. R. A. Smith. 1,467,399; Sept. 11.

Keys, Gauge for duplicating. H. C. Rahmoeller. 1,458,546; June 12.
Keys, tools, and other portable articles, Lock and indicator for holding and locating. E. A. Falconer. 1,472,297; Oct. 30.
Kicker, Casing. O. D. Nutter. 1,445,158; Feb. 13.
Kiln: *See*—
Drying kiln.
Limekiln.
Removable-top continuous kiln.
Reversing blower kiln.
Rotary kiln.
Rotating kiln.
Tunnel kiln.
Kiln. R. J. Dyer. 1,452,638; Apr. 24.
Kiln. F. Peiter. 1,446,857; Feb. 27.
Kiln. E. P. Stevens. 1,465,744; Aug. 21.
Kiln and burner therefor. E. M. Bassler. 1,457,339; June 5.
Kiln and crib, Convertible drying. G. W. Atherton. 1,477,682; Dec. 18.
Kiln, Continuous. F. Mayer. 1,477,837; Dec. 18.
Kiln, Continuous tunnel. L. A. Vincent. 1,477,675; Dec. 18.
Kiln, Dry. R. E. Abbott and H. E. Beyster. 1,473,755; Nov. 13.
Kiln, Dry. J. F. Hanrahan. 1,471,602; Oct. 23.
Kiln, Dry. J. P. Walsh. 1,469,976; Oct. 9.
Kiln, Drying. C. A. Cutler. 1,462,194; July 17.
Kiln for firing pottery and other ware. C. F. Bailey. 1,465,573; Aug. 21.
Kiln oil burner, Tunnel-. G. E. Irons. 1,465,011; Aug. 14.
Kiln, Reversible circulation internal fan. R. Thelen. 1,466,518; Aug. 28.
Kiln, Reversing blower. R. Thelen and H. D. Tiemann. 1,468,932; Sept. 25.
Kiln, Rotary lime-burning. M. Hermann. 1,459,302; June 19.
Kiln system, Cement-. D. S. Jacobus. 1,463,363; July 31.
Kiln, Tunnel. G. H. Benjamin. 1,474,616; Nov. 20.
Kiln, Tunnel. G. W. Booth. 1,474,063; Nov. 13.
Kiln, Tunnel. H. M. Robertson. 1,477,152; Dec. 11.
Kiln, Tunnel. L. A. Witte. 1,471,875; Oct. 23.
Kilns and the like, Discharge apparatus for lime. P. Dumont. 1,466,996; Sept. 4.
Kilns by conveyer belts, Apparatus for unloading. R. C. Penfield. 1,444,207; Feb. 6.
Kilns by hopper-lifting devices or the like, Apparatus for unloading. R. C. Penfield. 1,444,206; Feb. 6.
Kilns, Car for tunnel. S. A. Mitchell. 1,465,737; Aug. 21.
Kilns, Chain-carrier mechanism for dry. J. B. Barrow. 1,478,883; Dec. 25.
Kilns, Pipe system for. F. M. Creighton and C. J. Williams, jr. 1,476,595; Dec. 4.
Kilns, System of. L. Weeks. 1,454,358; May 8.
Kindling compound. A. L. Raven. 1,466,480; Aug. 28.
Kit, Camp and lunch. A. H. Bishop. 1,458,679; June 12.
Kit, Lunch. J. G. Nikart. 1,460,108; June 26.
Kit, Pipe-smoker's. S. B. Gardner. 1,458,817; June 12.
Kitchen appliance. T. W. Binder. 1,445,867; Feb. 20.
Kitchen, Army field. H. W. Steiner, C. W. Shipley, and J. Morrison. 1,451,087; Apr. 10.
Kitchen cabinet. R. Hoffman. 1,473,703; Nov. 13.
Kitchen fork. F. E. Small. 1,443,508; Jan. 30.
Kitchen fork. F. E. Small. Re15,680; Aug. 21.
Kitchen table. A. T. Holton. 1,463,701; July 31.
Kitchen tool. H. Smookler. 1,451,594; Apr. 10.
Kitchen utensil. E. P. Vincent. 1,470,783; Oct. 16.
Kitchen utensil handle. E. H. Johnson. 1,451,338; Apr. 10.
Kitchen-utensil rack. R. W. Roragen and E. O. Olson. 1,449,698; Mar. 27.
Kitchen ventilator. W. R. Powell. 1,477,590; Dec. 18.
Kite. A. W. Cash. 1,452,956; Apr. 24.
Kite. H. B. Holtvoigt. 1,465,040; Aug. 14.
Kite. H. A. Sellers. 1,453,287; May 1.
Kite, Collapsible. R. A. Trombley. 1,456,260; May 22.
Kite, Miner's. W. K. Peters and A. Foster. 1,478,296; Dec. 18.
Kneading machine, Automatic. L. B. Donkers. 1,467,715; Sept. 11.
Kneading machine specially for dry and slimy masses. P. Gundlach. 1,478,116; Dec. 18.
Knee-adjusting mechanism. J. A. Daly. 1,444,591; Feb. 6.
Knee pad. C. L. Clarke. 1,452,360; Apr. 17.
Knee pad. H. P. Compton. 1,449,656; Mar. 27.
Knee support, Adjustable. W. Graupe. 1,458,933; June 19.
Kneeling bench. P. H. Cain. 1,449,891; Mar. 27.
Kneeling pad. J. O'Connell. 1,477,763; Dec. 18.
Knife. L. B. Bates. 1,451,607; Apr. 10.
Knife. W. Clawson. 1,470,147; Oct. 9.
Knife. E. Champlin. 1,472,826; Nov. 6.
Knife. T. Champlin. 1,463,573; July 31.
Knife. H. A. Comstock. 1,443,701; Jan. 30.
Knife. H. H. Doehler and M. Stern. 1,476,030; Dec. 4.
Knife. R. C. Hartleb. 1,475,301; Nov. 27.
Knife. B. H. Hartley. 1,477,483; Dec. 11.
Knife. M. E. Hull. 1,449,408; Mar. 27.
Knife. E. Lewis. 1,449,520; Mar. 27.
Knife. C. F. Smith. 1,477,291; Dec. 11.
Knife. R. L. Wright. 1,465,751; Aug. 21
Knife adjustment. Ensilage-cutter-. E. S. Charles. 1,452,289; Apr. 17.
Knife blades, Handle for detachable. R. Whitcomb and F. Goertz. 1,477,407; Dec. 11.
Knife cleaner and polisher. C. H. Sullivan. 1,449,457; Mar. 27.
Knife, Corn-fodder. F. Cabalka. 1,467,836; Sept. 11.
Knife, Detachable-blade. H. Brix. 1,458,104; June 5.
Knife for trimming shoe soles, Safety. O. Erickvam. 1,471,889; Oct. 23.
Knife, Fruit. A. L. Duncan. 1,444,173; Feb. 6.
Knife, Grapefruit. F. T. Raubert. 1,466,753; Sept. 4.
Knife guard. M. Kozlowski. 1,474,722; Nov. 20.
Knife guide. W. A. Woodin. 1,478,501; Dec. 25.
Knife handles, Making. W. I. Nelson. 1,473,121; Nov. 6.
Knife lock. J. Bobek. 1,454,665; May 8.
Knife miner's. J. P. and F. S. Widas. 1,458,789; June 12.
Knife or similar article. J. B. Sherman. Des. 63,664; Dec. 25.
Knife, Paring. A. F. Burkholder. 1,445,746; Feb. 20.
Knife, Paring. E. B. Carlson. 1,444,659; Feb. 6.
Knife, Paring. F. Sargent. 1,448,678; Mar. 13.
Knife, Paring and pitting. W. Elmenthaler. 1,446,739; Feb. 27.
Knife, Pile-cutter. T. Bachofen. 1,463,239; July 31.
Knife, Planer. J. Himes. 1,459,398; June 19.
Knife, Potato. H. Brooks. 1,477,421; Dec. 11.
Knife, Razor-blade pocket. A. A. Tubbs. 1,444,715; Feb. 6.
Knife, Rotary cutting and leveling. C. J. H. Penning. 1,444,035; Feb. 6.
Knife-setting appliance. E. Vosburgh. 1,478,539; Dec. 25.
Knife, Skinning. R. Blades. 1,470,255; Oct. 9.
Knife, Skinning. D. Martin. 1,477,510; Dec. 11.
Knife support, Mote-. J. F. Upchurch. 1,441,895; Jan. 9.
Knife, Surgeon's. N. Seaholm. 1,476,185; Dec. 4.
Knife switch, Manually-controlled quick-make and quick-break. H. G. Pape. 1,449,543; Mar. 27.
Knife switch, Safety. F. Fix. 1,470,717; Oct. 16.
Knife switches, Interlocking. L. C. Wescoat. 1,462,055; July 17.
Knife, Topping. J. J. Bundell. 1,476,846; Dec. 11.
Knife, Trick. T. B. Schimpff. 1,445,361; Feb. 13.
Knife, Velvet-pile-cutting. H. A. Gregoire. 1,442,334; Jan. 16.
Knitted cap. I. G. Strauss. 1,445,981; Feb. 20.
Knitted cap and making the same. S. Rosenberg. 1,475,653; Nov. 27.
Knitted fabric. H. T. Ballard. Des. 61,868; Feb. 6.
Knitted fabric. H. Gropper. 1,468,963; Sept. 25.
Knitted fabric. H. Guttman. Des. 62,551–2; June 19.
Knitted fabric. E. C. Ward. 1,475,333; Nov. 27.
Knitted fabric and its production. I. Springthorpe. 1,475,325; Nov. 27.
Knitted fabric and making same. H. T. Fleisher. 1,444,786; Feb. 13.
Knitted fabric and producing same, Openwork. R. Hinchliff. 1,451,391; Apr. 10.
Knitted fabric for garments. J. G. Underwood. Des. 62,093; Mar. 13.
Knitted fabric, Method and apparatus for producing. L. A. O'Lena. 1,441,110; Jan. 2.
Knitted fabrics, Making warp. E. E. Preston. 1,460,918; July 3.
Knitted fabrics, Method and apparatus for napping. M. Friedman. 1,448,485; Mar. 13.
Knit fabrics, Producing. N. Schwartz. 1,470,490; Oct. 9.
Knitted glove and making same. G. P. Bosworth. 1,458,102; June 5.
Knitted materials and the like, Machine-made seam for. H. E. Esche. 1,452,195; Apr. 17.
Knitted rib fabric. H. T. Ballard. Des. 62,976; Sept. 4.
Knitting device, Manual. A. H. and C. H. Bellamy. 1,442,040; Jan. 16.
Knitting frame for the production of openwork sinker wales, Rectilinear. A. Gillier. 1,478,115; Dec. 18.
Knitting machine. C. Apffel. 1,459,352; June 19.
Knitting machine. H. T. Ballard. 1,470,677; Oct. 16.
Knitting machine. A. F. Bredannaz. 1,468,697; Sept. 25.
Knitting machine. L. Robaczynski. 1,468,513; Sept.18.
Knitting machine. C. Merli and G. Bertolini. 1,443,999; Feb. 6.
Knitting machine. A. Selkirk. 1,447,489; Mar. 6.
Knitting machine and forming reenforcements. R. H. Lawson. 1,459,157; June 19.
Knitting machine and needle therefor. P. P. La Montagne. 1,441,591; Jan. 9.
Knitting machine and producing split fabric. R. H. Lawson. 1,458,833; June 12.
Knitting machine and separate latch needle therefor. P. P. La Montagne. 1,441,592; Jan. 9.
Knitting machine, Circular-. W. L. Houseman. 1,462,551; July 24.
Knitting machine, Circular-. R. W. Walton. 1,455,370; May 15.
Knitting machine, Circular-. T. Widdowson. 1,464,052; Aug. 7.
Knitting machine, Circular rib-. T. C. Bromley and W. Cavers. 1,461,693; July 10.
Knitting machine, Circular warp-. H. M. Smith. 1,458,156; June 12.
Knitting-machine dial mounting. R. W. Scott. 1,441,124; Jan. 2.

Alphabetical list of inventions—Continued.

Knitting-machine head. H. T. Ballard. 1,470,678; Oct. 16.
Knitting machine, Internal-welt-. R. Fenn. 1,459,446; June 19.
Knitting-machine needle. J. G. Hanes. 1,475,182; Nov. 27.
Knitting machine needle. W. R. Scott. 1,468,518; Sept. 18.
Knitting machine, Open or lace work. A. Gagné. 1,450,946; Apr. 10.
Knitting machines, Detector and stop-motion means for. K. Howie and W. O. Taylor. 1,456,553; May 29.
Knitting machines, Jacquard mechanism for circular-. L. Toth, C. Konyves, and F. Strieffler. 1,460,990; July 3.
Knitting machines, Lace attachment for. E. O. Nebel. 1,463,719; July 31.
Knitting machines, Loop-forming mechanism for. E. Desachy. 1,467,239; Sept 4.
Knitting machines, Needle-controlling mechanism for. M. C. Miller. 1,447,354; Mar. 6.
Knitting machines, Needle-controlling mechanism for. M. C. Miller. 1,452,842; Apr. 24.
Knitting machines, Pattern-control mechanism for. V. W. Andeisen. 1,452,137; Apr. 17.
Knitting machines, Pattern wheel for. K. Howie. 1,448,302; Mar. 13.
Knitting machines, Plating mechanism for straight-. W. S. Parker. 1,441,745; Jan. 9.
Knitting machines, Sinker for. W. H. English. 1,475,176; Nov. 27.
Knitting machines, Sinker or web-holder cam mechanism for. G. P. Bosworth. 1,458,103; June 5.
Knitting machines, Stitch-length-controlling mechanism for. G. P. Bosworth. 1,448,653; Mar. 13.
Knitting machines, Stitch wheel for. J. Bloom. 1,475,045; Nov. 20.
Knitting machines, Stop device for full-fashioned-stocking-. A. Gee. 1,450,071; Mar. 27.
Knitting machines, Stop mechanism for. A. K. Hauptmann. 1,473,580; Nov. 6.
Knitting machines, Stop motion for. W. T. Barratt. 1,461,172; July 10.
Knitting machines, Stop motion for. E. S. Hineline. 1,463,741; July 31.
Knitting machines, Stopping device for. H. W. Niermeyer. 1,471,802; Oct. 23.
Knitting machines, Take-up mechanism for. R. Fisher. 1,450,799; Apr. 3.
Knitting machines, Take-up mechanism for. K. Howie. 1,442,069; Jan. 16.
Knitting machines, Take-up mechanism for. K. Howie. 1,470,741; Oct. 16.
Knitting machines, Tension device for. W. B. Dugan. 1,465,934; Aug. 28.
Knitting machines, Timing connection for dial and cylinder. R. W. Scott. 1,441,123; Jan. 2.
Knitting machines, Web-holder cam for. A. Gagné. 1,457,903; June 5.
Knitting machines, Web-holder cam mechanism for. F. E. Jones. 1,477,060; Dec. 11.
Knitting machines, Web-holder mechanism for. R. W. Scott. 1,467,691; Sept. 11.
Knitting machines, Yarn-controlling mechanism for spring-needle. F. E. Jones. 1,476,518; Dec. 4.
Knitting machines, Yarn-sinking mechanism for. K. Howie and W. O. Taylor. 1,445,767; Feb. 20.
Knives, Attachment for skinning. H. W. L. Porth. 1,452,893; Apr. 24.
Knives, Lock and guard for. W. F. Watson. 1,476,123; Dec. 4.
Knob alarm. A. G. Pappadakis. 1,462,496; July 24.
Knob and spindle construction. C. I. Parker. 1,442,629; Jan. 16.
Knob lock. J. Montgomery. 1,466,369; Aug. 28.
Knob, Theft-signal door. B. A. North and L. C. Rishel. 1,476,842; Dec. 11.
Knockdown structure. E. E. Hartman. 1,449,042; Mar. 20.
Knockdown table. W. Schwaegler. 1,467,505; Sept. 11.
Knotter. H. D. Colman. 1,450,941; Apr. 10.
Knuckle joint. H. C. Lord. 1,456,068; May 22.
Label. C. Wiegandt. 1,462,220; July 17.
Label-affixing apparatus. M. B. Ferguson and E. Haas. 1,452,830; Apr. 24.
Label-applying device. J. N. Tzibides. 1,467,021; Sept. 4.
Label-attaching machine. F. M. Peters and W. H. Hungerford. 1,448,364; Mar. 13.
Label, Stationery. M. R. Scanlan. 1,461,585; July 10.
Label-wiping device. J. E. Johnson and C. H. Oslund. 1,445,321; Feb. 13.
Labeling machine. C. Beckmann. 1,446,733; Feb. 27.
Labeling machine. N. Muslar. 1,453,020; Apr. 24.
Labeling machine. C. H. Nitsch and W. A. Weightman. 1,476,636; Dec. 4.
Labeling machine. V. S. Westcott. 1,440,856; Jan. 2.
Labeling machine, Bottle-. E. Ermold. 1,447,716; Mar. 6.
Labeling machine, Can-. T. McGhee and P. Woodhead. 1,443,610; Jan. 30.
Labels, Machine for pasting and attaching. L. Casper. 1,449,495; Mar. 27.
Labels to the ends of boards, Means for attaching flexible. R. D. Fay and F. R. Shaw. 1,477,336; Dec. 11.
Laboratories, Steam bowl for chemical. J. Menzies. 1,454,648; May 8.
Laboratory tabulator. C. Penaflor. 1,460,917; July 3.
Lace. H. B. Barnum. Des. 63,446; Dec. 11.
Lace. J. G. Currie. Des. 62,441–2; June 5.
Lace. L. Dinkelspiel and E. Bosshardt. Des. 62,890–901; Aug. 21.
Lace. W. Draycott. Des. 62,298; May 1.
Lace. H. Giebel. Des. 62,719; July 24.
Lace. W. Helbig. Des. 62,724; July 24.
Lace. B. H. W. Hucknall. Des. 61,978; Feb. 20.
Lace. J. Langenegger. Des. 62,735; July 24.
Lace. T. Monk. Des. 62,790; July 31.
Lace. S. H. Page. Des. 62,794–802; July 31.
Lace. S. H. Page. Des. 63,153–6; Oct. 23.
Lace. S. H. Page. Des. 63,311–2; Nov. 20.
Lace. S. H. Page. Des. 63,481–7; Dec. 11.
Lace. H. A. Philips. Des. 63,157; Oct. 23.
Lace. G. Radford. Des. 62,306–9; May 1.
Lace. G. Radford. Des. 62,411; May 22.
Lace. H. Seel. Des. 62,312; May 1.
Lace. H. Seel. Des. 62,507; June 12.
Lace. B. Shapiro. Des. 62,508; June 12.
Lace. T. H. Smedley. Des. 62,653; July 10.
Lace. H. L. Stern. Des. 62,461; June 5.
Lace and in the method of making the same, Twist. W. C. Hopewell. 1,446,184; Feb. 20.
Lace-braiding machine. H. Buscher. 1,447,530; Mar. 6.
Lace-braiding machine. R. C. Rahm. 1,446,127; Feb. 20.
Lace cutter. L. N. Groner. 1,450,498; Apr. 3.
Lace fastener, Shoe-. J. Solomon and O. C. Billman. 1,466,673; Sept. 4.
Lace-locking means for articles of personal wear. E. J. Triay, jr. 1,466,075; Aug. 28.
Lace machine. W. J. Hawker. 1,473,094; Nov. 6.
Lace machine, Twist-. A. E. Stroud. 1,449,921; Mar. 27.
Lace, Shoe. J. Alvarez. 1,476,677; Dec. 11.
Lace, Shoe. L. F. Unnold. 1,458,088; June 5.
Lace-tie retainer, Shoe-. C. J. Sandberg. 1,446,663; Feb. 27.
Lace tip, Shoe. C. S. Wolf, sr. 1,458,017; June 5.
Lace with a gauzelike ground, Manufacture of. E. Türck. 1,447,526; Mar. 6.
Laces, Machine for tipping shoe. S. Norden. 1,446,059; Feb. 20.
Lacing device. L. E. Washburn. 1,466,078; Aug. 28.
Lacing device, Easy-. L. Funck. 1,463,579; July 31.
Lacing for boots. M. L. Oberg. 1,450,047; Mar. 27.
Lacing machine. H. E. Enslin. 1,446,167; Feb. 20.
Lacing, Shoe. T. W. Miller. 1,476,348; Dec. 4.
Lacing, Shoe. W. Zapis. 1,474,396; Nov. 20.
Lacquering machine. P. Harrich. 1,448,065; Mar. 13.
Ladder. F. J. Bryant. 1,474,760; Nov. 20.
Ladder. J. H. Dwight. 1,446,382; Feb. 20.
Ladder. J. Gründel. 1,473,228; Nov. 6.
Ladder. G. L. Squire. 1,464,780; Aug. 14.
Ladder. C. C. Stevens. 1,471,290; Oct. 16.
Ladder. B. K. Traylor. 1,444,759; Feb. 6.
Ladder. F. Veniero. 1,459,350; June 19.
Ladder. M. A. Wilford. 1,445,573; Feb. 13.
Ladder, Aerial extension. R. S. Bolger. 1,470,139; Oct. 9.
Ladder and conveyer, Fruit-picker's. N. D. Sergeant. 1,458,313; June 12.
Ladder and the like, Fire. J. H. Osborne and A. W. Burford. 1,478,793; Dec. 25.
Ladder attachment. P. M. Echlin. 1,462,086; July 17.
Ladder attachment. H. Hunt. 1,462,505; July 24.
Ladder attachment. O. T. Larson. 1,447,092; Feb. 27.
Ladder bracket. L. P. Reimann. 1,474,289; Nov. 13.
Ladder clamp. J. J. Schuh. 1,470,489; Oct. 9.
Ladder, Combination. E. Darnell and L. G. Cassidy. 1,460,792; July 3.
Ladder, Extension. R. S. Bolger. 1,457,100; May 29.
Ladder, Extension. J. H. Ridings. 1,445,848; Feb. 20.
Ladder, Extension. R. M. Stolworthy. 1,450,312; Apr. 3.
Ladder, Extension. G. H. Walchli. 1,461,952; July 17.
Ladder, Folding. A. S. Dixon. 1,460,479; July 3.
Ladder, Folding. L. F. Riemer. 1,466,757; Sept. 4.
Ladder foot. A. Johnson. 1,455,002; May 15.
Ladder jack, Adjustable. J. R. Goodwin. 1,441,847; Jan. 9.
Ladder jack, Platform. C. A. Butrum. 1,452,182; Apr. 17.
Ladder platform, Adjustable. G. Le Flohic. 1,454,750; May 8.
Ladder, Pruning. S. J. Mitchell, A. D. Gabbert, and J. W. Blatter. 1,456,813; May 29.
Ladder rest or support. E. W. Wendel. 1,467,597; Dec. 25.
Ladder rung, Replaceable. F. T. Peters. 1,460,680; July 3.
Ladder-scaffold bracket. F. T. Peters. 1,468,412; Sept. 18.
Ladder scaffold bracket. H. P. White. 1,477,738; Dec. 18.
Ladder, Ship's. H. H. Brann and G. H. Tenbrook. 1,447,613; Mar. 6.
Ladder, Sidehill. W. Martin. 1,442,694; Jan. 16.
Ladder-step bracket. G. A. Messacar. 1,475,078; Nov. 20.
Ladder, Store. H. P. Howard. 1,452,076; Apr. 17.

Ladder support, Roof-projection. P. G. Gauss. 1,478,823; Sept. 11.
Ladders, Attachment for. J. Comeau. 1,478,941; Dec. 25.
Ladders, Brake for rolling. L. N. Hampton. 1,471,657; Oct. 23.
Ladders, Platform for. M. R. Myers. 1,455,220; May 15.
Ladders, Safety device for. R. Mahoney. 1,450,694; Apr. 3.
Ladders, Safety head and track for traveling. F. W. Cornell. 1,450,430; Apr. 3.
Ladle-drying apparatus. G. R. McDermott. 1,458,350; June 12.
Ladle hanger. A. Bergstrom and A. E. Greene. 1,446,031; Feb. 20.
Ladle mechanism, Casting-. J. B. Ladd. 1,469,223–5; Oct. 2.
Ladle-tilting mechanism. A. C. Nelson. 1,459,985; June 26.
Ladle-turning mechanism, Motor-driven. J. S. Townsend. 1,472,286; Oct. 30.
Laminated spool. R. S. Bolger. 1,445,931; Feb. 20.
Laminated springs, Casing for. J. Zulich. 1,476,568; Dec. 4.
Lamp. J. H. Ballweg. 1,470,135; Oct. 9.
Lamp. M. E. Bishop. Des. 63,388; Dec. 4.
Lamp. H. Christensen and E. L. Brunswick. 1,455,902; May 22.
Lamp. B. Carlisle. Des. 61,926; Feb. 13.
Lamp. E. Culver. 1,448,434; Mar. 13.
Lamp. F. G. Dix. Des. 62,020; Mar. 6.
Lamp. H. A. Douglas. 1,449,503; Mar. 27.
Lamp. H. G. Fitz Gerald. 1,453,044; Apr. 24.
Lamp. H. G. Fitz Gerald. 1,455,245; May 15.
Lamp. W. H. Fulper. Des. 62,023; Mar. 6.
Lamp. C. F. Gilchrist. 1,465,549; Aug 21.
Lamp. C. E. Godley. 1,477,819; Dec. 18.
Lamp. A. L. Hansen. 1,464,988; Aug. 14.
Lamp. H. S. Johnson. 1,459,104; June 19.
Lamp. O. Lamacchia. Des. 63,562; Dec. 18.
Lamp. H. G. Levy. Des. 63,475; Dec. 11.
Lamp. W. A. Luby. 1,478,236; Dec. 18.
Lamp. A. S. Macdonald. Des. 62,029; Mar. 6.
Lamp. F. L. Miller. 1,449,772; Mar. 27.
Lamp. O. P. Muller and A. P. Popoff. Des. 63,111; Oct. 2.
Lamp. J. P. Nealon. 1,440,617; Jan. 2.
Lamp. W. Rylander. Des. 63,006; Sept. 4.
Lamp. A. Schnitker. Des. 63,010; Sept. 4.
Lamp. J. C. Steese and C. A. Hoff. 1,451,123; Apr. 10.
Lamp. S. G. Warner. 1,463,183; July 31.
Lamp. H. H. Wolter. Des 63,016–8; Sept. 4.
Lamp, Acetylene. J. M. Brock. 1,461,572; July 10.
Lamp, Advertising. P. R. Rosenberg, and R. Herman. 1,443,931; Jan. 30.
Lamp, Aircraft. A. L. Davis. 1,463,677–8; July 31.
Lamp and bell, Combined. C. Shiono. 1,441,247; Jan. 9.
Lamp and book end, Combined. E. Simmons. Des. 62,870; Aug. 14.
Lamp and bookrack, Combined. A. S. Trask. Des. 62,678; July 17.
Lamp and mirror, Signal. H. G. Schiller. 1,465,950; Aug. 28.
Lamp and signal, Auto tail. C. Stern and G. F. Egan. Re15,661; July 24.
Lamp and sound-reproducing device, Combined. W. Erni and A. E. Lange, jr. Des. 62,714; July 24.
Lamp, Art. I. Kidder and L. Melton. Des. 62,909; Aug. 21.
Lamp, Automobile. A. H. Reeks. 1,452,654; Apr. 24.
Lamp, Automobile. R. B. Benjamin. 1,464,166; Aug. 7.
Lamp base. G. L. Ludwig. Des. 62,028; Mar. 6.
Lamp base. F. Yokel. Des. 61,941; Feb. 13.
Lamp, Battery. E. J. McEachron. 1,462,207; July 17.
Lamp, Battery hand. E. Alschuler. 1,445,193; Feb. 13.
Lamp, Battery hand. E. Alschuler. 1,458,124; June 12.
Lampblack burner. J. L. Dostal. 1,462,691; July 24.
Lamp body. T. I. Duffy. Des. 63,639; Dec. 25.
Lamp body. F. Pirson. Des. 63,321; Nov. 20.
Lamp, Boudoir. F. W. Usher. 1,454,799; May 8.
Lamp bracket. W. C. Baer. 1,452,138; Apr. 17.
Lamp bracket. C. E. Godley. 1,455,784; May 22.
Lamp bracket. M. Maibrunn. 1,457,587; June 5.
Lamp bulb, Electric. H. A. Baum. Des. 62,052; Mar. 13.
Lamp-bulb installing and removing device. H. D. Grinnell. 1,463,466; July 31.
Lamp-bulb installing and removing device. H. D. Grinnell. 1,468,348; Sept. 18.
Lamp-bulb-tilting device. W. F. Persons. 1,453,281; May 1.
Lamp bulbs, Antitheft device for electric-. T. A. Dickinson. 1,464,243; Aug. 7.
Lamp burner. R. Elkins. 1,444,241; Feb. 6.
Lamp cap, Dashboard-. N. B. Lundahl. 1,440,738; Jan. 2.
Lamp, Carbide. C. de Cazen. 1,443,815; Jan. 30.
Lamp, Carbide. L. E. Polhemus. 1,450,867; Apr. 3.
Lamp casing. C. A. B. Halvorson, jr. 1,466,282; Aug. 28.
Lamp casing. C. F. Rabenold. Des. 62,243; Apr. 24.
Lamp casing, Electric-. P. W. Pomeroy. 1,440,552; Jan. 2.
Lamp casings, Lens mounting for. E. G. K. Anderson. 1,462,472; July 24.
Lamp chimney or similar article. F. Kesot. Des. 62,821; Aug. 7.
Lamp clip and stay, Miner's. N. Farley. 1,461,607; July 10.
Lamp, Clock. G. Graff. Des. 61,910; Feb. 6.
Lamp column. F. Yokel. Des. 61,940; Feb. 13.
Lamp, Column for a. A. Bostroem. Des. 61,760; Jan. 9.
Lamp, Combination vehicle. J. T. McGrath. 1,473,307; Nov. 6.
Lamp, Cowl. E. Kavanagh. Des. 63,231; Nov. 6.
Lamp device, Dirigible automobile. C. E. Kistner. 1,452,916; Apr. 24.
Lamp-dimmer attachment, Auto. N. C. Garwood. 1,471,395; Oct. 23.
Lamp dimming pull socket, Thermostatic. R. D. Smith. 1,456,285; May 22.
Lamp, Dirigible. G. W. J. Crabb. 1,442,604; Jan. 16.
Lamp, Dirigible. W. Schierding. 1,455,149; May 15.
Lamp doors, Lock for. E. W. Driemeyer. 1,451,870; Apr. 17.
Lamp, Electric. E. Alber. 1,465,293; Aug. 21.
Lamp, Electric. A. W. Becker. 1,459,083; June 19.
Lamp, Electric. M. Claussen. 1,471,384; Oct. 23.
Lamp, Electric. R. M. Eaton. 1,464,382; Aug. 7.
Lamp, Electric. E. R. Pennell. 62,919; Aug. 21.
Lamp, Electric. A. J. Sanders. 1,474,735; Nov. 20.
Lamp, Electric battery. M. L. Kaplan. 1,477,876–8; Dec. 18.
Lamp, Electric candle. M. L. Kaplan. 1,477,875; Dec. 18.
Lamp, Electric gas. A. Lederer. No. 1,461,359–60; July 10.
Lamp, Electric gas. A. Lederer. 1,461,921; July 17.
Lamp, Electric hand. D. Pepper. 1,443,089; Jan. 23.
Lamp, Electric incandescent. A. Lederer. 1,464,826; Aug. 14.
Lamp, Electric incandescent. E. Rohner and E. Simic. 1,449,627; Mar. 27.
Lamp, Electric incandescent. B. E. Shackelford. 1,463,178; July 31.
Lamp, Electric pocket. H. Studer. 1,468,408; Sept. 18.
Lamp electrode, Arc-. H. B. Eynon. 1,444,961–2; Feb. 13.
Lamp, especially hydrocarbon incandescence lamp, Vapor. P. Lucas. 1,478,717; Dec. 25.
Lamp extinguisher. F. Stiyouk. 1,478,491; Dec. 25.
Lamp filament and support. A. S. Volpian. 1,457,239; May 29.
Lamp finial. E. C. Ruttenberg. 1,477,523–4; Dec. 11.
Lamp fixture. H. M. Greist. 1,473,424; Nov. 6.
Lamp fixture. A. J. D. Ohm. Des. 62,032–4; Mar. 6.
Lamp fixture. A. J. D. Ohm. Des. 63,580–1; Dec. 18.
Lamp fixture and socket construction. A. B. Barnes. 1,465,836; Aug. 21.
Lamp-fixture arm. A. J. D. Ohm. Des. 63,655; Dec. 25.
Lamp fixture, Back plate for a. A. J. D. Ohm. Des. 63,579; Dec. 18.
Lamp fixture, Electric-. M. F. Deach. 1,449,658; Mar. 27.
Lamp fixture, Electric-. A. C. Recker. 1,440,412; Jan. 2.
Lamp fixture or support, Electric-. N. W. Nutt. 1,453,887; May 1.
Lamp for automobiles and the like. F. W. Wakefield. 1,453,534; May 1.
Lamp for automobiles, Rear. M. Frascadore and R. Vallone. 1,462,274; July 17.
Lamp for road vehicles and like purposes. A. C. Whitehead. 1,463,643; July 31.
Lamp, Front for a traffic-directing signal. O. Kroehle. Des. 62,401–3; May 22.
Lamp globe. C. Costanz. Des. 63,118; Oct. 9.
Lamp guard. R. B. Benjamin. 1,444,054; Feb. 6.
Lamp guard. H. L. Hawkins. 1,448,345; Mar. 13.
Lamp hanger. E. M. Larkins. 1,454,855; May 15.
Lamp hanger. A. J. Thompson. 1,473,713; Nov. 13.
Lamp, Hanging. C. A. Smith. Des. 62,188; Apr. 3.
Lamp holder, Adjustable. D. Kenneth. 1,444,249; Feb. 6.
Lamp holder, Electric-incandescent-. E. F. Tweedy. 1,460,394; July 3.
Lamp holder for miners' caps. E. Israel. 1,466,300; Aug. 28.
Lamp holder, Miner's carbide-. E. S. Barnstable. 1,454,034; May 8.
Lamp-house support, Combination. W. Wenderhold. 1,452,582; Apr. 24.
Lamp, Incandescent. D. Gordon. 1,468,264; Sept. 18.
Lamp, Incandescent. L. Ryzowicz and J. J. Bolek. 1,460,143; June 26.
Lamp, Incandescent electric. W. D. Hawley. 1,441,150; Jan. 2.
Lamp, Incandescent electric. K. Kambayashi. 1,445,398; Feb. 13.
Lamp, Incandescent electric. C. E. Leece. 1,457,440; June 5.
Lamp, Incandescent electric. G. W. Turner. 1,450,964; Apr. 10.
Lamp, Instrument-board. T. J. Kerwin. 1,443,182; Jan. 23.
Lamp kit, Automobile. D. M. Wallace. 1,449,961; Mar. 27.
Lamp, Lantern. A. J. D. Ohm. Des. 63,164; Oct. 30.
Lamp, Lens for automobile. T. C. Igo. Des. 63,230; Nov. 6.
Lamp lock. R. E. Stouffer. 1,459,562; June 19.

Alphabetical list of inventions—Continued.

Lamp, Locking. H. Hubbell. 1,460,246; June 26.
Lamp, Miner's. W. W. Zickler. 1,455,130; May 15.
Lamp, Miner's carbide. H. Davis. 1,477,431; Dec. 11.
Lamp mounting for vehicles. F. G. Alborn. 1,446,441; Feb. 27.
Lamp, Multicolor-light-emitting. C. Dürrigl. 1,466,428; Aug. 28.
Lamp, Multiple filament. G. E. Quandt. 1,456,568; May 29.
Lamp, Multiple incandescent electric. N. Wise. 1,445,120; Feb. 13.
Lamp, Night. E. L. Trenteseau. 1,461,233; July 10.
Lamp, Oil. H. Courteen. 1,450,580; Apr. 3.
Lamp or other pedestal. F. Roettges. Des. 62,497–500; June 12.
Lamp or other pedestal. F. Roettges. Des. 62,502–3; June 12.
Lamp or other shade. F. Roettges. Des. 62,501; June 12.
Lamp or other shade. F. Roettges. Des. 63,270; Nov. 13.
Lamp or searchlight for vehicles. G. Fornaca. 1,447,378; Mar. 6.
Lamp, Parking. M. A. Aufiero. Des. 62,932; Aug. 28.
Lamp, Parking. C. T. Mason. 1,475,443; Nov. 27.
Lamp pedestal and stand, Combined. G. Häfele. Des. 63,163; Oct. 30.
Lamp, Perfume burning. N. L. Normandi. Des. 63,266; Nov. 13.
Lamp perfumer. A. J. Flauder. Des. 62,943–4; Aug. 28.
Lamp, Portable. W. F. Lent. 1,455,592; May 15.
Lamp, Portable. W. J. Spence. 1,470,774; Oct. 16.
Lamp, Portable electric. J. C. Armour. 1,471,133; Oct. 16.
Lamp post, Street-. A. G. Kinney. Des. 63,560; Dec. 18.
Lamp post, Yielding self-arighting safety. F. W. Griswold. 1,461,116; July 10.
Lamp, Projection. I. Cohen. 1,476,149; Dec. 4.
Lamp, Projection. A. R. Remark. 1,464,270; Aug. 7.
Lamp, Reading. E. Mullard, L. Valenducq, and J. Dubois. 1,468,727; Sept. 25.
Lamp receptacle. G. B. Thomas. 1,442,013; Jan. 9.
Lamp reflector. N. Rosen. 1,466,484; Aug. 28.
Lamp reflector attachment. F. Bedford. 1,453,739; May 1.
Lamp, searchlight, and the like. J. G. Smith. 1,469,690; Oct. 2.
Lamp. shade. S. H. Baker. 1,477,991; Dec. 18.
Lamp shade. A. L. Grentz. Des. 62,484; June 12.
Lamp shade. S. G. Mandalian. 1,468,865; Sept. 25.
Lamp shade. A. J. D. Ohm. Des. 63,003; Sept. 4.
Lamp shade. N. W. Perrin. Des. 61,932; Feb. 13.
Lamp shade. W. F. Rusche. Des. 62,365; May 15.
Lamp shade. A. Scherer. 1,467,689; Sept. 11.
Lamp shade. G. I. Schley. Des. 62,676; July 17.
Lamp shade. E. H. Strauss. 1,472,502; Oct. 30.
Lamp shade. E. H. Strauss. 1,476,190; Dec. 4.
Lamp shade. F. Yokel. Des. 61,933; Feb. 13.
Lamp shade. F. Yokel. Des. 62,113; Mar. 20.
Lamp shade, Adjustable. R. S. Standish. 1,449,018; Mar. 20.
Lamp shade and stand, Combined. J. F. Kohler. Des. 63,184–6; Oct. 30.
Lamp shade and stand, Combined. M. Kornblum. Des. 62,026; Mar. 6.
Lamp shade and stand, Combined. M. Kornblum. Des. 62,239; Apr. 24.
Lamp-shade carrier. H. J. Waite. 1,477,734; Dec. 18.
Lamp-shade-delivery box. T. J. Keeping. 1,453,275; May 1.
Lamp shade, Detachable and foldable. R. M. Amores. 1,452,773; Apr. 24.
Lamp shade, Electric. J. M. Crucet. Des. 62,231; Apr. 24.
Lamp-shade frame, Extensible. E. H. M. J. J. de Martilly. 1,447,284; Mar. 6.
Lamp-shade holder. R. B. Benjamin. 1,442,850; Jan. 23.
Lamp-shade holder. J. Peterson. 1,473,380; Nov. 6.
Lamp shade, Mounting. S. R. Schwartz and A. Bostroem. 1,472,686; Oct. 30.
Lamp-shade panel. H. J. O'Boyle. 1,463,722; July 31.
Lamp shades, Manufacturing filigree metal. A. E. Shepherd and E. G. Lovering. 1,466,033; Aug. 28.
Lamp, Show-case. F. A. Van Doren. Des. 62,857; Aug. 7.
Lamp, Signal. C. E. Godley. 1,475,296; Nov. 27.
Lamp socket. R. B. Benjamin. 1,474,015; Nov. 13.
Lamp socket. W. L. Brooks. 1,444,454; Feb. 6.
Lamp socket. L. Erikson. 1,469,038; Sept. 25.
Lamp socket. C. Garcillan. 1,464,602; Aug. 14.
Lamp socket and shade holder, Electric. N. W. Nutt. 1,441,741; Jan. 9.
Lamp socket, Electric-. R. B. Benjamin and P. D. Phillips. 1,453,827; May 1.
Lamp socket, Electric-. C. E. Stahl. 1,451,122; Apr. 10.
Lamp socket, Focusing-. F. H. Wetzel. 1,459,700; June 19.
Lamp socket, Multiple. B. I. and E. Rockoff. 1,471,208; Oct. 16.
Lamp sockets, Extensible support for electric-. W. F. Kahns. 1,443,747; Jan. 30.
Lamp, Spot and extension. E. G. K. Anderson 1,469,981; Oct. 9.
Lamp stand. A. L. Grentz. Des. 62,025; Mar. 6.
Lamp stand. S. Miura. Des. 62,031; Mar. 6.
Lamp stand. E. G. Perkins. 1,459,249; June 19.
Lamp stand. V. Toothaker. Des. 63,126; Oct. 9.
Lamp stand. F. A. Wyatt. Des. 63,116; Oct. 2.
Lamp stand and lamp protector, Combination. G. Potstada. 1,440,694; Jan. 2.
Lamp stand, Electric-. H. Dunn. 1,446,695; Feb. 27.
Lamp stand, Electric. I. L. Kleinfield. Des. 62,236–8; Apr. 24.
Lamp stand, Electric-. I. L. Kleinfield. Des. 62,734; July 24.
Lamp stand, Electric-. R. J. Travers. 1,448,949; Mar. 20.
Lamp stand, Ornamental. C. Vehling. 1,460,992; July 3.
Lamp stand or similar article. H. Christensen and E. L. Brunswick. Des. 62,136; Mar. 27.
Lamp stand, Statuette. A. T. Guilbert. Des. 62,203; Apr. 10.
Lamp, Standing. E. Brandts. Des. 62,877; Aug. 21.
Lamp standard. J. W. Gosling. Des. 62,570; June 26.
Lamp standard. E. B. Pike. Des. 61,934–5; Feb. 13.
Lamp standard. E. B. Pike. Des. 62,110–1; Mar. 20.
Lamp standard. A. Steffen. Des. 63,125; Oct. 9.
Lamp standard. A. Steffen. Des. 63,441; Dec. 4.
Lamp standard. F. Yokel. Des. 62,370; May 15.
Lamp standard. F. Yokel. Des. 63,274; Nov. 13.
Lamp standard. F. Yokel. Des. 63,349–50; Nov. 20.
Lamp, Street. R. A. Fancy. 1,440,664; Jan. 2.
Lamp, Street signal. F. Milliken. Des. 62,030; Mar. 6.
Lamp support. W. Berk. 1,456,297; May 22.
Lamp support. M. R. Goldberg. Des. 62,903; Aug. 21.
Lamp support. V. W. Pagé. 1,456,459; May 22.
Lamp support. C. K. Strausbaugh and W. McIntyre. 1,442,189; Jan. 16.
Lamp support, Automatic dirigible. J. B. Nicholson. 1,475,080; Nov. 20.
Lamp, Switchboard. E. A. Bohlman. 1,469,208; Oct. 2.
Lamp, Switchboard incandescent. H. T. Bellamy. 1,478,014; Dec. 18.
Lamp switch, Hand-. F. L. Humeston. 1,475,584; Nov. 27.
Lamp, table lamp, and pedestal, Combination floor. J. Rosenberg. 1,456,194; May 22.
Lamp, Therapeutic. H. W. Nelson. 1,470,698; Oct. 16.
Lamp, Tonneau. N. L. Snorf. 1,476,929; Dec. 11.
Lamp, Variable electric. J. Ardo and F. Melfo. 1,464,346; Aug. 7.
Lamp, Vapor arc. H. C. Rentschler. 1,451,271; Apr. 10.
Lamp, Vehicle. C. E. Godley. Des. 62,945; Aug. 28.
Lamp, Vehicle. E. A. Kuen. 1,469,187; Sept. 25.
Lamp, Vehicle. C. McKeever. 1,444,930; Feb. 13.
Lamp, Vehicle. F. A. Ross. Des. 63,659; Dec. 25.
Lamp, Water-cooled. L. A. Wilson. 1,457,646; June 5.
Lamp with brake-controlled supporting arms for incandescent lamps, Electric table. G. Weber. 1,474,304; Nov. 13.
Lamp with signal pane and compass, Electric pocket. F. Yokoyama. 1,459,274; June 19.
Lamp wrench. L. F. Despres. 1,467,535; Sept. 11.
Lamps and making the same, Filamentary body for electric. R. D. Hall and H. H. Smith. 1,461,117; July 10.
Lamps and similar articles, Apparatus for exhausting incandescent electric. M. P. Wetmore. 1,445,811; Feb. 20.
Lamps and similar articles, Manufacture of incandescent electric. L. E. Mitchell and A. J. White. 1,453,595; May 1.
Lamps and the like, Device for handling electric. G. E. Hatfield. 1,476,817; Dec. 11.
Lamps and the like, Support for. G. Graff. Des. 62,446; June 5.
Lamps, Antiglare device for. G. E. Petersen. 1,467,194; Sept. 4.
Lamps, Attachment for electric. L. Schmidt. 1,458,994; June 19.
Lamps, Attachment for miner's. G. Date. 1,459,576; June 19.
Lamps, Base for portable. W. F. Lent. 1,454,935; May 15.
Lamps, Cable terminal for arc. T. F. Uhlemann. 1,456,746; May 29.
Lamps, Casing for parking. C. S. Overton. Des. 62,408; May 22.
Lamps, Cleaner for burners of carbide. J. W. Jacobson and J. E. Turja. Re15,598; May 15.
Lamps, Closure construction for auto. E. E. Kuen. 1,461,799; July 17.
Lamps, Coating for electric. M. Luckiesh. 1,464,101; Aug. 7.
Lamps, Device for incandescent. F. W. Salz. 1,468,084; Sept. 18.
Lamps, Elastic ring-shaped holder for small. F. F. Heine. 1,450,547; Apr. 3.
Lamps, etc., Device or apparatus for avoiding the glare or dazzle emanating from. A. Reeves. 1,464,884; Aug. 14.
Lamps, Flexible shade for electric. F. M. Ashley. 1,465,333; Aug. 21.
Lamps, Glare-preventing device for. F. Burbidge. 1,461,749; July 17.
Lamps, Guard for gasoline. V. A. and V. O. Nevins. 1,471,193; Oct. 16.
Lamps, heaters, and blowers, Heat-focusing device for combined electric. W. A. Brown. 1,457,873; June 5.

Lamps, Lens for vehicle. E. L. Elliott. 1,475,806; Nov. 27.
Lamps, Means for controlling the light rays of reflector. A. C. Wood. 1,476,132; Dec. 4.
Lamps, Method of and apparatus for manufacturing incandescent. H. D. Madden and J. J. Higgins. 1,461,155; July 10.
Lamps, Nonglare shade for automobile. O. C. Olney. 1,446,925; Feb. 27.
Lamps, Switch for portable. A. G. Arnoll. 1,458,460; June 12.
Lamps, Treating filaments for incandescent electric. J. H. Ramage. 1,461,140; July 10.
Lamps, Treating filaments for incandescent electric. H. H. Smith. 1,461,100; July 10.
Land, Hand tool for cultivating and scarifying. A. J. Savage. 1,471,982; Oct. 23.
Land leveler. W. H. Monroe. 1,462,120; July 17.
Land-leveling device. L. D. Hopfield. 1,444,543; Feb. 6.
Land-leveling device. L. D. Hopfield. 1,457,878; June 5.
Land packer. S. K. Dennis. 1,477,323; Dec. 11.
Land pulverizer and mulcher. G. P. Mix. 1,467,056; Sept. 4.
Land roller, Motor-driven. W. Kippenhan. 1,452,974; Apr. 24.
Landing device. H. C. F. Holz. 1,461,660; July 10.
Lantern. E. I. Blair. 1,464,743; Aug. 14.
Lantern. T. E. Dahl. Des. 62,937; Aug. 28.
Lantern. H. C. Drumm. 1,474,895; Nov. 20.
Lantern. W. T. Evans. 1,470,432; Oct. 9.
Lantern. J. W. Gosling. Des. 63,050; Sept. 25.
Lantern. A. H. Handlan. 1,477,755; Dec. 18.
Lantern. C. J. Jensen. 1,453,798; May 1.
Lantern. R. T. Toensfeldt. Des. 63,205; Oct. 30.
Lantern. F. W. Van Duyn. 1,476,117; Dec. 4.
Lantern. S. G. Warner. 1,467,346; Sept. 11.
Lantern. H. H. Wolter. Des. 63,547; Dec. 11.
Lantern and support for same. J. M. Fitzgerald. 1,448,922; Mar. 20.
Lantern bail. J. H. Molthan. 1,441,518; Jan. 9.
Lantern, Bracket. T. E. Dahl. Des. 62,887; Aug. 21.
Lantern bracket. A. J. Vallée and I. H. Scrafford. 1,472,894; Nov. 6.
Lantern cage. M. F. Bramley. 1,474,401; Nov. 20.
Lantern, Decorative. V. E. Dessart. 1,458,687; June 12.
Lantern, Electric. T. Mee, jr. 1,461,540; July 10.
Lantern, Electric. A. A. Pearson. 1,444,267; Feb. 6.
Lantern, Electric hall. F. S. Crowell. Des. 61,965; Feb. 20.
Lantern, Electric railway. P. J. Sloan. 1,464,855; Aug. 14.
Lantern, Portable electric. C. B. Burnet. 1,471,682; Oct. 23.
Lantern, Projecting. B. B. Isaacs and J. E. Marqua. 1,450,179; Apr. 3.
Lantern, Railway signal. R. B. Benjamin. 1,476,037; Dec. 4.
Lantern, Railway signal. P. J. Sloan. 1,446,133; Feb. 20.
Lantern, Signal. F. J. Rode, R. I. Frost, and J. L. Liston. 1,455,938; May 22.
Lantern, Signal. G. W. Stewart. 1,458,665; June 12.
Lantern, Signal. W. A. Welton. 1,477,923; Dec. 18.
Lantern-slide projecting apparatus. R. C. Smith. 1,453,893; May 1.
Lantern support. B. W. Nutt. 1,451,920; Apr. 17.
Lantern, Wall. G. J. Klein. Des. 63,053; Sept. 25.
Lanterns, Detachable fusee and torpedo holder for railway. A. C. Nordman. 1,471,194; Oct. 16.
Lanterns, Focusing finder for. C. O. Harrington. 1,461,418; July 10.
Lanterns, Maintaining a source of light in a desired position in. C. O. Harrington. 1,461,187; July 10.
Lanterns, Side panel for. F. E. Dahl. Des. 63,026; Sept. 18.
Lap. H. B. Carlson. 1,441,781; Jan. 9.
Lap. A. J. De Wille. 1,440,820; Jan. 2.
Lapboard for card players, Collapsible. B. W. Alpiner. 1,462,471; July 24.
Lap former, Toric-. A. E. Maynard and W. A. Gunning. 1,455,444; May 15.
Lap preventer, Split-. W. Harrop, P. Reilly, and P. F. Farrell. 1,455,884; May 22.
Lapper. L. V. Warner. 1,452,769; Apr. 24.
Lapping machine. H. A. Erickson. 1,475,990; Dec. 4.
Lapping machine. F. O. Hoagland. 1,472,835; Nov. 6.
Lapping machine. C. E. T. Schribner. 1,467,693; Sept. 11.
Lapping machine. E. A. Suverkrop. Re15,684; Sept. 11.
Lapping-machine tool. W. J. Alles and S. C. Probert. 1,472,422; Oct. 30.
Lard substitute. C. Ellis. 1,446,004; Feb. 20.
Last. S. E. Boynton. 1,447,232; Mar. 6.
Last. S. A. Eddins and W. H. Baynard. 1,444,675; Feb. 6.
Last. G. B. Fitz. 1,447,240; Mar. 6.
Last. C. H. Helmer and J. Wehrung. 1,463,814; Aug. 7.
Last. W. A. Krentler. 1,460,358; June 26.
Last. G. G. Schelter. Re15,572; Apr. 3.
Last. C. M. Searl. 1,461,051; July 10.
Last. F. J. Shanisey, sr. 1,448,042; Mar. 13.
Last. L. F. Small. 1,460,442; July 3.
Last. L. F. Small. 1,460,450; July 3.
Last and making the same. T. W. McNichol. 1,460,679; July 3.
Last, Block. G. B. Fitz. 1,475,943; Dec. 4.
Last, Combined link and hinge. W. A. Krentler. 1,459,061; June 19.
Last, Darning. C. Farmer. 1,448,797; Mar. 20.
Last for shoes and sandals. J. Thomas. 1,451,635; Apr. 10.
Last, Hinged. A. E. Goodwin. 1,445,505; Feb. 13.
Last re-forming. J. and C. H. Fitzpatrick. 1,454,160; May 8.
Last, Shoe. C. K. MacDonald. 1,468,644; Sept. 25.
Last support. J. C. Torchia. 1,452,991; Apr. 24.
Last with reenforced toe. G. B. Fitz. 1,453,317; May 1.
Lasting machine. O. Ashton. 1,472,823; Nov. 6.
Lasting machine. A. Bates. 1,469,244; Oct. 2.
Lasting machine A. Bates. 1,472,039; Oct. 30.
Lasting machine. C. F. Pym. 1,469,848; Oct. 9.
Lasting machine. T. H. Seeldy. 1,477,011. Dec. 11.
Lasting with wire. M. M. Sörensen. 1,456,288; May 22.
Lasts, Cushioned toe reenforce for. R. C. Webster. 1,461,469; July 10.
Lasts, Machine for sawing. T. W. McNichol. 1,460,678; July 3.
Latch. S. D. Butterworth. 1,463,385; July 31.
Latch. S. D. Butterworth. 1,475,169; Nov. 27.
Latch. S. D. Farmer. 1,475,692; Nov. 27.
Latch. C. A. Massoll. Re15,619; June 5.
Latch. W. L. Myers. 1,452,211; Apr. 17.
Latch. L. Ottinger. Re15,569; Apr. 3.
Latch. W. S. Witten. 1,456,169; May 22.
Latch, Adjustable. D. A. Schendel. 1,442,976; Jan. 23.
Latch, Automatic door. C. Peters. 1,453,282; May 1.
Latch, Automatic window. A. L. Bourbeau. 1,463,866; Aug. 7.
Latch, Box. J. Pinten. 1,473,869; Nov. 13.
Latch, Dead-bolt night. M. Falk. 1,446,085; Feb. 20.
Latch, Door. W. S. Hamm and J. A. Giese. 1,466,162; Aug. 28.
Latch, Door. W. S. Hamm. 1,474,028; Nov. 13.
Latch, Door. C. F. Lee. 1,465,672; Aug. 21.
Latch, Door. H. B. Lindsay. 1,448,137; Mar. 13.
Latch, Door. R. G. Moore. 1,471,523; Oct. 23.
Latch, Door. R. G. Moore. 1,473,378; Nov. 6.
Latch, Door. O. D. Willis. 1,459,701; June 19.
Latch, Door. R. G. Willis. 1,446,078; Feb. 20.
Latch, Door or gate. A. B. Chambers. 1,457,962; June 5.
Latch, Drawer. O. M. Stevens. 1,446,356; Feb. 20.
Latch, Dump-car-door. H. S. Hart. 1,472,416; Oct. 30.
Latch, Elevator-door. W. A. Williams. 1,454,095; May 8.
Latch, End-gate. J. M. Gray. 1,450,365; Apr. 3.
Latch for doors, Foot-operated. C. E. Dillistone. 1,453,308; May 1.
Latch for doors of motor vehicles. E. B. Descombes. 1,470,001; Oct. 9.
Latch for gates. J. Anderson. 1,447,705; Mar. 6.
Latch for vehicle doors. S. M. Bradley. 1,468,954; Sept. 25.
Latch for vehicle doors. R. B. Kaimer. 1,446,848; Feb. 27.
Latch, Gate. M. Ainsworth. 1,474,575; Nov. 20.
Latch, Gate. J. W. Bowers. 1,445,000; Feb. 13.
Latch, Gate. M. H. Judge. 1,450,443; Apr. 3.
Latch, Gate. W. S. Witten. 1,470,249; Oct. 9.
Latch, Gravity. C. G. Palmer. 1,469,590; Oct. 2.
Latch hood. L. Massurger and L. Marqué. 1,468,823; Sept. 25.
Latch, Hook. I. Sonnenthal. 1,468,089; Sept. 18.
Latch mechanism. R. L. Ford. 1,452,479; Apr. 17.
Latch-needle-making machine. J. A. Calder. 1,447,756; Mar. 6.
Latch, Night. W. H. Brabant. 1,447,754; Mar. 6.
Latch or bolt operating mechanism. A. S. Flowers. 1,441,336; Jan. 9.
Latch parts, Protecting device for. L. Ottinger. 1,461,044; July 10.
Lath, Plaster-board. J. Schumacher. 1,473,445; Nov. 6.
Latch, Presser-foot. H. Maimin and A. Freddy. 1,462,650; July 24.
Latch, Roller-door. P. H. Woolhether. 1,478,502; Dec. 25.
Latch, Self-adjusting door. B. A. Woina. 1,450,624; Apr. 3.
Latch spindle. H. S. Lockwood. 1,472,481; Oct. 30
Latch spring. G. E. Hitchcock. 1,441,151; Jan. 2.
Latch, Vehicle door. I. H. Gordon and C. E. Miles. 1,470,075; Oct. 9.
Latch, Vehicle door. R. V. Kaimer. 1,453,712; May 1.
Latch, Vehicle door. W. R. Wiley. 1,449,477; Mar. 27.
Latch, Wagon-dump-body. H. G. Frazier. 1,457,357; June 5.
Latch, Windshield. G. E. Grimm. 1,474,076; Nov. 13.
Lath. M. E. Roberts. 1,462,579; July 24.
Lath board. S. R. Shoup. 1,446,324; Feb. 20.
Lath board, Machine and method for manufacturing. W. D. Hicks. 1,464,360; Aug. 7.
Lath boards, Machine for making. S. M. Ford. 1,457,664; June 5.
Lath, Metal building. W. M. and H. H. Guyse. 1,444,376; Feb. 6.
Lathing. J. F. Phillips. 1,442,029; Jan. 9.
Lathing, Wire. H. B. Greening. 1,464,706; Aug. 14.
Lathe. N. F. Brasacchio. 1,477,102; Dec. 11.

Alphabetical list of inventions—Continued.

Lathe. J. Burt. 1,466,467; Aug. 28.
Lathe. N. F. Fretter. 1,463,505; July 31.
Lathe. L. E. Godfriaux. 1,446,557; Feb. 27.
Lathe. C. E. Search. 1,444,394; Feb. 6.
Lathe. A. Wormser. 1,455,558; May 15.
Lathe and taper-cutting means for the same. G. D. Sundstrand. 1,476,114; Dec. 4.
Lathe attachment. A. O. Hansen. 1,443,127; Jan. 23.
Lathe, Automatic piston-ring. C. E. Johnson. 1,471,032; Oct. 16.
Lathe, Backing-off. J. Dickescheid. 1,472,636; Oct. 30.
Lathe-boring tool. S. A. Dennard. 1,441,562; Jan. 9.
Lathe-carriage attachment. J. J. Witt. 1,460,121; June 26.
Lathe center. D. E. Howard. 1,462,409; July 17.
Lathe chuck. J. J. Thacher. 1,446,075; Feb. 20.
Lathe chuck. J. J. Thacher. Re15,643; July 3.
Lathe-controlling mechanism. H. L. Blood. 1,469,354; Oct. 2.
Lathe dog. C. H. Bassett. 1,470,346; Oct. 9.
Lathe for watchmakers, Pivot. D. K. Robinson. 1,470,544; Oct. 9.
Lathe headstock and feed mechanism with rapid traverse. W. E. Ward. 1,457,095; May 29.
Lathe, Precision. P. Langhammer. 1,469,226; Oct. 2.
Lathe, Semiautomatic. F. R. Deuring. 1,445,494; Feb. 13.
Lathe tool. M. M. Balsam. 1,466,265; Aug. 28.
Lathe tool. J. O. Heinze. 1,453,133; Apr. 24.
Lathe-tool carriage. C. F. Randolph. 1,477,186; Dec. 11.
Lathe-tool holder. P. F. Vokal. 1,458,633; June 12.
Lathe, Turret. F. W. Parsons. 1,443,965; Feb. 6.
Lathe, Valve. E. A. Stack. 1,477,194; Dec. 11.
Lathe, Vertical. W. E. Ward. 1,472,105; Oct. 30.
Lathe, Wood-drilling. F. H. McLain. 1,472,927; Nov. 6.
Lathes and the like, Chuck for. C. D. Andrew. 1,456,293; May 22.
Lathes, Attachment for. D. P. Fontana. 1,464,415; Aug. 7.
Lathes, Attachment for. M. G. Husted. 1,474,673; Nov. 20.
Lathes, Attachment for. J. C. Olsen. 1,459,514; June 19.
Lathes, Attachment for turret. W. G. Cannom. 1,449,381; Mar. 27.
Lathes, Cross-feed stop for. C. S. Pool. 1,469,108; Sept. 25.
Lathes, Cutter-head drive for last. C. L. Long. 1,451,665; Apr. 10.
Lathes, Driving dog for. A. Wood. 1,475,616; Nov. 27.
Lathes, Gauge tool for use in. E. Nyman. 1,444,080; Feb. 6.
Lathes, Milling, drilling, and grinding appliance for. L. Nicole. 1,450,447; Apr. 3.
Lathes, Movable tool holder for. W. F. Marshall. 1,476,262; Dec. 4.
Lathes or similar machines, Attachment for. R. K. Luse. 1,454,590; May 8.
Lathes, Reversing mechanism for. H. J. Kiam. 1,461,776; July 17.
Lathes, semiautomatic lathes, and the like, Driving mechanism for transverse supports or slides in revolver. F. R. Deuring. 1,463,201; July 31.
Lathes, Stop device for. L. Kramer and A. Boome. 1,467,175; Sept. 4.
Lathes, Taper attachment for. W. F. Groene. 1,442,660–1; Jan. 16.
Lathes, Tool mounting for. L. Kramer and A. Boome. 1,467,176; Sept. 4.
Lathes, Turning head for. L. M. Walker. 1,474,869; Nov. 20.
Lathes, Work-controlling attachment for. H. N. Hayford. 1,457,837; June 5.
Lathes, Work driver for. A. Boome. 1,444,724; Feb. 6.
Lathering device. A. Piccione. 1,448,674; Mar. 13.
Launder. C. Allen. 1,443,607; Jan. 30.
Laundry apparatus. H. O. Bartlett. 1,468,552; Sept. 18.
Laundry appliance. A. F. Hanney. 1,469,300; Oct. 2.
Laundry assorting and marking booths, Conveyor device for. C. W. Canine. 1,460,660; July 3.
Laundry-bag support. E. R. Knopf. 1,458,100; June 5.
Laundry drier. E. W. Roth. 1,469,962; Oct. 9.
Laundry hanger. W. Benczalski. 1,457,956; June 5.
Laundry iron. C. De Atley. 1,447,535; Mar. 6.
Laundry-identifying means. G. N. and P. W. Knott. 1,442,224; Jan. 16.
Laundry-marking pin. G. R. Upham. 1,477,301; Dec. 11.
Laundry recorder. H. T. Whaler and W. A. Bryant. 1,462,952; July 24.
Laundry-sorting appliance. A. F. Hanney. 1,459,205; June 19.
Laundry stand. H. A. Bowers. 1,444,725; Feb. 6.
Laundry stand. J. S. Fiala. 1,477,253; Dec. 11.
Laundry tag. M. G. Rosenthal. 1,471,284; Oct. 16.
Laundry tub. C. W. Witt. 1,474,872; Nov. 20.
Laundry trays, Soap-dish attachment for. E. R. Buhtz. 1,461,263; July 10.
Lavatory. L. Schlesinger. 1,476,471; Dec. 4.
Lavatory. L. Schlesinger. 1,477,189; Dec. 11.
Lavatory combination fixture, Adjustable. P. Mueller and A. C. Schuermann. 1,447,808; Mar. 6.
Lavatory, Portable. H. L. Wilkens. 1,450,474; Apr. 3.
Lavatory, Self-cleaning. W. T. Guth. 1,468,565; Sept. 18.
Lavatory waste. E. G. Watrous. 1,474,986; Nov. 20.
Lawn and garden sprinkling apparatus. A. K. Brauer. 1,459,012; June 19.
Lawn-cleaning machine. W. J. Todd. 1,471,929; Oct. 23.
Lawn-edge trimmer. J. Lees. 1,454,018; May 1.
Lawn-edging implement. J. E. Miller. 1,447,805; Mar. 6.
Lawn-mower cutter. C. B. English, jr. 1,441,073; Jan. 2.
Lawn or hedge trimmer. H. C. Maple. 1,441,014; Jan. 2.
Lawn sprinkler. L. D. Barney. 1,462,256; July 17.
Lawn trimmer. J. W. Crowder. 1,472,587; Oct. 30.
Lawn trimmer. T. W. Martin. 1,460,261; June 26.
Leaches, Heating apparatus for. W. H. Johns. 1,459,629; June 19.
Leaching and apparatus therefor. J. A. Baker. 1,447,637; Mar. 6.
Lead block. D. Lawson. 1,458,231; June 12.
Lead-joint runner. R. L. Staunton. 1,469,027; Sept. 25.
Lead, Manufacture of white. C. P. Tolman. 1,447,740; Mar. 6.
Lead-measuring machine for gauges. R. Hill. 1,470,836; Oct. 16.
Lead molding used in galvanoplasty. E. Boudreaux. 1,458,570; June 12.
Lead ring. F. Lux. 1,466,134; Aug. 28.
Lead, Treating white. E. A. Sperry. 1,452,620; Apr. 24.
Leaf device, Loose-. J. Kahn. 1,444,612; Feb. 6.
Leaf spring. E. J. Harvey. 1,472,754; Oct. 30.
Leaf spring. E. L. Kunz and H. Darche. 1,446,908; Feb. 27.
Leaf spring and spring suspension. R. S. Carter. 1,475,170; Nov. 27.
Leaf-spring-lubricating device. F. G. Hirst. 1,447,177; Mar. 6.
Leaf springs, Means for lubricating. C. J. Coleman. 1,465,778; Aug. 21.
Leaf table, Extensible-. F. Schimmel. 1,473,323; Nov. 6.
Leaf turner. D. Hoecke. 1,451,614; Apr. 10.
Leaf upsetting and supporting device. C. R. Fargo. 1,453,664; May 1.
Leak detector, Automatic. B. C. McClure. 1,478,445; Dec. 25.
Leaks, Device for preventing. C. Pollak. 1,463,749; July 31.
Leaks in blast-furnace-cooling appliances, Apparatus for detecting. J. S. Crowther, jr. 1,474,071; Nov. 13.
Leather. L. M. Musliner. Des. 62,493; June 12.
Leather. E. A. Woelfel. Des. 61,989; Feb. 20.
Leather and the like, Adjustable clamp for the edges of. J. M. Schwartz. 1,472,618; Oct. 30.
Leather and the like, Clamp for stretching. J. M. Schwartz. 1,472,617; Oct. 30.
Leather beveling and splitting machine. F. W. Simon. 1,472,094; Oct. 30.
Leather-boarding machine. D. E. Harding. 1,466,283; Aug. 28.
Leather, Composition for use in finishing dry-cleaned. V. O. Olsen. 1,453,723; May 1.
Leather cutter. T. M. Dillinger. 1,463,312; July 31.
Leather-cutting machine. C. A. Sawyer, jr. 1,458,550; June 12.
Leather drier. W. M. Schwartz and E. B. Ayres. 1,454,694; May 8.
Leather, Embossed. A. Schocket. Des. 61,987; Feb. 20.
Leather-finishing machine. C. W. Pierce. 1,458,846; June 12.
Leather-finishing machine. G. L. Wilks. 1,450,933; Apr. 10.
Leather-finishing machines, Skin stop for. F. F. Slocomb. 1,464,885; Aug. 14.
Leather folding machine. J. W. Anthony. 1,477,745; Dec. 18.
Leather from intestines, Manufacturing. E. Markus. 1,444,548; Feb. 6.
Leather goods, Sewing implement for. S. Cortese. 1,468,698; Sept. 25.
Leather-grader marker. L. A. Cogswell. 1,477,633; Dec. 18.
Leather-grading machine. D. Parks. 1,472,989; Nov. 6.
Leather, Machine for spraying. J. D. Chapman. 1,456,783; May 29.
Leather, Making artificial. R. B. Respess. Re15,602; May 15.
Leather, Making artificial. R. B. Respess. 1,465,092; Aug. 14.
Leather, Method of and apparatus for finishing. A. A. Angell. 1,463,542; July 31.
Leather or similar article of manufacture. F. A. Kolb. Des. 62,046; Mar. 6.
Leather or similar material, Decorating. F. A. Kolb. 1,470,535; Oct. 9.
Leather, skin, hide, imitation leather, or article of similar nature. P. F. Baynton. Des. 62,876; Aug. 21.
Leather-skiving machine. G. E. Brittain. 1,446,033; Feb. 20.
Leather-stitching machine. C. F. Miller. 1,470,997; Oct. 16.
Leather, wall paper, or similar article of manufacture. H. G. Wurm. Des. 61,795; Jan. 9.
Leathers-forming machine, Cup-. A. Erikson. 1,446,966; Feb. 27.
Lecithin from vegetable raw materials, Obtaining. H. Bollmann. 1,464,557; Aug. 14.

Lectures or songs, Delivering illustrated. A. F. Victor. 1,478,806; Dec. 25.
Ledger cabinet. R. W. MacDonald. 1,443,325; Jan. 23.
Ledger, Front-office hotel. L. G. Moore and G. J. Sharshing. 1,448,974; Mar. 20.
Ledger, Loose-leaf. J. Schade. 1,442,829; Jan. 23.
Ledger, Separable loose-leaf. J. Schade. 1,458,364; June 12.
Ledger sheet. J. A. B. Smith. 1,455,740; May 15.
Ledger sheet. E. Thomas. 1,458,253; June 12.
Ledger sheets, Transferable signature slip for. G. D. Miller. 1,444,698; Feb. 6.
Ledgers, Fastening tubular posts to loose-leaf. J. Schade. 1,447,520; Mar. 6.
Ledgers, Locking tube for loose-leaf. H. A. Tullis. 1,471,759; Oct. 23.
Leer. G. W. Batchell. 1,473,897; Nov. 13.
Leer. L. Steelman. Re15,603; May 15.
Leer feeder. B. H. Purcell. 1,454,520; May 8.
Leg, Artificial. W. I. Burns. 1,440,816; Jan. 2.
Leg, Artificial. W. E. Morrison and K. Korpelainen. 1,459,235; June 19.
Leg, Artificial. C. B. Winn. 1,447,230; Mar. 6.
Leg rest. C. A. Washburn. 1,478,777; Dec. 25.
Legged article. B. W. Starkweather. 1,444,569; Feb. 6.
Legging. E. C. Keyes. 1,455,400; May 15.
Legging. P. M. Pruet. 1,457,601; June 5.
Legging. F. E. Toniutti. 1,469,286; Oct. 2.
Legging. C. Tweedie. Des. 63,597; Dec. 18.
Lemon and lime squeezer. J. D. Williams, J. R. Bolton, and F. L. Struve. 1,457,478; June 5.
Lemon squeezer. W. E. Gray. 1,452,270; Apr. 17.
Lemon squeezer. P. Juergensen. 1,469,514; Oct. 2.
Lens. J. W. Davison. 1,469,931; Oct. 9.
Lens. H. W. Hill. 1,449,941; Mar. 27.
Lens. M. A. Laabs. 1,459,373; June 19.
Lens. A. Pellow. 1,471,351; Oct. 23.
Lens. F. Piaszek. Des. 62,803; July 31.
Lens. W. E. C. Stone. 1,441,252; Jan. 9.
Lens. H. H. Styll. 1,473,360; Nov. 6.
Lens-adjusting means. A. J. Holman. 1,453,462; May 1.
Lens and blank therefor and marking it for purpose of identification. T. B. Drescher. 1,475,473; Nov. 27.
Lens, Bifocal. L. Arntz. 1,445,063; Feb. 13.
Lens, Bifocal. H. Fennell. 1,441,565; Jan. 9.
Lens, Bifocal eyeglass. W. F. Fisher. 1,457,355; June 5.
Lens blanks, Apparatus for the manufacture of bifocal. J. R. Powell. 1,451,957; Apr. 17.
Lens blanks on blank holders, Device for positioning. T. B. Drescher. 1,472,748; Oct. 30.
Lens block. H. W. Hill. 1,455,438; May 15.
Lens-blocking mechanism. G. A. and H. Clement. 1,467,307; Sept. 11.
Lens, Condensing. M. E. Tromba. 1,470,512; Oct. 9.
Lens-drilling machine. E. W. Clarke. 1,447,761; Mar. 6.
Lens, Duplex. A. W. Pougher. 1,457,393; June 5.
Lens-edging machine. L. W. Bugbee. 1,455,863; May 22.
Lens-edging machine. R. Schumann. 1,474,171; Nov. 13.
Lens, Eyeglass. F. G. Murphy. Des. 63,193; Oct. 30.
Lens-focusing device. J. D. Elms. 1,447,173; Mar. 6.
Lens grinder. A. Pellow. 1,461,094; July 10.
Lens-grinder attachment. J. J. Kovacs. 1,452,917; Apr. 24.
Lens-grinding apparatus. H. W. Hill. 1,467,160; Sept. 4.
Lens grinding, Lens holder for use in. H. W. Hill. 1,447,983; Mar. 13.
Lens-grinding machine. H. W. Hill. 1,441,805; Jan. 9.
Lens-grinding machine. H. W. Hill. 1,454,221; May 8.
Lens-grinding machinery. H. K. Parsons. 1,448,699; Mar. 13.
Lens-grooving machine. G. Kirkegaard. 1,469,926; Oct. 9.
Lens holder. A. A. Arnold. 1,461,078; July 10.
Lens holder. H. W. Hill. 1,455,439; May 15.
Lens holder for edging machines. A. E. Maynard. 1,448,695; Mar. 13.
Lens-holding device for face shields. G. A. Peterson. 1,472,134; Oct. 30.
Lens-lapping-tool grinder. O. A. Schuessler. 1,448,239; Mar. 13.
Lens-marking device. E. D. Tillyer and J. F. Wixted. 1,461,074; July 10.
Lens mounting. P. L. Bradley. 1,460,334; June 26.
Lens mounting. J. R. Van Tassel. 1,453,814; May 1.
Lens-mounting machine. R. M. Wason. 1,473,367; Nov. 6.
Lens objective, Four-. F. Urban. 1,474,743; Nov. 20.
Lens, Ophthalmic. E. D. Tillyer and H. K. Parsons. 1,471,368; Oct. 23.
Lens, Optical. W. W. Brilhart. 1,448,052; Mar. 13.
Lens, Photographic. L. Bell and W. G. Wolfe. 1,446,634; Feb. 27.
Lens-protecting composition. E. D. Tillyer. 1,459,380; June 19.
Lens-rim removing and replacing device. A. B. Seppmann. 1,477,719; Dec. 18.
Lens ring. E. R. Barany. 1,447,405; Mar. 6.
Lens shade. R. L. Stinchfield. 1,450,522; Apr. 3.
Lens, Test. E. D. Tillyer. 1,474,803; Nov. 20.
Lens-testing instrument. W. C. Schlitzer. 1,475,515; Nov. 27.
Lens-tool-grinding machine. J. S. Galeski. 1,475,626; Nov. 27.
Lens, Trial. E. D. Tillyer. 1,455,457; May 15.
Lens, Unbreakable. P. Johnson and G. A. Gray. 1,470,448; Oct. 9.
Lenses and the like, Machinery for beveling the edges of glass. S. Richardson. 1,457,855; June 5.
Lenses for eyeglasses and the like, Holding, adjusting, and aligning apparatus for. K. W. Pollard. 1,454,688; May 8.
Lenses, Grinding one-piece bifocal. G. A. and H. Clement. 1,467,308; Sept. 11.
Lenses, Machine for grinding the edges of. E. W. Clarke. 1,449,266; Mar. 20.
Lenses, Making bifocal. L. W. Bugbee. 1,451,490; Apr. 10.
Lenses, Making bifocal. H. Fennell. 1,441,566; Jan. 9.
Lenses, Making two-part. H. R. Moulton and E. D. Tillyer. 1,449,343; Mar. 20.
Lenses, Manufacture of. M. Takanashi. 1,466,973; Sept. 4.
Lenses, Spacing member used in forming bifocal. M. A. Laabs. 1,470,988; Oct. 16.
Let-off mechanism. J. Northrop. 1,448,081; Mar. 13.
Let-off mechanism. J. Northrop. 1,463,966; Aug. 7.
Letter box. J. A. Johnson. 1,442,344; Jan. 16.
Letter box. R. E. Landrum. 1,442,578; Jan. 16.
Letter box. A. S. Macdonald. Des. 63,261; Nov. 13.
Letter box. D. H. Shea-Lawlor. 1,447,822; Mar. 6.
Letter box. R. Schrock. 1,471,364; Oct. 23.
Letter box and changeable sign, Combined. W. W. Christian and A. G. Maxey. 1,454,882; May 15.
Letter file, Portable. E. M. Stephenson. 1,474,948; Nov. 20.
Letter sheet. M. G. Major. Re15,567; Mar. 27.
Letter sign and the like, Loose-. T. N. Evens. 1,452,074; Apr. 17.
Letters, documents, or other sheets or papers, File or binder for. L. Liddell. 1,476,088; Dec. 4.
Letters, Producing simulated longhand-written. A. E. Chappell. 1,463,939; Aug. 7.
Lettering appliance. W. J. Lilly. 1,478,524; Dec 25.
Level. J. R. Crisp. 1,464,467; Aug. 7.
Level. W. M. Dickinson. 1,463,738; July 31.
Level. A. C. Elliott. 1,468,688; Sept. 25.
Level A. Morris. 1,448,031; Mar. 13.
Level. J. T. Reed. 1,442,000; Jan. 9.
Level. H. Tangee. 1,462,054; July 17.
Level and plumb. D. W. L. Frank. 1,456,431; May 22.
Level and rule, Cross-test. C. Herrman. 1,441,350; Jan. 9.
Level attachment. L. W. Tiffany. 1,445,570; Feb. 13.
Level attachment. L. W. Tiffany. 1,460,989; July 3.
Level clamp. S. Condon. 1,465,543; Aug. 21.
Level, Gravity. P. W. Grossman. 1,449,669; Mar. 27.
Level-indicating arrangement. R. Heinold. 1,467,853; Sept. 11.
Level indicator, Liquid-. G. F. Steede. 1,446,944; Feb. 27.
Level, Pocket. E. G. D. Harmsen. 1,447,077–8; Feb. 27.
Level rod, Self-computing. E. P. Effertz. 1,450,360; Apr. 3.
Level, Spirit. F. W. Fouse. 1,462,231; July 17.
Level, Spirit. P. H. Vogel. 1,462,430; July 17.
Level, Spirit. J. Von Serkey. 1,459,381; June 19.
Level, Spirit. W. E. Winner and C. C. Patterson. 1,453,888; May 1.
Level, Track. C. M. Long. 1,464,285; Aug. 7.
Level-wind antibacklash reel. W. Schmid. 1,456,283; May 22.
Leveler and scraper, Land. W. P. Matthews. 1,449,528; Mar. 27.
Leveler, Land. H. Barthuli. 1,441,621; Jan. 9.
Leveling device. J. E. Long. 1,463,515; July 31.
Leveling machine, Automatic. L. W. Eversman. 1,469,502; Oct. 2.
Leveling rod. C. A. McMorris. 1,445,526; Feb. 13.
Lever. W. L. Paul. 1,463,333; July 31.
Lever adjustment. A. Klee, jr. 1,466,839; Sept. 4.
Lever and locking device. C. E. Youngberg. 1,442,592; Jan. 16.
Lever attachment. F. A. Hendrickson. 1,465,846; Aug. 21.
Lever, Clutch-clamping. C. G. Wood. 1,465,704; Aug. 21.
Lever, Clutch-operating. F. F. Ludwig. 1,443,488; Jan. 30.
Lever, Clutch-release. J. B. Howell. 1,454,891; May 15.
Lever, Control. J. W. Lorimer. 1,471,272; Oct. 16.
Lever controls, Antirattler for. R. J. Loock. 1,477,138; Dec. 11.
Lever, Dobby. E. R. Holmes. 1,451,828; Apr. 17.
Lever, Extension. W. F. B. Pratt. 1,450,113; Mar. 27.
Lever, Foot. J. J. Reinbold. 1,452,759; Apr. 24.
Lever, Gear-shift. P. F. Rice. 1,461,457; July 10.
Lever grip. L. Schneider. 1,442,830; Jan. 23.
Lever handle guard, Brake-. J. Besch. 1,455,563; May 15.
Lever link. W. R. Curtis. 1,446,884; Feb. 27.
Lever lock. A. C. Bryan. 1,469,406; Oct. 2.
Lever lock. D. M. Hinrichs and A. T. Miles. 1,443,262; Jan. 23.
Lever mechanism. N. Ayers. 1,455,421; May 15.
Lever slot closure. P. J. McCloskey. 1,457,082; May 29.
Lever slot closure, Brake-. F. E. Miller. 1,458,839; June 12.

Lever, Stamped metal. O. Konigslow. 1,449,611; Mar. 27.
Lever, Stop. F. E. Ferris. 1,472,000; Oct. 23.
Lever, Stop. V. R. Heftler. 1,465,668; Aug. 21.
Lever with automatically variable ratio of transmission, Hand or pedal. W. Ochs. 1,455,447; May 15.
Levers, Attachment for throttle. F. E. Caralun. 1,448,332; Mar. 13.
Levers, Lock for. A. G. Jones. 1,444,379; Feb. 6.
Levers, Permutation locking mechanism for gear-shifting. J. Pfeifer. 1,452,652; Apr. 24.
Levers, Take-up for. J. S. Reynolds. 1,467,012; Sept. 4.
License-card holder. J. J. and L. L. Newman. 1,475,025; Nov. 20.
License-holder and illuminator, Combined. T. A. McCreanor. 1,465,084; Aug. 14.
License plate. J. W. Baxter. 1,476,580; Dec. 4.
License plate. C. C. Doty and C. W. Coffey. 1,451,765; Apr. 17.
License plate. D. McRuer and J. E. Sellers. 1,451,621; Apr. 10.
License-plate holder. W. A. Carpentsy. 1,478,423; Dec. 25.
License-plate holder. F. C. Hill. 1,468,153; Sept. 18.
License-plate holder, Adjustable. W. V. Pumphrey. 1,453,727; May 1.
License-plate holder and illuminator. C. D. Breitzke. 1,464,969; Aug. 14.
License-plate holder, tail light, and parking light. J. Benjamin. 1,457,206; May 29.
License-plate support, Adjustable. L. Krajeski. 1,464,283; Aug. 7.
License-plate, tail-light, and signal-light bracket, Combined. R. Shields. 1,453,770; May 1.
License plates, Frame for supporting vehicle. C. Latta. 1,465,944; Aug. 28.
License-tag and stop signal means, Combined. P. M. Schibrowski and W. H. Diemer. 1,441,636; Jan. 9.
License-tag holder. J. A. Johnson. 1,468,449; Sept. 18.
License-tag holder, Illuminated. H. F. Wittig. 1,445,121; Feb. 13.
Lid brace. L. Grauman. 1,455,876; May 22.
Lid lifter. F. G. Treubig. 1,456,157; May 22.
Lid-operating mechanism. A. Roggi. 1,460,178; June 26.
Lid support. D. Di Carlo. 1,468,460; Sept. 18.
Lid support. D. M. Watson. 1,477,613; Dec. 18.
Lifeboat. M. and Y. W. Chambers. 1,449,731; Mar. 27.
Lifeboat. N. F. Jayne. 1,470,983; Oct. 16.
Lifeboat apparatus. F. A. Graham. 1,458,880; June 12.
Lifeboat release. S. E. Allbin. 1,475,617; Nov. 27.
Lifeboats and other similar craft, Releasing device for. R. C. Edwards. 1,471,552; Oct. 23.
Lifeboats, Device for securing and releasing. H. W. Broady. 1,473,274; Nov. 6.
Lifeboats from vessels, Safety arrangement for launching. P. W. Sieurin. 1,468,038; Sept. 18.
Lifeboats, Lowering and raising drum for. S. E. Allbin. 1,477,529; Dec. 18.
Lifeboats, Stowage and launching of ships'. J. Graham. 1,465,639; Aug. 21.
Lifeboats with partially-collapsible sides, Construction of open. G. Rinesi. 1,468,327; Sept. 18.
Life buoy. G. Haack. 1,460,483; July 3.
Life guard. C. E. Anderson and L. Feldman. 1,445,655; Feb. 20.
Life preserver. T. Aoki. 1,458,019; June 5.
Life preserver. J. Catanzaro. 1,470,908; Oct. 16.
Life preserver. A. D. Elias. 1,468,464; Sept. 18.
Life preserver. L. J. O'Shaughnessy. 1,478,351; Dec. 18.
Life-saving and sporting device. O. F. Campbell. 1,477,627; Dec. 18.
Life-saving apparatus. F. W. Atwell. 1,476,387; Dec. 4.
Life-saving belt and the like. H. Marks. 1,446,099; Feb. 20.
Life-saving device. N. T. Fogg. 1,443,121; Jan. 23.
Life-saving device. E. T. Halter. 1,458,822; June 12.
Life-saving device. S. A. Pascales. 1,472,084; Oct. 30.
Life-saving garment. O. F. Bunn. 1,452,411; Apr. 17.
Lift, Inspection. C. L. Huston. 1,454,677; May 8.
Lift, Man. C. H. Miller. 1,443,823; Jan. 30.
Lifter: *See*—

Ash-pan lifter.	Package lifter.
Automobile lifter.	Pan lifter.
Beet lifter.	Pile lifter.
Cake lifter.	Pin lifter.
Can lifter.	Pipe lifter.
Core lifter.	Record lifter.
Cornstalk lifter.	Stove lifter.
Cream lifter.	Stove-lid lifter.
Detachable lifter.	Valve lifter.
Egg lifter.	Valve-spring lifter.
Jar lifter.	Wagon-box lifter.
Lid lifter.	Well-pipe lifter.
Milk bottle cap lifter.	

Lifter. T. Frey. 1,460,320; June 26.
Lifting apparatus. F. E. Shepherd. 1,459,556; June 19.
Lifting apparatus. A. E. Starik. 1,457,009; May 29.
Lifting device. J. Burkley. 1,461,694; July 10.
Lifting device. F. G. Cline. 1,459,655; June 19.
Lifting device. P. Fahsbender. 1,457,657; June 5.
Lifting device. S. Gasparaitis. 1,465,429; Aug. 21.
Lifting device. E. J. Hill. 1,455,727; May 15.
Lifting device. N. W. Kyle. 1,451,549; Apr. 10.
Lifting device. W. Smith. 1,442,107; Jan. 16.
Lifting device. F. J. Tebbs. 1,468,931; Sept. 25.
Lifting device. M. Weittenhiller and G. Edge. 1,449,024; Mar. 20.
Lifting jack. E. E. Arnold. 1,465,570; Aug. 21.
Lifting jack. T. M. Avery. 1,441,961; Jan. 9.
Lifting jack. E. C. Bates. 1,446,112; Feb. 20.
Lifting jack. E. C. Bates. 1,458,676; June 12.
Lifting jack. H. H. Burns. 1,458,324; June 12.
Lifting jack. W. C. Farnum. 1,478,111; Dec. 18.
Lifting jack. F. A. Fraser. 1,466,794; Sept. 4.
Lifting jack. D. F. Hilton. 1,458,530; June 12.
Lifting jack. J. Kaupert. 1,460,851; July 3.
Lifting jack. O. B. Kiracofe. 1,455,622; May 15.
Lifting jack. W. J. Melchior. 1,465,278; Aug. 21.
Lifting jack. J. A. Morrison. 1,476,096; Dec. 4.
Lifting jack. N. G. Perry and C. E. Hulting. 1,475,864; Nov. 27.
Lifting jack. C. S. Pillsbury and L. S. Sims. 1,456,827; May 29.
Lifting jack. M. D. Riker. 1,468,034; Sept. 18.
Lifting jack. C. W. Ripsch, J. C. Dawley, and C. D. Derby. 1,443,593; Jan. 30.
Lifting jack. W. Rosenberg and J. Moss. 1,443,326; Jan. 23.
Lifting jack. A. L. Stanford. 1,463,635; July 31.
Lifting jack and hauler. C. E. Clews and A. W. Beere. 1,452,236; Apr. 17.
Lifting jack for motor vehicles. A. L. Holton. 1,461,353; July 10.
Lifting jack, Hydraulic. J. Erhardt. 1,453,043; Apr. 24.
Lifting jacks, Wheeling attachment for. K. Eck. 1,461,820; July 17.
Lifts and the like, Gripping device for. P. Schönfeld. 1,462,382; July 17.
Light: *See*—

Aisle light.	Flash light.
Automobile license-tag light.	Parking light.
	Pavement light.
Automobile light.	Port light.
Automobile signal light.	Recording light.
Display light.	Tail light.
Driving light.	Train light.
Electric light.	Vault light.
Exit light.	Vehicle light.

Light and direction indicator, Combustion tail. A. E. Tinker. 1,457,473; June 5.
Light and firearm, Combined. S. P. Cottrell. 1,461,600; July 10.
Light and horn switch, Combined. F. T. Cope. 1,471,778; Oct. 23.
Light and license-plate carrier, Combined rear. H. B. Turner. 1,467,404; Sept. 11.
Light and sign, House. W. H. Galvin. 1,448,206; Mar. 13.
Light and signal device, Combined. J. Johnston. 1,475,343; Nov. 27.
Light and signaling device, Combination tail. D. A. Krick. 1,462,969; July 24.
Light and stop signal, Tail. S. J. Thomas. 1,474,740; Nov. 20.
Light and tail lamp, Combined stop. H. A. Rippner. 1,477,285; Dec. 11.
Light bracket, Electric. C. B. Rogers. Des. 63,004; Sept. 4.
Light by ophthalmic glass and the like, Apparatus for demonstrating or testing the transmission of. C. S. Pyser. 1,464,999; Aug. 14.
Light-cleaning apparatus. J. A. H. Bell. 1,455,773; Mar. 22.
Light-controlling means. L. de Forest. 1,446,247; Feb. 20.
Light copies, Apparatus for preparing and multiplying. E. G. Brack. 1,466,696; Sept. 4.
Light distributors and manufacturing the same uniformly in quantities, Making. S. F. Arbuckle. 1,460,835; July 3.
Light fixture. E. A. Anderson. Des. 62,542; June 19.
Light fixture. H. Christensen and E. L. Brunswick. Des. 62,134; Mar. 27.
Light gauge. C. L. Drew. 1,460,055; June 26.
Light machines, Driving mechanism for. M. McCann. 1,443,793; Jan. 30.
Light, Method and apparatus for producing cool. J. Lyons. 1,462,348; July 17.
Light, number plate, and plate holder, Combination front and rear. W. N. Daly. 1,442,863; Jan. 23.
Light-operated controller. E. H. Medén. 1,466,885; Sept. 4.
Light products, Method of and apparatus for collecting. W. H. Davis. 1,478,205; Dec. 18.
Light-projecting apparatus. D. J. McCarthy. 1,463,623; July 31.
Light-projecting apparatus. J. Ritter. 1,460,501; July 3.
Light projection. D. F. Comstock. 1,443,731; Jan. 30.
Light projection. J. M. Fitz Gerald. 1,465,468; Aug. 21.
Light reflector. C. M. Cole. 1,463,546; July 31.
Light reflector. C. E. Kistner. 1,459,372; June 19.
Light reflector. W. R. McAnally. 1,450,376; Apr. 3.
Light reflector. C. W. Weber. Des. 62,926; Aug. 21.
Light shield and reflecting device. S. B. Franklin and G. S. Younkin. 1,451,017; Apr. 10.
Light signal. W. B. Wells. 1,453,535; May 1.

Light signals, Indication means for. L. F. Howard. 1,450,548–9; Apr. 3.
Light stand. H. Christensen and E. L. Brunswick. Des. 62,135; Mar. 27.
Light support. T. G. Berman. 1,454,147; May 8.
Light support, garment and hat rack, Combined. J. Batson. Des. 63,550; Dec. 18.
Lighter, Automatic. F. Bisson. 1,467,603; Sept. 11.
Lighting and apparatus therefor, System of street. C. G. Beckwith and W. E. Davis. 1,466,110; Aug. 28.
Lighting and power fixture. A. T. Sampson. 1,478,066; Dec. 18.
Lighting apparatus. E. A. Hawthorne. 1,450,079; Mar. 27.
Lighting, Art and apparatus for. W. T. Tabb. 1,470,777; Oct. 16.
Lighting device, Colored. I. C. Wood. 1,440,518; Jan. 2.
Lighting device, Gas-. R. Boone. 1,453,906; May 1.
Lighting device, Lantern-. L. C. Johnson. 1,447,857; Mar. 6.
Lighting device, Squib-. A. Krasilnikoff. 1,477,129; Dec. 11.
Lighting effects, Device for demonstrating. W. H. Leffingwell. 1,471,615; Oct. 23.
Lighting fixture. A. Aarons. Des. 62,660; July 17.
Lighting fixture. H. C. Adam. 1,455,375; May 15.
Lighting fixture. H. C. Adam. Des. 62,666; July 17
Lighting fixture. G. R. Ainsworth. 1,447,500; Mar. 6.
Lighting fixture. R. S. Aspinwall. Des. 62,561; June 26.
Lighting fixture. M. B. Bowen. Des. 63,356; Nov. 27.
Lighting fixture. W. E. Cochran. 1,453,443; May 1.
Lighting fixture. R. J. Cole. Des. 62,360; May 15.
Lighting fixture. F. S. Crowell. Des. 61,903–4; Feb. 6.
Lighting fixture. D. Crownfield. 1,447,238; Mar. 6.
Lighting fixture. L. A. Crumley. Des. 63,633; Dec. 25.
Lighting fixture. A. D. Curtis. 1,472,050; Oct. 30.
Lighting fixture. T. E. Dahl. Des. 62,565; June 26.
Lighting fixture. C. C. Dose. 1,470,964; Oct. 16.
Lighting fixture. J. Doyle. 1,442,470; Jan. 16.
Lighting fixture. C. J. Drees. 1,478,870; Dec. 25.
Lighting fixture. P. C. Egan. 1,474,958; Nov. 20.
Lighting fixture. E. F. Guth. 1,440,733; Jan. 2.
Lighting fixture. E. F. Guth. 1,453,349; May 1.
Lighting fixture. E. F. Guth. 1,457,061; May 29.
Lighting fixture. W. R. Kahns and K. Keller. 1,443,748; Jan. 30.
Lighting fixture. B. F. Klein. 1,477,366; Dec. 11.
Lighting fixture. G. Ludwig. Des. 63,568; Dec. 18.
Lighting fixture. W. J. Meixner. Des. 63,570–5; Dec. 18.
Lighting fixture. P. Mohrmann. Des. 62,789; July 31.
Lighting fixture. P. Mohrmann. Des. 63,263; Nov. 13.
Lighting fixture. E. H. Peck. Des. 62,916; Aug. 21.
Lighting fixture. R. C. Pfleager. Des. 62,582–8; June 26.
Lighting fixture. R. C. Pfleager. Des. 62,642–5; July 10.
Lighting fixture. R. C. Pfleager. Des. 62,743; July 24.
Lighting fixture. W. H. Spencer. Des. 63,592; Dec. 18.
Lighting fixture. H. O. Tomlinson. Des. 62,073; Mar. 13.
Lighting fixture. A. Ullman. Des. 62,752; July 24.
Lighting fixture. G. E. Villaret. Des. 62,348; May 8.
Lighting fixture. E. A. Wangersheim. Des. 63,158–62; Oct. 23.
Lighting fixture. P. S. Warman. Des. 63,523; Dec. 11.
Lighting fixture P. S. Warman. Des. 63,525; Dec. 11.
Lighting fixture. P. S. Warman. Des. 63,527–8; Dec. 11.
Lighting fixture. P. S. Warman. Des. 63,532–42; Dec. 11.
Lighting fixture. J. Williamson. Des. 62,512; June 12.
Lighting fixture. J. Williamson. Des. 62,514; June 12.
Lighting fixture. J. Williamson. Des. 62,765; July 24.
Lighting fixture. F. Yokel. Des. 63,249; Nov. 6.
Lighting fixture and producing same. E. F. Oliver. 1,450,923; Apr. 10.
Lighting-fixture arm. G. Ainsworth. Des. 63,602; Dec. 25.
Lighting-fixture arm. F. S. Crowell. Des. 61,897; Feb. 6.
Lighting-fixture arm. F. S. Crowell. Des. 61,968–9; Feb. 20.
Lighting-fixture arm. F. S. Crowell. Des. 61,971; Feb. 20.
Lighting-fixture arm. F. S. Crowell. Des. 62,184; Apr. 3.
Lighting-fixture arm. F. S. Crowell. Des. 62,695; July 24.
Lighting-fixture arm. W. J. Grady. Des. 62,773; July 31.
Lighting-fixture arm. H. M. Kofsky. Des. 62,781; July 31.
Lighting-fixture arm. H. M. Kofsky. Des. 63,037; Sept. 18.
Lighting-fixture arm. N. Lipsky. Des. 62,639; July 10.
Lighting-fixture arm. N. Lipsky. Des. 63,403; Dec. 4.
Lighting-fixture arm. G. L. Ludwig. Des. 62,027; Mar. 6.
Lighting-fixture arm. G. E. McFadden. Des. 62,843; Aug. 7.
Lighting-fixture arm. A. Miller. Des. 61,807–8; Jan. 16.
Lighting-fixture arm. A. Miller. Des. 62,788; July 31.
Lighting-fixture arm. A. Miller. Des. 63,191; Oct. 30.
Lighting-fixture arm. M. F. Rosacker. Des. 62,646; July 10.
Lighting-fixture arm. I. Rosenblatt. Des. 63,658; Dec. 25.
Lighting-fixture arm. H. Tepfer. Des. 62,872–3; Aug. 14.
Lighting-fixture arm. A. Ullman. Des. 63,245; Nov. 6.
Lighting-fixture arm. G. E. Villaret. Des. 62,754; July 24.
Lighting-fixture arm. G. E. Villaret. Des. 62,759–62; July 24.
Lighting-fixture band. T. E. Dahl. Des. 62,709; July 24.
Lighting-fixture band. N. Lipsky. Des. 62,637; July 10.
Lighting-fixture base. F. S. Crowell. Des. 61,841–7; Jan. 30.
Lighting-fixture base. F. S. Crowell. Des. 61,852–3; Jan. 30.
Lighting-fixture base. T. E. Dahl. Des. 61,800; Jan. 16.
Lighting-fixture base. T. E. Dahl. Des. 62,142; Mar. 27.
Lighting-fixture base. T. E. Dahl. Des. 62,886; Aug. 21.
Lighting-fixture body. N. Lipsky. Des. 62,638; July 10.
Lighting-fixture bowl. L. B. London. Des. 62,207; Apr. 10.
Lighting-fixture brace. F. S. Crowell. Des. 61,896; Feb. 6.
Lighting-fixture brace. F. S. Crowell. Des. 61,966–7; Feb. 20.
Lighting-fixture brace. F. S. Crowell. Des. 61,970; Feb. 20.
Lighting-fixture brace. F. S. Crowell. Des. 62,319. May 8.
Lighting-fixture bracket. F. S. Crowell. Des. 61,973; Feb. 20.
Lighting-fixture bracket. F. S. Crowell. Des. 62,692; July 24.
Lighting-fixture bracket. F. S. Crowell. Des. 63,049; Sept. 25.
Lighting-fixture bracket. F. S. Crowell. Des. 63,615; Dec. 25.
Lighting-fixture bracket. F. S. Crowell. Des. 63,619–22; Dec. 25.
Lighting-fixture bracket. F. S. Crowell. Des. 63,632; Dec. 25.
Lighting-fixture bracket. W. B. Goddard. Des. 61,929; Feb. 13.
Lighting-fixture bracket. N. Lipsky. Des. 63,404; Dec. 4.
Lighting-fixture bracket. P. S. Warman. Des. 63,521–2; Dec. 11.
Lighting-fixture bracket. P. S. Warman. Des. 63,524; Dec. 11.
Lighting-fixture bracket. P. S. Warman. Des. 63,529–31; Dec. 11.
Lighting-fixture bracket. P. S. Warman. Des 63,543–4; Dec. 11.
Lighting-fixture bracket back. F. S. Crowell. Des. 61,972; Feb. 20.
Lighting-fixture candle plate. R. L. Gerth. Des. 61,802; Jan. 16
Lighting-fixture candlestick. P. S. Warman. Des. 63,526; Dec. 11.
Lighting-fixture canopy. A. Aarons. Des. 62,661; July 17.
Lighting-fixture canopy. G. Ainsworth. Des. 63,605; Dec. 25.
Lighting-fixture canopy. T. E. Dahl. Des. 62,144; Mar. 27.
Lighting-fixture canopy. R. L. Gerth. Des. 61,803; Jan. 16.
Lighting-fixture canopy. H. T. Howell. Des. 63,648; Dec. 25.
Lighting-fixture ceiling fixture. F. S. Crowell. Des. 63,629–30; Dec. 25.
Lighting-fixture ceiling light. G. Ainsworth. Des. 63,607; Dec. 25.
Lighting-fixture ceiling light. H. T. Howell. Des. 63,647; Dec. 25
Lighting-fixture chandelier. F. S. Crowell. Des. 63,623–8; Dec. 25.
Lighting-fixture chandelier. F. S. Crowell. Des. 63,631; Dec. 25.
Lighting fixture, Combination socket cover and husk for. G. Ainsworth. Des. 63,277; Nov. 20.
Lighting fixture, Electric-. H. J. Strich. 1,458,157; June 12.
Lighting-fixture frame. L. A. Crumley. Des. 63,634; Dec. 25.
Lighting fixture globe. G. R. Ainsworth. Des. 61,757; Jan. 9.
Lighting-fixture globe. T. E. Dahl. Des. 61,798; Jan. 16.
Lighting-fixture globe. F. W. Gehrke. Des. 63,172; Oct. 30.
Lighting-fixture holder. T. E. Dahl. Des. 62,139; Mar. 27.
Lighting-fixture holder. R. A. L'Ecuyer and L. S. Marks. 1,462,692; July 24.
Lighting-fixture husk. G. Ainsworth. Des. 63,603; Dec. 25.
Lighting-fixture husk. F. S. Crowell. Des. 62,704; July 24.
Lighting-fixture husk. H. Huebner. Des. 63,557; Dec. 18. Dec. 18.
Lighting fixture, Indirect-. A. Wood. 1,466,497; Aug. 28.
Lighting-fixture lantern. F. S. Crowell. Des. 63,616–18; Dec. 25.
Lighting-fixture leg. F. S. Crowell. Des. 61,898; Feb. 6.
Lighting-fixture leg. F. S. Crowell. Des. 61,900; Feb. 6.
Lighting-fixture loop. G. Ainsworth. Des. 63,601; Dec. 25.
Lighting-fixture loop. G. Ainsworth. Des. 63,604; Dec. 25.
Lighting-fixture loop. T. E. Dahl. Des. 61,799; Jan. 16.
Lighting-fixture loop. A. Miller. Des. 61,809; Jan. 16.

Lighting-fixture loop. H. Tepfer. Des. 62,871; Aug. 14.
Lighting-fixture ornament. F. S. Crowell. Des. 61,905; Feb. 6.
Lighting-fixture pan. L. Jacobson. Des. 62,299; May 1.
Lighting-fixture pan. N. Lipsky. Des. 62,635; July 10.
Lighting-fixture panel. L. A. Crumley. Des. 63,635; Dec. 25.
Lighting-fixture part. P. I. Ansorge. Des. 62,560; June 26.
Lighting-fixture part. P. I. Ansorge. Des. 62,630; July 10.
Lighting-fixture pedestal. T. E. Dahl. Des. 63,638; Dec. 25.
Lighting-fixture pendant. F. S. Crowell. Des. 61,895; Feb. 6.
Lighting-fixture plate. F. S. Crowell. Des. 61,752; Jan. 2.
Lighting-fixture plate. F. S. Crowell. Des. 61,848–9; Jan. 30.
Lighting-fixture plate. F. S. Crowell. Des. 61,851; Jan. 30.
Lighting-fixture plate. F. S. Crowell. Des. 61,854; Jan. 30.
Lighting-fixture plate. F. S. Crowell. Des. 62,696-7; July 24.
Lighting-fixture plate. F. S. Crowell. Des. 62,703; July 24.
Lighting-fixture plate. H. T. Howell. Des. 62,632; July 10.
Lighting-fixture plate. H. T. Howell. Des. 63,104; Oct. 2.
Lighting-fixture plate. G. E. McFadden. Des. 62,673; July 17.
Lighting-fixture plate. G. E. McFadden. Des. 62,841; Aug. 7.
Lighting-fixture plate. J. C. Mettler. Des. 63,576; Dec. 25.
Lighting-fixture plate. K. Nacke. Des. 62,211; Apr. 10.
Lighting-fixture plate. L. R. Wellman. Des. 62,157; Mar. 27.
Lighting-fixture plate, Arm for. L. R. Wellman. Des. 62,156; Mar. 27.
Lighting fixture ring. T. E. Dahl. Des. 62,186; Apr. 3.
Lighting-fixture ring. T. Dahl. Des. 63,219; Nov. 6.
Lighting-fixture ring. T. Dahl. Des. 63,455; Dec. 11. Dec. 25.
Lighting-fixture sconce. C. Wagner. Des. 62,041; Mar. 6.
Lighting-fixture shade holder. P. Mohrmann. Des. 63,374–5; Nov. 27.
Lighting-fixture socket cover. G. Ainsworth. Des. 63,606; Dec. 25.
Lighting-fixture spindle. R. L. Gerth. Des. 61,804; Jan. 16.
Lighting-fixture spindle. H. T. Howell. Des. 63,102; Oct. 2.
Lighting-fixture spindle. C. Wagner. Des. 62,039–40; Mar. 6.
Lighting-fixture standard. J. W. Gosling. Des. 61,769; Jan. 9.
Lighting-fixture standard. J. W. Gosling. Des. 63,364; Nov. 27.
Lighting-fixture-supporting arm. F. S. Crowell. Des. 61,899; Feb. 6.
Lighting-fixture-supporting arm. F. S. Crowell. Des. 61,901–2; Feb. 6.
Lighting-fixture suspension strap. A. Miller. Des. 62,787; July 31.
Lighting-fixture top piece. J. Ribaysen. Des. 63,269; Nov. 13.
Lighting-fixture urn. H. C. Adam. Des. 61,957; Feb. 20.
Lighting fixture, Wall-bracket. H. Abrams. Des. 62,355; May 15.
Lighting fixture, Water-gauge-. R. B. Benjamin. 1,445,264; Feb. 13.
Lighting fixtures, Ball lamp cover for. H. T. Howell. Des. 63,177; Oct. 30.
Lighting fixtures, Body part for. T. E. Dahl. Des. 62,707; July 24.
Lighting fixtures, Body part for. T. E. Dahl. Des. 62,982; Sept. 4.
Lighting fixtures, Body shell for. G. Ainsworth. Des. 62,768; July 31.
Lighting fixtures, Bracket back for. F. S. Crowell. Des. 61,850; Jan. 30.
Lighting fixtures, Bracket back for. T. E. Dahl. Des. 62,143; Mar. 27.
Lighting fixtures, Bracket back for. T. E. Dahl. Des. 62,706; July 24.
Lighting fixtures, Bracket back for. P. Mohrmann. Des. 62,210; Apr. 10.
Lighting fixtures, Bracket lantern for. F. S. Crowell. Des. 62,693; July 24.
Lighting fixtures, Bracket plate for. F. S. Crowell. Des. 62,700; July 24.
Lighting fixtures, Bridge arm for. A. Cooper. Des. 63,128; Oct. 16.
Lighting fixtures, Bridge arm for. A. Cooper. Des. 63,554; Dec. 18.
Lighting fixtures, Candle cup for. G. Ainsworth. Des. 62,811; Aug. 7.
Lighting fixtures, Candle cup for. T. E. Dahl. Des. 62,140–1; Mar. 27.
Lighting fixtures, Candle cup for. H. T. Howell. Des. 63,175; Oct. 30.
Lighting fixtures, Candle plate for. G. E. McFadden. Des. 62,334; May 8.
Lighting fixtures, Candle-plate body for. H. T. Howell. Des. 63,101; Oct. 2.
Lighting fixtures, Canopy for. G. E. McFadden. Des. 62,578; June 26.
Lighting fixtures, Cast arm for. K. Nacke. Des. 62,177; Apr. 3.
Lighting fixtures, Ceiling fixture for. T. E. Dahl. Des. 62,185; Apr. 3.
Lighting fixtures, Ceiling lantern for. F. S. Crowell. Des. 62,694; July 24.
Lighting fixtures, Ceiling light for. G. E. McFadden. Des. 63,057; Sept. 25.
Lighting fixtures, Ceiling plate for. H. T. Howell. Des. 63,103; Oct. 2.
Lighting fixtures, Ceiling plate for. P. S. Warman. Des. 63,520; Dec. 11.
Lighting fixtures, Chandelier for. F. S. Crowell. Des. 62,701–2; July 24.
Lighting fixtures, Chandelier for. F. Fleischauer. Des. 62,715; July 24.
Lighting fixtures, Globe holder for. W. Lumley. 1,471,561; Oct. 23.
Lighting fixtures, Husk for ball lamp socket cover for. K. Nacke. Des. 62,178; Apr. 3.
Lighting fixtures, Lamp cover for. G. E. McFadden. Des. 62,840; Aug. 7.
Lighting fixtures, Light receptacle for. T. Dahl. Des. 62,232; Apr. 24.
Lighting fixtures or lamps, Finial for. A. Dvorak. Des. 63,255; Nov. 13.
Lighting fixtures, Ornamental ring for. G. V. Strahan and F. W. Mathieu. Des. 61,937–8; Feb. 13.
Lighting fixtures or similar article, Bracket for. G. Meier. Des. 61,788; Jan. 9.
Lighting fixtures or similar article, Bracket arm for. T. L. Dusseau. Des. 61,761; Jan. 9.
Lighting fixtures or similar articles, Bracket for. L. A. Crumley. Des. 63,636; Dec. 25.
Lighting fixtures, Oval plate for. G. E. McFadden. Des. 62,845; Aug. 7.
Lighting fixtures, Plate for. P. S. Warman. Des. 62,681; July 17.
Lighting fixtures, Shade for. N. Kopp. Des. 62,573–4; June 26.
Lighting fixtures, Shade for. H. E. Rainaud. Des. 62,590; June 26.
Lighting fixtures, Socket cover for. T. E. Dahl. Des. 62,708; July 24.
Lighting fixtures, Socket cover for. H. T. Howell. Des. 63,176; Oct. 30.
Lighting fixtures, Socket cover for. G. E. McFadden. Des. 62,333; May 8.
Lighting fixtures, Spindle for. R. L. Gerth. Des. 62,568–9; June 26.
Lighting fixtures, Stamping for. M. R. Horovitz. Des. 62,451; June 5.
Lighting fixtures, Top for lamp covers for. G. E. McFadden. Des. 62,842; Aug. 7.
Lighting fixtures, Top for lamp covers for. G. E. McFadden. Des. 62,844; Aug. 7.
Lighting fixtures, Top for pan for. G. E. McFadden. Des. 63,109; Oct. 2.
Lighting fixtures, Top for shade for. F. S. Crowell. Des. 62,698–9; July 24.
Lighting fixtures, Wall bracket for. T. E. Dahl. Des. 62,138; Mar. 27.
Lighting fixtures, Wall bracket for. T. E. Dahl. Des. 63,285; Nov. 20.
Lighting fixtures, Wall bracket for. T. E. Dahl. Des. 63,456; Dec. 11.
Lighting fixtures, Wall plate for. G. Ainsworth. Des. 62,767; July 31.
Lighting globe. E. B. Gillinder. Des. 61,908; Feb. 6.
Lighting, Indirect. P. Ross. 1,471,922; Oct. 23.
Lighting system automatic. A. M. Candy. 1,475,746; Nov. 27.
Lighting system, Steam-locomotive. A. McGary. 1,461,534; July 10.
Lighting unit. M. Klein. 1,470,227; Oct. 9.
Lighting unit, Automatic electric-. W. W. Bucher. 1,448,190; Mar. 13.
Lighting-unit holder. R. D. Wardell. 1,470,208; Oct. 9.
Lighting unit, Indirect. W. A. Dorey. 1,472,639; Oct. 30.
Lighting unit, Upright for a. J. W. Gosling. Des. 63,463; Dec. 25.
Lights and covers, Support for porthole. F. F. Fescharek. 1,444,177; Feb. 6.
Lights, Ray deflector for. D. E. Riley. 1,445,413; Feb. 13.
Lightning arrester. C. T. Allcutt. Re15,653; July 17.
Lightning arrester. L. S. Brach. 1,458,611; June 12.
Lightning arrester. L. M. Klauber. 1,454,289; May 8.
Lightning arrester and heat coil. R. G. Sands. 1,468,650; Sept. 25.
Lightning arresters, Resistor for. L. R. Golladay. 1,448,398; Mar. 13.
Lightning rod. M. Creighton. 1,467,922; Sept. 11.
Lightship beacon. M. Schuler. 1,442,543; Jan. 16.
Limb, Artificial. R. R. Harris. 1,466,163; Aug. 28.
Limb, Artificial. S. M. Harrison. 1,477,484; Dec. 11.
Limb attachment. J. E. Gantenbein. 1,442,392; Jan. 16.
Limbs, Compensating hinge joint for artificial. P. H. Spracklen. 1,470,201; Oct. 9.

Limbs, Joint for artificial. W. H. Wambsgans. 1,458,788; June 12.
Lime, Apparatus for hydrating. D. R. Bone. 1,469,209; Oct. 2.
Lime-containing materials, Treating. J. Pelc. 1,447,568; Mar. 6.
Lime-hydrating apparatus. H. Miscampbell. 1,464,722; Aug. 14.
Lime, Making arsenate of. C. Ellis and V. T. Stewart. 1,447,938; Mar. 6.
Lime, Making hydrated. M. Hermann. 1,462,284; July 17.
Limekiln. V. Arnold. 1,442,845; Jan. 23.
Limit gauge. O. Schlaupitz. 1,472,196; Oct. 30.
Limit gauge, Adjustable. B. H. Blood. 1,440,442; Jan. 2.
Limit gauge, Adjustable. E. J. Bryant. 1,448,356; Mar. 13.
Limit gauge, Adjustable. C. W. Lundin. 1,473,351; Nov. 6.
Line and circuit breaker. W. T. Rutledge. 1,465,791; Aug. 21.
Line, Artificial. H. J. Vennes. 1,471,636; Oct. 23.
Line, Artificial. H. J. Vennes. 1,472,507; Oct. 30.
Line balance, System for testing. A. L. Jones. 1,459,770; June 26.
Line-casting machine. T. F. Duff. 1,469,361; Oct. 2.
Line-casting machines, Attachment for. L. A. Robinson. 1,460,445; July 3.
Line connector and adjuster. G. C. Whittles. 1,472,621; Oct. 30.
Line control, Adjusting mechanism adapted for. L. Holland-Letz. 1,461,420; July 10.
Line fastener. H. C. Lafferty. 1,467,276; Sept. 4.
Line fastener. F. H. Weller. 1,470,408; Oct. 9.
Line holder. W. O. Rutherford. 1,466,563; Aug. 28.
Line hook. A. H. Humphreys. 1,472,840; Nov. 6.
Line instrument, Draftsman's parallel-. H. Sirot. 1,445,180; Feb. 13.
Line insulator, Ventilated. L. Steinberger. 1,447,359; Mar. 6.
Line, Network for neutralizing the susceptance of a loaded. R. S. Hoyt. 1,475,997; Dec. 4.
Line switch. J. N. Reynolds. Re15,644; July 10.
Line switch and connection. F. A. Lundquist. 1,475,499; Nov. 27.
Line switch, Crossbar. J. N. Reynolds. 1,462,047; July 17.
Line tightener. C. Breer. 1,467,420; Sept. 11.
Line-winding mechanism. W. Schmid. 1,476,769; Dec. 11.
Linear dimensions, Optical method of obtaining. R. W. Wood. 1,455,825; May 22.
Lineman's guard. H. B. Bush. 1,469,989; Oct. 9.
Liner, Device for printing intersecting. J. Rosenberg. 1,441,174; Jan. 2.
Liner, Inner. G. W. Stewart. 1,445,606; Feb. 13.
Liner stuffing-box head, Brass-. A. D. Purtle. 1,453,324; May 1.
Liner-treating device. J. Beard. 1,464,898; Aug. 14.
Lining. J. Raab and J. Tendrich. 1,465,562; Aug. 21.
Lingerie clasp. J. Leather. 1,444,030; Feb. 6.
Lingerie clasp. R. H. Moore. 1,444,801; Feb. 13.
Lingerie clasp. A. J. Wagner. 1,459,382; June 19.
Lingerie clip. E. E. Clark. Re15,654; July 17.
Lingerie pin. E. Diefenbacher. 1,456,301; May 22.
Lingual bar. R. V. Williams. 1,457,867; June 5.
Link. J. N. Lagasse. 1,463,043; July 24.
Link. V. Retterath. 1,452,817; Apr. 24.
Link. C. de Talmond. 1,477,475; Dec. 11.
Link, Connecting. P. E. Fellows. 1,478,003; Dec. 18.
Link, Drag. W. H. Spire. 1,474,854; Nov. 20.
Link-forming machine. R. Kölsch. 1,446,508; Feb. 27.
Link, Fusible. W. H. Baker. 1,456,686; May 29.
Link, Fusible. J. Dawson. 1,454,848; May 15.
Link, Fusible. E. H. Ellison. 1,446,554; Feb. 27.
Link, Fusible. H. M. Nacey. 1,452,522; Apr. 24.
Link-joint-connecting rod. J. Komar. 1,458,345; June 12.
Link lock, Pivoted-. T. B. Nicholson. 1,446,924; Feb. 27.
Link mat. W. T. Bell. 1,448,907; Mar. 20.
Link-mesh-cutting machine. O. Soderstrom. 1,447,736; Mar. 6.
1,460,749; July 3.
Link mesh, Machine for cutting. R. H. Berkley. 1,440,762; Jan. 2.
Link mesh, Machine for cutting. O. Soderstrom. 1,440,845; Jan. 2.
Link mesh, Machine for making. R. H. Berkley. 1,478,694; Dec. 25.
Link, Repair. L. S. Clark. 1,458,571; June 12.
Linking machine. A. A. Fette. 1,444,868; Feb. 13.
Links, Producing detachable connecting. B. Cousins. 1,447,064; Feb. 27.
Links, Removable grouser for track. P. E. Holt. 1,455,490; May 15.
Links, Securing wrist pins for chain. R. W. Dull.
Linoleum, oil cloth, or floor covering. C. M. Post. Des. 63,490–3; Dec. 11.
Linotype machines, Bold-faced-slug-casting attachment for. W. E. Zolman and A. W. Bradshaw. 1,467,412; Sept. 11.
Linotype machines, Main and auxiliary melting pot for. G. L. Curle. 1,473,083; Nov. 6.
Linotype matrix. W. P. Zent. 1,443,781; Jan. 30.
Lint and brush board, Adjustable. R. W. Haulbrook. 1,469,413; Oct. 2.
Lint cotton, Tramper for. M. C. Kirkpatrick. 1,472,274; Oct. 30.
Lint, Pneumatic apparatus for cleaning, covering, and recovering. G. L. Allen. 1,460,220; June 26.
Linter machines, Saw for. H. Tatje. 1,470,779; Oct. 16.
Lip-stick container. L. Root. 1,461,680; July 10.
Liquid and bulk filling machine, Combined. C. F. Colbert. 1,445,297; Feb. 13.
Liquid and gas mixer. A. W. Morse. 1,474,603; Nov. 20.
Liquid and gaseous fuel burner. M. Collman. 1,456,785; May 29.
Liquid and gaseous fuel burner. J. A. Mahr. 1,469,326; Oct. 2.
Liquid and vapor separator. H. G. Nevitt. 1,452,253; Apr. 17.
Liquid-agitating-tank mechanism. M. Donauer. 1,446,245; Feb. 20.
Liquid-applying can. W. J. Stansbury. 1,472,817; Nov. 6.
Liquid brake. P. Meyer. 1,471,186; Oct. 16.
Liquid container. W. K. Gill. 1,464,419; Aug. 7.
Liquid container. F. O. Williams. 1,459,191; June 19.
Liquid container. A. W. Wunderlich. 1,473,453; Nov. 6.
Liquid container, Leakproof. J. H. Gravell. 1,452,039; Apr. 17.
Liquid container, Stoppered. A. Schoenbrun. Des. 62,311; May 1.
Liquid containers, Attachable spout for. S. Frey. 1,468,360; Sept. 18.
Liquid containers, Combined closure and faucet for. H. O. Varrieur. 1,463,735; July 31.
Liquid containers, Discharge spout for. S. Frey. 1,461,269; July 10.
Liquid containers, Displacement element for. L. E. Baker. 1,457,811; June 5.
Liquid-delivering system. H. Kershaw and W. I. McCrum. 1,448,804; Mar. 20.
Liquid dispenser. A. E. Holmes. 1,454,284; May 8.
Liquid dispensers, Indicating attachment for. W. S. Townsend. 1,468,843; Sept. 25.
Liquid dispensing and measuring device. E. A. Rix. 1,466,482; Aug. 28.
Liquid-dispensing apparatus. A. Bowser. Re15,606; May 15.
Liquid-dispensing apparatus. J. A. Bryden. 1,469,617; Oct. 2.
Liquid-dispensing apparatus. E. Crouse. 1,466,273; Aug. 28.
Liquid-dispensing apparatus. J. B. Davis. 1,447,511; Mar. 6.
Liquid-dispensing apparatus. J. A. Lewin and G. P. Bartlett. 1,455,593; May 15.
Liquid-dispensing apparatus. F. C. Orr. 1,466,804; Sept. 4.
Liquid-dispensing device. O. J. Berg. 1,471,441; Oct. 23.
Liquid-dispensing device. A. Peron. 1,445,643; Feb. 20.
Liquid-dispensing device. A. D. Wyckoff. 1,471,250; Oct. 16.
Liquid-dispensing machine. J. Frick. 1,465,122; Aug. 14.
Liquid-dispensing system. S. D. Love. 1,454,971; May 15.
Liquid-dispensing tank. C. W. Johnson. 1,476,980; Dec. 11.
Liquid dropper. J. Turner, jr. 1,459,642; June 19.
Liquid elevator, Compressed-air. W. B. Dixon. 1,445,497; Feb. 13.
Liquid ether, Dehydrating. J. A. S. Hammond. 1,466,436; Aug. 28.
Liquid extractor. C. Hurd. 1,465,825; Aug. 21.
Liquid-feed system. C. L. Stokes. 1,457,758; June 5.
Liquid-feeding device. J. C. Coulombe. 1,467,633; Sept. 11.
Liquid-feeding device. L. A. Dunajeff. 1,463,683; July 31.
Liquid-feeding device. W. Sparks. 1,466,387; Aug. 28.
Liquid-feeding device. W. Sparks. 1,477,015; Dec. 11.
Liquid-feeding system. A. M. Wolf. 1,457,721; June 5.
Liquid fuel and producing same, Compounded. L. du P. Clement. 1,475,259; Nov. 27.
Liquid-fuel atomizing device. W. W. Williams. 1,451,798; Apr. 17.
Liquid-fuel burner. G. A. Bryan. 1,462,261; July 17.
Liquid-fuel burner. H. J. Cary. 1,444,164; Feb. 6.
Liquid-fuel burner. E. Cleary. 1,475,050; Nov. 20.
Liquid-fuel burner. J. A. Doble. 1,453,495; May 1.
Liquid-fuel burner. M. A. Fesler. 1,445,826; Feb. 20.
Liquid-fuel burner. W. E. Gibbs. 1,441,978; Jan. 9.
Liquid-fuel burner. G. W. Hofmann. 1,460,130; June 26.
Liquid-fuel burner. R. M. Kennedy. 1,471,666; Oct. 23.
Liquid-fuel burner. A. M. Lockett. 1,442,163; Jan. 16.
Liquid-fuel burner. H. W. Lovett. 1,441,008; Jan. 2.
Liquid-fuel burner. F. Martindell. 1,454,975; May 15.
Liquid-fuel burner. C. M. Rushing. 1,462,072; July 17.
Liquid-fuel burner. A. W. Southey. 1,444,855; Feb. 13.
Liquid-fuel burner. H. A. Tedman. 1,475,458; Nov. 27.
Liquid-fuel burner. G. T. Underwood. 1,459,482; June 19.
Liquid fuel, Burner for thorough combustion of. E. Becker. 1,476,136; Dec. 4.

Alphabetical list of inventions—Continued.

Liquid-fuel-burning appliance. R. G. Breeding. 1,458,266; June 12.
Liquid fuel, Device for the combustion of. S. Trood. 1,445,370; Feb. 13.
Liquid-fuel-feeding means. J. Scheminger, jr. 1,442,785; Jan. 16.
Liquid-fuel furnace. C. G. Hawley. 1,452,380; Apr. 17.
Liquid fuel, Gasifying burner for. E. Menger. 1,457,542; June 5.
Liquid fuel, Means for vaporizing. J. M. Maclean. 1,470,461; Oct. 9.
Liquid-fuel purifier. J. H. Gannon. 1,470,719; Oct. 16.
Liquid-fuel strainer. H. V. Gompf. 1,478,785; Dec. 25.
Liquid-fuel vaporizer. S. G. House. 1,459,507; June 19.
Liquid fuel, Vaporizer for. H. L. Blackwood. 1,462,361; July 17.
Liquid fuel, Vaporizer for. J. A. La Rue. 1,467,800; Sept. 11.
Liquid fuels, Heating means for. F. F. Dier. 1,442,927; Jan. 23.
Liquid gauge. G. P. Gregory. 1,448,842; Mar. 20.
Liquid gauge. W. M. Tulley. 1,451,240; Apr. 10.
Liquid gauge, Illuminated. G. L. Hills. 1,445,834; Feb. 20.
Liquid head gauge. E. H. Bristol. 1,452,142; Apr. 17.
Liquid, Heat treatment of. W. Mauss. 1,454,553; May 8.
Liquid heater. W. F. Clark. 1,451,863; Apr. 17.
Liquid heater, Electric. F. E. G. Eisselt. 1,463,617; July 31.
Liquid heater, Electric immersion. S. Abel. 1,459,665; June 19.
Liquid heater, Electrical. W. Penzold. 1,446,317; Feb. 20.
Liquid holder, Protective. L. Hetu. 1,475,825; Nov. 27.
Liquid indicator. A. W. Hutchinson. 1,442,948; Jan. 23.
Liquid-level gauge. J. B. Mullally. 1,455,965; May 22.
Liquid-level gauge. A. B. Shultz. 1,451,965; Apr. 17.
Liquid-level indicator. T. M. Feder. 1,476,289; Dec. 4.
Liquid-level indicator. E. L. Kenyon. 1,464,476; Aug. 7.
Liquid-level indicator. W. M. Lawrence. 1,467,548; Sept. 11.
Liquid-level indicator. H. Lundquist. 1,456,701; May 29.
Liquid-level indicator. A. Marone. 1,477,145; Dec. 11.
Liquid-level indicator. D. R. Price. 1,453,602; May 1.
Liquid-level indicator. A. U. Walter. 1,477,403; Dec. 11.
Liquid measuring and dispensing apparatus. E. A. Rix. 1,461,292; July 10.
Liquid measuring and dispensing device. A. B. Walters. 1,454,572; May 8.
Liquid-measuring apparatus. G. W. MacKenzie. 1,475,844; Nov. 27.
Liquid-metal transfer apparatus. A. C. Nelson and E. J. Reilly. 1,449,242; Mar. 20.
Liquid meter. R. S. Bassett. 1,458,965; June 19.
Liquid meter. R. S. Bassett. 1,460,471; July 3.
Liquid meter. A. R. Granberg. 1,460,715; July 3.
Liquid, Method and apparatus for electrolyzing. H. H. Dow, T. Griswold, jr., and E. O. Barstow. 1,441,408; Jan. 9.
Liquid motor. M. T. Lindenberg. 1,451,580; Apr. 10.
Liquid-operated jack. F. J. Leisse. 1,441,628; Jan. 9.
Liquid or plastic materials, Device for dispensing. W. W. Heinitsh, I. C. Shalkop, and A. B. Lauterbach. 1,472,123; Oct. 30.
Liquid or vapor fuel burner. C. O. Everhart. 1,455,135; May 15.
Liquid phase, Recovering valuable components from a complex. G. B. Burnham. 1,476,873; Dec. 11.
Liquid-pumping apparatus. F. H. Griffiths and H. F. Benson. 1,472,560; Oct. 30.
Liquid purifier. J. E. Caps. 1,465,968; Aug. 28.
Liquid-reserve device. R. E. Mudd. 1,469,947; Oct. 9.
Liquid sampler. P. W. Tompkins. 1,471,015; Oct. 16.
Liquid sprayer. M. F. Biersdorf. 1,470,111; Oct. 9.
Liquid storage. F. A. Howard. 1,442,525; Jan. 16.
Liquid-storage receptacle for a circulating system, Auxiliary. A. B. Modine. 1,472,305; Oct. 30.
Liquid through the conductors, Device for the cooling of electric apparatus by the circulation of. P. M. G. Toulon. 1,452,666; Apr. 24.
Liquid to paper, Applying coloring. L. P. Winchenbaugh and L. Gentile. 1,454,363–4; May 8.
Liquid to wires, threads, and the like, Method and means for applying a. F. K. Schmidt. 1,454,224; May 8.
Liquid-treating apparatus. C. P. Landreth. 1,478,714; Dec. 25.
Liquid-treating instrument. F. E. Beidler. 1,446,029; Feb. 20.
Liquid-treating system. J. F. Musselman. 1,469,804; Oct. 9.
Liquid vapor from a gaseous carrier, Operation employed in extracting. C. C. Reed. 1,456,570; May 29.
Liquids and automatically grading the same according to their density, Apparatus for indicating the density of. J. L. Mennell. 1,454,756; May 8.
Liquids and making same, Shipping container for. L. M. White. 1,477,795; Dec. 18.
Liquids and solids, Means for separating the liquid and solid components of mixtures of. A. J. Arbuckle. 1,454,916; May 15.
Liquids, Apparatus for aerating. C. J. C. W. Hyne. 1,462,063; July 17.
Liquids, Apparatus for agitating. H. Hough. 1,447,849; Mar. 6.
Liquids, Apparatus for applying. L. Simmons. 1,473,979; Nov. 13.
Liquids, Apparatus for bottling. C. J. Van Doren. 1,451,351; Apr. 10.
Liquids, Apparatus for controlling the flow of. J. W. Doble. 1,474,894; Nov. 20.
Liquids, Apparatus for dispensing. J. W. MacDonald. 1,476,408; Dec. 4.
Liquids, Apparatus for dispensing. W. P. Schirmer. 1,471,529; Oct. 23.
Liquids, Apparatus for exchanging the heat of. F. Duvieusart. 1,476,061; Dec. 4.
Liquids, Apparatus for extracting. A. S. Kirshner. 1,449,290; Mar. 20.
Liquids, Apparatus for measuring. J. F. Ferriot. 1,448,266; Mar. 13.
Liquids, Apparatus for purifying. R. C. Turner. 1,477,088; Dec. 11.
Liquids, Apparatus for the settlement of solid particles suspended in. N. C. Christensen. 1,458,805; June 12.
Liquids, Apparatus for throwing. F. C. Hughes. 1,471,130; Oct. 16.
Liquids, Apparatus for treating. H. E. Sturcke. 1,465,955; Aug. 28.
Liquids and gases, Process and apparatus for mixing. W. Paterson. 1,468,739; Sept. 25.
Liquids and liquid pulps, Apparatus for the treatment of. H. R. Robbins. 1,473,160; Nov. 6.
Liquids at a constant level in their containers, Device for maintaining. A. R. Trist. 1,443,663; Jan. 30.
Liquids by means of ultra-violet rays, Apparatus for sterilizing. V. Henri, A. Helbronner, and M. von Recklinghausen. 1,473,095; Nov. 6.
Liquids, Centrifugal separation and centrifugal filtration of. C. F. Paul, jr. 1,468,740; Sept. 25.
Liquids, Chain for elevating. E. Gennevois. 1,475,382; Nov. 27.
Liquids, Controlling foaming of boiling. C. E. Dolbear. 1,440,973; Jan. 2.
Liquids, Conveyance of highly-inflammable. J. Muchka. 1,456,820; May 29.
Liquids, Cooler for. H. J. Willmott. 1,466,388; Aug. 28.
Liquids, Dehydrating organic. J. A. S. Hammond. 1,466,435; Aug. 28.
Liquids, Device for determining the specific gravity of. J. M. Johlin. 1,460,134; June 26.
Liquids, Device for heating, pasteurizing, and evaporating. M. C. Mabee. 1,459,182; June 19.
Liquids, Device for the preservation and aseptic drawing off of. J. Arnold. 1,451,937; Apr. 17.
Liquids, Electrically treating. H. B. Rudd. 1,468,649; Sept. 25.
Liquids, Elevating. J. C. Grant. 1,454,377; May 8.
Liquids, Foam for preventing evaporation of stored. F. A. Howard, G. H. L. Kent, and J. M. Jennings. 1,443,538; Jan. 30.
Liquids from aeriform mixtures, Process and apparatus for the recovery of the vapors of volatile. E. A. Barbet. 1,452,778; Apr. 24.
Liquids from great depths, Elevating. F. I. Nevill. 1,473,967; Nov. 13.
Liquids from vessels, Receptacle for removing. A. M. Demuth. 1,471,475–6; Oct. 23.
Liquids, fluids, and oils, Apparatus for the conversion and transformation of. J. H. Adams. 1,461,017; July 3.
Liquids, Heating device for. C. E. Parkhurst. 1,452,311; Apr. 17.
Liquids, Height indicator for. R. Grimshaw and C. J. Weis. 1,458,338; June 12.
Liquids, Instrument for measuring the height of. W. C. and W. O. Barnes. 1,454,531; May 8.
Liquids, Making a composition for purifying. W. L. Jordan. 1,448,846; Mar. 20.
Liquids, Means for dehydrating alcoholic. M. D. Mann, jr. 1,452,206; Apr. 17.
Liquids, Means for regulating the flow of. W. E. Muntz. 1,465,556; Aug. 21.
Liquids, Measuring and dispensing device for. S. C. Price. 1,474,554; Nov. 20.
Liquids, Method and apparatus for treating. C. M. Bullard. 1,468,353; Sept. 18.
Liquids, Method of and apparatus for concentrating. I. Hechenbleikner and T. C. Oliver. 1,456,874; May 29.
Liquids, Method of and apparatus for evaporating. M. J. O'Boyle and E. C. Holton. 1,475,314; Nov. 27.
Liquids, Nebulizer of. A. W. Morse. 1,468,370; Sept. 18.
Liquids, Nebulizer of. A. W. Morse. 1,472,486; Oct. 30.
Liquids of different densities, Apparatus for separating. O. E. Hans. 1,450,545; Apr. 3.
Liquids or solids with gases, Apparatus for treating. W. Sieck, jr. 1,470,887; Oct. 16.
Liquids, Process and apparatus for dispensing. R. Black. 1,468,989; Sept. 25.
Liquids, Process and apparatus for evaporating. E. Wirth-Frey. 1,461,640; July 10.
Liquids, Process of and apparatus for distilling. W. E. Sanger. 1,452,617; Apr. 24.
Liquids, Purifying. S. H. Hall. 1,474,629; Nov. 20.
Liquids, Receptacle filling and measuring machine for. E. J. Falkiner. 1,442,138; Jan. 16.

Liquids, Safety device for plants delivering inflammable. M. Ludwig. 1,456,390; May 22.
Liquids, Starting device for treating. J. P. Ball. 1,452,335; Apr. 17.
Liquids, Stirring device for agitating. W. Lees and W. Moors. 1,441,813; Jan. 9.
Liquids, Storage and dispensing tank for. J. M. Fitzgerald. 1,447,943; Mar. 6.
Liquids, Supersaturating. B. Brazelle. 1,469,581; Oct. 2.
Liquids, System of raising. T. G. Allen. 1,444,442; Feb. 6.
Liquids to powdered or other condensed form, Device for reducing. J. C. MacLachlan. 1,468,119; Sept. 18.
Liquids with chemical reagents, Apparatus for treating. W. Paterson. 1,464,291; Aug. 7.
Liquids with gases, Apparatus for treating. W. E. Greenawalt. 1,471,332; Oct. 23.
Liquors, Purification of waste. F. W. Wagner. 1,473,750; Nov. 13.
Liquors, Recovery of valuable constituents from certain waste. C. T. Whittier. 1,442,317; Jan. 16.
Liquors, Treatment of sulphite cellulose. J. S. Robeson. 1,445,603; Feb. 13.
Lister, Two-row. L. W. Chase, W. R. McGeachin and J. C. Brand. 1,469,751–2; Oct. 2.
Listers, Seed-covering attachment for. C. C. Hermance and M. Rein. 1,466,585; Aug. 28.
Lithographic and printing form roller. C. Henderson. 1,472,909; Nov. 6.
Lithographing machines, Feeding mechanism for tin-plate. S. Finigan. 1,460,373; July 3.
Lithographing presses, Water distributor for. C. Henderson. 1,462,136; July 17.
Lithographing presses, Zinc-plate cylinder for offset. S. Fleming. 1,471,392; Oct. 23.
Lithopone and manufacture. W. F. Meister. 1,455,963; May 22.
Lithopone, Apparatus and process for making. W. R. Macklind. 1,447,592; Mar. 6.
Lithopone, Apparatus for calcining. J. L. Mitchell. 1,478,347; Dec. 18.
Lithopone manufacture. F. G. Breyer and C. W. Farber. 1,446,637; Feb. 27.
Lithopone manufacture. E. E. Dougherty. 1,474,766; Nov. 20.
Litter carrier. H. L. Ferris. 1,448,394; Mar. 13.
Litter carrier. E. B. Fink. 1,441,841; Jan. 9.
Litter carrier. J. L. Thornton. 1,453,610; May 1.
Lixiviation apparatus, Automatically-acting. G. Haglund. 1,456,592; May 29.
Load carrier, Pneumatic. F. L. Lee. 1,444,157; Feb. 6.
Load-carrying surfaces, Means for the production of. G. F. Underwood. 1,478,995; Dec. 25.
Load-counterbalancing mechanism. E. F. Ulrich. 1,454,089; May 8.
Load-regulating means. H. M. Gassman. 1,450,720; Apr. 3.
Load indicator. H. R. Hughes. 1,459,102; June 19.
Loader. R. Black. 1,443,557; Jan. 30.
Loader. W. T. Jones. 1,452,080; Apr. 17.
Loader. W. W. Leach. 1,447,255; Mar. 6.
Loader. F. J. Westendorf. 1,449,359; Mar. 20.
Loader. F. N. Wilson. 1,467,700; Sept. 11.
Loader, Portable. N. P. Nelson. 1,460,172; June 26.
Loader, Shock. S. Olson. 1,455,029; May 15.
Loading apparatus. J. M. Freeman. 1,470,221; Oct. 9.
Loading apparatus. E. O. Nelson. 1,477,712; Dec. 18.
Loading and conveying apparatus. J. C. French 1,474,356; Nov. 20.
Loading and grading device. J. R. Canion. 1,462,785; July 24.
Loading and unloading apparatus. B. P. Bratt. 1,457,054; May 29.
Loading and unloading apparatus. J. A. Worsham. 1,460,466; July 3.
Loading and unloading device. A. L. Oliphant. 1,456,278; May 22.
Loading and unloading machines, Feeder for. C. O. Brown and H. B. Walker. 1,473,779; Nov. 13.
Loading device. N. W. Fabeck. 1,462,272; July 17.
Loading device. E. H. Lichtenberg. 1,459,779; June 26
Loading machine. F. Billings and R. P. Greenleaf. 1,442,117; Jan. 16.
Loading machine. F. Billings and R. P. Greenleaf. 1,444,056. Feb. 6.
Loading machine. F. Billings and R. Greenleaf. 1,464,742; Aug. 14.
Loading machine. F. Billings and R. P. Greenleaf. 1,447,275; Mar. 6.
Loading machine. J. C. Brackett. 1,442,852; Jan. 23.
Loading machine. A. M. Gow. 1,472,907; Nov. 6.
Loading machine. R. P. Greenleaf. 1,442,939; Jan. 23.
Loading machine. R. P. Greenleaf. 1,451,020; Apr. 10.
Loading machine. R. P. Greenleaf. 1,463,550; July 31.
Loading machine. R. P. Greenleaf. 1,473,227; Nov. 6.
Loading machine. R. P. Greenleaf. 1,477,754; Dec. 18.
Loading machine. J. M. London. 1,445,332; Feb. 13.
Loading machine. P. J. McDonald. 1,469,046; Sept. 25.
Loading machine. B. A. Middlemiss. 1,441,700; Jan. 9.
Loading machine. E. C. Morgan. 1,473,157; Nov. 6.
Loading machine. F. E. Smith. 1,466,917; Sept. 4.
Loading material, Method of and apparatus for. F. S. Follansbee. 1,458,043; June 5.
Loading mechanism. A. E. Norris. 1,443,377; Jan. 30.
Lobster trap. A. A. Axiotes. 1,455,381; May 15.
Lobster trap. C. L. Keddy. 1,450,682; Apr. 3.
Lock: *See*—
Alarm lock.
Antitheft lock.
Auto lock.
Automobile lock.
Automobile door lock.
Automobile emergency-brake-lever lock.
Automobile exhaust lock.
Automobile gear lock.
Automobile gear-shift pedal lock.
Automobile robe lock.
Automobile signal lock.
Automobile steering-gear lock.
Automobile steering-wheel lock.
Automobile tire lock.
Automobile transmission lock.
Automobile wheel lock.
Bag-frame lock.
Bail lock.
Bed lock.
Bedstead lock.
Bedstead corner lock.
Bobbin-case lock.
Bolt lock.
Bolt and nut lock.
Brake lock.
Bumper lock.
Burglar-alarm lock.
Car lock.
Car-door lock.
Case lock.
Chain lock.
Check lock.
Circuit lock.
Clutch lock.
Clutch and brake lock.
Clutch-pedal lock.
Coin lock.
Coin-controlled lock.
Combination lock.
Combination automobile lock.
Combination gasoline safety lock.
Crib corner lock.
Cylinder lock.
Door lock.
Door and window lock.
Dumb-waiter lock.
Electric lock.
Elevator lock.
Elevator-door lock.
Elevator interlock.
Emergency-brake lock.
Furniture lock.
Galley lock.
Garage-door lock.
Gas-cock lock.
Gate lock.
Gear-shift lock.
Gravity lock.
Hasp lock.
Ignition lock.
Indicating lock.
Intake lock.
Intake-manifold lock.
Key lock.
Keyless lock.
Knife lock.
Knob lock.
Lamp lock.
Lever lock.
Link lock.
Lock-spindle lock.
Manifold lock.
Manifold connection lock.
Mine-car check lock.
Mortise lock.
Nut lock.
Nut and bolt lock.
Oarlock.
Package-receiver lock.
Paper lock.
Pedal lock.
Permutation lock.
Permutation door lock.
Pocket lock.
Prison lock.
Quoin lock.
Radiator-cap lock.
Railway switch lock.
Reversible lock.
Rim lock.
Safe lock.
Safety lock.
Safety and pickproof lock.
Sash lock.
Seal lock.
Shackle lock.
Spindle lock.
Stanchion lock.
Steering-gear lock.
Steering-post lock.
Steering-wheel lock.
Stovepipe lock.
Switch lock.
Thumb lock.
Tiller lock.
Tire lock.
Tire-carrier lock.
Transmission lock.
Trolley lock.
Trunk lock.
Tumbler lock.
Turnbuckle lock.
Valve lock.
Valve-spring-lifter lock.
Vault temporary lock.
Vehicle lock.
Vehicle door lock.
Vending-machine lock.
Water-meter lock.
Wheel lock.
Window lock.
Window-sash lock.
Wheel lock.
Wrist-pin lock.
Lock. S. J. Adkins. 1,472,861; Nov. 6.
Lock. E. Anderson. 1,455,770; May 22.
Lock. M. Arm. 1,452,406; Apr. 17.
Lock. A. H. Bacon. 1,446,632; Feb. 27.
Lock. A. Boge. 1,472,043; Oct. 30.
Lock. R. S. Bonilla. 1,473,076; Nov. 6.
Lock. J. S. Burdick. 1,470,805; Oct. 16.
Lock. S. D. Butterworth. 1,475,363; Nov. 27.
Lock. J. H. Castell. 1,458,520; June 12.
Lock. T. C. Cooper. 1,461,725; July 17.
Lock. G. F. Crass. 1,477,318; Dec. 11.
Lock. J. C. T. Crowden. 1,443,563; Jan. 30.
Lock. G. Dalianis. 1,478,322; Dec. 18.
Lock. F. M. Fish. 1,464,262; Aug. 7.
Lock. L. Friedman. 1,450,206; Apr. 3.
Lock. L. W. Gates. 1,477,342; Dec. 11.
Lock. O. E. Gibson. 1,462,805; July 24.
Lock. M. Grabarek. 1,472,648; Oct. 30.
Lock. W. C. Graves. 1,446,252; Feb. 20.
Lock. W. B. Grubb. 1,452,503; Apr. 24.
Lock. C. A. Habenicht. 1,459,290; June 19.
Lock. K. Horiguchi. 1,445,589; Feb. 13.
Lock. C. Kemp. 1,440,782; Jan. 2.
Lock. A. Kendechy. 1,457,253; May 29.
Lock. F. Kihm. 1,447,865; Mar. 6.
Lock. P Kondrad. 1,455,294; May 15.
Lock. W. H. Landing. 1,451,265; Apr. 10.
Lock. S. Leczycki. 1,451,464; Apr. 10.
Lock. E. E. Longfellow. 1,461,279; July 10.
Lock. O. J. Looney. 1,478,343; Dec. 18.
Lock. C. M. McCarthy. 1,466,537; Aug. 28.
Lock. J. Mann. 1,457,985; June 5.
Lock. A. C. and J. Messina. 1,469,233; Oct. 2.

Lock. A. E. Miller. 1,446,760; Feb. 27.
Lock. A. Monti. 1,477,181; Dec. 11.
Lock. A. W. Morris. 1,459,234; June 19.
Lock. D. E. and T. T. Morris. 1,449,909; Mar. 27.
Lock. E. O. Murmann. 1,452,812; Apr. 24.
Lock. R. S. Murrill. 1,458,539; June 12.
Lock. R. L. Opel. 1,444,520; Feb. 6.
Lock. W. Otowicz. 1,448,313; Mar. 13.
Lock. J. S. Piga. 1,475,082; Nov. 20.
Lock. A. Primak. 1,462,869; July 24.
Lock. R. R. Raymond. 1,454,768; May 8.
Lock. E. A. Reineman. 1,471,061; Oct. 16.
Lock. O. C. Rixson. 1,462,826–8; July 24.
Lock. M. Sheinman. 1,451,788; Apr. 17.
Lock. F. P. Shek. 1,452,393; Apr. 17.
Lock. F. P. Shek. 1,477,777; Dec. 18.
Lock. C. P. Skublin. 1,445,132; Feb. 20.
Lock. H. F. Starrett. 1,466,489; Aug. 28.
Lock. H. D. Steinmark. 1,475,725; Nov. 27.
Lock. P. Szydlowski. 1,460,518; July 3.
Lock. E. L. Teich. 1,454,020; May 1.
Lock. S. L. Terry. 1,453,115; Apr. 24.
Lock. I. A. Treiman and R. L. Rockwell. 1,461,857; July 17.
Lock. L. Verdy. 1,465,290; Aug. 21.
Lock. A. F. W. Viehweger. 1,464,456; Aug. 7.
Lock. H. G. Voight. 1,456,838; May 29.
Lock. V. Warnelo. 1,449,923; Mar. 27.
Lock. J. F. White. 1,468,654; Sept. 25.
Lock. W. S. Whitten. 1,444,410; Feb. 6.
Lock. G. E. M. Wieland. 1,463,768; July 31.
Lock. J. O. Winks and E. O. Bennett. 1,454,202; May 8.
Lock. T. A. Wiseman. 1,459,128; June 19.
Lock. J. G. Yanchik. 1,462,780; July 24.
Lock. A. Yurow. 1,461,692; July 10.
Lock and key, Combination. E. E. Raush. 1,476,370; Dec. 4.
Lock and latch. N. B. Hurd. 1,460,133; June 26.
Lock and latch. W. S. Witten. 1,470,250; Oct. 9.
Lock and lock mounting. E. C. Kline. 1,452,471; Apr. 17.
Lock and lock mounting. E. C. Kline. 1,471,517; Oct. 23.
Lock and lock mounting. E. C. Kline. 1,471,740; Oct. 23.
Lock bolt. A. Samanich. 1,453,952; May 1.
Lock bolt. J. H. Shaw. 1,446,589; Feb. 27.
Lock cock, Automatic. J. T. O'Gorman. 1,459,686; June 19.
Lock device, Safety. W. C. Dillon. 1,448,525; Mar. 13.
Lock for door keys. W. H. Greenfield. 1,450,075; Mar. 27.
Lock for filler caps. H. G. Voight. 1,456,161; May 22.
Lock for fillister-head screws. H. Miller. 1,470,386; Oct. 9.
Lock for ignition systems, Permutation. F. O. Willey. 1,449,360; Mar. 20.
Lock for sliding doors. C. A. Schmitt. 1,473,324; Nov. 6.
Lock handles, Producing. S. A. Gutman. 1,464,526; Aug. 14.
Lock joint, Adjustable. H. Cohen. 1,468,659; Sept. 25.
Lock mechanism. H. H. Claussen. 1,452,190; Apr. 17.
Lock mechanism. O. J. Ericsson. 1,459,584; June 19.
Lock mechanism, Key-. A. E. Greff. 1,440,459; Jan. 2.
Lock, Nut. A. W. Lowry. 1,477,509; Dec. 11.
Lock nut. J. Rogler. 1,441,714; Jan. 9.
Lock screw. A. Flentjen. 1,470,528; Oct. 9.
Lock-spindle lock. J. A. Belford. 1,449,967; Mar. 27.
Lock strike, Adjustable. L. Ottinger. 1,441,020; Jan. 2.
Lock structure. M. C. Maxwell. 1,470,858; Oct. 16.
Lock switch. H. A. Clum. 1,462,684; July 24.
Lock switch. J. Cook and E. P. Hinkle. 1,444,664; Feb. 6.
Lock washer. E. W. Murray. 1,457,592; June 5.
Lock-washer retainer. W. J. Kelly. 1,440,684; Jan. 2.
Locker. W. N. Vance. 1,442,751; Jan. 16.
Locker fitting. L. A. Wilkinson. 1,444,820; Feb. 13.
Locket and watch or clock, Combined. G. H. Applegate. 1,446,082; Feb. 20.
Locking attachment, Safety. J. M. Smith and E. Schanks. 1,443,285; Jan. 23.
Locking bar. F. J. Greene. 1,462,278; July 17.
Locking bolt. S. W. Band. 1,452,777; Apr. 24.
Locking bolt, Auxiliary. W. E. Clark. 1,458,271; June 12.
Locking bolt, Auxiliary. C. H. Miller and A. N. Scott. 1,452,567; Apr. 24.
Locking device. C. S. Brown. 1,473,986; Nov. 13.
Locking device. R. E. Cook. 1,444,950; Feb. 13.
Locking device. L. C. Crescio. 1,448,953; Mar. 20.
Locking device. H. Gagné. 1,449,980; Mar. 27.
Locking device. W. E. Harris. 1,471,693; Oct. 23.
Locking device. J. J. Hays. 1,449,320; Mar. 20.
Locking device. G. Hazlett and C. H. Mitchell. 1,457,029; May 29.
Locking device. J. J. Farrell. 1,470,823; Oct. 16.
Locking device. J. L. Ocheltree, jr. 1,461,400; July 10.
Locking device. E. Roy. 1,447,573; Mar. 6.
Locking device. E. Siegel. 1,452,938; Apr. 24.
Locking device. C. Vogt. 1,471,077; Oct. 16.
Locking device, Safety. W. Koot. 1,456,852; May 29.
Locking device. Seal. E. Tyden. 1,462,588; July 24.
Locking device, Steering. L. Werle. 1,452,901; Apr. 24.
Locking differential. F. C. and W. S. Baird. 1,447,116; Feb. 27.
Locking joint. L. W. Murphy. 1,454,758; May 8.
Locking means. G. J. Lenz. 1,448,277; Mar. 13.
Locking mechanism. L. R. Le Tang. 1,464,008; Aug. 7.
Locking mechanism. J. F. Lindberg. 1,468,027; Sept. 18.
Locking mechanism, Combination. G. D. Rathbun. 1,449,248; Mar. 20.
Locking nut. F. Ilsemann. 1,445,955; Feb. 20.
Locking switch. R. M. Martens. 1,465,451; Aug. 21.
Locks, Means for securing. L. D. Vaney. 1,467,076; Sept. 4.
Locks, Safety attachment for. I. A. Treiman. 1,472,948; Nov. 6.
Locks, Shearing device for auxiliary. W. C. Dillon. 1,466,207; Aug. 28.
Locks, Time recorder for. G. Pullman. 1,452,846; Apr. 24.
Locomotive. C. Bauman. 1,471,089; Oct. 16.
Locomotive. A. Claypoole. 1,464,696; Aug. 14.
Locomotive. M. J. Furlong. 1,454,161; May 8.
Locomotive. R. F. Hall. 1,464,931; Aug. 14.
Locomotive. R. F. Hall. 1,477,952; Dec. 18.
Locomotive. A. T. Kasley. 1,444,545; Feb. 6.
Locomotive. A. Macchioni and E. Hocke. 1,456,810; May 29.
Locomotive. J. E. Muhlfeld and V. Z. Caracristi. 1,449,536; Mar. 27.
Locomotive. T. E. Pray. 1,451,889; Apr. 17.
Locomotive. W. W. Sloane. 1,454,138–9; May 8.
Locomotive. W. W. Sloane. 1,474,175; Nov. 13.
Locomotive. W. E. Woodard. 1,478,593; Dec. 25.
Locomotive and tender connection. R. T. Pletcher. 1,443,716; Jan. 30.
Locomotive arch. C. E. Miller. 1,450,696; Apr. 3.
Locomotive arch. C. E. Miller. 1,468,388; Sept. 18.
Locomotive ash pan. F. A. Mayer. 1,472,659; Oct. 30.
Locomotive ash pan. W. M. Sheehan. 1,460,113; June 26.
Locomotive blow-off system. S. Otis. 1,475,717; Nov. 27.
Locomotive boiler. J. J. Cain. 1,463,250; July 31.
Locomotive boiler. S. Hasegawa and T. Ikegi. 1,449,228; Mar. 20.
Locomotive-boiler front-end support. A. G. Hollingshead. 1,448,444; Mar. 13.
Locomotive boilers or the like, Steam cleansing device for. J. Bore and A. Skoglund. 1,463,494; July 31.
Locomotive booster. L. E. Osborne and N. M. Lower. 1,469,526; Oct. 2.
Locomotive booster motor-controlling mechanism. F. R. Peters. 1,470,761; Oct. 16.
Locomotive booster motors, Mounting for. F. R. Peters. 1,470,760; Oct. 16.
Locomotive centering device. C. Jablow. 1,448,406; Mar. 13.
Locomotive coal bunker. I. Broberg. 1,467,997; Sept. 18.
Locomotive coal bunker. F. Ljungstrom and I. Broberg. 1,447,679; Mar. 6.
Locomotive combustion regulator. E. T. D. Myers, jr. 1,452,210; Apr. 17.
Locomotive combustion regulator. E. T. D. Myers, jr. 1,458,540; June 12.
Locomotive draft appliance. A. J. Townsend and H. W. Snyder. 1,477,730; Dec. 18.
Locomotive driving box. W. A. Halburton. 1,441,925; Jan. 9.
Locomotive driving box. E. W. Rawdon. 1,452,895–6; Apr. 24.
Locomotive driving journals, Lubricator for. A. T. Kuehner. 1,468,909; Sept. 25.
Locomotive, Electric. H. Pieper. 1,468,920; Sept. 25.
Locomotive, Electric. W. R. Youmans. 1,466,011; Aug. 28.
Locomotive fire box. H. P. Anderson. 1,446,081; Feb. 20.
Locomotive fire box. B. C. Murden. 1,442,678; Jan. 16.
Locomotive fire box. P. L. Parish. 1,470,700; Oct. 16.
Locomotive-fire-box structure. L. Parish. 1,456,710; May 29.
Locomotive fire grate. J. G. Ellis and G. W. Mingie. 1,459,288; June 19.
Locomotive, Four-cylinder compound. G. Baillot. 1,471,677; Oct. 23.
Locomotive frame. B. S. Moore. 1,469,236; Oct. 2.
Locomotive frame. G. E. Parks. 1,474,730; Nov. 20.
Locomotive frames, Jig for assembling. J. P. Sykes and H. E. Stover. 1,453,896; May 1.
Locomotive frames, Jig for assembling. J. P. Sykes and H. E. Stover. 1,460,868; July 3.
Locomotive furnace. J. G. Robinson. 1,450,229; Apr. 3.
Locomotive grate shaker. G. B. Ashworth. 1,459,813; June 26.
Locomotive jacks, Leveling apparatus for. J. S. Townsend. 1,446,774; Feb. 27.
Locomotive, Oil-engine-driven. H. Schneider. 1,447,488; Mar. 6.
Locomotive pilot. S. A. Wyrick. 1,446,406; Feb. 20.
Locomotive provided with tubular air preheaters. F. Ljungström. 1,477,968; Dec. 18.
Locomotive sander. J. Frantz. 1,442,061; Jan. 16.
Locomotive-smoke-box front. A. T. Kuehner. 1,461,315; July 10.
Locomotive stake. P. Warren. 1,474,658; Nov. 20.

Locomotive, Steam-driven. H. Boltshauser. 1,465,111; Aug. 14.
Locomotive, Steam-turbine-driven. H. Boltshauser. 1,464,024; Aug. 7.
Locomotive stoker. E. Pierce. 1,478,395; Dec. 25.
Locomotive stokers, Crusher apparatus for. F. Koenig. 1,445,628; Feb. 20.
Locomotive, Superheat. H. M. Williams and J. W. Dean. 1,443,970; Feb. 6.
Locomotive superheater. M. M. Crowley. 1,476,150; Dec. 4.
Locomotive tenders, Water-supply device for. C. E. Rice. 1,457,715; June 5.
Locomotive terminal, Railway. S. Otis. 1,441,699: Jan. 9.
Locomotive, Turbine-driven. F. Ljungström. 1,461,278; July 10.
Locomotive water column. W. M. Gray. 1,462,134; July 17.
Locomotive-wheel-hub liner. J. B. Michael. 1,452,165; Apr. 17.
Locomotive windows, Protecting hood for. P. C. Southworth. 1,443,852; Jan. 30.
Locomotives and the like, Adjustable guide for crossheads of. H. Shinn. 1,475,453; Nov. 27.
Locomotives and the like, Driving-wheel box for. J. F. Byrne. 1,477,625; Dec. 18.
Locomotives and the like, Safety appliance for. W. M. Campbell and M. S. Smith. 1,449,971; Mar. 27.
Locomotives and the like, Smoke-discharging means for. L. Schodder. 1,464,297; Aug. 7.
Locomotives, Apparatus for operating booster-supplemented. M. H. Roberts. 1,476,729; Dec. 11.
Locomotives, Automatic blower for. F. A. Gale. 1,466,371; Aug. 28.
Locomotives, Automatic drifting device for. B. L. Hanson. 1,464,278; Aug. 7.
Locomotives, Booster motor for. H. L. Ingersoll. 1,470,082; Oct. 9.
Locomotives, Coupling for equalizing apparatus for. G. C. Abbe. 1,457,132; May 29.
Locomotives, Draft device for. R. R. Kohn. 1,458,766; June 12.
Locomotives, Draft-producing device for. E. Prat. 1,445,800; Feb. 20.
Locomotives, Drifting mechanism for. H. L. Ryman. 1,449,199; Mar. 20.
Locomotives, Driving connection for. G. H. F. Holy. 1,472,173; Oct. 30.
Locomotives, Metallic signal for. L. L. Hoffman. 1,456,777; May 29.
Locomotives, Safety attachment for. W. C. Patterson. 1,462,619; July 24.
Locomotives, Spark arrester for railway. F. H. Cordis. 1,444,306; Feb. 6.
Locomotives, Superheater for. H. L. Ingersoll and T. L. Burton. 1,450,178; Apr. 3.
Locomotives, Throttle-operating mechanism for. C. T. Phipps. 1,464,774; Aug. 14.
Locomotives, Variable exhaust nozzle for. V. Z. Caracristi. 1,466,788; Sept. 4.
Locomotives, Water-purifying system for. F. Wagner. 1,474,218; Nov. 13.
Logarithmical graduations, Slide rule with. P. Jaray. 1,475,999; Dec. 4.
Log-barking machine. N. E. Ward. 1,478,193; Dec. 18.
Log-carriage-offsetting mechanism. S. Erb. 1,452,149; Apr. 17.
Log handles, Friction device for. J. M. McLaughlin. 1,472,726; Oct. 30.
Log hauler. F. Cook. 1,442,558; Jan. 16.
Log-loading device. O. V., F. T., and A. J. Brown. 1,447,201; Mar. 6.
Log-loading jack. W. A. Archibald. 1,475,559; Nov. 27.
Logging bull hook. O. A. Wirkala. 1,460,808; July 3.
Logging choker rigging. O. A. Wirkkala. 1,464,161; Aug. 7.
Logging engine. O. A. Wirkkala. 1,461,338; July 10.
Logging hook, Safety. M. A. Shinskie. 1,464,665; Aug. 14.
Logging hooks, Safety lock for. O. Mickelson. 1,457,987; June 5.
Lookout or doorpeep. F. Laibach. 1,461,487; July 10.
Loom. E. Bloom. 1,460,050; June 26.
Loom. E. M. de Neergaard. 1,445,493; Feb. 13.
Loom. E. F. Dunn. 1,475,261; Nov. 27.
Loom. J. T. Fitzpatrick. 1,449,814; Mar. 27.
Loom. F. C. Hall and J. Townson. 1,455,048; May 15.
Loom. C. F. Lavalle. 1,462,603; July 24.
Loom. L. Strohacker. 1,445,419; Feb. 13.
Loom. R. G. Turner. 1,441,611; Jan. 9.
Loom. J. C. Upton. 1,452,057; Apr. 17.
Loom attachment. J. L. Davis and L. D. Cooley. 1,463,614; July 31.
Loom attachment. A. L. Remington and F. W. Kiessling. 1,468,576; Sept. 18.
Loom, Automatic. J. Northrop. 1,463,435; July 31.
Loom, Axminster. C. H. Collins. 1,443,729; Jan. 30.
Loom, Circular. J. S. Wilson. 1,472,029; Oct. 23.
Loom, Circular-weaving. S. B. Crespi. 1,444,590; Feb. 6.
Loom, Cross-weaving. C. Lea. 1,447,351; Mar. 6.
Loom, Feeler. J. Northrop. 1,463,292; July 31.
Loom, Feeler. J. Northrop. 1,466,847; Sept. 4.
Loom, Fence. J. W. Snedeker. 1,475,324; Nov. 27.
Loom, Filling-replenishing. C. Belisle. 1,446,445; Feb. 27.
Loom, Filling-replenishing. I. Snow. 1,445,646; Feb. 20.
Loom for and weaving fabrics. C. A. Cook. 1,448,830; Mar. 20.
Loom for hand weaving. M. Hryz. 1,464,847; Aug. 14.
Loom for weaving terry fabrics. J. Corrigan. 1,444,951; Feb. 13.
Loom for weaving tufted fabrics. A. Davis. 1,458,976; June 19.
Loom for weaving velvet pile carpets and other pile fabrics. J. E. Grosvenor and W. T. Picking. 1,463,886; Aug. 7.
Loom, Haircloth. H. M. Schadewald. 1,469,338; Oct. 2.
Loom heddle frame. W. J. Minville. 1,470,862; Oct. 16.
Loom, Kindergarten. A. T. Schneidewendt. 1,448,154; Mar. 13.
Loom, Narrow-ware. E. R. Holmes. 1,462,549; July 24.
Loom picker. H. I. Emmons. 1,442,388; Jan. 16.
Loom picker-retaining device. E. H. Hannon. 1,441,802; Jan. 9.
Loom pickers, Buffer check for. J. J. Kurtz. 1,462,508; July 24.
Loom reed. L. Strohacker. 1,453,533; May 1.
Loom shuttle. J. W. Booth and T. C. Corlass. 1,475,679; Nov. 27.
Loom shuttle-box front guard and guide plate, Combined. P. J. Jones. 1,475,633; Nov. 27.
Loom, Shuttle-changing. A. J. Chevrette. 1,477,995; Dec. 18.
Loom, Shuttle-changing. E. H. Ryon. 1,476,847; Dec. 11.
Loom shuttles, Filling guiding and tension mechanism for. T. E. Norman. 1,475,919; Nov. 27.
Loom take-up mechanism. G. W. Spalding. 1,465,693; Aug. 21.
Loom temple. W. W. Robertson. 1,477,977; Dec. 18.
Loom warp stop motion. C. H. Draper. 1,446,643; Feb. 27.
Loom, Weft-replenishing. N. Caron. 1,461,861; July 17.
Loom, Weft-replenishing. H. H. Gove. 1,440,981; Jan. 2.
Loom, Wire-fence. J. W. Dwiggins. 1,465,761; Aug. 21.
Loom with device for reading weaving drawings, Hand. G. Witte. 1,451,641; Apr. 10.
Looms, Attachment for pile-fabric. M. R. Birmingham. 1,444,232–3; Feb. 6.
Looms, Battery feed for automatic. E. V. Mosley. 1,466,542; Aug. 28.
Looms, Check spring for. H. F. Lavigne and A. Gaudreau. 1,443,225; Jan. 23.
Looms, Checkstrap holder for. W. F. Sink and G. W. Chaney. 1,476,427; Dec. 4.
Looms, Cloth roll for. H. A. Davis. 1,475,622; Nov. 27.
Looms, Device for releasably locking the loose reeds of power. R. Derrer. 1,458,036; June 5.
Looms, Drag roll for. J. H. Hook. 1,464,484; Aug. 7.
Looms, Feeler for. C. H. Warren. 1,474,985; Nov. 20.
Looms, Feeler mechanism for. C. D. Brown. 1,453,828; May 1.
Looms, Feeler mechanism for. C. D. Brown. 1,471,305; Oct. 16.
Looms, Feeler mechanism for. H. E. Dill. 1,453,451; May 1.
Looms, Feeler mechanism for. E. T. Gilman. 1,461,872; July 17.
Looms, Feeler mechanism for. P. J. Hunt. 1,453,841; May 1.
Looms, Feeler mechanism for. S. S. Jackson. 1,477,126; Dec. 11.
Looms, Feeler mechanism for. A. J. Roose. 1,458,311; June 12.
Looms, Feeler mechanism for. I. Snow. 1,445,647; Feb. 20.
Looms, Feeler mechanism for. I. Snow. 1,454,343; May 8.
Looms, Feeler mechanism for. I. Snow. 1,463,131; July 24.
Looms, Feeler mechanism for. I. Snow. 1,478,264; Dec. 18.
Looms, Feeler mechanism for. E. S. Stimpson. 1,445,649; Feb. 20.
Looms, Feeler mechanism for. W. I. Stimpson. 1,469,759; Oct. 2.
Looms, Filling-carrier support for. A. E. Rhoades. 1,452,655; Apr. 24.
Looms, Filling, clamping, and parting means for. A. E. Rhoades. 1,449,550; Mar. 27.
Looms, Filling-control mechanism for. G. B. Ambler. 1,476,480; Dec. 4.
Looms, Filling-end controller for. C. H. Draper. 1,463,203; July 31.
Looms, Filling-feeler mechanism for. S. S. Jackson. 1,442,571–3; Jan. 16.
Looms, Filling-feeler mechanism for. S. S. Jackson. 1,447,724; Mar. 6.
Looms, Filling-feeler mechanism for. I. Snow. 1,466,855; Sept. 4.
Looms, Filling-fork grid for. N. Knight. 1,460,589; July 3.
Looms, Friction release for Axminster. L. B. Jenckes. 1,470,007; Oct. 9.
Looms, Grinding mechanism for the shear blades of tuft-fabric. E. F. Hathaway. 1,469,755; Oct. 2.

Alphabetical list of inventions—Continued.

Looms, Harness mechanism for. P. G. Gielen. 1,475,546; Nov. 27.
Looms, Harness motion for. E. M. Ek. 1,475,476; Nov. 27.
Looms, Jacquard mechanism for. E. T. Knight. 1,443,957; Feb. 6.
Looms, Knife for pile-fabric. T. Bachofen. 1,443,670; Jan. 30.
Looms, Let back for pick ratchet. A. Pontz. 1,449,835; Mar. 27.
Looms, Let-off mechanism for. R. H. Gilfillan. 1,463,207; July 31.
Looms, Let-off mechanism for. N. R. Wright. 1,471,438; Oct. 23.
Looms, Letting-off mechanism for. W. Simmchen. 1,469,701; Oct. 2.
Looms, Locking device for the take-up mechanism of. S. Came. 1,457,651; June 5.
Looms, Lug strap for. B. F. Early. 1,471,110; Oct. 16.
Looms, Pattern-chain roll for. C. M. Whitmore. 1,471,715; Oct. 23.
Looms, Pick counter for. A. H. Morton. 1,478,903; Dec. 25.
Looms, Picker-stick check for. J. Northrop. 1,470,539; Oct. 9.
Looms, Pile-forming wire for pile fabric. J. Kaufmann. 1,464,181; Aug. 7.
Looms, Pipe attachment for steam. O. F. McEnaney. 1,460,972; July 3.
Looms, Positive let-off motion for. J. A. Porter. 1,454,767; May 8.
Looms, Reed for. P. A. Wagner. 1,461,547; July 10.
Looms, Reed for weaving. C. T. Mace. 1,449,686; Mar. 27.
Looms, Rotary cutter for pile-fabric. T. Bachofen. 1,443,671; Jan. 30.
Looms, Selvage guard for. C. M. H. Leighton. 1,454,787; May 8.
Looms, Shuttle box for pile-fabric. W. W. Robertson. 1,476,843; Dec. 11.
Looms, Shuttle-box tension-controlling mechanism for. C. H. Draper. 1,476,442–3; Dec. 4.
Looms, Shuttle-check means for. H. I. Emmons. 1,472,296; Oct. 30.
Looms, Shuttle for automatic filling-replenishing. T. H. McGowan, sr. 1,446,512; Feb. 27.
Looms, Shuttle-guide block for narrow-ware. J. S. Mann. 1,469,844; Oct. 9.
Looms, Stop mechanism for rotary box. J. E. Wagemans and G. Ledewyn. 1,460,003; June 26.
Looms, Take-up mechanism for. J. Northrop. 1,446,655; Feb. 27.
Looms, Take-up mechanism for. J. Northrop. 1,463,226; July 31.
Looms, Thread-cutting temple for. M. N. Smith. 1,449,558; Mar. 27.
Looms, Throw-off mechanism for ribbon. J. Bresch. 1,475,047; Nov. 20.
Looms, Tube feeding chain mechanism for Axminster. E. E. Clark. 1,472,459; Oct. 30.
Looms, Tube frame for Axminster. C. H. Collins. 1,452,791; Apr. 24.
Looms, Tuft-yarn spool for. H. D. Clinton. 1,462,192; July 17.
Looms, Vibrator lever for. W. M. Wattie. 1,451,797; Apr. 17.
Looms, Warp stop mechanism for. B. D. L. Ellison. 1,478,210; Dec. 18.
Looms, Warp stop mechanism for. E. S. Stimpson. 1,469,758; Oct. 2.
Looms, Warp stop mechanism for. E. S. Stimpson. 1,478,265; Dec. 18.
Looms, Warp stop motion for. A. E. Rhoades. 1,464,485; Aug. 7.
Looms, Warp stop motion for. I. Snow. 1,472,500; Oct. 30.
Looms, Warp-tensioning device for. W. Ebell. 1,470,716; Oct. 16.
Looms, Weft-cutting mechanism for. H. H. Gove. 1,448,660; Mar. 13.
Looms, Weft-replenishing mechanism for. J. Whittaker, R. Bradshaw, and J. Briggs. 1,450,623; Apr. 3.
Looms, Wire head for. O. J. and F. Pickard. 1,462,920; July 24.
Loop coupling. J. Madsen. 1,446,714; Feb. 27.
Loop or grommet, Endless. W. E. Somerville. 1,463,978; Aug. 7.
Looper. H. A. Cumfer. 1,459,048; June 19.
Loose-leaf connection. F. L. Martin. 1,461,669; July 10.
Loose material, Apparatus for handling. C. E. Davis. 1,464,521; Aug. 14.
Loud-speaking receiver. C. W. Heck. Des. 62,986; Sept. 4.
Lounge and deck chairs, Awning for. W. H. Mackenzie. 1,443,921; Jan. 30.
Lounge, Day-bed. J. H. Levin. 1,455,215; May 15.
Louver, Metal. G. Burkhardt. 1,442,045; Jan. 16.
Lowering device. C. F. Davy. 1,452,070; Apr. 17.
Lowering jack, Self-. C. W. Ripsch and J. C. Dawley. 1,454,029; May 1.
Lubricant. J. A. Burton. 1,462,799; July 24.
Lubricant and preparing same. R. G. Pelly. 1,463,092; July 24.
Lubricant compressor. N. W. Cummins. 1,478,848; Dec. 25.
Lubricant demonstrator. H. A. Nealley. 1,452,569; Apr. 24.
Lubricant-supplying magazine, Automatic. B. H. Skelly. 1,477,459; Dec. 11.
Lubricants, Forming composite. D. K. Dodge. 1,477,635; Dec. 18.
Lubricants from low-temperature tar, Manufacture of. E. Eichwald and H. E. R. Vogel. 1,450,026; Mar. 27.
Lubricating and cleaning system, Chassis. J. L. Fay. 1,451,388; Apr. 10.
Lubricating apparatus. E. W. Davis. 1,465,254; Aug. 21.
Lubricating apparatus. E. P. Larsh. 1,444,924; Feb. 13.
Lubricating apparatus. E. P. Larsh. 1,451,701; Apr. 17.
Lubricating apparatus. R. B. Williamson. 1,460,353; June 26.
Lubricating apparatus. F. D. Winkley. 1,463,861; Aug. 7.
Lubricating apparatus. O. Zerk. 1,475,980; Dec. 4.
Lubricating, cleaning, and painting apparatus. F. A. Bannon. 1,460,695; July 3.
Lubricating compound. S. A. Bullock. 1,449,379; Mar. 27.
Lubricating compound. R. P. Judd. 1,449,608; Mar. 27.
Lubricating compound. H. Kurata. 1,466,022; Aug. 28.
Lubricating compound. M. C. Van Gundy. 1,477,611; Dec. 18.
Lubricating cup. J. G. Mueller, C. A. and H. M. Granzow. 1,455,849; May 22.
Lubricating device. C. A. Bacon. 1,452,775; Apr. 24.
Lubricating device. E. R. Bales. 1,463,661; July 31.
Lubricating device. N. W. Cummins. 1,465,253; Aug. 21.
Lubricating device. D. F. Fesler. 1,441,334–5; Jan. 9.
Lubricating device. D. F. Fesler. 1,454,922; May 15.
Lubricating device. L. M. Hale. 1,462,174; July 17.
Lubricating device. D. L. Lawson. 1,471,038; Oct. 16.
Lubricating device. R. T. Newton. 1,463,765; July 31.
Lubricating device. H. C. Shamblin. 1,458,895; June 12.
Lubricating device. B. H. Sherwood. 1,444,399; Feb. 6.
Lubricating device. J. B. Strauss. 1,443,101; Jan. 23.
Lubricating device. R. I. Young. 1,469,760; Oct. 2.
Lubricating device, Cable-. A. S. Andersen. 1,471,583; Oct. 23.
Lubricating device for springs. L. F. Mustee. 1,449,241; Mar. 20.
Lubricating device for remote movable and other parts, Automatic. J. V. Rice, jr. 1,456,009; May 22.
Lubricating device, Spring-. J. M. Jackson. 1,454,116; May 8.
Lubricating means. D. F. Fesler. 1,477,252; Dec. 11.
Lubricating mechanism. S. Y. Monckton. 1,456,327; May 22.
Lubricating protector, Spring. A. R. Ulp. 1,453,421; May 1.
Lubricating shackle bolt. C. G. Butler. 1,468,656; Sept. 25.
Lubricating system. A. P. Anderson. 1,465,620; Aug. 21.
Lubricating system. E. H. Belden. 1,459,815; June 26.
Lubricating system. C. E. Bonner. 1,459,819; June 26.
Lubricating system. A. P. Brush. 1,466,445; Aug. 28.
Lubricating system. E. W. Davis. 1,462,689; July 24.
Lubricating system. C. Finnell. 1,455,244; May 15.
Lubricating system. P. H. Gaskins. 1,478,513; Dec. 25.
Lubricating system. R. H. Hooe. 1,444,970; Feb. 13.
Lubricating system. C. W. Manzel. 1,459,662; June 19.
Lubricating system. C. A. Parsons, S. S. Cook, and L. M. Douglas. 1,465,171–2; Aug. 14.
Lubricating system. J. Scheminger, jr. 1,442,788; Jan. 16.
Lubricating system. B. H. Skelly. Re15,675; Aug. 14.
Lubricating system and apparatus. W. M. S. Kilgour. 1,460,383; July 3.
Lubricating system and apparatus. J. W. Peterson and F. L. Swanberg. 1,442,093; Jan. 16.
Lubricating system, Automatic. J. H. Rooney. 1,466,251; Aug. 28.
Lubricating system, Splash. L. M. and M. A. Endres. 1,468,778; Sept. 25.
Lubricating tubes, Cleaning attachment for Ford. J. A. Renstrom. 1,442,825; Jan. 23.
Lubrication coupling. P. C. Smith. 1,468,040; Sept. 18.
Lubrication, Means of. O. W. Gerleman. 1,474,819; Nov. 20.
Lubrication record. S. S. Emery. 1,460,576; July 3.
Lubrication system. H. F. Schmidt. 1,466,731; Sept. 4.
Lubrication system. E. O. Sterns. 1,464,734; Aug. 14.
Lubrication system, Forced-. C. A. Parsons and S. S. Cook. 1,464,828; Aug. 14.
Lubrication systems, Indicator for forced-. O. Winter. 1,468,548; Sept. 18.
Lubricator; *See*—
Journal lubricator. Vehicle spring lubricator.
Vacuum lubricator.
Lubricator. H. F. Bickel and B. J. Minnier. 1,446,412; Feb. 20.
Lubricator. J. L. Downs. 1,455,868; May 22.
Lubricator. W. E. Farley. 1,470,068; Oct. 9.
Lubricator. N. Paquette. 1,451,710; Apr. 17.
Lubricator. F. M. Roby. 1,476,466; Dec. 4.
Lubricator. C. Sanner. 1,448,041; Mar. 13.

Lubricator. H. J. Shavers. 1,455,272; May 15.
Lubricator. C. Verniaud. 1,454,002; May 1.
Lubricator. J. L. Wayne, 3d. Re. 15,526; Jan. 9.
Lubricator. R. H. Yale. 1,468,550; Sept. 18.
Lubricator, Automatic. G. L. Moore. 1,475,591; Nov. 27.
Lubricator cup. O. Stegmann. 1,477,672; Dec. 18.
Lubricator cup. C. F. Wray. 1,451,854; Apr. 17.
Lubricator for tailstock centers. F. Müller. 1,477,182; Dec. 11.
Lubricator or oiler, Flange. L. N. Vincent. 1,448,242; Mar. 13.
Lubricator provided with a distributing roller rotating within an oil reservoir and a device for obtaining a permanently uniform oil level within such reservation. A. Grützner. 1,456,306; May 22.
Lubricator, Spring. W. Metzger. 1,475,270; Nov. 27.
Lubricators, Distributor for. T. E. Coleman. 1,468,802; Sept. 25.
Lubricators, Indicating device for. J. A. Renstrom. 1,442,826; Jan. 23.
Lug and pedal-shaft support, Chatterless. O. W. Gorenflo. 1,452,910; Apr. 24.
Lug closure, Liner-plate. C. Hammer. 1,465,079; Aug. 14.
Lug, Mud. G. F. Abbott and C. A. Sands. 1,441,198; Jan. 9.
Lug, Mud. H. R. Eder. 1,470,819; Oct. 16.
Lug, Mud. E. J. Lahan. 1,458,305; June 12.
Lug, Mud. R. L. Stockard. 1,468,582; Sept. 18.
Lug picker, Alligator. A. A. Matheson. 1,445,969; Feb. 20.
Lug ring. A. T. J. Bahr. 1,451,804; Apr. 17.
Lug shield. O. P. Whitson. 1,467,215; Sept. 4.
Lug, Switch. D. A. Pickens. 1,457,266; May 29.
Luggage carrier. E. E. Conine. 1,461,008; July 3.
Luggage carrier. J. W. Gorrell. 1,465,515; Aug. 21.
Luggage carrier. J. J. Hanrahan. 1,455,023; May 15.
Luggage carrier. V. C. Johnson. 1,441,586; Jan. 9.
Luggage carrier. R. C. Stewart. 1,478,304; Dec. 18.
Luggage carrier. J. W. Whiteside. 1,461,373; July 10.
Luggage carrier and rear bumper. W. G. Engle. 1,468,779; Sept. 25.
Luggage carrier and tire rack. C. J. Hepting. 1,452,970; Apr. 24.
Luggage carrier, Collapsible. F. M. Stoll. 1,442,914; Jan. 23.
Lumber, Apparatus for drying. R. F. Jenkinson. 1,461,393; July 10.
Lumber carrier. C. F. Gerlinger. 1,457,025; May 29.
Lumber, Composite. F. J. Walsh and R. L. Watts. 1,465,383; Aug. 21.
Lumber drier. K. D. Sykes. 1,477,985; Dec. 18.
Lumber, Drying apparatus for. T. C. Lazier. 1,464,323; Aug. 7.
Lumber elevator. M. Jackson. 1,471,468; Oct. 23.
Lumber moving and storage means. R. Z. Drake. 1,471,149; Oct. 16.
Lumber or beam structure, Composite. G. H. Jones. 1,444,466; Feb. 6.
Lumber sorter. J. M. Leaver and J. M. Leaver, jr. 1,466,909; Sept. 4.
Lumber trailer. J. J. Regan. 1,443,760; Jan. 30.
Lumber-transporting device. L. Nordström. 1,466,547; Aug. 28.
Lumber trimmer, Automatic. C. W. Willette. 1,454,992; May 15.
Luminescent tube. F. J. Metzger. 1,467,187; Sept. 4.
Luminous compounds, Application of. L. C. Bilstein. 1,467,132; Sept. 4.
Luminous indicator. E. W. Day. 1,474,816; Nov. 20.
Luminous indicator. J. F. Hearn. 1,466,286; Aug. 28.
Lunch box. H. Olshan. 1,451,468; Apr. 10.
Lunch box, Folding. R. L. Brazee. 1,462,225; July 17.
Lunch box, table, and bench, Combined. R. Schaefer. 1,446,519; Feb. 27.
Lunch case, Autotable. O. and S. Brown. 1,444,455; Feb. 6.
Lunch heater and carrier. J. Weiss. 1,463,411; July 31.
Lung protector. R. Grier. 1,474,710; Nov. 20.
Lure, Casting. M. S. Dunkelberger. 1,457,926; June 5.
Lure, Fish. G. H. Hines. 1,474,823; Nov. 20.
Lyes, Obtaining tanning material from cellulose waste sulphite. A. Römer. 1,441,243; Jan. 9.
Macaroni and the like, Mechanism for cutting and translating. F. A. N. Cuccia. 1,475,801; Nov. 27.
Macaroni die. G. Tanzi. 1,461,504; July 10.
Macaroni drier. M. E. Fontana. 1,445,011; Feb. 13.
Machine-control mechanism. C. H. Gill. 1,462,808; July 24.
Machine element. W. F. Gehrig. 1,464,815; Aug. 14.
Machine element. C. F. Pearson. 1,467,449; Sept. 11.
Machine elements, Means for making. A. J. Fisher. 1,477,640; Dec. 18.
Machine elements to one another, Means to secure. C. F. Schnebelin. 1,449,365; Mar. 20.
Machine for feeding and distributing containers. M. F. Phelps. 1,476,023; Dec. 4.
Machine synchronizing system. F. Stevens. 1,446,436; Feb. 20.
Machine-table-reversing mechanism. G. Brown and A. Turner. 1,456,968; May 29.
Machine tool. G. E. Hallenbeck. 1,473,624; Nov. 13.
Machine tool. R. C. Monahan. 1,463,764; July 31.
Machine tool. F. S. Shields and J. A. Camm. 1,441,760; Jan. 9.
Machine tool, Automatic. W. N. Stevens. 1,453,732; May 1.
Machine tool, Automatic. J. J. N. Van Hamersveld. 1,449,464–5; Mar. 27.
Machine tool, chuck, and chucking system. C. R. Pratt. 1,465,234; Aug. 14.
Machine tools and the like, Speed control for. B. S. Pero. 1,462,354; July 17.
Machine tools, Feeding and chucking mechanism for. E. J. Hornberger. 1,454,643; May 8.
Machine tools, Means for indicating and measuring the travel of moving parts of. J. R. C. Kearns. 1,467,043; Sept. 4.
Machine tools, Turret head for. E. A. Muller. 1,474,438; Nov. 20.
Machinery, Apparatus for balancing. F. Lawaczeck and H. Heymann. 1,457,629; June 5.
Machinery, Portable leveling apparatus for mounted. W. H. Wylie. 1,450,196; Apr. 3.
Magazine, Detonator. A. M. James. 1,455,492; May 15.
Magazine rack. A. B. Wendel. 1,462,434; July 17.
Magazines and the like, Binder for. E. F. Dally 1,448,914; Mar. 20.
Magnesia refractory. W. W. Greenwood. 1,461,444; July 10.
Magnesia spinel and manufacture, Artificial. F. J. Tone. 1,448,010; Mar. 13.
Magnesite, Treating. R. D. Pike. 1,449,696; Mar. 27.
Magnesium and alloys comprising the same, Treating. E. Wollner and F. Thomas. 1,477,922; Dec. 18.
Magnesium, Making. G. Hutchinson. 1,457,225; May 29.
Magnesium nitrate, Producing. V. M. Goldschmidt. 1,454,583; May 8.
Magnet and dynamo-electric-machine structure. R. B. Williamson. 1,458,120; June 5.
Magnet frame. J. Burke. 1,456,120; May 22.
Magnet, Lifting. F. W. Jessop. 1,459,830; June 26.
Magnet manipulator. H. S. Evans and G. L. Fisk. 1,466,823; Sept. 4.
Magnetic coil. H. N. Bowman. 1,472,631; Oct. 30.
Magnetic concentrator. E. W. Davis. 1,474,624; Nov. 20.
Magnetic coupling. M. E. Thompson. 1,446,225; Feb. 20.
Magnetic holder-on. W. Meyer. 1,452,841; Apr. 24.
Magnetic material, Treatment of. W. Fondiller. 1,462,035; July 17.
Magnetic materials, Separating. O. Brophy. 1,453,699; May 1.
Magnetic materials, Treatment of. W. Fondiller. 1,463,807; Aug. 7.
Magnetic repulsion or attraction relay. C. E. Chaney. 1,447,236; Mar. 6.
Magnetic separator. A. Dings. 1,459,147; June 19.
Magnetic separator. A. F. Jobke. 1,462,111; July 17.
Magnetic separator. W. G. Swart. 1,475,457; Nov. 27.
Magnetic suspension. H. E. Warren. 1,462,433; July 17.
Magnetizable objects, Method of and apparatus for testing. C. W. Burrows. 1,459,970; June 26.
Magnetizing apparatus. A. G. Palmer. 1,477,847; Dec. 18.
Magnetizing bodies. E. Kuhn-Frei. 1,460,759; July 3.
Magnetizing device. E. S. Pridham and P. L. Jensen. 1,444,524; Feb. 6.
Magneto. B. Ames. 1,456,113; May 22.
Magneto. H. Andreino. 1,442,512; Jan. 16.
Magneto. P. W. Fuller. 1,468,500; Sept. 18.
Magneto. H. F. Geist. 1,446,040; Feb. 20.
Magneto. H. F. Geist. 1,456,001; May 22.
Magneto. H. J. Moran. 1,441,019; Jan. 2.
Magneto. G. Natoli. 1,460,763; July 3.
Magneto. W. E. Schwarzmann. 1,457,463; June 5.
Magneto. W. E. Schwarzmann. 1,473,255; Nov. 6.
Magneto contacts, Holder for. L. A. Loundagin. 1,470,993; Oct. 16.
Magneto drives, Adjustable coupling for. G. D. Angle. 1,454,594; May 8.
Magneto ignition device. J. K. Leibing. 1,461,128; July 10.
Magneto ignition system. C. F. Kettering. 1,463,958; Aug. 7.
Magneto ignition system. C. H. Tower. 1,477,789; Dec. 18.
Magnetos, Actuating mechanism for. P. Brown. 1,472,545; Oct. 30.
Magnetos, Driving attachment for. A. Rosner. 1,468,883; Sept. 25.
Magnetos, Ignition-starting device for ignition. V. Boscato. 1,445,661; Feb. 20.
Magnetos, Trip finger for. P. Brown and I. E. Hendrickson. 1,472,546; Oct. 30.
Magnetos, Trip lever for oscillating. A. Rosner. 1,470,933; Oct. 16.
Magnetos with two simultaneous sparks, Distributing brush holder for. P. J. R. Postel-Vinay. 1,444,084; Feb. 6.
Magnifier, Adjustable. C. S. Stone. 1,470,890; Oct. 16.
Mail and other units, Feeding and imprinting mechanism for. A. J. Briggs. 1,452,867; Apr. 24.
Mail-assembling machine. C. C. Cadden. 1,442,126; Jan. 16.

Mail-assorting machine. G. F. Wittum. 1,465,773; Aug. 21.
Mail-bag catcher. W. F. Bechtel. 1,458,022; June 5.
Mail-bag catcher and deliverer. H. F. Anderson. 1,474,101; Nov. 13.
Mail-bag catcher and deliverer, Automatic. W. Davis. 1,470,427; Oct. 9.
Mail-bag catching and delivery apparatus. J. M. Kerr. 1,469,091; Sept. 25.
Mail-bag-delivering apparatus. O. N. Braun, L. F. Nichols, and E. L. Underwood. 1,469,405; Oct. 2.
Mail-bag delivery and receiving crane. H. Barlow and J. E. H. Mathies. 1,452,234; Apr. 17.
Mail box. R. E. Carlson and J. M. Gerster. 1,440,529; Jan. 2.
Mail box. A. Koenig. 1,471,899; Oct. 23.
Mail box. A. G. Maxey. 1,474,424; Nov. 20.
Mail box. T. F. Murphy. 1,459,031; June 19.
Mail box. J. A. Nicholas. 1,469,730; Oct. 2.
Mail box, Compartment. G. T. Biffle. 1,445,658; Feb. 20.
Mail box, Residence. E. A. Hoehn. 1,465,218; Aug. 14.
Mail box, Rural. J. R. Jewett, jr. 1,451,876; Apr. 17.
Mail-box support. C. Cook. 1,467,607; Sept. 11.
Mail-box support. E. Davis. 1,460,054; June 26.
Mail boxes, Signal attachment for. W. A. McDowell. 1,458,836; June 12.
Mail carrier. A. A. Stewart. 1,447,693; Mar. 6.
Mail catcher. J. J. Fuehrer. 1,474,074; Nov. 13.
Mail chute. J. J. Cusick. 1,450,139; Mar. 27.
Mail crane. J. Z. Mast. 1,472,732; Oct. 30.
Mail-distributing apparatus. A. J. Briggs. 1,453,125; Apr. 24.
Mail-distributing system. F. Churchill. 1,446,693; Feb. 27.
Mail distributor. C. P. Walker. 1,471,370; Oct. 23.
Mail pouch. E. J. Sheridan. 1,475,603; Nov. 27.
Mail-pouch catching and delivering device. C. J. M. Weber and A. Olson. 1,475,418; Nov. 27.
Mail receptacle. N. Panagopolous. 1,451,343; Apr. 10.
Mail transfer, Intraairplane. L. C. Weinberg and H. E. Brannon. 1,474,457; Nov. 20.
Mailable matter, Device for securing. J. B. S. Blitch. 1,459,716; June 26.
Mailing device. E. N. Farkas. 1,467,148; Sept. 4.
Mailing device. J. T. McKenzie, jr. 1,445,524; Feb. 13.
Mailing form, Combination. E. P. Shurick. 1,472,142; Oct. 30.
Mailing receptacle. J. E. Hawley. 1,460,322; June 26.
Mailing tube. J. A. Albertoni. 1,473,393; Nov. 6.
Mailing tube. A. A. Banks. 1,440,957; Jan. 2.
Mailing tube. R. T. Dodge. 1,457,770; June 5.
Mailing tube. J. Loufek. 1,459,783; June 26.
Mailing wrapper. H. L. Greve. 1,473,576–7; Nov. 6.
Make and quick-break knife switch, Manually-controlled quick-. H. G. Pape. 1,455,931; May 22.
Make and quick-break switch, Double-throw quick-. H. G. Pape. 1,454,072; May 8.
Making sulphuric acid and apparatus therefor. F. G. Stantial. 1,457,676; June 5.
Mallet, Polo. C. C. Meurisse. 1,478,483; Dec. 25.
Malocclusion, Apparatus for correcting. C. K. Bird and H. B. Washburn. 1,468,731; Sept. 25.
Malt and sprouts, Making edible. K. Abe. 1,454,422; May 8.
Malt extract and producing same, Desiccated. E. D. Rogers. 1,474,381; Nov. 20.
Mandrel. N. E. Gough. 1,477,054; Dec. 11.
Mandrel. W. Jenkins. 1,445,139; Feb. 13.
Mandrel. O. E. Kent. 1,451,699; Apr. 17.
Mandrel. O. E. Kent. 1,468,270; Sept. 18.
Mandrel and gauge, Combination. F. J. Sikorovsky. 1,455,973; May 22.
Mandrel and straightening press. J. G. Collins. 1,457,020; May 29.
Mandrel, Expansible. C. G. Naylor. 1,449,435; Mar. 27.
Mandrel extractor. R. M. de Vignier. 1,447,766–7; Mar. 6.
Mandrel, Winding. O. E. Cote. 1,450,717; Apr. 3.
Manganese scrap. Electric furnace melting of. W. G. Nichols. 1,460,106; June 26.
Manganiferous material, Purification of. H. de Olaneta. 1,448,110; Mar. 13.
Mangers, Division for animal. A. H. Neller. 1,457,850; June 5.
Mangle attachment. E. Turner. 1,449,308; Mar. 20.
Mangle-heating device. A. L. Guesmer. 1,473,764; Nov. 13.
Mangle or quetch. C. Ugnon, J. Galoppa, and C. Saldarini. 1,452,715; Apr. 24.
Manhole cover. L. Crooke. 1,474,463; Nov. 20.
Manhole cover. R. R. Rust. 1,475,199; Nov. 27.
Manhole closure. T. H. Donohue. 1,447,286; Mar. 6.
Manhole door. G. G. Musted. 1,462,353; July 17.
Manhole-platform support. C. N. Conlee. 1,452,548; Apr. 24.
Manhole top. C. L. Lincoln. 1,447,256; Mar. 6.
Manholes and analogous devices, Cover for. T. J. Burton. 1,458,391; June 12.
Manicure article handle. J. Salm. Des. 62,247–9; Apr. 24.
Manicure article, Handle for a. J. Salm. Des. 62,555–6; June 19.
Manicure buffer. N. W. Chapman. 1,452,067; Apr. 17.
Manicure implement. J. O. Landis. Re15,663; July 31.
Manicure implement. J. O. Landis. 1,466,438; Aug. 28.
Manicure instruments, Case for. S. H. Kaufmann. 1,455,004; May 15.
Manicuring device. O. L. Bruce. 1,464,642; Aug. 14.
Manicuring tool. L. Boechat. 1,473,007; Nov. 6.
Manifold. A. J. Canova. 1,443,116; Jan. 23.
Manifold and preheater. O. H. Cloyd. 1,472,326; Oct. 30.
Manifold connection lock. L. B. Martin. 1,460,205; June 26.
Manifold cover. E. A. Conroy. 1,466,089; Aug. 28.
Manifold, Extension. A. Nelson. 1,452,213; Apr. 17.
Manifold heater. A. N. Armstrong. 1,467,281; Sept. 4.
Manifold heater. L. Flegal. 1,453,007; Apr. 24.
Manifold heater. W. T. Seitz. 1,454,866; May 15.
Manifold heater. A. E. Tausche. 1,475,356; Nov. 27.
Manifold heating device. T. G. Concannon and L. W. Peterson. 1,449,497; Mar. 27.
Manifold, Hot-spot. R. W. A. Brewer. 1,476,281; Dec. 4.
Manifold, Inlet. A. T. Kasley. 1,444,547; Feb. 6.
Manifold, Intake. A. C. Bennett. 1,463,035; July 24.
Manifold, Intake. F. Lundgren. 1,471,745; Oct. 23.
Manifold lock. M. P. H. Schroeder. 1,476,924; Dec. 11.
Manifolding. A. A. Johnson. 1,450,001; Mar. 27.
Manifolding and numbering device. J. Q. Sherman. 1,447,156; Feb. 27.
Manifolding machine. O. Schlichter. 1,447,897; Mar. 6.
Manifolding machine. J. Q. Sherman. 1,471,289; Oct. 16.
Manifolding machine, Flat-bed. J. Q. Sherman. 1,457,940; June 5.
Manifolding pack and holder. J. A. B. Smith. 1,451,791; Apr. 17.
Manifolding register. J. Q. Sherman. 1,452,660; Apr. 24.
Manifolds, Hot-air supply to intake. F. W. Schramm. 1,457,043; May 29.
Manipulator. I. D. Thomas and P. H. Douglas. 1,475,728; Nov. 27.
Manual tool. H. M. Forssberg. 1,441,194; Jan. 2.
Manufacturing connecting pins. E. M. Summerhays. 1,462,876; July 24.
Manure loader. H. J. Kracht. 1,443,416; Jan. 30.
Manure loader. L. L. Meyer. 1,469,660; Oct. 2.
Manure loader. F. E. Null. 1,457,668; June 5.
Manure loader and spreader, Combined. H. H. Varland. 1,463,492; July 31.
Manure, Refining organic matter used as. H. Krantz. 1,459,059; June 19.
Manure remover and spreader. H. C. and W. J. Wright. 1,471,302; Oct. 16.
Manure spreader. J. G. Bailey. 1,452,139; Apr. 17.
Manure-spreader body construction. G. N. Allen and E. H. Benway. 1,462,996; July 24.
Manure spreaders, Feed mechanism for. F. W. Zint. 1,471,087; Oct. 16.
Manures, Manufacture of phosphate. H. Plauson. 1,445,167; Feb. 13.
Map and operating mechanism therefor, Tourist. H. E. Wilder. 1,456,662; May 29.
Map and record holder. C. H. Sebree and G. C. Berlin. 1,460,610; July 3.
Map case. W. A. Hanses. 1,457,026; May 29.
Map-display device. A. J. Westman. 1,461,842; July 17.
Map-drawing machine. H. C. Campbell. 1,453,377; May 1.
Map, Globe. F. D. Hartman. 1,458,762; June 12.
Map holder, Automobile road-. H. Kelly. 1,476,256; Dec. 4.
Map holder, Road-. J. C. Prewitt. 1,447,322–3; Mar. 6.
Map, Transportation. G. W. R. Harriman. 1,448,960; Mar. 20.
Maps, charts, or the like, Holder for. A. E. Bloomfield and L. L. French. 1,443,558; Jan. 30.
Maple product. H. S. Paine and C. F. Walton, jr. 1,467,007; Sept. 4.
Marble shooter. J. S. Jaffe. 1,463,894; Aug. 7.
Marble shooter. T. J. Mahoney. 1,451,230; Apr. 10.
Margin indicator. U. B. White and H. N. Lawrie. 1,469,978; Oct. 9.
Marine boiler. R. Walsh. 1,463,933; Aug. 7.
Marine propulsion, Apparatus for. A. E. Beebe. 1,447,527; Mar. 6.
Marine transfer apparatus. G. A. Mickelson. 1,447,316; Mar. 6.
Marker. E. P. McOlvin. 1,476,629; Dec. 4.
Marker. F. A. Van Orden. 1,475,906; Nov. 27.
Marker. B. Yoshinaga. 1,455,160; May 15.
Marker, Grave. J. M. McComas. 1,467,391; Sept. 11.
Marking and measuring machine, Strip. F. J. Chapman and J. F. Brennan. 1,456,763; May 29.
Marking device. M. L. Garcin. 1,451,654; Apr. 10.
Marking machine. H. S. Bracken. 1,443,164; Jan. 23.
Marking machine. W. E. Choate. 1,453,442; May 1.
Marking machine. W. E. Howell. 1,450,776; Apr. 3.
Marking machine. D. W. Morley. 1,451,709; Apr. 17.
Marking machine, Automatic. E. G. Meyers. 1,453,985; May 1.
Marking machines, etc., Serial numbering mechanism for post-. W. H. Bowes. 1,447,753; Mar. 6.
Marking tool. K. Hirtschulz. 1,446,647; Feb. 27.
Mask, Breath. A. Fernandes. 1,463,390; July 31.
Mask, Gas. R. P. Mase. 1,474,205; Nov. 13.

Mask, Painter's. G. Phillips and P. Hanlon. 1,464,883; Aug. 14.
Masonic ring. L. Krauss. Des. 62,488; June 12.
Masonry structure. W. F. Wagner. 1,453,557; May 1.
Masonry, Tie for. D. Dunbar. 1,465,812; Aug. 21.
Massage device. J. O. Linden. 1,442,269; Jan. 23.
Massage device. J. O. Linden. 1,456,452; May 22.
Massage instrument. D. Gray. 1,478,388; Dec. 25.
Massaging apparatus with revolving eccentric sections. R. Kühn. 1,449,233; Mar. 20.
Massaging device. F. H. Auld. 1,452,106; Apr. 17.
Mat: *See*—
Floor mat. Table mat.
Link mat. Tread mat.
Sanitary foot mat.
Mat. W. L. Bockover and J. W. McNamara. 1,457,141; May 29.
Mat. A. C. Hayden. 1,441,580; Jan. 9.
Mat. A. C. Hayden. 1,465,550; Aug. 21.
Mat. A. C. Hayden. 1,477,173; Dec. 11.
Mat marking. C. J. Peterson. 1,470,186; Oct. 9.
Match. J. E. Bernstein. 1,445,476; Feb. 13.
Match. J. G. Newman. 1,453,229; Apr. 24.
Match and cigarette case, Combined. F. K. Ricksecker. 1,451,433; Apr. 10.
Match board. W. Seidel. 1,442,739; Jan. 16.
Match books, Machine for making. J. R. Nolan. 1,468,310; Sept. 18.
Match books, Machine for making. M. Paridon. 1,461,433–4; July 10.
Match box. A. Z. Brook. 1,459,278; June 19.
Match box. F. A. Fuller. 1,446,117; Feb. 20.
Match box. J. A. Hey. 1,461,146; July 10.
Match box. T. G. Lovegrove. 1,459,785; June 26.
Match box. D. B. Macdonald. 1,451,882; Apr. 17.
Match box. D. B. Macdonald. 1,451,953; Apr. 17.
Match box. L. S. Moore. 1,459,850; June 26.
Match box. W. Z. Musgrave. 1,476,633; Dec. 4.
Match box. S. Szastalo. 1,450,963; Apr. 10.
Match box. W. Zebra. 1,454,529; May 8.
Match-box attachment. A. G. Mackey. 1,463,517; July 31.
Match-box holder. A. Schiller. Des. 62,852; Aug. 7.
Match-box holder, Safety-. J. A. Obermaier. 1,458,239; June 12.
Match box, Pocket. J. Kirkbride. 1,444,251; Feb. 6.
Match box, Self-closing. R. Gonzalez. 1,457,275; May 29.
Match boxes, Apparatus for applying abrasive material or paint to the surface of. J. L. Gaffney. 1,447,540; Mar. 6.
Match case. J. Oppenheim. 1,471,912; Oct. 23.
Match case. S. Sprague. 1,459,696; June 19.
Match case and cigarette-paper holder, Combination. R. V. Draughon. 1,470,154; Oct. 9.
Match carrier, Pocket. C. F. Snyder. 1,465,187; Aug. 14.
Match container. S. A. Leane. 1,462,971; July 24.
Match container, Self-igniting-. J. Timmel. 1,460,870; July 3.
Match-dipping machines, Filling apparatus for. K. P. Gottschalk. 1,452,376; Apr. 17.
Match dispenser, Single-. A. Abbaticchio. 1,457,050; Jan. 29.
Match holder. C. L. Abbott. 1,443,199; Jan. 23.
Match holder, Rocking safety-. F. Pfous. Des. 63,121; Oct. 9.
Match-igniting device. W. J. Moshier. 1,462,978; July 24.
Match machines, Composition-applying device for book-. W. H. Shofter. 1,461,461; July 10.
Match-making machine. B. G. Vaughan. 1,465,031; Aug. 14.
Match plates, Guide for. W. Bock. 1,458,206; June 12.
Match pocket. A. W. Graham. 1,448,115; Mar. 13.
Match receptacle. F. A. Fuller. 1,471,331; Oct. 23.
Match safe. J. E. Neahr. 1,477,890; Dec. 18.
Match safe. C. Zeck. Des. 63,385; Nov. 27.
Match safe, Pocket. M. Madsen. 1,444,748; Feb. 6.
Match saver. F. Shuman. 1,441,379; Jan. 9.
Match scratcher. P. McCuaig. 1,454,446; May 8.
Match scratcher. J. A. Patterson. 1,459,550; June 19.
Match scratcher. C. S. Smith. 1,458,556; June 12.
Match scratcher. H. A. Staggs. Des. 61,836; Jan. 23.
Match stand, inkstand, ash bowl, and like article. A. H. Guest. 1,459,023; June 19.
Matches, Machine for packing. E. Snyder. 1,459,037; June 19.
Matches of paper, pasteboard, or the like and still connected in the shape of a continuous strip or band, Apparatus for adjusting and fixing the setting or straddling of partly-cut. K. P. Gottschalk. 1,452,375; Apr. 17.
Matches of wood, pasteboard, paper, or the like with paraffin, Apparatus for impregnating. K. P. Gottschalk. 1,452,374; Apr. 17.
Matches, Process and apparatus for manufacturing. J. G. Newman. 1,453,228; Apr. 24.
Matchers and the like, Side-head construction for. C. W. H. Blood and C. G. Osteman. 1,456,864; May 29.
Material, Apparatus for puffing or disintegrating. A. R. Spencer and W. J. Plews. 1,455,975; May 22.
Material, Apparatus for treating. A. R. Spencer and W. J. Plews. 1,442,304; Jan. 16.
Material-handling apparatus. M. J. Hopkins. 1,448,538; Mar. 13.
Material-handling apparatus. M. J. Hopkins. 1,448,538; July 3.
Material-handling machine. C. H. Shook. 1,476,375; Dec. 4.
Material into a predetermined form, Art and apparatus for forcing. L. M. Dieterich. 1,449,385; Mar. 27.
Material mixer. E. J. Delehanty. 1,467,237; Sept. 4.
Material-positioning apparatus. W. R. Myers. 1,451,431; Apr. 10.
Materials, Apparatus for testing and recording the strength of. P. W. Bidwell. 1,448,782; Mar. 20.
Materials, Machine for finishing the edges of flexible. L. J. Van Guelpen. 1,478,190; Dec. 18.
Materials, Process and apparatus for grading solid. C. J. Reed. 1,452,815; Apr. 24.
Materials with gases, Apparatus for use in the treatment of pulverulent or granular. R. Martin and J. I. Richards. 1,471,619; Oct. 23.
Mathematical apparatus. A. H. Kennedy. 1,469,954; Oct. 9.
Mathematical board. A. A. Gamble. 1,466,501; Aug. 28.
Mathematical top. J. B. Rogers. 1,462,870; July 24.
Matrix. D. S. Du Brul. 1,473,339; Nov. 6.
Matrix, Producing a. H. A. Herr. 1,451,162; Apr. 10.
Matrix-rolling machine. C. Siple. 1,473,053; Nov. 6.
Mats, Constructing. J. G. Bowser. 1,471,376; Oct. 23.
Matting. J. E. Richardson and W. B. Thurman. 1,465,784; Aug. 21.
Mattress. E. W. Aldridge. 1,475,771; Nov. 27.
Mattress. C. J. Allen and C. P. and C. M. Wilden. 1,444,861; Feb. 13.
Mattress. B. Stuart. 1,462,668; July 24.
Mattress. S. J. Wick. 1,457,203; May 29.
Mattress and making the same, Roll-edge. W. B. Mathewson. 1,450,102; Mar. 27.
Mattress cleaning, mixing, opening and filling machine. F. Franke, J. E. Miller, and E. E. Roberts. 1,442,871; Jan. 23.
Mattress, cushion, and seat. C. C. Meutsch. 1,455,847; May 22.
Mattress frame. F. G. Gale. 1,463,161; July 31.
Mattress, Nonstretchable. S. Bronstien. 1,468,277; Sept. 18.
Mattress, Sectional. E. Labenz. 1,459,540; June 19.
Mattress tuft. H. J. Burkhart. 1,464,196; Aug 7.
Mattress-tufting machine. E. G. Doyen. 1,448,955; Mar. 20.
Mattress, Wire. P. Hammer. 1,445,311; Feb. 13.
Mattress-wrapping machine. R. J. Ellsworth. 1,445,876; Feb. 20.
Mausoleum. W. H. Allen. 1,453,375; May 1.
Mausoleum. W. McMeans. 1,466,725; Sept. 4.
Mausoleum. R. A. Nichols. 1,442,087; Jan. 16.
Maximum-demand meter. W. L. Hamilton. 1,453,498; May 1.
Maximum-demand meter. W. G. Mylius. 1,442,085; Jan. 16.
Measure and making same. W. Christian. 1,448,358; Mar. 13.
Measure, Fish. R. G .Tyrrell. 1,474,804; Nov. 20.
Measure, Tailor's. B. Simpson. 1,465,875; Aug. 21.
Measured-service system. F. M. Slough. 1,468,217; Sept. 18.
Measurement, High-temperature. H. E. Ives. 1,449,512; Mar. 27.
Measurement of the refractive value of the principal point of the eye, Apparatus for the objective. O. Henker. 1,475,698; Nov. 27.
Measuring and cost computing machine, Fabric. G. C. Hosch. 1,454,285; May 8.
Measuring and cost computing machine, Fabric. G. B. Kyle. 1,452,279; Apr. 17.
Measuring and cost computing machine, Fabric. J. L. Wheeler. 1,478,155; Dec. 18.
Measuring and cost indicating machine, Fabric. D. Turner. 1,448,369; Mar. 13.
Measuring and cutting device. I. Rosenberg. 1,462,871; July 24.
Measuring and cutting machine. J. F. Wiesner. 1,476,664; Dec. 4.
Measuring and dispensing apparatus. L. Rosenfeld. 1,470,330; Oct. 9.
Measuring and dispensing apparatus, Liquid. F. W. Delanoy. 1,467,425; Sept. 11.
Measuring and dispensing apparatus, Liquid. F. Hammond. 1,445,212; Feb. 13.
Measuring and dispensing apparatus, Liquid. A. D. Wickoff and H. P. de Correvont. 1,455,184; May 15.
Measuring and dispensing machine. W. A. Barrows. 1,472,112; Oct. 30.
Measuring and dispensing vessel, Liquid. J. M. Kishpaugh. 1,461,486; July 10.
Measuring and feeding device. H. J. Haon. 1,454,439; May 8.
Measuring and filling machine. B. S. Harrington. 1,464,676; Aug. 14.
Measuring and indicating apparatus. H. Brewer. Re15,597; May 15.
Measuring and indicating apparatus. H. Brewer. Re15,617; June 5.
Measuring and indicating mechanism, Fluid. A. Stuber. Re15,651; July 10.

Measuring and registering device, Cloth. W. G. Northup, jr. 1,475,649; Nov. 27.
Measuring apparatus. O. J. Dorwin. 1,473,473; Nov. 6.
Measuring apparatus. E. A. Keeler. 1,472,125; Oct. 30.
Measuring apparatus. S. H. Kellogg. 1,451,512; Apr. 10.
Measuring apparatus, Depth and specific-gravity. C. W. Stancliffe. 1,457,406; June 5.
Measuring apparatus, Liquid-. C. H. Morse. 1,467,058; Sept. 4.
Measuring appliance, Electric. G. Keinath. 1,459,213; June 19.
Measuring bodies, Method of and machine for. J. J. Heys. 1,451,730; Apr. 17.
Measuring can. C. H. Nowack. 1,448,936; Mar. 20.
Measuring circuits and method, Transmission. D. F. Whiting. 1,442,455; Jan. 16.
Measuring depths of wells, Apparatus for. C. E. Van Orstrand. 1,451,130; Apr. 10.
Measuring device. E. R. Hardaker. 1,478,954; Dec. 25.
Measuring device. W. C. Hunter. 1,453,876; May 1.
Measuring device. H. M. Jones. 1,474,904; Nov. 20.
Measuring device. C. W. Johnson and T. Abtmeyer. 1,475,831; Nov. 27.
Measuring device. J. L. Patterson and L. R. Bivins. 1,454,765; May 8.
Measuring device. M. A. Sweet and M. D. Fernan. 1,472,284; Oct 30.
Measuring device. R. W. Thompson. 1,456,745; May 29.
Measuring device. R. H. Visger. 1,454,354; May 8.
Measuring device, Angle-. G. W. Libby. 1,468,598; Sept. 18.
Measuring device, Automatic. E. D. Church, F. S. Lash, and J. W. Van Brunt. 1,460,573; July 3.
Measuring device, Cable. W. F. Hosford. 1,461,758; July 17.
Measuring device, Finger-. S. Toy. 1,442,985; Jan. 23.
Measuring device, Hand-. H. M. Darmstadter. 1,441,268; Jan. 9.
Measuring device, Liquid-. O. P. M. Pfaffenberger. 1,463,591; July 31.
Measuring device, Low-frequency. H. S. Osborne. 1,475,240; Nov. 27.
Measuring dispensing and mixing device. K. M. Titus and J. W. Dennis. 1,445,112; Feb. 13.
Measuring distortion, System for. M. Kirkwood. 1,455,843; May 22.
Measuring electrical resistances, Method of and apparatus for. R. P. Brown and C. P. Frey. 1,460,530; July 3.
Measuring fabrics, Machine for. D. Turner. 1,450,268; Apr. 3.
Measuring granular or powdered material, Apparatus for. J. E. Lea. 1,473,633; Nov. 13.
Measuring instrument. E. Fuchs. 1,452,834; Apr. 24.
Measuring instrument W. R. Green. 1,451,572; Apr. 10.
Measuring instrument. P. MacGahan. 1,458,947; June 19.
Measuring instrument. C. H. Merritt. 1,454,130; May 8.
Measuring instrument. F. W. Roller. 1,456,517; May 29.
Measuring instrument. F. F. Schlattau. 1,454,693; May 8.
Measuring instrument. H. P. Sparkes. 1,453,414; May 1.
Measuring instrument. G. A. Toomey. 1,467,403; Sept. 11.
Measuring instrument and drill guide. W. J. Kleysteuber. 1,478,477; Dec. 25.
Measuring instrument, Combination. A. Nosan. 1,447,565; Mar. 6.
Measuring instrument, Electric. H. L. Decker. 1,475,174; Nov. 27.
Measuring instrument, Electric. W. M. Scott. 1,474,172; Nov. 13.
Measuring instrument, Electric. W. M. Scott and R. E. Tresise. 1,463,597; July 31.
Measuring instrument, Electrical. I. W. Brogger. 1,452,590–1; Apr. 24.
Measuring instrument, Electrical. H. B. Taylor. 1,472,198; Oct. 30.
Measuring intervals of time, Apparatus for. C. W. Ingels. 1,475,232; Nov. 27.
Measuring machine. G. A. Schettler. 1,474,385; Nov. 20.
Measuring machine, Cloth or ribbon. A. Vanderveld. 1,443,332; Jan. 23.
Measuring machine, Continuous fabric-. D. Turner. 1,465,321; Aug. 21.
Measuring machine, Fabric-. D. Turner. 1,465,322; Aug. 21.
Measuring machine, Liquid-. W. W. Leinert. 1,461,424; July 10.
Measuring machines, Adding machine particularly for leather-. H. Thun. 1,454,382; May 8.
Measuring machines, Adjusting. J. T. Pedersĕn. 1,463,589; July 31.
Measuring machines, Indicating means for. G. C. Hosch. 1,470,840; Oct. 16.
Measuring machines, Knife for fabric-. D. Turner. 1,449,021; Mar. 20.
Measuring machines, Mounting for. J. L. Wheeler. 1,453,300; May 1.
Measuring machines, Reduction-gear drive for. J. L. Wheeler. 1,458,606; June 12.
Measuring machines, Throw-out connection for. D. Turner. 1,446,281; Feb. 20.
Measuring machines, Work support for. B. H. Blood. 1,477,206; Dec. 11.
Measuring materials in concrete construction, Apparatus for. H. D. Palmer and J. W. Brhel. 1,451,106; Apr. 10.
Measuring products of two variable quantities, Apparatus for. G. W. Watson. 1,459,644; June 19.
Measuring sheets of material such as paper, cardboard, metal, and the like, Device for. W. R. Mackness. 1,441,440; Jan. 9.
Measuring structure, Liquid-. E. L. Barnes. 1,455,757; May 15.
Measuring surface areas, Machine for. H. Thun. 1,453,211; Apr. 24.
Measuring surface areas, Machine for. H. Thun. 1,476,428; Dec. 4.
Measuring system. S. Q. Hayes. 1,4448,402; Mar. 13.
Measuring system, Electrical. C. T. Allcutt. 1,443,553; Jan. 30.
Measuring the cubic contents of bodies, Mechanism for. P. V. Hollenbeck. 1,453,111–12; Apr. 24.
Measuring the flow of fluids, Apparatus for. F. W. Meyer and A. Simon. 1,476,762; Dec. 11.
Measuring the lead of screw threads, Machine for. R. Hill. 1,447,416; Mar. 6.
Measuring transmission, Apparatus and method for. H. S. Hamilton. 1,468,704; Sept. 25.
Measuring triangle. C. Hohmann. 1,470,530; Oct. 9.
Measuring unbalance, Method of and means for. A. B. Clark. 1,471,383; Oct. 23.
Meat-block cleaner. S. Hermanowich. 1,461,615; July 10.
Meat casings, Making. C. S. Lenz and H. M. Cohen. 1,478,968; Dec. 25.
Meat chopper. A. F. Bauer. 1,442,994; Jan. 23.
Meat chopper and making same. T. F. Rataiczak. 1,451,891; Apr. 17.
Meat cutter. W. A. Pue and W. N. Sifford. 1,465,865; Aug. 21.
Meat-cutting machine. J. A. Baumgartner. 1,451,674–5; Apr. 17.
Meat-extractlike preparation from fish flesh, Production of a preserved. P. Hildebrandt. 1,472,332; Oct. 30.
Meat-extractlike preparation, Production of. P. Hildebrandt. 1,442,340; Jan. 16.
Meat-extractlike preparations, Manufacture of. B. Rewald. 1,448,281; Mar. 13.
Meat hanger and apparatus for applying the same. R. Blades. 1,473,204; Nov. 6.
Meat holder. W. F. H. Braun. 1,456,866; May 29.
Meat holder. F. C. Shown. 1,474,296; Nov. 13.
Meat hook. A. W. Weyel. 1,464,160; Aug. 7.
Meat, Method of and apparatus for chilling material such as. A. E. Stacey, jr. 1,465,028; Aug. 14.
Meat mold. O. M. Wolff. 1,456,958; May 29.
Meat, poultry, and the like, Device for facilitating the carving of. A. J. Greaves. 1,471,122; Oct. 16.
Meat press. D. A. Wallace. 1,473,590; Nov. 6.
Meat press and ejector. F. Kruse. 1,475,400; Nov. 27.
Meat shaper and preserver. A. M. Demuth. 1,477,548; Dec. 18.
Meat-slicing machine. G. Jaquette. 1,475,391–2; Nov. 27.
Meat-slicing machines, Knife guard for. J. A. Nordin. 1,449,832; Mar. 27.
Meat tender, Method and means for making. T. F. Horrigan and E. M. Durward. 1,445,018; Feb. 13.
Meat-tendering machine. L. A. Short. 1,452,098; 1,452,098; Apr. 17.
Mechanical bird. J. W. Buck. 1,450,480; Apr. 3.
Mechanical coursing device. F. T. Herbert, sr. 1,475,824; Nov. 27.
Mechanical movement. H. G. Ainsworth. 1,441,391; Jan. 9.
Mechanical movement. J. Hettrich. 1,473,907; Nov. 13.
Mechanical movement. J. D. Moore. 1,450,184; Apr. 3.
Mechanical movement. O. L. Raabe. 1,463,839; Aug. 7.
Mechanical movement. W. C. Read. 1,472,090; Oct. 30.
Mechanical movement. G. Slider. 1,452,221; Apr. 17.
Mechanical movement. S. Vernet. 1,464,856; Aug. 14
Mechanical movement. R. Ware. 1,453,815; May 1.
Mechanical movement. B. Zsarnay. 1,446,370; Feb. 20.
Mechanical movements, Mechanism for synchronizing. W. H. Collier. 1,471,450; Oct. 23.
Mechanical press. F. Humphris. 1,473,478; Nov. 6.
Mechanical puller. J. Grahek. 1,478,648; Dec. 25.
Mechanical rectifying system. J. W. Robinson. 1,460,444; July 3.
Medal. O. H. Lindenberg. Des. 63,567; Dec. 18.
Medal, Athlete's. C. J. Velte. 1,461,565; July 10.
Medal holder. A. Maurer. 1,455,143; May 15.
Medallion, emblem, button, or similar article. P. F. Leon. Des. 62,737; July 24.
Medical appliance of suction type. M. Teshima. 1,444,714; Feb. 6.
Medical bandages, Absorbent-cotton substitute for. J. T. Tong and J. E. Blosser. 1,453,575; May 1.
Medical compound. W. C. Grove. 1,455,485; May 15.
Medicinal compound for cows. E. H. Babbitt. 1,470,795; Oct. 16.
Medicinal device. S. Glickson. 1,461,185; July 10.
Medicinal preparation. H. J. Brown. 1,474,140; Nov. 13.

Medicine dropper. C. Berens, jr. 1,459,354; June 19.
Medicine receptacle, Pocket. H. A. Schilling. 1,470,547; Oct. 9.
Melaleuca leucadendron to thermic, hydraulic, and dielectric devices, Application of the bark (suber) of. P. E. H. Roussan. 1,453,185; Apr. 24.
Melting furnace. H. G. Wellman and C. D. Gilpin. 1,440,515; Jan. 2.
Melting furnace, Electric. A. W. Gregg. 1,477,821; Dec. 18.
Melting furnace, Gas-fired. H. O. Loebell. 1,457,780; June 5.
Melting or soldering pot. E. Millner. 1,458,430; June 12.
Melting pot. A. L. N. Fleming. 1,448,529; Mar. 13.
Memorandum device. F. S. Jensen. 1,475,303; Nov. 27.
Memorandum holder, Pocket. H. Hammitt. 1,478,219; Dec. 18.
Memorandum pad, Desk. H. T. Platz. 1,452,092; Apr. 17.
Memorandum pads and the like, Holder for. A. D. Robinson. 1,452,707; Apr. 24.
Memorandum tablet and holder. H. L. Bush and A. M. Hamblet. 1,462,683; July 24.
Merchandise carrier. W. B. Miller. 1,448,311; Mar. 13.
Merchandise, Machine for measuring and delivering loose. J. D. Lane and J. Macnaughton. 1,457,038; May 29.
Mercurial composition. H. M. Spencer. 1,451,850; Apr. 17.
Mercury catalyst, Regenerating. N. Grünstein. 1,477,951; Dec. 18.
Mercury derivatives of aromatic compounds and manufacturing same. A. Klages. 1,455,495; May 15.
Mercury fulminate manufacture, Recovery of by-products in. R. C. Moran. 1,459,410; June 19.
Mercury separator. J. Haverly. 1,463,996; Aug. 7.
Mercury-vapor pump for high vacuums. J. Jonas and O. Seitz. 1,462,112; July 17.
Merry-go-round. J. A. Franklin. 1,456,228; May 22.
Merry-go-round. H. Hrobsky. 1,461,881; July 17.
Merry-go-round. A. Kudler. 1,440,609; Jan. 2.
Merry-go-round. E. M. Maxwell. 1,466,845; Sept. 4.
Merry-go-round. W. T. Peck. 1,476,832; Dec. 11.
Merry-go-round. G. M. Reagen. 1,476,180; Dec. 4.
Merry-go-round. W. H. Weaser. 1,447,110; Feb. 27.
Merry-go-round. W. H. Weaser. 1,463,351; July 31.
Merry-go-round, Portable. S. Alseth. 1,474,341; Nov. 20.
Merry-go-round steeplechase. F. V. Burrow. 1,470,911; Oct. 16.
Mesh and similar fabric, Machine for making link. K. F. A. Rolle. 1,462,982; July 24.
Mesh bag. J. F. Killion. Des. 62,612; July 3.
Mesh bag. H. B. Rowan. Des. 62,415; May 22.
Mesh bag. H. B. Rowan. Des. 62,621–2; July 3.
Mesh bag. H. B. Rowan. Des. 62,647; July 10.
Mesh bag. H. B. Rowan. Des. 63,043–4; Sept. 18.
Mesh bag. H. B. Rowan. Des. 63,085–8; Oct. 2.
Mesh bag. H. B. Rowan. Des. 63,241; Nov. 6.
Mesh fabric, Support for link-. F. H. Lynds. 1,470,019; Oct. 9.
Mesh or grids, Device for counting. J. G. Servais. 1,478,536; Dec. 25.
Mesityl oxide, etc., Making. A. Hoffman. 1,474,035; Nov. 13.
Message carrier. H. Rosenblatt. 1,469,110; Sept. 25.
Messages to moving trains and the like, Apparatus for delivering. J. Rutter. 1,452,443; Apr. 17.
Metal and alloy, Casting high-melting-point. H. T. Reeve. 1,442,444; Jan. 16.
Metal and eye member connection. J. De Glopper. 1,458,132; June 12.
Metal and other material, Drying apparatus for plates of. C. Wagner and A. Hormel. 1,443,104; Jan. 23.
Metal and wood working machines, Table mount for. H. Humphreys. 1,443,789; Jan. 30.
Metal, Annealing. R. E. Talley. 1,466,257; Aug. 28.
Metal, Apparatus for crushing corrugated. C. E. Atkinson. 1,462,474; July 24.
Metal article, Workable. W. B. Ballantine. 1,450,049; June 26.
Metal articles, Feed mechanism for small. V. Puc. 1,457,459; June 5.
Metal articles, Forming. L. W. Greve. 1,458,699; June 12.
Metal articles, socketed terminal lugs, and the like, Method and apparatus for forming tubular. W. M. Towne. 1,468,092; Sept. 18.
Metal, Balling scrap. J. M. Sellers. 1,463,339; July 31.
Metal basket handle. T. Lennox. 1,443,995; Feb. 6.
Metal-bending machine, Sheet-. C. P. Buck. 1,463,383; July 31.
Metal bloom and making same. H. W. Lash. 1,477,135; Dec. 11.
Metal bodies, Means for securing finish to. O. F. Graebner. 1,468,468; Sept. 18.
Metal border strip or similar article of manufacture. D. Stoll. Des. 62,437; May 29.
Metal box. H. A. Beyer. 1,464,237; Aug. 7.
Metal box, Collapsible. R. S. Reynolds. 1,474,088; Nov. 13.
Metal by the electric arc, Depositing. E. H. Jones. 1,464,076; Aug. 7.
Metal cap or closure. C. Hammer. 1,449,600; Mar. 27.
Metal-casing wheel. C. Blackwell. 1,458,971; June 19.
Metal cleaning and polishing device. J. A. Vincent. 1,446,998; Feb. 27.
Metal, Container and mold for molten. H. A. Myers and A. D. Straw. 1,454,067; May 8.
Metal containers, Removable head for. R. H. Hackney. 1,449,940; Mar. 27.
Metal, Crushing corrugated. C. E. Atkinson. 1,462,475; July 24.
Metal-cutting machine. S. J. Teller. 1,478,686; Dec. 25.
Metal dispatcher, Hot-. W. F. Wright. 1,445,574; Feb. 13.
Metal drawer structure. I. Conrad. 1,475,797; Nov. 27.
Metal-drawing apparatus and method. L. H. Brinkman. 1,442,213; Jan. 16.
Metal dust and making the same. M. H. Newell. 1,456,035; May 22.
Metal, Expanded. H. M. Naugle and A. J. Townsend. 1,472,774; Oct 30.
Metal fabric, Expanded-. N. E. Clark. 1,444,731; Feb. 6.
Metal frame, Adjustable. S. T. Helgeson. 1,472,069; Oct. 30.
Metal-finishing tool. H. A. Miller. 1,445,154; Feb. 13.
Metal foil with paraffin and the product thereof, Coating. H. and J. Nusbaum. 1,466,380; Aug. 28.
Metal forming. H. A. Schwartz. 1,450,648; Apr. 3.
Metal hydrates and for the production of gas, Process of and material for the production of. J. H. Reid. 1,445,645; Feb. 20.
Metal joint. R. T. Gillette and J. L. Butterfield. 1,472,518; Oct 30.
Metal, Machine for bending. W. Vollmer. 1,441,047; Jan. 2.
Metal, Machine for cambering and tempering. C. Girl and H. S. Jandus. 1,456,489–90; May 22.
Metal, Machine for making expanded. J. H. Dean and T. H. Alfreds. 1,448,109; Mar. 13.
Metal, Machine for making ribbed expanded. G. W. Baker. 1,443,555; Jan. 30.
Metal, Machine for swaging or reducing. F. L. Jouve. 1,466,302; Aug. 28.
Metal manufacture, Expanded-. H. M. Naugle and A. J. Townsend. 1,472,769; Oct. 30.
Metal manufacture, Expanded-. H. M. Naugle and A. J. Townsend. 1,472,773; Oct. 30.
Metal, Method of and apparatus for die-shaping. J. G. Liddell. 1,448,457; Mar. 13.
Metal mold. H. H. Brand. 1,463,247; July 31.
Metal mold. H. A. Myers. 1,450,186; Apr. 3.
Metal-molding apparatus. H. C. Zenke. 1,453,861; May 1.
Metal-molding apparatus. H. C. Zenke. 1,462,186; July 17.
Metal monoxidizable and the metal, Rendering. W. J. Keep. 1,456,274; May 22.
Metal on nonmetallic surfaces, Plating. E. F. Dietrich. 1,444,113; Feb. 6.
Metal parts, Uniting. H. S. Holmes. 1,467,792; Sept. 11.
Metal-piercing apparatus. L. H. E. Bégot. 1,464,146; Aug. 7.
Metal plates, Drying lithographed. T. L. Taliaferro. 1,446,947; Feb. 27.
Metal plates in the line of their width, Press for offsetting. R. S. Smith, H. Miller, and F. Orton. 1,466,104; Aug. 28.
Metal plates, Uniting. J. C. Sander. 1,455,811; May 22.
Metal polish. W. A. Ruddell. 1,457,857; June 5.
Metal propeller. H. Leitner. 1,459,335; June 19.
Metal, Purifying molten. W. T. Davis. 1,452,364; Apr. 17.
Metal-refining apparatus. H. Harris. 1,465,128; Aug. 14.
Metal-refining apparatus. A. H. Levy. 1,443,920; Jan. 30.
Metal roll. E. M. Refior. 1,448,001; Mar. 13.
Metal-rolling machine. M. Keck. 1,469,726; Oct. 2.
Metal scouring and ungreasing device. M. Heller. 1,451,981; Apr. 17.
Metal sections, Manufacture of extruded. M. A. Hardy. 1,456,128; May 22.
Metal-shaping machine. F. E. Brown. 1,474,066; Nov. 13.
Metal sheets, Apparatus for the manufacture of protected. W. W. Roney. 1,465,563; Aug. 21.
Metal sheets, Machine for separating. J. A. Hellstrom. 1,443,178; Jan. 23.
Metal sheets, Mechanism for stamping large hot. W. A. Lacke. 1,451,879; Apr. 17.
Metal sheets, Process of and apparatus for renovating coated. C. F. H. Bohnhardt. 1,457,688; June 5.
Metal solutions, Treating. L. F. Clark. 1,472,115; Oct. 30.
Metal-spinning machine. J. S. Stull. 1,448,577; Mar. 13.
Metal-stamping mechanism. E. Nordstrom. 1,463,906; Aug. 7.
Metal strip and apparatus therefor, Handling hot-. F. B. Crosby. 1,474,319; Nov. 13.
Metal strip and apparatus therefor, Handling hot-. V. E. Edwards. 1,469,721; Oct. 2.
Metal structure and securing parts. C. P. Astrom. 1,440,576; Jan. 2.
Metal surfacing or abrading machine. S. H. Leavenworth. 1,457,979; June 5.

Metal tank, Knockdown. G. E. Mittinger. 1,443,192; Jan. 23.
Metal tie. W. L. Varner. 1,441,954; Jan. 9.
Metal tie and rail chair. A. Bernier. 1,441,263; Jan. 9.
Metal, Treating. R. E. Bradley and C. R. Webber. 1,474,953; Nov. 20.
Metal turnings and borings, Machine for granulating. E. K. Hill. 1,465,941; Aug. 28.
Metal-twisting mechanism. R. R. Rust. 1,463,594; July 31.
Metal wheel. G. G. Barry. 1,440,435; Jan. 2.
Metal wheel. G. G. Barry. 1,473,694; Nov. 13.
Metal wheel. R. J. Burrows. 1,461,515; July 10.
Metal wheel. L. Fine. 1,462,957; July 24.
Metal wheel. A. M. Ford. 1,464,566; Aug. 14.
Metal wheel. E. Ibach. 1,470,742; Oct. 16.
Metal wheel. M. Lachman. 1,477,884; Dec. 18.
Metal wheel. W. H. Morgan. 1,440,929; Jan. 2.
Metal wheel. W. H. Morgan. 1,444,261; Feb. 6.
Metal wheel. L. E. Slauson. 1,452,661; Apr. 24.
Metal wheel. C. Schenck. 1,469,964; Oct. 9.
Metal wheel. C. Schenck, C. W. Bassett, and E. Ibach. 1,468,085; Sept. 18.
Metal wheel. J. H. Wagenhorst. 1,474,183; Nov. 13.
Metal wheel. J. H. Wagenhorst. 1,475,161; Nov. 20.
Metal wheel, Hollow. J. A. Charter. 1,466,468; Aug. 28.
Metal wheel, Pressed. H. G. Thompson. 1,446,138; Feb. 20.
Metal, Working. E. G. Loomis. 1,466,953; Sept. 4.
Metal-working machine. S. A. Asquith. 1,472,034; Oct. 30.
Metal-working machine. L. Jones. 1,449,413; Mar. 27.
Metal-working machine. G. W. Rollins. 1,448,868; Mar. 20.
Metal-working machine and attachment therefor. P. Stercklen. 1,455,554; May 15.
Metal-working machine, Automatic multiple-spindle. L. G. Daniels. 1,464,062; Aug. 7.
Metal-working machine, Combination. W. J. Pine. 1,473,356; Nov. 6.
Metal-working machines, Clamping mechanism for. W. T. Sears. 1,454,080; May 8.
Metal-working machinery. A. E. R. Blomquist. 1,448,721; Mar. 20.
Metal-working tool. F. P. Miller. 1,473,245; Nov. 6.
Metal-working tool. C. A. West. 1,461,548; July 10.
Metals, Apparatus for treating. J. S. Turek. 1,445,860; Feb. 20.
Metals and in an electric furnace, Electrically melting. I. Rennerfelt. 1,469,817; Oct. 9.
Metals and making same, Coating composition for. W. H. Buell. 1,472,239; Oct. 30.
Metals and other materials, Apparatus for testing the hardness of. H. Moore and R. Mather. 1,452,810; Apr. 24.
Metals, Burner for the autogenous cutting of. A. B. Dräger, H. W. C. Schröder, and E. W. Kunzmann. 1,460,662; July 3.
Metals, Cathode for the electrolytic refining of. C. H. Schuh. 1,468,838; Sept. 25.
Metals ductile, Heat-treatment method of rendering. E. Roth. 1,450,734; Apr. 3.
Metals from ores, Extraction of. A. T. Elliott. 1,471,514; Oct. 23.
Metals, Joining. C. F. Kettering. 1,453,358; May 1.
Metals, Joining. T. Midgley, jr. 1,456,855; May 29.
Metals, Method and apparatus for the reduction of impurities contaminating molten. L. Jones. 1,472,006; Oct. 23.
Metals, Method of and apparatus for treating. R. F. Trimble. 1,456,523; May 29.
Metals, Method of and apparatus relating to the production of. C. W. Balke. 1,464,862; Aug. 14.
Metals, Plating. H. A. Myers. 1,460,137; June 26.
Metals, Production of glossy metal coatings on. A. Classen. 1,464,149; Aug. 7.
Metals, Treating molten. C. Vos. 1,469,706; Oct. 2.
Metals, Uniting. H. A. and W. T. Soulis. 1,455,307; May 15.
Metals with metal phosphides, Coating. S. Peacock. 1,456,252; May 22.
Metaldehyde, Burner for burning. C. Tommasi, J. Sandholm, H. Danneel, and A. Busch. 1,452,450; Apr. 17.
Metaldehyde, Manufacture of. E. Lüscher and T. Lichtenbahn. 1,467,733; Sept. 11.
Metallic denture backing. R. M. Craig. 1,463,548; July 31.
Metallic deposit, Transfer. P. R. Heygel. 1,444,345; Feb. 6.
Metallic glazing. W. Henderson. 1,441,347; Jan. 9.
Metallic powders and colloid solutions, Method of and apparatus for making fine. J. Slepian. 1,440,502; Jan. 2.
Metalliferous materials containing metals of the chromium group, Electrolytic treatment of. R. E. Pearson and E. N. Craig. 1,462,421; July 17.
Metallizing articles. Q. Marino. 1,452,281; Apr. 17.
Metallurgical furnace. J. R. Millward. 1,474,157; Nov. 13.
Metallurgical products, Treating. W. A. Harty and F. W. Moore. 1,445,943; Feb. 20.
Metallurgical process. W. E. Greenawalt. 1,469,806; Sept. 25.
Metallurgical process. H. G. C. Thofehrn. 1,460,830; July 3.
Metallurgical refractory material and producing same. C. Payton. 1,453,993; May 1.
Meter: *See*—

Angle meter.	Grade meter.
Demand meter.	Liquid meter.
Electric meter.	Maximum-demand meter.
Electric recording meter.	Motor meter.
Excess-demand meter.	Radiator meter.
Exposure meter.	Registering meter.
Flow meter.	Road-bearing meter.
Fluid meter.	Telephone meter.
Fluid-fuel meter.	Time slot meter.
Gas meter.	Water meter.

Meter. R. F. Schuchardt. Re15,697; Oct. 9.
Meter. R. F. Schuchardt. Re15,724; Nov. 13.
Meter. G. L. Weller. 1,471,814; Oct. 23.
Meter box. C. W. Blue. 1,459,462; June 19.
Meter box. S. I. Flournoy. 1,454,674; May 8.
Meter-box cover and lock. F. E. Crotto. 1,448,202; Mar. 13.
Meter construction. E. A. Kerstein. 1,460,327; June 26.
Meter counterhousing, Condensation-. J. V. Redfield. 1,463,404; July 31.
Meter-dial guards, Cleaner for. M. O. Allen. 1,452,018; Apr. 17.
Meter readings, Combination bill and stub for. A. Copony. 1,447,340; Mar. 6.
Meter support. T. H. Kerr. 1,447,212; Mar. 6.
Meter-tester apparatus, Multiple-. P. Mueller. 1,462,718; July 24.
Meter with cathode tube, Wave. A. Leib. 1,446,425; Feb. 20.
Meters and the like, Yieldable joint for water. F. Lambert. 1,473,910; Nov. 13.
Meters, Controlling device for. C. J. Bassler. 1,476,944; Dec. 11.
Meters, Rate-of-flow indicator for. W. Kath. 1,459,212; June 19.
Methane, Making the chlorinated products of. E. H. Riesenfeld. 1,455,508; May 15.
Mica boards, Machine for and method of making. L. T. Frederick. 1,454,274; May 8.
Mica sheets, Optical selection of split. G. W. Pickard and J. Barth. 1,476,102; Dec. 4.
Mice, rat, or other vermin trap. W. Mark and F. J. Parker. 1,452,087; Apr. 17.
Micrometer. A. H. Lambert. 1,458,306; June 12.
Micrometer. J. W. Parker. 1,446,926; Feb. 27.
Micrometer attachment. A. Rudnay. 1,463,095; July 24.
Micrometer caliper. L. O. Beard. 1,462,130; July 17.
Micrometer caliper. J. W. Parker. 1,461,005; July 3.
Micrometer caliper height and surface gauge. F. B. Cady. 1,459,500; June 19.
Micrometer, Circular. C. F. Johnston and L. A. Martinelli. 1,448,222; Mar. 13.
Micrometer gauge. C. A. Clase. 1,463,673; July 31.
Micrometer gauge. A. T. Gregory. 1,475,066; Nov. 20.
Micrometers, Adjustable nut for. E. C. Berg. 1,477,935; Dec. 18.
Microphone parts, Anchoring. E. L. Kellogg. 1,467,001; Sept. 4.
Microscope. H. Heine. 1,448,592; Mar. 13.
Microscope attachment. W. T. Carter. 1,463,938; Aug. 7.
Microscopes, Condenser or illuminator for. H. N. and H. G. Ott. 1,461,367; July 10.
Microscopes, Stereoscopic eyepiece for. O. Heimstädt. 147,670; Oct. 16.
Microscopes, Tube extension for. H. Siedentopf. 1,470,770; Oct. 16.
Miles-per-gallon instrument. C. W. Hough. 1,477,490; Dec. 11.
Miles-per-gallon register. C. W. Hough. 1,477,489; Dec. 11.
Military equipment. C. E. Smith. 1,451,030; Apr. 10.
Military stock. W. H. Waldron. 1,477,402; Dec. 11.
Milk albumen and milk sugar, Commercially obtaining water-soluble. A. D. Fest. 1,444,178; Feb. 6.
Milk and butter cooler, Sanitary. J. A. Morton. 1,459,184; June 19.
Milk and ice cream can and making same. J. B. Conover. 1,441,484; Jan. 9.
Milk and mail receptacle. P. Tenerowicz. 1,476,933; Dec. 11.
Milk, Apparatus for determining the freezing point of. J. Hortvet. 1,443,537; Jan. 30.
Milk, Apparatus for handling and storing. G. H. Maxwell. 1,442,167; Jan. 16.
Milk boiler. M. Kaniuk. 1,452,344; Apr. 17.
Milk-bottle holder. J. W. Tumulty. 1,445,730; Feb. 20.
Milk-bottle receptacle. N. Grande. 1,450,772; Apr. 3.
Milk can. J. O'Brien. 1,475,405; Nov. 27.
Milk can. F. J. Rauh. 1,456,404; May 22.
Milk can. A. F. Stoelting. 1,466,515; Aug. 28.
Milk-can closure. J. H. Briehl. 1,473,951; Nov. 13.
Milk-can cover, Self-locking. A. Tarbet. 1,467,254; Sept. 4.
Milk-can holder. T. C. Urtasun. 1,475,903; Nov. 27.
Milk-can punch. L. Hasty. 1,471,601; Oct. 23.
Milk-can ventilator. O. T. Larson. 1,476,300; Dec. 4.
Milk cans, Lid fastener for. L. E. Drake. 1,477,043; Dec. 11.

Milk cans, Sanitary cover for. J. E. Dacey. 1,449,811; Mar. 27.
Milk cases and the like, Means for covering and fastening. F. A. Fuci and W. Zeunges. 1,445,879; Feb. 20.
Milk containers, Cream separator for. J. Maier, N. Lenz, and C. E. Radmer. 1,463,625; July 31.
Milk cooler. S. P. Elleby. 1,446,417; Feb. 20.
Milk cooler, Rapid. M. M. Cahill. 1,471,449; Oct. 23.
Milk dispenser. A. L. Moron. 1,473,499; Nov. 6.
Milk fermentation. A. B. Clark. 1,462,029; July 17.
Milk, Making artificial. C. E. North. 1,474,843; Nov. 20.
Milk, Making vegetable. G. D. Thevenot. 1,444,812; Feb. 13.
Milk, Manufacture of sweetened condensed. T. Mojonnier. 1,449,688; Mar. 27.
Milk, Method and apparatus for pasteurizing. T. H. Anglim. 1,468,871; Sept. 25.
Milk or cream, Treating. J. T. Hanna. 1,471,460; Oct. 23.
Milk product and making the same. C. S. Stevens. 1,453,859; May 1.
Milk receptacle. N. E. Gee. 1,451,420; Apr. 10.
Milk-record-sheet holder. E. M. Reitan. 1,445,912; Feb. 20.
Milk releaser. C. H. Hapgood. 1,474,669; Nov. 20.
Milk-sediment tester. I. H. Kendall. 1,445,770; Feb. 20.
Milk substitute, Powdered modified-. A. W. Bosworth. 1,450,836; Apr. 3.
Milk, Treating. J. M. W. Kitchen. 1,447,251; Mar. 6.
Milk-treating apparatus. J. M. W. Kitchen. 1,447,249; Mar. 6.
Milking. P. A. Frimand. 1,471,394; Oct. 23.
Milking apparatus, Meter for. W. L. Leisge. 1,451,738; Apr. 17.
Milking device. H. R. Seifert. 1,455,672; May 15.
Milking machine. J. C. Beem. 1,464,490; Aug. 7.
Milking machine. F. A. Gessler. 1,472,467; Oct. 30.
Milking machine. W. N. Mueller. 1,458,237; June 12.
Milking machine. A. Sabroe. 1,477,978; Dec. 18.
Milking machine. W. A. Shippert. 1,459,420; June 19.
Milking machine. J. J. Stampen. 1,478,802; Dec. 25.
Milking machine, Pulsator for. J. G. G. Eklundh and C. O. Kennedy. 1,444,906; Feb. 13.
Milking-machine pulsators, Actuating means for. C. H. Hapgood. 1,452,600; Apr. 24.
Milking-machine relay. S. H. Hall. 1,452,153; Apr. 17.
Milking machines, Claw for. J. H. Davies. 1,440,912; Jan. 2.
Milking machines, Teat cup for. C. M. Anderson. 1,476,788; Dec. 11.
Milking machinery. J. W. Fuge. 1,478,645; Dec. 25.
Mill: *See*—
Amalgamating mill.
Attrition mill.
Axle mill.
Ball mill.
Boring mill.
Cider mill.
Coffee mill.
Feed mill.
Crushing mill.
Grinding mill.
Pulverizing mill.
Quartz mill.
Rod mill.
Rolling mill.
Siding mill.
Spinning mill.
Tire and hoop rolling mill.
Tube mill.
Tube reducing mill.
Tube-rolling mill.
Wind-operated mill.
Mill. D. D. Bare. 1,456,353; May 22.
Mill. J. G. Boswell. 1,447,834; Mar. 6.
Mill. M. B. McFeely. 1,476,260; Dec. 4.
Mill. A. Sundh and W. Westerman. 1,451,280; Apr. 10.
Mill. A. Sundh and W. Westerman. 1,454,493; May 8.
Mill. A. Sundh. 1,455,278; May 15.
Mill and press. E. F. Happensack. 1,469,724; Oct. 2.
Mill appliance, Rolling-. T. Wilson. 1,459,811; June 26.
Mill for rolling shapes. G. Baehr. 1,448,371; Mar. 13.
Mill for rolling shapes. G. Baehr. 1,474,880; Nov. 20.
Mill lining, Ball-. T. B. H. Askin and G. H. Ruggles. 1,470,420; Oct. 9.
Mill machinery, Shaker mechanism for. F. J. Temple. 1,463,930; Aug. 7.
Mill plate, Attrition-. S. Snyder. 1,477,013; Dec. 11.
Milling and turning machine, Combined. J. D. Kohlmann. 1,458,944; June 19.
Milling blanks, Machine for. F. Müller. 1,472,852; Nov. 6.
Milling cutter. B. T. Browand. 1,468,857; Sept. 25.
Milling cutter. F. Müller. 1,443,641; Jan. 30.
Milling cutters by centrifugal force, Rotary mold for molding. M. J. Loehler. 1,452,838; Apr. 24.
Milling machine. J. E. Bergström. 1,453,654; May 1.
Milling machine. J. E. Bergström. 1,456,756; May 29.
Milling machine. C. F. Henry. 1,465,303; Aug. 21.
Milling machine. C. Kusold. 1,443,899; Jan. 30.
Milling machine. J. J. La Ducer. 1,477,178; Dec. 11.
Milling machine. H. C. Rose and A. Oberhoffken. 1,461,098; July 10.
Milling machine. W. A. Study. 1,451,188; Apr. 10.
Milling-machine adjustment and quick release. C. J. Marshall and F. R. Weaver. 1,450,695; Apr. 3.
Milling-machine attachment. J. A. Purves. 1,465,721; Aug. 21.
Milling machine, Automatic. R. C. Nevin. 1,465,453; Aug. 21.
Milling machine, Circular-. H. C. Rose and A. Oberhoffken. 1,461,097; July 10.
Milling machine, Circular-. A. A. Wickland. 1,460,525; July 3.
Milling-machine cutter. J. Mattson. 1,460,028–30; June 26.
Milling machine for continuous milling. J. T. Patton and J. E. McAllister. 1,459,248; June 19.
Milling machine for continuous milling. J. F. Patton and J. E. McAllister. 1,470,873; Oct. 16.
Milling-machine head. H. A. Stewart. 1,469,121; Sept. 25.
Milling-machine spindle. W. F. Groene. 1,442,659; Jan. 16.
Milling machine, Tube-. E. H. Chapman. 1,475,171; Nov. 27.
Milling machine, Vertical multiple-spindle. A. Trosch. 1,444,045; Feb. 6.
Milling machines, Indexing plate for. E. R. La Casse. 1,461,316; July 10.
Milling machines, Overhead-arm support for. T. W. Hall. 1,464,266; Aug. 7.
Milling machines, Workholding attachment for. A. S. Holmes. 1,470,265; Oct. 9.
Milling tool, Hollow. G. Reisinger. 1,445,448; Feb. 13.
Mills, Apparatus for entraining and removing fines from conical. H. W. Hardinge. 1,450,289; Apr. 3.
Mills, Attachment for rolling. C. M. Knight. 1,443,223; Jan. 23.
Mills, Ball-placing device for tube. J. H. Matheson. 1,454,684; May 8.
Mills, Dumbturner for sugar-cane. C. McNeil. 1,448,557; Mar. 13.
Mills, Feeder for. J. W. Barwell, J. Ward, N. Nelson, J. Hingher, W. E. Booth, and W. L. Blows. 1,457,490; June 5.
Mills, Feeder for ball. O. H. Johnson and H. F. Webb. 1,448,628; Mar. 13.
Mills, Lining for ball. E. Hedburg. 1,460,796; July 3.
Mills, Oversize return for. H. W. Hardinge. 1,450,290; Apr. 3.
Mills, Scalper sieve for. E. F. Lake. 1,466,508; Aug. 28.
Mine. W. F. Palmer. 1,443,431; Jan. 30.
Mine, Aircraft-launched temporary drifting. C. L. Kee. 1,442,345; Jan. 16.
Mine air stop. S. H. Snyder. 1,478,303; Dec. 18.
Mine alarm instrument. C. W. Hurl. 1,458,060; June 5.
Mine cages, lifts, and the like, Safety retaining mechanism for. H. Lydeard. 1,443,882; Jan. 30.
Mine-car coupler. F. S. Barks. 1,462,188; July 17.
Mine door. W. T. Ferguson. 1,446,340; Feb. 20.
Mine-door-operating mechanism. H. C. Liggett, R. Peterson, and S. W. Liggett. 1,478,970; Dec. 25.
Mine drill. G. Dobson. 1,477,749; Dec. 18.
Mine, Sea. E. Osegovic. 1,456,646; May 29.
Mine, Sea. M. C. A. H. Pape. 1,465,232; Aug. 14.
Mine squibs and detonators, Safety holder for. J. W. Davis. 1,470,150; Oct. 9.
Mine, Submarine. G. E. Elia. 1,449,168; Mar. 20.
Mine, Submarine. J. H. Hammond, jr. 1,440,596; Jan. 2.
Mine, Submarine. E. F. Nichols. 1,466,915; Sept. 4.
Mine, Submarine. W. F. Palmer. 1,448,976; Mar. 20.
Mine, Submarine. W. F. Palmer. 1,451,107; Apr. 10.
Mining and loading machine. E. C. Morgan. 1,440,790–1; Jan. 2.
Mining and quarrying machine. C. S. Oldroyd. 1,456,930; May 29.
Mining and quarrying machine. C. S. Oldroyd. 1,460,073; June 26.
Mining and quarrying machine. C. S. Oldroyd. 1,460,075–6; June 26.
Mining apparatus. J. F. Joy. 1,445,085; Feb. 13.
Mining apparatus. E. C. Morgan. 1,445,230; Feb. 13.
Mining apparatus. E. C. Morgan. 1,450,603; Apr. 3.
Mining apparatus. C. W. Wyman. 1,474,311; Nov. 13.
Mining, Apparatus for. E. C. Morgan. 1,451,101; Apr. 10.
Mining, Loading apparatus for. N. D. Levin. 1,476,897; Dec. 11.
Mining machine. G. R. Bennett. 1,470,520; Oct. 9.
Mining machine. M. P. Holmes. 1,470,570–3; Oct. 9.
Mining machine. J. M. London. 1,467,864; Sept. 11.
Mining machine. E. C. Morgan. 1,440,788–9; Jan. 2.
Mining machine. E. C. Morgan. 1,456,991; May 29.
Mining machine. E. C. Morgan. 1,474,000; Nov. 13.
Mining machine. C. S. Oldroyd. 1,460,077; June 26.
Mining machine. T. E. Pray. 1,476,726; Dec. 11.
Mining machine. J. Rechichar. 1,468,326; Sept. 18.
Mining machine. G. W. Starr and W. D. Paynter. 1,465,372; Aug. 21.
Mining machine. G. W. Starr and W. D. Paynter. 1,467,513; Sept. 11.
Mining-machine anchoring device. N. D. Levin. 1,473,729; Nov. 13.
Mining-machine bit. N. K. Bowman. 1,462,681; July 24.
Mining machine, Placer-. T. F. Harkins. 1,473,039; Nov. 6.
Mining machine, Placer-. D. K. Smith. 1,462,584; July 24.
Mining machine, Placer-. J. Tallon. 1,442,192; Jan. 16.
Mining machines, Chain cutter for. E. C. Morgan. 1,468,914; Sept. 25.
Mining machines, Cutter chain for. T. E. Pray. 1,472,736; Oct. 30.
Mining machines, Cutting apparatus for. W. J. Wilson. 1,469,132; Sept. 25.

Miners' caps. Lamp-supporting attachment for. W. Israel. 1,470,923; Oct. 16.
Mines, Arch support for. R. Novotny. 1,451,840; Apr. 17.
Mines, Method of and means for extinguishing or suffocating explosions in. H. Kruskopf. 1,476,624; Dec. 4.
Mines, Protective means for marine. J. K. M. Harrison. 1,447,951; Mar. 6.
Mineral flotation. W. O. Borcherdt. 1,446,376; Feb. 20.
Mineral or ores, Furnace for the treatment of. L. T. Lenegre. 1,467,179; Sept. 4.
Mineral-washing plant. A. France. 1,476,243; Dec. 4.
Minerals, coal, and other materials, Grid or riddle for sifting. A. Jacquelin. 1,458,299; June 12.
Minerals, Concentration of. W. O. Borcherdt. 1,445,989; Feb. 20.
Minerals, Concentration of. W. O. Borcherdt. 1,454,838; May 8.
Minerals, Concentration of. J. F. Myers. 1,446,314; Feb. 20.
Minerals, Electromagnetic separation or concentration of. W. M. Mordey. 1,463,713; July 31.
Minerals, ores, and other materials, Apparatus for crushing or reducing. H. A. Stockman. 1,468,759; Sept. 25.
Minerals, Selective flotation of. G. A. Bragg. 1,478,697; Dec. 25.
Minerals, Treatment of. W. O. Borcherdt. 1,448,515; Mar. 13.
Mineral-washing plant. A. France. 1,460,196; June 26.
Miniature cooling apparatus. A. Frhr. von Codelli. 1,468,876; Sept. 25.
Minnow, Artificial. F. I. Barnia. 1,451,436; Apr. 10.
Minnow trap. G. H. Prime. 1,474,087; Nov. 13.
Minnow trap, Collapsible. W. T. Gibbs and C. Feldpausch. 1,445,763; Feb. 20.
Mirror. R. A. Abbott. 1,467,350; Sept. 11.
Mirror and telephone mouthpiece, Combination. J. Hauenstein. 1,453,760; May 1.
Mirror, brush, or similar article. W. S. Bechtold. Des. 62,562; June 26.
Mirror, brush, or similar article. W. S. Bechtold. Des. 62,664; July 17.
Mirror, brush, or similar article. T. W. Foster. Des. 61,857; Jan. 30.
Mirror, Combination. C. Lalanne. 1,441,590; Jan. 9.
Mirror or hairbrush back. J. Salm. Des. 62,068; Mar. 13.
Mirror, Pocket. W. Krueger. 1,454,678; May 8.
Mirror, Shaving. J. Urban. 1,473,263; Nov. 6.
Mirror support. F. H. Mason. 1,461,626; July 10.
Mirror support. F. W. Zink. 1,473,273; Nov. 6.
Mirror support, Adjustable. S. S. Frazin. 1,444,599; Feb. 6.
Mirror for windshields, Adjustable. D. M. Winans. 1,478,689; Dec. 25.
Mirror, Wrist. S. Harrold. 1,453,671; May 1.
Mirrors and other articles, Adjustable bracket for. J. R. Oishei. 1,472,566; Oct. 30.
Mirrors and the like, Bracket for supporting. W. La Hodny. 1,455,441; May 15.
Mirrors, glass plates, and the like, Bracket for supporting. W. La Hodny. 1,476,758; Dec. 11.
Miter box. W. C. Ayres. 1,465,800; Aug. 21.
Miter box. O. E. Johnson. 1,447,417; Mar. 6.
Miter box. L. F. Perlick. 1,471,003; Oct. 16.
Miter box. H. Poole and G. P. Romain. 1,458,951; June 19.
Miter clamp. E. Koll. 1,442,076; Jan. 16.
Miter clamp. C. Robertson. 1,474,119; Nov. 13.
Miter gauge. J. W. Grandle. 1,442,265; Jan. 16.
Mitering attachment, Multiple-. H. B. Rubin. 1,473,521; Nov. 6.
Mitering machine. D. B. Orshal. 1,445,547; Feb. 13.
Mixer: *See*—
Cement mixer.
Concrete mixer.
Dough mixer.
Drink mixer.
Fuel mixer.
Gas mixer.
Gas and air mixer.
Liquid and gas mixer.
Material mixer.
Water mixer.
Mixer. F. J. Ball. 1,471,643; Oct. 23.
Mixer. J. O. H. Cazenove. 1,472,292; Oct. 30.
Mixer. T. G. Dempsey. 1,459,657; June 19.
Mixer. H. S. Lamb. 1,449,333; Mar. 20.
Mixer. J. J. Vandenplas. 1,475,904; Nov. 27.
Mixer and feeder. R. L. Cook. 1,476,493; Dec. 4.
Mixer and meter, Batch. H. O. Winkler. 1,451,483; Apr. 10.
Mixer and the like, Motor-driven. R. W. Poor. 1,454,223; May 8.
Mixers, Automatic control means for. J. F. Robb. 1,467,118; Sept. 4.
Mixing. D. R. McKillican. 1,477,203; Dec. 11.
Mixing and beating device. A. I. Flynt. 1,459,148; June 19.
Mixing and beating machine. H. Trust and F. M. Ashley. 1,461,468; July 10.
Mixing and beating machine. H. Trust and F. M. Ashley. 1,469,370; Oct. 2.
Mixing and cutting machine. C. W. Hottmann. 1,468,967; Sept. 25.
Mixing and kneading machine. G. B. Eggert. 1,448,438; Mar. 13.
Mixing apparatus. F. A. Browne. 1,466,638–9; Aug. 28.
Mixing apparatus. W. Clauson. 1,458,975; June 19.
Mixing apparatus. H. C. and E. A. Colburn. 1,468,226; Sept. 18.
Mixing apparatus. J. F. Goetz. 1,444,910; Feb. 13.
Mixing apparatus. A. M. Low. 1,475,638; Nov. 27.
Mixing apparatus. W. E. Palmeter. 1,453,323; May 1.
Mixing, Apparatus for. P. L. Mathews and R. M. Willis. 1,458,492; June 12.
Mixing device. L. W. Chapman. 1,446,335; Feb. 20.
Mixing device. E. F. Hulbert. 1,448,446; Mar. 13.
Mixing device. E. K. Midorikawa. 1,445,342; Feb. 13.
Mixing device. C. B. O'Nan. 1,473,508; Nov. 6.
Mixing device. H. A. Van Vleck. 1,449,310; Mar. 20.
Mixing device for materials. J. A. Mitchell. 1,449,051; Mar. 20.
Mixing machine. R. Edmondson. 1,443,735; Jan. 30.
Mixing machine. G. H. Hinchliffe. 1,446,183; Feb. 20.
Mixing machine. J. E. Kennedy. 1,456,877; May 29.
Mixing machine. F. X. Lauterbur. 1,463,744; July 31.
Mixing machine, Sand or like. J. W. Richards. 1,461,936; July 17.
Mixing machines, Door for. H. and J. H. Besser. 1,452,823; Apr. 24.
Mixing machines to the hub of mixing or agitating blades, Means for connecting the shafts of. K. Schleip. 1,445,175; Feb. 13.
Mixing machines, Whip for. P. S. Ward. 1,463,736; July 31.
Mixing materials, Method of and apparatus for. G. W. Denison. 1,462,485; July 24.
Mobile, Foot. J. H. Brown and S. Norden. 1,440,372; Jan. 2.
Moccasin. P. G. Meyer. 1,475,646; Nov. 27.
Model or toy airplane. S. T. Williams. 1,446,110; Feb. 20.
Modeling appliance. S. T. Layton. 1,449,519; Mar. 27.
Modulating and transmitting system. R. A. Heising. 1,442,146; Jan. 16.
Modulating system. R. V. L. Hartley. 1,462,038; July 17.
Modulation, Means for and method of. L. Espenschied. 1,473,674; Nov. 13.
Modulator. E. Austin. 1,449,878; Mar. 27.
Modulator. J. B. Pratt. 1,449,871; Mar. 27.
Moist heater. O. W. Scurlock and L. A. Gilbreath. 1,472,569; Oct. 30.
Moistener. L. E. Porter. 1,450,817; Apr. 3.
Moistener, Air. A. Bement. 1,456,417; May 22.
Moistener, Air. J. G. Pate. 1,465,288; Aug. 21.
Moistener, Finger. C. Jerabek and E. H. Bainbridge 1,467,040; Sept. 4.
Moistening and stamp-fixing machine, Envelope-. A. Schwanke. 1,443,386; Jan. 30.
Moistening device. T. H. Krueger. 1,473,434; Nov. 6.
Moisture to powdered materials, Method of and apparatus for adding. W. H. Carrier. 1,469,993; Oct. 9.
Moistureproof container. F. P. Wood. 1,442,775; Jan. 16.
Moistureproof container body. F. P. Wood. 1,450,476; Apr. 3.
Moistureproof fiber container. F. P. Wood. 1,467,969; Sept. 11.
Molasses, Treating. A. Wohl. 1,449,134; Mar. 20.
Mold: *See*—
Battery-strap mold.
Brick mold.
Building-block mold.
Casting mold.
Centrifugal mold.
Column mold.
Concrete mold.
Concrete-pipe mold.
Confection mold.
Culvert mold.
Die-casting mold.
Divided mold.
Fencepost mold.
Fire-brick mold.
Glass mold.
Glassworking mold.
Ingot mold.
Meat mold.
Metal mold.
Pipe mold.
Stave mold.
Tank mold.
Tile mold.
Tire mold.
Typographical mold.
Mold. W. Barnes. 1,465,724; Aug. 21.
Mold. H. R. Boals. 1,449,808; Mar. 27.
Mold. T. Coleman, jr. 1,466,640; Aug. 28.
Mold. M. J. Davin. 1,458,034; June 5.
Mold. T. De La Mare. 1,465,350; Aug. 21.
Mold. G. H. Geraerdts. 1,444,740; Feb. 6.
Mold. L. Giguere. 1,449,986; Mar. 27.
Mold. R. T. Griffiths. 1,468,904; Sept. 25.
Mold. A. H. Harris. 1,445,624; Feb. 20.
Mold. W. H. Kempton. 1,473,857; Nov. 13.
Mold. A. McCulley. 1,445,334; Feb. 13.
Mold. G. K. Monroe. 1,461,929; July 17.
Mold. A. Pipping. 1,458,847; June 12.
Mold. R. D. Smith. 1,449,789; Mar. 27.
Mold assemblage, Translational sectional-. E. E. Schenk. 1,461,940; July 17.
Mold cap. E. H. Neill. 1,445,542; Feb. 13.
Molding composition, Making a. L. Weisberg. 1,443,936; Jan. 30.
Mold construction. W. G. Kiefer. 1,444,380; Feb. 6.
Mold-facing device. W. D. Moore. 1,471,057; Oct. 16.
Mold form. N. F. Ambursen. 1,470,673; Oct. 16.
Mold form. C. C. Jones. 1,472,004; Oct. 23.

Mold-handling apparatus. J. S. Tindall. 1,452,665; Apr. 24.
Mold-material-projecting machine. S. C. Bliss. 1,472,957; Nov. 6.
Mold-material-projecting machine. E. P. Langworthy. 1,457,113; May 29.
Mold mixture. V. Lougheed. 1,457,375; June 5.
Mold or form. H. F. A. Kleinschmidt. 1,451,264; Apr. 10.
Mold plungers, Making. E. Pascucci. 1,471,804; Oct. 23.
Mold structure. B. A. Knudson. 1,468,570; Sept. 18.
Molded compressed articles, Machine for making. C. Hunt. 1,444,878; Feb. 13.
Molder's press. W. J. MacNeill. 1,450,892; Apr. 3.
Molding. E. H. Hart. 1,476,509; Dec. 4.
Molding. E. J. Lowry. 1,466,309; Aug. 28.
Molding. L. P. Ohlinger and A. R. Reid. 1,442,730; Jan. 16.
Molding and trim rail, Drip. J. Galamb. 1,477,752; Dec. 18.
Molding apparatus. K. Engel. 1,464,501; Aug. 14.
Molding apparatus. J. F. Parsons. 1,458,145; June 12.
Molding apparatus and process, Ware-. V. E. Schmeideknecht. 1,461,563; July 10.
Molding form. H. Rustad. 1,454,189; May 8.
Molding flask. L. S. Greenberg. 1,472,975; Nov. 6.
Molding flask. G. A. Glenn. 1,472,646; Oct. 30.
Molding machine. A. Allen and T. J. Mumford, 2d. 1,474,612; Nov. 20.
Molding machine. E. O. Beardsley and W. F. Piper. 1,476,134–5; Dec. 4.
Molding machine. E. J. Brach. 1,442,119; Jan. 16.
Molding machine. J. F. Caldwell. 1,449,144; Mar. 20.
Molding machine. J. D. Daughdrill. 1,451,323; Apr. 10.
Molding machine. W. H. De Vaney. 1,471,651; Oct. 23.
Molding machine. P. Dhé. 1,457,216; May 29.
Molding machine. F. T. Dickinson. 1,476,056; Dec. 4.
Molding machine. P. Friis and H. A. Wahlen. 1,448,924; Mar. 20.
Molding machine. G. L. Grimes. 1,447,300; Mar. 6.
Molding machine. H. E. Henricks. 1,461,145; July 10.
Molding machine. C. E. Johnson. 1,471,033; Oct. 16.
Molding machine. W. P. Krause. 1,459,221; June 19.
Molding machine. F. E. Layman. 1,444,617; Feb. 6.
Molding machine. W. Lewis. 1,456,319; May 22.
Molding machine. W. H. Nicholls. 1,472,807; Nov. 6.
Molding machine. C. L. Norton. 1,441,366; Jan. 9.
Molding machine. J. T. Pokorny. 1,473,044; Nov. 6.
Molding machine. J. Stone and B. G. Perry. 1,458,897; June 12.
Molding machine. J. T. and R. E. Stoney. 1,470,402; Oct. 9.
Molding machine. H. Tolbert. 1,474,862; Nov. 20.
Molding machine. F. J. Wood. 1,451,249; Apr. 10.
Molding machine, Block-. N. W. Hartman. 1,447,978; Mar. 13.
Molding machine, Concrete-block-. H. E. Williams. 1,468,065; Sept. 18.
Molding machine for plastic materials. F. E. Beam. 1,456,174; May 22.
Molding machine, Portable. E. O. Beardsley. 1,472,784; Nov. 6.
Molding machine, Roll-over. W. Lewis. 1,456,318; May 22.
Molding machines, Compressor for. A. M. Jones. 1,475,017; Nov. 20.
Molding machines, Roll-over mechanism for. G. L. Grimes. 1,447,301; Mar. 6.
Molding machines, Turnover plate and pattern for. E. B. Norris. 1,441,166; Jan. 2.
Molding press. J. H. Ordway. 1,443,378; Jan. 30.
Molding press. E. W. Thiele. 1,451,378; Apr. 10.
Molding press. J. E. Neumaier. 1,469,429; Oct. 2.
Molding presses, Heating or cooling plate for. C. F. Burroughs. Re15,608; May 22.
Moldings, Apparatus for casting and cooling. A. Moetteli. 1,448,565; Mar. 13.
Molds, Apparatus for making open. E. Schiegries. 1,450,871; Apr. 3.
Molds and forming the same, Protective material for. H. A. Myers and A. D. Straw. 1,454,068; May 8.
Molds, Coating. A. D. Straw. 1,474,009; Nov. 13.
Molds, Coating for metal. D. H. Meloche. 1,453,593; May 1.
Molds, Machine for delivering cores to. H. A. Myers. 1,461,222; July 10.
Molds, Machine for filling. L. Montupet. 1,473,246; Nov. 6.
Molds, Making. T. D. Lucier. 1,467,112; Sept. 4.
Molds, Matrix device for. P. Kucera. 1,453,277; May 1.
Molds, Means for filling. W. S. Hildebrand. 1,452,381; Apr. 17.
Molds, Means for removing articles from. J. A. Lewis and A. C. Crimmel. 1,478,126; Dec. 18.
Momentum-operated brake. J. Coutinho da Nobrega. 1,455,325; May 15.
Monel and other hard metals, Drawing. L. H. Brinkman. 1,440,527; Jan. 2.
Money-changing machine. S. B. Hunter. 1,470,841; Oct. 16.
Money chests and the like, Mold for manufacturing. W. K. Thörig. 1,459,120; June 19.
Money-paying device. N. White. 1,454,303; May 8.
Money-paying machine. W. H. Mann. 1,466,239; Aug. 28.
Mono and bis p. monoalkyl (CH_3, C_2H_5, C_5H_{11}, etc., CH_2CO_2H) aminophenylarsenic acids, Manufacture of. C. J. Oechslin. 1,440,621; Jan. 2.
Monolithic building. C. J. M. Lancette. 1,456,806; May 29.
Monorail carrier. M. R. Hutchison. 1,477,494; Dec. 11.
Monorail carrier. F. R. Cornwall. 1,469,998; Oct. 9.
Monorail frog. W. Schwier. 1,450,758; Apr. 3.
Monorail, Lateral-support. H. M. Dobbins. 1,445,612; Feb. 13.
Monorail structure. T. H. Wright. 1,454,804; May 8.
Monorail system. F. R. Cornwall. 1,469,997; Oct. 9.
Monument. R. A. Smith. Des. 61,810; Jan. 16.
Mop. C. W. Carter. 1,449,586; Mar. 27.
Mop. J. F. Etter. 1,444,116; Feb. 6.
Mop. T. J. Finton. 1,459,525; June 19.
Mop. W. H. Glenn. 1,474,930; Nov. 20.
Mop. J. L. Joyce. 1,454,544; May 8.
Mop. C. Jumonville. 1,467,324; Sept. 11.
Mop. W. and A. C. Kootz. 1,470,014; Oct. 9.
Mop. M. J. Kroll. 1,466,052; Aug. 28.
Mop. S. B. McHenry. 1,450,098; Mar. 27.
Mop. W. J. McKeever. 1,450,556; Apr. 3.
Mop. M. P. and J. McNaughton. 1,450,445; Apr. 3.
Mop. A. Morrison. 1,454,940; May 15.
Mop. F. W. Pendergast. 1,461,762; July 17.
Mop. P. P. Quinlan. 1,450,008; Mar. 27.
Mop. W. Ritschard. 1,477,900; Dec. 18.
Mop. F. P. Toof. 1,468,422; Sept. 18.
Mop. H. Tscherning. 1,468,423; Sept. 18.
Mop. C. M. Williams. 1,469,568; Oct. 2.
Mop. W. H. Zackry. 1,476,317–18; Dec. 4.
Mop and brush handle, Adjustable. W. T. Clickner. 1,441,067; Jan. 2.
Mop and wringer, Combined. P. Dullaardt. 1,442,797; Jan. 23.
Mop-cutting machine. W. Severns. 1,470,649; Oct. 16.
Mop, Floor. A. J. Hanke. 1,474,031; Nov. 13.
Mop, Floor and wall. J. F. Kelly. 1,456,696; May 29.
Mop-handle fastener. J. W. Doty. 1,444,416; Feb. 6.
Mop head. H. Bregman. 1,447,338; Mar. 6.
Mop head. W. E. Burtz. 1,471,942; Oct. 23.
Mop head. F. C. Hoffman. 1,465,436; Aug. 21.
Mop head. W. H. Jayne. 1,478,339; Dec. 18.
Mop holder. W. J. Dennis. 1,464,500; Aug. 14.
Mop holder. W. Feth. 1,475,479; Nov. 27.
Mop holder. C. E. Koester, jr. 1,458,063; June 5.
Mop holder. H. K. Kumpunen. 1,462,794; July 24.
Mop holder. J. Mikenas. 1,454,978; May 15.
Mop holder. H. M. Van Deusen. 1,451,600; Apr. 10.
Mop holder. W. T. Whitaker. 1,441,253; Jan. 9.
Mop holder and wringer. E. M. McNamara. 1,450,673; Apr. 3.
Mop material. H. I. Klawans. 1,469,940; Oct. 9.
Mop, Polishing. H. R. Chick, F. O. Helliwell, and W. Plumbridge. 1,466,989; Sept. 4.
Mop, Polishing. F. J. Learman. 1,461,003; July 3.
Mop, Polishing. H. M. Sturgis. 1,475,521; Nov. 27.
Mop, Sanitary broom. M. B. Dickson. 1,476,396; Dec. 4.
Mop truck. W. S. Finnell. 1,476,961; Dec. 11.
Mop wringer. F. A. Eaton. 1,452,798; Apr. 24.
Mop wringer. J. D. Garvey. 1,457,568; June 5.
Mop wringer. W. M. Portner. 1,475,083; Nov. 20.
Mop wringer. E. P. Poulsen. 1,463,750; July 31.
Mopping vehicle. H. Dilas. 1,453,450; May 1.
Mops, Connector for. C. Cabana. 1,453,745; May 1.
Mops, Scrub-brush attachment for. B. I. Laukhuf. 1,444,616; Feb. 6.
Mopstick. N. C. Hall. 1,476,400; Dec. 4.
Mortar, Acidproof. P. G. Ekström. 1,456,303; May 22.
Mortar-forming material from anhydrite, Manufacturing. F. Hartner. 1,470,731; Oct. 16.
Mortar gauge. J. Walker. 1,478,776; Dec. 25.
Mortise lock. J. Croning. 1,461,756; July 17.
Mortise lock. E. Hoffman. 1,466,298; Aug. 28.
Mortise lock. J. E. Hjort. 1,464,473; Aug. 7.
Mortiser, Portable. J. H., E. J., and W. B. French. 1,463,808; Aug. 7.
Mortising and boring machine. C. G. Wilderson. 1,471,993; Oct. 23.
Mortising device. P. L. Billingsley. 1,449,083; Mar. 20.
Mortising machine. G. E. Norris. 1,469,170; Sept. 25.
Mortising or slotting device. P. L. Billingsley. 1,449,084; Mar. 20.
Moth destroying and repelling device. W. J. Duddleson and C. L. Slusher. 1,478,208; Dec. 18.
Mothproof bag. B. Bernstein. 1,463,002; July 24.
Moth-repellant holders, Support for. S. H. Bishop and J. Q. Slye. Re15,588; May 1.
Motion into an intermittent motion, Means for converting a continuous rotary. G. Michetti. 1,473,493; Nov. 6.
Motion, Mechanism for converting rotary into oscillatory. R. Goldschmidt. 1,452,038; Apr. 17.
Motions representing a function of two independent variables in calculating apparatus, Mechanism for producing. A. Barr and W. Stroud. 1,460,221; June 26.
Motometer-locking device. E. C. Renaud. 1,441,115; Jan. 2.

Motor: *See*—
Aeronautical motor.
Air motor.
Commutator motor.
Current motor.
Current induction motor.
Cylinder motor.
Draft motor.
Electric motor.
Fluid motor.
Fluid-pressure motor.
Hydraulic motor.
Hydrocarbon motor.
Internal-combustion motor.
Jig-conveyer motor.
Liquid motor.
Multicylinder internal-combustion motor.
Outboard motor.
Phonograph motor.
Sewing-machine motor.
Ship's motor.
Spring motor.
Tide motor.
Trigger motor.
Turbine motor.
Water motor.
Water-power motor.
Wave motor.
Wind motor.

Motor. J. W. Bishop. 1,476,683; Dec. 11.
Motor. F. Hornby. 1,454,969; May 15.
Motor. W. J. Mackle. 1,445,337; Feb. 13.
Motor. J. C. Osher. 1,476,005; Dec. 4.
Motor, Air. H. M. Graw. 1,464,575; Aug. 14.
Motor and compressor, Convertible pneumatic. C. J. Dewey. 1,446,291; Feb. 20.
Motor and drive connections, Mounting means for. E. Tyden. 1,444,285; Feb. 6.
Motor and means for controlling the same. E. V. Hartford. 1,461,001; July 3.
Motor and other cycle. J. T. Sentrop, jr. 1,453,326; May 1.
Motor base support, Electric-. W. Shurtleff. 1,440,498; Jan. 2.
Motor construction. J. D. Nies. 1,476,412; Dec. 4.
Motor control. F. B. Anderson. 1,477,926; Dec. 18.
Motor control. J. Eaton. 1,455,194; May 15.
Motor control. N. L. Mortensen. 1,448,563; Mar. 13.
Motor control. W. G. Thomas. 1,441,310; Jan. 9.
Motor-control means and system and method. R. Kysela. 1,458,304; June 12.
Motor-control means and system and method. R. Kysela. 1,461,917; July 17.
Motor-control system. E. M. Bouton. 1,448,382; Mar. 13.
Motor-control system. A. H. Candee. 1,469,210; Oct. 2.
Motor-control system. R. E. Hellmund. 1,460,157; June 26.
Motor-control system. H. D. James. 1,455,618; May 15.
Motor-control system. H. H. Johnston and D. C. Peabody. 1,469,219; Oct. 2.
Motor-control system. B. W. Jones and E. C. Gooch. 1,460,062; June 26.
Motor-control system. R. T. Kintzing. 1,454,853; May 15.
Motor-control system. H. D. Murdock. 1,475,854; Nov. 27.
Motor-control system. G. B. Scheer. 1,455,668; May 15.
Motor-control system. W. R. Taliaferro. 1,454,867; May 15.
Motor control, System and apparatus for. J. A. Hepperlen. 1,472,001; Oct. 23.
Motor-control system, Electric-. T. Zweigbergk. 1,457,920; June 5.
Motor control therefor, Planer and system of. H. L. Blood. 1,472,824; Nov. 6.
Motor controller. T. E. Barnum. 1,462,476; July 24.
Motor controller. H. W. Cheney. 1,450,898; Apr. 3.
Motor controller. E. I. Deutsch. 1,446,642; Feb. 27.
Motor controller. A. J. Horton. 1,466,902; Sept. 4.
Motor controller. R. B. Hunter. 1,464,712; Aug. 14.
Motor controller. E. W. Seeger. 1,477,774; Dec. 18.
Motor controller. C. W. Yerger. 1,452,542; Apr. 24.
Motor controller. C. W. Yerger. 1,460,562; July 3.
Motor controller, Electric-. L. Kebler. 1,478,713; Dec. 25.
Motor controller, Electric-. H. N. Wade. 1,454,527; May 8.
Motor-cooling system. C. P. Byrnes. 1,473,668; Nov. 13.
Motor cycle and aeroplane. B. Johnson. 1,465,913; Aug. 21.
Motor-cycle and like saddle. G. H. Champ and G. E. O. Kay. 1,473,462; Nov. 6.
Motor-cycle attachment. H. G. Eyre and C. H. Crites. 1,473,956; Nov. 13.
Motor-cycle attachment. J. Lake, jr. 1,445,440; Feb. 13.
Motor-cycle attachment. C. S. Williams. 1,457,241; May 29.
Motor-cycle saddle or seat. F. Vetter. 1,469,742; Oct. 2.
Motor-cycle starting device. R. W. Smith. 1,469,116; Sept. 25.
Motor-cycle support. J. S. Eslick. 1,451,210; Apr. 10.
Motor cycles and like vehicles, Spring suspension device for. G. F. Shepherd. 1,476,651; Dec. 4.
Motor cycles, bicycles, and like vehicles employing handle bars, Cushioning device for handle bars of. M. Rosen. 1,468,835; Sept. 25.
Motor cycles, cycles, and the like, Saddle or seat of. R. W. Smith. 1,458,909; June 12.
Motor cycles, Handle attachment for. M. Slawienski. 1,473,326; Nov. 6.
Motor cycles, Resilient suspension device for the front wheels of. S. Whiting. 1,455,948; May 22.
Motor cycles, Reversing device for. S. L. Barlough. 1,469,984; Oct. 9.
Motor cycles, Side car for. J. O. Johnston. 1,461,759; July 17.
Motor cycles, Side car for. H. H. Powell and W. Shackleton. 1,448,039; Mar. 13.
Motor cycles, Side car of. J. A. Yeats and A. S. Swan. 1,459,387; June 19.
Motor cycles, Spring suspension for. M. T. G. Wesson. 1,458,506; June 12.
Motor cycles, Strut or side rest for. H. Mohr. 1,446,390; Feb. 20.
Motor drive. H. E. Warren. 1,456,082; May 22.
Motor-driven apparatus. J. Clayton. 1,443,214; Jan. 23.
Motor-driven generator, Air-. E. Lunn. 1,444,620; Feb. 6.
Motor-driven manicuring device. G. W. Moore. 1,475,022; Nov. 20.
Motor-driven mixer. S. J. Poplawski. 1,475,197; Nov. 27.
Motor drives, Governor for electric. E. E. Mellenthin. 1,469,802; Oct. 9.
Motor-driving mechanism. J. S. Coldwell. 1,473,015; Nov. 6.
Motor driving, steering, and reversing mechanism, Outboard-. J. R. Alexander. 1,467,521; Sept. 11.
Motor fan, Adjustable. G. V. Domarus, jr. 1,455,910; May 22.
Motor-feed-regulating device. K. Maybach. 1,444,159; Feb. 6.
Motor for small craft, Outboard. L. J. Johnson. 1,467,641; Sept. 11.
Motor head. L. Chevrolet. 1,474,511; Nov. 20.
Motor housings, Guard for. H. T. Pierson. 1,447,034; Feb. 27.
Motor, Hydrocarbon. H. D. Church. 1,443,006; Jan. 23.
Motor, Internal-combustion. R. Klossner. 1,464,282; Aug. 7.
Motor meter. H. A. Adams. 1,457,481; June 5.
Motor meter. W. H. Manns. 1,441,363; Jan. 9.
Motor-meter-illuminating device. P. W. Pulig. 1,469,694; Oct. 2.
Motor mounting. C. C. Hinkley. 1,442,886; Jan. 23.
Motor-operated implement. C. Pearson. 1,441,021; Jan. 2.
Motor protector. G. C. Willis. 1,456,663; May 29.
Motor, pump, and the like, Rotary. F. C. T. Colebrook. 1,467,837; Sept. 11.
Motor-repair stand. C. W. Dickover and E. W. Henry. 1,464,065; Aug. 7.
Motor scraper. H. Higham. 1,478,517; Dec. 25.
Motor set, Intermittingly-operating. R. S. Smith and J. L. Adams, jr. 1,450,339; Apr. 3.
Motor-spring-securing means. J. C. Clark. 1,478,173; Dec. 18.
Motor stand. J. H. Staley. 1,469,734; Oct. 2.
Motor stand. C. R. Wigness and H. W. Sahl. 1,471,992; Oct. 23.
Motor starter and gear shifter, Combined. H. J. Murray. 1,478,243; Dec. 18.
Motor starter, Automatic. B. W. Jones. 1,475,185; Nov. 27.
Motor starter, Automatic. L. J. Weber and E. C. Gooch. 1,477,405; Dec. 11.
Motor-starting switch. B. E. Getchell. 1,477,871; Dec. 18.
Motor support. W. C. Serrell and C. E. Widmeyer. 1,463,406; July 31.
Motor support, Flexible. W. I. Ballentine. 1,463,568; July 31.
Motor support, Portable. R. Di Carlo. 1,440,721; Jan. 2.
Motor suspension. O. E. Barthel. 1,457,486; June 5.
Motor switch, Automatic. T. O. Perry. 1,473,441; Nov. 6.
Motor switch, Electric-. M. H. Spielman and A. R. Goldrick. 1,474,180; Nov. 13.
Motor system, Intermittingly-operating. R. S. Smith and J. L. Adams, jr. 1,450,340; Apr. 3.
Motor system with direct transmission. R. Esnault-Pelterie. 1,459,019; June 19.
Motor unit with aerial propeller, Removable. A. Lamblin. 1,443,368; Jan. 30.
Motor vehicles, Street-indicating and advertising device for P. Radoccia. 1,448,040; Mar. 13.
Motors, Adjustable bearing for spring. E. E. Wilkinson and S. Aronson. 1,461,858; July 17.
Motors and generators, Brush rigging for electric. A. G. Sutcliffe. 1,477,606; Dec. 18.
Motors and propellers, Feathering mechanism for paddle-type stream. J. F. and J. E. Barrett and F. A. Wyatt. 1,465,593; Aug. 21.
Motors and testing bearings thereof, Machine for handling. A. T. Radke and J. Klancke. 1,468,397; Sept. 18.
Motors and the like, Thermal controller for electric. J. R. White. 1,447,194; Mar. 6.
Motors, Assembling middle bearings for internal-combustion. A. H. Leipert. 1,457,115; May 29.
Motors, Attachment for internal-combustion. W. B. Young. 1,456,527; May 29.
Motors, Audible alarm for coolers for internal-combustion. E. L. Wilkisson. 1,442,457; Jan. 16.
Motors, Audible alarm for coolers for internal-combustion. E. L. Wilkisson. 1,443,158; Jan. 23.
Motors, Automatic controller for. J. C. and F. L. De Laney. 1,461,268; July 10.
Motors, Automatic liquid starter for alternating and three-phase current. J. Lewin. 1,447,026; Feb. 27.

Motors, Automatic vapor feed for hydrocarbon. I. Cowles. 1,466,425; Aug. 28.
Motors, Bearing-housing for electric. C. W. Starker. 1,475,894; Nov. 27.
Motors, Compensator for induction. H. F. Stratton. 1,460,926; July 3.
Motors, Compound regulating set for induction. W. Seiz. 1,453,529; May 1.
Motors, Controller for. C. W. Plehaty. 1,452,472; Apr. 17.
Motors, Controller for electric. T. E. Barnum. 1,446,443; Feb. 27.
Motors, Controller for electric. C. E. Fairburn. 1,464,245; Aug. 7.
Motors, Controller for electric. N. L. Mortensen. 1,449,239; Mar. 20.
Motors, Controlling mechanism for electric. W. Davis. 1,449,500; Mar. 27.
Motors, Controlling sewing-machine. D. S. Maimin and T. Veitch. 1,449,828; Mar. 27.
Motors, Cooling system for. O. M. Lundene. 1,443,627; Jan. 30.
Motors, Crank for internal-combustion. R. Tesoro. 1,467,016; Sept. 4.
Motors, Cranking means for starting internal-combustion. C. H. Biederman. 1,444,864; Feb. 13.
Motors, Device for air cooling dustproof fan. M. H. Spielman. 1,460,146; June 26.
Motors driving through clutches, System of control for synchronous. R. I. Maujer. 1,474,976; Nov. 20.
Motors, Engine-reversing shaft in explosion. V. Rembold. 1,469,443; Oct. 2.
Motors, Fan structure for air-cooled. J. Bilan. 1,476,137; Dec. 4.
Motors, Fuel mixer for explosion. W. J. Bernett. 1,447,640; Mar. 6.
Motors, Fuel vaporizer for internal-combustion. T. H. Jameson, L. G. Martin. 1,463,920; Aug. 7.
Motors, Governing valve for internal-combustion. H. R. Jackson. 1,461,847; July 17.
Motors, Liquid fuel for. A. A. Backhaus. 1,474,135; Nov. 13.
Motors, Liquid pump for hydrocarbon. G. B. Maegly. 1,448,757; Mar. 20.
Motors, Lock for gasoline supply for. C. D. Firster. 1,443,530; Jan. 30.
Motors, Locking device for. F. L. Remy. 1,475,447; Nov. 27.
Motors, Locking device for independent rotation. L. C. Bayles and F. M. Slater. 1,472,382; Oct. 30.
Motors, Means for preventing needless idling of internal-combustion. R. Watson. 1,442,311; Jan. 16.
Motors, Means for regulating the speed of electric. W. Schäffer. 1,448,902; Mar. 20.
Motors, Method of and means for fuel injection for internal-combustion. J. H. Suter. 1,477,984; Dec. 18.
Motors, Mounting for electric. A. F. Batchelder. 1,462,998; July 24.
Motors, Oil and air separator for rotary. F. M. Slater. 1,441,638; Jan. 9.
Motors, Overload protective device for electric. E. Newnham. 1,460,556; July 3.
Motors, Regeneration of alternating-current commutator. L. M. Perkins. 1,440,490; Jan. 2.
Motors, Regeneration of single-phase. J. M. Labberton. 1,448,410; Mar. 13.
Motors, Rotor for induction. E. C. Ballman. 1,478,164; Dec. 18.
Motors, Sparking device for internal-combustion. A. C. Hempel. 1,476,252; Dec. 4.
Motors, Speed control of D. C. F. A. Byles. 1,441,482; Jan. 9.
Motors, Speed governor for pneumatic. W. C. Collignon. 1,460,705; July 3.
Motor-starting devices, Disruptable pin for. F. E. Anderson. 1,466,780; Sept. 4.
Motors, Tiller for outboard. L. J. Johnson. 1,459,734; June 26.
Motors, Time limit, current limit control for electric. L. W. Thompson. 1,442,310; Jan. 16.
Motorists, Refreshment booth for. J. K. Hockaday. 1,459,628; June 19.
Mounting device, Universal. L. D'Eyraud. 1,446,164; Feb. 20.
Mounting machine. W. M. Carter. 1,477,032; Dec. 11.
Mounting member. E. H. and R. H. Binns. 1,477,100; Dec. 11.
Mouse and rat trap. E. H. Samuelson. 1,446,130; Feb. 20.
Mouse and rat trap. A. Sokola. 1,447,491; Mar. 6.
Mousetrap. C. J. Proctor. 1,466,102; Aug. 28.
Mouth adjuster. G. T. Epling. 1,471,839; Oct. 23.
Mouth-cleansing apparatus. R. L. Hatcher and H. A. Parr. 1,466,474; Aug. 28.
Mouth gag and tongue depressor, Combination. J. Duke. 1,444,370; Feb. 6.
Movement and base therefor, Mechanical. C. F. Henry and J. M. Hulett. 1,452,273; Apr. 17.
Movement, Instrument for transmitting angular. L. E. Hildebrand and D. P. Thomson. 1,477,827; Dec. 18.
Movement, Mechanical. J. Allingham. 1,459,963; June 26.
Movement, Mechanical. A. C. Day. 1,460,194; June 26.
Movers, Speed-controlling apparatus for priming. J. G. Aceves. 1,466,036; Aug. 28.
Moving bodies from a distance, System for controlling. J. H. Hammond, jr. 1,473,149; Nov. 6.
Mower. C. Lorenson. 1,470,989; Oct. 16.
Mower. F. S. Thompson. 1,469,546; Oct. 2.
Mower extension handle, Lawn-. C. Cutler. 1,441,144; Jan. 2.
Mower, Lawn. F. B. Andrews. 1,441,141; Jan. 2.
Mower, Lawn. J. T. Bahnsen. 1,441,720; Jan. 9.
Mower, Lawn. G. F. Bull. 1,466,787; Sept. 4.
Mower, Lawn. A. Johnston. 1,443,540; Jan. 30.
Mower, Lawn. J. W. Peters. 1,461,323; July 10.
Mower, Lawn. J. W. Peters. 1,469,603; Oct. 2.
Mower, Lawn. M. H. Reed. 1,444,387; Feb. 6.
Mower, Lawn. E. W. Simmons. 1,459,998; June 26.
Mower, Lawn. W. E. Tate, sr. 1,454,912; May 15.
Mower, Lawn. B. J. Walker. 1,468,425; Sept. 18.
Mower, Motor-driven lawn. A. J. Dremel. 1,452,730; Apr. 24.
Mower, Power-driven lawn. G. F. Bull and E. W. Starkey. 1,446,414; Feb. 20.
Mower, Tractor lawn. W. H. Baldwin. 1,451,807; Apr. 17.
Mowers, Attachment for lawn. H. F. W. Kohlbach. 1,457,309; June 5.
Mowers, Cutter and guard for. W. N. Coleman, jr. 1,454,704; May 8.
Mowers, Cutter bar for lawn. E. C. Lane. 1,461,532; July 10.
Mowers, Guard for lawn. W. E. Quimby. 1,459,034; June 19.
Mowers, Skipping and jumping preventing means for. R. C. Murphy. 1,446,265; Feb. 20.
Mowing machine. A. S. Christensen. 1,449,732; Mar. 27.
Mowing machine. J. V. Nielsen. 1,447,881; Mar. 6.
Mowing machine. C. H. Pelton and G. C. Rhoderick. 1,473,863; Nov. 13.
Mowing machine and cutter therefor. H. H. Montague. 1,465,279; Aug. 21.
Mowing-machine attachment. E. E. Kranz. 1,464,430; Aug. 7.
Mowing-machine sickle bars, Attachment for. G. W. Clinkinbeard. 1,451,680; Apr. 17.
Mucilage receptacle. R. G. Kraeuter. 1,447,213; Mar. 6.
Mucin-dissolving agent. C. C. Vogt. 1,471,987; Oct. 23.
Mucker. E. W. Smith. 1,456,043; May 22.
Mud boot, Emergency. C. Dabney. 1,476,597; Dec. 4.
Mud guard. T. Hilton. 1,454,738; May 8.
Mud hook. C. C. Gray. 1,444,182; Feb. 6.
Mud shoe. D. Palmer. 1,446,265; Feb. 20.
Muffle furnace. C. F. Geiger. 1,464,248; Aug. 7.
Muffler. G. W. Allen. 1,457,809; June 5.
Muffler. W. H. Bands. 1,466,037; Aug. 28.
Muffler. T. E. Genthner and A. L. Stevens. 1,453,932; May 1.
Muffler. F. J. Herdle. 1,465,904; Aug. 21.
Muffler. E. Jones. 1,473,235; Nov. 6.
Muffler and cut-out, Combined. J. F. Goetz. 1,447,380; Mar. 6.
Muffler and vaporizer, Combined. P. Dunlap. 1,460,664; July 3.
Muffler-controlling device. J. F. Goetz. 1,449,395; Mar. 27.
Muffler cut-out. W. H. Cryan. 1,472,514; Oct. 30.
Muffler cut-outs, Controlling device for. J. Hadka. 1,453,624; May 1.
Muffler, Exhaust. C. G. Stockton. 1,452,056; Apr. 17.
Muffler-exhaust deflector. A. O. Truelson. 1,442,196; Jan. 16.
Mug, Shaving. E. Ciechomski. 1,466,040; Aug. 28.
Mulches, Machine for laying. N. B. McGuire and A. Guild. 1,471,796; Oct. 23.
Mule bank. N. S. Eberhardt and A. E. Hackett. 1,454,539; May 8.
Multifrequency generator. F. Lowenstein. 1,477,271; Dec. 11.
Multiple purchase jack. J. Dronsfield. 1,472,357; Oct. 30.
Multiple-spindle drill head. G. Hey and J. A. Wilding. 1,470,735; Oct. 16.
Multiplying machine. R. Joksch. 1,467,042; Sept. 4.
Muriatic-acid tank, Transportable. J. M. Rowland. 1,476,421; Dec. 4.
Music cabinet. M. M. Swain. 1,464,890; Aug. 14.
Music-duplicating machine, Perforated-. S. W. Warner. 1,443,400; Jan. 30.
Music-leaf turner. T. P. Briody. 1,446,333; Feb. 20.
Music-leaf turner. A. P. Fern. 1,443,120; Jan. 23.
Music-leaf turner. F. Mash. 1,462,715; July 24.
Music-leaf turner. A. H. Mills. 1,460,265; June 26.
Music-leaf turner. S. Trachtenberg. 1,458,959; June 19.
Music-notation device, Elementary-. C. H. Randolph. 1,450,868; Apr. 3.
Music or the selecting and combining of colors, Indicator applicable to the teaching of. M. S. Florence. 1,467,032; Sept. 4.
Music-playing instruments, Music roll for automatic. N. R. Stiles. 1,442,010; Jan. 9.
Music-record reels, Carton for. J. J. Wiegand. 1,445,426; Feb. 13.
Music roll and apparatus for making same. J. A. Fisher. 1,476,358; Dec. 4.
Music-roll container. C. S. Burton. 1,459,439; June 19.

Music-roll container. B. V. O'Neill. 1,460,978; July 3.
Music-roll-controlling mechanism. S. S. Cramer. 1,449,090; Mar. 20.
Music-roll-supporting clamp. F. C. Billings. 1,441,824; Jan. 9.
Music-roll tubes, Apparatus for applying heads to. W. Snyder. 1,462,305; July 17.
Music rolls and the like, Container for. C. S. Burton. 1,447,960–1; Mar. 13.
Music rolls, Apparatus for winding. N. C. Ferris. 1,452,965; Apr. 24.
Music rolls, Substitute end fastener for. S. W. Harris. 1,456,309; May 22.
Music sheet, Attachment for. M. M. Brown. 1,456,670; May 29.
Music sheet. F. R. Miller. 1,473,495; Nov. 6.
Music-sheet feeder. B. E. Mills. 1,443,584; Jan. 30.
Music-turning device. L. Pinell and C. C. Loop. 1,454,766; May 8.
Musical instrument. W. Bartholomae. 1,444,722; Feb. 6.
Musical instrument. J. Matyas. 1,443,961; Feb. 6.
Musical instrument, Automatic. H. Bockisch. 1,440,763; Jan. 2.
Musical instrument, Automatic. T. P. Brown. 1,452,491; Apr. 24.
Musical instrument, Automatic. J. H. Dickinson. 1,444,832; Feb. 13.
Musical instrument, Foot-operated. F. T. Ingersoll. 1,463,509; July 31.
Musical instrument operated by air under control of perforated tune sheets. R. Reynolds. 1,440,746; Jan. 2.
Musical instrument, Pneumatically-operated. M. W. Obermiller. 1,448,234; Mar. 13.
Musical-instrument rack. R. E. Larson. 1,461,920; July 17.
Musical-instrument string. R. A. Olson. 1,468,323 Sept. 18.
Musical instrument, Stringed. E. N. Guckert. Des. 62,235; Apr. 24.
Musical-instrument support. C. T. Hindley. 1,464,279 Aug. 7.
Musical-instrument tone amplifier. J. Pacheco. 1,469,948; Oct. 9.
Musical instruments, Automatic music-roll carrier and centering device for pneumatic. W. G. Betz. 1,444,364; Feb. 6.
Musical instruments, Bow for. C. D. Rigg. 1,461,096; July 10.
Musical instruments, Bridge for stringed. J. G. Jones. 1,459,057; June 19.
Musical instruments, Bridge for stringed. E. W. Plate. 1,449,777; Mar. 27.
Musical instruments, Means for instruction with respect to. J. C. Hagey and T. E. Kavanaugh. 1,461,241; July 10.
Musical instruments, Mouthpiece-connecting device and tuning slide for wind. W. Gemeinhardt. 1,443,122; Jan. 23.
Musical instruments, Mouthpiece for. E. Miller. 1,441,596; Jan. 9.
Musical instruments, Mute for. J. C. Turner. 1,445,115; Feb. 13.
Musical instruments, Mute for stringed. A. D. Grover. 1,454,923; May 15.
Musical instruments, Neck for. T. J. McHugh. 1,446,758; Feb. 27.
Musical instruments, Note sheet for automatic. H. Bockisch. 1,470,550; Oct. 9.
Musical instruments, Pick for. H. Orth. 1,444,982; Feb. 13.
Musical instruments, Pneumatic action for. W. E. Austin. 1,454,259; May 8.
Musical instruments, Pneumatically-controlled regulator for. E. Welte. 1,467,889; Sept. 11.
Musical instruments, Pressure regulator for. T. F. Cheek. 1,455,900; May 22.
Musical instruments, Self-playing. L. B. Doman. 1,440,662; Jan. 2.
Musical instruments, Torch holder for. E. B. and A. B. Medeiros. 1,452,977; Apr. 24.
Musical instruments, Tuning device for stringed. H. O. Hammer. 1,452,075; Apr. 17.
Musical-note-indicating attachment. G. W. Stewart. 1,465,879; Aug. 21.
Musical stringed instruments, Bridge for. A. D. Grover. 1,447,174; Mar. 6.
Musical stringed instruments, Tension device for. B. E. Mills. 1,441,702; Jan. 9.
Musical whistle. F. P. Ferris. 1,443,569; Jan. 30.
Musical wind instruments, Machine for facing mouth pieces of. E. Bercioux. 1,452,953; Apr. 24.
Mustard and other condiments, Receptacle for. A. J. Greaves. 1,455,333; May 15.
Mute. A. Navach. 1,448,232; Mar. 13.
Muzzle. C. M. Rasmussen. 1,468,416; Sept. 18.
Muzzle, Brood-sow. C. F. Brecht. 1,459,904; June 26.
Muzzle, Dog. J. Veres. 1,474,303; Nov. 13.
Nail and nail string. J. A. Brogan. 1,440,579; Jan. 2.
Nail and tack, Capped. L. Daniel. 1,459,877; June 26.
Nail, Bracket. D. Friedman. 1,468,661; Sept. 25.
Nail buffer. J. Lupo, jr. 1,470,857; Oct. 16.
Nail-cleaning compound, Finger-. C. W. Eads. 1,467,614; Sept. 11.
Nail-driving device. C. Schmidt. 1,457,552; June 5.
Nail expansion. H. W. Pleister. 1,476,833–5; Dec. 11.
Nail-expansion method. H. W. Pleister. 1,476,836; Dec. 11.
Nail-extracting apparatus. A. Piaser. 1,462,045; July 17.
Nail fastener. H. W. Pleister and J. Karitzky. 1,476,837; Dec. 11.
Nail-forming machine. T. J. Alexander. 1,442,989; Jan. 23.
Nail polisher. G. H. Nevius. Des. 63,234; Nov. 6.
Nail-polishing machine, Electric. H. Larrús and L. Krause. 1,472,876; Nov. 6.
Nail puller. J. B. Bradley. 1,422,545; Apr. 24.
Nail puller. H. A. Clifford. 1,457,346; June 5.
Nail puller. G. Kawamura. 1,454,239; May 8.
Nail puller. C. H. Johnson. 1,445,514; Feb. 13.
Nail-pulling machine. W. Ellis. 1,461,712; July 10.
Nail receptacle. L. W. Chism. 1,444,332; Feb. 6.
Nail set and holder. R. L. Long. 1,465,139; Aug. 14.
Nail strings, Method and apparatus for producing. J. A. Brogan. 1,472,044; Oct. 30.
Nail stripper, Automatic-feed. C. C. Calvert. 1,478,021; Dec. 18.
Nail-transferring mechanism. J. H. Pope. 1,461,784; July 17.
Nail, Wire. H. S. Stronach and R. C. Rowan. 1,466,676; Sept. 4.
Nailing machine. E. J. Henderson. 1,478,118; Dec. 18.
Nailing machine. E. C. Northrup. 1,478,362; Dec. 18.
Nailing machine. J. C. Pashby. 1,469,529; Oct. 2.
Nailing machines, Electromagnetic device for serving rivets to. R. S. Smith. 1,441,250; Jan. 9.
Nails formed in two parts, Manufacture of. A. Trivelloni. 1,462,775; July 24.
Nails, Making. J. H. Pope. 1,442,969; Jan. 23.
Nails, Manufacture of horse. S. M. Cutter. 1,443,527; Jan. 30.
Name plates and the like to walls, Means for securing. E. F. Rea. 1,449,839; Mar. 27.
Naphthalene crystals and making the same. D. F. Gould. 1,448,688; Mar. 13.
Naphthyl amines, Production of. A. Lowy and A. M. Howald. 1,449,423; Mar. 27.
Napkin-dispensing device. D. W. Hudson. 1,464,180; Aug. 7.
Napper and shearing machine, Combined. M. Poetzsch. 1,449,293; Mar. 20.
Navigating instrument. H. C. Roeser. 1,463,373; July 31.
Navigation. T. J. Mahoney. 1,445,839; Feb. 20.
Navigation device, Magnetic gyroscopic. H. L. Tanner. 1,451,928; Apr. 17.
Neckband former. C. E. Waream and D. H. Benjamin. 1,463,606; July 31.
Necklace catch. H. C. Schick. Des. 63,009; Sept. 4.
Necklace-fastening device. P. J. Conway. 1,455,993; May 22.
Necklaces, Catch for. H. C. Schick. Des. 62,648–51; July 10.
Neck ring. C. E. McMurphy. 1,467,623; Sept. 11.
Necktie. E. P. Adams. 1,475,672; Nov. 27.
Necktie. J. E. Langsdorf. 1,447,090; Feb. 27.
Necktie. J. E. Langsdorf. 1,448,453; Mar. 13.
Necktie. I. B. Patz. Des. 63,267; Nov. 13.
Necktie. J. A. Soderstrom. 1,455,362; May 15.
Necktie and handkerchief holder. H. Gashyesva. Des. 62,444; June 5.
Necktie and making same. A. Williams. 1,454,304; May 8.
Necktie appliance. W. B. Hoppe. 1,443,684; Jan. 30.
Necktie, Bow. J. L. Dorward. 1,446,843; Feb. 27.
Necktie device. L. Simenowsky. 1,443,826; Jan. 30.
Necktie display and illuminating stand. A. M. Kunz. 1,453,147; Apr. 24.
Necktie fastener. L. W. King. 1,477,759; Dec. 18.
Necktie former and holder, Combined. C. Frederick. 1,450,152; Mar. 27.
Necktie holder. J. R. Anderson. Des. 63,064; Oct. 2.
Necktie holder. H. Arvidson. 1,452,722; Apr. 24.
Necktie holder. J. T. Clark. 1,451,290; Apr. 10.
Necktie holder. J. Crnoev. 1,445,611; Feb. 13.
Necktie holder. J. Crnoev. 1,456,299; May 22.
Necktie holder. N. J. Darden. 1,455,604; May 15.
Necktie holder. J. L. Dorward. 1,449,146; Mar. 20.
Necktie holder. A. D. Elliott. 1,466,706; Sept. 4.
Necktie holder. A. H. Geilfuss. 1,467,634; Sept. 11.
Necktie holder. P. L. Markay. 1,460,725; July 3.
Necktie holder. J. S. Mead. 1,452,648; Apr. 24.
Necktie holder. A. J. Nelson. 1,453,885; May 1.
Necktie holder. L. Scholler. 1,478,064; Dec. 18.
Necktie holder. W. R. Tingle. 1,453,644; May 1.
Necktie holder. C. Vacek. 1,461,506; July 10.
Necktie-knot-forming device. P. Crause. 1,456,622; May 29.
Necktie rack. F. W. Samuel. 1,466,564; Aug. 28.
Necktie, Reversible. H. Berkson. 1,456,757; May 29.
Necktie support. M. J. Levey. 1,472,984; Nov. 6.
Neckwear. F. H. Holmes. 1,473,099; Nov. 6.
Neck-wiping device. J. E. Johnson and C. H. Oslund. 1,469,599; Oct. 2.
Needle. J. W. Granger. 1,441,575; Jan. 9.
Needle and needle holder. E. Werner. 1,450,879; Apr. 3.

Needle, Baling-wire. W. A. Seymour. 1,452,712; Apr. 24.
Needle, Crochet. E. M. Christensen. 1,477,427; Dec. 11.
Needle, Embroidery. T. L. Atkinson. 1,464,897; Aug. 14.
Needle, Embroidery. F. B. Baker. 1,452,544; Apr. 24.
Needle for collecting blood. S. A. Petroff. 1,465,720; Aug. 21.
Needle, Hand embroidery. G. E. Banghart. 1,453,262; May 1.
Needle holder. G. H. Noble. 1,445,348; Feb. 13.
Needle, Instrument. B. W. St. Clair. 1,449,705; Mar. 27.
Needle, Knitting. S. E. Taft. 1,461,007; July 3.
Needle-making machines, Wire feeding and cutting mechanism for latch-. J. A. Calder. 1,467,705; Sept. 11.
Needle package, Display. J. L. Flannery. 1,441,725; Jan. 9.
Needle-pointing machine. R. A. Hutchinson. 1,464,203; Aug. 7.
Needle presser, Spring-. G. P. Bosworth. 1,450,937; Apr. 10.
Needle, Surgical. W. J. Snyder. 1,449,068; Mar. 20.
Needle, Tufting. A. L. Hansen. 1,469,906; Oct. 9.
Needles, Adjustment for embroidering machine. E. Pfenninger. 1,465,526; Aug. 21.
Needles for vaporizing burners or the like, Holder for cleaning. B. J. Bengtsson. 1,478,936; Dec. 25.
Needles, Guide and adjuster for looper. A. L. Traver. 1,476,659; Dec. 4.
Needles or pointers, Supporting device for. A. R. Beckert. 1,467,972; Sept. 11.
Negatives, Illuminating device for the examination of. E. B. Mabee. 1,463,624; July 31.
Nephoscope. A. McAdie. 1,446,574; Feb. 27.
Nest attachment. V. Raiche. 1,470,103; Oct. 9.
Nest box. C. E. McMurphy. 1,467,622; Sept. 11.
Nest, Collapsible. N. C. Anderson. 1,443,809; Jan. 30.
Nest for hens, Trap. O. K. Olson. 1,453,172; Apr. 24.
Nest, Hen's. E. A. Baxter. 1,452,141; Apr. 17.
Nest, Hen's. C. A. Parfey. 1,447,882; Mar. 6.
Nest, Hen's. A. W. Silkworth. 1,441,182; Jan. 2.
Nest, Hen's. W. H. Way. 1,453,558; May 1.
Nest, Poultry. C. L. Allen. 1,477,861; Dec. 18.
Nest, Poultry. J. L. Boisvert. 1,461,303; July 10.
Nest, Poultry. G. Jesse. 1,448,544; Mar. 13.
Nest, Trap. A. O. and P. M. Forster. 1,443,609; Jan. 30.
Nest, Trap. A. O. and P. M. Forster. 1,467,149; Sept. 4.
Nest, Trap. W. C. Kisner. 1,441,432; Jan. 9.
Nest, Trap. E. C. Miller. 1,444,629; Feb. 6.
Nesting device. A. C. Schuman. 1,468,748; Sept. 25.
Nests, Poultry tag for trap. M. Merritt. 1,464,850; Aug. 14.
Net, Crab. S. Asanio and L. Marconi. 1,447,502; Mar. 6.
Net, Manufacture of twist-lace. J. Farmer. 1,464,034; Aug. 7.
Net-pulling machine. W. F. Depew. 1,461,141; July 10.
Network, Equalizing. E. C. Wente. 1,478,078; Dec. 18.
Newel post, Steel. C. E. Anderson. 1,472,897; Nov. 6.
Newspaper clamp. J. J. and L. L. Newman. 1,441,876; Jan. 9.
Newspaper holder. T. J. Barrow. 1,448,328; Mar. 13.
Newspaper rack. E. P. Hopwood. 1,448,539; Mar. 13.
Newspaper-stacking mechanism. S. Halvorsen. 1,454,924; May 15.
Nickel formate. C. Ellis. 1,452,478; Apr. 17.
Nipple, Adjustable flow. D. G. Lorraine. 1,470,460; Oct. 9.
Nipple and gasket. Removable. M. A. Barber. 1,475,530; Nov. 27.
Nipples, Attachment for nursing. C. H. Weld. 1,465,748; Aug. 21.
Nitrates, Making. H. Hampel. 1,460,898; July 3.
Nitrates, Treating undried organic. W. O. Snelling and W. R. Lams. 1,441,130; Jan. 2.
Nitration apparatus. H. V. Walker. 1,454,870; May 15.
Nitric oxide, Obtaining. T. E. Springmann. 1,466,604; Aug. 28.
Nitride, Producing boron. S. Peacock. 1,464,292; Aug. 7.
Nitrocellulose composition. H. T. Clarke. 1,444,333; Feb. 6.
Nitrocellulose powder containing nitroguanidine. J. M. Skilling. 1,454,414; May 8.
Nitrocompounds, Reduction of. D. A. Legg. 1,447,557; Mar. 6.
Nitrogen fixation. K. P. McElroy. 1,466,624; Aug. 28.
Nitrogen, fixation, Method and apparatus for. C. H. Buettner. 1,453,435; May 1.
Nitrogen, Fixation of. K. P. McElroy. 1,441,693; Jan. 9.
Nitrogen, Fixation of atmospheric. F. Daniels and O. R. Wulf. 1,458,525; June 12.
Nitrogen, Fixation of atmospheric. W. A. Nelson. 1,465,310; Aug. 21.
Nitrogen, Fixing. K. P. McElroy. 1,441,695; Jan. 9.
Nitrogen, Fixing. F. J. Metzger. 1,473,826; Nov. 13.
Nitrogen-fixing process and apparatus. K. P. McElroy. 1,466,625; Aug. 28.
Nitrogen-oxide vapors, Recovering. P. A. Guye and A. Schmidt. 1,443,220; Jan. 23.
Nonconducting material. R. Illemann. 1,450,856; Apr. 3.
Noninductive interference system. C. F. Scott. 1,473,881; Nov. 13.
Noninductive interference system. J. Slepian. 1,449,919; Mar. 27.
Nonmetallic spring. L. M. Dieterich. 1,445,669; Feb. 20.
Nonrefillable bottle. G. W. Dague. 1,446,162; Feb. 20.
Nonskid appliance. M. W. Stouffer. 1,446,074; Feb. 20.
Nonskid attachment for vehicle wheels. J. S. Kominz. 1,453,276; May 1.
Nonskid chain. J. F. Howerton. 1,474,526; Nov. 20.
Nonskid-chain fastener. L. W. Kennedy. 1,466,905; Sept. 4.
Nonskid chains, Attaching device for. C. Moss. 1,456,071; May 22.
Nonskid chains, Holder for. H. G. Steele. 1,474,563; Nov. 20.
Nonskid chains, Safety fastening device for. L. Poli. 1,455,409; May 15.
Nonskid device. F. E. Schartow. 1,474,610; Nov. 20.
Nonskid device for automobiles. G. F. Crass. 1,478,847; Dec. 25.
Nonskid roof jack. M. H. Stansberry. 1,478,682; Dec. 25.
Nonskid tread for vehicle wheels. A. Pugliese. 1,471,202; Oct. 16.
Nonskidding chain for vehicle wheels. A. N. Kotarski. 1,445,694; Feb. 20.
Nonslipping device. R. S. Blair. 1,469,766; Oct. 9.
Nonskidding device. W. W. Chamberlain. 1,471,544; Oct. 23.
Nonskidding device. A. W. Olsen. 1,455,408; May 15.
Nonwrecker. F. D. Babcock. 1,446,820; Feb. 27.
Noodle cutter, Household. R. Kasik. 1,442,616; Jan. 16.
Nose ring. H. C. Konklin. 1,474,783; Nov. 20.
Nostril protector. H. Beals. 1,441,906; Jan. 9.
Notebooks or the like, Accessory for. M. R. Hutchison. 1,473,294; Nov. 6.
Note holder and cap remover for bottles, Combined. S. Ferency. 1,478,896; Dec. 25.
Nozzle. J. C. Findlay. 1,465,580; Aug. 21.
Nozzle. J. Gilsenan. 1,476,810; Dec. 11.
Nozzle. M. B. McCune. 1,457,535; June 5.
Nozzle. L. R. Nelson. 1,467,807; Sept. 11.
Nozzle. F. W. Steuber. 1,449,873; Mar. 27.
Nozzle and method of spraying liquid, Spray. L. H. Parker. 1,442,356; Jan. 16.
Nozzle, Adjustable forming outlet. A. and G. Sharp. 1,463,407; July 31.
Nozzle, Adjustable spray. H. D. Binks. 1,452,264; Apr. 17.
Nozzle, Atomizing. H. D. Binks. 1,448,106; Mar. 13.
Nozzle, Blower. A. G. Savage. 1,466,965; Sept. 4.
Nozzle brush, Rotary. S. F. Gulba. 1,462,909; July 24.
Nozzle, Burner. W. T. Adolphsen. 1,478,370; Dec. 25.
Nozzle construction, Hydraulic-. C. B. McAulay. 1,451,165; Apr. 10.
Nozzle, Dishwasher. B. B. Lipsner and P. Sporer. 1,476,090; Dec. 4.
Nozzle, Disinfecting. H. Falletta. 1,473,840; Nov. 13.
Nozzle, Exhaust. T. E. Stuart. 1,445,049; Feb. 13.
Nozzle for the delivery of water or other liquid under pressure. C. R. Fleming-Williams. 1,459,975; June 26.
Nozzle, Hose. S. C. Sladden. 1,448,876; Mar. 20.
Nozzle, Hydraulic. W. L. Parker and E. C. Hutchinson. 1,476,368; Dec. 4.
Nozzle, Liquid-dispensing. E. Reed. 1,449,446; Mar. 27.
Nozzle, Locomotive exhaust. E. B. Barr. 1,471,584; Oct. 23.
Nozzle mechanism. S. A. Bisey. 1,477,204; Dec. 11.
Nozzle, Paint-spraying. A. B. McDole. 1,449,949; Mar. 27.
Nozzle, Pneumatic cleaning. J. O. Reed. 1,451,553; Apr. 10.
Nozzle, Sand-blast. R. G. Coburn. 1,472,015; Oct. 23.
Nozzle, Siphon. S. L. Goldman. 1,446,174; Feb. 20.
Nozzle, Spray. H. H. Emmons. 1,447,015; Feb. 27.
Nozzle, Spray. F. W. Henrikson. 1,454,280; May 8.
Nozzle, Spray. T. W. Murphy and W. Czarnecki. 1,453,161; Apr. 24.
Nozzle, Spray. J. D. Murray. 1,462,020; July 17.
Nozzle, Spray. H. W. Sumner. 1,440,705; Jan. 2.
Nozzle, Sprinkler. L. Overbaugh. 1,472,669; Oct. 30.
Nozzle, Sprinkler. H. Partridge. 1,465,681; Aug. 21.
Nozzle, Tube-stripping. C. E. Maynard. 1,445,701; Feb. 20.
Nozzles or atomizers, Construction of spraying. H. A. Thompson. 1,462,395; July 17.
Number-indicating system. E. H. Clark. 1,472,458; Oct. 30.
Number-indicating system. A. E. Lundell and T. van Amstel. 1,456,508; May 29.
Number plate and letter chute, Combined. J. L. Peck. 1,477,074; Dec. 11.
Number plate, rear lamp, and signal apparatus, Illuminated. R. F. Story. 1,477,294; Dec. 11.
Number, Unchangeable motor. L. P. Terhaar. 1,477,466; Dec. 11.
Numbering head. A. H. Smith. 1,468,521; Sept. 18.
Numbering machine. W. F. Haupt. 1,474,715; Nov. 20.
Numbering machines, Ink-pad mechanism for. C. Spielman. 1,457,756; June 5.
Numbers, Index for. O. L. Moore. 1,463,656; July 31.
Nurse, Mechanical. R. N. Harrison. 1,453,937; May 1.
Nursery chair. H. S. Burns. 1,472,323; Oct. 30.
Nursery table, Foldable. D. C. Ward. 1,451,285; Apr. 10.
Nursing device, Infant's. W. R. Dales. 1,441,406; Jan. 9.
Nut and bolt lock. G. A. Fether. 1,451,014; Apr. 10.
Nut and bolt lock. P. Nalasky. 1,468,120; Sept. 18.

Nut and bolt lock. M. R. Rumfelt. 1,473,321; Nov. 6.
Nut, Automatic lock. B. Lindsay. 1,455,057; May 15.
Nut, Cap. D. B. Morison. 1,459,548; June 19.
Nutcracker. J. L. Emery. Des. 61,801; Jan. 16.
Nutcracker. L. B. Merriam. 1,445,532; Feb. 13.
Nut cracker, sheller, and separator. J. H. Austin. 1,459,609; June 19.
Nut-cracking machine. J. Galleazzi. 1,448,267; Mar. 13.
Nut-cracking machine. T. S. Grimes. 1,469,641; Oct. 2.
Nut-cracking machine. M. F. Riddle. 1,455,449; May 15.
Nut-cracking machine. H. Wilms. 1,470,247; Oct. 9.
Nut-cracking machines, Feeding mechanism for. E. Phillippe. 1,440,744; Jan. 2.
Nut, Die. O. Binford. 1,465,337; Aug. 21.
Nut, Friction lock. J. H. Dean. 1,474,407; Nov. 20.
Nut grader. W. P. Bullard. 1,461,264–5; July 10.
Nut-holding member. L. F. Crumley. 1,440,377; Jan. 2.
Nut kernel. Blanched Brazil-. G. M. Castruccio. 1,448,431; Mar. 13.
Nut-treating machine. S. Cooper. 1,478,869; Dec. 25.
Nut lock. R. B. Adams. 1,455,700; May 15.
Nut lock. H. Andrix. 1,448,178; Mar. 13.
Nut lock. J. B. Barnes. 1,475,779; Nov. 27.
Nut lock. F. L. Bates. 1,447,056; Feb. 27.
Nut lock. G. Berthold. 1,473,170; Nov. 6.
Nut lock. T. Blankenship. 1,459,818; June 26.
Nut lock. O. J. Boutte. 1,460,884; July 3.
Nut, Lock. G. L. Briese and E. B. Martin. 1,448,952; Mar. 20.
Nut, Lock. G. J. Childs. 1,443,869; Jan. 30.
Nut lock. C. W. Cline. 1,453,921; May 1.
Nut lock. J. F. Comly. 1,474,579; Nov. 20.
Nut, Lock. E. I. Dodds. 1,450,065–6; Mar. 27.
Nut lock. J. D. Ellis. 1,454,712; May 8.
Nut, Lock. H. Ellingson. 1,452,367; Apr. 17.
Nut lock. A. Ftykio. 1,460,412; July 3.
Nut skinning. J. Gotzhein. 1,469,332. Oct. 2.
Nut, Lock. F. S. Hamilton. 1,452,422; Apr. 17.
Nut, Lock. D. C. Harris. 1,471,462; Oct. 23.
Nut lock. A. O. Hendershott; 1,458,340; June 12.
Nut, Lock. O. C. Johnson. 1,457,736; June 5.
Nut lock. A. R. Joy. 1,465,221; Aug. 14.
Nut lock. M. D. Kimball. 1,453,507; May 1.
Nut lock. M. W. Koski. 1,443,992; Feb. 6.
Nut, Lock. G. Lafever and B. E. Hawley. 1,443,751; Jan. 30.
Nut lock. M. F. Lerch. 1,465,015; Aug. 14.
Nut lock. W. E. Lippold. 1,449,683; Mar. 27.
Nut, Lock. G. O. Matter. 1,449,013; Mar. 20.
Nut lock. M. A. McGill. 1,448,555; Mar. 13.
Nut lock. T. Miyagi. 1,467,907; Sept. 11.
Nut lock. W. Nail. 1,443,427; Jan. 30.
Nut lock. S. Novinski. 1,455,804; May 22.
Nut lock. C. W. Olmstead. 1,447,811; Mar. 6.
Nut lock. B. G. Patterson. 1,440,550; Jan. 2.
Nut lock. T. A. Patterson. 1,450,048; Mar. 27.
Nut, Lock. W. C. Peters. 1,457,455; June 5.
Nut, Lock. J. H. Rast. 1,457,749; June 5.
Nut, Lock. L. M. Sartain. 1,467,688; Sept. 11.
Nut lock. E. W. Sell. 1,470,294; Oct. 9.
Nut lock. J. J. Sierosławski. 1,440,938; Jan. 2.
Nut lock. M. G. Stackhouse. 1,463,377; July 31.
Nut lock. E. E. Thomas. 1,447,578; Mar. 6.
Nut, Lock. C. Weichold, jr. 1,464,591; Aug. 14.
Nut lock. R. H. Whiteside. 1,469,131; Sept. 25.
Nut lock. W. J. Wisch. 1,441,619; Jan. 9.
Nut lock and piston-rod lubricator, Combination. W. H. Stone. 1,465,495; Aug. 21.
Nut-locking device. E. E. Thomas. 1,445,111; Feb. 13.
Nut or bolt holder. J. H. Schmitz. 1,448,238; Mar. 13.
Nut or bushing and making same, Shouldered. W. P. Crockett. 1,456,177; May 22.
Nut, Sheet-metal. H. P. Kraft. 1,466,176; Aug. 28.
Nut-shelling machine. J. H. Aldrich. 1,461,410; July 10.
Nut-shelling machine. M. J. Fogarty. 1,474,468; Nov. 20.
Nut-tapping machine. R. F. Barnes. 1,461,171; July 10.
Nut-tapping machine. S. B. Clay. 1,444,110; Feb. 6.
Nut-tapping machine. B. F. Hamilton. 1,468,501; Sept. 18.
Nut-tapping machine. W. R. Morgan. 1,475,711; Nov. 27.
Nut wrench. L. Coes. 1,464,128; Aug. 7.
Nutting device. J. Stanley. 1,446,219; Feb. 20.
Nuts and screws, Lock for. F. A. Franzen. 1,442,881; Jan. 23.
Nuts, Lock. G. E. Cassel. 1,443,003; Jan. 23.
Nuts, Machine for marking. J. C. White. 1,454,661; May 8.
Nuts, Machine for shucking vegetable ivory. H. W. Crowell. 1,460,747; July 3.
Nuts, Machine for the manufacturing of. S. H. Svensson. 1,468,046; Sept. 18.
Nuts, Making castellated. H. C. Peckham and H. P. Sweet. 1,449,243; Mar. 20.
Nuts, Making flanged. G. Melling. 1,457,914; June 5.
Nuts, Manufacturing acorn. H. M. Brightman. 1,456,215; May 22.
Nuts, Method of and apparatus for decorticating. H. Warren. 1,460,004; June 26.
Nuts, Preserving compound for pistachio. S. F. Zaloom. 1,460,510; July 3.
Nuts, Treating Brazil. G. M. Castruccio. 1,448,520; Mar. 13.
Oar. P. Gravel. 1,449,989; Mar. 27.
Oar. A. J. Wiltrout. 1,451,749; Apr. 17.
Oar, Bow-facing. J. L. Ingersoll. 1,473,557; Nov. 6.
Oar, Bow-facing. A. Larsen. 1,476,987; Dec. 11.
Oar sleeve and collar. W. E. Wintemute. 1,450,475; Apr. 3.
Oarlock. A. P. Malloy, jr. 1,464,390; Aug. 7.
Obstetric apparatus. K. Scholz. 1,463,177; July 31.
Ocular. H. Erfle. 1,478,704; Dec. 25.
Odometer. J. K. Olsen. 1,456,513; May 20.
Odometer-train-resetting device. A. C. Wood. 1,461,956; July 17.
Offset, zigzag, and staggered key. G. T. Mills and J. H. Demars. 1,449,341; Mar. 20.
Oil and aluminum chloride, Mixing and delivering. G. H. King. 1,478,438; Dec. 25.
Oil and dechlorinated oil and making same, Reaction product of tung. H. A. Gardner. 1,463,883; Aug. 7.
Oil and gas separator. A. M. Ballard. 1,471,088; Oct. 16.
Oil and gasoline dispensing apparatus, Combined lubricating-. W. E. Keesee. Des. 62,363; May 15.
Oil and the manufacture thereof, Lubricating. J. E. Southcombe and H. M. Wells. 1,467,695; Sept. 11.
Oil, Apparatus for cleaning and clarifying used lubricating. T. D. Richards. 1,462,048; July 17.
Oil, Apparatus for continuous extraction, particularly of. M. Wilbuschewitsch. 1,454,419; May 8.
Oil, Apparatus for refining crude. J. Mayes. 1,451,739; Apr. 17.
Oil, Apparatus for treating. G. Egloff and H. P. Benner. 1,470,353; Oct. 9.
Oil baffle plate. N. P. Davis. 1,443,010; Jan. 23.
Oil-bearing raw material, Preservation and preparation for transportation of. A. W. MacIlwaine. 1,476,531; Dec. 4.
Oil burner. A. M. Allen. 1,459,133; June 19.
Oil burner. C. P. Astrom. 1,458,378; June 12.
Oil burner. F. J. Atkins. 1,452,020; Apr. 17.
Oil burner. J. K. Beauchamp. 1,459,969; June 26.
Oil burner. F. C. Bretsnyder. 1,453,257; Apr. 24.
Oil burner. L. S. Chadwick. 1,443,946; Feb. 6.
Oil burner. G. W. Coen. 1,466,088; Aug. 28.
Oil burner. J. Dingiroglou. 1,468,140; Sept. 18.
Oil burner. C. B. Forward. 1,445,208; Feb. 13.
Oil burner. L. E. French. 1,443,317; Jan. 23.
Oil burner. B. A. and L. H. Geurink. 1,440,871; Jan. 2.
Oil burner. J. Gilmore. 1,455,874; May 22.
Oil burner. L. M. Goldsmith. 1,474,900; Nov. 20.
Oil burner. A. E. Grant. 1,453,834; May 1.
Oil burner. E. J. Griffith. 1,447,467; Mar. 6.
Oil burner. F. Hardinge. 1,447,385; Mar. 6.
Oil burner. F. Hardinge. 1,455,049; May 15.
Oil burner. F. Hardinge. 1,456,799; May 29.
Oil burner. W. E. Hartmann. 1,467,544; Sept. 11.
Oil burner. F. C. Heylman and A. H. J. T. Willink. 1,441,982; Jan. 9.
Oil burner. R. Hoffman. 1,446,089–90; Feb. 20.
Oil burner. B. W. Hurd. 1,476,970–1; Dec. 11.
Oil burner. W. A. Inglehart. 1,449,411; Mar. 27.
Oil burner. H. Izard. 1,461,908; July 17.
Oil burner. M. J. Jardee and R. J. Cowell. 1,463,651–2; July 31.
Oil burner. F. Johnson. 1,441,585; Jan. 9.
Oil burner. W. B. Kerrick. 1,451,460; Apr. 10.
Oil burner. G. M. Kerrihard. 1,449,007; Mar. 20.
Oil burner. L. Kresser. 1,470,379; Oct. 9.
Oil burner. J. D. Langston. 1,468,480; Sept. 18.
Oil burner. G. A. Lee. 1,442,673; Jan. 16.
Oil burner. W. K. Lewis. 1,452,563; Apr. 24.
Oil burner. G. H. Mahan. 1,472,929; Nov. 6.
Oil burner. A. G. Mather. 1,456,899; May 29.
Oil burner. J. T. McGrath. 1,446,260; Feb. 20.
Oil burner. C. E. McKee. 1,459,920; June 26.
Oil burner. H. G. Miller. 1,464,995; Aug. 14.
Oil burner. J. C. Misner. 1,457,590; June 5.
Oil burner. R. R. Morrill. 1,452,521; Apr. 24.
Oil burner. C. W. Mummery. 1,454,980; May 15.
Oil burner. J. E. Pearson. 1,473,511; Nov. 6.
Oil burner. C. H. Picard. 1,441,629; Jan. 9.
Oil burner. W. F. Ravenor. 1,468,417; Sept. 18.
Oil burner. W. R. Ray. 1,441,630; Jan. 9.
Oil burner. B. A. Reynolds. 1,449,057; Mar. 20.
Oil burner. V. W. Russell, J. T. Kyle, and J. A. Campbell. 1,478,299; Dec. 18.
Oil burner. V. F. Sedlak. 1,462,582; July 24.
Oil burner. R. G. Slayter. 1,440,562; Jan. 2.
Oil burner. J. H. Smith. 1,450,119; Mar. 27.
Oil burner. N. J. Warren and W. C. Smith. 1,457,096; May 29.
Oil burner. J. B. Watkins. 1,450,530; Apr. 3.
Oil burner. W. A. Wednbine, E. Lustenader, and R. F. Lustenader. 1,443,063; Jan. 23.
Oil burner. D. C. Whatley. 1,478,721; Dec. 25.
Oil burner. C. F. Wheeler. 1,477,794; Dec. 18.
Oil burner. R. W. Wiederwax. 1,460,630; July 3.
Oil burner. E. V. and E. C. Williams. 1,442,759; Jan. 16.
Oil burner. M. W. Wood. 1,475,528; Nov. 27.
Oil burner and heater. C. B. Donaldson. 1,473,020; Nov. 6.
Oil burner, Atomizing. R. Crane. 1,456,266; May 22.

Oil-burner construction. J. C. Johnson. 1,452,559; Apr. 24.
Oil burner, Controlled rotary. J. Scheminger, jr. 1,442,786; Jan. 16.
Oil burner, Crude. T. Ellis and O. H. Zermann. 1,441,915; Jan. 9.
Oil burner, Fuel-. F. Hardinge. 1,447,384; Mar. 6.
Oil burner, Fuel-. W. M. Hoffman. 1,448,802; Mar. 20.
Oil burner, Fuel-. R. W. Wiederwax. 1,473,657; Nov. 13.
Oil burner, Hydrocarbon-. G. F. Allen. 1,450,881; Apr. 3.
Oil burner, Hydrocarbon-. E. P. Kilroy. 1,447,556; Mar. 6.
Oil burner, Mechanical vaporizing. J. W. and E. A. Tygard. 1,473,891; Nov. 13.
Oil burner, Nonpreheating. C. Heskett. 1,451,950; Apr. 17.
Oil burner, Superheating. S. J. Velton. 1,469,465; Oct. 2.
Oil burner, Wickless. A. J. Blackford. 1,452,354; Apr. 17.
Oil burner, Wickless. W. Meyers. 1,458,774; June 12.
Oil burners, Automatic cut-off for. L. E. French. 1,459,149; June 19.
Oil burners, Automatic wick stop for. L. S. Chadwick. 1,471,540; Oct. 23.
Oil burners, Automatically-adjusted wick stop for. L. S. Chadwick. 1,471,539; Oct. 23.
Oil burners, Controller for fuel-. F. S. Hudson and E. G. Rhoads. 1,475,433; Nov. 27.
Oil burners, Overflow-controlled safety device for. J. Westall. No. 1,469,346; Oct. 2.
Oil burners, Wick-stop mechanism for. L. S. Chadwick. 1,471,543; Oct. 23.
Oil-burning apparatus. W. E. Fisher. 1,458,226; June 12.
Oil-burning attachment. A. Kaiserman and A. Jaugg. 1,458,919; June 12.
Oil-burning furnace. G. C. Adams. 1,442,034; Jan. 16.
Oil-burning furnace. L. G. Bostedo. 1,469,770; Oct. 9.
Oil-burning system. H. A. Tedman. 1,456,198; May 22.
Oil-burning systems, Safety device for. H. A. Tedman. 1,456,199; May 22.
Oil cakes, Mat or cloth for. K. C. Barton. 1,466,109; Aug. 28.
Oil can. J. B. Agnew, sr. 1,476,668; Dec. 4.
Oil can. T. O. Bakken. 1,459,871; June 26.
Oil can. A. R. Beck. 1,464,556; Aug. 14.
Oil can. G. Lidseen. 1,476,365; Dec. 4.
Oil can. I. Nybakken. 1,470,469; Oct. 9.
Oil can, Easy-pour. F. D. Gatchell. 1,454,436; May 8.
Oil-can holder. C. W. Beck. 1,458,609; June 12.
Oil-can holder, Automatic. E. McKenzie. 1,472,879; Nov. 6.
Oil cap. F. Arrigoni. 1,461,436; July 10.
Oil-chamber openings, Closure for. E. J. Armstrong. 1,448,718; Mar. 20.
Oil circuit breaker. J. N. Kelman. 1,446,048; Feb. 20.
Oil-circuit closer. C. A. Yont. 1,450,403; Apr. 3.
Oil-circulating system. L. E. Shaw. 1,470,769; Oct. 16.
Oil circulation and oil pressure, Device for indicating the. W. Schwerdtfeger. 1,451,849; Apr. 17.
Oil container, Dehydrating. E. J. Hunt. 1,475,548; Nov. 27.
Oil containing earthy material, Combined solvent and destructive distillation treatment of. D. T. Day. 1,447,297; Mar. 6.
Oil-control apparatus, Fuel-. H. A. Tedman. 1,456,197; May 22.
Oil-converting apparatus. J. H. Adams. 1,455,377; May 15.
Oil-converting apparatus. J. H. Adams. 1,462,678; July 24.
Oil-converting process for the conversion and transformation of oils. J. H. Adams. 1,462,677; July 24.
Oil cooler. R. C. Jones. 1,454,053; May 8.
Oil cup. F. H. Elwell. 1,455,086–7; May 15.
Oil cup. L. Kassander. 1,475,370; Nov. 27.
Oil cup, Electrically-operated. R. R. McClure. 1,454,123; May 8.
Oil-delivery system, Hydraulic. F. G. Farr. 1,445,270; Feb. 13.
Oil-discharge jet. H. F. Blackburn and E. L. McMillen. 1,444,411; Feb. 6.
Oil discharging from oil wells, Preventing emulsification of. R. G. Jones. 1,462,748; July 24.
Oil distillation. J. E. Schulze. 1,448,709; Mar. 13.
Oil distillation, Method of and apparatus for. J. W. Van Dyke. 1,451,129; Apr. 10.
Oil, Distilling. H. L. Doherty. 1,472,116; Oct. 30.
Oil-distributing device. O. Hajek. 1,472,753; Oct. 30.
Oil engine. T. B. Danckwortt. 1,475,370; Nov. 27.
Oil, Extracting. F. P. Croft. 1,454,705; May 8.
Oil, Extracting. H. A. Wentworth. 1,456,019; May 22.
Oil extraction, Apparatus for. N. B. Henry. 1,445,314; Feb. 13.
Oil-feeding means. C. H. Wills. 1,469,063; Sept. 25.
Oil filter, Pressure. F. E. Collins. 1,456,095; May 22.
Oil-flotation apparatus. D. Stonebraker. 1,442,306; Jan. 16.
Oil from oil-bearing sands and rocks, Apparatus for separating. W. J. Reilly. 1,475,028; Nov. 20.
Oil from shales, Apparatus for extracting. J. Mayes and R. Homrighous. 1,465,277; Aug. 21.
Oil, gasoline, or gas as a fuel, Motor using. E. L. Wrentmore. 1,454,499; May 8.
Oil gauge. A. A. Ashworth and R. V. Quick. 1,476,321; Dec. 4.
Oil gauge. H. Hastings. 1,469,933; Oct. 9.
Oil gauge. W. C. Melvin. 1,442,780; Jan. 16.
Oil grooves, Machine for cutting. W. S. Lutz. 1,445,898; Feb. 20.
Oil heater. G. W. Coen. 1,455,164; May 15.
Oil heater. C. J. Garrigan. 1,474,524; Nov. 20.
Oil heater. T. F. Hatton. 1,451,772; Apr. 17.
Oil heater. I. Putnam. 1,456,609; May 29.
Oil heater. J. T. Ray. 1,468,674; Sept. 25.
Oil heater, Portable. R. Hoffman. 1,451,910; Apr. 17.
Oil heaters, Wick straightener for. R. Hoffman. 1,448,068; Mar. 13.
Oil heaters, Wick-straightening means for. R. Hoffman. 1,448,067; Mar. 13.
Oil indicator and pump primer. G. F. Madden. 1,459,681; June 19.
Oil injector. H. A. Eklund. 1,473,475; Nov. 6.
Oil injector, Movable. F. G. Hobart and C. B. Jahnke. 1,448,745; Mar. 20.
Oil, Lubricating. E. G. Acheson. 1,448,246; Mar. 13.
Oil of internal-combustion engines, Apparatus for distilling volatile impurities from the lubricating. E. E. Sweet. 1,471,984; Oct. 23.
Oil, Method of and apparatus for atomizing and burning fuel. E. A. Reid. 1,478,255; Dec. 18.
Oil, Oxidizable. P. W. Webster. 1,447,954; Mar. 6.
Oil pipe line. L. B. Graham. 1,445,880; Feb. 20.
Oil press. R. S. Matheson. 1,465,227; Aug. 14.
Oil press, Hydraulic. W. Bickel. 1,454,721; May 8.
Oil-pressure clutch. A. D. Goodwin. 1,458,287; June 12.
Oil pressure regulator, Fuel-. A. Warenskjold and J. W. Lorimer. 1,449,642; Mar. 27.
Oil, Preventing emulsification of refrigerating agent in the sealing. H. J. Smith. 1,447,575; Mar. 6.
Oil, Process and apparatus for mixing and burning. A. E. Grant. 1,462,464; July 17.
Oil, Process and apparatus for refining petroleum. J. C. Black. 1,447,118; Feb. 27.
Oil product and making same. H. V. Dunham. 1,449,976; Mar. 27.
Oil purifier. A. R. Giffin. 1,455,911; May 22.
Oil purifier, Combustion-engine. J. Good. 1,459,301; June 19.
Oil, Purifying and dehydrating switch. C. H. Hapgood. 1,460,718; July 3.
Oil reclaimer and purifier. H. W. Rose. 1,475,086; Nov. 20.
Oil, Reclaiming used. J. R. Miller. 1,469,426; Oct. 2.
Oil refining. C. B. Forward. 1,473,402; Nov. 6.
Oil-refining device. R. C. Aland. 1,471,374; Oct. 23.
Oil-refining device. C. F. Hillman. 1,451,574; Mar. 10.
Oil regulator. A. T. Garden. 1,457,520; June 5.
Oil retainer. W. L. and G. H. Trautner. 1,466,772; Sept. 4.
Oil saver. C. F. Rigby. 1,462,518; July 24.
Oil saver. C. Wilson. 1,448,243; Mar. 13.
Oil-saver device. W. M. Stephenson. 1,453,293; May 1.
Oil separator. P. H. Gentzel. 1,455,136; May 15.
Oil separator. H. E. Moffat. 1,455,348; May 15.
Oil separator. E. Wilson. 1,463,990; Aug. 7.
Oil separator and vaporizer, Fuel-. M. A. Jones, R. Krollage, and E. C. Yeager. 1,460,063; June 26.
Oil-service standpipe. L. B. Graham. 1,472,413; Oct. 30.
Oil-shale retort. G. E. Holmes. 1,451,575; Apr. 10.
Oil shale, Treatment of. R. C. Dundas and R. T. Howes. 1,469,628; Oct. 2.
Oil shales, Process and apparatus for treating. W. K. Kirby. 1,458,983; June 19.
Oil-spray burner, Fuel-. G. T. Jockers. 1,450,000; Mar. 27.
Oil-stove chimney and drum. R. Hoffman. 1,447,662; Mar. 6.
Oil-stove openings, Window frame for. C. L. Wagandt. Des. 62,038; Mar. 6.
Oil stove, Wickless-burner. R. Hoffman. 1,447,663; Mar. 6.
Oil tank. F. W. Kueffer. 1,445,091–2; Feb. 13.
Oil tank, Crude-. H. Hempel. 1,444,246; Feb. 6.
Oil-tank switch, Automatic. F. Guyton. 1,447,843; Mar. 6.
Oil tanks and other structures, Apparatus for automatically extinguishing fires in. O. J. Holmes. 1,455,789; May 22.
Oil tanks, Device for draining water from. W. J. MacArthur. Re15,678; Aug. 21.
Oil tanks, Filler cap for. W. H. Thompson. 1,464,301; Aug. 7.
Oil tanks, Lightning protection apparatus for. K. A. Wyatt. 1,463,523; July 31.
Oil tankers, Loading and discharge pipe-line system for. O. H. G. Steed. 1,478,925; Dec. 25.
Oil tester. O. B. Yetman and J. Leisure. 1,474,807; Nov. 20.
Oil, Textile-scouring. L. E. Murphy. 1,449,240; Mar. 20.
Oil tool. J. B. Moore. 1,454,452; May 8.
Oil-tube cleaner. W. J. Gerber. 1,464,069; Aug. 7.
Oil, turpentine, and resinous products from wood, Extracting pine. T. J. Fairley and T. M. Du Bose. 1,472,118; Oct. 30.

Oil-vapor burner. E. A. Bienenstok. 1,446,150; Feb. 20.
Oil-vapor burner. N. J. Warren and W. C. Smith. 1,470,787; Oct. 16.
Oil well. J. N. Hicks, C. A. Elliott, and P. Dunbar. 1,456,693; May 29.
Oil-well apparatus. W. H. McKissick. 1,442,960; Jan. 23.
Oil-well heater. R. C. Beck. 1,477,802; Dec. 18.
Oil with aluminum chloride, Distilling. A. M. McAfee. 1,478,444; Dec. 25.
Oiler. L. S. Harrell. 1,473,852; Nov. 13.
Oiler. A. J. Kokesh. 1,445,518; Feb. 13.
Oiler. T. Smith. 1,477,725; Dec. 18.
Oiler, Hog. I. W. Leeper. 1,442,891; Jan. 23.
Oiler, Motor. H. J. Smith. 1,449,066; Mar. 20.
Oiler or lubricator, Flange. L. N. Vincent. 1,448,241; Mar. 13.
Oiler, Portable pressure. J. W. Will. 1,473,269; Nov. 6.
Oiler, Spring. W. E. Leech, jr. 1,461,244–5; July 10.
Oiler, Spring. G. T. Lemelin. 1,452,429; Apr. 17.
Oiler, Spring. G. F. Miller. 1,441,701; Jan. 9.
Oiler, Spring. C. H. Sigwalt. 1,452,852; Apr. 24.
Oiler, Transmission. C. F. Stehlin. 1,442,789; Jan. 16.
Oiling device. E. Bolger. 1,469,616; Oct. 2.
Oiling device. D. E. Lewellen. 1,459,679; June 19.
Oiling device. F. Miller. 1,465,167; Aug. 14.
Oiling device. D. G. Roos. 1,444,036; Feb. 6.
Oiling device. R. H. Stull. 1,454,696; May 8.
Oiling device. W. M. White. 1,455,947; May 22.
Oiling device. J. Worosila. 1,453,221; Apr. 24.
Oiling device, Spring-. W. G. Martin. 1,462,562; July 24.
Oiling sleeve. E. C. Furnas. 1,467,668; Sept. 11.
Oiling system. H. D. Barrett. 1,478,094; Dec. 18.
Oiling system. L. B. Hubbard. 1,446,505; Feb. 27.
Oiling system. J. B. MacDonald. 1,447,313; Mar. 6.
Oiling system, Force-feed. G. L. Wahl. 1,459,484;
Oils and fats to harden them, Producing catalytic material for hydrogenating unsaturated. J. P. Harris. 1,457,835; June 5.
Oils and other hydrocarbon-containing material, Distillation and cracking of mineral. N. V. S. Knibbs. 1,459,156; June 19.
Oils, Apparatus for converting hydrocarbon. W. F. Muehl. 1,444,128; Feb. 6.
Oils, Apparatus for cracking. W. B. D. Penniman. 1,459,515; June 19.
Oils, Apparatus for dehydrating and cleaning. R. G. Jones. 1,440,832; Jan. 2.
Oils, Apparatus for dehydrating petroleum. F. W. Harris. 1,458,291; June 12.
Oils, Apparatus for refining hydrocarbon. U. F. Clemons. 1,449,734; Mar. 27.
Oils, Apparatus for the conversion of. J. H. Adams. 1,445,281; Feb. 13.
Oils, Apparatus for treating. H. T. Maitland. 1,450,326; Apr. 3.
Oils, Apparatus for treating hydrocarbon. L. H. Manning. 1,462,069; July 17.
Oils, Converting. J. H. Adams. 1,455,376; May 15.
Oils, Converting hydrocarbon. W. F. Muehl. 1,444,129; Feb. 6.
Oils, Cracking hydrocarbon. F. T. Manley. 1,462,143; July 17.
Oils, Firing boilers by means of fuel. W. P. Dunham. 1,453,662; May 1.
Oils from shale, Process and apparatus for the extraction of hydrocarbon. D. T. Day. 1,467,757; Sept. 11.
Oils from vegetable matter, Process and apparatus for extraction of. M. Whitehead. 1,446,606; Feb. 27.
Oils nonsludging, Making. H. R. Moody. 1,472,882; Nov. 6.
Oils, Oil-converting apparatus for the conversion and transformation of. J. H. Adams. 1,477,860; Dec. 18.
Oils, Process of and apparatus for neutralizing. H. Schlossstein. 1,447,898; Mar. 6.
Oils, Process of and apparatus for treating hydrocarbon. J. P. Persch. 1,454,485; May 8.
Oils, Producing and material for the treatment of. P. W. Prutzman and C. J. von Bibra. 1,471,201; Oct. 16.
Oils, Producing low-boiling. G. L. Prichard and H. Henderson. 1,473,316; Nov. 6.
Oils, Producing lubricating. T. F. Ott. 1,448,084; Mar. 13.
Oils, Producing stable emulsions of edible. E. E. Ayres, jr. 1,467,081; Sept. 4.
Oils, Purifying mineral. E. E. Arnold. 1,454,593; May 8.
Oils, Purifying mineral. J. Smith. 1,450,617; Apr. 3.
Oils, Refining hydrocarbon. H. M. Lasher. 1,457,068; May 29.
Oils, Refining vegetable. C. H. Hapgood and G. F. Mayo. 1,457,072; May 29.
Oils, resinous substances, etc., Treating vegetable matter for the production or extraction of. T. J. Fairley. 1,472,119; Oct. 30.
Oils, Treating. F. W. Bayard. 1,474,136; Nov. 13.
Oils, Treating. E. M. Clark, N. E. Loomis, and J. R. Carringer. 1,478,102; Dec. 18.
Oils, Treating. G. E. Hughes, sr. 1,459,732; June 26.
Oils, Treating hydrocarbon. L. H. Manning. 1,462,068; July 17.
Oils, Treating hydrocarbon. J. P. Persch. 1,453,479; May 1.
Oils, Treating petroleum. W. M. Burton and E. M. Clark. 1,448,254; Mar. 13.
Oils under pressure, Cracking hydrocarbon. R. W. Hanna, W. D. Mason, and W. G. Hamilton. 1,449,227; Mar. 20.
Oils under pressure to produce a low-boiling-point fraction from a higher-boiling-point oil or fraction, Cracking hydrocarbon. R. W. Hanna, W. D. Mason, and W. G. Hamilton. 1,449,226; Mar. 20.
Oleaginous substances, Purifying. F. M. Turner. 1,448,581; Mar. 13.
Olefines, Segregating. L. C. Stewart. 1,452,322; Apr. 17
1-allyl-3.7-dimethylxanthine, Easily and neutrally soluble double compounds of. E. Preiswerk. 1,455,264; May 15.
One-pipe furnace, Convertible. J. de Vries. 1,452,637; Apr. 24.
Onion-set-distributing machine. A. D. Cramer. 1,469,293; Oct. 2.
Open-hearth furnace. C. C. Bumbaugh. 1,467,827; Sept. 11.
Open-hearth furnace. O. F. Pennypacker. 1,474,606; Nov. 20.
Opener. J. Barr. 1,455,702; May 15.
Opening device. A. R. Neff. 1,445,905; Feb. 20.
Opening switch, Automatically-. N. Krump. 1,471,490; Oct. 23.
Operating knife, Interchangeable-blade. E. Langbein. 1,448,305; Mar. 13.
Operating table. C. A. Clark. 1,445,487; Feb. 13.
Operating table. I. Conrad. 1,475,798; Nov. 27.
Operating table. O. B. Schellberg. 1,475,143; Nov. 20.
Operating table. L. R. Trompeter. 1,458,561; June 12.
Operating table. O. W. Wilcox. 1,442,418; Jan. 16.
Operator's chair. C. L. Knott. 1,466,661; Sept. 4.
Ophthalmic frame. W. J. Wrighton. 1,440,430; Jan. 2.
Ophthalmic mounting. J. P. Bertram. 1,440,439; Jan. 2.
Ophthalmic mounting. C. O. Cozzens. 1,461,082; July 10.
Ophthalmic mounting. T. M. Howe. 1,451,696; Apr. 17.
Ophthalmic mounting. H. E. Kirstein and H. W. Gage. 1,478,661; Dec. 25.
Ophthalmic mounting. F. N. Kreisol. 1,451,735; Apr. 17.
Ophthalmic mounting. W. E. McDonell. 1,451,098; Apr. 10.
Ophthalmic mounting. W. S. Searles. 1,440,841; Jan. 2.
Ophthalmic mounting. E. L. Schumacher. 1,461,071; July 10.
Ophthalmic mounting. E. L. Schumacher. 1,471,009; Oct. 16.
Ophthalmic mounting. F. A. Stevens. 1,441,041; Jan. 2.
Ophthalmic mounting. F. A. Stevens. 1,459,348; June 19.
Ophthalmic mounting. H. H. Styll. 1,461,073; July 10.
Ophthalmic mounting. G. L. Tully and W. H. Boutelle. 1,455,512; May 15.
Ophthalmic mountings, Making composite rims for. J. C. Wells. 1,449,962; Mar. 27.
Optical apparatus for measuring small angles. A. Barr and W. Stroud. 1,455,772; May 22.
Optical binocular instrument. E. Wessely and J. Schier. 1,467,213; Sept. 4.
Optical demonstrating apparatus. A. E. Kintner. 1,476,621; Dec. 4.
Optical glass, Manufacture of. C. A. Parsons, C. J. Peddle, and H. M. Duncan. 1,465,022; Aug. 14.
Optical instrument. F. H. Carssow. 1,452,675; Apr. 24.
Optical instrument. W. R. Doxey. 1,443,704; Jan. 30.
Optical instrument. F. L. G. Kollmorgen. 1,458,137; June 12.
Optical instrument. J. T. Thompson. 1,455,011; May 15.
Optical instruments, Illuminator for. A. Silverman. 1,444,400; Feb. 6.
Optical instruments, Lamp mounting for certain. R. H. Wappler. 1,453,297; May 1.
Optical method and apparatus. H. J. Muller. 1,458,143; June 12.
Optical operations, Surgical device for. E. E. Sanders. 1,441,754; Jan. 9.
Optical pliers. J. E. Hughes. 1,454,475; May 8.
Optical refracting device. N. Osann. 1,443,756; Jan. 30.
Optical system. J. M. Boyle. 1,454,950; May 15.
Optical system, Mounted. E. Kandler and J. C. Sabel. 1,476,717; Dec. 11.
Optical systems, Arrangement for the examination of collective. W. Villiger and R. Mechau. 1,457,918; June 5.
Optical testing and measuring instrument. J. Mihalyi. 1,451,302; Apr. 10.
Optician's tool. J. M. Lawlor. 1,450,959; Apr. 10.
Optometrical method and instrument. B. E. Brierton and J. H. Tinder. 1,468,797; Sept. 25.
Optometrists, Identification sign for. E. F. Collins. Des. 62,771; July 31.
Orchard heater. O. B. Halstead. 1,465,819; Aug. 21.
Orchard heater. G. Lingenfelter. 1,461,247; July 10.
Orchard heater. B. L. Miller. 1,468,540; Sept. 18.
Orchard heater. W. C. Scheu. 1,459,076; June 19.
Orchard heater. F. E. Simons. 1,469,540; Oct. 2.
Orchards and the like, Air-circulating system for. L. M. Rowe. 1,440,748; Jan. 2.
Orchards, Device for preventing frost in. D. Mackenzie. 1,451,994; Apr. 17.
Orchestra, Mechanical. G. W. Hall. 1,462,006; July 17.

Ordnance and other apparatus in training, Means for use in the laying of. A. T. Dawson, G. E. Watt, and A. L. Perham. 1,446,336; Feb. 20.
Ordnance, Apparatus for use in the laying or sighting of. P. W. Gray. 1,453,104; Apr. 24.
Ordnance, High-angle. A. T. Dawson and G. T. Buckham. 1,464,171; Aug. 7.
Ordnance recoil apparatus. A. T. Dawson and G. T. Buckham. 1,458,686; June 12.
Ordnance sighting apparatus. A. T. Dawson and G. T. Buckham. 1,475,472; Nov. 27.
Ore and fuel in shaft furnaces, Agglomerating mixtures of fine. C. Giesecke. 1,447,071; Feb. 27.
Ore and like materials, Treating. W. E. Trent. 1,461,372; July 10.
Ore and other materials, Air lift for agitators. G. T. Geringer. 1,442,264; Jan. 16.
Ore and the like, Apparatus for handling. C. E. Davis. 1,477,814; Dec. 18.
Ore, Apparatus for concentrating. A. H. Penfield. 1,472,670; Oct. 30.
Ore classifier. A. Noriega. 1,456,563; May 29.
Ore-concentrating device. H. A. Smith and H. H. Brown. 1,450,118; Mar. 27.
Ore-concentrating process. R. Luckenbach. 1,473,192; Nov. 6.
Ore concentration. A. L. Court. 1,470,350; Oct. 9.
Ore concentrator. J. I. Mullen. 1,465,143; Aug. 14.
Ore concentrator. J. O. Thomas. 1,444,485; Feb. 6.
Ore concentrators, Driving mechanism for. C. F. Reiff. 1,468,575; Sept. 18.
Ore-handling apparatus. C. E. Davis. 1,462,688; July 24.
Ore-handling apparatus. C. E. Davis. 1,464,522; Aug. 14.
Ore, Hydrometallurgical treatment of zinc. J. O. Elton and R. B. Caples. 1,477,478; Dec. 11.
Ore, Method and apparatus for concentration of. L. M. Barker. 1,447,006; Feb. 27.
Ore-mixing pocket. J. H. Hearding. 1,443,843; Jan. 30.
Ore pulps, Filtration of. W. O. Borcherdt. 1,446,378; Feb. 20.
Ore-receiving surfaces, Adhesive coating for. R. Luckenbach. 1,448,927; Mar. 20.
Ore reduction. S. E. T. Ewing and J. L. Willey. 1,461,977; July 17.
Ore-roasting furnace. R. D. Pike. 1,444,209; Feb. 6.
Ore-roasting furnace. R. D. Pike 1,466,382; Aug. 28.
Ore separator. A. E. Bookwalter. 1,461,647; July 10.
Ore separator, Buoyant. A. H. Conners. 1,441,560; Jan. 9.
Ore separator. S. H. Whitney. 1,456,165; May 22.
Ore separator, Magnetic. F. A. Jordan. 1,475,394; Nov. 27.
Ore-sintering machines, Pallet mechanism for. R. L. Lloyd. 1,471,402; Oct. 23.
Ore-stream conveyer. F. M. Martin. 1,448,761; Mar. 20.
Ore-stream hopper. F. M. Martin. 1,448,760; Mar. 20.
Ore treatment, Hydrometallurgical process of. W. F. Gordon and E. W. Keith. 1,464,036; Aug. 7.
Ore, Treatment of lead-zinc. F. E. Elmore. 1,441,072; Jan. 2.
Ores and materials therefor, Flotation of. E. W. McCullough and R. E. Wilson. 1,476,530; Dec. 4.
Ores and minerals, Concentrating oxidized. N. C. Christensen. 1,467,354; Sept. 11.
Ores and recovery of copper, Leaching of copper. J. Irving. 1,451,734; Apr. 17.
Ores and such like operations, Furnace for roasting. A. V. Leggo. 1,444,927; Feb. 13.
Ores and the like, Flotation process for concentrating. A. C. Vivian. 1,449,797; Mar. 27.
Ores and the like, Loading machine for. T. R. E. Rundqvist. 1,475,888; Nov. 27.
Ores, Apparatus and method for sampling. F. M. Martin. 1,448,758; Mar. 20.
Ores, Apparatus for disintegrating. F. M. Martin. 1,448,759; Mar. 20.
Ores, Apparatus for roasting. C. G. Fink. 1,440,533; Jan. 2.
Ores, Apparatus for the concentration of. S. H. Dolbear. 1,478,703; Dec. 25.
Ores by flotation, Concentration of. R. Luckenbach. 1,448,929; Mar. 20.
Ores, Chloridizing of. J. H. Hirt. 1,467,037; Sept. 4.
Ores, Concentrating. B. H. Dosenbach. 1,477,476; Dec. 11.
Ores, Concentrating. R. Luckenbach. 1,448,928; Mar. 20.
Ores, Concentrating. R. V. Smith. 1,459,167; June 19.
Ores, Concentrating carnotite. W. F. Bleecker. 1,478,631; Dec. 25.
Ores, Concentration of oxidized. W. O. Borcherdt. 1,446,375; Feb. 20.
Ores containing galena, Treating. N. C. Christensen. 1,456,784; May 29.
Ores containing lead and zinc, Treatment of sulphide. P. A. MacKay. 1,473,193; Nov. 6.
Ores, Desulphurizing zinciferous sulphide. W. L. Maxson. 1,463,901; Aug. 7.
Ores, Differential flotation of. G. A. Hellstrand. 1,469,042; Sept. 25.
Ores, Extraction of lead from sulphide. W. H. Hannay. 1,456,798; May 29.
Ores, Extraction of vanadium and radium from carnotite. W. F. Bleecker. 1,445,660; Feb. 20.
Ores, Making agglomerates of fine. C. Giesecke. 1,478,215; Dec. 18.
Ores, Method of and apparatus for concentrating. S. H. Dolbear. 1,458,467; June 12.
Ores, Method of and apparatus for decomposing. J. D. Gat. 1,478,822; Dec. 25.
Ores of lead, silver, and copper, Treating sulphide. N. C. Christensen. 1,441,063; Jan. 2.
Ores of lead, Treating oxidized. N. C. Christensen. 1,441,065; Jan. 2.
Ores preparatory to leaching, Roasting of zinc sulphide. H. W. Gepp. 1,443,707–8; Jan. 30.
Ores, Process and furnace for reducing and roasting. E. Fleischer. 1,448,340; Mar. 13.
Ores, Recovering zinc from lead-zinc. R. V. Smith. 1,452,662; Apr. 24.
Ores, Roasting sulphide. F. G. Breyer, J. P. Hubbell, and D. M. Kerr. 1,463,867; Aug. 7.
Ores, Roasting sulphide. P. R. Middleton. 1,478,790; Dec. 25.
Ores, Treating. H. S. Mackay. 1,475,843; Nov. 27.
Ores, Treating. A. Silver. 1,461,807; July 17.
Ores, Treating bismuth. E. R. Darling. 1,477,321; Dec. 11.
Ores, Treating silicious. G. H. Wigton and S. M. Seddon. 1,458,016; June 5.
Ores, Treatment and leaching of complex. U. C. Tainton. 1,467,516; Sept. 11.
Ores, Treatment of complex sulphide. W. G. Perkins. 1,478,295; Dec. 18.
Ores with chloride solutions, Treating lead. N. C. Christensen. 1,441,064; Jan. 2.
Organ blower. R. L. Stanley. 1,453,416; May 1.
Organ pipe. C. E. Barkstrom. 1,458,382; June 12.
Organ stool, Pipe-. E. R. Howard. 1,478,567; Dec. 25.
Organ stop action, Combination. J. T. Austin. 1,456,612; May 29.
Organic porous materials, Composition of matter and preserving. M. Landau. 1,448,276; Mar. 13.
Organs, Adjustable combination stop action for. E. Verlinden. 1,462,429; July 17.
Organs and like instruments, Expressive-touch action for. J. H. Compton. 1,471,318; Oct. 16.
Organs, etc., Stop-actuating device for pipe. G. H. Chapman. 1,465,418; Aug. 21.
Ornamental and supporting article. F. Damiano. 1,457,350; June 5.
Ornamental article and producing the same. N. S. Clay. 1,454,845; May 15.
Ornamental designs, Means for devising. F. J. Rhodes. 1,453,728; May 1.
Ornamental fabric. C. Jenkins. 1,461,581; July 10.
Ornamental handle and producing same. F. Krzyzewski. 1,464,367; Aug. 7.
Ornamental surfaces, Producing. F. Strauss. 1,468,525; Sept. 18.
Ornamentation. T. Pfister. 1,463,836; Aug. 7.
Ornamented ware, Manufacture of. J. B. Lessell. 1,467,111; Sept. 4.
Ornamenting surfaces. A. H. Levine. 1,453,076; Apr. 24.
Orthodontic appliance. A. Fernald. 1,471,785; Oct. 23.
Orthodontist's locking device. E. M. Griffin. 1,467,789; Sept. 11.
Orthopedic appliance. C. H. Martin. 1,477,070; Dec. 11.
Orthopedic table, Self-freeing. G. W. Hawley. 1,470,362; Oct. 9.
Oscillating joint. H. C. Lord. 1,452,693; Apr. 24.
Oscillating machine. J. L. Waite. 1,464,051; Aug. 7.
Oscillations from rotary motion, Mechanism for producing. R. Goldschmidt. 1,450,072; Mar. 27.
Oscillations, Production of modulated high-frequency. R. A. Heising. 1,442,147; Jan. 16.
Osteopathic table. A. M. Freise. 1,459,953; June 26.
Outboard motor. W. F. A. Buehner. 1,460,570; July 3.
Outlet box. J. Barry. 1,441,054; Jan. 2.
Outlet box. L. H. Church and G. C. Thomas, jr. 1,450,972; Apr. 10.
Outlet-box construction. N. T. Clements. 1,473,812; Nov. 13.
Outlet boxes, Conduit fastener for. E. M. Blake. 1,475,338; Nov. 27.
Outlet or junction box. J. G. Knight. 1,471,340; Oct. 23.
Outside brake. F. J. Andel. 1,465,832; Aug. 21.
Oven. J. H. Beeby. 1,461,999; July 17.
Oven. G. M. Faulk. 1,477,050; Dec. 11.
Oven. S. T. Holvay. 1,471,961; Oct. 23.
Oven. C. McBridge. 1,461,280; July 10.
Oven. B. E. Meacham. 1,441,869; Jan. 9.
Oven. W. C. O'Kane. 1,449,952; Mar. 27.
Oven and cooking utensil, Combined field. B. L. Braddick. 1,460,639; July 3.
Oven, Baker's. W. Dredge. 1,463,616; July 31.
Oven, Baking. M. Feder. 1,466,473; Aug. 28.
Oven, Baking. V. A. Kincannon. 1,456,382; May 22.
Oven, By-product coke. Z. H. Kevorkian. 1,476,524; Dec. 4.
Oven charging and unloading apparatus. W. S. Hodges. 1,460,323; June 26.
Oven, Coke. P. Goffart. 1,455,527; May 15.
Oven, Coke. E. Lecocq. 1,466,663; Sept. 4.
Oven, Coke. O. Piette. 1,445,552; Feb. 13.
Oven, Coke. A. Roberts. 1,475,881; Nov. 27.

Oven, Coke. W. E. Roberts. 1,453,605; May 1.
Oven, Continuous baking. I. Elliott. 1,467,310; Sept. 11.
Oven, Continuous baking. I. W. England. 1,450,027; Mar. 27.
Oven door. A. F. Harter. 1,444,153; Feb. 6.
Oven door and the like, Coke-. A. Roberts. 1,466,064; Aug. 28.
Oven door, Balanced. C. B. Mossi and H. A. Chevola. 1,468,391; Sept. 18.
Oven door, Coke-. H. Gourley. 1,440,458; Jan. 2.
Oven, Electric bake. J. Hieb. 1,455,290; May 15.
Oven, Electric bake. J. C. Woodson. 1,440,519; Jan. 2.
Oven, Enameling. D. Leissler. 1,447,795; Mar. 6.
Oven, Extension. M. Ritzer. 1,445,357; Feb. 13.
Oven, Folding. J. Higham. 1,458,409; June 12.
Oven, Folding. A. J. Yeager. 1,450,056; Mar. 27.
Oven-front construction. A. Meadows. 1,468,736; Sept. 25.
Oven, Gas. G. W. Howes. 1,477,705; Dec. 18.
Oven illuminator. J. Masson. 1,444,260; Feb. 6.
Oven, Meat. A. Bogusky. 1,444,945; Feb. 13.
Oven or kiln for firing pottery and other ware, Tunnel. C. F. Bailey. 1,465,572; Aug. 21.
Oven or kiln, Gas-fired. J. H. Marlow. 1,452,887; Apr. 24.
Oven, Portable. C. L. Gehnrich. 1,442,393; Jan. 16.
Oven, Portable. R. Hoffman. 1,472,836; Nov. 6.
Oven, Portable. I. H. Pawlick. 1,463,061; July 24.
Oven, Portable. C. H. Reddig and H. A. Barrett. 1,458,002; June 5.
Ovens, Attachment for. W. B. Painter and E. A. Reeves. 1,451,050; Apr. 10.
Ovens, Collecting main for coke. L. Suber and E. Mercer. 1,477,673; Dec. 18.
Ovens, Discharging platform for coke. W. L. Graul and R. H. Towler. 1,458,576; June 12.
Ovens, Heat regulator for. H. S. Splithoff. 1,472,693; Oct. 30.
Ovens, Means for ventilating drying. A. Maehler. 1,451,883; Apr. 17.
Ovens, Reversing mechanism for by-product coke. L. F. Schrader. 1,460,829; July 3.
Ovens, Supplementary front for stone. H. T. Blaese. 1,449,160; Mar. 20.
Ovens, Thermostat for. A. G. Siebenlist. 1,476,377; Dec. 4.
Ovens, Thermostatic heat regulator for. B. E. Meacham. 1,465,086; Aug. 14.
Ovenware and holder therefor. H. Negbaur. 1,450,330; Apr. 3.
Overalls. C. R. Wood. 1,477,925; Dec. 18.
Overalls, Bib. W. C. Mastin. 1,463,748; July 31.
Overalls, Combination. A. G. Hildreth. 1,461,798; July 17.
Overalls suspenders loop. R. J. Hodge. 1,440,831; Jan. 2.
Overboot. F. H. Martin. 1,476,826; Dec. 11.
Overcoat. J. Kochanski. 1,470,449–50; Oct. 9.
Overflow alarm, Automatic. C. F. Willingham. 1,470,902; Oct. 16.
Overload device. H. E. Frost. 1,457,109; May 29.
Overload device. C. H. Rippl. 1,461,370; July 10.
Overseaming machines, Feeding mechanism for. J. R. Moffatt. 1,443,962; Feb. 6.
Overshoe. F. Rauscher. 1,467,950; Sept. 11.
Overshoe for horses. M. Blackman. 1,453,905; May 1.
Overshoe holder. W. Dalberg. 1,456,364; May 22.
Oversuit or overalls. G. K. Smith. 1,471,507; Oct. 23.
Overwinding preventer. D. E. Odom. 1,468,322; Sept. 18.
Oxidation and apparatus therefor, Selective. W. A. Darrah. 1,448,655; Mar. 13.
Oxides, Making organic. B. T. Brooks. 1,446,872; Feb. 27.
Oxides of metals of the chromium group, Reduction of. R. E. Pearson and E. N. Craig. 1,448,036; Mar. 13.
Oxides, Reducing metallic. E. B. Pratt. 1,459,187; June 19.
Oxidized aromatic substances, Making. R. H. McKee and H. C. Cooper. 1,458,491; June 12.
Oxidizing phosphorus. B. G. Klugh. 1,463,959; Aug. 7.
Oxyacetylene blowpipe. F. W. Smith. 1,444,985; Feb. 13.
Oxy and sulpho-oxy derivatives of anthraquinone, Manufacture of. D. Segaller and D. H. Peacock. 1,465,689; Aug. 21.
Oxychloride, Preparation of pure selenium. G. J. Fink and E. D. Giauque. 1,453,789; May 1.
Oxycodeinon and preparing the same, Isomeric product of reduction of. M. Freund and E. Speyer. 1,468,805; Sept. 25.
Oxy-derivatives of anthraquinone, Manufacture of. A. H. Davies. 1,446,163; Feb. 20.
Oxygen and apparatus therefor, Producing. W. A. Darrah. 1,448,654; Mar. 13.
Oxygen and hydrogen, Electrolyzing apparatus for the manufacture of. G. F. Jaubert. 1,461,661; July 10.
Oxygen apparatus. W. Gensecke. 1,448,590; Mar. 13.
Oxygen, Device for supplying. P. Heylandt. 1,464,319; Aug. 7.
Oyster dredge. D. R. Lossing. 1,467,277; Sept. 4.
Oyster liquor, Apparatus for the manufacture of. A. Babendreer. 1,444,094; Feb. 6.
Oyster opener. P. C. Lofland. 1,472,179; Oct. 30.
Oyster-shucking machine. H. Egli. 1,445,672; Feb. 20.
Ozone-generating apparatus. R. Goedicke. 1,454,219; May 8.
Ozonizer. M. W. Willson. 1,461,238; July 10.
Pack-handling apparatus. E. C. Pool. 1,448,715; Mar. 13.
Package. E. H. Angier and W. M. Wheildon. 1,447,331; Mar. 6.
Package. C. Davis. 1,448,435; Mar. 13.
Package. C. C. Harris. 1,474,113; Nov. 13.
Package. S. R. Howard and G. W. Anderson. 1,468,299; Sept. 18.
Package. W. M. Wheildon. 1,452,100; Apr. 17.
Package and making the same. J. C. Thom. 1,449,073; Mar. 20.
Package and packaging method. M. Koppelman. 1,445,774; Feb. 20.
Package and packing fragile articles. A. E. Snyder. 1,470,200; Oct. 9.
Package, Bumper. G. A. Lyon. 1,451,781; Apr. 17.
Package closure. W. H. Rose. 1,443,043; Jan. 23.
Package conveying and distributing device. S. Olson. 1,460,437; July 3.
Package-conveying mechanism. R. C. Strout. 1,476,737; Dec. 11.
Package for incandescent mantles. J. P. Harris. 1,450,593; Apr. 3.
Package for wall paper, etc. C. Gallistel. 1,472,211; Oct. 30.
Package-forming machine. F. E. Beam. 1,462,566; July 24.
Package handle. G. W. Carver. 1,460,354; June 26.
Package, Lacing. A. G. Titus. 1,472,443; Oct. 30.
Package lifter. P. Larsen. 1,467,799; Sept. 11.
Package, Novelty candy. A. M. Porter. 1,468,743; Sept. 25.
Package or container, Special. J. Peterson. 1,478,354; Dec. 18.
Package-receiver lock. A. W. Chapman. 1,478,552; Dec. 25.
Package, Sanitary. M. Crupain. 1,452,456; Apr. 17.
Package-sealing machine. H. L. Johnson. 1,473,992; Nov. 13.
Package, Separable multiple unit bumper. G. A. Lyon. 1,451,780; Apr. 17.
Package, Shipping. A. J. Gerrard and P. Wright. 1,445,762; Feb. 20.
Package structure and making same. H. de Escobales. 1,458,977; June 19.
Package tie. J. A. Kaye. 1,476,520; Dec. 4.
Package tie. F. C. Tischhauser. 1,446,525; Feb. 27.
Package, Toilet-article. M. Crupain. 1,452,363; Apr. 17.
Package, Toilet-powder. G. F. McCarty. 1,468,164; Sept. 18.
Package-transfer mechanism. S. R. Howard. 1,447,984; Mar. 13.
Package-tying device. L. R. Sangston. 1,461,584; July 10.
Package, Wound. S. A. Barbour. 1,454,573; May 8.
Package-wrapping machine. W. B. Munn. 1,463,716; July 31.
Package, Yarn. T. Andrew. 1,477,162; Dec. 11.
Packaged article. W. H. Smith. 1,459,754; June 26.
Packaged goods, Apparatus for treating. E. C. Northrup and E. H. Specht. 1,457,852; June 5.
Packages, Apparatus for handling. F. M. Sheen. 1,455,273; May 15.
Packages, Apparatus for moistureproofing. L. Morinsky. 1,461,760; July 17.
Packages, bags, and the like, Apparatus for heaping or piling up. J. C. Thouviot. 1,452,449; Apr. 17.
Packages, boxes, etc., pilferproof, Device for rendering. J. W. Leslie. 1,445,630; Feb. 20.
Packages, Closure for discharge apertures in. W. F. Downing, jr. 1,468,359; Sept. 18.
Packages, Device for handling. J. A. Donald. 1,468,878; Sept. 25.
Packages from skeins, Preparing wound. W. G. Hannah. 1,450,544; Apr. 3.
Packages, Machine for handling. J. N. Tzibides. 1,467,020; Sept. 4.
Packages, Manufacture of moistureproof. H. G. Eckstein. 1,451,145; Apr. 10.
Packages, Method and apparatus for controlling cooling of. G. W. Luhrmann. 1,453,279; May 1.
Packages, System for distributing. J. R. Alexander. 1,457,204; May 29.
Packages with foil and sealing said foil, Machine for covering. E. J. Conley and E. J. Whalen. 1,443,068; Jan. 23.
Packaging apparatus. C. G. Beldeh. 1,455,037; May 15.
Packaging apparatus. G. J. Huntley. 1,466,722; Sept. 4.
Packaging apparatus. G. J. Huntley. 1,469,560; Oct. 2.
Packaging apparatus. F. M. Peters and W. H. Hungerford. 1,465,481; Aug. 21.
Packaging articles. E. H. Angier. 1,476,319; Dec. 4.
Packaging articles, Machine for. I. Lazaga. 1,452,692; Apr. 24.
Packaging device. G. A. Robinson. 1,456,576; May 29.
Packaging machine. M. B. Cannon. 1,473,175; Nov. 6.
Packaging machine. W. B. Engler. 1,456,542; May 29.
Packaging machine. R. Herz and E. Conti. 1,465,921; Aug. 21.

Packaging machine. L. L. Salfishberg. 1,476,222; Dec. 4.
Packaging mechanism. J. Peterson and J. C. Thom. 1,478,056; Dec. 18.
Packer and hitch therefor. J. Bley. 1,463,243; July 31.
Packer, flowhead, and pumping device, Automatic. G. C. Henshaw and W. H. Myers. 1,459,368; June 19.
Packer plug. M. E. Inskeep. 1,443,474; Jan. 30.
Packer, Tobacco. O. R. Matson. 1,461,491; July 10.
Packing. J. T. Crane. 1,466,641; Aug. 28.
Packing. G. B. Gates. 1,444,457; Feb. 6.
Packing. J. G. Leonard. 1,478,040; Dec. 18.
Packing. K. W. Liebau. 1,458,660; June 12.
Packing. C. I. E. Mastin. 1,473,492; Nov. 6.
Packing. C. I. E. Mastin. 1,473,597; Nov. 6.
Packing. C. F. Schwennker. 1,463,488; July 31.
Packing. O. W. Trumbull. 1,455,682; May 15.
Packing and making it, Flexible. J. Ostrander. 1,459,744; June 26.
Packing and making same. C. C. Hall. 1,464,604; Aug. 14.
Packing and preparing it. M. H. Cook. 1,443,311; Jan. 23.
Packing and shipping case for garments. J. T. Batts. 1,450,708; Apr. 3.
Packing and shipping containers, Closure for. W. R. O'Connor. 1,444,135; Feb. 6.
Packing box for potted plants. C. E. Risley. 1,469,536; Oct. 2.
Packing case. L. I. M. Bigby and J. R. Meikle. 1,469,615; Oct. 2.
Packing case. W. K. Dean. 1,459,017; June 19.
Packing case. L. C. Doane. 1,456,098; May 22.
Packing case. R. H. Ellis and F. Simper. 1,453,094; Apr. 24.
Packing case. H. H. Read. 1,447,038; Feb. 27.
Packing case. R. Wood and C. Garrett. 1,456,582; May 29.
Packing case or box structure. E. S. Daniels. 1,472,635; Oct. 30.
Packing cases, boxes, bales, and the like, Apparatus for securing metallic bands around. A. C. Payne and R. Eyre. 1,474,207; Nov. 13.
Packing cases, Means for fastening articles in. A. Neils. 1,478,138; Dec. 18.
Packing comminuted material, Apparatus for. A. Johnson. 1,477,358; Dec. 11.
Packing comminuted material, Apparatus for. A. Johnson. 1,477,499; Oct. 11.
Packing device. S. E. Flitner. 1,459,300; June 19.
Packing device, Ensilage. J. E. Dobson, and S. M. Crookshank. 1,448,616; Mar. 13.
Packing device, Gauze. E. M. Pistor. 1,456,828; May 29.
Packing, Expansible. E. E. Miller and G. P. Croner. 1,446,919; Feb. 27.
Packing for eggs and other fragile articles. L. Mann and M. Koppelman. 1,445,780; Feb. 20.
Packing for pumps. W. A. O'Bannon. 1,454,400; May 8.
Packing for pump pistons and the like. G. C. Deakins and L. S. Hamer. 1,468,459; Sept. 18.
Packing for steam turbines. C. W. Dake. 1,452,147; Apr. 17.
Packing for turbine shafts and the like. W. F. Somes. 1,470,587; Oct. 9.
Packing in combustible material for unsweating the same, Packaging rod. G. C. Jerome. 1,452,159; Apr. 17.
Packing jar or the like. P. Kucera. 1,466,840; Sept. 4.
Packing machine. A. Johnson. 1,466,045; Aug. 28.
Packing machine, Meat-. C. Merli and G. Bertolini. 1,450,104; Mar. 27.
Packing machine, Sugar- C. C. Reese, J. T. Buzzo, and R. S. Woodford. 1,453,767; May 1.
Packing, Making piston-rod. G. Christenson. 1,466,086; Aug. 28.
Packing material. J. A. Cummings, jr. 1,458,574; June 12.
Packing material for stuffing boxes, Plastic. D. Sternlieb. 1,441,951; Jan. 9.
Packing, Metallic. F. E. Payne. 1,466,806; Sept. 4.
Packing, Metallic. J. H. Renshaw. 1,457,461; June 5.
Packing, Piston and stuffing-box. J. A. Spencer. 1,444,856; Feb. 13.
Packing pump. J. J. Cullinan. 1,451,814; Apr. 17.
Packing ring. N. W. McLeod. 1,449,615; Mar. 27.
Packing ring. V. E. Nelson. 1,470,585; Oct. 9.
Packing ring and making same, Composite piston. G. Christenson. 1,466,087; Aug. 28.
Packing ring and making the same. J. B. Wenzel. 1,450,568; Apr. 3.
Packing rings, Apparatus for peening. E. T. Manning. 1,445,150; Feb. 13.
Packing rings, Making. C. H. Butler and H. H. Jones. 1,472,744; Oct. 30.
Packing rings, Making segmental metallic. R. A. Light and J. W. Price, jr. 1,444,473; Feb. 6.
Packing rings, Manufacturing one-piece. G. W. Olney. 1,477,379; Dec. 11.
Packing rings, Method of and machine for making. J. B. Wenzel. 1,444,575; Feb. 6.
Packing, Rod. C. T. Walters. 1,473,451; Nov. 6.
Packing, Self-adjusting oil-seal pressure. W. Wishart and A. H. Morrell. 1,448,021; Mar. 13.
Packing, Semimetallic. W. R. Beldam. 1,464,234; Aug. 7.
Packing unit for and method of packing fragile articles. L. Mann and M. Koppelman. 1,445,779; Feb. 20.
Packing washer. H. B. Kimmel. 1,468,639; Sept. 25.
Pad: *See*—
Baseball-glove pad.
Brake-band silencing pad.
Chair pad.
Desk memorandum pad.
Heating pad.
Heel pad.
Hoof pad.
Horseshoe pad.
Inking pad.
Ironing pad.
Knee pad.
Kneeling pad.
Pedal pad.
Presser pad.
Pressing pad.
Seat pad.
Sliding pad.
Shoe pad.
Spring pad.
Stamp-inking pad.
Stamp pad.
Table pad.
Writing pad.
Pad holder. A. Otterbein. 1,478,880; Dec. 25.
Pads, Manufacturing excelsior. W. E. Leibing and L. C. Taggart. 1,469,420; Oct. 2.
Padded roll. H. O. Mamaux. 1,445,700; Feb. 20.
Padding. J. P. Hooper. 1,471,029; Oct. 16.
Paddle, Stirring. A. M. Williams. 1,460,007; June 26.
Padlock. D. Bartolacelli. 1,464,194; Aug. 7.
Padlock. F. E. Best. 1,451,860; Apr. 17.
Padlock, Keyless. F. C. Rozycki. 1,445,719; Feb. 20.
Padlock, Keyless. C. J. Squires. 1,445,648; Feb. 20.
Padlock, Push-key combination. C. J. Squires. 1,463,230; July 31.
Padlock with nonreversible shackle. G. M. Miller. 1,473,353; Nov. 6.
Padlocks, Detachable keyhole seal for. T. W. Benson. 1,460,472; July 3.
Pail. M. E. Gray. Des. 62,233; Apr. 24.
Pail and stand, Combined. A. G. Harrington. 1,460,484; July 3.
Pail closure. S. M. Johnson. 1,459,469; June 19.
Pail, Compartment. A. Twigg. 1,456,951; May 29.
Pail, Dinner. W. S. Nelson. 1,472,667; Oct. 30.
Pail, Milking. W. E. Castlebury. 1,446,692; Feb. 27.
Pail, Minnow. W. L. Codner. 1,444,412; Feb. 6.
Pail tops. Apparatus for fastening steel. S. M. Johnson. 1,443,264; Jan. 23.
Pails, Guard for milk. J. M. Dobbins. 1,465,119; Aug. 14.
Pails, Machine for hooping. S. Cooper. 1,466,700; Sept. 4.
Paint. J. T. Lawrence. 1,450,688; Apr. 3.
Paint. W. H. Robinson. 1,445,173; Feb. 13.
Paint. A. C. Tutt and L. F. Snelson. 1,448,284; Mar. 13.
Paint and other liquids, Device for spraying. F. R. Long. 1,442,814; Jan. 23.
Paint and varnish remover. F. A. Van Ness. 1,474,984; Nov. 20.
Paint and varnish removing composition. I. A. Ferrell. 1,449,388; Mar. 27.
Paint box. W. H. Milliken, jr. 1,478,242; Dec. 18.
Paintbrush. G. Marsh. 1,465,856; Aug. 21.
Paint, Chemical fireproof. P. Oosterhouse. 1,442,089; Jan. 16.
Paint composition and manufacturing the same. P. Peters. 1,441,168; Jan. 2.
Paint, Composition for removing. A. W. Scoles. 1,467,654; Sept. 11.
Paint, Composition of matter for use as a roof. J. Gower and H. Wolfe. 1,447,208; Mar. 6.
Paint, Cumaron. C. Ellis. 1,451,092; Apr. 10.
Paint, enamel, etc., Removing. L. C. Moore and W. T. Jackson. 1,476,909; Dec. 11.
Paint-making machinery. J. W. Kent. 1,468,864; Sept. 25.
Paint-removing tool. J. L. Doty. 1,442,559; Jan. 16.
Paint-spraying apparatus. G. C. Fish and A. H. Cummings. 1,471,690; Oct. 23.
Painting device. A. Rapisardi. 1,456,910; May 29.
Painting machine, Barrel-. F. C. Fantz. 1,449,660; Mar. 27.
Painting machine, Tube-. P. Bellows. 1,455,065; May 15.
Painting outfit. W. E. King. 1,474,721; Nov. 20.
Paints and making the same, Drier or filler for. G. B. Hughes, sr. 1,459,733; June 26.
Paints and pigments, Determining the hiding power of. A. H. Pfund. 1,468,075; Sept. 18.
Paints, varnishes, and the like, Delivering. T. F. Bradley. 1,478,017; Dec. 18.
Palette. J. K. Pameyer. 1,458,436; June 12.
Pan: *See*—
Ash pan.
Baking pan.
Bread pan.
Cake pan.
Dry pan.
Frying pan.
Gold pan.
Locomotive ash pan.
Roasting pan.
Seed pan.
Sink pan.
Vacuum pan.
Pan. C. Rysdon. 1,463,063; July 24.
Pan concentrator. F. E. Johnesse. 1,470,011; Oct. 9.
Pan cover, Frying and roasting. G. F. Mohlman. 1,470,281; Oct. 9.
Pan-greasing machine. G. L. Gay. 1,472,163; Oct. 30.
Pan-greasing machine. F. Wittmann. 1,443,407; Jan. 30.
Pan lifter. J. R. Johnson. 1,451,042; Apr. 10.
Pan lifter. J. I. Knaggs. 1,448,968; Mar. 20.
Pan shifter. J. F. Scott. 1,474,448; Nov. 20.

Pans, Handle for pie. H. S. Altman. 1,462,880; July 24.
Panel-board construction. E. A. Olley. 1,452,752; Apr. 24.
Panels, Channel structure for tonneau. J. Ledwinka. 1,443,482–4; Jan. 30.
Pantograph. R. B. Spikes. 1,461,988; July 17.
Pants presser. P. J. Arbes. 1,471,676; Oct. 23.
Papaverine nitrite, Producing. H. Stenzl. 1,468,607; Sept. 18.
Paper. C. S. Aagaard. Des. 61,865; Feb. 6.
Paper. C. S. Aagaard. Des. 63,062; Oct. 2.
Paper. E. P. Benois. Des. 63,353; Nov. 27.
Paper and cardboard making machines during their operation, Device for cleaning the felt of. H. Jotzen. 1,478,712; Dec. 25.
Paper and letter receiver. R. L. Webb. 1,467,078; Sept. 4.
Paper and making same, Reenforced. P. T. Jackson. 1,446,092; Feb. 20.
Paper and making same, Safety. B. W. Smith. 1,454,837; May 8.
Paper and other fibrous material impervious to grease, Rendering. W. L. Wright. 1,474,502; Nov. 20.
Paper and similar products, Section box for the manufacture of. E. and M. Lamort. 1,468,240; Sept. 18.
Paper and substance for coating the same, Coated. H. N. Case. 1,445,387; Feb. 13.
Paper-bag-bottoming machine. J. W. Taggart. 1,450,120; Mar. 27.
Paper-bag-bottoming machine. J. W. Taggart. 1,453,294; May 1.
Paper-bag handle construction. G. W. Eisenhart. 1,451,652; Apr. 10.
Paper-bag holder. G. F. Garland. 1,443,320; Jan. 23.
Paper-bag holder. A. D. Peterson. 1,473,640; Nov. 13.
Paper bags and the like and making same, Underlay for printing on. W. J. Pippert. 1,449,545; Mar. 27.
Paper bags, Device for folding. P. Gangler. 1,459,825; June 26.
Paper bags, Machine for closing. K. Otting. 1,444,005; Feb. 6.
Paper-bailing machine. W. A. Wulle. 1,474,874; Nov. 20.
Paper, Bar for use in moving rolls of. H. Parker. 1,441,710; Jan. 9.
Paper-board machines, Sluice for. J. Hickey and D. H. Schwartz. 1,465,217; Aug. 14.
Paperboard, Waterproof. A. L. Clapp. 1,468,959; Sept. 25.
Paper, Boring machine for. I. Gestas. 1,451,610; Apr. 10.
Paper bottle, Sanitary nonrefilling. A. Braunstein. 1,474,228; Nov. 13.
Paper box. S. Bergstein. 1,465,411; Aug. 21.
Paper box. F. J. Dolan. 1,443,564; Jan. 30.
Paper box. H. C. Kessler. 1,455,792; May 22.
Paper box. H. M. Levy. 1,459,225; June 19.
Paper-box construction. C. Faust. 1,458,750; June 12.
Paper-box construction. H. B. Smith. 1,470,396–7; Oct. 9.
Paper box, Folding. H. A. Feigelman. 1,471,478; Oct. 23.
Paper-box-folding machine. L. E. La Bombard and M. H. Sidebotham. 1,444,347; Feb. 6.
Paper-box machine. A. A. Adamson and W. F. Grupe. 1,445,654; Feb. 20.
Paper-box machine. E. G. Staude. 1,449,959; Mar. 27.
Paper box member, Reenforced. E. W. Labombarde. 1,477,963; Dec. 18.
Paper boxes, Machine for making. F. J. Dolan. 1,467,026; Sept. 4.
Paper boxes, Making. F. J. Dolan. 1,467,027; Sept. 4.
Paper boxes, Making. L. C. Palmer. 1,474,844; Nov. 20.
Paper cabinet, Toilet-. C. Fisher. 1,456,790; May 29.
Paper can. L. D. Roberts. 1,459,260; June 19.
Paper can or carbon. L. C. Brooks. 1,462,443; July 17.
Paper, cardboard and the like having drawings on it, Rendering translucent sheets of. A. Klement. 1,464,477; Aug. 7.
Paper, cardboard, and the like, Machine for cutting. H. J. Poole. 1,447,885; Mar. 6.
Paper cards, envelopes, etc., Mechanism for feeding. H. C. Gammeter. 1,457,158; May 29.
Paper carton. L. Kuhn. Des. 62,148; Mar. 27.
Paper carton. L. Kuhn. Des. 62,782; July 31.
Paper carton. J. Loufek. 1,459,110; June 19.
Paper, Carton for folded tissue. L. J. Arms. 1,459,275; June 19.
Paper clip. L. H. Ashmore. 1,474,102; Nov. 13.
Paper clip. L. E. Huot. 1,467,320; Sept. 11.
Paper clip. C. E. Potter. 1,457,042; May 29.
Paper clip and envelope opener, Combined. V. Jacquemin. 1,452,341; Apr. 17.
Paper closure. G. Ramsey. 1,453,283; May 1.
Paper, Coating for transfer. J. H. Raven. 1,446,104; Feb. 20.
Paper, Composition for treating. S. H. Parrish. 1,468,831; Sept. 25.
Paper cones, Machine for making. J. Eppler. 1,460,750; July 3.
Paper contained in a magazine and for folding such sheets, Apparatus for effecting the extraction successively of sheets of. R. Braunstein. 1,458,462; June 12.
Paper contained in a magazine, Apparatus for effecting the gripping, the extraction, and the folding of sheets of. R. Braunstein. 1,458,463; June 12.
Paper container. F. Coates. 1,454,846; May 15.
Paper container. C. B. McGrath. 1,456,897; May 29.
Paper container bodies and the like, Machine for making. J. T. Bond. 1,478,098; Dec. 18.
Paper-container-making machine, Automatic. A. Braunstein. 1,474,229; Nov. 13.
Paper containers, Manufacture of. M. M. Schwer. 1,472,440; Oct. 30.
Paper-core bundling device. H. A. Morey and C. P. R. Warren. 1,458,236; June 12.
Paper-crinkling mechanism. K. Wandel. 1,447,699; Mar. 6.
Paper cup. G. J. Bohlman. 1,448,329; Mar. 13.
Paper-cup dispenser. H. Carle. 1,472,584; Oct. 30.
Paper-cup dispensers, Ejector mechanism for. C. Barbieri. 1,466,923; Sept. 4.
Paper-cup-dispensing device. J. Schoepe. 1,461,332; July 10.
Paper cups, Delivery carton for. W. F. Hill. 1,445,884; Feb. 20.
Paper-cupping machine. W. R. Schindler. 1,451,057; Apr. 10.
Paper cutter. L. H. Murray. 1,467,006; Sept. 4.
Paper cutter and letter opener, Combined. R. L. Baldwin. 1,463,786; Aug. 7.
Paper-cutting machine. T. C. Dexter. 1,476,155; Dec. 4.
Paper-cutting machine. E. R. Linebaugh. 1,461,425; July 10.
Paper-cutting machine. C. Seybold. 1,451,120; Apr. 10.
Paper-cutting machine. L. A. Straubel. 1,452,227; Apr. 17.
Paper, Dentist's articulating. F. W. Keith. 1,458,062; June 5.
Paper, Device for perforating. I. H. Fruchter. 1,460,647; July 3.
Paper, Device for readily fastening together loose leaves of. G. Jobst. 1,451,777; Apr. 17.
Paper-dish blank. W. A. Green. 1,476,298; Dec. 4.
Paper dishes, Apparatus for and method of manufacturing. P. R. Simmons. 1,473,387; Nov. 6.
Paper dispenser. A. F. Lesler. 1,469,162; Sept. 25.
Paper-dispensing apparatus. H. E. Schroeder. 1,449,062; Mar. 20.
Paper-dispensing device. H. C. Talbot. 1,450,009; Mar. 27.
Paper, Dispensing packet for waxed. W. B. Collins. 1,463,503; July 31.
Paper doll. J. F. Johnston. 1,475,070; Nov. 20.
Paper drinking cup and making same. E. W. Labombarde. 1,470,172; Oct. 9.
Paper-drinking-cup stand. E. C. Baldwin. 1,467,082; Sept. 4.
Paper drinking cups, envelopes, and the like, Machines for making. A. Novick. 1,444,004; Feb. 6.
Paper-drying machine. C. Nelson. 1,463,923; Aug. 7.
Paper-drying machine. C. Nelson. 1,469,048; Sept. 25.
Paper dust-receiving bag for vacuum cleaning machines. R. M. Langdon. 1,468,719; Sept. 25.
Paper fastener. H. A. Lindstrom. 1,477,966; Dec. 18.
Paper fasteners, Punch for. H. A. Lindstrom. 1,477,967; Dec. 18.
Paper-fastening device. R. H. Romig. 1,476,420; Dec. 4.
Paper-feed mechanism. L. R. Barber. 1,466,922; Sept. 4.
Paper, Feeding and cutting mechanism for waxed. H. A. Sévigné and F. K. Arnold. 1,464,544; Aug. 14.
Paper-feeding apparatus. A. Broadmeyer. 1,441,910; Jan. 9.
Paper-feeding apparatus. A. Broadmeyer. 1,449,377; Mar. 27.
Paper-feeding apparatus. R. J. Thompson and R. S. Dalton. 1,457,094; May 29.
Paper-feeding device for printing presses. C. M. Kirkland. 1,470,588; Oct. 9.
Paper-feeding mechanism. A. Olgay. 1,443,430; Jan. 30.
Paper, Fly. A. A. Banks. 1,459,711; June 26.
Paper folding box. S. Bergstein. 1,461,961; July 17.
Paper-folding machine. G. S. Houston. 1,465,440; Aug. 21.
Paper-folding machine. E. Wortmann. 1,471,874; Oct. 23.
Paper-folding machines, Feed-control-stopping mechanism for. T. J. Beregh. 1,446,030; Feb. 20.
Paper for negotiable instruments and making same, Safety. B. W. Smith. 1,449,453; Mar. 27.
Paper for towels, toilet paper, etc., Machine for and process of producing rolls of. W. S. Crandell. 1,457,822; June 5.
Paper for window envelopes, Preparing. O. Poeppel. 1,444,082; Feb. 6.
Paper gaskets, Automatic machine for cutting. C. W. Graham. 1,447,381; Mar. 6.
Paper-hanger's sectional plank. E. Schuler. 1,470,122; Oct. 9.
Paper-hanger's table. A. Finn. 1,462,449; July 17.
Paper-hanger's tool. W. B. Lupton. 1,451,444; Apr. 10.
Paper-hanging apparatus. F. Haworth. 1,443,683; Jan. 30.
Paper-hanging machine. M. A. Kishell. 1,464,992; Aug. 14.

Paper having the appearance of handmade paper, Making. J. H. A. Armstrong. 1,470,675; Oct. 16.
Paper holder. C. R. Fleischmann. 1,464,983; Aug. 14.
Paper holder, Fly-. D. Levy. 1,458,890; June 12.
Paper holder, Fly-. G. M. Pellettieri. 1,445,549; Feb. 13.
Paper holder for stenographic and like machines. M. Grandjean. 1,468,703; Sept. 25.
Paper holder, Toilet. W. Eustis. 1,441,410; Jan. 9.
Paper holder, Toilet-. A. W. Hartmeyer. 1,462,176; July 17.
Paper, Holding wax sheets of. C. S. Moore. 1,475,712; Nov. 27.
Paper-interfolding machine. W. T. Lazar. 1,457,978; June 5.
Paper lock. F. Kronenberger. 1,476,822; Dec. 11.
Paper machine and apron therefor. P. E. Dudley and H. Boice. 1,441,332; Jan. 9.
Paper, Machine for operating on. H. G. Widmer. 1,459,041; June 19.
Paper, Machine for pressing and labeling interfolded sheets of. L. A. Straubel. 1,452,988; Apr. 24.
Paper machines, Cleaning felts of. G. K. Walker. 1,468,057; Sept. 18.
Paper machines, Paper-roll track for. W. H. Sanburn. June 5.
Paper machines, Stock regulator for. A. T. Hilaman. 1,442,272; Jan. 16.
Paper made from kapok fiber. A. Lendle. 1,450,600; Apr. 3.
Paper-making and like machinery, Mounting for the dandy rolls of. W. E. K. Trotman. 1,468,890; Sept. 25.
Paper-making and other machines, Steam drying system for. H. Liebeck. 1,457,779; June 5.
Paper-making machine. E. M. Bassler. 1,470,953; Oct. 16.
Paper-making machine. C. C. Clutch. 1,466,120; Aug. 28. 1,456,077; May 22.
Paper-making machine. W. S. Crandell. 1,450,488; Apr. 3.
Paper-making machine. W. S. Crandell. 1,453,090; Apr. 24.
Paper-making machine. W. S. Crandell. 1,457,349; June 5.
Paper-making machine. A. A. Judd. 1,476,894; Dec. 11.
Paper-making machine. F. J. Marshall. 1,445,782; Feb. 20.
Paper-making machine. J. D. Tompkins. 1,454,606; May 8.
Paper-making machine. J. W. Vedder and F. W. Lodding. 1,477,020; Dec. 11.
Paper-making machine, Cylinder. G. L. Bidwell. 1,463,544; July 31.
Paper-making machine, Fourdrinier. L. M. Start, S. B. Stafford, and J. W. Vedder. 1,458,558; June 12.
Paper-making machines and other similar machines, Speed-changing power-transmission mechanisms for. F. A. Headson. 1,471,603; Oct. 23.
Paper-making machines and the like, Segregated drive for. W. L. Merrill. 1,465,087; Aug. 14.
Paper-making machines, Automatic stock regulator for. R. Hockman. 1,451,659; Apr. 10.
Paper making machines, Cleaning device for. C. F. Roberts. 1,459,161; June 19.
Paper making machines, Rotary screen for. R. S. Clarke. 1,468,875; Sept. 25.
Paper-making machinery, Signal and recording meter for. E. H. Butterfield and F. D. Otterbein. 1,453,438; May 1.
Paper, Making oiled. S. Sparks. 1,444,217; Feb. 6.
Paper, Making self-copying writing. A. G. E. Lundgren. 1,463,897; Aug. 7.
Paper-making stock, Apparatus for washing. B. Crocker. 1,474,893; Nov. 20.
Paper manifolding. J. Q. Sherman. 1,471,288; Oct. 16.
Paper, Manufacture of light copy. G. Kögel and H. Neuenhaus. 1,444,469; Feb. 6.
Paper, Manufacture of metal-coated. K. Wickel geb. Holecek. 1,465,107; Aug. 14.
Paper, Manufacture of rolled wrapping. W. C. Pickell. 1,477,588; Dec. 18.
Paper, Manufacture of wall. H. C. Jarvis. 1,457,369; June 5.
Paper, Manufacturing ornamental. M. A. T. Gillbee. 1,454,676; May 8.
Paper, Manufacturing watermarked. W. S. Lucey. 1,455,752; May 15.
Paper material and the like grease and water proof, Rendering. W. L. Wright. 1,476,562; Dec. 4.
Paper material greaseproof, Rendering. W. L. Wright. 1,449,718; Mar. 27.
Paper, Means and method for drying printed. J. C. Yetter. 1,472,450; Oct. 30.
Paper, Means for detaching and delivering lengths of. E. Stephen. 1,452,621; Apr. 24.
Paper, Method and apparatus for making overlay and underlay. H. N. Case. 1,445,386; Feb. 13.
Paper, Method and apparatus for making overlay and underlay. H. N. Case. 1,445,388; Feb. 13.
Paper, Method and machine for making. J. D. Tompkins. 1,472,572; Oct. 30.
Paper, millboard, vegetable leather substitute, and linoleum substitute, Apparatus for the production of designs in. F. Kaye. 1,471,169–70; Oct. 16.
Paper, Multiply reenforced. A. F. Schenkelberger. 1,460,392; July 3.
Paper or cardboard pulps, Apparatus for comminuting, refining, and triturating. K. A. Thorsen. 1,457,865; June 5.
Paper or other articles, Making. A. L. Weis. 1,471,225; Oct. 16.
Paper or pulp container. F. Coates. 1,456,423–4; May 22.
Paper or pulp, Manufacturing. L. M. Booth. 1,443,454; Jan. 30.
Paper or pulp tubes or similar article, Apparatus for handling. H. Parker. 1,467,008; Sept. 4.
Paper pail. J. J. Lanzit. 1,448,362; Mar. 13.
Paper pails, Cover-fastening device for. G. W. Swift, jr. 1,462,153; July 17.
Paper pasting and severing machine. J. Oppman. 1,465,862; Aug. 21.
Paper pulp and similar fibrous material, Narrowing fiber strips in manufacturing rovings from. F. P. Priem. 1,448,280; Mar. 13.
Paper pulp and the like, Production of. B. S. Summers. 1,451,125; Apr. 10.
Paper pulp, Bleaching. J. C. Baker. 1,468,693; Sept. 25.
Paper pulp, Machine for straining. J. Paramor. 1,455,303; May 15.
Paper pulp, Making. B. J. Bellinger. 1,463,000; July 24.
Paper pulp, Making. B. S. Summers. 1,457,915; June 5.
Paper pulp processes, Cooler for reclaimed liquor and gas in. G. F. Shevlin. 1,457,941; June 5.
Paper pulp stock to insure uniform consistency, Treating. G. P. Berkey. 1,472,238; Oct. 30.
Paper-punch cleaner. C. B. Fowler. 1,444,736; Feb. 6.
Paper-punching press. E. Leschhorn. 1,462,559; July 24.
Paper receptacle or container. I. Stanley. 1,467,123; Sept. 4.
Paper-reenforcing machine and method thereof. A. E. Currier. 1,460,949; July 3.
Paper-roll-changing apparatus. H. A. W. Wood. 1,464,463; Aug. 7.
Paper-roll holder. L. B. Grasberger. 1,449,037; Mar. 20.
Paper-roll plug. E. H. Mayo. 1,459,596; June 19.
Paper-roll-reloading device. O. L. Raabe. 1,468,077; Sept. 18.
Paper rolls, etc., Machine for applying labels to. P. D. Parsons. 1,477,893; Dec. 18.
Paper rolls, Sleeve adapted to serve as core for. K. F. L. Norström. 1,459,241; June 19.
Paper-ruling mechanism. A. Broadmeyer. 1,468,798; Sept. 25.
Paper, Safety. R. Ruzicka. Des. 62,538; June 19.
Paper, Safety tint. D. E. Woodhull. 1,457,805; June 5.
Paper, Salt drier for drying. J. W. Vedder. 1,453,645; May 1.
Paper seal. P. T. Jackson. 1,446,094; Feb. 20.
Paper sheet and making the same. W. D. Edmonds. 1,402,056; Jan. 16.
Paper-sheet-feeding machine. F. R. Hartman. 1,460,376; July 3.
Paper, Sheet of wrapping. A. F. Welle. Des. 63,247; Nov. 6.
Paper sheets, Blasting. G. S. Clark. 1,464,865; Aug. 14.
Paper shot shell. J. S. Gravely. 1,452,040; Apr. 17.
Paper Sizing. J. A. De Cew. 1,444,956; Feb. 13.
Paper slips, Device for feeding. J. E. Bartlett. 1,446,285; Feb. 20.
Paper-sorting table. J. H. Reedy. 1,467,652; Sept. 11.
Paper spoons and other flat paper utensils, Apparatus for making. G. P. Mallory. Re. 15,517; Jan. 2.
Paper stock, Beater for. R. S. Clark. 1,446,154; Feb. 20.
Paper stock, Mechanism for the recovery of. B. M. Baxter. 1,451,522; Apr. 10.
Paper stock, Method of and apparatus for working. A. J. Haug. 1,443,410; Jan. 30.
Paper stock, Treating. F. P. Miller. 1,455,594; May 15.
Paper strip, Reenforced. C. H. Howard. 1,460,356; June 26.
Paper tester. C. F. Sammet. 1,447,185; Mar. 6.
Paper-testing machine. J. W. Webb. 1,451,932; Apr. 17.
Paper-treating machine. L. Gentile. 1,454,376; May 8.
Paper-treating machine. L. P. Winchenbaugh and L. Gentile. 1,454,362; May 8.
Paper trimmer. E. W. Beeler. 1,476,234; Dec. 4.
Paper-trimming machine. C. Seybold and W. L. Vallquette. 1,469,733; Oct. 2.
Paper-trimming machines, Safety device of power-operated. C. H. Hornbeck. 1,465,439; Aug. 21.
Paper tube and making same, Externally-finished. J. D. Lane. 1,442,955; Jan. 23.
Paper tubes, Machine for making. R. L. Bowman and G. R. Penn. 1,464,968; Aug. 14.
Paper tubes, Machine for making. G. H. Womelsdorf. 1,441,260; Jan. 9.
Paper, Wall. W. A. Lorenz. 1,461,397; July 10.
Paper waxing and sizing composition. F. L. Pullen. 1,452,389; Apr. 17.
Papering device, Wall-. S. Pytlak. 1,461,453; July 10.
Papering machine, Wall. J. V. Pizzino. 1,472,735; Oct. 30.
Papers, Apparatus for and method of producing colored nature. T. M. Atkinson. 1,475,923; Nov. 27.

Papers, etc., Device for clamping and holding. F. A. Cellarius. 1,476,951; Dec. 11.
Papeterie, Folding. B. E. McSheehy. 1,460,426; July 3.
Parachute. E. R. Calthrop. 1,466,988; Sept. 4.
Parachute. H. E. S. Holt. 1,443,745; Jan. 30.
Parachute. E. Rogers. 1,478,677; Dec. 25.
Parachute. F. Waschek. 1,444,017; Feb. 6.
Parachute apparatus. H. E. S. Holt. 1,470,610; Oct. 16.
Parachute control. A. A. Barton. 1,477,163; Dec. 11.
Parachute pack and harness, etc. F. Smith. 1,462,456; July 17.
Parachutes, Packing case for. F. J. Coughlin. 1,444,369; Feb. 6.
Paraffin and highly-viscous lubricating oils from bituminous masses. E. Erdmann. 1,443,983; Feb. 6.
Paraffin in oil wells, Method of and apparatus for liquefying. J. A. McIntyre. 1,443,028; Jan. 23.
Parallelometer. A. J. Fortunati. 1,447,774; Mar. 6.
Parcel box. F. P. De Nobili. 1,443,313; Jan. 23.
Parcel carrier. C. P. Atkins. 1,471,817; Oct. 23.
Parchment board and making the same, Imitation. R. Beardsley. 1,471,021; Oct. 16.
Parer and slicer, Vegetable. A. Groundman. 1,440,675; Jan. 2.
Paring machine. B. C. Coons. 1,445,997; Feb. 20.
Paring machine. J. F. Kohler. 1,445,144–7; Feb. 13.
Parking light. F. B. Leech and E. W. Titus. 1,447,589; Mar. 6.
Parking light. W. H. Pearson. 1,475,507; Nov. 27.
Partition. J. E. Brady. 1,463,246; July 31.
Partition. J. Schurman. 1,443,549; Jan. 30.
Partition, Sectional. E. W. Reaugh. 1,450,733; Apr. 3.
Partition support and surge place. A. A. Kramer. 1,462,347.
Paste, Adhesive. B. L. Pickard. 1,463,403; July 31.
Paste composition. C. Fuer. 1,473,181; Nov. 6.
Paste die. S. Tofanelli. 1,441,642; Jan. 9.
Paste-tube cap. W. W. Carpenter. 1,470,686; Oct. 16.
Pasting and cutting machine. J. Oppman. 1,465,861; Aug. 21.
Pasting machine. A. B. Skeppstedt and E. Haddon. 1,458,447; June 12.
Pasting machine, Color-chip-. C. E. Sharp. 1,460,865; July 3.
Pasteboard box. H. Schwenneke. 1,450,334; Apr. 3.
Pasteboard boxes, Wrapping mechanism for. G. J. Thust. 1,463,639; July 31.
Pasteboard, sheet metal, and the like, Rolling mill for manufacturing corrugated. A. Beran. 1,450,351; Apr. 3.
Pasteurizer, Milk and cream. C. J. Westergaard. 1,451,132; Apr. 10.
Pasteurizer, Motor-driven. M. Goldberger. 1,464,704; Aug. 14.
Pasteurizing device. R. O. Stearns and D. E. McGraw. 1,468,420; Sept. 18.
Pastry shell. E. Franco. Des. 63,075; Oct. 2.
Pastry shells, Machine for making. O. Hauge and W. A. England. 1,448,294; Mar. 13.
Patch. W. G. Handly. 1,458,053; June 5.
Patch and making same. H. A. Morton and M. M. Harrison. 1,478,576; Dec. 25.
Patch, Blow-out. R. H. Berkley. 1,444,579; Feb. 6.
Pattern and guide strip. S. H. Calkins. 1,451,491; Apr. 10.
Pattern-grading machine. F. W. Potter. 1,473,738; Nov. 13.
Patterns. Cutting guide for dressmaker's. P. C. Sieger. 1,443,151; Jan. 23.
Patterns, Dowel pin and cup for mounting. S. B. Phelps. 1,471,978; Oct. 23.
Patterns or ornamental effects upon fabrics, Production of. W. Warr. 1,445,734; Feb. 20.
Paved structure. H. L. Hadley. 1,441,342; Jan. 9.
Pavement. P. H. Farrell. 1,467,783; Sept. 11.
Pavement. N. De Wind. 1,445,873; Feb. 20.
Pavement and laying same. E. H. Trebes. 1,456,080; May 22.
Pavement light. M. R. Duffy. 1,476,958; Dec. 11.
Paving and process of paving streets, etc. R. C. Stubbs. 1,463,979; Aug. 7.
Paving block. G. L. Dresser. 1,476,957; Dec. 11.
Paving blocks, Grouting composition for. J. F. McCoy. 1,465,448; Aug. 21.
Paving blocks, Spacer for. W. P. Whitney. 1,461,060; July 10.
Paving, Compensating filler for block. R. Lamb. 1,452,120; Apr. 17.
Paving material. W. T. Headley. 1,472,393; Oct. 30.
Paving mixtures, Testing bituminous. F. S. Besson. 1,457,015; May 29.
Pawl and ratchet jack. J. H. Burkholder. 1,459,194; June 19.
Pawl-and-ratchet mechanism, Means for controlling the operation of. A. G. French. 1,465,258; Aug. 21.
Pawl-and-ratchet power appliance. P. MacKenzie. 1,454,398; May 8.
Pea cleaner. A. Jacobsen. 1,455,208; May 15.
Peanut butter and making same. H. C. Schad. 1,476,649; Dec. 4.
Peanut butter and manufacturing same. J. L. Rosenfield. 1,445,174; Feb. 13.
Peanut-butter distributor. L. R. Cleve. 1,446,639; Feb. 27.
Peanut picker. T. I. Phelps. 1,462,123; July 17.
Peanuts and the like, Machine for removing the skins from. A. E. Hall. 1,478,431; Dec. 25.
Peanuts, Packing and preservation of. A. W. MacIlwaine. 1,475,842; Nov. 27.
Pea-hulling machine. A. Heuckendorff. 1,455,202; May 15.
Pear-peeling apparatus. C. E. Forry. 1,467,616; Sept. 11.
Pearls, Manufacture of artificial. L. Bonnet. 1,466,575; Aug. 28.
Peat and other granular material hydraulically, Preparing and transporting. A. McDougall. 1,466,884; Sept. 4.
Peat, Dry distilling and carbonizing crude. O. Pohl. 1,473,641; Nov. 13.
Peat-fuel machine. A. McDougall. 1,476,407; Dec. 4.
Peat machine. F. T. Dow. 1,459,907; June 26.
Peat, Preparing. J. C. Morrison. 1,450,107; Mar. 27.
Pecan butter, Making. E. D. Friedsam and S. G. Long. 1,447,018; Feb. 27.
Pedal, Adjustable. B. J. and B. A. Miller. 1,465,524; Aug. 21.
Pedal extension. J. Reichert. 1,445,355; Feb. 13.
Pedal-extension attachment. L. A. Mead. 1,476,094; Dec. 4.
Pedal lock. G. E. Custer. 1,463,676; July 31.
Pedal lock. T. J. Pate. 1,475,863; Nov. 27.
Pedal pad. B. De Mattia. 1,474,320; Nov. 13.
Pedals, Attachment for foot. W. Grund and R. L. Gardineer. 1,449,990; Mar. 27.
Pedestal. L. Dostal. 1,453,239; Apr. 24.
Pedestal. L. Zunino. Des. 62,558; June 19.
Pedestal. L. Zunino. Des. 62,810; July 31.
Pedicycles, Propelling means in. R. D'Antonio. 1,477,544; Dec. 18.
Peeling machine. H. M. Miller. 1,466,799; Sept. 4.
Peeling machine. C. F. Smith. 1,457,007; May 29.
Peeling and washing machine, Potato. S. Roylance. 1,476,221; Dec. 4.
Peeling vegetables or fruits, Apparatus for and method of. H. M. Miller. 1,466,798; Sept. 4.
Peg, Tethering. O. W. J. Chester. 1,465,806; Aug. 21.
Pelt or skin debairing machine. P. C. Donner. 1,470,714; Oct. 16.
Pen. R. J. Estes. 1,447,066; Feb. 27.
Pen. J. J. McComish. 1,442,959; Jan. 23.
Pen. A. Winter. 1,450,398; Apr. 3.
Pen and blade holder, Combined. P. R. Jorgensen. 1,444,155; Feb. 6.
Pen and pencil, Combined. J. M. Miller. 1,468,123; Sept. 18.
Pen and pencil holder. T. C. Sawyier. 1,459,517; June 19.
Pen, Animal. H. J. Ferris. 1,441,724; Jan. 9.
Pen, Animal. H. J. Ferris. 1,445,307; Feb. 13.
Pen attachment. W. A. Hartline. 1,443,623; Jan. 30.
Pen attachment, Fountain. J. M. Beadles. 1,476,582; Dec. 4.
Pen, Check-writing fountain. M. M. Lang. 1,462,864; July 24.
Pen cleaner. J. May. 1,468,122; Sept. 18.
Pen, Drawing. C. W. Thomas. 1,452,576; Apr. 24.
Pen feeder, Fountain-. H. F. Austin. 1,451,314; Apr. 10.
Pen filler, Fountain-. P. S. Hauton. 1,455,611; May 15.
Pen, Fountain. W. H. Averill. 1,472,576; Oct. 30.
Pen, Fountain. L. Badois. 1,457,765; June 5.
Pen, Fountain. C. P. Crawford. 1,447,281; Mar. 6.
Pen, Fountain. J. Dutchak. 1,469,921; Oct. 9.
Pen, Fountain. D. L. Eastman. 1,455,590; May 15.
Pen, Fountain. L. G. Gaarder and N. C. Enger. 1,478,332; Dec. 18.
Pen, Fountain. V. Gartner. 1,461,823; July 17.
Pen, Fountain. D. A. Glushak. 1,460,481; July 3.
Pen, Fountain. E. E. Kratz. 1,448,452; Mar. 13.
Pen, Fountain. R. S. McKay. 1,445,900; Feb. 20.
Pen, Fountain. R. J. McVicker. 1,453,152; Apr. 24.
Pen, Fountain. O. Mitchell. 1,453,596; May 1.
Pen, Fountain. P. Narayan. 1,474,611; Nov. 20.
Pen, Fountain. A. E. Poole and G. B. Vernier, jr. 1,452,653; Apr. 24.
Pen, Fountain. F. Regero. 1,464,218; Aug. 7.
Pen, Fountain. T. E. Rudderham. 1,476,107; Dec. 4.
Pen, Fountain. M. J. Senz. 1,449,130; Mar. 20.
Pen, Fountain. H. Shick. 1,444,141; Feb. 6.
Pen, Fountain. L. Taddeo. 1,461,838; July 17.
Pen, Fountain. I. D. Tefft. 1,446,524; Feb. 27.
Pen, Fountain. W. Uhl. 1,470,405; Oct. 9.
Pen, Fountain. C. W. Williamson. 1,449,799; Mar. 27.
Pen, Fountain. A. Winter. 1,443,515; Jan. 30.
Pen, Fountain. E. D. Wintersteen. 1,478,157; Dec. 18.
Pen, Fox. H. T. Holman. 1,462,107; July 17.
Penholder. F. L. Bowman. 1,441,779; Jan. 9.
Penholder. J. J. Gillis. 1,453,667; May 1.
Penholder and safety collar, Combination. J. Černý. Des. 63,553; Dec. 18.
Pen, Lettering. E. E. Evans. 1,465,845; Aug. 21.
Pen, Lever-filler fountain. W. P. De Witt. 1,472,963; Nov. 6.

Pen or pencil attachment. F. De Luca. 1,456,786; May 29.
Pen or pencil case. F. J. Kristofek. Des. 62,221; Apr. 17.
Pen or pencil case. F. J. Kristofek. Des. 62,613–15; July 3.
Pen-positioning device. J. L. Turner. 1,448,548; Mar. 13.
Pen, Positive-flow fountain. O. Stromborg. 1,447,495; Mar. 6.
Pen reservoir, Fountain-. J. E. Laffin. 1,449,234; Mar. 20.
Pen, Ruling. E. Lawrenz. 1,463,285; July 31.
Pen, Self-filling. H. Lewison. 1,460,386; July 3.
Pen, Self-filling fountain. D. Klein. 1,475,954; Dec. 4.
Pen, Self-filling fountain. N. Nielson. 1,478,577; Dec. 25.
Pen, Self-filling fountain. S. E. Peters. 1,459,073; June 19.
Pen spring safety clip, Fountain-. G. P. Jallier. 1,451,261; Apr. 10.
Pen, Stylographic fountain. N. H. Coates. 1,457,875; June 5.
Penwiper. B. Engle and A. Tweel. 1,442,867; Jan. 23.
Pens, Attachment for fountain. E. Leeser. 1,469,092; Sept. 25.
Pens, Clip for fountain. D. Klein. 1,468,025; Sept. 18.
Pens, Filling device with rubber cap for fountain. T. Kovàcs. 1,447,790; Mar. 6.
Pens, Lever for self-filler fountain. D. Klein. 1,475,953; Dec. 4.
Pens, pencils, and the like, Clip for. G. W. Gilman, jr. 1,468,562; Sept. 18.
Pens, pencils, and the like in the pockets of garments, Means for retaining. W. Livsey. 1,450,162; Mar. 27.
Pencil. G. B. Bergen. 1,467,282; Sept. 4.
Pencil. O. C. Billman. 1,461,437; July 10.
Pencil. J. Bricken. 1,478,018; Dec. 18.
Pencil. J. Bricken. Des. 62,878; Aug. 21.
Pencil. W. P. De Witt. 1,472,962; Nov. 6.
Pencil. L. W. Faber and W. Robinson. 1,474,519; Nov. 20.
Pencil. W. J. Flick. 1,446,893; Feb. 27.
Pencil. H. L. Fischer. 1,472,969–70; Nov. 6.
Pencil. J. R. Fitton. 1,450,436; Apr. 3.
Pencil. B. Goldstein. Des. 62,720; July 24.
Pencil. C. R. Keeran. 1,441,000; Jan. 2.
Pencil. C. R. Keeran. 1,474,595; Nov. 20.
Pencil. J. F. Lindberg. 1,447,677–8; Mar. 6.
Pencil. J. Moore. 1,442,817; Jan. 23.
Pencil. J. Moore. 1,450,005; Mar. 27.
Pencil. W. R. Noe. 1,455,170; May 15.
Pencil. E. O'Brien and M. G. Vierling. 1,447,397; Mar. 6.
Pencil. J. E. Roach. 1,464,853; Aug. 14.
Pencil. C. Sonneborn. 1,445,856; Feb. 20.
Pencil. W. C. Steffan, F. B. Ackermann, and W. J. Greiner. Des. 62,224; Apr. 17.
Pencil. C. Stehl. Des. 62,198; Apr. 10.
Pencil. J. Wallace. 1,443,399; Jan. 30.
Pencil. H. H. Welch. 1,457,011; May 29.
Pencil. P. W. Werner. 1,451,193; Apr. 10.
Pencil-clip device. W. H. Burnett. 1,466,203; Aug. 28.
Pencil clip, Mechanical. J. C. Wahl. 1,465,957; Aug. 28.
Pencil-display holder. F. H. Beck. Des. 62,269; May 1.
Pencil holder. B. J. Blaskie and H. E. Bleier. 1,478,170; Dec. 18.
Pencil holder. J. E. Elmer. 1,464,066; Aug. 7.
Pencil holder. H. E. Mathews. 1,466,057; Aug. 28.
Pencil holder. H. E. T. Sühlsen. 1,447,635; Mar. 6.
Pencil holder and rake knife. T. J. McGinnis. 1,441,103; Jan. 2.
Pencil holder and sharpener. E. Fisher. 1,447,841; Mar. 6.
Pencil holder, Pocket. D. F. Curtin. 1,470,816; Oct. 16.
Pencil-holding clip. T. E. Marchand. 1,462,714; July 24.
Pencil-illuminating device. H. Stecher. 1,450,991; Apr. 10.
Pencil, Lead. W. F. Haack. 1,469,786–7; Oct. 9.
Pencil, Lead. A. Pollak. 1,441,600; Jan. 9.
Pencil, Lead. A. Pollak. 1,454,136; May 8.
Pencil-lead holder. W. N. O'Rourke. 1,442,964; Jan. 23.
Pencil-lead sharpener. C. Sonneborn. 1,477,192; Dec. 11.
Pencil, Magazine. J. C. Wahl. 1,473,412; Nov. 6.
Pencil-point protector. L. Ginsberg. 1,470,724; Oct. 16.
Pencil, Propel. W. M. Saunders. 1,477,905–6; Dec. 18.
Pencil, Self-filling lead. J. B. Dobschutz. 1,463,878; Aug. 7.
Pencil sharpener and guard, Combined. F. Williams. 1,452,013; Apr. 17.
Pencil sharpener and holder, Combined. W. T. Boice. 1,474,885; Nov. 20.
Pencil, Stylographic ink. H. A. Schmidt. 1,447,632; Mar. 6.
Pencil with adjustable lead. W. P. De Witt. 1,463,803; Aug. 7.
Pencil with displaceable graphite core. G. Meier. 1,444,978; Feb. 13.
Pencils and the like, Card for. L. W. Faber. 1,446,741; Feb. 27.
Pencils, Erasing attachment for. G. E. Ferry. 1,473,090; Nov. 6.
Pendant-cord switch. B. March. 1,475,128; Nov. 20.
Pendant, Luminous. W. F. Arzinger. 1,460,694; July 3.
Pendant, Luminous. W. H. Dey. 1,465,759; Aug. 21.
Pendant, Luminous pull-chain. H. N. Alter. 1,444,296; Feb. 6.
Pendant, Weighted. T. H. Morrison. 1,448,811; Mar. 20.
Pendulet. G. Ainsworth. Des. 63,250; Nov. 13.
Pendulet. G. E. McFadden. Des. 63,262; Nov. 13.
Pendulet. J. W. Schulze. Des. 62,250; Apr. 24.
Pendulum mechanism. W. Emery. 1,454,047; May 8.
Pendulum, Oscillating. E. Volkers. 1,445,365; Feb. 13.
Pennant. W. M. Pope. Des. 62,092; Mar. 13.
Pepper and salt shaker. H. Hackenburg. 1,449,670; Mar. 27.
Percolator. D. Acquaviva. 1,469,139; Sept. 25.
Percolator. N. O. Duncan. 1,476,959; Dec. 11.
Percolator. J. Koenig and W. H. Ellis. 1,459,289; June 19.
Percolator. E. G. Rowley. 1,452,256; Apr. 17.
Percolator. M. L. Warner. 1,475,334; Nov. 27.
Percolator and electric heating attachment for the same. A. Ward. 1,472,704; Oct. 30.
Percolator and the like, Coffee. G. Ussorio. 1,445,052; Feb. 13.
Percolator, Automatic. V. C. Kreutz. 1,470,584; Oct. 9.
Percolator, Electric. O. A. Colby. 1,448,389; Mar. 13.
Percolator, Electric. F. Thornton, jr. 1,451,556; Apr. 10.
Percolator, Electric coffee. F. F. Forshee. 1,477,340; Dec. 11.
Percolator-handle protector. M. H. Geartts. 1,471,257; Oct. 16.
Percolator, teapot, or similar article, Coffee. A. H. Sander. Des. 62,416; May 22.
Percussion apparatus. J. W. Van Meter. 1,444,815; Feb. 13.
Percussion drill and the like. B. A. Mitchell. 1,459,848; June 26.
Percussion tools, Protector for. T. J. Rowan. 1,441,117; Jan. 2.
Percussive tool. H. H. Mercer. 1,466,066; Aug. 28.
Percussive tools, Independent rotation for. C. C. Hansen. 1,451,362; Apr. 10.
Perforating. B. T. Leveque. 1,478,441; Dec. 25.
Perforating device, Electric. P. A. Raiche. 1,474,912; Nov. 20.
Perforating machine. A. L. Day. 1,443,312; Jan. 23.
Perforating machine. L. J. Van Guelpen. 1,478,150; Dec. 18.
Perforating-machine gauge. G. Knight. 1,448,751; Mar. 20.
Perforating, Process of and machine for. F. M. Furber. 1,475,181; Nov. 27.
Perforating, Process of and machine for. P. R. Glass. 1,448,210; Mar. 13.
Perforations, Finishing the edges of. J. A. Brogan. 1,450,244; Apr. 3.
Perforator, Hand. H. Swanson. 1,476,272–3; Dec. 4.
Perfume container. F. G. Manners. Des. 61,917; Feb. 6.
Perfume container. C. L. Marcus. Des. 63,000; Sept. 4.
Periscope, Automobile. L. Hallengren. 1,478,650; Dec. 25.
Periscopic system. L. Bell and C. A. R. Lundin. 1,445,284; Feb. 13.
Permanent way. M. Matthaei. 1,457,539; June 5.
Permeameter furnace. G. A. Kelsall. 1,457,438; June 5.
Permutation door lock. P. Giba. 1,465,262; Aug. 21.
Permutation lock. J. O. Wilson. 1,456,957; May 29.
Permutation switch. R. Frederick. 1,451,569; Apr. 10.
Permutation switch. L. P. Hymel. 1,469,651; Oct. 2.
Petals, Producing artificial flower. E. W. Bell. 1,458,513; June 12.
Petroleum and other hydrocarbons, Apparatus for treating. C. P. Dubbs. 1,440,772; Jan. 2.
Petroleum and petroleum distillates, Desulphurizing. A. E. Dunstan and F. B. Thole. 1,457,656; June 5.
Petroleum, Apparatus to distill crude. C. B. Forward. 1,442,935; Jan. 23.
Petroleum, Apparatus for treating fresh. H. P. Porter. 1,471,705; Oct. 23.
Petroleum-distillation process. V. T. Gilchrist. 1,455,437; May 15.
Petroleum, Distilling and cracking. J. L. Gray. 1,474,147; Nov. 13.
Petroleum emulsion, Treating. W. S. Barnickel. 1,467,831; Sept. 11.
Petroleum emulsions by osmosis, Process of and apparatus for dehydrating. W. Meredith. 1,440,835; Jan. 2.
Petroleum emulsions, Rotating electrode closed treater for. H. C. Eddy. 1,466,208; Aug. 28.
Petroleum products, Method of and apparatus for cracking. C. Kroll. 1,448,128; Mar. 13.
Petroleum-refining apparatus. C. B. Watson. 1,474,395; Nov. 20.
Petroleum, Treating. D. W. Hoge. 1,474,475; Nov. 20.
Petroleum, Treating. L. C. Read. 1,445,040; Feb. 13.
Petroleum treating apparatus. J. W. Lewis. 1,472,075; Oct. 30.
Petroleum vapor, Treating. D. W. Hoge. 1,474,476; Nov. 20.
Pharmaceutical preparation. C. G. Wolfe. 1,463,539; July 31.
Pharmaceutical product. R. Berendes and F. Lange. 1,454,372; May 8.
Pharmaceutical product. J. Callsen. 1,477,691; Dec. 18.

Alphabetical list of inventions—Continued.

Pharmaceutical product. E. Starkenstein. 1,459,347; June 19.
Pharmaceutical products. W. Schoeller. 1,457,675; June 5.
Phase balancer. C. L. Fortescue. 1,466,277; Aug. 28.
Phase converters, Exciting system for. R. E. Hellmund. Re15,623; June 12.
Phenol, Making. P. Cottringer. 1,466,991; Sept. 4.
Phenolic condensation product. W. O. Snelling. 1,462,771; July 24.
Phenyl glycerine compounds, Manufacture of. M. Wyler. 1,467,598; Sept. 11.
Phenyl glycine, Making. C. J. Strosacker. 1,442,743; Jan. 16.
Phone index and guide. W. H. Walker. 1,476,743; Dec. 11.
Phonograph. P. H. Behrens. 1,446,539; Feb. 27.
Phonograph. J. F. Bergander. 1,451,358; Apr. 10.
Phonograph. J. W. Bishop. 1,473,004–5; Nov. 6.
Phonograph. G. B. Burch. 1,454,504; May 8.
Phonograph. H. O. Crippen. 1,468,138; Sept. 18.
Phonograph. C. De Vere. 1,477,944; Dec. 18.
Phonograph. B. H. Dietz and A. E. Hansen. 1,463,311; July 31.
Phonograph. E. Fletcher. 1,446,006; Feb. 20.
Phonograph. W. A. Fricke. 1,460,579; July 3.
Phonograph. C. J. Hofmann. 1,455,913; May 22.
Phonograph. I. Karish and J. Kernes. 1,455,209; May 15.
Phonograph. W. V. Meyer. 1,462,867; July 24.
Phonograph. W. H. Miller. 1,444,477; Feb. 6.
Phonograph. R. W. Morrison. 1,457,313; June 5.
Phonograph. G. M. Rentz. 1,456,039; May 22.
Phonograph. H. Rothkirch. 1,458,596; June 12.
Phonograph. G. Seiffert. 1,477,775; Dec. 18.
Phonograph. H. N. Stroh. 1,465,880; Aug. 21.
Phonograph. E. J. Tomlinson. 1,467,210; Sept. 4.
Phonograph. E. J. Tomlinson. 1,473,363; Nov. 6.
Phonograph. G. C. Trotter. 1,470,303; Oct. 9.
Phonograph. F. S. Valladao. 1,441,188; Jan. 2.
Phonograph. W. M. Venable. 1,461,334; July 10.
Phonograph. C. E. Woods. 1,471,436; Oct. 23.
Phonograph and advertising cabinet, Combined. W. C. Hunt. Des. 62,993; Sept. 4.
Phonograph and moving-picture cabinet, Combined. J. A. Perrault and W. A. Hitchcock. Des. 62,340; May 8.
Phonograph-amplifier mounting. V. Minnelli. 1,456,903; May 29.
Phonograph and sound-character-exhibiting device, Combined. E. A. Widmann and F. D. Lewis. 1,459,426; June 19.
Phonograph, Automatic. C. D. Infante. 1,465,909; Aug. 21.
Phonograph, Automatic. H. F. Spengler. 1,444,089; Feb. 6.
Phonograph, Automatic. J. E. Stout. 1,449,252; Mar. 20.
Phonograph, Automatic multiple-record. W. H. Daily. 1,466,791; Sept. 4.
Phonograph automatic stop. R. R. Foute. 1,449,662; Mar. 27.
Phonograph cabinet. R. C. Aimone. Des. 63,386–7; Dec. 4.
Phonograph cabinet. O. J. Haarlander. Des. 61,770; Jan. 9.
Phonograph cabinet. O. J. Haarlander. Des. 62,505–6; June 12.
Phonograph, Cabinet. S. W. Hecox. 1,444,788; Feb. 13.
Phonograph cabinet. C. Hine. Des. 61,930; Feb. 13.
Phonograph cabinet. P. Iribe. 1,453,464; May 1.
Phonograph cabinet. N. Krasner. Des. 63,187; Oct. 30.
Phonograph cabinet. S. Roth and C. F. Romadka. Des. 63,197; Oct. 30.
Phonograph cabinet. W. A. Sommerhof. 1,459,000; June 19.
Phonograph cabinet. J. B. Weeks. 1,452,132; Apr. 17.
Phonograph cabinet. E. W. Winslow. 1,453,329; May 1.
Phonograph cabinet. J. Wolff. Des. 63,546; Dec. 11.
Phonograph cabinet. H. A. Yerkes. Des. 63,095–6; Oct. 2.
Phonograph cabinet and chair, Combination. L. C. Hirt. 1,477,828; Dec. 18.
Phonograph cabinet and table. E. J. Collinson and A. Hodgins. 1,443,730; Jan. 30.
Phonograph-cabinet grille. J. O. Miller. Des. 62,194; Apr. 10.
Phonograph-cabinet shutter. J. C. Miller. 1,475,237; Nov. 27.
Phonograph diaphragm. E. F. Mattausch. 1,465,019; Aug. 14.
Phonograph diaphragm and sound box. C. C. Broskie. 1,453,336; May 1.
Phonograph driving mechanism. C. W. Howe. 1,449,407; Mar. 27.
Phonograph-driving mechanism, Electrical. W. W. Dean. 1,469,780; Oct. 9.
Phonograph horn, etc. H. C. Egerton. 1,475,623; Nov. 27.
Phonograph, Magazine. L. J. Thon. 1,451,282; Apr. 10.
Phonograph meter. E. J. Tomlinson. 1,442,370; Jan. 16.
Phonograph motor. L. D. Nadel. 1,446,201; Feb. 20.
Phonograph motor. E. J. Tomlinson. 1,454,195; May 8.
Phonograph motors, Gear train for. G. T. Cherington. 1,454,625; May 8.
Phonograph, Multiple-record-magazine. J. H. Dickinson. 1,448,733; Mar. 20.
Phonograph or the like. L. S. Kurtzmann. 1,447,215; Mar. 6.
Phonograph, Portable. J. L. Lind. 1,454,389; May 8.
Phonograph record. W. C. Hadley. 1,456,434; May 22.
Phonograph record. J. J. Reinhold. 1,471,862; Oct. 23.
Phonograph record. W. H. Rose. 1,455,886; May 22.
Phonograph record and producing same, Laminated. V. H. Emerson. 1,469,781; Oct. 9.
Phonograph record and record blank and making the same. W. M. Venable. 1,455,129; May 15.
Phonograph-record blanks and making the same, Material for. J. P. Elliott. 1,450,739; Apr. 3.
Phonograph-record cabinet. H. E. Meares. 1,445,340; Feb. 13.
Phonograph-record cabinet. W. J. Tresnak. 1,449,922; Mar. 27.
Phonograph-record cleaner and clarifier. J. O'Donnell, jr. 1,459,549; June 19.
Phonograph-record-filing cabinet. C. N. Cahusac. 1,477,626; Dec. 18.
Phonograph-record holder. W. Jones. 1,440,737; Jan. 2.
Phonograph-record material. W. T. Forse, F. W. Jones, jr., and G. Walters. 1,468,608; Sept. 18.
Phonograph-record matrix and method and apparatus for producing same. J. T. Daniels. 1,475,937; Dec. 4.
Phonograph recorder. N. H. Holland. 1,465,764; Aug. 21.
Phonograph recorder. F. P. McIntosh. 1,470,633; Oct. 16.
Phonograph, Recording. R. Hase. 1,450,439; Apr. 3.
Phonograph records, Identification clip for. R. Austin. 1,471,716; Oct. 23.
Phonograph records, Making master. W. H. Cole. 1,448,792; Mar. 20.
Phonograph records, Method of and apparatus for making. G. Allegretti. 1,462,729; July 24.
Phonograph records, Process and apparatus for making. F. G. Christenson. 1,442,856; Jan. 23.
Phonograph records, Producing. V. H. Emerson. 1,452,872; Apr. 24.
Phonograph records, Protector for. V. H. Emerson. 1,468,879; Sept. 25.
Phonograph records, Seal for. E. C. Munson. 1,449,433; Mar. 27.
Phonograph repeating device. J. A. Eitutis. 1,457,428; June 5.
Phonograph repeating mechanism. K. E. Yungstrom. 1,453,966; May 1.
Phonograph reproducer. A. K. Miller. 1,448,933; Mar. 20.
Phonograph reproducer. A. B. Rehn. 1,452,094; Apr. 17.
Phonograph reproducer. A. W. Schreiner. 1,459,605; June 19.
Phonograph - reproducer diaphragm. C. Whitefield. 1,462,839; July 24.
Phonograph reproducers, Stylus for. J. A. Brown. 1,454,951; May 15.
Phonograph sound box. W. M. Venable. 1,455,942; May 22.
Phonograph sound boxes, Stylus and adapter for. L. A. Wellington. 1,443,298; Jan. 23.
Phonograph speed regulator. M. Victorsohn. 1,477,399; Dec. 11.
Phonograph stop mechanism. W. W. Dean. 1,471,146; Oct. 16.
Phonograph stop, Nonset. L. S. Hopkins. 1,467,793; Sept. 11.
Phonograph stop, Nonset automatic. L. S. Hopkins. 1,467,794; Sept. 11.
Phonograph stylus. T. Parsons. 1,453,637; May 1.
Phonograph, Time-announcing. A. Vasselli. 1,472,859; Nov. 6.
Phonograph tone-arm extension and reproducer mounting. T. E. Davidson. 1,478,700; Dec. 25.
Phonograph tone chamber. A. Schonhorst. 1,445,915; Feb. 20.
Phonograph-tone rectifier and amplifier. C. A. Tremain. 1,457,678; June 5.
Phonograph turntable. J. J. Reinhold. 1,455,355; May 15.
Phonographic apparatus. H. P. Clausen. 1,452,361; Apr. 17.
Phonographic-disk-record cabinet. E. H. Hand. 1,446,700; Feb. 27.
Phonographic doll. S. Haskell. 1,451,022; Apr. 10.
Phonographic-record file. E. C. Briggs. 1,455,565; May 15.
Phonographic recording and reproducing system. H. C. Egerton. 1,454,157; May 8.
Phonographic records, Making. E. W. Jones and E. R. Harris. 1,461,849; July 17.
Phonographic sound box. W. Scott. 1,448,090; Mar. 13.
Phonographic stylus. R. C. Wade. 1,478,192; Dec. 18.
Phonographs, Alarm-clock release for. L. Crane. 1,474,240; Nov. 13.
Phonographs and like machines, Needle dispenser for. H. T. Schiff. 1,446,992; Feb. 27.
Phonographs and the like, Controlling mechanism for. F. H. Swanson. 1,446,996; Feb. 27.
Phonographs and the like, Stop mechanism for. O. S. Wright. 1,474,501; Nov. 20.

Phonographs, Automatic record-transferring mechanism for. G. A. Behlen. 1,456,614; May 29.
Phonographs, Automatic replay and record shift for. E. E. Brosius. 1,460,940; July 3.
Phonographs, Automatic stop and start for. P. M. Kree and F. Dauteuil. 1,457,036; May 29.
Phonographs, Automatic stop for. G. T. Cherington. 1,468,279; Sept. 18.
Phonographs, Automatic stop for. G. W. Eichelberger, jr. 1,455,326; May 15.
Phonographs, Automatic stop for. M. E. Griswold. 1,460,543; July 3.
Phonographs, Automatic stop for. A. S. Lindholm. 1,460,202; June 26.
Phonographs, Automatic stop for. F. G. Mayer. 1,450,299; Apr. 3.
Phonographs, Automatic stop for. A. Rogati and L. Aronne. 1,445,561; Feb. 13.
Phonographs, Automatic stop for. J. A. Schild. 1,468,170; Sept. 18.
Phonographs, Automatic stop for. G. L. Schuetz. 1,461,050; July 10.
Phonographs, Automatic stop for. G. C. Trotter. 1,460,871; July 3.
Phonographs, Automatic stop for. E. E. Wiford. 1,477,739; Dec. 18.
Phonographs, Automatic-stop mechanism for. E. A. Ruth. 1,473,125; Nov. 6.
Phonographs, Automatic stopping and starting attachment for. F. E. Warth. 1,446,601; Feb. 27.
Phonographs, Automatic stopping attachment for. B. W. Gardner. 1,446,792; Feb. 27.
Phonographs, Circuit breaker for. J. Janes. 1,477,356; Dec. 11.
Phonographs, Combined chair and cabinet for. P. J. Le Gorie. 1,447,216; Mar. 6.
Phonographs, Controlling device for. M. Adair. 1,476,277; Dec. 4.
Phonographs, Damper for sound boxes of. J. M. Logan. 1,444,196; Feb. 6.
Phonographs, Electric winding device for. F. J. Seabolt. 1,440,634; Jan. 2.
Phonographs and the like, Cabinet for. P. Della Torre. 1,476,556; Dec. 4.
Phonographs, Repeating mechanism for. E. F. Andrews and W. B. Sturgis. 1,473,071; Nov. 6.
Phonographs, Safety device for. R. A. Rapkock. 1,466,752; Sept. 4.
Phonographs, Sound box for. D. Berg. 1,471,233; Oct. 16.
Phonographs, Sound box for. H. C. Martin. 1,443,371; Jan. 30.
Phonographs, Speed regulator for. E. W. Ladd. 1,451,663; Apr. 10.
Phonographs, Spring stylus mounting for. J. A. Brown. 1,469,452; Oct. 2.
Phonographs, Stop for. W. R. Duncan. 1,464,977; Aug. 14.
Phonographs, Tone arm for. B. B. Blood. 1,468,224; Sept. 18.
Phonographs, Tone modulator for. W. J. Bauer, F. O. Wierth and A. S. Meadoff. 1,464,729; Aug. 14.
Phonographs, Tone regulator for. H. K. Hess. 1,454,441; May 8.
Phoroptometer, Dynamic. C. E. H. Armbruster. 1,469,412; Oct. 12.
Phosgene, Making. D. B. Bradner. 1,457,493; June 5.
Phosphate, Preparing dry granular calcium acid. C. T. Whittier. 1,442,318; Jan. 16.
Phosphate rock, Treating. E. P. Stevenson. 1,453,571; May 1.
Phosphoric-acid content, Determining free-. J. F. Wilkinson. 1,462,840; July 24.
Phosphorus, Manufacture of. R. Franchot and K. P. McElroy. 1,441,573; Jan. 9.
Phosphorus oxychloride, Production of. R. L. Andreau. 1,462,732; July 24.
Photo-enlarging machine. R. D. Gray. 1,463,689; July 31.
Photo-reproducing apparatus. J. Kalmanovitch. 1,447,388; Mar. 6.
Photograph and making the same. A. Ames, jr. 1,460,122; June 26.
Photograph-display cabinet. H. Roth. 1,451,029; Apr. 10.
Photograph frame. H. Edmonds. 1,441,071; Jan. 2.
Photographs, Plate holder for taking Röntgen. G. Bucky. 1,449,970; Mar. 27.
Photographer's studio appliance. J. W. Anderson. 1,474,809; Nov. 20.
Photographic and other purposes, Arc lamp for. B. J. Hall and C. F. G. Thorkelin. 1,477,057; Dec. 11
Photographic blanks, Producing integral multicolored screens on. I. Kitsee. 1,477,881–2; Dec. 18.
Photographic cartridge. J. G. Jones. 1,454,812–18; May 8.
Photographic dark room. J. S. Greene. 1,451,159; Apr. 10.
Photographic-developing apparatus and method. G. M. Dye. 1,451,065; Apr. 10.
Photographic developing tank. G. F. Framjee. 1,448,396; Mar. 13.
Photographic developing tray. L. Steinberger. 1,444,435; Feb. 6.
Photographic-cut-film holder. W. F. Folmer. 1,469,814; Oct. 9.
Photographic developing equipment, Apron for. J. W. C. Shipment. 1,457,045; May 29.
Photographic development gauge. W. F. Herzberg. 1,469,415; Oct. 2.
Photographic element, Sensitized. J. H. Christensen. 1,447,759; Mar. 6.
Photographic emulsion, Self-toning. E. R. Bullock. 1,454,209; May 8.
Photographic enlargements, Illuminator for making. H. W. Craig. 1,465,626; Aug. 21.
Photographic enlarging apparatus. P. Frankois. 1,465,123; Aug. 14.
Photographic film. W. L. Dodge. 1,454,044; May 8.
Photographic film and compound support. S. J. Carroll. 1,441,142; Jan. 2.
Photographic film and film base, Antistatic. A. F. Sulzer. 1,441,185; Jan. 2.
Photographic film and plate holder. R. C. Matson. 1,463,710; July 31.
Photographic-film cartridge, Spool for. E. E. Kingsbury. 1,469,018; Sept. 25.
Photographic-film-drying apparatus. S. T. Michelsen. 1,456,902; May 29.
Photographic-film holder. H. C. Strieker. 1,457,864; June 5.
Photographic film or print developing apparatus. J. E. Stromberg. 1,440,644; Jan. 2.
Photographic-film-treating apparatus. C. de Moos. 1,467,106; Sept. 4.
Photographic film with a carrier permeable to water. J. E. Brandenberger. 1,450,479; Apr. 3.
Photographic films and apparatus therefor, Treatment of. C. T. Counsell. 1,478,639; Dec. 25.
Photographic films and the like, Spool for. C. E. Byrne and J. S. Murphy. 1,466,157; Aug. 28.
Photographic films, Apparatus for ruling. I. Kitsee. 1,476,206; Dec. 4.
Photographic films, Hardening of. J. H. Christensen. 1,472,048; Oct. 30.
Photographic films in natural colors, Production of. R. Wellesley. 1,441,615; Jan. 9.
Photographic image, Making a colored. L. F. Douglass. 1,450,412; Apr. 3.
Photographic films, Method and apparatus for drying. G. M. Dye. 1,478,385; Dec. 25.
Photographic films, Method and device for handling. G. M. Dye. 1,451,066; Apr. 10.
Photographic negatives, Device employed in finishing and retouching. J. H. Brubaker. 1,466,038; Aug. 28.
Photographic objective. C. Graf. 1,463,132; July 24.
Photographic optical system. W. F. Folmer. 1,454,218; May 8.
Photographic paper holder. N. G. Baker. 1,452,996; Apr. 24.
Photographic-paper receptacle. W. C. Cox. 1,458,166; June 12.
Photographic plate and utilizing the same. A. P. Hantsch. 1,455,724; May 15.
Photographic plates, Developing apparatus for. J. W. Strange. 1,442,416; Jan. 16.
Photographic-printing apparatus. W. R. R. Frye. 1,448,837; Mar. 20.
Photographic-printing apparatus. W. C. Huebner. 1,468,022; Sept. 18.
Photographic-printing device. A. G. Ogden. 1,456,073; May 22.
Photographic-printing device. A. G. Ogden. 1,465,283; Aug. 21.
Photographic-printing device. C. B. Struble. 1,466,768; Sept. 4.
Photographic-printing device. B. Wehrli. 1,471,672; Oct. 23.
Photographic printing device. T. C. Willson. 1,445,987; Feb. 20.
Photograph-printing machine. P. Anderson. 1,476,574; Dec. 4.
Photographic-printing machine. C. H. Owen. 1,440,622; Jan. 2.
Photographic-printing machine. E. Sankey. 1,473,740; Nov. 13.
Photographic-printing machine. M. Welsh. 1,443,403; Jan. 30.
Photographic-printing machines, Apparatus for positioning the printing plates on the plate holders of. W. C. Huebner. 1,452,078; Apr. 17.
Photographic printing machines, Light-controlling device for. W. D. Wood. 1,452,719; Apr. 24.
Photographic-printing press. H. B. Stewart. 1,477,920; Dec. 18.
Photographic prints, Device for straightening. C. H. Rise. 1,452,438; Apr. 17.
Photographic prints, Drier for. W. H. Morgan. 1,457,451; June 5.
Photographic prints, films, and the like, Machine for use in drying or treating. E. Graber. 1,453,554; May 1.
Photographic-print-washing machine. I. Pottruck and N. Shalit. 1,456,514; May 29.
Photographic-print-washing machine. F. C. Sherman. 1,470,586; Oct. 9.

Photographic-projection printing apparatus. W. C. Huebner. 1,452,077; Apr. 17.
Photographic purposes, Production of sensitive films for. J. E. Brandenberger. 1,452,785; Apr. 24.
Photographic reflector. A. T. Jones. 1,447,475; Mar. 6.
Photographic reproduction and method of and apparatus for making the same. J. G. Capstaff. 1,478,599; Dec. 25.
Photographic reversal process. J. G. Capstaff. 1,460,703; July 3.
Photographic screen. M. Ruhland. 1,464,139; Aug. 7.
Photographic shutter. E. F. Kingsbury. 1,458,211; June 12.
Photographic-shutter-operating device. E. E. Underwood. 1,457,563; June 5.
Photographic transfer paper. H. Egashira. 1,450,067; Mar. 27.
Photographic transfer paper and making same. F. W. Kent. 1,474,596; Nov. 20.
Photographic transfer process. F. W. Kent. 1,466,532; Aug. 28.
Photographic washing tank. D. E. Pryde. 1,470,188; Oct. 9.
Photographic work, Recovery of silver used in. L. Weisberg. 1,448,475; Mar. 13.
Photographically reproducing pictures represented on curved surfaces. G. von Lücken. 1,456,954; May 29.
Photographically the deviation of errors, Apparatus for practicing, sighting, and determining. O. Messter. 1,455,067; May 15.
Photographing apparatus. T. A. Willard. 1,467,466; Sept. 11.
Photography and photographic elements, Color. M. C. Hopkins. 1,460,673; July 3.
Photography, Color. J. G. Capstaff. 1,469,811; Oct. 9.
Photography, Color. J. G. Captaff and N. B. Green. 1,444,329; Feb. 6.
Photography, Color motion-picture. F. T. O'Grady. 1,465,053–4; Aug. 14.
Photography, Many-colored screen for. I. Kitsée. 1,449,417; Mar. 27.
Photography, Method and apparatus for producing novel and multiple-image effects in. L. F. Douglass. 1,477,999; Dec. 18.
Photography, Multicolor screen for. I. Kitsee. 1,446,049; Feb. 20.
Photography, Producing multicolored screens for. I. Kitsee. 1,446,050; Feb. 20.
Photography, Three-color. S. M. de Procudine-Gorsky. 1,443,012; Jan. 23.
Photography, Two-color. J. K. Holbrook and M. De Francisco. 1,451,774; Apr. 17.
Photometer. F. E. Ives. 1,457,076; May 29.
Photometric device. C. Pulfrich. 1,460,732; July 3.
Photoprint drier. A. H. Wyatt. 1,463,757; July 31.
Photoprint-washing machine. F. W. Sholes. 1,476,425; Dec. 4.
Photoprinting machines, Presser-back mechanism for. G. M. Dye. 1,463,009; July 24.
Photoprinting mask. G. M. Dye. 1,472,640; Oct. 30.
Phototachymeter, Registering. F. Rived. 1,441,635; Jan. 9.
Phthalic anhydride, Making. H. Sasa. 1,443,094; Jan. 23.
Phthalimids, Producing. H. D. Gibbs. 1,450,678; Apr. 3.
Physical-culture apparatus. W. D. Molby. 1,456,030–1; May 22.
Piano action, Plectrum. G. Casciotta. 1,462,444; July 17.
Piano actions, Hammer and damper springs for. E. E. Buser. 1,473,608; Nov. 13.
Piano, Banjo. J. A. Bochringer. 1,467,087; Sept. 4.
Piano bench and cot combination. O. C. Johnson. 1,441,155; Jan. 2.
Piano bench and music cabinet, Combined. G. H. Merkel. 1,451,996; Apr. 17.
Piano benches and the like, Crate for. H. G. Behrens. 1,444,651; Feb. 6.
Piano cabinet, Overhead. F. Panico. 1,470,243; Oct. 9.
Piano guard. J. J. Schlumbrecht. 1,442,448; Jan. 16.
Piano, Player. W. B. Tunstall. 1,452,174; Apr. 17.
Piano, Player. F. C. White. 1,447,498; Mar. 6.
Piano playing, Means of teaching. I. M. Smith. 1,459,802; June 26.
Piano-playing pneumatic action. H. E. Tower. 1,445,807; Feb. 20.
Piano reroll mechanism, Player-. T. Rotter. 1,478,456; Dec. 25.
Pianos and for other purposes, Pedal device for. B. H. Jefferson and W. I. Kirk. 1,463,166; July 31.
Pianos and the like, Transposer for automatic. R. Head. 1,470,364; Oct. 9.
Pianos, Expression device for player. O. E. Wall. 1,463,234; July 31.
Pianos, Expression device for self-playing. O. A. Ericson. 1,446,116; Feb. 20.
Pianos, Metal sounding board for. F. Frankel. 1,440,667; Jan. 2.
Pianos, Motor for player. W. W. Weiser and G. A. Forsberg. 1,445,983; Feb. 20.
Pianos, Mounting for operating parts of player. E. S. Werolin. 1,443,665; Jan. 30.
Pianos or organs, Tracker board for player. P. H. Bilhuber. 1,459,355; June 19.
Pianos, Pneumatic control device for player. O. E. Wall. 1,463,275; July 31.
Pianos, Pneumatic player action for. P. Oesterreicher. 1,476,459; Dec. 4.
Pianos, Pumping device for player. A. Young. 1,442,507; Jan. 16.
Pianos, Switching mechanism for player. T. Danquard. 1,468,139; Sept. 18.
Pianos, Tremolo for. H. F. Schenuit. 1,459,378; June 19.
Pianofortes and like stringed musical instruments, Bridge for. J. G. Jones. 1,476,014; Dec. 4.
Pick, Grab. C. H. Baisden. 1,478,198; Dec. 18.
Pick-handle protector. J. S. Curzon. 1,466,931; Sept. 4.
Pick or tool handle. D. E. Lilley and G. W. Caulfield. 1,448,488; Mar. 13.
Pick, Pneumatic coal. C. C. Hansen. 1,477,259; Dec. 11.
Picking and rock-drilling machine. A. Berner. 1,477,684; Dec. 18.
Picking table. R. M. Bickley. 1,473,333; Nov. 6.
Picking table. J. P. Vogel. 1,473,365; Nov. 6.
Picker: *See*—

Alligator lug picker.	Loom picker.
Corn picker.	Peanut picker.
Cotton picker.	Stone picker.
Fruit picker.	

Picker block. H. I. Leiby. 1,443,027; Jan. 23.
Picker check. R. Di Cristo. 1,470,821; Oct. 16.
Picker or fiber-cleaning machine. J. E. O'Connell. 1,450,922; Apr. 10.
Picker stick. F. Mossberg. 1,477,584; Dec. 18.
Picker-stick check. N. C. Blake. 1,448,909; Mar. 20.
Picker-stick check. A. Massey and A. Benson. 1,463,128; July 24.
Picker-stick check motion. C. N. Tucker. 1,470,513; Oct. 9.
Picker sticks, Cushion stop for. A. E. Rhoades. 1,451,845; Apr. 17.
Pickles, Apparatus for treating. J. M. Browne. 1,441,481; Jan. 9.
Pickling bath and pickling iron and steel. O. Vogel. 1,460,395; July 3.
Pickling solution, Method and apparatus for reclaiming spent. H. S. Marsh and R. S. Cochran. 1,450,217; Apr. 3.
Pickling solutions, Method and apparatus for recovering spent. H. S. Marsh and R. S. Cochran. 1,450,216; Apr. 3.
Picture. C. W. Saalburg. 1,449,914; Mar. 27.
Picture and pattern behind which a light-reflecting metallic sheet is laid. E. Winter. 1,474,698; Nov. 20.
Picture apparatus, High-speed motion. R. W. Pittman. 1,444,884; Feb. 13.
Picture apparatus, Motion-. E. G. Whitmore. 1,457,012; May 29.
Picture apparatus, Motion-. H. C. Williams. 1,422,101; Apr. 17.
Picture book and puzzle, Combined. E. Buffington. 1,460,700; July 3.
Picture cabinet, Motion-. A. G. Merriman. 1,460,071; June 26.
Picture cabinet, Optical. S. Kucharski. 1,460,590; July 3.
Picture card, Combination film-frame. J. G. Culligan. 1,468,558; Sept. 18.
Picture-card frame. F. Sonn. 1,450,190; Apr. 3.
Picture, Composite. C. W. Saalburg. 1,465,564; Aug. 21.
Picture device, Changeable-. O. M. Whitstock. 1,474,572; Nov. 20.
Picture device, Motion-. G. W. Bingham. 1,462,784; July 24.
Picture devices, Film winding and delivery means for motion-. L. B. Larsen and O. J. Holmes. 1,463,620; July 31.
Picture film for analyzing motion, Method and moving-. C. F. Watson. 1,470,407; Oct. 9.
Picture film, Motion-. C. J. Coberly. 1,455,428; May 15.
Picture film, Motion-. C. J. Coberly. 1,471,592; Oct. 23.
Picture-film-printing apparatus, Motion-. O. B. Depue. 1,474,409; Nov. 20.
Picture-film projector, Moving-. H. E. Harbaugh, C. F. Buquo, and G. F. Spaeth. 1,470,975; Oct. 16.
Picture-film reel, Motion-. J. A. Robertson. 1,469,818; Oct. 9.
Picture-film reels, Alarm for motion-. C. de Rochefort-Lucay. 1,442,690; Jan. 16.
Picture films, Apparatus for direct observation of. C. Léoine. 1,450,555; Apr. 3.
Picture films, Combined camera and projector mechanism for moving-. M. King. 1,469,016; Sept. 25.
Picture frame. T. M. Kemper. Des. 63,081; Oct. 2.
Picture frame, Extensible. A. Zelan. 1,446,367; Feb. 20.
Picture-frame hanger. D. Rencsok. 1,466,561; Aug. 28.
Picture frame, Pennant embodying. C. S. Oda. 1,467,680; Sept. 11.
Picture frames, Picture-retaining device for. C. Mandel. 1,462,419; July 17.
Picture hanger. J. H. Fitz Gerald. 1,475,292; Nov. 27.
Picture hanger. A. J. Maier. 1,455,961; May 22.
Picture hanger. P. G. Underwood. 1,478,461; Dec. 25.
Picture-hanging attachment. J. B. Baker. 1,442,036; Jan. 16.

Picture illusion device. Changing-. H. M. Russell. 1,473,939; Nov. 13.
Picture machine, Motion-. C. A. Clement and A. Bors-Koefoed. 1,477,541; Dec. 18.
Picture machine, Motion-. J. Doherty. 1,455,393; May 15.
Picture machine, Motion-. C. S. Frangos. 1,468,499; Sept. 18.
Picture machine, Motion-. A. C. Macbeth. 1,472,608; Oct. 30.
Picture machine, Motion-. A. C. Roebuck. 1,455,096; May 15.
Picture machine, Motion-. C. E. Wright. 1,447,002; Feb. 27.
Picture machine, Moving-. W. J. Blankenberg. 1,458,911; June 12.
Picture machine, Moving-. E. Peterson. 1,466,750; Sept. 4.
Picture machine, Moving-. D. O. Seaman. 1,450,455; Apr. 3.
Picture machine, Moving-. F. and H. Seufert. 1,457,554; June 5.
Picture machines, Automatic fire shutter for moving-. W. Ellwood. 1,457,510; June 5.
Picture machines, Automatic loop setter for motion-. F. Bonk, jr. 1,472,628; Oct. 30.
Picture machines. Automatic stop for motion-. M. E. Phimister. 1,476,006; Dec. 4.
Picture machines, Coupled light dissolver for motion-. R. N. Fleming. 1,456,544; May 29.
Picture machines. Film guide for motion-. T. F. Uhlemann. 1,455,367; May 15.
Picture machines, Fire-preventing device for motion-. N. Power. 1,467,812; Sept. 11.
Picture machines, Fire protector for moving. J. G. Pettersson. 1,459,551; June 19.
Picture machines, Shutter for motion-. C. A. Gibbs and F. A. Sawyer. 1,464,472; Aug. 7.
Picture machines, Stand for moving-. N. Power. 1,449,870; Mar. 27.
Picture machines, Tension device for moving-. T. F. Uhlemann. 1,455,368; May 15.
Picture mat. J. D. Gabler. Des. 61,764; Jan. 9.
Picture-molding hook. E. B. Tracy. 1,456,476; May 22.
Picture mounting. P. C. Borman. 1,442,639; Jan. 16.
Picture or advertising exhibitor. B. Waters. 1,455,461; May 15.
Picture or animated drawing with directing indicator, Moving. J. F. Leventhal. 1,446,510; Feb. 27.
Picture-projecting apparatus. M. Klaiber. 1,476,017; Dec. 4.
Picture-projecting apparatus, Motion-. F. L. Hough. 1,442,068; Jan. 16.
Picture-projecting machine, Motion-. W. J. Blankenberg. 1,463,417; July 31.
Picture-projecting machine, Motion-. J. C. Chambers. 1,448,357; Mar. 13.
Picture-projecting machine, Motion-. F. Mladinich. 1,464,327; Aug. 7.
Picture-projecting machines, Control mechanism for motion. N. T. Burgess. 1,462,931; July 24.
Picture-projecting machines, Revolving shutter for moving-. G. Johnston. 1,471,031; Oct. 16.
Picture-projection apparatus, Motion-. T. A. Killman. 1,458,210; June 12.
Picture projection, Motion-. C. F. Perham. 1,450,514; Apr. 3.
Picture-projector attachment. F. J. McGettigan. 1,457,782; June 5.
Picture projectors, Carbon holder for. A. S. Hruska. 1,465,042; Aug. 14.
Picture-record tinting apparatus, Motion-. F. J. Bulask. 1,476,670; Dec. 4.
Picture reflector, Orchestra leader's. C. A. Grissinger. 1,454,733; May 8.
Picture screen and making same, Projection. F. J. Adams. 1,455,982; May 22.
Picture slide. W. J. Donaldson. 1,465,353; Aug. 21.
Picture-slide display apparatus, Automatic. B. W. Lauchly. 1,443,711; Jan. 30.
Picture stand or support. A. J. Gans. 1,466,934; Sept. 4.
Picture transmission. A. Sinding-Larsen. 1,473,882; Nov. 13.
Pictures and color tones, Colored background for motion. M. D. Murray. 1,446,266; Feb. 20.
Pictures, Apparatus for exhibiting. R. I. Atherton. 1,447,403; Mar. 6.
Pictures, Apparatus for simulating moving. C. E. Noville. 1,470,468; Oct. 9.
Pictures, Film for the reproduction of. F. C. Rockwell. 1,444,388; Feb. 6.
Pictures in color, Producing. J. H. Steinman. 1,444,531; Feb. 6.
Pictures in relief, Apparatus for showing. C. E. R. Schneider. 1,448,153; Mar. 13.
Pictures, Making and exhibiting moving. I. T. Purcell. 1,451,086; Apr. 10.
Pictures, Means for obtaining spherical relief in. A. E. Bertelson. 1,464,636; Aug. 14.
Pictures, Method and means for taking moving. D. W. Griffith. 1,476,885; Dec. 11.
Pictures, Music cue sheet for motion. M. J. Mintz. 1,463,288; July 31.
Pictures or the like, Support for. W. Brizgis. 1,448,024; Mar. 13.
Pictures, Printing motion. F. D. Williams. 1,464,054; Aug. 7.
Pictures, Process and article for producing moving. C. F. Lederer. 1,446,123; Feb. 20.
Pictures, Producing motion. J. W. Flender. 1,458,401; June 12.
Pictures, Producing motion. F. Peano. 1,467,394; Sept. 11.
Pictures, Producing visual depth in projected. T. H. Marten. 1,461,131–2; July 10.
Pictures, Progress indicator for motion. C. O. Riedel. 1,442,297; Jan. 16.
Pictures, Taking. I. Boysen. 1,460,744; July 3.
Pie cutter. C. J. Schipplock and J. C. Kessler. 1,453,367; May 1.
Pie cutter and crimper. J. M. Almedia. 1,442,635; Jan. 16.
Pie-cutting device. J. J. Slovack. 1,457,233; May 29.
Pie machine. D. W. Smith. 1,459,166; June 19.
Pie or cake cutter and gauge. J. W. Baker. 1,442,679; Jan. 16.
Piece goods. P. E. Sillière. Des. 62,069; Mar. 13.
Pier, Foundation. J. M. Fitzgerald. 1,447,942; Mar. 6.
Pier structure. F. F. Waechter and W. S. Campbell. 1,443,297; Jan. 23.
Piety, religious devotion, and high idealistic sentiments, Device for the promotion of. J. I. Comber. 1,472,746; Oct. 30.
Pig bristles, Machine for setting and mixing. D. Magny. 1,457,783; June 5.
Pigeon trap, Clay-. C. O. Carothers. 1,477,942; Dec. 18.
Pigment and paint. H. S. Blackmore. 1,460,699; July 3.
Pigment, Manufacture of black carbonaceous. V. H. Schnee. 1,446,933; Feb. 27.
Pigments, Preparing chrome. N. Underwood. 1,441,612; Jan. 9.
Pigtail connection. F. F. Dorsey. 1,465,255; Aug. 21.
Pilaster construction. F. Heath. 1,453,837; May 1.
Pile and making it, Protected. F. F. Beeby. 1,476,584; Dec. 4.
Pile-cutting device. P. A. Wagner. 1,450,011; Mar. 27.
Pile-cutting device. P. A. Wagner. 1,452,285; Apr. 17.
Pile driver. H. R. Smith and A. E. Twist. 1,473,054; Nov. 6.
Pile driver, Duplex sheet- J. Perna. 1,451,922; Apr. 17.
Pile-driving apparatus. E. H. Hopson. 1,454,927; May 15.
Pile lifter. C. L. West. 1,462,435; July 17.
Pile-pulling apparatus. M. D. Riker. 1,477,283; Dec. 11.
Piling, Hydraulic. H. Abrames. 1,451,753; Apr. 17.
Pillow. E. E. Emmerich. 1,447,288; Mar. 6.
Pillow, marine life-saving belt, and the like. M. M. Dessau. 1,470,598; Oct. 16.
Pills and the like, Machine for counting. J. H. Bruchey. 1,448,826; Mar. 20.
Pilot. H. M. Pflager. 1,478,249; Dec. 18.
Pilot beam. C. T. Westlake. 1,452,538; Apr. 24.
Pilot burner. F. W. Powers. 1,474,641; Nov. 20.
Pilot-burner control. F. W. Powers. 1,469,394; Oct. 2.
Pilot conductor, Aperiodic. M. I. Pupin and M. C. Spencer. 1,446,769; Feb. 27.
Pimiento coring and skin-loosening machine. C. J. Walden. 1,476,937; Dec. 11.
Pin: *See*—
Adjustable wrist pin.
Bar pin.
Barber-cloth pin.
Bucket pin.
Crank pin.
Dowel pin.
Gauge pin.
Hinge pin.
Husking pin.
Insulator-supporting pin.
Laundry-marking pin.
Lingerie pin.
Piston pin.
Safety pin.
Shuttle-block pin.
Wrist pin.
Pin. J. Evans. 1,465,212; Aug. 14.
Pin. W. A. Johnson. 1,475,702; Nov. 27.
Pin and clip, Pencil. P. Anderson. 1,451,413; Apr. 10.
Pin and like securing device. L. J. Roy. 1,472,681; Oct. 30.
Pin and making same, Bar. F. S. and R. K. Maker. 1,442,815; Jan. 23.
Pin and making the same. H. R. Johnson. 1,448,844; Mar. 20.
Pin board. F. C. Washburn. 1,469,550; Oct. 2.
Pin, brooch, bracelet, finger ring, or similar article. G. Bastheim. Des. 62,439; June 5.
Pin, button, badge, emblem, or article of similar nature. N. L. Roulet. Des. 62,504; June 12.
Pin card and charging the same, Safety-. H. M. Gleason. 1,445,831; Feb. 20.
Pin clasp. J. Zangrilli. 1,460,998; July 3.
Pin clip. B. G. Vigurs. 1,475,211; Nov. 27.
Pin, emblem, medal, ring, or similar article. C. B. Dyer. Des. 62,396; May 22.
Pin, Emblematic. I. M. Sullivan. Des. 62,153; Mar. 27.
Pin extracting and replacing tool. W. H. Winchler. 1,472,349; Oct. 30.
Pin fastener. W. C. Harper. 1,442,613; Jan. 16.
Pin-forming and button-pinning machine. J. G. Wegman. 1,463,565; July 31.
Pin-inserting tool. D. A. Craun. 1,466,992; Sept. 4.
Pin lifter. J. R. Jones. 1,455,533; May 15.
Pin-locking means. H. J. Edwards. 1,443,014; Jan. 23.

Pin or badge. R. B. Bryant. Des. 62,472; June 12.
Pin or emblem. J. Miller. Des. 62,580; June 26.
Pin puller. H. W. Morrow. 1,474,159; Nov. 13.
Pin, Safety. S. Olop. 1,451,105; Apr. 10.
Pin-setting machine, Automatic. H. A. Redfield. 1,468,212; Sept. 18.
Pin-spotting mechanism, Automatic. C. Lorenz and E. Kunish. 1,449,012; Mar. 20.
Pinwheel. C. F. Mitchel and J. W. Lechleitner. 1,443,585; Jan. 30.
Pins, brooches, and the like, Catch fastener with locking device for. G. A. Renault. 1,442,824; Jan. 23.
Pinch bar. W. E. Smiley and H. D. Ga Nung. 1,469,367; Oct. 2.
Pineapple-shell-feeding device. H. F. Opperman. 1,460,559; July 3.
Pineapple shells, Machine for removing meat from. C. E. Barter. 1,444,535; Feb. 6.
Pineapple slicer. L. Hirsch. 1,466,337; Aug. 28.
Pineapple-trimming machine. M. O. Johnson and R. H. Lowrie. 1,471,336; Oct. 23.
Pinion drives, Pressure-distributing device for double-. D. C. Davis. 1,458,131; June 12.
Pinion, Flexible. H. A. Houston. 1,451,576; Apr. 10.
Pinion mounting. J. W. White. 1,444,293; Feb. 6.
Pintle. C. H. Kasch. 1,444,311; Feb. 6.
Pintle-inserting machine. C. V. Strickland. 1,453,085; Apr. 24.
Pipe: *See*—

Annealing mastic pipe.	Tobacco pipe.
Concrete pipe.	Tobacco-smoking pipe.
Organ pipe.	Water pipe.
Smoking pipe.	Well-casing pipe.

Pipe. J. A. Chambers. 1,456,762; May 29.
Pipe. J. E. Dodd. 1,459,619; June 19.
Pipe. A. M. Saunders. 1,460,769; July 3.
Pipe. P. J. A. Uytenbogaart. 1,468,681; Sept. 25.
Pipe-anchoring means. C. A. Bell. 1,466,292; Aug. 28.
Pipe and cigarette holder, Combination. P. J. Sitter. 1,469,276; Oct. 2.
Pipe and fitting joint. J. J. Hogan. 1,442,724; Jan. 16.
Pipe and in a special form of pipe, Making. F. T. Snyder. 1,476,734; Dec. 11.
Pipe and nut wrench, Combined. G. Forton. 1,461,522; July 10.
Pipe and nut wrench, Combined. J. Quist. 1,468,211; Sept. 18.
Pipe and pipe clamp. G. F. Hauf. 1,474,822; Nov. 20.
Pipe and rod cutter. A. E. Smith. 1,448,877; Mar. 20.
Pipe attachment, Smoking-. J. T. Shaw. 1,462,425; July 17.
Pipe balls, Forming. L. W. Jones. 1,467,166; Sept. 4.
Pipe balls, Producing. J. H. Hall. 1,467,542; Sept. 11.
Pipe bender or elbow former. G. Jones. 1,452,383; Apr. 17.
Pipe-bending machine. W. H. Beers. 1,450,317; Apr. 3.
Pipe-bending machine. J. Brogden. 1,473,756; Nov. 13.
Pipe bends, Device for making. C. K. Lassiter and J. Kindervater. 1,442,481; Jan. 16.
Pipe by the action of centrifugal force, Machine for the manufacture of. P. Allard. 1,465,153; Aug. 14.
Pipe-casting machine. W. J. Perry. 1,467,496; Sept. 11.
Pipe clamp and wrench. J. A. Painter and H. G. McCullough. 1,462,377; July 17.
Pipe cleaner. F. S. Brown. 1,477,207; Dec. 11.
Pipe cleaner. F. J. Kehlenbeck. 1,448,748; Mar. 20.
Pipe-cleaning device. A. P. Gulliver. 1,459,625; June 16.
Pipe condenser, Double-. B. F. Safberg. 1,447,518; Mar. 6.
Pipe conduit, Water-tight. J. W. Latimer. 1,466,054; Aug. 28.
Pipe connection. D. W. Bovee. 1,467,833; Sept. 11.
Pipe connection and making the same, Superheater. D. H. Wilson and J. E. Fuller. 1,442,458; Jan. 16.
Pipe connection or boot. A. G. Scherer. 1,457,126; May 29.
Pipe coupler. D. W. Maupin and R. C. Teegarden. 1,471,045; Oct. 16.
Pipe coupling. J. W. Frazier and F. E. Hansen. 1,460,154; June 26.
Pipe coupling. H. W. Hahn. 1,461,482; July 10.
Pipe coupling. R. F. Haughey. 1,462,698; July 24.
Pipe coupling. J. Lippis. 1,464,768; Aug. 14.
Pipe coupling. A. T. McWane. 1,474,435; Nov. 20.
Pipe coupling. S. Metzsch. 1,441,736; Jan. 9.
Pipe coupling. C. L. Nelson. 1,478,452; Dec. 25.
Pipe coupling. C. Seng. Re15,632; June 19.
Pipe coupling, Air-tight. J. R. Brown. 1,472,290; Oct. 30.
Pipe coupling and making the same. B. Harris. 1,447,950; Mar. 6.
Pipe coupling, Angular. D. M. Tulloch. 1,442,371; Jan. 16.
Pipe coupling, Compressed-air-. W. O. Vivarttas. 1,446,489; Feb. 27.
Pipe coupling, Flanged. O. W. Steindorf. 1,443,051; Jan. 23.
Pipe coupling, Instantaneous. C. Sen. 1,467,508; Sept. 11.
Pipe cutter. H. H. Eaton. 1,475,374; Nov. 27.
Pipe-cutting apparatus. A. T. Sampson. 1,449,150; Mar. 20.
Pipe-cutting apparatus. W. W. Vosper. 1,471,872; Oct. 23.
Pipe-cutting machine. A. T. Sampson. 1,478,065; Dec. 18.
Pipe-cutting machine. W. W. Vosper. 1,468,935; Sept. 25.
Pipe-cutting machine, Automatic. T. Rankin. 1,440,492; Jan. 2.
Pipe-cutting machines, Safety device for. H. Morrison. 1,457,992; June 5.
Pipe cutting, rounding, and threading machine. E. H. Wilson. 1,460,088; June 26.
Pipe drain. A. Hess. 1,456,437; May 22.
Pipe-end-finishing tool. H. Morrison. 1,466,409; Aug. 28.
Pipe-engaging slip. G. R. Livergood. 1,445,445; Feb. 13.
Pipe, Extension filler. W. J. Douglas. 1,463,202; July 31.
Pipe fitting. A. E. Burdin. 1,444,727; Feb. 6.
Pipe fitting. G. J. Von Glahn. 1,476,861; Dec. 11.
Pipe fittings, Testing machine for. R. C. Rahm. 1,467,813; Sept. 11.
Pipe-flange protector. E. Widiger. 1,459,126; June 19.
Pipe-forming plant. D. L. Williams. 1,462,311; July 17.
Pipe grip. C. M. Heeter. 1,455,612; May 15.
Pipe hanger. J. B. Estep. 1,457,106; May 29.
Pipe hanger. H. W. Skinner. 1,476,473; Dec. 4.
Pipe hanger. C. H. Voellmecke. 1,474,059; Nov. 13.
Pipe hanger. L. R. Zifferer. 1,477,621; Dec. 18.
Pipe joint. H. Dollman. 1,477,696; Dec. 18.
Pipe joint. R. W. Higdon. 1,451,731; Apr. 17.
Pipe joint. A. M. Hirsh and J. C. Mitchell. 1,455,250; May 15.
Pipe joint. W. Krause. 1,474,155; Nov. 13.
Pipe joint. A. T. Kuehner. 1,460,100; June 26.
Pipe joint. A. T. McWane. 1,474,436–7; Nov. 20.
Pipe joint. G. E. Miller. 1,449,773; Mar. 27.
Pipe-joint cleaner, Sewer. J. S. Rhinehart. 1,478,455; Dec. 25.
Pipe joint, Flexible. W. H. Taylor, 3d. 1,475,090; Nov. 20.
Pipe joint, Invisible. G. Hail. 1,463,692; July 31.
Pipe joint, Quick-detachable. A. P. Lewis. 1,474,270; Nov. 13.
Pipe joints and the like, Apparatus for screwing together and unscrewing. H. C. Thrift. 1,471,367; Oct. 23.
Pipe joints, Calking machine for. W. H. Flint. 1,469,297; Oct. 2.
Pipe-laying machine, Clutch for. G. B. Smith and R. W. Sanders. 1,477,670; Dec. 18.
Pipeless furnace. W. L. Mersfelder. 1,442,628; Jan. 16.
Pipe lifter. C. E. Eckert. 1,468,344; Sept. 18.
Pipe-lifting implement. J. Aumiller. 1,469,911; Oct. 9.
Pipe-lifting jack. J. W. Septer. 1,475,146; Nov. 20.
Pipe lines, Neck or nozzle connection for. H. Mitchell. 1,457,183; May 29.
Pipe lines, Wrought-metal repair device for. J. Clark. 1,478,172; Dec. 18.
Pipe manufacturer. T. P. Anthony. 1,469,206; Oct. 2.
Pipe, Method and apparatus for pushing. A. C. Ludlum and A. Lowy. 1,442,164; Jan. 16.
Pipe mold. O. F. Heer. 1,471,262; Oct. 16.
Pipe mold. J. C. Lyman. 1,442,691; Jan. 16.
Pipe mold, Centrifugal. W. L. Haynes. 1,477,872; Dec. 18.
Pipe molds, Method and apparatus for forming. T. P. Anthony. 1,475,217; Nov. 27.
Pipe-operating device. G. A. Fletcher. 1,448,621; Mar. 13.
Pipe or cable clamp. J. Vrba. 1,462,671; July 24.
Pipe or culvert. M. Lachman. 1,442,160; Jan. 16.
Pipe or fitting, Reenforced. T. F. Hanley. 1,467,933; Sept. 11.
Pipe-packing device, Smoker's. S. B. Harvey. 1,444,915; Feb. 13.
Pipe points, Apparatus for forming. L. A. Weston. 1,462,077; July 17.
Pipe protector. S. Bado. 1,457,295; June 5.
Pipe puller. C. R. Edwards. 1,443,463; Jan. 30.
Pipe-pulling apparatus. H. C. Thrift. 1,454,088; May 8.
Pipe-pulling machines, Attachment for. L. W. Fetzer. 1,455,999; May 22.
Pipe-repair clamp. J. W. Blair. 1,460,224; June 26.
Pipe-repair clamp. W. Clemens and J. White. 1,475,254; Nov. 27.
Pipe-stamping machine. R. R. Solmson. 1,467,073; Sept. 4.
Pipe stand. H. J. Day and P. J. Walker. Des. 63,286; Nov. 20.
Pipe support and anchor. D. Gerber. 1,470,529; Oct. 9.
Pipe-supporting means. C. E. Norman. 1,450,640; Apr. 3.
Pipe-suspending apparatus. E. P. Halley. 1,442,663; Jan. 16.
Pipe systems, Exhauster for dry-. G. I. Rockwood. 1,474,915; Nov. 20.
Pipe-tapping attachment. J. W. Flower. 1,442,261; Jan. 16.
Pipe thimble. R. L. Wells. 1,472,819; Nov. 6.
Pipe-thread protector. H. W. Avery. 1,461,595; July 10.
Pipe-threading machine. C. F. Schmelz. 1,465,488; Aug. 21.
Pipe-threading machines, Attachment for. H. Lynch. 1,456,853; May 29.
Pipe, Tobacco. M. Schiers. 1,457,189; May 29.

Pipe tongs. J. R. Gray. 1,470,161; Oct. 9.
Pipe union. H. E. Paine. 1,450,606; Apr. 3.
Pipe union. W. G. Werbeck. 1,468,187; Sept. 18.
Pipe wrench. G. D. Becker. 1,456,480; May 22.
Pipe wrench. A. G. Cherne. 1,444,583; Feb. 6.
Pipe wrench. E. J. Evans and G. E. Hemphill. 1,449,386; Mar. 27.
Pipe wrench. J. Fields. 1,445,761; Feb. 20.
Pipe wrench. E. Hakey. 1,471,958; Oct. 23.
Pipe wrench. G. C. Lawson. Re15,674; Aug. 14.
Pipe wrench. J. M. Martin. 1,450,297; Apr. 3.
Pipe wrench. B. H. Parker. 1,453,854; May 1.
Pipe wrench. E. A. Peterson. 1,451,084; Apr. 10.
Pipe wrench. S. Sorensen. 1,444,216; Feb. 6.
Pipe wrench. B. J. Steen. 1,454,016; May 1.
Pipe wrench, Adjustable. B. Margason. 1,464,287; Aug. 7.
Pipe wrench, Inside. W. A. Ellison. 1,472,464; Oct. 30.
Pipe wrench, Machine. C. S. Wright. 1,447,744; Mar. 6.
Pipes, Adjustable boot for. C. M. Buller. 1,462,482; July 24.
Pipes, Adjustable head for. C. M. Buller. 1,461,438; July 10.
Pipes and similar containers, Manhole for. F. E. Johnson, jr. 1,456,601; May 29.
Pipes and the like, Floor connection for soil. J. P. Heeney. 1,477,560; Dec. 18.
Pipes, Apparatus for cutting. P. J. King. 1,476,983; Dec. 11.
Pipes, Casing for smoking. L. Graveure. 1,462,277; July 17.
Pipes, Clamps for stopping leaks on. R. W. Philbrook. 1,474,550; Nov. 20.
Pipes, Composition for tobacco. W. W. Hesson. 1,455,396; May 15.
Pipes, conduits, etc., Coupling for. F. W. Erickson. 1,452,268; Apr. 17.
Pipes, Device for blowing out oil. J. T. Bryan. 1,477,239; Dec. 11.
Pipes, Device for cleaning. H. Ruperti. 1,452,708; Apr. 24.
Pipes, Device for stopping leaks in. D. B. Crockett. 1,471,386; Oct. 23.
Pipes, Hopper for heating. C. D. McCall. 1,444,319; Feb. 6.
Pipes, Joint for concrete pressure. J. C. Mitchell. 1,467,585; Sept. 11.
Pipes, Lapping metal. O. M. Carlson. 1,472,047; Oct. 30.
Pipes, Machine for bending. B. J. Lindgren. 1,471,176; Oct. 16.
Pipes, Machine for manufacturing metal. A. G. H. and M. J. Ferguson. 1,442,869; Jan. 23.
Pipes, Manufacturing ribbed. K. Winkelmüller. 1,472,146; Oct. 30.
Pipes, Means for flanging soft-metal. P. Mueller and A. C. Schuermann. 1,472,278; Oct. 30.
Pipes, Method and means for joining. O. E. Oleson. 1,467,064; Sept. 4.
Pipes of cement, Making. L. Billé. 1,441,908; Jan. 9.
Pipes or tubes, Clip for. J. S. Hogg and H. Lane. 1,468,297; Sept. 18.
Pipes, Strainer and stopper for. M. Lebleson. 1,461,317; July 10.
Pipes to boilers, Device for connecting. T. J. Foley. 1,472,794; Nov. 6.
Pipes to tanks and other receptacles, Device for connecting suction. W. C. Shanley. 1,461,945; July 17.
Piping and fitting therefor, Sanitary. W. J. Davis. 1,463,461; July 31.
Piping and the like, by centrifugal casting, Machine for the manufacture of. F. Arens. 1,469,242; Oct. 2.
Piping machine, Blindstitch-. H. C. Moulton. 1,464,997; Aug. 14.
Pistol. B. L. Shaver. 1,468,840; Sept. 25.
Pistol. E. Thimgren. 1,475,037; Nov. 20.
Pistol and other small arm, Automatic. J. W. Fearn. 1,461,387; July 10.
Pistol, Automatic. J. H Hines. 1,460,672; July 3.
Pistol, Automatic. A. C. Ithomitis. 1,444,686; Feb. 6.
Pistol, Automatic. F. Walther. 1,449,566; Mar. 27.
Pistol holster. O. F. Ludwig. 1,453,880; May 1.
Pistol, Machine. T Bergmann. 1,450,834; Apr. 3.
Pistol stock, Auxiliary. J. F. Petritsch. 1,477,445; Dec. 11.
Pistol, Target. H. Wesson and E. S. Pomeroy. 1,476,125; Dec. 4.
Pistols, Disjointing device for automatic. N. Pieper. 1,452,000; Apr. 17.
Pistols having removable barrels, Means for securing the barrels of. J. Declaye. 1,459,285; June 19.
Pistols, Movable breech for automatic. J. Declaye. 1,459,286; June 19.
Piston. R. Allen. 1,475,773; Nov. 27.
Piston. C. C. Anderson. 1,444,942; Feb. 13.
Piston. M. W. Barwald. 1,462,501; July 24.
Piston. H. W. Bender. 1,478,368; Dec. 25.
Piston. A. Brynteson. 1,466,786; Sept. 4.
Piston. P. Butcher. 1,478,887; Dec. 25.
Piston. J. W. Corser. 1,462,084; July 17.
Piston. D. P. Davies. 1,460,535; July 3.
Piston. A. M. Franchi. 1,456,727; May 29.
Piston. A. M. Franchi. 1,474,354; Nov. 20.
Piston. A. Hamelstrom. 1,475,114; Nov. 20.
Piston. C. E. Johnson. 1,452,807; Apr. 24.
Piston. R. C. Jones. 1,478,963; Dec. 25.
Piston. D. S. Ludlam. 1,465,647; Aug. 21.
Piston. W. H. May. 1,471,969; Oct. 23.
Piston. A. L. Nelson. 1,454,761–2; May 8.
Piston. A. L. Nelson. 1,465,144; Aug. 14.
Piston. A. E. Osborn. 1,456,708; May 29.
Piston. F. A. Parkhurst. 1,440,549; Jan. 2.
Piston. H. Schmitt. 1,471,008; Oct. 16.
Piston. C. R. Short. 1,473,127; Nov. 6.
Piston. T. C. Smith. 1,460,041; June 26.
Piston. H. T. Thomas. 1,473,061; Nov. 6.
Piston. J. R. Warren. 1,446,601; Feb. 27.
Piston. R. J. Woodruff. 1,475,359; Nov. 27.
Piston and connecting rod aligning device. J. H. Staley. 1,449,704; Mar. 27.
Piston and cylinder fitting compound. C. G. Buttenfield. 1,463,501–2; July 31.
Piston and cylinder surfaces, Treating. G. W. Donnelly. 1,472,295; Oct. 30.
Piston and making same, Engine. F. L. Mädler. 1,464,612; Aug. 14.
Piston and manufacturing same. C. W. Philip. 1,462,655; July 24.
Piston and packing. P. J. Huhn. 1,443,473; Jan. 30.
Piston and piston packing ring, Metallic. J. E. Butler. 1,463,667; July 31.
Piston and piston ring. I. Cisski. 1,450,134; Mar. 27.
Piston and piston ring. W. R. Day. 1,453,448; May 1.
Piston and piston ring. M. Faessel. 1,478,561; Dec. 25.
Piston and piston ring and making the same. B. S. Cowles. 1,474,024; Nov. 13.
Piston and pump-piston packing-adjusting mechanism, Oil-well slush-pump. W. F. McMahon. 1,474,201; Nov. 13.
Piston-cooling device. R. Schlatter. 1,451,375; Apr. 10.
Piston construction. C. H. Knudsen. 1,470,753; Oct. 16.
Piston construction. H. C. Metzger. 1,478,361; Dec. 18.
Piston construction. P. G. Tismer. 1,472,893; Nov. 6.
Piston-control mechanism. R. H. Annison. 1,463,785; Aug. 7.
Piston-dressing machine. E. A. Hammett. 1,454,834; May 8.
Piston, Engine. R. Alford. 1,468,621; Sept. 25.
Piston, Engine. R. L. Dewar. 1,460,537; July 3.
Piston, Engine. C. H. Taylor. 1,466,679; Sept. 4.
Piston engine, Reciprocating-. H. Pilling. 1,450,112; Mar. 27.
Piston for engines. R. S. Trott. 1,454,868; May 15.
Piston for internal-combustion engines. J. F. Guider. 1,442,610; Jan. 16.
Piston for internal-combustion engines. M. H. Lutz, jr. 1,469,656; Oct. 2.
Piston for internal-combustion engines. H. A. Weeks. 1,468,586; Sept. 18.
Piston for internal-combustion engines, Two-part. J. Bolan. 1,463,245; July 31.
Piston or packing ring. F. A. Miller. 1,466,510; Aug. 28.
Piston or piston valve. R. Allen. 1,475,772; Nov. 27.
Piston packing. K. A. Simmon. 1,460,182; June 26.
Piston packing, Metallic. H. M. Bramberry. Re15,610; May 22.
Piston packing ring. O. W. Hanson. 1,477,120; Dec. 11.
Piston packing ring. J. E. Rymer. 1,440,895; Jan. 2.
Piston-packing ring. J. F. Myers. 1,470,096; Oct. 9.
Piston, Pump. C. E. Frazier. 1,478,707; Dec. 25.
Piston, Revolving. T. Kallmeyer. 1,474,325; Nov. 13.
Piston ring. L. R. Behnke. 1,475,783; Nov. 27.
Piston ring. F. F. Bessinger. 1,475,366; Nov. 27.
Piston ring. S. F. Borkey. 1,475,680; Nov. 27.
Piston ring. J. H. Brenner. 1,458,207; June 12.
Piston ring. F. S. Chopieska. 1,447,533; Mar. 6.
Piston ring. M. A. Davis. 1,470,113; Oct. 9.
Piston ring. E. J. and G. C. Du Bois. 1,450,160; Mar. 27.
Piston ring. V. J. Emry. 1,477,550; Dec. 18.
Piston pin. J. C. Engstrand. 1,453,095; Apr. 24.
Piston ring. W. R. Heslewood and H. F. Mocine. 1,470,263; Oct. 9.
Piston ring. E. Kottusch. 1,477,368; Dec. 11.
Piston ring. J. M. La Course. 1,472,073; Oct. 30.
Piston ring. F. M. Moore. 1,471,700; Oct. 23.
Piston ring. A. C. De Nisson. 1,449,939; Mar. 27.
Piston ring. J. E. Norwood. 1,462,043; July 17.
Piston ring. C. Ohler. 1,458,072; June 5.
Piston ring. A. A. Panyard. 1,466,558; Aug. 28.
Piston ring. H. E. Pelletier. 1,446,658; Feb. 27.
Piston ring. J. Prescott. 1,444,938; Feb. 13.
Piston ring. H. E. Reaume. 1,478,486; Dec. 25.
Piston ring. P. Tawney. 1,476,657; Dec. 4.
Piston ring. A. H. Wadell. 1,444,046; Feb. 6.
Piston ring. H. S. Waterman. 1,446,076; Feb. 20.
Piston ring. H. P. Wilke. 1,467,408; Sept. 11.
Piston ring. E. M. Williams. 1,477,617; Dec. 18.
Piston ring and making same. P. M. Klein. 1,452,645; Apr. 24.
Piston-ring clamp. H. Trost. 1,450,527; Apr. 3.
Piston-ring compressor. W. C. Cook. 1,478,942; Dec 25.
Piston-ring compressor. L. A. Martinelli. 1,447,561; Mar. 6.
Piston-ring construction. C. E. Johnson. 1,445,020; Feb. 13.
Piston-ring expander. J. H. Rice. 1,448,461; Mar. 13.

Piston-ring-expanding tool. V. C. Tillier. 1,477,786; Dec. 18.
Piston-ring-grinding machines, Attachment for. C. E. Johnson. 1,477,758; Dec. 18.
Piston-ring-groove carbon scraper. C. Amundson. 1,462,895; July 24.
Piston-ring grooves, Finishing. G. A. Taylor. 1,475,662; Nov. 27.
Piston-ring holder. C. Barchus. 1,478,724; Dec. 25.
Piston-ring holder. J. W. Mainwaring. 1,452,518; Apr. 24.
Piston-ring manufacture. C. E. Carson. 1,468,355; Sept. 18.
Piston-ring remover. L. J. Genett. 1,468,291; Sept. 18.
Piston-ring remover. J. B. Kabanuck. 1,466,659; Sept. 4.
Piston-ring remover. V. A. Nelson. 1,444,981; Feb. 13.
Piston-ring remover. A. J. Wakefield. 1,475,665; Nov. 27.
Piston-ring squeezer. A. Woolen. 1,470,313; Oct. 9.
Piston-ring tester. R. H. Busick. 1,455,864; May 22.
Piston-ring-testing machine. H. O. Hem. 1,470,668; Oct. 16.
Piston-ring tool. M. S. Linton. 1,458,067; June 5.
Piston-ring tool. E. F. Westman. 1,477,677; Dec. 18.
Piston rings, Apparatus for forming. G. A. Taylor. 1,475,661; Nov. 27.
Piston rings, Device for compressing. K. D. Holland. 1,444,072; Feb. 6.
Piston rings in their grooves or removing them therefrom, Appliance for inserting. R. Allen. 1,464,056; Aug. 7.
Piston rings, Machine for making. H. R. Seifert. 1,459,117; June 19.
Piston rings, Machine for rolling. J. A. Ingram. 1,470,743; Oct. 16.
Piston rings, Making. J. H. Bruninga. 1,450,200; Apr. 3.
Piston rings, Making. J. H. Schreiber. 1,468,171; Sept. 18.
Piston rings, Making. G. A. Taylor. 1,475,660; Nov. 27.
Piston rings, Means for expanding. W. R. Scott. 1,473,446; Nov. 6.
Piston rings, Mechanism for making. H. A. Heckmann. No. 1,456,925; May 29.
Piston rings, Mechanism for testing. W. C. Peterson. 1,457,933; June 5.
Piston rings, Process and apparatus for forming. H. R. Seifert. 1,458,248; June 12.
Piston rings, Process and apparatus for forming cup. G. Christenson. 1,454,506; May 8.
Piston rings, Tool for compressing. R. R. Teetor. 1,454,350; May 8.
Piston rings, Tool for inserting. R. Lee. 1,452,468; Apr. 17.
Piston rod. H. A. Soulis. 1,462,833; July 24.
Piston-rod connection. H. Shoemaker. 1,440,801; Jan. 2.
Piston-rod swab. J. W. Price, jr. 1,460,174; June 26.
Piston rods or pumps, Power head for operating. P. A. Myers. 1,470,634; Oct. 16.
Piston, Sheet-metal. S. D. Hartog. 1,455,786; May 22.
Piston switch. G. H. Chapman. 1,465,420; Aug. 21.
Piston valve cylinders, Gauge for. C. W. Deuter. 1,455,083; May 15.
Piston, Valved. L. Tharp. 1,472,947; Nov. 6.
Pistons, Aligner for engine. C. C. Spangenberger. 1,442,102; Jan. 16.
Pistons and connecting rods, Connecting means between motor. G. R. Rich. 1,466,756; Sept. 4.
Pistons, Check-valve-control means for. F. L. Mumford. 1,463,628; July 31.
Pistons, Connecting rod for. C. A. G. Pritchard. 1,452,932; Apr. 24.
Pistons, Core box for. D. W. Clark. 1,451,010; Apr. 10.
Pistons, Cup packing for. R. C. Kendall. 1,453,505; May 1.
Pistons, Forming. W. G. Heginbottom. 1,441,082; Jan. 2.
Pistons, Mandrel for squaring. C. E. Folk. 1,440,450; Jan. 2.
Pistons, Packing for. T. A. Meyers. 1,467,113; Sept. 4.
Pistons, Packing ring for. L. C. Marshall. 1,443,755; Jan. 30.
Pistons, piston rings, and cylinders, and specially-prepared piston rings, Treating. O. W. Gerleman. 1,462,855; July 24.
Pistons, piston rings, and cylinders, Treating. O. W. Gerleman. 1,466,432; Aug. 28.
Pistons, Positioning means for. L. R. Davis and R. M. Hughes. 1,462,742; July 24.
Pit-cage arrester. M. Williams. 1,475,668; Nov. 27.
Pitcher. F. Carder. Des. 61,945; Feb. 13.
Pitcher. F. Carder. Des. 61,947; Feb. 13.
Pitcher. F. Carder. Des. 61,950; Feb. 13.
Pitcher. H. A. Church. Des. 62,392; May 22.
Pitcher. A. J. Sanford. Des. 62,675; July 17.
Pitcher, Cream. C. L. Sebring. Des. 63,332; Nov. 20.
Pitcher, Fabric water. E. L. Henderson. 1,447,981; Mar. 13.
Pitcher or similar article. A. J. Flauder. Des. 63,641; Dec. 25.
Pitchfork. E. Luukkonen. 1,456,455; May 22.
Pitman. E. W. Hansen. 1,457,434; June 5.
Pitman, Automatic. B. R. Benjamin and C. Pearson. 1,446,111; Feb. 20.
Pitman end. R. C. Baker. 1,475,531; Nov. 27.
Pitman rod, Self-lubricating. J. M. Axtell. 1,471,818; Oct. 23.
Pitometer. W. S. Darley. 1,446,618; Feb. 27.
Pitter. H. L. Cummins. 1,455,323; May 15.
Pivot mounting. H. O. Hem. 1,463,423; July 31.
Pivot retainer. H. O. Hem. 1,459,449; June 19.
Pivoted cutting tool. C. B. Larson. 1,447,991; Mar. 13.
Placard. H. V. Marsh and H. J. Stephens. 1,475,958; Dec. 4.
Placer machine, Combination. C. R. Gilbert. 1,477,053; Dec. 11.
Plait distributor. J. F. Baker. 1,446,147; Feb. 20.
Plait folder, Adjustable center-. J. E. Chalman. 1,478,023; Dec. 18.
Plait or netting in the form of tubes, Manufacture of annular. J. Winkler and P. König. 1,440,572; Jan. 2.
Plaited articles, Method of and means for laying out blanks of. C. Christensen. 1,465,807; Aug. 21.
Plaiting apparatus. M. Noel. 1,457,997; June 5.
Plane. J. R. Anderson. 1,448,177; Mar. 13.
Plane. H. H. Hardinge. 1,459,206; June 19.
Plane. E. J. Sweeney. 1,447,051; Feb. 27.
Plane. T. T. Tvedt. 1,440,649; Jan. 2.
Plane, Carpenter's. E. L. Ulrich. 1,448,044; Mar. 13.
Plane, Combination. C. A. Trump. 1,448,775; Mar. 20.
Plane, Cooper's sun. C. H. Grath. 1,460,717; July 3.
Plane, Extension. F. W. Humphreys. 1,475,700; Nov. 27.
Plane, Joiner's. J. Krecisz. 1,446,907; Feb. 27.
Planer. A. W. Draeseke and A. W. Parkes. 1,450,971; Apr. 10.
Planer. J. E. Lehman. 1,456,739; May 29.
Planer. A. R. McCann. 1,447,422; Mar. 6.
Planer. L. M. Pyle. 1,454,076; May 8.
Planer and system of motor control therefor. H. L. Blood. 1,458,613; June 12.
Planer and the like, Electrically-driven. S. Gowan and L. Miller. 1,475,766; Nov. 27.
Planer, Block. O. S. Cook and H. A. Gale. 1,458,220; June 12.
Planer, Metal. F. E. Cardullo. 1,476,949; Dec. 11.
Planer, Portable. G. L. Kraber. 1,478,569; Dec. 25.
Planer-tool holder. O. J. Sarlandt. 1,460,681; July 3.
Planers, Double-cutting tool for. J. D. Dusenbury. 1,466,355; Aug. 28.
Planers, Milling attachment for. J. Michelson. 1,470,091; Oct. 9.
Planetarium, Terrestrial. B. F. Bounds. 1,478,099; Dec. 18.
Planing machines and the like, Making rotatable tool carriers for. J. W. Oliver. 1,440,931; Jan. 2.
Planing, milling, and like machines, Attachment for securing the work to the tables of. E. Gething. 1,471,118; Oct. 16.
Planisphere. G. S. Kyle. 1,469,664; Oct. 2.
Plant, Artificial. J. M. Weyandt and M. Tafarella. 1,470,516; Oct. 9.
Plant digger. S. C. Clinkscale. 1,475,686; Nov. 27.
Plant, Drying. O. Nordström. 1,476,637; Dec. 4.
Plant-propagation cell or container. H. F. Blackwell. 1,446,113; Feb. 20.
Plant protector. A. Wilberding. 1,453,963; May 1.
Plant, Steam-power. J. A. Doble. 1,456,226; May 22.
Planter. F. J. Anderson, L. H. Cowden, and L. Ericson.
Planter, Seed. R. L. Estes. 1,478,894; Dec. 25.
Planter. R. H. Griffith. 1,458,178; June 12.
Planter. M. F. Hansen. 1,459,097; June 19.
Planter. E. P. Kendall. 1,448,303; Mar. 13.
Planter. C. B. Rowland. 1,477,904; Dec. 18. 1,477,097; Dec. 11.
Planter. H. R. Traphagen. 1,441,764; Jan. 9.
Planter, Corn. J. Scott. 1,450,613; Apr. 3.
Planter, Potato. G. F. Sproull. 1,448,468; Mar. 13.
Planter, Potato checkrow. J. Mailloux. 1,444,127; Feb. 6.
Planter and fertilizer distributor, Combined. F. B. Roubique. 1,457,230; May 29.
Planter attachment, Checkrow-corn-. T. Higgins. 1,428,055; June 5.
Planter, Bulb. T. De Young, jr. 1,453,923; May 1.
Planter, Checkrow. S. Munson. 1,466,058; Aug. 28.
Planter, Three-row. R. L. Ford. 1,460,236; June 26.
Planters, Landmarker for. H. R. Traphagen. 1,460,457; July 3.
Planters, Marker device for. H. B. McKahin. 1,471,182; Oct. 16.
Planters, Marker-device for. C. H. White. 1,451,669; Apr. 10.
Planters, Potato-cutter attachment for potato. M. Maciej. 1,446,713; Feb. 27.
Planters, Ratchet drive for hill drop. R. L. Ford. 1,443,173; Jan. 23.
Planters, Seed-dispensing mechanism for. G. H. Wright. 1,464,464; Aug. 7.
Planters, Superposed hopper for. R. L. Ford. 1,443,174; Jan. 23.
Planting machine. J. Blatecky. 1,454,949; May 15.
Planting machine, Potato-. H. S. Larsen. 1,461,396; July 10.
Plants and uncovering same, Machine for automatically shading. W. Herrmann. 1,478,516; Dec. 25.
Plants for disease known as pineapple wilt or lahaina, Means for treating. A. Horner, jr. 1,449,606; Mar. 27.

Plants, Machine for distributing powder over growing. G. F. Sproull. 1,450,651; Apr. 3.
Plaque. E. A. De Lan. Des. 63,397; Dec. 4.
Plaque board. A. L. Bausman. 1,458,966; June 19.
Plaque or ornament. C. T. Collins. Des. 62,559; June 19.
Plaque or similar article. G. S. Hunt. Des. 62,398; May 22.
Plaster and controlling the setting of plaster, an accelerator therefor, and making such accelerator. J. N. Wiggin. 1,460,396; July 3.
Plaster and making the same. P. E. Haynes and G. P. Gerfin. 1,456,924; May 29.
Plaster and producing same, Hardened water-repellent gypsum. J. W. Emerson. 1,470,260; Oct. 9.
Plaster-block machine. G. H. A. Ruby. 1,469,820; Oct. 9.
Plaster-block-making machine. G. H. A. Ruby. 1,469,819; Oct. 9.
Plaster board. L. E. Armstrong. 1,445,813; Feb. 20.
Plaster board. L. E. Armstrong. 1,475,674; Nov. 27.
Plaster board. R. N. Jensen. 1,456,599; May 29.
Plaster board. C. O. Walper. 1,474,657; Nov. 20.
Plaster-board apparatus. C. W. Utzman. 1,455,127; May 15.
Plaster board, Apparatus for handling freshly-formed sections of. G. A. Buttress. 1,476,050; Dec. 4.
Plaster-board construction. G. A. and J. A. Buttress. 1,449,728; Mar. 27.
Plaster board, Reenforced. J. Schumacher. 1,440,633; Jan. 2.
Plaster, Corn. C. Beckmann. 1,476,682; Dec. 11.
Plaster lathing. W. Heyd. 1,465,080; Aug. 14.
Plaster-receiving board. H. A. Cumfer. 1,474,145; Nov. 13.
Plaster spool, Adhesive-. W. A. Tainsh. 1,441,543; Jan. 9.
Plaster, Sound-absorbing. P. E. Sabine. 1,458,631; June 12.
Plaster stone, plaster, and other similar substances, Rotary-kettle kiln for drying and burning. G. Journet. 1,449,326; Mar. 20.
Plastic bodies from coal ashes and a plastic body made from such method, Making. S. Bo. 1,466,083; Aug. 28.
Plastic composition. T. F. Harrington. 1,446,178; Feb. 20.
Plastic composition. C. Noll. 1,468,029; Sept. 18.
Plastic composition and making same. H. A. Gardner. 1,446,039; Feb. 20.
Plastic composition and making the same. W. V. Watson. 1,472,951; Nov. 6.
Plastic composition of matter having a basis of cellulose ester. W. T. Forse, F. W. Jones, jr., and G. Walters. 1,468,609; Sept. 18.
Plastic compositions, Means and method for preparing. C. O. Walper. 1,476,938; Dec. 11.
Plastic compositions, Production of. C. E. Soane. 1,468,331; Sept. 18.
Plastic container, Reenforced. M. Bernstein. 1,471,680; Oct. 23.
Plastic masses, Manufacture of. H. Dreyfus. 1,466,819; Sept. 4.
Plastic material. F. T. Lahey. 1,474,482; Nov. 20.
Plastic material, Apparatus for conveying. M. R. Johnson. 1,473,958; Nov. 13.
Plastic material, Extracting moisture from. J. Heess. 1,474,259; Nov. 13.
Plastic material from casein, Manufacture of solid. F. G. Maries. 1,452,086; Apr. 17.
Plastic material, Heated mold for. C. F. Burroughs. 1,450,481; Apr. 3.
Plastic material, Machine for molding articles from. F. W. McArdle. 1,455,634; May 15.
Plastic material, Mixing or masticating heavy. D. R. Bowen and C. F. Schnuck. 1,460,938; July 3.
Plastic material or concrete for paving and other purposes, Transporting. R. C. Stubbs. 1,450,760; Apr. 3.
Plastic material, Relief and transparency of. F. J. Sonnekes. 1,474,561; Nov. 20.
Plastic materials, Corrugating or like treatment of sheet. W. Pattison. 1,450,222; Apr. 3.
Plastic materials, farinaceous paste, and the like, Process and apparatus for measuring the elastic properties of. M. Chopin. 1,468,900; Sept. 25.
Plastic materials, Machine and process for manufacturing articles from. C. R. Nichols. 1,457,185; May 29.
Plastic materials, Machine for injecting. C. Weber. 1,478,865; Dec. 25.
Plastic materials, Making articles of varicolored. H. N. Michaelsen. 1,454,939; May 15.
Plastic materials, Producing vulcanitelike. P. Balke and G. Leysieffer. 1,468,222; Sept. 18.
Plastic molding, Hot die for. E. M. Winter. 1,469,747; Oct. 2.
Plastic, or semiplastic, or similar materials, Forming and form-retaining means for. W. Kleeman. 1,453,071 Apr. 24.
Plastic structures and apparatus for use in same, Molding. G. A. Bonelli. 1,455,039; May 15.
Plastic substances, Apparatus for molding. R. H. S. Abbott and J. B. Close. 1,460,933; July 3.
Plastic substances, Heating iron for melting. H. F. Lame. 1,449,517; Mar. 27.
Plastic substances, Machine for compressing or molding. A. W. Sizer. 1,467,883; Sept. 11.
Plate, Anchor. J. R. Calderon. 1,466,158–9; Aug. 28.
Plate and like metal and blank therefor, Rolling. B. Goldsmith. 1,464,929; Aug. 14.
Plate clamp. L. A. Schmidt. 1,450,609; Apr. 3.
Plate, Chafing. W. L. Tedford. 1,471,425; Oct. 23.
Plate, Cheek. A. H. Weston. 1,474,988; Nov. 20.
Plate, Composite. L. T. Frederick. 1,456,884; May 29.
Plate-feeding mechanism. C. A. Kloman. 1,461,358; July 10.
Plate-feeding mechanism, Deflector for. E. C. Pool. 1,448,716; Mar. 13.
Plate-feeding mechanism, Separator for automatic. E. C. Pool. 1,448,714; Mar. 13.
Plate, Flush wall receptacle. W. R. Keavaney. 1,455,399; May 15.
Plate holding and guiding apparatus. T. F. Kelley. 1,450,744; Apr. 3.
Plate-holding frame for bosh. J. Longo. 1,469,323; Oct. 2.
Plate, Hot. L. D. Hubbard. 1,465,133; Aug. 14.
Plate or pan handling utensil. J. H. McDonald. 1,472,926; Nov. 6.
Plate or similar article. E. M. Bottome. Des. 62,688–90; July 24.
Plate or similar article. W. De Ville. Des. 62,546–50; June 19.
Plate or similar article. W. S. Ensign. Des. 62,273; May 1.
Plate or similar article. W. H. Fick. Des. 63,131–2; Oct. 16.
Plate or similar article. W. D. Haviland. Des. 61,782; Jan. 9.
Plate or similar article. W. D. Haviland. Des. 62,774–5; July 31.
Plate or similar article. P. N. Leyland. Des. 63,476; Dec. 11.
Plate or similar article. P. Jenner. Des. 62,147; Mar. 27.
Plate or similar article. P. Jenner. Des. 62,170; Apr. 3.
Plate or similar article. P. Jenner. Des. 62,728–30; July 24.
Plate or similar article. C. A. May. Des. 62,090; Mar. 13.
Plate or similar article. C. A. May. Des. 62,208; Apr. 10.
Plate or similar article. W. S. Pitcairn. Des. 63,656; Dec. 25.
Plate or similar article. E. J. Ridgway. Des. 62,035; Mar. 6.
Plate or similar article. R. Stuart. Des. 62,750; July 24.
Plate or similar article of manufacture. M. H. Connor. Des. 63,217–8; Nov. 6.
Plate-punching machine. O. A. Johnson. 1,458,417; June 12.
Plate, Striker. S. D. Butterworth. 1,463,384; July 31.
Plate, tray, platter, or similar article, Sandwich. G. E. Ball. Des. 61,990; Feb. 27.
Platens, Actuating means for machine. C. M. Conradson. 1,459,720; June 26.
Plates, Frame for supporting transparent. A. Wolff. 1,455,373; May 15.
Plates, Making cross-veneered wooden. E. Johansson. 1,444,611; Feb. 6.
Plates of metal and other material, Drying apparatus for. C. Wagner and A. Hormel. 1,467,211; Sept. 4.
Plates of metal and other material, Drying apparatus for. C. Wagner and A. Hormel. 1,468,181; Sept. 18.
Plates or removable bridges, Attachment for partial. C. C. Baker. 1,473,661; Nov. 13.
Plates, Tail-cutting device for tubular. H. A. W. Wood. 1,454,006; May 1.
Plates to be etched, Means for baking powder to. W. J. Logan. 1,458,583; June 12.
Plating half-rotary feed guide. N. H. Seymour. 1,461,684; July 10.
Plating machine. W. Dietzel. 1,466,582; Aug. 28.
Plating machine, Jeweler's. F. A. and S. W. Howe. 1,449,004; Mar. 20.
Plating wooden articles. F. Hackmann. 1,440,678; Jan. 2.
Platform. E. Tomlinson and R. T. Gifford. 1,454,416; May 8.
Platform, Adjustable. J. Ferrero. 1,474,249; Nov. 13.
Platform, Cast-steel. H. L. Ingersoll. 1,456,802; May 29.
Platform elevator. A. D. Heyl. 1,473,231; Nov. 6.
Platform mechanism, Safety. F. Hedley and J. S. Doyle. 1,443,129; Jan. 23.
Platform, Movable unloading. H. Arnstein and C. M. Mardel. 1,459,080; June 19.
Platforms, Device for driving the bands of rolling. L. D. A. Casalonga and G. Miot. 1,461,476; July 10.
Platforms without interruption of continuity, Joints extensible and retractable in all directions for movable. H. Mangin. 1,475,077; Nov. 20.
Platinum anode for production of persalts, Reenforced. O. Liebknecht. 1,470,577; Oct. 9.
Platinum from platiniferous materials, Process of and apparatus for separating. E. Slatineanu. 1,467,202; Sept. 4.
Playblock. S. G. Goss. 1,465,637; Aug. 31.
Plays and the like, Method of and apparatus for presenting. E. A. Wellman. 1,449,076; Mar. 20.
Pliers. C. O. Anderson. 1,468,252; Sept. 18.

Alphabetical list of inventions—Continued.

Pliers. R. Buker. 1,459,612; June 19.
Pliers. R. W. Conard. 1,453,863; May 1.
Pliers. J. Dondero. 1,475,569; Nov. 27.
Pliers. W. S. Duwelius. 1,442,135; Jan. 16.
Pliers. V. Jacoby. 1,474,592; Nov. 20.
Pliers. E. A. Kauffman. 1,469,306; Oct. 2.
Pliers. W. H. S. Moore. 1,442,170; Jan. 16
Pliers. E. Schorrath. 1,471,531; Oct. 23.
Pliers. A. P. Teselsky. 1,450,875; Apr. 3.
Pliers and chain tightener. Combined. J. L. Hall. 1,473,851; Nov. 13.
Pliers, Combination. F. J. Keating. 1,452,642; Apr. 24.
Pliers, Radiator-pipe. F. L. Looke. 1,442,486; Jan. 16.
Pliers, Cotter-pin-extracting. J. O. Wright. 1,463,645; July 31.
Pliers, Distance-operated cutting. P. Seccamani. 1,455,671; May 15.
Pliers, Locking. L. E. Hart. 1,458,292; June 12.
Pliers, Safety. S. W. Tener. 1,444,044; Feb. 6.
Pliers with adjustable gap, Parallel-jaw. H. H. Mathis. 1,475,642; Nov. 27.
Plow. C. R. Bouldin. 1,460,013; June 26.
Plow. E. Grimsrud. 1,443,124; Jan. 23.
Plow. J. E. McNeil. 1,472,728; Oct. 30.
Plow. A. Mészáros. 1,475,710; Nov. 27.
Plow. W. S. Nichols. 1,444,354; Feb. 6.
Plow. F. H. Raaz. 1,471,706; Oct. 23.
Plow. P. A. Reinhold. 1,474,291; Nov. 13.
Plow. J. P. Seaholm. 1,449,556; Mar. 27.
Plow. F. W. A. Techmer. 1,444,283; Feb. 6.
Plow. S. B. Williams. 1,449,963; Mar. 27.
Plow. J. C. Wood. 1,477,022; Dec. 11.
Plow adjustment lever, Tractor-. E. H. Carlson. 1,468,194; Sept. 18.
Plow and planter, Combined. A. D. Gallagher. 1,453,553; May 1.
Plow, Antiside-draft. P. Hansmann and H. Strack. 1,462,135; July 17.
Plow blade. G. B. Gwynes. 1,473,229; Nov. 6.
Plowbrace. H. C. Welker. 1,451,560; Apr. 10.
Plow clevis. W. E. Ballard. 1,444,824; Feb. 13.
Plow, Combination tractor. P. Bass. 1,447,273; Mar. 6.
Plow, Disk. E. Thwaits. 1,444,284; Feb. 6.
Plow-disk mounting. F. L. Dreehouse. 1,442,655; Jan. 16.
Plowdisk-sharpening machine. C. T. Grove. 1,457,159; May 29.
Plow-depth-adjusting device. K. S. Gingerick. 1,450,417; Apr. 3.
Plow, Double. J. S. Rogers. 1,470,879; Oct. 16.
Plow, Drain. L. Rinehart. 1,457,271; May 29.
Plow fender. R. M. Anderson. 1,450,828; Apr. 3.
Plow for planting potatoes. W. Hartenstein. 1,452,912; Apr. 24.
Plowfoot adjuster. L. A. Pannell. 1,456,647; May 29.
Plow frame. R. C. Caughey. 1,464,199; Aug. 7.
Plow, Gang. C. P. Lee. 1,476,823; Dec. 11.
Plow, Gang disk. S. D. Walton. 1,455,687; May 15.
Plow, Hand motor. R. Venzlaff. 1,473,129; Nov. 6.
Plow hitch. W. S. Cothran. 1,475,799; Nov. 27.
Plow hitch. J. Wansing. 1,471,297; Oct. 16.
Plowlift. H. G. Knapp. 1,452,744; Apr. 24.
Plow, Lister. C. G. Strandlund. 1,476,736; Dec. 11.
Plow, Motor. F. Kec. 1,473,630; Nov. 13.
Plow, Motor. S. V. V. Prince. 1,450,385; Apr. 3.
Plow, Motor-driven. P. R. McCrary. 1,471,180; Oct. 16.
Plow, Multiple-gang power-lift. W. S. Graham and J. L. Hipple. 1,446,118; Feb. 20.
Plow or cultivator, Walking. J. G. Lundy. 1,474,637; Nov. 20.
Plow or other agricultural implement, Power-operated. J. Malonyay. 1,458,661; June 12.
Plow or soil cutter, Rotary. P. G. Tideman. 1,448,579; Mar. 13.
Plow or the like, Colter. B. W. Lundgren. 1,444,974; Feb. 13.
Plowpoint. C. H. Kugler. 1,450,042; Mar. 27.
Plow, Power-lift. A. C. Lindgren. 1,440,924; Jan. 2.
Plow safety hitch. A. B. Hulsebos and G. Den Besten. 1,440,780; Jan. 2.
Plow scraper and cleaner. J. M. Dean. 1,473,143; Nov. 6.
Plow scraper, Flexible disk-. A. C. Lindgren. 1,474,906; Nov. 20.
Plowshare. O. Brown. 1,475,743; Nov. 27.
Plowshare. E. J. Lowry. 1,447,218; Mar. 6.
Plowshare. O. Peterson. 1,447,883; Mar. 6.
Plow, Sod-cutting. J. F. Weber. 1,463,106; July 24.
Plow, Sulky. A. C. Lindgren. 1,452,301; Apr. 17.
Plow, Tractor. L. A. Kaupke. 1,441,356; Jan. 9.
Plow, Tractor. J. H. Taylor. 1,476,738; Dec. 11.
Plow, Tractor. J. S. Witter. 1,441,773; Jan. 9.
Plows, Attachment for tractor. B. T. Wilson. 1,442,504; Jan. 16.
Plows, Brace for tractor. B. T. Wilson. 1,442,505; Jan. 16.
Plows, Potato-planting attachment for. O. Hallingstad. 1,448,661; Mar. 13.
Plows, Power lift for. J. Boda. 1,472,627; Oct. 30.
Plows, Power lift for tractor. A. W. Reynolds. 1,450,754; Apr. 3.
Plows, Power-lift mechanism for. H. E. Altgelt. 1,453,537; May 1.
Plows, Subsoiler attachment for. F. M. Dyke. 1,461,113; July 10.
Plow, Wheel. W. H. Silver. 1,463,376; July 31.
Plow, Wheel. C. G. Strandlund. 1,463,378–9; July 31.
Plow, Wheeled. H. S. Dickinson. 1,472,637; Oct. 30.
Plow, Wheeled. H. S. Dickinson. 1,472,768; Oct. 30.
Plug. L. Stephens. 1,465,373; Aug. 21.
Plug and installing same, Safety boiler. G. A. Sager. 1,446,812; Feb. 27.
Plug and socket extension unit, Electrical. G. H. Bowen. 1,476,586; Dec. 4.
Plug and socket, Graduated. J. H. Weatherlow and F. W. Seymour. 1,468,183; Sept. 18.
Plug and valve, Combined filler. H. D. Fleming, L. F. Matthews, and E. C. Fleming. 1,472,643; Oct. 30.
Plug, Antifreezing. E. W. Winans. 1,466,219; Aug. 28.
Plug, Automatic ignition. P. V. Ball and R. H. Waller. 1,466,943; Sept. 4.
Plug, Attachment. W. H. Harrington. Des. 62,722; July 24.
Plug, Attachment. S. McClatchie. 1,451,704; Apr. 17.
Plug, Attachment. R. B. Wolcott. 1,440,651; Jan. 2.
Plug, Barrel. B. F. Woods. 1,466,981; Sept. 4.
Plug, Bonding. N. K. Bowman. 1,449,727; Mar. 27.
Plug cock and lubricating means therefor. J. C. Martin, jr. 1,456,326; May 22.
Plug, Connecting. W. E. Riecken. 1,456,516; May 29.
Plug, Connection. W. E. Price. 1,454,858; May 15.
Plug, Electrical double-pole switching. H. C. Sanders. 1,468,577; Sept. 18.
Plug filling, Jordan-. E. A. Strattman. 1,467,207; Sept. 4.
Plug for water tube boilers, Safety. R. Hodgson. 1,452,047; Apr. 17.
Plug, Gauge. C. E. Myers. 1,450,185; Apr. 3.
Plug gauge. E. G. Strong. 1,469,343; Oct. 2.
Plug, Grease. J. H. Becker. 1,449,934; Mar. 27.
Plug holder. E. J. Strout. 1,457,234; May 29.
Plug in switch device. C. C. Farmer. 1,464,979; Aug. 14.
Plug-locking device. G. S. Collins. 1,474,239; Nov. 13.
Plug-receiving wall outlet. W. S. Mayer. 1,453,590; May 1.
Plug receptacle. C. H. Bissell. 1,470,956; Oct. 16.
Plug receptacle. C. H. Bissell. 1,474,758; Nov. 20.
Plug receptacle. C. H. Bissell. 1,475,678; Nov. 27.
Plug receptacles, Cover plate for. W. L. Babcock. 1,467,261; Sept. 4.
Plug, Sparking. E. Pethoud. 1,450,987; Apr. 10.
Plug switch. B. Raettig. 1,467,011; Sept. 4.
Plug, Wash. J. C. Stokes. 1,448,818; Mar. 20.
Plug, Well. J. G. Robinson. 1,448,004; Mar. 13.
Plug wrench, Port-. A. J. Young. 1,478,503; Dec. 25.
Plugs, Installing safety boiler. G. A. Sager. 1,446,813; Feb. 27.
Plugs, Making. F. J. Runser. 1,458,006; June 5.
Plumb and level. H. W. Young. 1,460,741; July 3.
Plumber's clamp. M. Ardner. 1,465,330; Aug. 21.
Plumber's fitting. W. Blackwood. 1,442,998; Jan. 23.
Plumbing apparatus. J. L. Fleming. 1,450,844; Apr. 3.
Plumbing connection. M. J. Smith. 1,460,986; July 3.
Plumbing fixtures, Wall hanger for. J. P. Graham. 1,471,154; Oct. 16.
Plumbing system. J. A. Felton. 1,459,585; June 19.
Plumbing system. P. J. Garvin. 1,458,818; June 12.
Plunger, Adjustable. D. L. Strine. 1,449,791; Mar. 27.
Plunger shoe. J. F. Webb, jr. 1,463,105; July 24.
Ply board or sheet. S. E. Saunders. 1,444,482; Feb. 6.
Ply wood. O. P. Cadmus. 1,441,061; Jan. 2.
Ply-wood wheel. W. L. Carnegie. 1,473,669; Nov. 13.
Pneumatic action. A. P. Gustafson. 1,449,992; Mar. 27.
Pneumatic action. A. P. Gustafson. 1,451,980; Apr. 17.
Pneumatic action. A. P. Gustafson. 1,468,361; Sept. 18.
Pneumatic brake. E. W. McDaniel. 1,449,522; Mar. 27.
Pneumatic brake. I. Drolshammer. 1,462,229; July 17.
Pneumatic brake. A. and H. Scheuer. 1,456,578; May 29.
Pneumatic control. H. M. Salyer. 1,472,027; Oct. 23.
Pneumatic-dispatch systems, Carrier-spacing device for. W. J. Hepperle. 1,454,169; May 8.
Pneumatic-dispatch-tubing systems, Carrier for. J. T. Needham. 1,455,547; May 15.
Pneumatic drill. W. Mable. 1,457,181; May 29.
Pneumatic jack. R. Bernat. 1,454,010; May 1.
Pneumatic jack. W. F. Kelly. 1,455,841; May 22.
Pneumatic press follower. W. R. Gordon. 1,469,722; Oct. 2.
Pneumatic screen. J. Herman. 1,469,003; Sept. 25.
Pneumatic spring. J. G. Hughes. 1,459,892; June 26.
Pneumatic support. G. Jordahn. 1,461,911; July 17.
Pneumatic system. B. S. Aikman. 1,462,842; July 24.
Pneumatic systems, Governing means for. J. G. Maclaren. 1,443,795; Jan. 30.
Pneumatic tool driven by pulsating air. K. A. T. Berg. 1,458,569; June 12.
Pneumatic tube. M. Rebollar y Plancht. 1,456,567; May 29.
Pneumatic tube, Reenforced ribbed. L. W. Hottel. 1,459,401; June 19.
Pneumatic tube, Reenforced ribbed. L. W. Hottel. 1,473,768; Nov. 13.
Pneumatic wheel. J. Martin. 1,446,197; Feb. 20.
Pneumatic wheel. J. M. C. Semery. 1,470,938; Oct. 16.
Pneumatic wheel, Armored. W. G. Hawkins, V. C. Bloodgood, and J. F. Donnellan. 1,447,979; Mar. 13.

Pocket. A. C. Barrow. 1,457,813; June 5.
Pocket. J. Battista. 1,448,252; Mar. 13.
Pocketbook. E. McGibbon. 1,472,303; Oct. 30.
Pocketbook. R. Malzahn. 1,454,246; May 8.
Pocketbook. S. J. Prokesch. 1,458,952; June 19.
Pocketbook. B. Stember. 1,463,729; July 31.
Pocketbook, Lady's safety. T. L. Monaghan. 1,475,132; Nov. 20.
Pocketbook retainer. S. F. Gilmore. 1,446,293; Feb. 20.
Pocketbooks, etc., Alarm for. G. M. Edwards. 1,465,466; Aug. 21.
Pocket-carried devices, Clip attachment for. A. U. Nelson. 1,478,049; Dec. 18.
Pocket clip. I. M. Goldstein. 1,443,709; Jan. 30.
Pocket for wearing apparel. C. R. Wood. Re15,646; July 10.
Pocket guard. P. Burke. 1,442,602; Jan. 16.
Pocket holder. A. P. Stark. 1,469,120; Sept. 25.
Pocket iron, Inside. H. C. Brubacker. 1,451,813; Apr. 17.
Pocketknife. S. G. Malby. 1,449,618; Mar. 27.
Pocketknife. G. V. Rasmussen. 1,440,793; Jan. 2.
Pocketknife, etc. J. T. Sibley. 1,478,260; Dec. 18.
Pocketknife. F. Vincent. 1,453,897; May 1.
Pocket lighter, Cerium. F. Beck. 1,462,191; July 17.
Pocket lock. H. S. Wood. 1,442,020; Jan. 9.
Pocket lock, Garment. J. C. Bahr. 1,451,196; Apr. 10.
Pocket ornament. R. C. Creech, jr. 1,466,993; Sept. 4.
Pocket, Patch. A. C. Barrow. 1,457,812; June 5.
Pocket, Rule. C. R. Wood. Re15,647; July 10.
Pocket, Safety. W. E. Diehl. 1,466,091; Aug. 28.
Pocket, Safety. J. Stone. 1,454,771; May 8.
Pocket safety device. O. N. Wimberly. 1,458,867; June 12.
Pocket, Safety garment. M. Vilinsky. 1,445,117; Feb. 13.
Pocket, Self-sealing. H. Meyer. 1,478,484; Dec. 25.
Pockets, Rule or tool holder for garment. E. Cindel. 1,466,330; Aug. 28.
Point detector. R. C. Leake. 1,442,685; Jan. 16.
Pointer, Mechanical direction. R. Woelz and S. Reiter. 1,442,760; Jan. 16.
Poison container. S. S. Snyder and G. W. Short. 1,443,287; Jan. 23.
Poison holder for rodents. T. H. Greenway. 1,471,954; Oct. 23.
Poke, Animal. D. Ayers and H. D. Fossett. 1,450,237; Apr. 3.
Poke, Animal. G. A. Bailey. 1,469,492; Oct. 2.
Poke, Animal. A. Beaton. 1,453,334; May 1.
Poke, Animal. H. Brown. 1,455,861; May 22.
Poke, Animal. A. Erickson. 1,454,317; May 8.
Poke, Animal. G. H. Lockert. 1,470,458; Oct. 9.
Poke, Animal. B. F. C. Morris. 1,449,535; Mar. 27.
Poke, Animal. A. J. Reisenauer. 1,457,672; June 5.
Poke, Animal. D. W. Simmons. 1,441,127; Jan. 2.
Poke for restraining stock, Animal. E. W. Wood. 1,450,401; Apr. 3.
Poker chips, Advertising device for. R. P. Polizzi. 1,475,652; Nov. 27.
Polarity indicator. W. Kaisling. 1,441,427; Jan. 9.
Pole-base construction. G. X. Wendling. 1,460,186; June 26.
Pole cleaning and shaving machine. R. Leedom. 1,473,582; Nov. 6.
Pole construction, Metal. A. W. Wright and B. F. Ibach. 1,461,994; July 17.
Pole, Metal. M. Lachman. 1,470,174; Oct. 9.
Pole-puncturing machine. J. E. Lynch and A. R. Sandt. 1,468,484; Sept. 18.
Pole-puncturing machine. M. R. Rawson. 1,440,893; Jan. 2.
Pole-raising apparatus. W. Kimberling. 1,470,377; Oct. 9.
Pole support. J. M. Brand. 1,459,438; June 19.
Poles, Restoring. F. W. Patterson. 1,461,046; July 10.
Polish and making it. W. H. Phelps. 1,445,034; Feb. 13.
Polish, Automobile. G. A. Colette. 1,453,003; Apr. 24.
Polish composition. T. Bailey. 1,473,947; Nov. 13.
Polish for enameled surfaces. W. H. Allen. 1,474,133; Nov. 13.
Polish for varnished, painted, or enameled surfaces. R. Forrester. 1,441,337; Jan. 9.
Polish, Metal. W. A. Ruddell. No. 1,456,151; May 22.
Polish-rod adjuster head. S. B. Sargent. 1,476,469; Dec. 4.
Polish-rod clamp. H. B. Lefler. 1,460,256; June 26.
Polish rods and the like, Grip for. S. B. Sargent. 1,476,468; Dec. 4.
Polish, Shoe. J. H. T. Olsen. 1,452,614; Apr. 24.
Polisher, Pivot. C. Culman. 1,448,794; Mar. 20.
Polishing and grinding machine. C. L. Hawes. 1,440,386; Jan. 2.
Polishing and grinding machine. C. L. Hawes. 1,450,853; Apr. 3.
Polishing composition. A. C. Houseworth. 1,459,056; June 19.
Polishing composition. F. F. Kuhn. 1,457,080; May 29.
Polishing composition. J. Rigney. 1,445,557; Feb. 13.
Polishing machine. G. A. Carlson. 1,477,426; Dec. 11.
Polishing machine. F. A. Marcello. 1,461,708; July 10.
Polishing machine. A. Orlando. 1,452,926; Apr. 24.
Polishing machine. E. F. Ries. 1,471,281; Oct. 16.
Polishing machine. W. Taylor. 1,467,577; Sept. 11.
Polishing machine, Glass-. W. C. Walker. 1,444,225; Feb. 6.
Polishing machine, Knife-. J. S. Black. 1,459,085; June 19.
Polishing outfit, Shoe-. J. F. De Barry. 1,443,216; Jan. 23.
Polishing rouge. P. J. Hess. 1,446,181; Feb. 20.
Polishing wheel. T. S. Hose. 1,470,740; Oct. 16.
Polycycle. M. G. Hilpert. 1,443,130; Jan. 23.
Polygraph. C. E. Dressler. 1,472,016; Oct. 23.
Polyhedral laminated articles, Manufacture of. G. C. Snyder. 1,466,034; Aug. 28.
Pompon. A. Bentkamp. 1,475,784; Nov. 27.
Pontoon-supporting derrick. C. L. Lonsinger. 1,470,459; Oct. 9.
Pool-ball rack. H. A. Luplow. 1,444,318; Feb. 6.
Pool table. W. J. King. 1,443,266; Jan. 23.
Pool-table register. C. Absmeier. 1,460,527; July 3.
Pool tables, Register for. P. T. Griffin. 1,456,795; May 29.
Pop-corn machine. J. I. Holcomb and J. F. Hoke, jr. 1,477,704; Dec. 18.
Pop-corn machine. J. Marfisi. 1,449,687; Mar. 27.
Popgun. C. F. Lefever. 1,466,131; Aug. 28.
Porcelain. C. C. Treischel. 1,462,396; July 17.
Porcelain veneer crown and making same. F. W. Teeter. 1,444,436; Feb. 6.
Pork holding and splitting device. C. Flick. 1,466,429; Aug. 28.
Porous material, Producing homogeneous. M. O. Sem. 1,458,858; June 12.
Porous substances, Distilling materials in contact with. B. Gallsworthy. 1,477,642; Dec. 18.
Portable drier. F. H. Cummer. 1,473,697; Nov. 13.
Portable drill. J. H. Buterbaugh. 1,470,143; Oct. 9.
Portable elevator. E. N. Hescock. 1,451,773; Apr. 17.
Portable elevator. S. Mills. 1,445,406; Feb. 13.
Portable elevator. W. B. Pavey. 1,458,195; June 12.
Portable handle. C. Haarberg. 1,448,999; Mar. 20.
Portable heater. C. M. and E. M. Johnson. 1,458,656; June 12.
Portable jack. J. S. Townsend. 1,477,790; Dec. 18.
Portable table. A. A. Hartman and W. C. Schwarzbach. 1,462,856; July 24.
Portable table, Folding. E. O. Roberts and R. F. Dotsch. 1,456,573; May 29.
Portal construction, Insectproof. M. R. Hutchison. 1,477,497; Dec. 11.
Portal, Insectproof. M. R. Hutchison. 1,477,496; Dec. 11.
Portfolio for children, Amusement. M. Shepard. 1,440,936; Jan. 2.
Portfolio handle. C. W. Conover. 1,446,035; Feb. 20.
Portholes of ships, or other openings, Locking device for covers of. J. H. Clarke. 1,453,919; May 1.
Portière A. Paszkiewicz. 1,472,933; Nov. 6.
Port light. J. H. Alexander. 1,449,720; Mar. 27.
Portraits, Apparatus for making moving. J. Harlow. 1,478,278; Dec. 18.
Position indicator. W. B. Schulte. 1,462,664; July 24.
Post: *See*—
Air-tube post.
Auto hitching post.
Binder post.
Binding post.
Clothesline post.
Insulating end post.
Newel post.
Tennis post.
Post. H. Neuhaus. 1,475,857; Nov. 27.
Post and cover clamp and seal. W. E. Gossling. 1,453,791; May 1.
Post, Metal. A. D. Jones. 1,470,367; Oct. 9.
Post puller. P. C. Madsen. 1,452,205; Apr. 17.
Postage-marking machine, Register for. A. H. Pitney and J. W. Ogden. 1,461,934; July 17.
Postage meter and mail-marking machine. A. H. Pitney. Re15,734; Dec. 18.
Postage on goods to be mailed, Apparatus for printing the. L. A. Bodler, F. Kummer, and F. Pauli. 1,446,152; Feb. 20.
Posthole digger. F. A. Yezek. 1,464,231; Aug. 7.
Posthole-digging outfit. F. L. Crinella. 1,464,353; Aug. 7.
Postholes, Device for digging. O. Gilbert. 1,442,883; Jan. 23.
Posting, Ledger holder for. P. H. Mallinckrodt. 1,446,624; Feb. 27.
Postmarking and stamp-canceling machine. W. H. Bowes. 1,470,231; Oct. 9.
Postmarking and stamp-canceling machines, Yieldable support for rollers of. W. H. Bowes. 1,453,783; May 1.
Post-office-box door. G. F. Steele, jr. Des. 62,425; May 22.
Post-office-drawer front. G. F. Steele, jr. Des. 62,426; May 22.
Posts, flagstaffs, and the like, Base for. J. Mühlow. 1,463,715; July 31.
Posts, Making binding. O. A. Smith. 1,440,802; Jan. 2.
Posts, Making binding. O. A. Smith. 1,440,843; Jan. 2.
Posts, Mold for concrete. N. F. and C. L. Howard. 1,472,596; Oct. 30.

Pot: *See*—
Fire pot. Solder pot.
Glass-melting pot. Tea and coffee pot.
Melting pot.
Pot protector. J. V. Jewell. 1,446,349; Feb. 20.
Potash from distillery waste by burning the same, Apparatus for obtaining. C. Haner, jr. 1,444,833; Feb. 13.
Potash recovery, Accelerating agent in. H. W. Charlton and R. N. Shreve. 1,452,186; Apr. 17.
Potassium and aluminum from silicates, Recovering soluble compounds of. B. F. Halvorsen. 1,463,508; July 31.
Potassium bicarbonate from potassium-chloride solution, Electrolytic production of R. Suchy. 1,477,086; Dec. 11.
Potassium compound in connection with cement manufacture, Recovering. E. Anderson. 1,465,834; Aug. 21.
Potassium compounds, Extraction of. W. Glaeser. 1,469,507; Oct. 2.
Potassium compounds in the manufacture of cement, Obtaining soluble. F. W. Huber. 1,453,797; May 1.
Potassium compounds, Obtaining water-soluble. R. D. Cheesman and R. C. Haff. 1,465,811–2; Aug. 21.
Potassium from brines, Recovery. C. E. Dolbear. 1,466,352; Aug. 28.
Potassium phosphate, Commercial preparation of. W. H. Ross and W. Hazen. 1,456,831; May 29.
Potassium sulphate, Production of. C. Horst. 1,446,185; Feb. 20.
Potato-bug and aphis exterminator. F. W. Bender. 1,457,420; June 5.
Potato-curing apparatus, Sweet-. H. T. Lyttleton. 1,450,979; Apr. 10.
Potato cutter. J. A. Canfield. 1,475,276; Nov. 27.
Potato cutter. R. H. A. Holler. 1,474,717; Nov. 20.
Potato cutter. J. Ridpath. 1,445,555; Feb. 13.
Potato cutter. W. A. Schoenborn. 1,443,281; Jan. 23.
Potato cutter, Seed-. V. A. Garrett and M. W. Abts. 1,441,844; Jan. 9.
Potato-cutting machine. H. L. Beucler. 1,449,260; Mar. 20.
Potato-cutting machine. E. Goranson. 1,465,981; Aug. 28.
Potato digger. W. C. Fritz. 1,442,798; Jan. 23.
Potato digger. R. H. Hanks. 1,478,952; Dec. 25.
Potato digger. J. J. and J. R. Kovar. 1,454,175; May 8.
Potato digger. J. R. Jannelle. 1,472,300; Oct. 30.
Potato digger. A. J. and E. H. Raasch and H. A. Olsen. 1,461,935; July 17.
Potato digger. J. W. Scott. 1,441,949; Jan. 9.
Potato digger. L. E. Waterman. 1,477,676; Dec. 18.
Potato digger and bean harvester. M. L. Swayze. 1,449,306; Mar. 20.
Potato fork. W. Touke. 1,458,910; June 12.
Potato-frying device. T. E. Combest. 1,470,521; Oct. 9.
Potato grader. M. B. Tabor. 1,458,085; June 5.
Potato masher. R. D. Roderick. 1,443,649; Jan. 30.
Potato masher and beater, Combined. R. W. Roberts. 1,447,432; Mar. 6.
Potato peeler. R. D. Maine. 1,444,975; Feb. 13.
Potato-sorting machine H. A. Nelson. 1,459,854; June 26.
Potatoes and the like, Cleaner for. W. M. McCabe. 1,441,161; Jan. 12.
Potatoes, Apparatus for cleaning and harvesting. J. McLarty. 1,445,336; Feb. 13.
Potential indicator. O. E. Huebner. 1,454,474; May 8.
Potential variations, Method of and means for amplifying. I. Langmuir. 1,468,116; Sept. 18.
Pothanger. W. E. Hielscher. 1,443,022; Jan. 23.
Pottery, etc., Truck for drying. T. H. Rhoads. 1,472,676; Oct. 30.
Pottery-forming machine. M. Burger. 1,469,378; Oct. 2.
Pouch, Dispensing. J. Peterson. 1,467,009; Sept. 4.
Pouch or package, Dispensing. J. Peterson. 1,478,355; Dec. 18.
Pouch, Seed and poison. J. M. Saladiner. 1,458,854; June 12.
Poultry coop. C. E. Jackson. 1,468,815; Sept. 25.
Poultry crate, Collapsible. A. S. Calhoun. 1,465,114; Aug. 14.
Poultry-dipping machine. C. E. Hedrick. 1,453,674; May 1.
Poultry drinking fountain. O. C. White. 1,465,503; Aug. 21.
Poultry-feeding battery, Demountable. W. J. Stewart. 1,458,736; June 12.
Poultry fountain. J. I. Ammons. 1,445,927; Feb. 20.
Poultry fountain. S. P. Caltrider and P. P. Sauble. 1,460,702; July 3.
Poultry beheader. P. J. Haas. 1,474,711; Nov. 20.
Poultry house. P. R. Lyding. 1,452,746; Apr. 24.
Poultry perch, Verminproof. G. B. Allion. 1,443,333; Jan. 30.
Poultry perch. J. Manchester. 1,469,441; Oct. 2.
Poultry-plant construction. J. M. W. Kitchen. 1,447,476; Mar. 6.
Poultry-plucking device. N. I. De Bie. 1,456,844; May 29.
Poultry, Process and means for plucking. G. W. Atkinson. 1,474,702; Nov. 20.
Poultry roost. D. Bartman. 1,470,799; Oct. 16.
Poultry roost. L. L. Conkey. 1,447,063; Feb. 27.
Poultry roost. J. O. Sabin. 1,443,278; Jan. 23.
Poultry, Vegetable feeder for. W. Wingrove. 1,462,893; July 24.
Poultry waterer, Automatic. C. Harris. 1,446,701; Feb. 27.
Powder and foodstuffs, Container for packed. J. Horan. 1,453,676; May 1.
Powder and rouge container. R. W. Wilson. 1,463,355; July 31.
Powder and similar material, Box for talcum. R. M. Rodriguez. Des. 63,323; Nov. 20.
Powder, Apparatus for distributing. J. F. Lemons. 1,458,424; June 12.
Powder bag. S. Benensohn. 1,468,132; Sept. 18.
Powder box. J. D. McFarland. 1,454,242; May 8.
Powder box. R. W. Oliver. 1,451,955; Apr. 17.
Powder box. L. Root. 1,460,864; July 3.
Powder box and puff. J. M. Foster. 1,464,758; Aug. 14.
Powder box and the like, Talcum. A Zirion y Saravia and R. M. Rodriguez. Des. 62,419; May 22.
Powder box, Face-. W. H. Green. Des. 62,987; Sept. 4.
Powder box, Face-. T. J. Newlyn. Des. 62,434; May 29.
Powder box, Talcum-. J. M. Hothersall. Des. 62,103; Mar. 20.
Powder box, Talcum-. C. Weeks. Des. 62,683; July 17.
Powder-cake holders. T. W. Foster. 1,465,548; Aug. 21.
Powder can, Talcum-. F. J. de S. Coty. Des. 63,395; Dec. 4.
Powder container. J. F. Foley. 1,446,894; Feb. 27.
Powder container or similar receptacle. C. S. Humphrey. Des. 61,783; Jan. 9.
Powder container, Toilet-. T. J. Regan. 1,450,386; Apr. 3.
Powder-developing apparatus. H. F. Schmidt. 1,453,858; May 1.
Powder-dispensing box. J. Loufek. 1,459,784; June 26.
Power drill, Convertible. C. L. Stueber. 1,448,507; Mar. 13.
Powder duster. W. W. Goode. 1,453,102; Apr. 24.
Powder-dusting attachment. E. B. Raley. 1,450,223; Apr. 3.
Powder in automatic packaging machines, Feed for. B. F. Adams. 1,452,585; Apr. 24.
Powder in the form of metallic scales, Manufacture of adhesive metallic. Y. Fujita. 1,444,870; Feb. 13.
Powder-lift drill. H. B. Bozard and C. W. Robinson. 1,452,286; Apr. 17.
Powder puff. M. Brock. 1,462,258–60; July 17.
Powder puff. C. T. Boyd and G. S. Hershey. 1,453,038; Apr. 24.
Powder puff. W. F. Dean. 1,471,145; Oct. 16.
Powder puff. E. G. Giles. 1,444,741; Feb. 6.
Powder puff. J. E. B. Maillard. 1,452,470; Apr. 17.
Powder puff. J. Schmid. 1,457,798; June 5.
Powder puff. T. W. Schramm. 1,465,566; Aug. 21.
Powder puff. J. E. Valentine. 1,465,535; Aug. 21.
Powder puff and cover therefor. M. Brock. 1,462,257; July 17.
Powder-puff holder. V. Guinzburg. 1,471,729; Oct. 23.
Powder receptacle. C. L. Cruver. 1,467,234; Sept. 4.
Powder receptacle, Toilet-. P. K. Williams. Des. 63,015; Sept. 4.
Powder, Smokeless propellant. T. L. Davis. 1,478,892; Dec. 25.
Powder trains, Controlling the burning of time. A. S. Miller. 1,453,718; May 1.
Powdered material or the like, Receptacle for holding. A. Lindenmayer. 1,472,658; Oct. 30.
Powdered material, Process and apparatus for removing a vaporizable substance from. O. E. Merrell. 1,478,526; Dec. 25.
Powders, Producing fine. W. K. Lewis. 1,442,485; Jan. 16.
Power and transmission unit, Combined. C. A. Baer. 1,472,624; Oct. 30.
Power, Belt utilized for transmission of. T. H. Webb. 1,443,061; Jan. 23.
Power brake, Variable-. T. E. Chamon. 1,442,250; Jan. 16.
Power-cylinder construction for motors. G. Parente. 1,440,623; Jan. 2.
Power-driven machines, Mechanism for controlling. P. R. Glass. 1,465,391; Aug. 21.
Power-driven machines, Roller attachment for. W. H. Gailor. 1,458,751; June 12.
Power feed, Automatic throw-out for. D. C. Klausmeyer. 1,474,389; Nov. 13.
Power-generating mechanism. J. F. Thomas. 1,441,135; Jan. 2.
Power-generating system, Electric. A. M. Rossman. 1,456,652; May 29.
Power-generating units, Entrainment mechanism for. J. A. McGrew and J. T. Loree. 1,447,352–3; Mar. 6.
Power generation. J. A. Bishop. 1,456,212; May 22.
Power generator. L. A. Darling. 1,446,084; Feb. 20.
Power head. P. A. Myers. 1,473,861; Nov. 13.
Power head, Rotary. J. G. Dorward. 1,467,145; Sept. 4.
Power jack, Kinetic. F. D. Hoffman and M. A. Rutenber. 1,472,362; Oct. 30.
Power lifts, Clutch mechanism for. H. E. Altgelt. 1,466,202; Aug. 28.
Power loading and unloading device. J. Dyer. 1,444,672; Feb. 6.

Power mechanism, Electric. P. F. Loichot. 1,457,910; June 5.
Power member. H. B. Newhall and E. N. Hescock. 1,468,916; Sept. 25.
Power plane, Electric. H. R. Patterson. 1,475,506; Nov. 27.
Power plant. E. Adamson. 1,462,470; July 24.
Power plant. H. Ebert. 1,456,919; May 29.
Power plant. L. S. Keilholtz. 1,455,790; May 22.
Power plant. W. T. Young. 1,445,381; Feb. 13.
Power-plant systems, Operating. D. S. Jacobus. 1,441,507; Jan. 9.
Power press. A. T. Balch and C. A. Wright. 1,464,963; Aug. 14.
Power press. F. H. Ragan. 1,463,272; July 31.
Power press. S. T. Walkup. 1,454,497; May 8.
Power press. E. W. Zeh. 1,449,849; Mar. 27.
Power presses, Safety device for. A. Piaser. 1,471,350; Oct. 23.
Power presses, Safety mechanism for. M. L. Hunker. 1,466,170; Aug. 28.
Power setworks. J. Walton. 1,440,650; Jan. 2.
Power shovel. E. J. Armstrong. 1,447,332; Mar. 6.
Power stand. R. L. Lee. 1,476,450; Dec. 4.
Power take-off. B. C. Zuhars and H. D. Clarke. 1,449,572; Mar. 27.
Power tile press. E. W. Zeh. 1,456,752; May 29.
Power tool, Portable reciprocating. J. J. Roberts. 1,470,645; Oct. 16.
Power transmission. H. A. Carson. 1,471,589; Oct. 23.
Power transmission. J. L. Creveling. 1,470,961; Oct. 16.
Power transmission. H. M. Gusdorf. 1,442,268; Jan. 16.
Power transmission. H. L. Hamilton. 1,443,472; Jan. 30.
Power transmission. C. Horton. 1,445,216; Feb. 13.
Power transmission. H. J. Murray. 1,476,458; Dec. 4.
Power transmission. J. Reece. 1,461,557; July 10.
Power-transmission and electric braking. P. W. Forsberg. 1,466,584; Aug. 28.
Power transmission and regenerative braking, System and apparatus for. W. S. H. Hamilton and R. D. Krape. 1,471,893; Oct. 23.
Power-transmission apparatus. A. Kimble. 1,453,466; May 1.
Power-transmission apparatus. A. H. Neuland. 1,451,465; Apr. 10.
Power-transmission apparatus. T. S. Patterson. 1,478,294; Dec. 18.
Power-transmission apparatus. J. Reece. 1,461,558; July 10.
Power-transmission apparatus. J. and F. A. Reece. 1,461,559; July 10.
Power-transmission appliance. H. A. Richardson. 1,462,658; July 24.
Power-transmission arrangement. M. E. Thompson. 1,452,327; Apr. 17.
Power-transmission control. E. M. Fraser. 1,476,291; Dec. 4.
Power-transmission control. W. A. Stevens. 1,467,958; Sept. 11.
Power-transmission device. E. R. Borden. 1,469,579; Oct. 2.
Power-transmission device. W. H. Douglas. 1,457,694; June 5.
Power-transmission device. A. J. Karl and B. F. Webb. 1,444,613; Feb. 6.
Power-transmission device. A. J. Karl and B. F. Webb. 1,449,328; Mar. 20.
Power-transmission device. L. Lee. 1,443,026; Jan. 23.
Power-transmission device. J. C. Pratt. 1,458,499; June 12.
Power-transmission device. G. D. Vannest. 1,465,382; Aug. 21.
Power-transmission device. B. F. Seymour. 1,474,095; Nov. 13.
Power-transmission device. L. W. Sheldon. 1,469,700; Oct. 2.
Power transmission, Electrically-controlled. M. Taigman. 1,463,449; July 31.
Power transmission, Flexible. H. J. Murray and W. S. Rugg. 1,457,789; June 5.
Power-transmission jacks, Cooling device for. G. W. Kirkpatrick. 1,450,858; Apr. 3.
Power-transmission mechanism. A. A. Densmore. 1,459,578; June 19.
Power-transmission mechanism. J. E. Gore. 1,447,073; Feb. 27.
Power-transmission mechanism. E. A. Halbleib. 1,441,418; Jan. 9.
Power-transmission mechanism. J. Impellizieri. 1,451,616; Apr. 10.
Power-transmission mechanism. E. E. Roberts. 1,468,401; Sept. 18.
Power-transmission mechanism. B. C. Smith. 1,463,445; July 31.
Power-transmission mechanism. E. A. Thompson. 1,466,214; Aug. 28.
Power-transmission mechanism. W. C. Tyler. 1,470,947; Oct. 16.
Power-transmission mechanism. W. I. Wheeler. 1,459,125; June 19.
Power transmission, Selective. E. J. Kearby. 1,467,274; Sept. 4.
Power transmission, Universal joint for. E. R. Gill. 1,445,272; Feb. 13.
Power transmitting and control mechanism. F. Cox. 1,465,348; Aug. 21.
Power-transmitting apparatus. J. H. Richards. 1,444,273; Feb. 6.
Power-transmitting connections and adapter. F. G. Whittington. 1,466,979; Sept. 4.
Power-transmitting device. T. Reid and N. T. Finlayson. 1,441,528; Jan. 9.
Power-transmitting device. A. E. Thompson. 1,460,622; July 3.
Power-transmitting mechanism. G. M. Ask. 1,453,903; May 1.
Power-transmitting mechanism. G. R. Gehrandt. 1,440,456; Jan. 2.
Power-transmitting mechanism. C. B. Gray. 1,469,143; Sept. 25.
Power-transmitting mechanism. A. C. Keller. 1,472,844; Nov. 6.
Power-transmitting mechanism. L. P. Mooers. 1,476,675; Dec. 4.
Power-transmitting mechanism. G. S. Reynolds. 1,476,766; Dec. 11.
Power-transmitting mechanism. B. F. Webb. 1,452,770; Apr. 24.
Power-transmitting shafts, Speed-adapter joint for. F. G. Whittington. 1,462,675; July 24.
Power traverse and feed mechanism for planers. A. Trosch. 1,471,296; Oct. 16.
Power trip. F. W. Schulte. 1,470,332; Oct. 9.
Power-unit control, Automatic. W. W. Bucher. 1,450,793; Apr. 3.
Power unit, Movable. M. E. Layne. 1,462,708; July 24.
Power vessel, Water-movement. E. P. Larry and D. J. Stein. 1,448,029; Mar. 13.
Power wheel, Wind-. Z. Dominguez. 1,443,912; Jan. 30.
Praying or confessional stand. S. Duca. 1,477,327; Dec. 11.
Precious-metals concentrator. H. F. Snamiska, 1,460,452; July 3.
Precious metals, Extracting. C. C. McBride. 1,447,140; Feb. 27.
Precious metals from fixing solutions used in photography and of regenerating the fixing agent, Recovering the. B. Thomas. 1,446,405; Feb. 20.
Precious metals, Process and apparatus for recovery of. F. A. Beauchamp. 1,451,454; Apr. 10.
Precious, or semiprecious, or synthetic stone, or an imitation thereof, or an article of similar nature. S. Heller. Des. 62,375–86; May 15.
Precious, or semiprecious, or synthetic stone, or an imitation thereof, or an article of similar nature. M. J. Heller. Des. 62,991–2; Sept. 4.
Precision gauge. W. E. Hoke. 1,449,118; Mar. 20.
Precision gauge. W. E. Hoke. 1,472,837; Nov. 6.
Precision instrument. H. P. Milker. 1,453,688; May 1.
Preheater. J. I. Richey. 1,456,572; May 29.
Preheater. R. W. Wiederwax. 1,465,797; Aug. 21.
Preheater and mixer. J. B. MacDonald. 1,466,406; Aug. 28.
Preheating and vaporizing device, Charge. J. O. Anderson and O. P. Peterson. 1,445,194; Feb. 13.
Preheating and vaporizing device, Charge. J. O. Anderson and O. P. Peterson. 1,462,844; July 24.
Preheating device. C. O. Erickson. 1,454,318; May 8.
Preparation, Manufacture of wine-yeast. F. Sauer. 1,444,276; Feb. 6.
Preservative composition. M. G. Weber. 1,443,602; Jan. 30.
Preserving apples. C. Brooks. 1,450,408; Apr. 3.
Preserving food. O. H. Hansen. 1,474,820; Nov. 20.
Preserving food, Means for. F. B. Dallam. 1,447,615; Mar. 6.
Preserving food products. E. Milani. 1,459,232; June 19.

Press: *See*—

Assembling press.
Automatic press.
Baling press.
Box-cover press.
Brick press.
Briquette press.
Briquette-forming press.
Briquetting press.
Cage press.
Cartridge-loading press.
Cheese press.
Constant-pressure press.
Cotton press.
Counterdrop press.
Culinary press.
Die press.
Drawing press.
Drill press.
Extrusion press.
Filter press.
Forging press.
Fruit press.
Fruit-box press.
Hand press.
Hay press.
Heel press.
Hosiery press.
Hydraulic press.
Mandrel and straightening press.
Meat press.
Mechanical press.
Molder's press.
Molding press.
Oil press.
Paper-punching press.
Photographic-printing press.
Power press.
Power tile press.
Printing press.
Punch press.
Rail-straightening press.
Rimming press.
Riveting press.
Rotary printing press.
Salt press.
Seal press.
Stamping press.
Straightening press.
Swaging press.
Tie press.
Tile press.
Tortilla press.
Vulcanizing press.
Wax press.

Alphabetical list of inventions—Continued.

Press. M. H. Ballard. 1,467,297; Sept. 11.
Press. M. H. Ballard. 1,476,680; Dec. 11.
Press. W. J. Brennan. 1,465,539; Aug. 21.
Press. B. N. Clary. 1,463,798; Aug. 7.
Press. O. E. Cook. 1,446,159; Feb. 20.
Press. G. W. Dover and W. S. Glines. 1,447,769; Mar. 6.
Press. C. G. Gladden. 1,441,798; Jan. 9.
Press. A. E. Hudson. 1,458,187; June 12.
Press. C. W. Irwin and N. V. D. Brock. 1,471,608; Oct. 23.
Press. P. Jardine. 1,465,922; Aug. 21.
Press. C. Kehr. 1,463,895-6; Aug. 7.
Press. W .B. King. 1,442,809; Jan. 23.
Press. W. Klocke. 1,458,709; June 12.
Press. H. C. Lewis. 1,454,478; May 8.
Press. K. P. Malon. 1,454,128; May 8.
Press. C. A. Meisel. 1,440,787; Jan. 2.
Press. C. D. Melton. 1,478,450; Dec. 25.
Press. L. C. Meyers. 1,466,408; Aug. 28.
Press. H. Osswald. 1,472,810; Nov. 6.
Press. L. E. Peck. 1,457,265; May 29.
Press. J. I. Pogue. 1,455,304; May 15.
Press. F. N. Sanford. 1,466,730; Sept. 4.
Press. F. S. Sherman. 1,442,180; Jan. 16.
Press. F. H. Smith and A. K. Nowak. 1,473,388; Nov. 6.
Press. F. E. Stevenson. 1,456,257; May 22.
Press. A. C. Vowell and W. O. Vowell, sr. 1,448,779; Mar. 20.
Press and using same, Straightening. J. H. Staley. 1,461,463; July 10.
Pressboard, Binder's. E. W. Palmer. 1,456,189; May 22.
Press feeders, Separator foot for. J. G. Dixon. 1,456,225; May 22.
Press for stamping flanged end plates and the like. K. Böhle. 1,446,373; Feb. 20.
Press guard. E. De Maecker. 1,444,336; Feb. 6.
Press guard. G. E. Worth. Re15,559; Mar. 6.
Press having spring-pressed blank holder. W. Klocke. 1,466,908; Sept. 4.
Press having spring-pressed blank holders. W. Klocke. 1,475,437; Nov. 27.
Press mechanism. W. F. Herold. 1,474,473; Nov. 20.
Press or expressing apparatus of the worm-screw type, Oil or like. G. R. Schueler. 1,467,737; Sept. 11.
Press, Rotating or revolving. F. Kilian. 1,442,346; Jan. 16.
Press studs or fasteners, Machine for making. A. Ruzicka. 1,471,420; Oct. 23.
Presser beds, Tension truss for. G. W. Voelker. 1,473,364; Nov. 6.
Presser foot and needle guard, Combined. H. Tyd. 1,468,934; Sept. 25.
Presser-foot mechanism. O. T. Peterson and E. C. Leach. 1,476,101; Dec. 4.
Presser-lifting device. F. W. Merrick. 1,449,771; Mar. 27.
Presser pad. H. Gordon. 1,463,688; July 31.
Presser, Tie. W. H. Atwood. 1,450,831; Apr. 3.
Presses and the like, Feed table for. B. F. Berry. 1,444,776; Feb. 13.
Presses, Attachment for baling. E. Brooks. 1,456,265; May 22.
Presses, Automatic stop device for strip-inserting mechanism of power. C. D. McDonald. 1,472,802; Nov. 6.
Presses, Bed for cylinder. A. F. Osterlind. 1,475,963; Dec. 4.
Presses, Charging of cocoa-butter. W. E. Prescott. 1,451,432; Apr. 10.
Presses, Conveyer for vulcanizing. C. Macbeth and H. Willshaw. 1,465,609; Aug. 21.
Presses, Drop board for drop. B. Allen. 1,455,420; May 15.
Presses, Fastening or locking device for trousers. E. Chambers. 1,473,207; Nov. 6.
Presses, Guard for punch. E. Ischinger. 1,474,366; Nov. 20.
Presses, Impression throw off and on device for traveling-cylinder. P. F. Cox. 1,457,501; June 5.
Presses, Inking attachment for cylinder. T. S. Fitchett and J. I. Haase. 1,446,418; Feb. 20.
Presses, Means for controlling hydraulic. W. F. Mayer. 1,468,605; Sept. 18.
Presses, Means for operating. F. E. Stevenson. 1,456,014; May 22.
Presses, Means for operating hydraulic pullback. W. F. Mayer. 1,468,604; Sept. 18.
Presses, Safety device for. F. J. Gibbons. 1,448,209; Mar. 13.
Presses, Safety device for power. J. F. Duxbury. 1,458,688; June 12.
Presses, Safety guard for. W. M. Johnson. 1,447,987; Mar. 13.
Presses, Semiautomatic table-moving attachment for. F. E. Stevenson. 1,459,757; June 26.
Presses, Sheet guard for platen. A. Danziger. 1,453,064; Apr. 24.
Presses, Slider controller for. F. S. English. 1,466,122; Aug. 28.
Presses, Tramper for cotton. B. C. Woodford. 1,463,186; July 31.
Pressing bow and last. O. Habicht. 1,473,038; Nov. 6.
Pressing device. O. Hauptman. 1,474,833; Nov. 20.
Pressing device. E. Reizenstein. 1,452,095; Apr. 17.
Pressing iron. H. W. Peth. 1,462,355; July 17.
Pressing machine, Garment-. P. N. Braun. 1,465,727; Aug. 21.
Pressing machine, Garment-. C. H. Lewis. 1,469,006; Sept. 25.
Pressing-machine pad. O. E. W. Brunk. 1,452,726; Apr. 24.
Pressing machine, Seam-. J. Denemark. 1,477,547; Dec. 18.
Pressing machine, Seam-. L. J. Van Guelpen. 1,478,149; Dec. 18.
Pressing machine, Seam-. W. Wilkie. 1,455,692; May 15.
Pressing machine, Shirt. C. L. Braley. Re15,728; Dec. 11.
Pressing machine, Steam garment-. J. Dashew. 1,451,292; Apr. 10.
Pressing machines, Cushioning device for. A. E. Snow. 1,465,493; Aug. 21.
Pressing machines, Padding-cover clamp for. W. Colclough. 1,455,108; May 15.
Pressing machines, Supporting means for steam. G. B. Coover and H. A. Bruner. 1,464,260; Aug. 7.
Pressing pad. C. M. Gough. 1,471,891; Oct. 23.
Pressure cap and gauge device, Combined. L. G. Stransky. 1,470,509; Oct. 9.
Pressure control, Automatic. G. A. Brooke, jr. 1,462,164; July 17.
Pressure-control means. H. J. M. Howard. 1,468,109; Sept. 18.
Pressure-controlling device. V. L. Adams. 1,459,666; June 19.
Pressure-controlling device. H. F. Richter. 1,454,409; May 8.
Pressure-controlling devices, Diaphragm for. W. L. Hamilton. 1,447,076; Feb. 27.
Pressure-cooker locks, Safety adjusting means for. J. H. Jacobs. 1,469,070; Sept. 25.
Pressure-distributing structures, Making. A. Kingsbury. 1,465,988; Aug. 28.
Pressure gauge. H. Bacharach. 1,468,854; Sept. 25.
Pressure gauge. J. A. Bowden. 1,473,171; Nov. 6.
Pressure gauge. C. R. Crosno. 1,459,014; June 19.
Pressure gauge. W. A. De Wolfe. 1,476,154; Dec. 4.
Pressure gauge. R. Faries. 1,451,038; Apr. 10.
Pressure gauge. P. M. Gelatt. 1,462,570; July 24.
Pressure gauge. A. E. Guy. 1,468,383; Sept. 18.
Pressure gauge. W. P. Hammond. 1,451,257; Apr. 10.
Pressure gauge. H. P. Kraft. 1,460,249; June 26.
Pressure gauge. A. Landey. 1,471,174; Oct. 16.
Pressure gauge. W. A. Ready. 1,452,126; Apr. 17.
Pressure gauge. M. C. Schweinert and H. P. Kraft. 1,451,307; Apr. 10.
Pressure gauge. K. R. Strandell. 1,461,200; July 10.
Pressure gauge. K. Swanjord. 1,475,252; Nov. 27.
Pressure gauge, Absolute. C. H. Berry. 1,444,099; Feb. 6.
Pressure-gauge connection. A. B. Dräger. 1,463,804; Aug. 7.
Pressure gauge, Differential. H. P. Westcott. 1,457,201; May 29.
Pressure gauze. W. G. Houskeeper. 1,452,274; Apr. 17.
Pressure-indicating and valve-operating mechanism, Combined. G. B. Ireland. 1,464,907; Aug. 14.
Pressure indicator. M. S. Hopkins. 1,462,109; July 17.
Pressure indicator and gauge, Air-. E. C. Miller. 1,451,514; Apr. 10.
Pressure press, Constant-. F. A. Brackett. 1,445,744; Feb. 20.
Pressure-producing mechanism, Pneumatically-assisted. M. Loughead. 1,472,801; Nov. 6.
Pressure regulating and governing apparatus, Combined. J. P. Metzger. 1,472,662; Oct. 30.
Pressure regulator. J. W. Allen. 1,469,871; Oct. 9.
Pressure regulator. J. L. Anderson and S. Plumley. 1,450,236; Apr. 3.
Pressure regulator. B. Bannister. 1,450,783; Apr. 3.
Pressure regulator. I. R. Cowin. 1,453,704; May 1.
Pressure regulator. J. W. Gheen. 1,466,875; Sept. 4.
Pressure regulator. N. H. Kyser. 1,447,729; Mar. 6.
Pressure regulator. M. C. Mayo. 1,474,841; Nov. 20.
Pressure regulator. G. S. Melcher. 1,441,594; Jan. 9.
Pressure regulator. G. S. Melcher. 1,445,341; Feb. 13.
Pressure regulator. J. S. Reynolds. 1,474,164; Nov. 13.
Pressure regulator. E. S. Vincent. 1,451,481; Apr. 10.
Pressure regulator and cut-off. J. B. Morrow. 1,450,893; Apr. 3.
Pressure regulator, High-. C. H. Dockson. 1,459,501; June 19.
Pressure-regulator system. A. L. Harvey and E. M. Bouton. 1,444,914; Feb. 13.
Price-exhibiting device. L. S. Hodgdon. 1,470,609; Oct. 16.
Price indicator. G. B. Clough. 1,453,658; May 1.
Price indicator. H. R. Gottfried. 1,473,035; Nov. 6.
Price marker. G. W. Gilman. 1,442,720; Jan. 16.
Price marker. M. Hopp and M. Levine. 1,458,705; June 12.
Price marker, Adjustable. W. A. Ringler. 1,462,825; July 24.
Price-scale casing. J. D. McGregor. Des. 62,234; Apr. 24.

Prie dieu. C. E. Walker. Des. 62,314; May 1.
Primary battery. E. H. Becker. 1,450,059; Mar. 27.
Primary battery. M. L. Martus. 1,459,512; June 19.
Primary battery. M. L. Martus, J. G. Ross, and E. H. Becker. 1,450,043; Mar. 27.
Prime movers, especially for steam turbines, Safety device for. W. Pape. 1,476,100; Dec. 4.
Primer and carburetor control, Combined Ford. R. T. Woodhead. 1 455,318; May 15.
Primer and gas-saving device, Combined. J. C. Bennett. 1,450,883; Apr. 3.
Primer and making same. W. Friederich. 1,478,429; Dec. 25.
Primer, Heating. H. G. Irwin. 1,454,929; May 15.
Priming composition and producing the same. H. Rathsburg. 1,470,104; Oct. 9.
Priming cup. C. W. Beck. 1,458,610; June 12.
Priming cup. O. A. Smith. 1,440,844; Jan. 2.
Priming device. E. T. Curran. 1,450,490; Apr. 3.
Priming device. C. H. and P. J. Jorgensen. 1,457,033; May 29.
Priming device. W. S. Killam. 1,457,308; June 5.
Priming device. J. W. Le Maire. 1,468,162; Sept. 18.
Priming device. J. W. Le Maire. 1,446,850; Feb. 27.
Priming device. A. R. Mead. 1,463,712; July 31.
Print and making same. J. A. Imhof and J. Charters. 1,447,723; Mar. 6.
Print, Contracted or shortened character for. E. R. Santoni. 1,466,565; Aug. 28.
Printed form, Manifold. A. S. Gilman, C. S. Bennett, and F. W. Kiesling. 1,459,151; June 19.
Printed matter, Means for photographically reproducing. M. Stewien. 1,466,766; Sept. 4.
Printed sheets, Means for and method of applying anti-offset material to freshly-. H. M. Barber. 1,470,344–5; Oct. 9.
Printer's chase. A. C. Evans. 1,477,046; Dec. 11.
Printers' galleys, Correction of type in. T. Burden. 1,461,081; July 10.
Printers. Lining-up machine for. M. W. Cormack. 1,442,860; Jan. 23.
Printer's mechanical quoin. A. G. Worledge and L. Sebright. 1,441,320; Jan. 9.
Printer's quoin. H. H. Hancock. 1,465,984; Aug. 28.
Printer's quoin. S. Stephens. 1,470,297; Oct. 9.
Printing. J. H. Sheffield. 1,456,834; May 29.
Printing and addressing machine. J. S. Duncan. 1,460,711; July 3.
Printing and delivering machine, Ticket. C. N. Wade. 1,443,771; Jan. 30.
Printing and distributing machine, Ticket. J. M. Zweiman. 1,478,159; Dec. 18.
Printing and duplicating. D. Gestetner. 1,456,794; May 29.
Printing and like machines, Sheet-feeding mechanism of. W. Chipperfield. 1,464,200; Aug. 7.
Printing and machine therefor. R. G. Jackson. 1,476,516; Dec. 4.
Printing and relief embossing. H. W. Clark. 1,444,779; Feb. 13.
Printing apparatus. G. J. Evans. 1,447,129; Feb. 27.
Printing apparatus. H. S. and F. C. Jewell. 1,441,808; Jan. 9.
Printing apparatus. L. M. Todd and C. G. Tiefel. 1,454,914; May 15.
Printing both horizontal and perpendicular lines, Apparatus for. E. Rowe. 1,448,677; Mar. 13.
Printing box. F. Smith. 1,449,788; Mar. 27.
Printing cylinder. O. L. Raabe. 1,442,178; Jan. 16.
Printing cylinders, Apparatus for applying sheets to. W. Gamble and M. Owen. 1,478,947; Dec. 25.
Printing, developing, and fixing apparatus. R. J. Frederickson. 1,476,883; Dec. 11.
Printing device. M. J. Hoffman. 1,455,588; May 15.
Printing device. J. P. Jackson 1,453,392; May 1
Printing device. P. O. Moffett. 1,472,307; Oct. 30.
Printing device, Late-news-. E. P. Sheldon. 1,473,650; Nov. 13.
Printing die. G. H. Reoch. 1,470,644; Oct. 16.
Printing form, Flexible. C. Chisholm. 1,451,204; Apr. 10.
Printing, Form-registering box for color. C. A. Betts and C. S. Ott. 1,443,810; Jan. 30.
Printing forms, Producing intaglio-. E. Sauer. 1,464,140; Aug. 7.
Printing frame. T. M. Copeland. 1,448,524; Mar. 13.
Printing frame. D. W. Gray. 1,478,217; Dec. 18.
Printing frame. B. J. Koch. 1,457,578; June 5.
Printing frame. L. T. Thurber. 1,447,444; Mar. 6.
Printing intersecting lines,. Device for. J. Rosenberg. 1,451,475; Apr. 10.
Printing machine. W. M. Bacon. 1,447,333–4; Mar. 6.
Printing machine. G. J. Evans. 1,443,316; Jan. 23.
Printing machine. W. D. Frank and F. M. Case. 1,463,504; July 31.
Printing machine. E. Grosse. 1,466,526; Aug. 28.
Printing machine. E. Grosse. 1,476,072; Dec. 4.
Printing machine. L. E. Morrison. 1,476,829; Dec. 11.
Printing machine, Address-. E. D. Belknap. 1,473,169; Nov. 6.
Printing machine, Address-. C. Chisholm. Re15,589; May 1.
Printing machine, Fabric-. C. H. Masland, 2d. 1,460,206; June 26.
Printing machine, Positive-films-. A. L. V. C. Debrie. 1,463,737; July 31.
Printing machine, Music-roll-. P. J. Meahl. 1,448,696; Mar. 13.
Printing machine, Plate-. R. Sattler. 1,447,433–5; Mar. 6.
Printing-machine register. J. Lewis. 1,455,500; May 15.
Printing machine, Rotary. J. M. Almedia. 1,461,594; July 10.
Printing machine, Type-. C. Kesses. 1,449,680; Mar. 27.
Printing machine, Web-. J. D. Caplinger. 1,474,142; Nov. 13.
Printing machines, Collapsible-tube-coating mechanism for tube-. A. W. Paull and A. L. Edwards. 1,461,761; July 17.
Printing machines, Counting mechanism for. E. P. Sheldon. 1,466,672; Sept. 4.
Printing machines, Delivery mechanism for. C. Chisholm. 1,448,704; Mar. 13.
Printing machines, Inking mechanism for rotary plate-. F. C. Marquardt. 1,468,485; Sept. 18.
Printing machines, Inking mechanism for plate-. L. J. Swaim. 1,469,544; Oct. 2.
Printing machines, Method of and means for preparing cylinders of offset. W. C. Huebner. 1,471,895; Oct. 23.
Printing machines, Platen for. C. A. Kellogg. 1,477,128; Dec. 11.
Printing machines, Sheet-delivery mechanism of. A. V. Bugler and T. E. Delafons. 1,466,949; Sept. 4.
Printing machines, System of control for. J. P. Tarbox. 1,440,567; Jan. 2.
Printing machine, Transfer-. C. N. Wade. 1,471,369; Oct. 23.
Printing machines, Wiping mechanism for rotary plate-. W. H. Voorhis. 1,468,530; Sept. 18.
Printing, Marginal. A. J. Gallien. 1,456,182; May 22.
Printing mask. C. E. Hand. 1,442,723; Jan. 16.
Printing mechanism, Multicolor-. R. Jacobucci. 1,453,465; May 1.
Printing or copying music and the like. Apparatus for. T. Walton. 1,443,107–8; Jan. 23.
Printing plate. F. De Minico. 1,476,803; Dec. 11.
Printing plate and making the same. F. H. Berold. 1,459,669; June 19.
Printing plate and process and composition of matter for forming the same and printing. R. John. 1,453,259; Apr. 24.
Printing-plate blanks and product thereof, Making. J. S. Duncan. 1,453,384; May 1.
Printing plate flexible, Rendering a. H. A. Horr. 1,442,338; Jan. 16.
Printing plate, Marginal. L. A. Schmidt. 1,456,936; May 29.
Printing plate, Molded. E. E. Novotny. 1,442,173; Jan. 16.
Printing plates, Cooling device for curved stereotype. H. A. W. Wood. 1,457,480; June 5.
Printing plates, Fastening device for flexible. S. C. Forrester. 1,464,068; Aug. 7.
Printing plates, Finishing and cooling apparatus for tubular stereotype. H. A. W. Wood. 1,454,007; May 1.
Printing plates, Marginal. L. A. Schmidt. 1,456,518; May 29.
Printing plates, Means for cooling photomechanical. G. H. Benedict. 1,472,454; Oct. 30.
Printing press. W. E. Amberg. 1,456,292; May 22.
Printing press. P. F. Cox. 1,449,214; Mar. 20.
Printing press. P. F. Cox. 1,475,566; Nov. 27.
Printing press. A. Heiner. 1,441,083; Jan. 2.
Printing press. J. Hejl. 1,440,995; Jan. 2.
Printing press. U. Kawasaki. 1,457,034; May 29.
Printing press. C. A. Kellogg. 1,466,303; Aug. 28.
Printing press. W. M. Kelly. 1,452,466; Apr. 17.
Printing press. W. M. Kelly. 1,469,515; Oct. 2.
Printing press. W. H. Long. 1,457,045; Apr. 10.
Printing press. H. B. McBee. 1,453,363; May 1.
Printing press. A. W. Metzner. 1,466,027; Aug. 28.
Printing press. C. G. Pritchard. 1,459,312; June 19.
Printing press. G. Sague. 1,442,098; Jan .16.
Printing press. R. C. Seymour. 1,448,006; Mar. 13.
Printing press. H. J. Schultz. 1,478,488; Dec. 25.
Printing press. R. S. Tyler. 1,457,717; June 5.
Printing-press attachment. A. L. Grammer. 1,449,668; Mar. 27.
Printing press, Cylinder. R. F. Miehle, jr. 1,453,853; May 1.
Printing press, Flat-bed. M. F. Slattery and H. McAlonie. 1,462,250; July 17.
Printing-press form and vibrator rollers, Mounting for. E. F. Dudley. 1,472,433; Oct. 30.
Printing press, Offset. B. D. Stevens, C. Henderson, and W. Saxon. 1,463,562; July 31.
Printing press, Platen. A. Schlesinger. 1,473,649; Nov. 13.
Printing-press receptacle. H. F Hampshire and F B. Cranmer. 1,449,750; Mar. 27.
Printing press, Rotary. A. Terrey. 1,451,721; Apr. 17.
Printing-press tripping appliance. B. D. Stevens. 1,472,442; Oct. 30.
Printing press, Web-. P. F. Cox. 1,449,215; Mar. 20.
Printing presses, Alarm attachment for. W. C. Strole. 1,478,775; Dec. 25.

Printing presses, Attachment for cylinder. R. E. Wright. 1,465,750; Aug. 21.
Printing presses, Automatic impression tripper for. W. C. Chesbro. 1,471,946; Oct. 23.
Printing presses, Chromo roller for. M. G. Murufas. 1,446,429; Feb. 20.
Printing presses, Counterbalanced tape delivery for. J. I. Haase and E. A. Metz. 1,477,441; Dec. 11.
Printing presses, Counting attachment for. J. D. Hunt. 1,472,653; Oct. 30.
Printing presses, Drier for. A. J. Eschenbach. 1,468,289; Sept. 18.
Printing presses, Feeding attachment for. J. Biver and J. S. Kosch. 1,442,997; Jan. 23.
Printing presses, Gauge for. A. and E. Kluge. 1,459,105; June 19.
Printing presses, Inking mechanism for. F. Foster. 1,465,900; Aug. 21.
Printing presses, Inking mechanism for. C. A. Kellogg. 1,452,050–1; Apr. 17.
Printing presses, Laying on and removing device for platen. G. Bornschein. 1,446,379; Feb. 20.
Printing presses, Means for tripping the cylinders of rotary. T. R. G. Parker. 1,466,955; Sept. 4.
Printing presses, Mounting and operating mechanism for reciprocating beds of. B. D. Stevens and E. F. Dudley. 1,463,274; July 31.
Printing presses, Mounting for make-up frames for. H. B. McBee. 1,455,257; May 15.
Printing presses, Paper-feeding mechanism for. A. P. Hart. 1,460,336; June 26.
Printing presses, Pneumatic feeding device for. A. and E. Kluge. 1,472,656; Oct. 30.
Printing presses, Roller-setting apparatus for. G. P. Robinson. 1,470,194; Oct. 9.
Printing, Preventing offset in. A. L. Grammer. 1,445,273; Feb. 13.
Printing purposes, Rolling stamp with counting device for various. H. Komusin, geb. Liedtke. 1,470,928; Oct. 16.
Printing purposes, Rolling stamp with counting mechanism for various. H. Komusin, geb. Liedtke. 1,465,915; Aug. 21.
Printing roller. A. Johnson. 1,461,123; July 10.
Printing roller. T. Regensteiner. 1,461,068; July 10.
Printing rolls, Making pattern-. J. W. McIndoe. 1,454,243; May 8.
Printing safety tints, Making plates for. D. E. Woodhull. 1,457,806; June 5.
Printing-strip holders, Mechanism for making. A. J. Bechtel. 1,468,271; Sept. 18.
Printing surface with a colored emulsion, Making a contact transfer. R. John. 1,453,258; Apr. 24.
Printing surfaces, Manufacturing. J. Freedman. 1,449,979; Mar. 27.
Printing surfaces, Producing. H. C. J. Deeks. 1,477,866; Dec. 18.
Printing-type-composing apparatus. A. Lubac. 1,450,960; Apr. 10.
Printing upon sensitized surfaces, Vacuum frame for. H. C. Jones. 1,478,828; Dec. 25.
Printing vulcanizer. C. B. Haughey. 1,451,611; Apr. 10.
Prints and the like, Frame for framing. J. H. Carlsen. 1,463,150; July 31.
Prints into color prints, Converting silver. W. Lenger. 1,473,568; Nov. 6.
Prints, Producing multicolor. H. Kohl. 1,446,754; Feb. 27.
Prism, Sleevelike refracting. C. F. Jenkins. 1,440,466; Jan. 2.
Prison lock. V. Allen. 1,454,145; May 8.
Producer furnace. G. D. White. 1,440,857; Jan. 2.
Producing porous material. M. O. Sem. 1,471,421; Oct. 23.
Product and package, Ornamental. J. S. Clune. 1,441,266; Jan. 9.
Production process, Means for controlling a. L. Logan. 1,455,795; May 22.
Production processes, Means for controlling. L. Logan. 1,471,342; Oct. 23.
Profile-defining apparatus. E. N. Clark. 1,462,850; July 24.
Profiling machine. H. Grefe. 1,478,334; Dec. 18.
Profiling machine. H. C. Hook. 1,440,603; Jan. 2.
Profiling machine. J. J. Thacher. 1,466,811; Sept. 4.
Projectile. C. Chilowsky. 1,450,579; Apr. 3.
Projectile. J. L. Cox. 1,444,335; Feb. 6.
Projectile. J. C. Daynix. 1,464,032; Aug. 7.
Projectile. L. A. Dunajeff. 1,459,198; June 19.
Projectile. R. A. Hadfield and A. G. M. Jack. 1,475,578; Nov. 27.
Projectile. H. Jacob. 1,465,911; Aug. 21.
Projectile. C. Kaiser. 1,447,023; Feb. 27.
Projectile. R. T. Newton. 1,459,600; June 19.
Projectile. W. P. Porter. 1,454,354; May 15.
Projectile. H. Safford. 1,464,221; Aug. 7.
Projectile. W. J. H. Strong. 1,448,166; Mar. 13.
Projectile and fuse for same, Drop. H. Jacob. 1,466,834; Sept. 4.
Projectile and means to fire the same. E. Ludorf. 1,468,822; Sept. 25.
Projectile, Long-range. T. Lyburis and P. F. Smith. 1,442,080; Jan. 16.
Projectile, Spotting. O. M. Hustvedt and H. J. Nichols. 1,451,395; Apr. 10.
Projectiles, Adjustable-action fuse for. E. Schneider. 1,472,941; Nov. 6.
Projectiles, bands, and the like, Machine for making. A. W. Limont. 1,444,511; Feb. 6.
Projectiles, Cap for armor-piercing. R. A. Hadfield and A. G. M. Jack. 1,448,800; Mar. 20.
Projectiles, Fuse for artillery and aviation. L. E. Remondy. 1,459,075; June 19.
Projecting screen. J. W. Peck, jr. 1,450,864; Apr. 3.
Projection apparatus. M. Frederick. 1,449,663; Mar. 27.
Projection apparatus. R. Whitehead. 1,446,999; Feb. 27.
Projection device. T. H. Marten. 1,461,133; July 10.
Prop or brace. P. Utter and P. W. Schenck. 1,452,329; Apr. 17.
Propeller. G. H. Corporon. 1,477,247; Dec. 11.
Propeller. S. W. Carter. 1,471,590; Oct. 23.
Propeller. I. Higgs. 1,467,725; Sept. 11.
Propeller. T. B. Stewart. 1,467,515; Sept. 11.
Propeller. L. de Monge. 1,460,230; June 26.
Propeller. W. R. McDonald. 1,456,896; May 29.
Propeller. R. Pike. 1,463,441; July 31.
Propeller. E. Voge. 1,461,054; July 10.
Propeller. E. L. Walker. 1,454,356; May 8.
Propeller. W. Dougall. 1,443,013; Jan. 23.
Propeller. J. A. Horne. 1,442,408; Jan. 16.
Propeller. R. C. Jackson. 1,446,011; Feb. 20.
Propeller. E. R. Lochman. 1,447,994; Mar. 13.
Propeller, Adjustable and reversible. S. Heath. 1,447,080; Feb. 27.
Propeller and making the same. L. T. Frederick. 1,467,785; Sept. 11.
Propeller and making the same, Composite. D. A. Dickey. 1,444,959; Feb. 13.
Propeller, Boat. J. D. Park, jr. 1,473,832; Nov. 13.
Propeller, Boat. R. R. Whiting. 1,477,200; Dec. 11.
Propeller brake, Marine. K. Alquist. 1,442,844; Jan. 23.
Propeller, Feathering. J. E. Thomas. 1,450,159; Mar. 27.
Propeller for vessels. B. Icre. 1,471,896; Oct. 23.
Propeller, Marine. G. W. Lawson. 1,455,591; May 15.
Propeller mounting. C. B. Kirkham. 1,445,142; Feb. 13.
Propeller, Multiple-blade helicoidal. M. de Coninck. 1,441,788; Jan. 9.
Propeller nave, Adjustable. E. Wesnick. 1,459,941; June 26.
Propeller reversible blade and wood-retaining ferrule. E. G. McCauley. 1,458,215; June 12.
Propeller safety clutch. A. L. Lockwood. 1,472,077; Oct. 30.
Propeller, Screw. A. Grilli. 1,454,542; May 8.
Propeller shafts, Method of and apparatus for removing and replacing bearing sleeves of. L. Ullman. 1,459,269; June 19.
Propeller, Spiral. J. Taber. 1,458,600; June 12.
Propeller, Variable. M. Schiesari. 1,478,063; Dec. 18.
Propeller, Variable-pitch. S. Heath. 1,446,795; Feb. 27.
Propellers, Control mechanism for. T. A. Dicks. 1,455,431; May 15.
Propellers, Driving mechanism for marine. C. Regenbogen and E. Oehler. 1,465,024; Aug. 14.
Propellers, Manufacture of air. E. L. Müller. 1,456,512; May 29.
Propellers, Method of and apparatus for making. L. T. Frederick. 1,451,541; Apr. 10.
Propellers, Synchronizing control mechanism for reversible pitch. E. G. McCauley. 1,458,214; June 12.
Propelling device, Personal. C. H. Allen and A. C. Henderson. 1,474,952; Nov. 20.
Propionates by the action of bacteria, Purification of. J. M. Sherman and E. O. Whittier. 1,450,392; Apr. 3.
Propionic fermentation, Acceleration of. J. M. Sherman and R. H. Shaw. 1,459,959; June 26.
Propulsion device. L. G. Bostedo. 1,460,051; June 26.
Propylchloride, Producing normal. C. O. Johns and H. E. Buc. 1,440,683; Jan. 2.
Protracting apparatus combined with two computing theodolites, Automatic. R. Hugershoff. 1,467,163; Sept. 4.
Protecting articles from creeping insects, Apparatus for and method of. F. S. Smith. 1,441,606; Jan. 9.
Protective device. C. T. Allcutt. 1,477,303–4; Dec. 11.
Protective device. C. T. Allcutt. 1,477,306–7; Dec. 11.
Protective device. W. T. Booth. 1,462,026; July 17.
Protective device. G. R. Folds. 1,463,945; Aug. 7.
Protective device. H. G. French. 1,450,415; Apr. 3.
Protective device. H. G. French. 1,471,890; Oct. 28.
Protective device. J. F. Joy. 1,471,610; Oct. 23.
Protective device. F. W. Peek, jr. 1,449,694; Mar. 27.
Protective device. E. B. Wedmore. 1,469,127; Sept. 25.
Protective system. W. M. Dann and C. L. Fortescue. 1,467,843; Sept. 11.
Protector strip. J. F. White. 1,444,994; Feb. 13.
Pruning implement. M. Blanc and F. Berger. 1,468,554; Sept. 18.
Psychic instrument. G. C. Haffner. 1,476,158; Dec. 4.
Publication, Periodical. W. J. Kollmorgen and R. L. Zerby. 1,471,489; Oct. 23.
Publicity, Apparatus for movable. H. F. E. S. Dusseris. 1,456,124; May 22.

Puddle balls, Apparatus for conveying and handling. E. L. Ford. 1,467,540; Sept. 11.
Puddle balls from puddling furnaces, Means for delivering. E. L. Ford. 1,467,541; Sept. 11.
Puddling. E. L. Ford. 1,475,762; Nov. 27.
Puddling. H. D. Hibbard. 1,477,348; Dec. 11.
Puddling and apparatus therefor. E. L. Ford. 1,442,934; Jan. 23.
Puddling furnace. H. D. Hibbard. 1,459,533; June 19.
Pull switch. R. B. Benjamin. 1,449,807; Mar. 27.
Puller: *See*—
Bearing-sleeve puller.
Beet puller.
Cotter-pin puller.
Fuse-plug puller.
Gear puller.
Mechanical puller.
Nail puller.
Pipe puller.
Pin puller.
Post puller.
Sleeve puller.
Spike puller.
Steel puller.
Stump puller.
Valve puller.
Valve-cage puller.
Weed puller.
Well capper and puller.
Wheel puller.
Puller implement. G. E. Frisz. 1,475,810; Nov. 27.
Puller machines, Presser roller for. J. R. Moffatt. 1,472,277; Oct. 30.
Pulley. H. N. Atwood. 1,466,869; Sept. 4.
Pulley. L. J. Brulotte. 1,471,097; Oct. 16.
Pulley. M. Lubash. 1,453,400; May 1.
Pulley. W. W. Yale. 1,457,130; May 29.
Pulley and similar construction. W. F. Daggett. 1,455,479; May 15.
Pulley and the like of sheet-metal construction, Divided driving. E. Garside. 1,454,435; May 8.
Pulley attachment. M. A. Jobe. 1,448,963; Mar. 20.
Pulley block. B. E. Barnes. 1,462,630–1; July 24.
Pulley block and bearing. T. K. Wilson. 1,466,980; Sept. 4.
Pulley-block carrier. T. F. Webster. 1,456,346; May 22.
Pulley, Change-speed cone. C. L. Ginty. 1,471,726; Oct. 23.
Pulley, Clothesline. H. Adelmann. 1,476,787; Dec. 11.
Pulley-control mechanism, Selective. A. C. Mason. 1,466,379; Aug. 28.
Pulley, Cross-grooved. M. F. Williams. 1,443,514; Jan. 30.
Pulley, Fan. A. A. Bull. 1,444,302; Feb. 6.
Pulley, Fan. H. Taylor. 1,446,596; Feb. 27.
Pulley, Guide. G. A. Yeaton. 1,443,605; Jan. 30.
Pulley, Metal. H. J. Gilbert. 1,457,071; May 29.
Pulley, Sash. R. H. Bowen. 1,472,765; Oct. 30.
Pulley, Self-aligning. W. C. Smith. 1,454,657; May 8.
Pulley-shield device. F. O'Harrow. 1,451,743; Apr. 17.
Pulley, Split. A. Villeneuve. 1,472,145; Oct. 30.
Pulley, Split belt. H. Wottle. 1,450,880; Apr. 3.
Pulley, Variable-speed. M. E. Levy. 1,441,006; Jan. 2.
Pulley, Ventilated. A. Kimble. 1,443,541; Jan. 30.
Pulley, Wood and other. W. E. Ward and M. J. Barre. 1,463,641; July 31.
Pulleys, Bracket for mounting. G. R. Northrup. 1,477,229; Dec. 11.
Pulleys from shafts, Device for removing. W. S. Weston. 1,476,128; Dec. 4.
Pulleys, gears, etc., Lubricating means for loose. H. F. Gade. 1,477,051; Dec. 11.
Pulleys, levers, or the like, Bracket for. F. H. Gilbody. 1,478,216; Dec. 18.
Pulleys, Lubricating device for. D. Schalk. 1,441,119; Jan. 2.
Pulling and lifting device. J. A. McGintie. 1,444,694; Feb. 6.
Pulling device. E. W. Brautigam. 1,466,784; Sept. 4.
Pulling jack. F. F. Wilson. 1,441,617; Jan. 9.
Pulling machine. J. Martinson. 1,464,721; Aug. 14.
Pulling-over machine. O. Ashton. 1,445,656; Feb. 20.
Pulling-over machine. A. Bates and W. T. Minett. 1,453,263; May 1.
Pulling-over machine. J. Gouldbourn. 1,448,742; Mar. 20.
Pulling-over machine. H. D. Webb. 1,477,859; Dec. 18.
Pulp article. A. Tingle. 1,465,882; Aug. 21.
Pulp bleacher. P. K. Fletcher. 1,466,499; Aug. 28.
Pulp breaker. E. Ellefson. 1,463,942; Aug. 7.
Pulp dehydrator. R. A. North. 1,463,721; July 31.
Pulp gaskets, Extracting water from. W. F. Butler. 1,470,216; Oct. 9.
Pulp-making machine. H. E. Ellis. 1,465,579; Aug. 21.
Pulp, Making waterproof rigid articles from. W. H. and J. J. Drake. 1,456,370; May 22.
Pulp, Method and arrangement for conveying wood. P. C. Schaanning. 1,466,413; Aug. 28.
Pulp mills, Apparatus for controlling grinder stones in. C. L. Henderson. 1,445,883; Feb. 20.
Pulp or other plastic material, Mold and process for forming articles from. S. Cooper. 1,463,575; July 31.
Pulp or pulverized ore and the like, Machine for scouring. E. W. Myers. 1,441,165; Jan. 2.
Pulp, Preparing. C. Bache-Wüg. 1,455,471; May 15.
Pulp-screening device. A. R. Paull. 1,472,934; Nov. 6.
Pulp-screening machines, Water-supplying device for. A. H. Börresen and K. Holter. 1,468,695; Sept. 25.
Pulp-stone-dressing bur. C. B. and F. W. Aikin. 1,476,571; Dec. 4.
Pulp thickener, Slime-. C. Allen. 1,452,016; Apr. 17.
Pulp thickener, Slime-. C. Allen. 1,472,317; Oct. 30.
Pulp, Washing. O. C. Winestock. 1,468,337; Sept. 18.
Pulp washing and condensing apparatus. I. T. Fisk. 1,447,344; Mar. 6.
Pulping machine. A. Holmquist. 1,443,535; Jan. 30.
Pulverizer. A. A. Asplund. 1,473,073; Nov. 6.
Pulverizer. C. A. Kloman. 1,458,486; June 12.
Pulverizer and quack-grass destroyer. A. A. Eich. 1,450,318; Apr. 3.
Pulverizer, Bog. J. R. Keller. 1,450,503; Apr. 3.
Pulverizer, Rock. C. S. Willis. 1,460,008; June 26.
Pulverizer, Rotary. J. J. Denny and R. B. Watson. 1,470,597; Oct. 16.
Pulverizer, Rotary ground. J. Butler. 1,449,584; Mar. 27.
Pulverizer, Soil. V. H. Gorhy. 1,445,506; Feb. 13.
Pulverizing apparatus. J. Aubé. 1,467,913; Sept. 11.
Pulverizing apparatus. O. A. Kreutzberg. 1,478,478; Dec. 25.
Pulverizing apparatus. W. L. McLaughlin. 1,457,084; May 29.
Pulverizing machine. C. A. Dorn. 1,457,693; June 5.
Pulverizing machine. S. C. Martin. 1,472,609; Oct. 30.
Pulverizing machine. H. H. McNaughton. 1,470,177; Oct. 9.
Pulverizing machines, Separation trap for. H. Carll. 1,442,466; Jan. 16.
Pulverizing mill. G. H. Fraser. 1,451,152–3; Apr. 10.
Pulverizing mill. R. E. H. Pomeroy. 1,449,441; Mar. 27.
Pulverizing mill. R. E. H. Pomeroy. 1,451,472; Apr. 10.
Pulverizing mill. R. E. H. Pomeroy. 1,452,218; Apr. 17.
Pulverizing mill. F. H. Wolever. 1,468,893; Sept. 25.
Pulverizing mill, Ball. F. A. Brewer and G. W. Branston. 1,452,786; Apr. 24.
Pulverizing mill, Centrifugal. E. Odam. 1,446,765; Feb. 27.
Pulverous materials, Agglomerating. C. T. Thorssell and O. Troell. 1,466,571; Aug. 28.
Pulverulent material, Apparatus for handling. G. S. Comstock, jr. 1,469,311; Oct. 2.
Pulverulent material, such as artificial manure, Machine for cutting or breaking down masses of. J. D. Laidlaw. 1,469,718; Oct. 2.
Pulverulent materials, Mixing. G. J. J. Clark. 1,445,488; Feb. 13.
Pulverulent or granular material continuously supplied in a controlled stream, Device for distributing. H. Behrens. 1,462,847; July 24.
Pump. C. A. Anderson. 1,474,877; Nov. 20.
Pump. E. J. Baisden. 1,469,140; Sept. 25.
Pump. J. P. Beaupré. 1,468,897; Sept. 25.
Pump. F. C. Berg. 1,453,653; May 1.
Pump. S. C. Brady. 1,464,639; Aug. 14.
Pump. C. F. Brandenberger. 1,442,641; Jan. 16.
Pump. S. E. Burkett. 1,444,728; Feb. 6.
Pump. F. H. Cole. 1,459,360; June 19.
Pump. G. A. Collier. 1,445,003; Feb. 13.
Pump. J. H. Collins. 1,474,317; Nov. 13.
Pump. W. Dickens. 1,476,600; Dec. 4.
Pump. R. O. Dulaney. 1,478,427; Dec. 25.
Pump. G. S. Eder; 1,444,596; Feb. 6.
Pump. M. P. Ferrer. 1,457,220; May 29.
Pump. W. M. Fleming. 1,470,220; Oct. 9.
Pump. A. F. Froussard. 1,472,062; Oct. 30.
Pump. G. C. Garraway. 1,448,486; Mar. 13.
Pump. J. V. Giesler. 1,454,886; May 15.
Pump. J. P. Goodfellow. 1,465,392; Aug. 21.
Pump. J. W. Gurley. 1,472,414; Oct. 30.
Pump. S. E. Hales. 1,468,664; Sept. 25.
Pump. A. J. Hein. 1,474,260; Nov. 13.
Pump. R. Hildebrand. 1,455,788; May 22.
Pump. W. H. Hitchcock. 1,476,888; Dec. 11.
Pump. J. M. Hopwood and B. Bannister. 1,478,228; Dec. 18.
Pump. G. Horvath. 1,446,464; Feb. 27.
Pump. G. A. Humason. 1,474,718; Nov. 20.
Pump. S. E. Huntting. 1,457,368; June 5.
Pump. S. E. Huntting. 1,470,081; Oct. 9.
Pump. L. L. Ingraham. 1,456,694; May 29.
Pump. H. B. Jones. 1,464,135; Aug. 7.
Pump. G. L. Kollberg. 1,450,901; Apr. 3.
Pump. H. E. La Bour. 1,460,160; June 26.
Pump. C. J. Landin. 1,447,669; Mar. 6.
Pump. P. G. MacGregor. 1,442,488; Jan. 16.
Pump. G. B. Maegly. 1,450,215; Apr. 3.
Pump. T. E. Martin. 1,444,880; Feb. 13.
Pump. F. J. Miller. 1,448,856; Mar. 20.
Pump. J. Mohn. 1,460,208; June 26.
Pump. R. Morgan. 1,449,534; Mar. 27.
Pump. C. V. Morse. 1,470,863; Oct. 16.
Pump. C. Mueser. 1,445,844; Feb. 20.
Pump. T. Namura. 1,457,546; June 5.
Pump. C. W. Neupert. 1,469,365; Oct. 2.
Pump. A. R. O'Brien. 1,449,541; Mar. 27.
Pump. M. P. Osbourn. 1,470,099; Oct. 9.
Pump. V. H. Palm. 1,474,439; Nov. 20.
Pump. V. H. Palm. 1,476,020; Dec. 4.
Pump. A. J. Pocock. 1,445,035–6; Feb. 13.
Pump. L. F. Pontbriand. 1,473,737; Nov. 13.
Pump. B. U. Potter and W. M. Fleming. 1,449,443; Mar. 27.
Pump. S. L. Schleppy. 1,445,721; Feb. 20.
Pump. C. A. Sleicher. 1,464,223; Aug. 7.
Pump. T. A. Spiker and J. E. Ayres. 1,452,318; Apr. 17.

Pump. C. H. Spooner. 1,477,462; Dec. 11.
Pump. D. H. Thompson. 1,460,988; July 3.
Pump. W. M. Thompson. 1,478,267; Dec. 18.
Pump. H. C. Thrift. 1,477,300; Dec. 11.
Pump. R. W. Tibbetts. 1,458,204; June 12.
Pump. A. J. Trigwell. 1,459,453; June 19.
Pump. C. A. Waitz. 1,452,579–80; Apr. 24.
Pump. A. J. Welden. 1,460,295; June 26.
Pump. B. C. White. 1,455,035; May 15.
Pump. C. Wirth 1,449,926; Mar 27.
Pump. P. E. Vaughan. 1,472,104; Oct. 30.
Pump. S. L. and L. Wottring. 1,478,417; Dec. 25.
Pump-actuating mechanism. H. F. Frederick. 1,451,691; Apr. 17.
Pump, Air. C. D. Brandt. 1,441,829; Jan. 9.
Pump, Air. W. C. Coleman. 1,447,963; Mar. 13.
Pump, Air. E. J. Hileman. 1,440,680; Jan. 2.
Pump, Air. N. A. Petry. 1,453,178; Apr. 24.
Pump, Air. E. Witman. 1,463,109; July 24.
Pump, Air-power water. J. A. Aebly. 1,453,486; May 1.
Pump and blower set, Electric-driven. B. W. Hurd. 1,446,800; Feb. 27.
Pump and compressor, Fluid. A. G. L. Neighbour. 1,449,538; Mar. 27.
Pump and gauge, Air. C. Millard. 1,455,646; May 15.
Pump, and operating same, Vacuum. L. F. Hoffman. 1,444,121; Feb. 6.
Pump and pump piston. C. H. Hallauer. 1,464,653; Aug. 14.
Pump and regulating the same. L. F. Moody. 1,460,428; July 3.
Pump, Anti-drip. H. and F. C. Harman. 1,452,686; Apr. 24.
Pump attachment, Circulation-. B. D. Gilson. 1,473,287; Nov. 6.
Pump, Automatic fluid-pressure displacement. C. B. Pendleton. 1,473,512; Nov. 6.
Pump barrel. V. Hamilton. 1,475,817; Nov. 27.
Pump, Bilge. H. Hanson. 1,452,378; Apr. 17.
Pump, Centrifugal. H. L. Bell and H. G. Coulson. 1,475,676; Nov. 27.
Pump, Centrifugal. W. D. Carter. 1,456,051; May 22.
Pump, Centrifugal. W. C. Dowd. 1,473,904; Nov. 13.
Pump, Centrifugal. J. W. W. Drysdale. 1,474,708; Nov. 20.
Pump, Centrifugal. P. Hariveau. 1,474,671; Nov. 20.
Pump, Centrifugal. J. K. McIntyre. 1,470,022; Oct. 9.
Pump, Centrifugal. J. D. Noland. 1,456,906; May 29.
Pump, Centrifugal. A. S. Telfer. 1,474,454; Nov. 20.
Pump, Chain. G. Gartling. 1,444,180; Feb. 6.
Pump, Compound compression. F. S. Carver. 1,478,469; Dec. 25.
Pump, Compound hand air-compressing. T. C. Vandeberg. 1,476,858; Dec. 11.
Pump, Compressed-air water. W. S. Hulse. 1,472,839; Nov. 6.
Pump, Compressed-air water-elevating. W. B. Erb. 1,472,968; Nov. 6.
Pump, Compression. E. D. Dunning. 1,474,769; Nov. 20.
Pump, compressor, and motor. J. Baudot. 1,461,998; July 17.
Pump, Condenser and vacuum. B. Skidmore, jr. 1,456,195; May 22.
Pump, Condensing. O. H. Castle. 1,457,427; June 5.
Pump construction. H. C. Clark. 1,450,135; Mar. 27.
Pump construction. A. H. Reed. 1,450,333; Apr. 3.
Pump construction, Well-. G. W. Price and C. F. Zimansky. 1,456,714; May 29.
Pump, Convertible open spout and plunger force. J. C. Gorman. 1,444,872; Feb. 13.
Pump coupling. J. J. O'Brien. 1,478,453; Dec. 25.
Pump coupling. N. R. White. 1,470,209; Oct. 9.
Pump cylinder and valves therefor. H. J. Berry. 1,476,794; Dec. 11.
Pump cylinders, Boring mill for air-. W. Hurst. 1,464,000; Aug. 7.
Pump, Deep-well. W. E. Ellis. 1,476,444; Dec. 4.
Pump, Deep-well. G. L. Fuller. 1,467,370; Sept. 11.
Pump, Deep-well. H. Schwab. 1,450,647; Apr. 3.
Pump, Deep-well. G. E. Willers. 1,448,018; Mar. 13.
Pump, Diaphragm. E. B. Cushman. 1,473,924; Nov. 13.
Pump, Diaphragm. J. C. Gorman, jr. 1,447,074; Feb. 27.
Pump, Dispensing. J. B. Davis. 1,449,217; Mar. 20.
Pump, Dispensing. J. B. Davis. 1,463,310; July 31.
Pump, Dispensing and display. W. S. Townsend and F. E. Douglass. 1,455,235; May 15.
Pump, Displacement. F. Gardner. 1,456,885; May 29.
Pump, Double-acting air. I. T. Eastman. 1,474,665; Nov. 20.
Pump, Double-acting deep-well. R. C. Lego. 1,450,213; Apr. 3.
Pump, Double-acting oil and water. N. Fellabaum. 1,468,199; Sept. 18.
Pump, Double-acting reciprocating. H. E. Danstrup. 1,470,426; Oct. 9.
Pump, Drill-lubricating. J. J. Thacher. 1,469,368; Oct. 2.
Pump driving and balancing mechanism. W. E. Hubbard. 1,465,671; Aug. 21.
Pump, engine, or meter, Rotary. W. H. Utley. 1,442,198; Jan. 16.
Pump, Engine-testing. A. L. Zimmerman. 1,477,796; Dec. 18.
Pump, Fluid. J. Dickens. 1,447,931; Mar. 6.
Pump, Fluid. G. A. Sacchi. 1,464,296; Aug. 7.
Pump for dredging and conveying solids, Centrifugal. D. H. Young. 1,448,174; Mar. 13.
Pump for motor vehicles, Auxiliary. J. G. Vincent. 1,456,201; May 22.
Pump for oil containers, Portable liquid. E. A. Bienenstok. 1,450,406; Apr. 3.
Pump, Force. E. J. Bloom. 1,451,861; Apr. 17.
Pump, Force. E. J. Bloom. 1,470,347; Oct. 9.
Pump, Force. M. W. Tutt. 1,462,308; July 17.
Pump, Fuel. T. W. Kings. 1,443,183; Jan. 23.
Pump, Governing fuel. A. F. Christmas. 1,456,972; May 29.
Pump, Hand. H. H. Marshall. 1,441,730; Jan. 9.
Pump, Hand-operated. A. W. Morse. 1,478,485; Dec. 25.
Pump head, Deepwell-. J. I. Astrom. 1,449,028; Mar. 20.
Pump, High-vacua. R. Berrenberg. 1,476,482; Dec. 4.
Pump, Hydraulic. L. F. Moody. 1,476,210; Dec. 4.
Pump, Irrigation. C. W. Crannell. 1,441,833; Jan. 9.
Pump jack. R. Sperry. 1,447,907; Mar. 6.
Pump jack and speed-reducing mechanism, Combination. C. Holmdahl. 1,471,606; Oct. 23.
Pump, Liquid-circulating. E. F. McDonald, H. Klein, and L. L. Haas. 1,467,331; Sept. 11.
Pump, Lubricant. C. H. Scott. 1,476,227; Dec. 4.
Pump, Lubricating. W. J. Springer and A. C. Picard. 1,458,369; June 12.
Pump mechanism. M. E. Layne and S. N. Hall. 1,469,419; Oct. 2.
Pump mechanism. P. Ostenberg. 1,452,091; Apr. 17.
Pump mechanism. P. Ostenberg. 1,472,338; Oct. 30.
Pump mechanism, Deep-well. S. C. Hanson. 1,445,510; Feb. 13.
Pump, Mercury-vapor jet. H. M. C. Unglaube. 1,465,030; Aug. 14.
Pump, Meter. C. E. Stahl. 1,472,996; Nov. 6.
Pump, Multistage rotary. H. R. Trotter. 1,468,889; Sept. 25.
Pump, Oil. E. Buckingham. 1,470,804; Oct. 16.
Pump, Oil. B. W. Macy. 1,467,441; Sept. 11.
Pump, Oil. V. W. Pagé. 1,456,461; May 22.
Pump oil can, Force-. E. B. Stelter. 1,466,256; Aug. 28.
Pump, Oil-engine scavenging. O. E. Jorgensen. 1,447,514; Mar. 6.
Pump, Oil-well. J. S. Feliz. 1,477,217; Dec. 11.
Pump, Oil-well. A. A. Olsen. 1,451,784; Apr. 17.
Pump, Oil-well. C. E. Wilcox. 1,456,166; May 22.
Pump-operating mechanism. M. N. Freeman. 1,452,968; Apr. 24.
Pump or elevator, Liquid. J. E. L. Ogden. 1,478,792; Dec. 25.
Pump or motor. C. H. Young, jr. 1,446,366; Feb. 20.
Pump or motor, Balanced hydraulic. W. F. Mayer. 1,455,443; May 15.
Pump or motor, Hydraulic. W. F. Mayer. 1,455,753; May 15.
Pump or motor, Rotary. R. N. Trane. 1,442,195; Jan. 16.
Pump or motor, Rotary apparatus operating as. P. Voreaux and R. Babel. 1,451,284; Apr. 10.
Pump or prime mover. F. L. Antisell. 1,471,320; Oct. 23.
Pump or pumping apparatus. G. E. White. 1,449,569; Mar. 27.
Pump pipe lift. R. H. Gibson. 1,473,724; Nov. 13.
Pump piston. A. A. Barton. 1,441,478; Jan. 9.
Pump piston. T. W. Delaney. 1,462,445; July 17.
Pump piston, Air-. W. C. Coleman. 1,447,964; Mar. 13.
Pump pistons and the like, Expansible packing drum for. G. C. Deakins and L. S. Hamer. 1,468,458; Sept. 18.
Pump plunger. E. M. Gant. 1,441,339; Jan. 9.
Pump plunger. T. Gordon. 1,448,624; Mar. 13.
Pump plunger. J. N. Opie, 3d. 1,447,566; Mar. 6.
Pump plunger. C. A. De Rigne. 1,448,263; Mar. 13.
Pump-plunger rotor. S. B. Sargent. 1,462,721; July 24.
Pump, Pneumatic. E. W. Beck. 1,453,904; May 1.
Pump, Pneumatic. H. S. Rogers. 1,473,384; Nov. 6.
Pump, Pneumatic. T. E. Smythe. 1,456,013; May 22.
Pump, Pneumatic. J. L. Wray. 1,462,222; July 17.
Pump, Pneumatic stage. J. E. McDowell. 1,450,505; Apr. 3.
Pump, Power. R. J. Fairchild. 1,452,963; Apr. 24.
Pump, Power. G. C. Myers. 1,472,226; Oct. 30.
Pump-pressure-regulating device, Air. H. Brewer. 1,461,379; July 10.
Pump, Radiating piston. B. F. Johnson. 1,466,230; Aug. 28.
Pump, Reciprocating power air. R. W. Adams. 1,450,345; Apr. 3.
Pump, Reciprocating straight-motion. K. Saeki. 1,448,315; Mar. 13.
Pump, Regulating centrifugal. A. F. Sherzer. 1,465,097; Aug. 14.
Pump, Relay pneumatic. H. S. Rogers. 1,444,087; Feb. 6.
Pump, Rotary. H. O. Jackson. 1,455,252; May 15.
Pump, Rotary. H. O. Jackson. 1,466,904; Sept. 4.
Pump, Rotary. M. C. Mason. 1,467,944; Sept. 11.
Pump, Rotary. F. O. Pearson. 1,445,165; Feb. 13.
Pump, Rotary. W. J. Piatt. 1,444,269; Feb. 6.
Pump, Rotary. G. Rathman. 1,459,552; June 19.

Pump, Rotary. W. F. Rotermund. 1,442,828; Jan. 23.
Pump, Rotary. W. L. Ruttledge. 1,458,361; June 12.
Pump, Rotary. F. C. Smith. 1,466,068; Aug. 28.
Pump, Rotary. B. Thoens. 1,465,881; Aug. 21.
Pump, Rotary. H. A. Weidenbach. 1,471,761; Oct. 23.
Pump, Rotary gear. A. White. 1,460,875; July 3.
Pump-shaft-centering device. C. F. Zimansky. 1,443,516; Jan. 30.
Pump, Sirup. J. B. Fletcher. 1,458,042; June 5.
Pump, Steam. W. Willshaw. 1,453,561; May 1.
Pump, Steam vacuum. W. S. Richardson. 1,449,955; Mar. 27.
Pump system. O. Haentjens. 1,445,507; Feb. 13.
Pump swab. J. Penrod and R. D. Thompson. 1,455,851; May 22.
Pump, Tank. H. F. Benson. 1,444,944; Feb. 13.
Pump, Test-gauge. E. B. Crocker. 1,478,781; Dec. 25.
Pump, Tire. H. Graham. 1,455,584; May 15.
Pump unloader. H. C. Little. 1,446,511; Feb. 27.
Pump, Vacuum. W. G. Houskeeper. 1,461,190; July 10.
Pump, Vacuum. W. G. Houskeeper. 1,471,661–2; Oct. 23.
Pump, Vacuum. A. E. Krick. 1,472,874; Nov. 6.
Pump, Vacuum. H. C. Snook. 1,471,012; Oct. 16.
Pump, Valveless lubricating. O. Hajek and F. Uiberall. 1,478,430; Dec. 25.
Pump, Viscosity. J. E. Noeggerath. 1,448,079; Mar. 13.
Pump, Water. W. Larson. 1,455,626; May 15.
Pump, Water-driven. J. M. Collingwood. 1,455,078; May 15.
Pump, Wave-motor. C. L. Keddy. 1,442,478; Jan. 16.
Pump with priming chamber, Rotary. J. Scheminger, jr. 1,442,787; Jan. 16.
Pump with self-centering runner, Centrifugal. W. R., H. J., and E. M. Woock. 1,473,802; Nov. 13.
Pump with variable output. E. M. Borgo. 1,445,285; Feb. 13.
Pumping apparatus. S. D. Black and A. G. Decker. 1,463,305; July 31.
Pumping apparatus. H. H. Smith. 1,455,153; May 15.
Pumping apparatus. J. H. Vaile and H. F. Boe. 1,442,308; Jan. 16.
Pumping apparatus. Adjuster for well. F. I. Nevill. 1,473,968; Nov. 13.
Pumping apparatus, Wet vacuum. I. C. Jennings. Re15,637; June 26.
Pumping apparatus, Wet vacuum. I. C. Jennings. 1,447,854; Mar. 6.
Pumping device. W. Pool. 1,477,850; Dec. 18.
Pumping device, Fluid-pressure liquid-. W. J. Hancock. 1,470,973; Oct. 16.
Pumping jack. J. H. Carson. 1,474,996; Nov. 20.
Pumping jack. M. C. Hole. 1,470,080; Oct. 9.
Pumping jack. H. R. Selby. 1,449,785; Mar. 27.
Pumping jar. V. D. Splane. 1,467,204; Sept. 4.
Pumping mechanism. P. H. Callaghan. 1,447,962; Mar. 13.
Pumping mechanism. J. G. Vincent. 1,476,781; Dec. 11.
Pumping power. E. S. Sloan. 1,465,319; Aug. 21.
Pumping system. B. S. Aikman. 1,462,159; July 17.
Pumping system. H. E. La Bour. 1,461,622; July 10.
Pumping unit. J. W. Wickwire and C. E. Burns. 1,465,032; Aug. 14.
Pumping water, Walking-beam system for. J. A. Wilson. 1,459,645; June 19.
Pumps, Air-purifying device for motor-driven tire. D. Rohrer. 1,458,005; June 5.
Pumps and the like, Automatic control for. P. K. Lindsay. 1,476,406; Dec. 4.
Pumps and the like, Cup packing for. P. J. Knothe. 1,459,509; June 19.
Pumps, Arrangement of oil. E. L. Müller. 1,460,431, July 3.
Pumps, Automatic stop for windmill. E. Johnson. 1,453,142; Apr. 24.
Pumps, Balancing means for. N. A. Messinger. 1,458,589; June 12.
Pumps, Controlling apparatus for air-pressure systems for. A. F. Habenicht. 1,449,396; Mar. 27.
Pumps, Differential governor for boiler feed. C. J. Smith. 1,452,223; Apr. 17.
Pumps, Fraud-prevention means for gasoline. H. Kopp. 1,475,707; Nov. 27.
Pumps, Impeller for centrifugal. J. S. Hazell. 1,470,607; Oct. 16.
Pumps, Impeller mounting for centrifugal. J. S. Fulton and J. K. McIntyre. 1,448,925; Mar. 20.
Pumps, Means for priming. H. M. Havens. 1,475,994; Dec. 4.
Pumps operated by the engines of automobiles or the like, Means for regulating the output of. R. Esnault-Pelterie. 1,475,508; Nov. 27.
Pumps, Operating attachment for lift. G. Mallan. 1,459,632; June 19.
Pumps, Priming and straining device for screw and centrifugal. A. B. Seaborne. 1,474,449; Nov. 20.
Pumps, Process and means for the stepwise variation of the output of multicylinder plunger. G. Silvestri. 1,468,176; Sept. 18.
Pumps, Producing. J. A. Crimp. 1,468,559; Sept. 18.
Pumps, Quantity stop for measuring. J. B. Davis. 1,449,218; Mar. 20.
Pumps, Quantity stop mechanism for measuring. B. F. Geyer. 1,448,798; Mar. 20.
Pumps, Recording device for liquid. A. B. Snyder. 1,448,164; Mar. 13.
Pumps, Recording device for liquid. A. B. Snyder. 1,452,663; Apr. 24.
Pumps, Rivet catcher for oil-well. P. T. Spruill. 1,465,320; Aug. 21.
Pumps, Rotor for rotary. E. J. Wendell. 1,442,018; Jan. 9.
Pumps, Standing-valve attachment for oil. F. J. Wright and J. L. Baker. 1,464,796; Aug. 14.
Pumps, Standing valve for oil-well. T. H. Eubanks. 1,443,016; Jan. 23.
Pumps, Tube support for deep-well. J. Penrod and R. D. Thompson. 1,477,714; Dec. 18.
Pumps, Visible display attachment for measuring. W. S. Townsend and F. E. Douglass. 1,450,994; Apr. 10.
Pumps with curved pumping-grooves, Pumping body for viscosity. J. E. Noeggerath. 1,448,080; Mar. 13.
Pumpkin and like material, Apparatus for processing. L. A. Babcock. 1,457,417; June 5.
Pumpkin-peeling machine. H. Sletto. 1,458,998; June 19.
Punch. R. M. Hatch. 1,467,637; Sept. 11.
Punch. J. Jensen. 1,473,558; Nov. 6.
Punch. F. L. MacAleese. 1,469,093; Sept. 25.
Punch. W. A. Whitney. Re15,719; Nov. 6.
Punch. F. H. Wilson. 1,447,000; Feb. 27.
Punch and die mechanism, Rotary. A. W. Metzner. 1,466,001; Aug. 28.
Punch and dies, Compound progressive. G. Becherer, jr. 1,462,733; July 24.
Punch, Can. E. A. Conway. 1,467,608; Sept. 11.
Punch, Center. A. Forsyth. 1,461,032; July 10.
Punch, Pedestal. J. Ditson and A. E. Peters. 1,458,328; June 12.
Punch press. W. G. Allen. 1,444,650; Feb. 6.
Punch press. J. H. Reece. 1,466,030; Aug. 28.
Punch presses and the like, Safety device for. J. Kratochvil. 1,443,791; Jan. 30.
Punch presses and the like, Safety device for. H. Schoendelen. 1,443,761; Jan. 30.
Punch presses, Guard for. F. J. Ruggiero. 1,459,162; June 19.
Punch, Recording. A. J. Weber and C. Butterfield. 1,442,201; Jan. 16.
Punch, Shank and bit. H. V. Haight. 1,463,134; July 24.
Punching and forming press, Combined. W. H. Betts. 1,457,816; June 5.
Punching-bag suspension hanger. J. G. Grossheim. 1,444,542; Feb. 6.
Punching device, Automatic. A. Hansen. 1,451,219; Apr. 10.
Punching machine. L. A. M. Corset. 1,459,320; June 19.
Punching machine. W. H. D'Ardenne. 1,476,669; Dec. 4.
Punching machine. H. A. Holmes. 1,475,828; Nov. 27.
Punching machine. A. Rubin. 1,471,571; Oct. 23.
Punching machine. C. W. Winther. 1,464,961; Aug. 14.
Punching machine, Fluid-operated band-. H. W. Kranz and J. Lukes. 1,468,788; Sept. 25.
Punching-machine gauge. L. W. Paxton. 1,445,796; Feb. 20.
Punching machine, Plate-. G. Lasker. 1,459,776; June 26.
Punching machine, Stripper for tube-. L. R. James. 1,448,747; Mar. 20.
Punching machines, Indicator for. W. W. Adams. 1,470,519; Oct. 9.
Punching press and die therefor. R. S. Smith. 1,452,224; Apr. 17.
Punching tool. F. C. Yates. 1,449,136; Mar. 20.
Purging device. P. Van Vlissingen. 1,474,392; Nov. 20.
Purifying and packaging ether. E. Mallinckrodt, jr. 1,461,539; July 10.
Purse and bill fold, Combined. A. de Clairmont. 1,451,205; Apr. 10.
Purse, Armlet. W. B. Marsh. 1,445,528; Feb. 13.
Purse pencil. F. P. Dwyer. 1,476,697; Dec. 11.
Push-button construction. R. E. Schieber. 1,451,476; Apr. 10.
Push-button switch. G. T. Griffin. 1,476,506; Dec. 4.
Pushing apparatus. F. J. Bullis. 1,441,963; Jan. 9.
Puttee, Spiral. H. M. Foxon. 1,452,680; Apr. 24.
Putty. R. T. Williams. 1,476,127; Dec. 4.
Putty clip. W. E. Wilson. 1,471,675; Oct. 23.
Putty, Tool for applying. C. H. Weber. 1,444,227; Feb. 6.
Puzzle. M. S. Chambers. 1,471,943; Oct. 23.
Puzzle. L. H. Hartman. 1,464,424; Aug. 7.
Puzzle. F. Larabee. 1,477,371; Dec. 11.
Puzzle. E. J. Miller. 1,454,131; May 8.
Puzzle. W. H. Miller. 1,457,383; June 5.
Puzzle and educational device, Combined. H. C. Teipel. 1,459,937; June 26.
Puzzle block. W. H. Schenk. 1,455,009; May 15.
Pyjamas. J. C. Ewing. 1,451,093; Apr. 10.
Pyjamas. J. F. Graham. 1,470,356; Oct. 9.
Pyrazolone, Coloring matter derived from. E. Reber. 1,447,485; Mar. 6.
Pyrometer. H. J. Blakeslee. 1,441,207; Jan. 9.
Pyrometer. R. Hase. 1,474,903; Nov. 20.
Pyrometer. I. Lundgaard. 1,455,633; May 15.

Alphabetical list of inventions—Continued.

Pyrometer, Optical. R. P. Brown and C. P. Frey. 1,476,486; Dec. 4.
Pyrotechnic display device. J. B. Van Doren. 1,455,097; May 15.
Pyrotechnical device. M. M. Adler. 1,441,551–2; Jan. 9.
Pyroxylin, celluloid, and like materials, Shaping. C. E. Wehn. 1,461,299; July 10.
Pyroxylin compound, Making sheets of. W. G. Lindsay. 1,468,820; Sept. 25.
Quantifying mechanism. H. E. Ruckert and G. P. Mallory. 1,478,145; Dec. 18.
Quantites, numbers, and the like, Apparatus for indicating. A. P. Japy. 1,468,235; Sept. 18.
Quartz mill. J. Enders. 1,441,147; Jan. 2.
Queen and drone trap, Collapsible. J. B. Cottam. 1,462,933; July 24.
Quick-acting wrench. C. J. Armstrong. 1,456,208; May 22.
Quick-adjusting wrench. W. J. Purnell, J. C. Chase, and R. S. Young. 1,468,415; Sept. 18.
Quick-break switch. C. H. Bissell and R. E. Jones. 1,465,412; Aug. 21.
Quick-set wrench. F. Nicholson. 1,467,978; Sept. 11.
Quilling machine. G. Adsit. 1,457,294; June 5.
Quilting frame. J. Bougher. 1,446,689; Feb. 27.
Quoin lock. G. W. Granier. 1,447,545; Mar. 6.
Race-course implement. C. M. Waite. 1,441,647; Jan. 9.
Racing course, Mechanical. G. Langlumé and E. J. Ybarzabal. 1,462,560; July 24.
Racing device. E. F. Panario and W. B. Cross. 1,462,242; July 17.
Rack: *See*—

Automobile tire rack.	Indicia-carrying rack.
Ball rack.	Kitchen-utensil rack.
Billiard-cue rack.	Magazine rack.
Bread rack.	Necktie rack.
Card rack.	Newspaper rack.
Charging rack.	Pool-ball rack.
Clothes rack.	Sample rack.
Cue rack.	Shoe rack.
Curing rack.	Spool and thimble rack.
Directory rack.	Thermometer rack.
Dish rack.	Tire rack.
Display rack.	Tire-rim rack.
Drying rack.	Tool rack.
Enameling rack.	Towel rack.
Filing rack.	Transcript rack.
Fire-hose rack.	Umbrella rack.
Garment rack.	Vehicle trunk rack.
Hat and coat rack.	Vending rack.
Hose rack.	Ware rack.

Rack. W. W. Bassett. 1,477,416. Dec. 11.
Rack. T. Dubyk. 1,469,455; Oct. 2.
Rack. W. A. Hammond. 1,462,542; July 24.
Rack. P. T. Regan. 1,461,676; July 10.
Rack-broaching machine. J. L. Perkins and H. D. Croft. 1,468,393; Sept. 18.
Rack device. A. Ranson. 1,473,318; Nov. 6.
Rack or hanger, Barrel. J. and E. A. Goble. 1,446,699; Feb. 27.
Racket and the like, Tennis. E. F. Gallaudet. 1,460,665; July 3.
Racket, Ball catching and throwing. A. Glinchikoff. 1,458,335; June 12.
Racket, Tennis. W. T. Aldrich. 1,472,202; Oct. 30.
Racket, Tennis. R. H. Robinson. 1,470,878; Oct. 16.
Racks or trays, Connecter for ventilating. E. A. Downey, and D. McEwan. 1,476,397; Dec. 4.
Radial drills, Safety device for. W. T. Sears. 1,477,598–9; Dec. 18.
Radiant energy, Receiving system for. E. L. Chaffee. 1,469,889; Oct. 9.
Radiant energy, System for the transmission and reception of. J. H. Hammond, jr. 1,463,994; Aug. 7.
Radiant energy, System for the transmission of. J. H. Hammond, jr. 1,443,361; Jan. 30.
Radiant heater. O. and C. C. Taylor. 1,469,124; Sept. 25.
Radiation from Röntgen rays, Apparatus for reducing secondary. A. W. Buck. 1,465,340; Aug. 21.
Radiator: *See*—
Automobile radiator.
Radiator. A. L. Anderson. 1,444,297: Feb. 6.
Radiator. E. Behringer. 1,472,954; Nov. 6.
Radiator. P. J. H. Bernard. 1,460,881; July 3.
Radiator. L. F. Burchett. 1,442,125; Jan. 16.
Radiator. E. T. Curran. 1,458,128; June 12.
Radiator. E. B. Cushman. 1,454,315; May 8.
Radiator. M. I. Fallier. 1,472,158; Oct. 30.
Radiator. J. M. Fedders. 1,454,432; May 8.
Radiator. J. W. Guimont. 1,467,316; Sept. 11.
Radiator. L. G. Hanmer. 1,443,819; Jan. 30.
Radiator. H. Junkers. 1,464,765; Aug. 14.
Radiator. O. H. Koelker. 1,474,082; Nov. 13.
Radiator. F. G. Krakan. 1,464,269; Aug. 7.
Radiator. H. A. McCoy and T. G. Anderson. 1,465,607; Aug. 21.
Radiator. A. B. Modine. 1,454,483; May 8.
Radiator. A. B. Modine. 1,472,306; Oct. 30.
Radiator. M. Newman. 1,443,237; Jan. 23.
Radiator. P. D. Schenck. 1,470,033; Oct. 9.
Radiator. E. O. Weeks. Re15,676; Aug. 14.
Radiator. M. Witte. 1,450,399; Apr. 3.
Radiator. E. Wykes. 1,469,135; Sept. 25.
Radiator. I. S. Zitlin. 1,446,819; Feb. 27.
Radiator, Adjustable flue cleaner for heat. W. E. Bahr. 1,448,048; Mar. 13.
Radiator air-circulation-control device. E. H. Birdsall. 1,459,318; June 19.
Radiator and producing same. I. S. Chapman and C. E. Mort. 1,454,425; May 8.
Radiator attachment. A. H. Burr. 1,469,916; Oct. 9.
Radiator attachment. E. O. Weeks. 1,448,889; Mar. 20.
Radiator attachment, Antifreeze. G. F. Wilson. 1,448,102; Mar. 13.
Radiator board. W. J. Gemmel. 1,440,979; Jan. 2.
Radiator bushing. A. A. Best. 1,458,678; June 12.
Radiator cap. S. J. Blocker. 1,441,326; Jan. 9.
Radiator cap. E. T. Curran. 1,465,544; Aug. 21.
Radiator cap. W. L. Davis. Des. 62,320; May 8.
Radiator cap. G. E. Force. 1,461,706; July 10.
Radiator cap. G. B. Hutchings. Des. 63,301; Nov. 20.
Radiator cap. I. M. Jacobs and W. Cramer. 1,446,297; Feb. 20.
Radiator cap. A. C. Lippert and J. A. Sinko. 1,472,878; Nov. 6.
Radiator cap. A. B. Memmott. Des. 62,739; July 24.
Radiator cap. E. M. Nelson. 1,456,333; May 22.
Radiator cap. J. E. Simpson. Des. 63,500; Dec. 11.
Radiator cap. N. Viehmann. 1,449,204; Mar. 20.
Radiator-cap attachment. J. H. Smith. 1,471,071; Oct. 16.
Radiator-cap lock. C. N. White. 1,447,366; Mar. 6.
Radiator caps and the like, Attachment for. C. J. and G. W. Krentz. 1,458,346; June 12.
Radiator circulating system. C. M. Josted. 1,470,846; Oct. 16.
Radiator construction. R. C. Glover. 1,459,503; June 19.
Radiator construction. J. M. Jensen. 1,466,530; Aug. 28.
Radiator core. R. M. Christensen. 1,469,407; Oct. 2.
Radiator core. H. C. Harrison. 1,442,565; Jan. 16.
Radiator core. P. H. Lonergan. 1,450,746; Apr. 3.
Radiator core. P. F. Spery. 1,475,893; Nov. 27.
Radiator core. C. F. Spery. 1,478,489; Dec. 25.
Radiator core. H. Sway. 1,460,805; July 3.
Radiator core. F. Todd. 1,460,772; July 3.
Radiator-core sections, Machine for making. J. Fraidus. 1,449,596; Mar. 27.
Radiator cover. F. J. Druar. 1,453,339; May 1.
Radiator cover. T. E. Hawkins. 1,448,295; Mar. 13.
Radiator cover. R. F. Hoffman. 1,472,650; Oct. 30.
Radiator cover. E. D. Linde. 1,459,593; June 19.
Radiator curtain. C. C. Woodberry. 1,456,170; May 22.
Radiator curtain, Automatic. W. M. Fulton. 1,443,465; Jan. 30.
Radiator, Detachable transformer. C. G. Jones. 1,460,135; June 26.
Radiator-draining means. L. H. Swetnam and J. Moody. 1,443,938; Jan. 30.
Radiator, Electric. C. A. Head. 1,447,952; Mar. 6.
Radiator, Electric. C. A. Head. 1,458,763; June 12.
Radiator, Electrosteam. F. M. Davis. 1,472,052; Oct. 30.
Radiator-filling attachment. F. A. Ruckman. 1,443,650; Jan. 30.
Radiator, Gas. W. H. Cain. 1,459,390; June 19.
Radiator, Gas-heated. G. P. Schmitt. 1,470,293; Oct. 9.
Radiator, Gas-heating. A. Garbarini. 1,473,844; Nov. 13.
Radiator guard. N. C. Huckestein. 1,451,337; Apr. 10.
Radiator-handling device. L. H. Ohlen. 1,466,746; Sept. 4.
Radiator heater. J. A. Kurrus. 1,447,214; Mar. 6.
Radiator, Heating and lighting. H. Ginger. 1,452,800; Apr. 24.
Radiator holder. J. W. Kager. 1,460,344; June 26.
Radiator-holding machine. E. C. Carris and V. F. Eppel. 1,469,176; Sept. 25.
Radiator indicator. L. F. Chaney. 1,466,117; Aug. 28.
Radiator jacket. W. A. Allen. 1,449,367; Mar. 27.
Radiator, Liquid-cooling. E. T. Curran. 1,454,107; May 8.
Radiator meter. M. W. Ryan and M. Uttendorfer. 1,469,444–5; Oct. 2.
Radiator mounting. F. X. Steidle and R. J. Hollmeyer. 1,449,960; Mar. 27.
Radiator ornament. A. J. Rhoades. Des. 62,018; Feb. 27.
Radiator-pipe hanger. E. Behringer. 1,472,955; Nov. 6.
Radiator protector. M. E. Fulk. 1,475,062; Nov. 20.
Radiator protector. L. J. Hermann. 1,449,322; Mar. 20.
Radiator protector. T. H. Welch. 1,456,749; May 29.
Radiator-repair composition. F. Petmecky. 1,467,065; Sept. 4.
Radiator-repair machine. M. Gerber. 1,460,480; July 3.
Radiator repair machine. C. E. Schulz. 1,446,667; Feb. 27.
Radiator, Sectional. A. C. Schulz. 1,441,034; Jan. 2.
Radiator shutter control. G. M. Willis. 1,471,510; Oct. 23.
Radiator, steam cooker, and warming oven, Combined. C. M. Geiger. 1,450,847; Apr. 3.
Radiator, Steam-heated hot-water. S. Deutsch. 1,474,765; Nov. 20.
Radiator support. C. V. Storms. 1,447,695; Mar. 6.
Radiator-supporting stand. R. J. Statham. 1,474,212; Nov. 13.

Radiator-thawing means. E. L. Carillon. 1,478,422; Dec. 25.
Radiator, Transformer. W. M. Dann. 1,461,518; July 10.
Radiator tube, Nonbursting. V. R. Melville. 1,448,075; Mar. 13.
Radiator tubes, Machine for making. G. Horvath. 1,472,719; Oct. 30.
Radiator ventilator. M. E. Raymond. 1,445,354; Feb. 13.
Radiators, Air circulator and humidifier for. R. W. Menk. 1,456,607; May 29.
Radiators, Antifreezing device for. T. A. Milutin. 1,445,638; Feb. 20.
Radiators, Attachment for motor-vehicle. F. J. Druar. 1,453,340; May 1.
Radiators, Forming. D. N. Crosthwait, sr. 1,473,670; Nov. 13.
Radiators, Machine for making connector tubes for. G. H. Lober. 1,455,919; May 22.
Radiators of heating systems, Means for deaerating. J. Meinken. 1,467,552; Sept. 11.
Radiators, Shutter apparatus for. J. F. Raleigh. 1,458,593; June 12.
Radiators, Upper hose connection for. M. Witte. 1,477,924; Dec. 18.
Radiators, Water-circulating device for. P. A. Schimming. 1,465,184; Aug. 14.
Radiators, Welding. J. W. Guimont. 1,458,934; June 19.
Radioactive spray material. R. R. Adams. 1,461,340; July 10.
Radio apparatus, Coil mounting for. I. Greenwald. 1,477,822; Dec. 18.
Radio boxes, Peep opening for wireless-telegraph. H. C. Stevens. 1,473,941; Nov. 13.
Radiocabinet. L. E. Davis. Des. 63,099; Oct. 2.
Radiocommunication. R. A. Heising. 1,465,357; Aug. 21.
Radiocommunication. C. V. Logwood. 1,440,834; Jan. 2.
Radio control system. A. L. Wilson. 1,469,349; Oct. 2.
Radio-directive control, System of. J. H. Hammond, jr. 1,467,154; Sept. 4.
Radioenergy, Circuit arrangement for receiving. E. Mayer and A. Leib. 1,469,328; Oct. 2.
Radio equipment, Connector for. S. Storch. 1,464,274; Aug. 7.
Radiofrequency device. H. P. Donle. 1,476,156; Dec. 4.
Radiofrequency transmission system. H. Pratt. 1,454,652; May 8.
Radio horn. M. Goldfarb. Des. 62,483; June 12.
Radio instruments, Device for eliminating body capacity effects in. T. M. Harrigan. 1,464,708; Aug. 14.
Radio instruments, Insulated knob for. G. J. Seiss. 1,444,212; Feb. 6.
Radio method and apparatus. F. A. Kolster. 1,447,165; Feb. 27.
Radio modulation system. F. Conrad. 1,477,316; Dec. 11.
Radio pilot-cable system. L. Rellstab. 1,470,389; Oct. 9.
Radio receiving apparatus. F. G. Beetein. 1,473,417; Nov. 6.
Radio receiving apparatus. L. Espenschied. 1,446,890; Feb. 27.
Radio receiving apparatus. P. D. Lowell and F. W. Dunmore. 1,455,141; May 15.
Radio receiving circuits. J. Mills. 1,457,447; June 5.
Radio receiving method and apparatus. F. A. Kolster. 1,464,322; Aug. 7.
Radio receiving system. E. F. W. Alexanderson. 1,477,413; Dec. 11.
Radio receiving system. B. Bradbury. 1,443,209; Jan. 23.
Radio receiving system. L. de Forest. 1,478,029; Dec. 18.
Radio receiving system. M. Latour. 1,447,793; Mar. 6.
Radio receiving system. S. Loewe. 1,464,533; Aug. 14.
Radio receiving system. J. Mills. 1,478,047; Dec. 18.
Radio receiving system, Directional. R. H. Marriott. 1,460,801; July 3.
Radio receiving system, Unidirectional. E. F. W. Alexanderson. 1,465,108; Aug. 14.
Radio receiving systems, Protective device for. H. B. Herty. 1,475,632; Nov. 27.
Radioreception. L. L. Israel. 1,471,165; Oct. 16.
Radioreception coupler. E. M. Reynolds. 1,478,579; Dec. 25.
Radiosignaling apparatus. R. A. Weagant. 1,468,062; Sept. 18.
Radiosignaling call system. D. K. Martin. 1,476,003; Dec. 4.
Radiosignaling, Method and apparatus for. R. A. Weagant. 1,468,059; Sept. 18.
Radiosignaling, Method and apparatus for. R. A. Weagant. 1,468,061; Sept. 18.
Radiosignaling system. R. Bown. 1,475,219; Nov. 27.
Radiosignals, Process and apparatus for receiving. R. A. Weagant. 1,468,060; Sept. 18.
Radiosignals, System for receiving. A. H. Taylor. 1,468,049; Sept. 18.
Radio systems, Calling arrangement for. H. A. Affel. 1,472,822; Nov. 6.
Radiotelegraph signaling system. H. Pratt, H. F. Elliott, and E. B. Murphy. 1,471,319; Oct. 16.
Radiotelegraph system. W. L. Carlson and E. C. Hanson. 1,463,386; July 31.
Radiotelegraph system. E. C. Hanson and W. L. Carlson. 1,463,391; July 31.
Radiotelegraph system, Multiplex. E. H. Colpitts. 1,465,932; Aug. 28.
Radiotelegraphy. A. L. Anderson. 1,454,307; May 8.
Radiotelegraphy. R. R. Beal. 1,473,719; Nov. 13.
Radiotelegraphy. H. F. Elliott. 1,454,630; May 8.
Radiotelegraphy. F. S. McCullough. 1,471,406; Oct. 23.
Radiotelegraphy signaling system. C. C. Chapman. 1,454,624; May 8.
Radiotelegraphy signaling system. H. F. Elliott. 1,454,629; May 8.
Radiotelegraphy signaling system. H. F. Elliott. 1,473,220; Nov. 6.
Radiotelephone system, Carrier. H. W. Nichols. 1,458,949; June 19.
Radiotelephony, Call system for. L. Espenschied and R. Bown. 1,464,565; Aug. 14.
Radio transmission control system. L. Espenschied and R. Bown. 1,447,773; Mar. 6.
Radiotransmitter. V. Bush. 1,452,064; Apr. 17.
Radio variable rheostat. H. W. Tompkins. 1,452,399; Apr. 17.
Radio wire connecting circuits. R. Bown and E. L. Nelson. 1,472,289; Oct. 30.
Radium emanation, Method and apparatus for absorbing. H. B. Palmer. 1,470,027; Oct. 9.
Radium-applying means, Holding or supporting means for. W. H. Cameron. 1,455,476; May 15.
Radium needle. W. L. Cummings. 1,442,051; Jan. 16.
Radius leaf. G. C. Robbins. 1,461,497; July 10.
Radius rod. J. C. Haldeman. 1,469,179; Sept. 25.
Radius rod, Front. M. W. Link. 1,456,740; May 29.
Radius rods, Brace for. J. W. Bond. 1,450,426; Apr. 3.
Raft, Deep-sea. N. Est. 1,447,940; Mar. 6.
Raft, Log. G. G. and M. J. Davis. 1,470,064; Oct. 9.
Raft, Log. S. Wood. 1,460,779; July 3.
Raft, Pneumatic life. C. C. Witmer and B. Havens. 1,456,168; May 22.
Rafter and support, Suspension. D. Heusinkveld. 1,441,927; Jan. 9.
Rail anchor. L. J. Berkeley. 1,440,523–6; Jan. 2.
Rail anchor. L. J. Berkeley. 1,454,309; May 8.
Rail anchor. L. J. Berkeley. 1,462,162; July 17.
Rail anchor. R. A. Blair. 1,461,258–61; July 10.
Rail anchor. W. H. De Busk. 1,476,802; Dec. 11.
Rail anchor. C. G. Ericson. 1,441,838; Jan. 9.
Rail anchor. P. H. Hamilton. 1,449,398; Mar. 27.
Rail anchor. P. W. Moore. 1,476,410; Dec. 4.
Rail anchor. F. A. Poor. Re15,593; May 1.
Rail anchor. W. B. Runyan. 1,451,179; Apr. 10.
Rail anchor. H. Stephens. 1,463,343; July 31.
Rail anchor. H. G. Warr. 1,462,157; July 17.
Rail anchor. C. F. Yardley. 1,454,366; May 8.
Rail anchor. C. F. Yardley. 1,454,368; May 8.
Rail-anchor method. W. M. Osborn and R. N. Wade 1,444,205; Feb. 6.
Rail anchor, Tie-plate. H. Stephens. 1,463,344; July 31.
Rail anticreeper. B. B. Betts. 1,447,406; Mar. 6.
Rail anticreeper. B. B. Betts. 1,458,970; June 19.
Rail attachment to prevent spreading. A. L. Pollock. 1,445,103; Feb. 13.
Rail brace. N. E. Barnes. 1,446,957; Feb. 27.
Rail brace. L. H. Mayville. 1,474,278; Nov. 13.
Rail brace. D. B. McLain and E. M. Tatum. 1,457,586; June 5.
Rail brace. C. F. Thompson. 1,442,014; Jan. 9.
Rail brace, Adjustable. J. C. Edwards. 1,478,558; Dec. 25.
Rail brace and detector-bar support, Combined. B. T. Gibbs, jr. 1,449,173; Mar. 20.
Rail brace, Guard-. H. G. Warr. 1,467,129; Sept. 4.
Rail braces, Dies for forming. G. R. Gauntt. 1,472,867; Nov. 6.
Rail-bending device. P. E. Chambers. 1,453,917; May 1.
Rail bond. T. Haulton. 1,461,061; July 10.
Rail bracket, Farrowing-. D. E. Shrauger. 1,457,636; June 5.
Rail-breaking machine. D. H. and A. Miller. 1,477,582; Dec. 18.
Rail chair. C. F. Bowe. 1,471,772; Oct. 23.
Rail chair. W. R. Gorrell and H. Barkschat. 1,463,118; July 24.
Rail chair. A. Korba. 1,468,532; Sept. 18.
Rail chair. G. P. Milkent. 1,467,869; Sept. 11.
Rail chair. C. Pascal. 1,442,291; Jan. 16.
Rail clamp. R. S. Butler. 1,470,055; Oct. 9.
Rail clamp. A. Kallio. 1,440,390; Jan. 2.
Rail clamp. R. G. Manning. 1,470,090; Oct. 9.
Rail clamp. R. E. Neely. 1,473,504; Nov. 6.
Rail clamp, Guard-. R. D. Gallagher. 1,471,555; Oct. 23.
Rail clamp, Guard-. E. R. Packer. 1,440,410; Jan. 2.
Rail clamp, Side-. J. W. Dandridge and G. Hance. 1,476,598; Dec. 4.
Rail clip, Adjustable switch-. R. E. Einstein. 1,455,996; May 22.
Rail connection. J. Hersh. 1,441,804; Jan. 9.
Rail connection, Hold-tight. F. O. Heltzel. 1,472,018; Oct. 23.
Rail coupling. E. T. Bennington. 1,454,948; May 15.
Rail crossing. M. Svalland. 1,460,686; July 3.
Rail drill. W. T. Krausch and E. F. Weber. 1,445,837; Feb. 20.

Alphabetical list of inventions—Continued.

Rail-drilling device. F. A. Tegeler. 1,445,920; Feb. 20.
Rail driver. J. T. Fields and D. E. Ryan. 1,446,696; Feb. 27.
Rail, Farrowing. W. L. Weintz. 1,464,302; Aug. 7.
Rail fastener. G. Ashton. 1,445,059; Feb. 13.
Rail fastener. G. H. Camp. 1,449,089; Mar. 20.
Rail fastener. H. E. Chase. 1,449,810; Mar. 27.
Rail fastener. L. E. Hurst and J. F. Miller. 1,464,937; Aug. 14.
Rail fastener. S. Johnson. 1,466,400; Aug. 28.
Rail fastener. C. L. McCray. 1,451,838; Apr. 17.
Rail fastener. E. M. McVicker. 1,460,819; July 3.
Rail fastener. E. M. McVicker. 1,474,787; Nov. 20.
Rail fastener. L. M. Sartain. 1,453,641; May 1.
Rail fastener. V. Weleski. 1,475,910; Nov. 27.
Rail-fastening means. S. B. Kull. 1,449,332; Mar. 20.
Rail-fastening plate. J. Wesolik. 1,454,090; May 8.
Rail fitting, Adjustable. S. J. Gulesian. 1,467,153; Sept. 4.
Rail, Guard. A. Johnson. 1,462,344; July 17.
Rail, Guard. A. H. Weston. 1,451,245; Apr. 10.
Rail, Guide. C. J. Hohman, sr. 1,463,319; July 31.
Rail jack. F. Hachmann. 1,461,186; July 10.
Rail joint. M. Alvarez. 1,473,330; Nov. 6.
Rail joint. E. E. August. 1,477,990; Dec. 18.
Rail joint. J. R. Baumann. 1,443,831; Jan. 30.
Rail joint. J. R. Butler. 1,473,334; Nov. 6.
Rail joint. C. Carlson. 1,440,582; Jan. 2.
Rail joint. A. B. C. Crance. 1,442,384; Jan. 16.
Rail joint. I. L. Edwards. 1,445,577; Feb. 13.
Rail joint. L. Ekberg. 1,451,766; Apr. 17.
Rail joint. F. B. Elliott. 1,463,618; July 31.
Rail joint. E. L. Ellis. 1,472,157; Oct. 30.
Rail joint. G. W. Fullerton. 1,443,987; Feb. 6.
Rail joint. L. Glanzer. 1,465,263; Aug. 21.
Rail joint. G. Godula. 1,469,040; Sept. 25.
Rail joint. F. E. Harder. 1,457,302; June 5.
Rail joint. E. Ianni. 1,470,167; Oct. 9.
Rail joint. M. Kiss. 1,465,914; Aug. 21.
Rail joint. P. A. Kourtzman. 1,471,613; Oct. 23.
Rail joint. S. McFarland. 1,472,606; Oct. 30.
Rail joint. W. H. McNeil. 1,457,085; May 29.
Rail joint. S. Morylin. 1,459,682; June 19.
Rail joint. A. Powell and C. B. Neal. 1,457,746; June 5.
Rail joint. W. B. Rumbaugh. 1,471,065; Oct. 16.
Rail joint. J. A. Sanner. 1,471,068; Oct. 16.
Rail joint. S. Shull. 1,455,814; May 22.
Rail joint. J. Smith. 1,468,926; Sept. 25.
Rail joint. H. I. Straining. 1,448,605; Mar. 13.
Rail joint. W. H. Swindell and L. Phillips. 1,455,680; May 15.
Rail joint. J. Woll. 1,455,695; May 15.
Rail joint and nut lock, Combined. D. W. Jeffries. 1,462,506; July 24.
Rail joint and safety device, Track-. A. L. Lauby. 1,462,290; July 17.
Rail joint and splice. J. White. 1,478,081; Dec. 18.
Rail joint, Boltless. A. O. Spencer. 1,453,957; May 1.
Rail joint, Insulated. B. G. Braine. 1,446,690; Feb. 27.
Rail-joint insulation. C. D. Young. 1,474,700; Nov. 20.
Rail joint, Lattice. B. Wolhaupter. 1,446,684; Feb. 27.
Rail-joint-locking device. C. L. Callies. 1,470,056; Oct. 9.
Rail-joint securing means. A. Ropp. 1,446,320; Feb. 20.
Rail joint, tie plate, and anticreeper, Combined. F. Hachmann. 1,441,980; Jan. 9.
Rail joints, Abrasion unit for. B. Wolhaupter. 1,446,685; Feb. 27.
Rail joints, Renewable insulation for. C. A. Disbrow. 1,474,431; Nov. 20.
Rail joints, Splice bar for. F. E. Abbott. 1,460,742; July 3.
Rail joints, Splice bar for. B. G. Braine. Re15,668; Aug. 7.
Rail mounting. R. W. Anderson. 1,454,915; May 15.
Rail or form, Road. H. B. Loxterman. 1,473,730; Nov. 13.
Rail, Road. O. B. Pulis. 1,477,767; Dec. 18.
Rail-scarf-forming device. J. Nelson. 1,442,355; Jan. 16.
Rail scarf joint. J. Doktor. 1,463,680; July 31.
Rail-securing device. P. L. Reed. 1,465,685; Aug. 21.
Rail-securing device. F. M. Tubbs. 1,453,213; Apr. 24.
Rail spike. H. O. Crippen. 1,456,363; May 22.
Rail splice. J. I. Hickman. 1,442,472; Jan. 16.
Rail spreader. G. W. Burlison. 1,458,804; June 12
Rail springs, Making. E. Woodings. 1,443,160; Jan. 23.
Rail-straightening press. J. S. Dayton. 1,457,215; May 29.
Rail support and fastening. L. Green. 1,466,997-8; Sept. 4.
Rail support, Railway-. A. R. Fugina, J. E. Clough, and W. H. Stilwell. 1,454,276; May 8.
Rail switch. O. P. Smith. 1,463,560; July 31.
Rail tie. H. W. Jones. 1,449,676; Mar. 27.
Rail tie. R. Palmer. 1,453,322; May 1.
Rail ties, Loading and unloading machine for. S. B. Dunnam. 1,440,722; Jan. 2.
Rail-track fastening. F. Radelet. 1,443,275; Jan. 23.
Rail tracks, Crossover and doorway opening for suspended. N. Krump. 1,466,365; Aug. 28.
Rail-unloading car. L. P. Chicoine and E. Sauvé. 1,444,949; Feb. 13.
Rails, Apparatus for handling and treating. E. F. Entwisle, F. E. Howells, and L. L. Leach. 1,471,250; Oct. 16.
Rails, Creep check for. K. F. Elers. 1,477,637; Dec. 18.
Rails, Anticreeper for. F. Quist. 1,466,188; Aug. 28.
Rails, Apparatus for treating steel. E. F. Entwisle and F. E. Howells. 1,449,272; Mar. 20.
Rails, Apparatus for welding. G. N. Steigerwald. 1,442,834; Jan. 23.
Rails, Oil shield for ring. C. T. Thomas. 1,444,813; Feb. 13.
Rails or the like after rolling, Cooling. C. Stenbol. 1,456,944; May 29.
Rails, Stanchion for supporting barrier. J. J. Fairbairn. 1,457,900; June 5.
Rails thereon, Metal tie and fastener to secure. J. T. Clark. 1,454,268; May 8.
Railway and like vehicles, Coupler for. H. Goold-Adams and J. Mitchell. 1,475,812; Nov. 27.
Railway and like vehicles, Coupler for. F. A. Mackinnon and J. Hampson. 1,460,974; July 3.
Railway and other vehicles, Brake apparatus for. H. E. Anderson. 1,467,701; Sept. 11.
Railway and similar vehicles, Automatic coupling for. G. J. Coles. 1,472,241; Oct. 30.
Railway and the like sleeper, Reenforced concrete. D. H. Stent. 1,460,115; June 26.
Railway art. W. Whaley. 1,444,146; Feb. 6.
Railway audible signal. C. G. Huth. 1,478,742; Dec. 25.
Railway automatic stop. E. E. Clement. 1,440,583; Jan. 2.
Railway bolt. J. Hartley. 1,467,155; Sept. 4.
Railway brake. B. Amendola. 1,478,881; Dec. 25.
Railway brake. H. R. Griffiths and S. G. Walker 1,455,137; May 15.
Railway brake. P. Laverdière. 1,442,890; Jan. 23.
Railway brake. O. Royster. 1,461,254; July 10.
Railway brake. W. H. Sauvage. 1,446,771; Feb. 27.
Railway brake beam. S. A. Crone. 1,475,283; Nov. 27.
Railway brake beam. S. A. Crone. 1,475,285; Nov. 27.
Railway brake beams, Reversible strut for. I. Moeller 1,454,063; May 8.
Railway-brake hanger. F. Schaefer. 1,470,121; Oct. 9.
Railway brake head. T. Elliott. 1,456,632; May 29.
Railway brakes, Slack adjuster for. B. Haskell. 1,444,460; Feb. 6.
Railway-car-wheel block. M. W. Collins. 1,445,071; Feb. 13.
Railway classification signal. F. F. Vandewater. 1,469,549; Oct. 2.
Railway construction. C. Belanger and J. Caron. 1,454,101; May 8.
Railway construction. W. G. Coughlin. 1,441,401; Jan. 9.
Railway crossing. S. Balkwill. 1,440,955; Jan. 2.
Railway crossing. A. E. Carlson. 1,443,559; Jan. 30.
Railway crossing. W., J., and J. Daley. 1,467,842; Sept. 11.
Railway crossing. J. P. Houk. 1,462,408; July 17.
Railway crossing. F. A. Walker. 1,440,754; Jan. 2.
Railway crossing. A. E. Ward. 1,448,645; Mar. 13.
Railway crossing. B. E. Wilson. 1,456,751; May 29.
Railway crossing. G. T. Wiswell. 1,453,776; May 1.
Railway crossing, Articulated. P. Hoffman. 1,443,411; Jan. 30.
Railway-crossing gate. A. D. Goodwin. 1,450,285; Apr. 3.
Railway-crossing gate. H. McNish. 1,478,446; Dec. 25.
Railway-crossing gate. J. R. Vandivier and G. R. Hunt. 1,463,520; July 31.
Railway-crossing gate and signal. H. C. Carmichael. 1,475,682; Nov. 27.
Railway-crossing gates, Mechanism for operating. J Kratochvil. 1,460,912; July 3.
Railway-crossing signal. C. Adler, jr. 1,470,043; Oct. 9.
Railway-crossing signal. C. C. Atkinson. 1,471,877; Oct. 23.
Railway-crossing signal. E. M. Bock. 1,463,758; July 31.
Railway-crossing signal. J. B. De Luca. 1,461,180; July 10.
Railway-crossing signal. W. Dickhart. 1,450,841; Apr. 3.
Railway-crossing signal. R. J. Dougherty. 1,477,697; Dec. 18.
Railway-crossing signal. A. Jerep. 1,442,476; Jan. 16.
Railway-crossing signal. W. B. Kuhn. 1,478,663; Dec. 25.
Railway-crossing signal. E. H. Staley and C. I. Mansmith. 1,451,186; Apr. 10.
Railway-crossing signal. J. R. Stogner and P. Adams. 1,450,824; Apr. 3.
Railway-crossing signal. E. M. Tolston. 1,453,420; May 1.
Railway-crossing signal gate. L. L. Lawless. 1,443,226; Jan. 23.
Railway crossing with renewable centers. W. G. Nichols. 1,456,857; May 29.
Railway crossings, Automatic gate for. W. H. Enfield. 1,450,797; Apr. 3.
Railway crossings, Automatic signal for. J. E. Wesolowski. 1,470,338; Oct. 9.
Railway crossings, Highway signal for. J. M. McGhee. 1,454,753; May 8.
Railway crossings or the like, Gate for. W. Harris. 1,472,979; Nov. 6.

Railway crossings, Safety signal for. C. E. Fry. 1,461,896; July 17.
Railway crossings, Shock absorber for. J. Nelson. 1,471,701; Oct. 23.
Railway crosstie, Metallic. J. A. Hyle. 1,472,526; Oct. 30.
Railway ditcher. J. J. Miller. 1,460,762; July 3.
Railway draft rigging. C. E. Dath. 1,450,358; Apr. 3.
Railway draft rigging. J. F. O'Connor. 1,442,901; Jan. 23.
Railway equipment. H. S. Daubert. 1,471,452; Oct. 23.
Railway frog. J. Kershenstein. 1,457,632; June 5.
Railway frog and making same. C. A. Alden. 1,442,920; Jan. 23.
Railway frogs and product thereof, Making. C. A. Alden. 1,442,919; Jan. 23.
Railway gate. J. B. Atkins. 1,448,478; Mar. 13.
Railway gate. H. Brown. 1,468,278; Sept. 18.
Railway gate. C. G. Huth. 1,478,741; Dec. 25.
Railway gate. J. Sawicki. 1,442,703; Jan. 16.
Railway-gate-actuating apparatus. F. G. Beck and W. D. Saunders. 1,447,506; Mar. 6.
Railway highway stop. J. E. Courtney. 1,473,082; Nov. 6.
Railway joint, Safety. J. Berczik. 1,464,235; Aug. 7.
Railway lines, Double-compound of. W. Bäseler. 1,469,145; Sept. 25.
Railway-mail-exchange apparatus. A. Hupp. 1,444,837; Feb. 13.
Railway mine tie and rail fastener. T. Richards, sr. 1,461,069; July 10.
Railway-motor mounting. B. S. Moore. 1,460,170; June 26.
Railway periscope. M. D. Raymond. 1,447,036; Feb. 27.
Railway, Pleasure. J. O. Greenberg. 1,474,962; Nov. 20.
Railway rail. C. Allison. 1,478,161; Dec. 18.
Railway rail. R. Burris. 1,444,303; Feb. 6.
Railway-rail brace. J. G. Mueller. 1,472,225; Oct. 30.
Railway-rail brace. R. A. E. Reigard and S. Ranieri. 1,440,696; Jan. 2.
Railway rail connection. S. Balkwill. 1,443,722; Jan. 30.
Railway-rail fastener. A. D. Preston. 1,442,701; Jan. 16.
Railway-rail joint. J. A. Hyle. 1,467,431; Sept. 11.
Railway-rail joint. D. H. Lee. 1,447,671; Mar. 6.
Railway rail, Safety. W. P. Stewart. 1,467,696; Sept. 11.
Railway rails, Anticreeper for. J. D. Grimm. 1,441,080; Jan. 2.
Railway rails, Anticreeper for. W. S. Weston. 1,451,637–8; Apr. 10.
Railway rails, Anticreeper for. W. S. Weston. 1,451,898; Apr. 17.
Railway rails, Anticreeping device for. C. H. Knell. 1,471,171; Oct. 16.
Railway roadbeds, Machine for removing weeds from. A. Scheuchzer. 1,470,768; Oct. 16.
Railway rolling stock, Pedestal for. R. Lester. 1,443,186; Jan. 23.
Railway rolling stock, Pedestal for. R. Lester. 1,446,912; Feb. 27.
Railway rolling stock, Safety apparatus for. H. S. Votaw. 1,462,254; July 17.
Railway safe-running device. A. R. Angus. 1,443,304; Jan. 23.
Railway safety gate. C. Enache. 1,473,905; Nov. 13.
Railway signal. S. M. Donaldson. 1,451,438; Apr. 10.
Railway signal. A. O. Russell. 1,457,673; June 5.
Railway signal apparatus. J. B. Pitts. 1,444,850; Feb. 13.
Railway signal device. H. W. Roeling, A. G. Kern, J. G. Bauer, and J. Catalano. 1,444,755; Feb. 6.
Railway signaling. J. S. Holliday. 1,455,761; May 15.
Railway signaling apparatus. A. E. Tattersall. 1,459,999; June 26.
Railway signaling apparatus. E. S. Tiddeman. 1,472,891; Nov. 6.
Railway signaling apparatus and apparatus for stopping trains independently of drivers. E. S. Tiddeman. 1,472,892; Nov. 6.
Railway-signaling-equipment receptacle. L. S. Atkinson. 1,478,540; Dec. 25.
Railway signaling mechanism. J. R. Alexander. 1,464,797; Aug. 14.
Railway signaling system. A. E. Hudd. 1,475,388; Nov. 27.
Railway signaling system. C. H. Lay. 1,442,811; Jan. 23.
Railway speed-indicating device. E. Revega. 1,440,798; Jan. 2.
Railway spike. A. Plump. 1,444,271; Feb. 6.
Railway spike. W. H. Steffee. 1,456,682; May 29.
Railway steel tie and rail fastener, Combined. O. Sammiatelli. 1,450,820; Apr. 3.
Railway stop, Safety. J. G. Millhouse, F. W. Schneider, and R. Farmer. 1,441,291; Jan. 9.
Railway structure, Pleasure. J. A. Miller. 1,448,763; Mar. 20.
Railway, Suspension. J. L. Miller. 1,467,871; Sept. 11.
Railway switch. J. A. Dougher. 1,476,060; Dec. 4.
Railway switch. E. H. Hebenstreit. 1,464,040; Aug. 7.
Railway switch. D. E. Lahey. 1,468,533; Sept. 18.
Railway switch. R. N. Perovich. 1,475,407; Nov. 27.
Railway switch. D. Quintal. 1,443,802; Jan. 30.
Railway switch. M. Robinson. 1,457,229; May 29.
Railway switch. J. J. Ronders. 1,463,227; July 31.
Railway switch. W. H. Swindell and L. Phillips. 1,450,763; Apr. 3.
Railway switch. C. Wills. 1,451,435; Apr. 10.
Railway switch and rail. I. J. Fernekes. 1,459,022; June 19.
Railway switch, Automatic. T. M. Prim. 1,460,981; July 3.
Railway-switch mechanism. C. J. Kelloway. 1,467,327; Sept. 11.
Railway-switch-operating means. C. J. Kelloway. 1,470,226; Oct. 9.
Railway switch-point clamp. B. F. Drenning. 1,471,950; Oct. 23.
Railway-switch stand. B. T. Gibbs, jr. 1,448,957–8; Mar. 20.
Railway-switch stand, Automatic. J. J. Dillon. 1,468,997; Sept. 25.
Railway switches and the like, Protective heating system for. E. R. Packer. 1,474,161; Nov. 13.
Railway switches, Plunger lock with circuit controller for. W. P. Neubert. 1,450,331; Apr. 3.
Railway switches, Safety appliance for. B. R. Hooks. 1,462,010; July 17.
Railway switchover. E. Oyen. 1,465,312; Aug. 21.
Railway tickets and the like, Machine for printing. A. Zöllin and E. Schreiber. 1,449,801; Mar. 27.
Railway tie. L. R. Babcock. 1,445,739; Feb. 20.
Railway tie. J. H. Barnes. 1,465,406; Aug. 21.
Railway tie. F. A. Bragg. 1,473,205; Nov. 6.
Railway tie. J. T. Clark. 1,477,540; Dec. 18.
Railway tie. C. J. Cooper. 1,461,477; July 10.
Railway tie. P. J. Harrigan. 1,475,299; Nov. 27.
Railway tie. J. Kerwin. 1,442,617; Jan. 16.
Railway tie. G. Koebler. 1,468,787; Sept. 25.
Railway tie. J. MacMartin. 1,457,537; June 5.
Railway tie. V. E. Randall. 1,471,203; Oct. 16.
Railway tie. R. V. and V. E. Randall. 1,471,060; Oct. 16.
Railway tie. S. S. Smith. 1,465,289; Aug. 21.
Railway tie. L. D. Spratt. 1,445,047; Feb. 13.
Railway tie. O. Yarnell. 1,460,467; July 3.
Railway tie. G. A. Winkelman. 1,449,715; Mar. 27.
Railway tie and antispreading device. W. Ward, sr. 1,477,470; Dec. 11.
Railway tie and chair, Metallic. R. R. Allshouse. 1,450,967; Apr. 10.
Railway tie and rail fastener, Metal. W. H. H. Welton. 1,473,067; Nov. 6.
Railway tie and rail fastening. J. F. Balme, jr. 1,475,106; Nov. 20.
Railway-tie-changing machine. N. C. Owen. 1,466,850–1; Sept. 4.
Railway tie, Metallic. G. Press. 1,476,641; Dec. 4.
Railway tie, Metallic. C. C. Steel. 1,474,298; Nov. 13.
Railway tie plate. W. E. Knox. 1,444,615; Feb. 6.
Railway tie plate and anticreeper. J. Bachrik. 1,443,699; Jan. 30.
Railway ties, Covering for. R. Slater. 1,451,309; Apr. 10.
Railway-track ballast grading and surfacing machine. P. Ursino. 1,471,760; Oct. 23.
Railway-track construction. H. H. Diehl. 1,478,107; Dec. 18.
Railway-track joint. L. Orbán. 1,440,932; Jan. 2.
Railway-track member, Cast-steel. W. G. Nichols. 1,460,107; June 26.
Railway-track signal. F. L. Wanklyn. 1,478,592; Dec. 25.
Railway-track spike. G. W. Boschke. 1,440,444; Jan. 2.
Railway tracks, Guard-rail fixture for. T. Maney. 1,474,276; Nov. 13.
Railway-traffic-controlling apparatus. L. V. Lewis. 1,458,188; June 12.
Railway-traffic controlling apparatus. R. A. McCann. 1,466,055; Aug. 28.
Railway-traffic-controlling apparatus. R. A. McCann and L. V. Lewis. 1,469,799; Oct. 9.
Railway-traffic-controlling apparatus. R. A. McCann. 1,478,667; Dec. 25.
Railway-traffic-controlling apparatus. F. H. Nicholson. 1,452,214; Apr. 17.
Railway traffic-controlling apparatus. F. H. Nicholson. 1,464,105; Aug. 7.
Railway-traffic-controlling system. L. V. Lewis. 1,466,911; Sept. 4.
Railway-traffic-controlling system. L. V. Lewis. 1,468,597; Sept. 18.
Railway-traffic-controlling system. L. V. Lewis. Re15,592; May 1.
Railway-train stop, Automatic. A. H. A. Schumacher. 1,443,851; Jan. 30.
Railway truck. E. G. Chandler. 1,470,958; Oct. 16.
Railway trucks, Automatic ball-bearing side bearing for. G. M. Hyndes. 1,465,908; Aug. 21.
Railway vehicles and in platforms to be used wherever a break of gauge occurs, Undercarriage and body of. E. D. O'Donnell. 1,465,614; Aug. 21.
Railway vehicles, Brake-operating device for. L. Boirault. 1,440,443; Jan. 2.
Railway vehicles, Detachable propulsion unit for. R. E. Olds. 1,443,033; Jan. 23.

Alphabetical list of inventions—Continued.

Railway vehicles, Hub liner for. J. G. Blunt. 1,457,894; June 5.
Railway wagons and other vehicles, Fastening device for the doors of. J. Haag. 1,441,497; Jan. 9.
Railway water-service device. T. E. Bart. 1,464,165; Aug. 7.
Railways, Automatic speed control for. P. J. Simmen. 1,440,415; Jan. 2.
Railways, Automatic speed control for. P. J. Simmen. 1,464,141; Aug. 7.
Railways, Crossing signal for. J. R. Johnson. 1,458,885; June 12.
Railways, Electric safety system for. J. Skinderviken. 1,457,192; May 29.
Railways, etc., Guard and signal for. A. T. Gookin. 1,477,438; Dec. 11.
Railways, Fixed signal system for protecting danger points on. H. E. Hodgson. 1,470,009; Oct. 9.
Railways, Interlocking system for. E. C. Larry. 1,442,684; Jan. 16.
Railways, Portable switch for. C. W. Burris. 1,478,634; Dec. 25.
Railways, Safety device for. M. K. Healy. 1,477,486; Dec. 11.
Railways, Support for overhead wires of electric. H. Westphal. 1,456,084; May 22.
Railways, Tongue switch and mate for. J. H. Asselin. 1,452,019; Apr. 17.
Rain coat and cape, Combined. A. P. Handler. 1,445,312; Feb. 13.
Rainproof garment. C. A. Place. 1,473,916; Nov. 13.
Rain shield. W. L. Smith. 1,451,276; Apr. 10.
Rain signal. A. A. Libera. 1,442,162; Jan. 16.
Raising and lowering material, Apparatus for. E. J. Dolan and P. Tatore. 1,471,454; Oct. 23.
Rake: *See*—
Convertible rake. Sweep rake.
Self-cleaning rake.
Rake. B. E. Leas. 1,442,686–7; Jan. 16.
Rake. B. E. Leas. 1,471,964; Oct. 23.
Rake. E. Moseley. 1,444,001; Feb. 6.
Rake. O. F. Schweder. 1,451,590; Apr. 10.
Rake. P. C. Veinot. 1,477,612; Dec. 18.
Rake. M. J. Walsh. 1,467,212; Sept. 4.
Rake and rock remover, Combined. B. E. Storr. 1,474,650; Nov. 20.
Rake and tedder, Combined side-delivery. E. Mowry and P. Kane. 1,448,812; Mar. 20.
Rake attachment. G. A. N. Wahlen. 1,450,877; Apr. 3.
Rake cleaner. D. N. Humphrey. 1,442,615; Jan. 16.
Rake cleaner. E. McKenzie. 1,441,013; Jan. 2.
Rake-cleaning attachment. P. O. Hecht. 1,449,673; Mar. 27.
Rake, Push. C. W. Siemers. 1,463,928; Aug. 7.
Rakes, Disk attachment for garden. J. C. Parker. 1,465,089; Aug. 14.
Ram control, Hydraulic-. W. W. MacDonald. 1,454,396; May 8.
Ram, Stoker. J. L. Schultz. 1,441,122; Jan. 2.
Rams, Means for controlling hydraulic. D. W. Dodson. 1,447,342; Mar. 6.
Rands, Process and machine for making. J. F. Dugan. 1,453,042; Apr. 24.
Range. E. C. Beers. 1,457,686; June 5.
Range. J. J. Toomey. 1,444,145; Feb. 6.
Range. J. J. Toomey. 1,467,520; Sept. 11.
Range and bearing keeper. H. C. Ford. 1,450,585; Apr. 3.
Range and cabinet, Combined. N. H. Franks. Des. 62,047; Mar. 13.
Range, Combination. G. A. Lieser. 1,445,403; Feb. 13.
Range, Combination coal and gas. C. H. Bailey. 1,475,775; Nov. 27.
Range, Combination gas and coal. J. F. Sullivan. 1,466,769; Sept. 4.
Range, Desiccating and incinerating. N. M. Hopkins. 1,456,022; May 22.
Range, Electric. A. W. Walker. 1,442,109; Jan. 16.
Range-finder operators, Apparatus for testing and recording the efficiency of. A. Barr and W. Stroud. 1,450,907; Apr. 10.
Range, Gas. A. F. Harter. 1,464,572; Aug. 14.
Range, Gas. S. H. King and J. E. Troiel. 1,442,618; Jan. 16.
Range, Gas. H. W. O'Dowd. 1,456,822–3; May 29.
Range, Gas. G. E. Pickup. 1,458,196; June 12.
Range, Gas. F. W. and G. A. Robertshaw. 1,450,756; Apr. 3.
Range-heating unit, Inclosed. C. J. Fay. 1,475,760; Nov. 27.
Ranges, Air-inlet control for combination coal and gas. C. F. Wiley. 1,459,383; June 19.
Ranges, Attachment for gas. M. W. Longfellow. 1,478,749; Dec. 25.
Ranges, Guard for oil. R. P. and A. Greenburg. 1,459,624; June 19.
Ranges, Ventilator attachment for. B. Biggs. 1,463,242; July 31.
Rapid boiler. W. B. Marshall. 1,444,696; Feb. 6.
Rat and mouse trap. J. Heckman. 1,453,352; May 1.
Rat trap. J. Barwicki. 1,440,901; Jan. 2.
Rat trap. R. C. Burnley. 1,467,753; Sept. 11.
Rat trap. E. D. Clark. 1,462,802; July 24.
Rat trap. W. Danley. 1,477,320; Dec. 11.
Rat trap. H. C. Goodman. 1,458,404; June 12.
Rat trap. M. L. Lively. 1,470,854; Oct. 16.
Rat trap. N. O. Nilsson. 1,454,941; May 15.
Rat trap. R. D. Olhausen. 1,446,268; Feb. 20.
Rat trap. W. W. Worcester. 1,457,953; June 5.
Rat trap. C. Sorensen. 1,474,096; Nov. 13.
Ratchet-brake mechanism. R. H. Blackall. 1,452,784; Apr. 24.
Ratchet drill. J. Raven. 1,448,638; Mar. 13.
Ratchet hand tool. J. M. Hargrave. 1,456,692; May 29.
Ratchet mechanism. T. J. Fegley and G. O. Leopold. 1,478,212; Dec. 18.
Ratchet mechanism. E. W. Gent. 1,445,271; Feb. 13.
Ratchet plate and die. A. E. Kopp. 1,450,211; Apr. 3.
Ratchet socket wrench. H. L. Saucier. 1,453,607; May 1.
Ratchet wrench. C. R. Bryant. 1,466,948; Sept. 4.
Ratchet wrench. G. A. Faitz. 1,451,498; Apr. 10.
Ratchet wrench and tool holder, Combined. H. A. Kennedy. 1,453,145; Apr. 24.
Ratio adjusters, Handle for. H. A. Germain. 1,441,794; Jan. 9.
Rattle, Baby. H. Levy. 1,468,026; Sept. 18.
Razor. R. R. Adams. 1,478,160; Dec. 18.
Razor. W. H. W. Hamilton. 1,473,426; Nov. 6.
Razor. F. Mossberg. 1,450,604; Apr. 3.
Razor and brush, Combined. K. Kohn. 1,453,014; Apr. 24.
Razor and hair trimmer, Combination safety. M. J. Graef. 1,448,341; Mar. 13.
Razor-blade holder J. Heller. 1,441,346; Jan. 9.
Razor-blade holder. W. Klamroth. 1,454,055; May 8.
Razor-blade holder. E. M. Moylan. 1,462,210; July 17.
Razor-blade holder. H. L. E. Peterson. 1,469,604; Oct. 2.
Razor-blade holder. C. A. Scott. 1,453,409; May 1.
Razor-blade holder. O. Tagliaferry. 1,449,355; Mar. 20.
Razor-blade holder. P. W. Wiswell. 1,445,737; Feb. 20.
Razor-blade holder, Multiple-. C. E. Matthews. 1,441,016; Jan. 2.
Razor-blade holder, Safety-. D. J. Dalton and W. A. Biondi. 1,474,107; Nov. 13.
Razor-blade holder, Safety-. H. Hopper. 1,475,231; Nov. 27.
Razor-blade holder, Safety-. G. Lindell. 1,459,028; June 19.
Razor-blade holder, Safety-. E. F. Mitchell. 1,464,681; Aug. 14.
Razor-blade resharpener, Safety-. D. B. Brown. 1,455,567; May 15.
Razor-blade sharpener. J. M. Welch. 1,448,014; Mar. 13.
Razor-blade-sharpening device, Safety-. J. Barton. 1,456,355; May 22.
Razor-blade stropper, Safety-. F. O. Thomas. 1,466,605; Aug. 28.
Razor blades, Device for use with safety. E. N. Kennedy. 1,454,443; May 8.
Razor blades, Grinding device or sharpening device for. F. Kirsten. 1,459,676; June 19.
Razor blades, Holder for. C. K. Welch. 1,465,774; Aug. 21.
Razor blades, Holder for safety. F. Wressell. 1,454,461; May 8.
Razor blades, Mechanism for sharpening. R. L. Boulter. 1,475,367; Nov. 27.
Razor blades, Method of and container for storing used safety-. J. J. Hechmer. 1,476,401; Dec. 4.
Razor blades, Sharpening device for safety-. W. J. Davis. 1,448,730; Mar. 20.
Razor blades, Stropping holder for safety-. P. E. Shee. 1,477,721; Dec. 18.
Razor case, Safety-. G. Browning. 1,445,868; Feb. 20.
Razor double stropping machine. H. Seigman. 1,478,841; Dec. 25.
Razor guard, Safety-. L. Loret-Fleurance. 1,474,678; Nov. 20.
Razor holder. W. Dubilier and W. S. Mountford. 1,475,940; Dec. 4.
Razor hone, Combination self-lubricating and germicidal. J. L. Reneau. 1,470,762; Oct. 16.
Razor-hone holder. F. J. Mirgon. 1,476,268; Dec. 4.
Razor, Locked. J. W. Fretwell. 1,467,930; Sept. 11.
Razor, Safety. A. S. Breakey and C. F. Pietsch. 1,469,715; Oct. 2.
Razor, Safety. L. M. Buyukas. 1,450,017; Mar. 27.
Razor, Safety. O. E. Crater. 1,448,108; Mar. 13.
Razor, Safety. J. H. D. Everett. 1,466,123; Aug. 28.
Razor, Safety. W. W. Everts. 1,471,114; Oct. 16.
Razor, Safety. M. Eyraud, jr. 1,449,594; Mar. 27.
Razor, Safety. A. M. Fuller. 1,448,205; Mar. 13.
Razor, Safety. F. A. Fuller. 1,442,062; Jan. 16.
Razor, Safety. H. W. Greenbrier. 1,474,471; Nov. 20.
Razor, Safety. H. B. Hartman. 1,455,725; May 15.
Razor, Safety. H. B. Hartman. 1,455,750–1; May 15.
Razor, Safety. I. L. Hendricks. 1,473,344; Nov. 6.
Razor, Safety. C. L. Horning. 1,475,949; Dec. 4.
Razor, Safety. J. A. Johnson. 1,455,532; May 15.
Razor, Safety. C. H. Krebs. 1,465,274; Aug. 21.
Razor, Safety. F. Kulhawy. 1,450,859; Apr. 3.
Razor, Safety. J. H. Lacy. 1,469,309; Oct. 2.
Razor, Safety. A. B. Lauterbach. 1,470,757; Oct. 16.
Razor, Safety. J. F. Leffler. 1,462,558; July 24.

Razor, Safety. A. E. Levene. 1,454,936; May 15.
Razor, Safety. E. L. Müller. 1,469,237; Oct. 2.
Razor, Safety. R. A. Osburn. 1,446,989; Feb. 27.
Razor, Safety. C. S. Parker. 1,460,139; June 26.
Razor, Safety. G. A. Reiter. 1,452,002; Apr. 17.
Razor, Safety. J. Rieger. 1,441,172; Jan. 2.
Razor, Safety. J. Ruze. 1,455,665; May 15.
Razor, Safety. T. A. Ryan. 1,468,082; Sept. 18.
Razor, Safety. J. Schick. 1,452,935; Apr. 24.
Razor, Safety. G. A. Schieren. 1,445,452; Feb. 13.
Razor, Safety. J. J. Short. 1,455,674; May 15.
Razor, Safety. F. Simon. 1,442,451; Jan. 16.
Razor, Safety. A. P. Stiansen. 1,452,767; Apr. 24.
Razor, Safety. J. A. D. Watt. 1,461,168; July 10.
Razor, Safety. F. Wiese. 1,449,924; Mar. 27.
Razor, Safety roller. M. and R. Rohde. 1,444,764; Feb. 6.
Razor sharpener. J. L. Peacock and F. Sayles. 1,478,835; Dec. 25.
Razor strop. C. S. Beardsley. 1,468,491; Sept. 18.
Razor strop. W. W. Graves. 1,443,259; Jan. 23.
Razor strop. J. Stadniczek. 1,471,713; Oct. 23.
Razor strop and making same. C. C. Peterson. 1,440,411; Jan. 2.
Razor-strop container. S. A. Winklepleck. 1,457,612; June 5.
Razor-strop protector. J. R. Nolan. 1,442,088; Jan. 16.
Razor stropper. J. H. Payson. 1,451,844; Apr. 17.
Razor-stropping device. W. F. Lent. 1,449,824; Mar. 27.
Razor-stropping device. M. H. Rhodes. 1,468,923; Sept. 25.
Razor-stropping machine. E. D. Clark. 1,453,751; May 1.
Razors, Adapter for safety. W. Althoff. 1,453,487; May 1.
Razors, Apparatus for sharpening. B. P. J. de Jongh. 1,459,617; June 19.
Razors, Attachment for safety. F. C. Williams. 1,468,064; Sept. 18.
Razors, Safety guard for. A. McAnulty. 1,461,490; July 10.
Reaction automatic control. P. E. Edelman. 1,450,023; Mar. 27.
Reactive composition and making same, Potentially. L. H. Baekeland. 1,442,420; Jan. 16.
Reach bar, Adjustable. J. A. Moxey. 1,471,346; Oct. 23.
Reach rods, Making. A. B. Breeze. 1,467,264; Sept. 4.
Reading appliance. R. M. Searle. 1,451,182; Apr. 10.
Reading appliance. R. M. Searle. 1,460,923–4; July 3.
Reading guide, paper cutter, and bookmark, Combined. O. J. Kraemer. 1,461,395; July 10.
Reading machine. B. A. Fiske. 1,457,429; June 5.
Reading machine. B. A. Fiske. 1,476,290; Dec. 4.
Reading stand. S. A. Seymour. 1,445,179; Feb. 13.
Reamer. S. M. Bellringer. 1,470,679; Oct. 16.
Reamer. T. A. Gyllsdorff. 1,472,798; Nov. 6.
Reamer. E. D. Johnson and E. A. Zempel. 1,474,369; Nov. 20.
Reamer. C. A. Kell. 1,457,174; May 29.
Reamer. W. E. Kelly. 1,448,273; Mar. 13.
Reamer. A. McCracken. 1,472,182; Oct. 30.
Reamer. F. P. Miller. 1,475,311; Nov. 27.
Reamer. C. E. Reed. 1,441,169; Jan. 2.
Reamer. A. T. Rossignol. 1,470,545; Oct. 9.
Reamer. F. W. Straehle. 1,465,029; Aug. 14.
Reamer, Abrasive expansion. J. A. Bertrand. 1,444,763; Feb. 6.
Reamer, Adjustable. W. B. Johnson. 1,446,467; Feb. 27.
Reamer and polisher, Combined. R. C. McClay. 1,467,977; Sept. 11.
Reamer and tap, Combined. J. Bath and H. F. Clifford. 1,475,561; Nov. 27.
Reamer, Expanding. P. Miller. 1,451,741–2; Apr. 17.
Reamer, Floating. J. A. Bennett. 1,440,903; Jan. 2.
Reamer, Floating. A. A. Martell. 1,470,020; Oct. 9.
Reamer head. C. G. Cashman. 1,447,922; Mar. 6.
Reamer holder, Floating. J. E. Sheuman. 1,450,822; Apr. 3.
Reamers, Holder for. J. Diesk. 1,455,480; May 15.
Reaming tool. T. Lennard. 1,474,197; Nov. 13.
Reaming tool. W. Yerxa. 1,452,103; Apr. 17.
Reaming device. T. P. Carroll and E. Graff. 1,470,144; Oct. 9.
Reamers, Apparatus for sharpening. B. J. Gundlach. 1,478,563; Dec. 25.
Reamplifying system. H. W. Nichols. 1,442,781; Jan. 16.
Re and de railing device. H. A. Brown. 1,465,963; Aug. 28.
Reboring machine. D. L. Martyn. 1,463,089; July 24.
Reboring machine, Cylinder-. R. W. Gage. 1,471,458; Oct. 23.
Receipt protector. J. H. Brown. 1,446,638; Feb. 27.
Receiver. E. Reisz. 1,448,676; Mar. 13.
Receiver, Selective. R. L. Williams. 1,453,612; May 1.
Receiving system. H. Chireix. 1,462,882; July 24.
Receiving system, Unidirectional. M. S. Strock. 1,449,253; Mar. 20.
Recentering device. H. Kettler. 1,477,364; Dec. 11.
Receptacle. R. Y. Barrows. 1,470,049; Oct. 9.
Receptacle. E. N. Burrows. 1,466,084; Aug. 28.
Receptacle. C. J. Crawley. 1,453,784; May 1.
Receptacle. R. O. Dunning. 1,444,308; Feb. 6.
Receptacle. V. Durand, jr. 1,473,814; Nov. 13.
Receptacle. J. Kashinsky. 1,462,578; July 24.
Receptacle. I. Levy. 1,461,667; July 10.
Receptacle. E. W. Lodge. 1,446,014; Feb. 20.
Receptacle. L. W. Luellen. 1,440,547; Jan. 2.
Receptacle. F. J. Lynch. 1,463,088; July 24.
Receptacle. A. T. Persson. 1,465,055; Aug. 14.
Receptacle. J. Raggio and F. Bongiorni. 1,447,035; Feb. 27.
Receptacle. R. S. Reynolds. 1,466,962; Sept. 4.
Receptacle. E. A. Robe. 1,453,284; May 1.
Receptacle. H. Simon. 1,463,296; July 31.
Receptacle. T. C. Spelling. 1,448,165; Mar. 13.
Receptacle and agitator therefor. R. Guthridge. 1,457,431; June 5.
Receptacle and brush, Combined detergent. D. B. Kearney. 1,478,392; Dec. 25.
Receptacle and cover, Germicide. J. C. Fischer. 1,462,693; July 24.
Receptacle and closure therefor. V. M. Palmer. 1,441,167; Jan. 2.
Receptacle and holding and locking means therefor. T. B. Wright. 1,478,365; Dec. 18.
Receptacle and lock therefor. G. H. Reimer. 1,457,002; May 29.
Receptacle, Baggage. F. B. Emery. 1,460,016; June 26.
Receptacle cap. W. E. Koss. 1,463,145; July 24.
Receptacle cap. E. R. Martin. 1,450,100; Mar. 27.
Receptacle caps, Retaining device for. C. A. Haas. 1,450,077; Mar. 27.
Receptacle closure. E. Hoffman. 1,459,588–9; June 19.
Receptacle closure. T. F. I. O'Brien. 1,441,742; Jan. 9.
Receptacle closure and making the same. I. J. Celona. 1,478,171; Dec. 18.
Receptacle closure and seal. G. S. Bowman. 1,459,437; June 19.
Receptacle closures, Machine for making retaining rings for. A. V. Feeten. 1,459,660; June 19.
Receptacle closures, Retaining ring for. A. V. Felten. 1,449,276; Mar. 20.
Receptacle, Collector. W. A. McClelland. 1,455,117; May 15.
Receptacle cover. J. I. Russakov. 1,458,955; June 19.
Receptacle, Deposit and collection. W. W. Wilkinson. 1,447,583; Mar. 6.
Receptacle, Dispensing. J. J. Coogan. 1,451,899; Apr. 17.
Receptacle, Dispensing. O. Kartzmark. 1,452,691; Apr. 24.
Receptacle, Dispensing. E. Schmidt. 1,459,450; June 19.
Receptacle, Display. P. J. Nagle. 1,458,541; June 12.
Receptacle, Fluid. F. Chalfant. 1,445,869; Feb. 20.
Receptacle for flowers. C. D. Dudley. Des. 62,605; July 3.
Receptacle for holding powdered material. A. Lindenmayer. 1,457,879; June 5.
Receptacle, Garbage. S. Glenn. 1,450,363; Apr. 3.
Receptacle, Hot-slag. E. E. James. 1,459,675; June 19.
Receptacle, Knockdown. E. E. Sutherland. 1,475,897; Nov. 27.
Receptacle, Knockdown metal. H. A. House. 1,458,579; June 12.
Receptacle, Laundry-net. F. R. Robison. 1,458,440; June 12.
Receptacle, Locking. F. J. Miller. 1,469,390; Oct. 2.
Receptacle, Metallic. A. Miller. 1,474,601; Nov. 20.
Receptacle, Metallic. P. W. Murphy and H. E. Wiedeman. 1,464,771; Aug. 14.
Receptacle opener. J. H. Smith. 1,453,956; May 1.
Receptacle or container. J. B. Henry. 1,471,960; Oct. 23.
Receptacle or package. I. McColl. 1,463,516; July 31.
Receptacle, Packing. H. E. Butler. 1,457,496; June 5.
Receptacle, Paste. A. Rogers. 1,448,943; Mar. 20.
Receptacle, Plant. E. C. Weidig. 1,453,216; Apr. 24.
Receptacle, Preserving. M. Saloun. 1,467,338; Sept. 11.
Receptacle, Preserving. C. W. Thompson. 1,441,641; Jan. 9.
Receptacle, Self-closing. H. R. Gogay. 1,469,952; Oct. 9.
Receptacle, Sheet-metal. C. Colsman. 1,468,877; Sept. 25.
Receptacle stand. L. F. Carey. 1,450,713; Apr. 3.
Receptacle stopper. H. J. Bragdon. 1,466,113; Aug. 28.
Receptacle-supporting bracket. J. Tydings. 1,455,557; May 15.
Receptacle, Vegetable and fruit. A. Freeman. 1,445,078; Feb. 13.
Receptacle ventilator. C. H. Loop. 1,448,307; Mar. 13.
Receptacle, Woven-wire. J. J. Wiselogel. 1,445,259; Feb. 13.
Receptacles, Bail for. C. A. Krauss. 1,452,562; Apr. 24.
Receptacles, Closure for. F. Hunziker. 1,458,883; June 12.
Receptacles, Closure for. I. Newman. 1,450,260; Apr. 3.
Receptacles, Closure for. F. G. Wacker. 1,471,079; Oct. 16.
Receptacles, Contents ejector for. R. W. Charlton. 1,455,322; May 15.
Receptacles, Cover for food. W. H. Jackson. 1,452,558; Apr. 24.
Receptacles, Emergency handle for domestic. F. W. Wilkes. 1,474,696; Nov. 20.
Receptacles, Filling tube for liquid. B. F. Allnutt. 1,451,136; Apr. 10.
Receptacles, Forming. C. M. Mayo. 1,470,021; Oct. 9.
Receptacles, Joint for metal-sheathed. A. Elmendorf. 1,442,930; Jan. 23.

Receptacles, Machine for filling. L. A. Freedman. 1,440,669; Jan. 2.
Receptacles, Machine for filling. L. A. Freedman. 1,444,540; Feb. 6.
Receptacles, Making waterproof and acidproof. J. P. Elliott. 1,467,311; Sept. 11.
Receptacles or containers, Apparatus for making. I. Stanley. 1,466,211; Aug. 28.
Receptacles or containers, Manufacturing sheet-metal. H. B. Finley. 1,455,525; May 15.
Receptacles, Quick-acting closure for. B. Sage. 1,473,162; Nov. 6.
Receptacles to contain liquids and means for sealing the same, Mouthpiece for. S. D. Garbis. 1,458,932; June 19.
Reciprocating members, Reversing mechanism for. W. M. Barker. 1,468,896; Sept. 25.
Reciprocating traverse mechanism, Variable. S. R. Wright. 1,469,470; Oct. 2.
Reclining chair, Adjustable. F. P. Hall. 1,462,005; July 17.
Recoil check. G. L. Moore. 1,473,638; Nov. 13.
Recoil-controlling device. E. M. De Maine. 1,469,918; Oct. 9.
Record and filing device, Statistical. F. W. Woglom. 1,468,590; Sept. 18.
Record appliance. H. Doty. 1,457,964; June 5.
Record cabinet. H. A. Wiberg. 1,448,892; Mar. 20.
Record-cleaning device. A. Swenson. 1,472,857; Nov. 6.
Record container. A. E. Krause. 1,441,860; Jan. 9.
Record device. J. H. Rand. 1,454,405; May 8.
Record-filing device. C. F. Mitchell. 1,453,943; May 1.
Record-filing device. W. A. Ringler. 1,441,633; Jan. 9.
Record-filing device. T. Spence. 1,458,109; June 5.
Record lifter. R. F. Thomson. 1,464,785; Aug. 14.
Record-sheet holder and protector. A. G. Lund. 1,452,694; Apr. 24.
Record system, Curve. W. C. Brinton. 1,461,710; July 10.
Recorder: *See*—
Time recorder.
Recorder. J. W. Bryce and W. P. Anderson. 1,469,988; Oct. 9.
Recorder. W. N. McConnel. 1,452,122; Apr. 17.
Recorder, Entry. J. W. Rhoden. 1,474,789; Nov. 20.
Recording and reproducing instrument. H. C. Martin. 1,443,372; Jan. 30.
Recording apparatus. P. L. Hill. 1,473,554; Nov. 6.
Recording apparatus. E. Hodgkinson. 1,466,717; Sept. 4.
Recording apparatus. C. A. Hoxie. 1,456,595; May 29.
Recording apparatus, Pump-controlled. W. T. Collins and C. B. Adams. 1,460,367; July 3.
Recording device. B. G. Cook. 1,443,732; Jan. 30.
Recording device. C. H. Marshall, jr. 1,470,691; Oct. 16.
Recording device, Automatic. M. Lauke. 1,478,612; Dec. 25.
Recording device, Production-. M. J. Hoffman. 1,455,530; May 15.
Recording indicator. A. Trowbridge and W. C. Duryea. 1,447,913; Mar. 6.
Recording indicator of excess speed, Automatic date-. A. Rebori. 1,443,040; Jan. 23.
Recording instrument. R. P. Brown. 1,446,961; Feb. 27.
Recording instrument. F. A. Carpenter. 1,466,271; Aug. 28.
Recording instrument. C. E. Cox. 1,459,087; June 19.
Recording instrument. E. Hodgkinson. 1,458,531; June 12.
Recording instruments, Pen for. E. J. Watts. 1,447,582; Mar. 6.
Recording light, Apparatus for. T. W. Case. 1,455,074; May 15.
Recording machine. J. A. Howe. 1,465,441; Aug. 21.
Recording mechanism. D. S. Holt. 1,471,129; Oct. 16.
Recording mechanism and dissemination method. W. H. Cannard and G. A. Shaffer. 1,450,427; Apr. 3.
Recording mechanism, Watchman's. H. S. Hart. 1,460,901–2; July 3.
Recording signal. E. Thomson. 1,460,083; June 26.
Records, Album for disk. W. Wilburger. 1,442,375; Jan. 16.
Records, Album for disk. W. Wilburger. 1,459,457; June 19.
Records, Envelope for disk. W. Wilburger. 1,446,232; Feb. 20.
Records, Means employed in keping family. W. W. Carson. 1,447,279; Mar. 6.
Recovery apparatus. L. B. Decker. 1,477,041; Dec. 11.
Rectifier. E. W. Breisch. 1,473,807; Nov. 13.
Rectifier, Electrolytic. R. W. McClintock and D. McKinnon. 1,460,104; June 26.
Rectifier or converter. E. A. Zadig. 1,454,144; May 8.
Rectifying system. L. Bradley. 1,445,662; Feb. 20.
Recuperator. W. G. Bergman. 1,474,016; Nov. 13.
Reducible box, Size-. H. F. Marston. 1,450,674; Apr. 3.
Reducing apparatus, Feeding mechanism for. A. L. Bausman. 1,478,867; Dec. 25.
Reed article and producing the same. M. B. Lloyd. 1,473,708; Nov. 13.
Reed articles, Producing. M. B. Lloyd. 1,462,710; July 24.
Reed cutter. W. Naujoks and E. E. McLaughlin. 1,467,806; Sept. 11.
Reed fabric and the like, Method of and means for binding the edges of. M. B. Lloyd. 1,455,959; May 22.
Reed hook. F. J. Heine. 1,459,465; June 19.
Reed instruments, Mouthpiece for. B. Miller. 1,449,868; Mar. 27.
Reedlike articles, Producing. M. B. Lloyd. 1,462,709; July 24.
Reed-stoning machine. G. Bastian. 1,441,392; Jan. 9.
Reeds, Making. J. Karaus. 1,446,095; Feb. 20.
Reel: *See*—

Adjustable reel.	Free spool reel.
Binding reel.	Gathering reel.
Chain reel.	Hand reel.
Clothesline reel.	Hose reel.
Clothes reel.	Level-wind antibacklash reel.
Display reel.	Washline reel.
Film reel.	Wind reel.
Fish reel.	Winding reel.
Fishing reel.	Wire reel.
Fishing-line reel.	
Fishline reel.	

Reel. A. P. Andlauer. 1,467,523; Sept. 11.
Reel. J. A. Brogan. 1,473,607; Nov. 13.
Reel. S. J. Gunn. 1,465,818; Aug. 21.
Reel. M. P. Holmes. 1,454,017; May 1.
Reel. A. E. Jenks. 1,444,154; Feb. 6.
Reel. L. Johnson. 1,462,411; July 17.
Reel. L. S. Lachman and E. Fulda. 1,451,835; Apr. 17.
Reel. C. M. Rodgers and A. W. Wenger. 1,445,560; Feb. 13.
Reel. E. H. Schane. 1,446,070–1; Feb. 20.
Reel. J. Sommer. 1,451,745; Apr. 17.
Reel, balance weight, and anchor for decoys, Combined. L. B. Fraser. 1,468,780; Sept. 25.
Reel carrier. J. A. Holmquist. 1,473,678; Nov. 13.
Reel carrier. G. Woodward. 1,474,873; Nov. 20.
Reel seat. J. C. Hooper. 1,464,154; Aug. 7.
Reeling device. R. Barrier. 1,470,373; Oct. 9.
Reeling mechanism. M. P. Holmes. 1,449,181; Mar. 20.
Reels, Level winder for. J. P. Breen. 1,448,786; Mar. 20.
Reenforced board. C. Wisbrock. 1,474,699; Nov. 20.
Reenforcement and fastener, Combination. T. C. Wentworth. 1,455,315; May 15.
Reenforcing means. C. Moore. 1,473,830; Nov. 13.
Refacing tool. R. Bean. 1,460,838; July 3.
Refacing tool. E. O. Coats and R. J. Bartholomew. 1,457,725; June 5.
Refacing tool. S. D. Filson. 1,449,977; Mar. 27.
Reflector. I. Litner. 1,445,601; Feb. 13.
Reflector. A. and C. A. Mattisse. 1,454,755; May 8.
Reflector. E. Pascucci. 1,466,410; Aug. 28.
Reflector. E. J. Samples and L. C. McDonald. 1,448,870; Mar. 20.
Reflector. H. J. Seely. 1,448,640; Mar. 13.
Reflector. E. Zimmermann, jr. Des. 62,077; Mar. 13.
Reflector and hall light, Combination number. J. P. Theis. 1,448,881; Mar. 20.
Reflector and lamp support. R. S. Bradley. 1,471,939; Oct. 23.
Reflector for use in light projectors. J. G. Balsillie. 1,470,798; Oct. 16.
Reflector, Nonglare. J. N. Lyles. 1,461,362; July 10.
Reflector, Number. J. P. Theis. 1,448,882; Mar. 20.
Reflectors, Producing. M. Wiskott. 1,461,301; July 10.
Reflectoscope. C. E. H. Armbruster. 1,469,411; Oct 2.
Reflocculated product and preparing same. E. G. Acheson. 1,456,112; May 22.
Refractor. W. A. Dorey. 1,470,602; Oct. 16.
Refractory article. E. B. Forse. 1,473,286; Nov. 6.
Refractory article and making same. W. A. Harty. 1,473,853; Nov. 13.
Refractory article and making the same. F. B. Danehower. 1,450,140; Mar. 27.
Refractory article and producing the same, Highly-. H. H. Buckman and G. A. Pritchard. 1,440,657; Jan. 2.
Refractory article, Highly-. H. H. Buckman and G. A. Pritchard. 1,440,766; Jan. 2.
Refractory articles, Manufacture of self-hardening. W. A. France. 1,451,540; Apr. 10.
Refractory composition. J. L. Ohman. 1,458,723–6; June 12.
Refractory, Manufacturing new and improved high. C. J. Crawford. 1,477,810; Dec. 18.
Refractory material. Z. Olsson. 1,442,413; Jan. 16.
Refractory material, Noncrystallized. W. A. Farish. 1,458,913; June 12.
Refractory metal product and making same. C. A. Laise. 1,470,175; Oct. 9.
Refractory mold and preparing the same, Centrifugal. W. D. Moore. 1,471,053; Oct. 16.
Refractory molds, Machine for forming. P. Cooke. 1,443,349; Jan. 30.
Refractory products from dolomite, Manufacture of. C. A. Longbottom and F. L. Duffield. 1,463,399; July 31.
Refractory products, Making. L. P. Kraus, jr. 1,453,468; May 1.
Refractory ware, Surfacing material for. P. Teetor. 1,466,213; Aug. 28.

Refrigerated display apparatus. G. Hilger. 1,462,285; July 17.
Refrigerated display case. A. R. and G. Wingard. 1,471,083; Oct. 16.
Refrigerating apparatus. N. G. Anderson. 1,444,862; Feb. 13.
Refrigerating apparatus. A. P. Anderson. 1,478,162; Dec. 18.
Refrigerating apparatus. G. A. Bang. 1,448,183; Mar. 13.
Refrigerating apparatus. P. H. Buch and H. M. Groff. 1,471,098; Oct. 16.
Refrigerating apparatus. F. O. Conill. 1,473,142; Nov. 6.
Refrigerating apparatus. L. G. Copeman. 1,463,419; July 31.
Refrigerating apparatus. L. C. Copeman. 1,472,266–7; Oct. 30.
Refrigerating apparatus. J. G. De Remer. Re15,591; May 1.
Refrigerating apparatus. G. H. Emery. 1,468,999; Sept. 25.
Refrigerating apparatus. C. L. Hill. 1,452,461; Apr. 17.
Refrigerating apparatus. H. N. Oakley. 1,445,349; Feb. 13.
Refrigerating apparatus. L. R. Poschadel. 1,445,553; Feb. 13.
Refrigerating apparatus. W. G. See. 1,440,935; Jan. 2.
Refrigerating apparatus. C. G. Smith. 1,446,727; Feb. 27.
Refrigerating apparatus. M. Tibbetts. 1,445,728; Feb. 20.
Refrigerating apparatus. S. H. Todd. 1,466,072; Aug. 28.
Refrigerating apparatus. H. W. Wolfe. 1,458,899; June 12.
Refrigerating apparatus, Absorbing still for. S. Otto and J. C. Jankus. 1,470,638; Oct. 16.
Refrigerating apparatus, Multispeed. G. P. Carroll. 1,445,753; Feb. 20.
Refrigerating apparatus of the absorption type. E. Altenkirch. 1,455,701; May 15.
Refrigerating apparatus, Receiver of. H. Brier. 1,452,999; Apr. 24.
Refrigerating device. W. W. Robinson. 1,449,872; Mar. 27.
Refrigerating food cabinet. J. R. Replogle. 1,476,546; Dec. 4.
Refrigerating machine. R. W. Davenport. 1,472,432; Oct. 30.
Refrigerating machine. H. Guyer and E. Rüeger. 1,464,277; Aug. 7.
Refrigerating machine. C. H. Hapgood. 1,471,125; Oct. 16.
Refrigerating machine. A. D. Karr and K. D. Perkins. 1,467,796; Sept. 11.
Refrigerating machine. E. Rüegger. 1,474,851; Nov. 20
Refrigerating machine. W. and J. O. Wishart. 1,449,848 Mar. 27.
Refrigerating machine, Air-. I. Lundgaard. 1,460,677; July 3.
Refrigerating machine, Air-. I. Lundgaard. 1,475,234: Nov. 27.
Refrigerating machines, Preventing the formation of frost crystals in the circulating lines of. H. J. Smith. 1,460,352; June 26.
Refrigerating machines, Safety device for. E. A. Riotte. 1,446,585; Feb. 27.
Refrigerating receptacle. E. C. Calkins. 1,465,930; Aug. 28.
Refrigerating system. G. Ferguson. 1,455,580; May 15.
Refrigerating system. M. P. Osbourn. 1,475,504–5; Nov. 27.
Refrigerating system. L. Penwell. 1,447,601; Mar. 6.
Refrigerating system. H. F. Taylor. 1,468,050; Sept. 18.
Refrigerating system. J. F. Winkler. 1,467,968; Sept. 11.
Refrigerating unit, Artificial. C. M. Holley. 1,463,999; Aug. 7.
Refrigeration. A. C. Stewart. 1,466,971; Sept. 4.
Refrigeration, Apparatus for. R. A. Willson. 1,455,156; May 15.
Refrigeration, Method and machine for. D. D. Myers. 1,469,729; Oct. 2.
Refrigeration, Process and apparatus for multiple-stage compression for. G. A. Horne. 1,471,732; Oct. 23.
Refrigeration, Process and machine for. W. Stewart. 1,478,863; Dec. 25.
Refrigerator. F. C. Ames and H. L. Merrill. 1,466,440; Aug. 28.
Refrigerator. M. V. Beauer. 1,468,098; Sept. 18.
Refrigerator. F. E. Calkins. 1,448,331; Mar. 13.
Refrigerator. C. G. Card. 1,459,280; June 19.
Refrigerator. A. F. von Codelli. 1,467,462; Sept. 11.
Refrigerator. L. G. Copeman. 1,444,589; Feb. 6.
Refrigerator. E. Eckl. 1,464,648; Aug. 14.
Refrigerator. A. Fosheim and A. Simons. 1,471,516; Oct. 23.
Refrigerator. K. Gross. 1,463,264; July 31.
Refrigerator. H. H. Hillman. 1,463,889; Aug. 7.
Refrigerator. A. T. Kasley. 1,477,127; Dec. 11.
Refrigerator. C. A. Ketterer. 1,462,968; July 24.
Refrigerator. F. T. Lynch. 1,462,206; July 17.
Refrigerator. J. H. McKim. 1,468,726; Sept. 25.
Refrigerator. E. M. Meyer. 1,451,917; Apr. 17.
Refrigerator. J. S. Meyer. 1,471,503; Oct. 23.
Refrigerator. W. S. Montgomery. 1,440,742; Jan. 2.
Refrigerator. J. F. Needham. 1,448,813; Mar. 20.
Refrigerator. A. Y. Phillips and C. Thompson. 1,474,847; Nov. 20.
Refrigerator. W. M. Rapp. 1,452,756; Apr. 24.
Refrigerator. J. Schulde. 1,447,733; Mar. 6.
Refrigerator. A. D. Sohmer. 1,443,438; Jan. 30.
Refrigerator. E. R. Tompkins. 1,442,588; Jan. 16.
Refrigerator. P. Vacatos. 1,465,657; Aug. 21.
Refrigerator. J. West and E. C. Campbell. 1,445,464; Feb. 13.
Refrigerator and cabinet, Combined. N. H. Franks. Des. 62,984; Sept. 4.
Refrigerator and candy support therefor, Coating. P. E. Dudley and H. Boice. 1,474,768; Nov. 20.
Refrigerator and cheese cutter, Combined. W. H. Harden. 1,476,608; Dec. 4.
Refrigerator and ice machine. H. B. Lindsay. 1,474,535; Nov. 20.
Refrigerator and wall case, Combination. E. Rolsky. Des. 61,864; Jan. 30.
Refrigerator, Automobile. C. J. Kerr. 1,466,906; Sept. 4.
Refrigerator construction. H. J. Gwyer. 1,452,271–2; Apr. 17.
Refrigerator construction. R. E. Ottenheimer. 1,478,527; Dec. 25.
Refrigerator, Counter. J. Schulde. 1,476,925; Dec. 11.
Refrigerator display. A. H. Ehrlich. 1,451,565; Apr. 10.
Refrigerator display counter. A. H. Ehrlich. 1,451,566; Apr. 10.
Refrigerator-door construction. A. W. Rowley and F. H. Ryder. 1,478,400; Dec. 25.
Refrigerator, Evaporative. J. B. Grond. 1,475,113; Nov. 20.
Refrigerator, Evaporative. L. Kirschmann. 1,473,593; Nov. 6.
Refrigerator, Evaporative iceless. C. C. Swartwood. 1,448,470; Mar. 13.
Refrigerator for meat markets. C. Fredberg. 1,448,361; Mar. 13.
Refrigerator, Household. A. L. Uberto. 1,457,950; June 5.
Refrigerator, Mechanical. C. Jaeger. 1,470,574; Oct. 9.
Refrigerator, Metal-covered. F. J. M. Curran. 1,445,299; Feb. 13.
Refrigerator or cold-storage room. A. H. Ehrlich. 1,469,631; Oct. 2.
Refrigerator-pan-signal. L. Weitzman. 1,443,402; Jan. 30.
Refrigerator, Portable. I. M. Hampton, J. T. and L. J. Decker 1,451,823; Apr. 17.
Refrigerator, Showcase. A. Cohen. 1,473,014; Nov. 6.
Refrigerator, Showcase. H. L. Hussmann. 1,476,972–3; Dec. 11.
Refrigerator, Showcase. J. Schulde. 1,476,926; Dec. 11.
Refrigerator show case and counter, Combined. R. R. Reid and F. Neudorff. 1,466,755; Sept. 4.
Refrigerator trap. H. J. Gwyer. 1,466,827; Sept. 4.
Refrigerator vehicle. L. B. Olin. 1,452,090; Apr. 17.
Refrigerators, Container support for. C. W. Wenke and C. A. Ketterer. 1,472,106; Oct. 30.
Refrigerators, Ice box for. E. Woerth. 1,462,436; July 17.
Refuse, Apparatus for the destruction of. R. Balmer. 1,460,565; July 3.
Refuse can, Nonbreakable. C. Bauer. 1,453,824; May 1.
Refuse-collecting wagon. J. Pullar. 1,460,078; June 26.
Refuse destruction. R. Balmer. 1,442,116; Jan. 16.
Refuse destructor and incinerator. F. R. Macdonald. 1,446,262; Feb. 20.
Refuse-destructor furnace. A. Bréchot. 1,463,790; Aug. 7.
Refuse-disposal plant. R. Balmer. 1,460,566; July 3.
Regenerative furnace. Open-hearth. J. Sénéchal. 1,443,805; Jan. 30.
Regenerator. J. V. Peterka. 1,452,216; Apr. 17.

Register: *See*—

Autographic register.
Barber-chair register.
Car register.
Card register.
Car-step register.
Cash register.
Chair register.
Coin-bank register.
Collapsible register.
Electric register.
Game register.
Golf-stroke register.
Hank register.
Manifolding register.
Miles-per-gallon register.
Pool-table register.
Printing-machine register.
Sales register.
Telephone-call register.
Ticket register.
Time register.
Valuation register.
Wall register.

Register. G. A. Byor. 1,451,761; Apr. 17.
Register. E. B. Hine. 1,449,230; Mar. 20.
Register. J. L. Stearns. 1,449,072; Mar. 20.
Register box and deflector, Combined. C. McVeety. 1,468,734; Sept. 25.
Register-operating mechanism. J. H. Egan. 1,459,879; June 26.
Register-operating means. W. M. Tulley. 1,476,558; Dec. 4.
Register or calculating machine, Cash. E. Breitling. 1,477,420; Dec. 11.
Register support and border. N. W. Manrow. 1,462,607; July 24.
Register wall guard. E. G. Heartick. 1,463,318; July 31.

Registering and squaring machine. V. Royle. 1,450,608; Apr. 3.
Registering machines, Printing mechanism for. H. Plasschaert. 1,457,391; June 5.
Registering mechanism. W. Arthur. 1,458,509; June 12.
Registering mechanism. A. Stuber. 1,478,010; Dec. 18.
Registering meter. L. A. Cherry. 1,471,100; Oct. 16.
Registering, Method of and appliance for. C. R. Smith. 1,477,392; Dec. 11.
Registering pressure gauge, Self-. J. A. Bowden. 1,465,725–6; Aug. 21.
Registering the time when record entries are made, Method of and apparatus for. H. L. Thomson. 1,465,498; Aug. 21.
Registers, Carry mechanism for. E. F. Britten, jr. 1,462,058; July 17.
Registers, Operating mechanism for. F. C. Harris. 1,459,730; June 26.
Registration-feed-board-operating mechanism. E. F. Dudley. 1,468,462; Sept. 18.
Regulating and controlling device, Automatic. R. E. Bechtold and A. W. Mellowes. 1,478,421; Dec. 25.
Regulating apparatus. F. H. Brown. 1,455,860; May 22.
Regulating device. L. Arnold. 1,459,967; June 26.
Regulating device. D. S. Jacobus. 1,455,337; May 15.
Regulating device. D. S. Jacobus. 1,458,297; June 12.
Regulating mechanism. F. H. Brown. 1,476,795; Dec. 11.
Regulator: *See*—
Automatic regulator.
Automobile speed regulator.
Automobile spring regulator.
Boiler-feed-water regulator.
Combustion regulator.
Damper regulator.
Dividing-board regulator.
Draft regulator.
Electric-furnace regulator.
Electric pressure regulator.
Electric regulator.
Electrical regulator.
Feed regulator.
Feed-water regulator.
Fluid regulator.
Fluid-pressure regulator.
Gas-pressure regulator.
Generator regulator.
Grain-loading-spout regulator.
Locomotive combustion regulator.
Oil pressure regulator.
Oil regulator.
Phonograph speed regulator.
Pressure regulator.
Ringing regulator.
Speed regulator.
Thermionic regulator.
Tone regulator.
Torsion-spring tension regulator.
Traffic regulator.
Voltage regulator.
Water-level regulator.
Water regulator.
Windmill regulator.
Window regulator.
Regulating and circuit-controlling apparatus. E. J. Blake. 1,452,587; Apr. 24.
Regulating device. A. M. Smith. 1,444,564; Feb. 6.
Regulating frequency, System for. H. E. Warren. 1,450,620; Apr. 3.
Regulator for systems of apparatus. A. C. Staley. 1,453,291; May 1.
Regulator system. E. Lehr. 1,460,161; June 26.
Regulator system. C. A. Boddie and R. E. Cullings. 1,470,681; Oct. 16.
Regulators, Pressed-metal fastening bracket for pipe-damper. J. Alsfasser. 1,469,375; Oct. 2.
Relasting machine. E. Brothers. 1,470,613; Oct. 16.
Relay. V. Brown and J. H. Pengilly. 1,478,547; Dec. 25.
Relay. F. A. Lundquist. 1,475,498; Nov. 27.
Relay. E. D. Mead. 1,478,045; Dec. 18.
Relay. H. W. Nichols. 1,478,051; Dec. 18.
Relay, Thermal. O. A. Colby. 1,464,498; Aug. 14.
Relay, Voice-operated. O. B. Blackwell. 1,453,430; May 1.
Releasing device. K. Stahl. 1,467,885; Sept. 11.
Releasing device, Automatic. J. S. Duncan and H. E. Hubbard. 1,441,491; Jan. 9.
Relief device, Safety. R. V. Bingay. 1,459,817; June 26.
Reliefs, Process and apparatus for the production of. W. Heise. 1,443,624; Jan. 30.
Relieving machine. F. Müller. 1,443,637; Jan. 30.
Relieving machine. F. Müller. 1,443,639; Jan. 30.
Relieving machinery. F. Müller and E. Wildhaber. 1,443,640; Jan. 30.
Reliner. I. C. Vance. 1,460,292; June 26.
Remagnetizing apparatus. J. C. Benner. 1,444,299; Feb. 6.
Remedy, Pyorrhea. I. Clifton. 1,466,578; Aug. 28.
Reminder signal. H. L. Beach. 1,475,782; Nov. 27.
Reminding device. G. I. Sullivan. 1,469,056; Sept. 25.
Removable elevator. J. J. Weyerman. 1,443,405; Jan. 30.
Removable-top continuous kiln. T. B. Moats. 1,447,682; Mar. 6.
Rendering apparatus. C. Offenhauser. 1,458,722; June 12.
Rendering process. J. Lister. 1,470,228; Oct. 9.
Renovator, Feather. H. A. Chadwick and R. A. Greene. 1,448,521; Mar. 13.
Repair bottom or plate. G. E. Russell. 1,475,321; Nov. 27.
Repair patches, Mold for forming. J. Robertson, jr. 1,454,655; May 8.
Repair stand, Motor-. A. R. Hammond and J. S. Carswell. 1,445,079; Feb. 13.
Repairing tool, Axle-bearing-. J. J. McGuckin. 1,457,119; May 29.
Repeater-control arrangement. C. S. Demarest and O. H. Loynes. 1,464,563; Aug. 14.
Repeater system. E. D. Johnson. 1,455,957; May 22.
Repeater system. R. C. Mathes. 1,470,238; Oct. 9.
Repeating attachment. H. L. Miller. 1,477,658; Dec. 18.
Repeating method and system. W. E. Beatty. 1,470,954; Oct. 16.
Reproducers, Stylus mounting for. J. A. Brown. 1,469,451; Oct. 2.
Reproducers, Stylus mounting for. C. Scrabic. 1,476,850; Dec. 11.
Rerailer. E. G. Jackson. 1,458,061; June 5.
Rerailer. L. F. Smith. 1,469,117; Sept. 25.
Resaws, Board-feeding device for. C. Johnson. 1,475,950; Dec. 4.
Reservoir and brake valve, Combined. A. B. Kendall. 1,474,836; Nov. 20.
Reservoir and making same, Sheet-metal. R. Hoffman. 1,462,640; July 24.
Reservoirs, Means for indicating and controlling the level of liquors in. H. D. Church. 1,449,655; Mar. 27.
Reservoirs, radiators, and the like, Stopper for. M. J. B. Barbarou. 1,462,783; July 24.
Resetting mechanism. J. L. Wheeler. 1,471,434; Oct. 23.
Resilient coupling. R. Siegfried. 1,460,181; June 26.
Resilient vehicle wheel. G. H. Lantz. 1,456,066; May 22.
Resilient wheel. A. J. Arnoldson. 1,455,517; May 15.
Resilient wheel. G. C. Atkinson. 1,458,020; June 5.
Resilient wheel. A. E. Bauman. 1,460,783; July 3.
Resilient wheel. A. J. Bentfield. 1,441,553; Jan. 9.
Resilient wheel. S. T. Brizendine. 1,448,107; Mar. 13.
Resilient wheel. I. W. Burns-Lindow. 1,474,926; Nov. 20.
Resilient wheel. B. F. Crum. 1,455,189; May 15.
Resilient wheel. P. D. De Olive. 1,474,664; Nov. 20.
Resilient wheel. J. L. Donat. 1,452,294; Apr. 17.
Resilient wheel. M. J. Duffy. 1,463,682; July 31.
Resilient wheel. G. A. Dufresne. 1,453,786; May 1.
Resilient wheel. A. A. Gietzelt. 1,476,200; Dec. 4.
Resilient wheel. V. Gil-Delgado. 1,465,125; Aug. 14.
Resilient wheel. M. Gralenski. 1,440,915; Jan. 2.
Resilient wheel. S. Grossman. 1,468,714; Sept. 25.
Resilient wheel. M. Harloe. 1,475,488; Nov. 27.
Resilient wheel. M. J. Helmick and T. L. Agnew. 1,450,740; Apr. 3.
Resilient wheel. G. G. Hinsdale. 1,442,805; Jan. 23.
Resilient wheel. O. O. Hobson. 1,451,827; Apr. 17.
Resilient wheel. J. C. Jackson. 1,450,778; Apr. 3.
Resilient wheel. F. Lauhoff. 1,473,483; Nov. 6.
Resilient wheel. E. F. Lieckfelt. 1,462,865; July 24.
Resilient wheel. I. Lincoln. 1,450,671; Apr. 3.
Resilient wheel. N. Malman. 1,446,053; Feb. 20.
Resilient wheel. F. V. Medynski. 1,440,479; Jan. 2.
Resilient wheel. A. A. Mendenhall. 1,463,369; July 31.
Resilient wheel. J. F. Miller. 1,451,706; Apr. 17.
Resilient wheel. J. F. Miller. 1,460,494; July 3.
Resilient wheel. T. Morinelli. 1,445,536; Feb. 13.
Resilient wheel. A. L. Morse. 1,446,922; Feb. 27.
Resilient wheel. L. J. Newman. 1,466,099; Aug. 28.
Resilient wheel. M. O'Connor. 1,469,393; Oct. 2.
Resilient wheel. H. M. Patch. 1,449,188; Mar. 20.
Resilient wheel. H. M. Patch and R. R. Romney. 1,451,269; Apr. 10.
Resilient wheel. P. de Pfyffer. 1,459,089; June 19.
Resilient wheel. A. T. Pryor. 1,462,624; July 24.
Resilient wheel. J. W. Rouprich. 1,459,992; June 26.
Resilient wheel. B. F. Seymour. 1,476,[illegible]7; Dec. 4.
Resilient wheel. F. A. Schaefer. 1,470,118; Oct. 9.
Resilient wheel. J. Schmidt. 1,467,199; Sept. 4.
Resilient wheel. E. Schultz. 1,460,446; July 3.
Resilient wheel. A. Sequeira. 1,463,064; July 24.
Resilient wheel. S. L. Sisti. 1,446,939; Feb. 27.
Resilient wheel. D. H. Smith. 1,474,737; Nov. 20.
Resilient wheel. P. W. Smith. 1,444,566; Feb. 6.
Resilient wheel. W. H. Smith. 1,454,342; May 8.
Resilient wheel. J. A. Stable. 1,477,292; Dec. 11.
Resilient wheel. T. I. Tingley. 1,447,362; Mar. 6.
Resilient wheel. G. E. Vinnedge. 1,462,891; July 24.
Resilient wheel. S. D. Warner. 1,455,180; May 15.
Resilient wheel. M. T. Weston. 1,441,958; Jan. 9.
Resilient wheel. C. E. Wiggins. 1,464,461; Aug. 7.
Resilient wheel. W. A. Witten. 1,473,918; Nov. 13.
Resilient wheel. S. Yankauer. 1,459,565; June 19.
Resin, Acetylene-aldehyde fusible. E. E. Novotny and D. S. Kendall. 1,470,637; Oct. 16.
Resin and preparation, Artificial. C. Ellis. 1,477,870; Dec. 18.
Resin from wood with the aid of oil of turpentine, Extracting. E. Scheller. 1,465,565; Aug. 21.
Resin, Producing. S. P. Miller and J. B. Hill. 1,464,851; Aug. 14.
Resin, Production of. C. M. Dennis. 1,468,440; Sept. 18.
Resinous condensation products, Manufacture of. H. Plauson. 1,451,843; Apr. 17.
Resinous products. L. Weisberg. 1,443,935; Jan. 30.
Resins and oleoresins, Preparation of artificial. H. Wuyts. 1,469,709; Oct. 2.
Resins from phenol and formaldehyde, Manufacture of artificial. I. Pollak and E. Möhring. 1,475,446; Nov. 27.

Resins, Production of artificial. A. Heinemann. 1,441,981; Jan. 9.
Resistance. A. J. Horton. 1,468,946; Sept. 25.
Resistance, Adjustable high. C. P. Brockway. 1,445,610; Feb. 13.
Resistance element. A. R. Swoboda. 1,448,578; Mar. 13.
Resistance unit, Variable-. W. J. Cameron. 1,451,678; Apr. 17.
Resister-supporting means. T. A. Reid. 1,444,940; Feb. 13.
Resistor. B. O. Austin. 1,475,735; Nov. 27.
Resistor. M. M. Kohn. 1,473,107; Nov. 6.
Resistor element. Q. A. Brackett. 1,451,529; Apr. 10.
Resistor mounting plates, Supporting. T. A. Reid. 1,443,590; Jan. 30.
Resonator, Piezo-electric. W. G. Cady. 1,450,246; Apr. 3.
Resorcine, Purifying. T. N. Dissosway. 1,446,551; Feb. 27.
Resorcine, Removing impurities from. T. N. Dissosway. 1,446,550; Feb. 27.
Respirator. R. Malcom. 1,453,365; May 1.
Respiratory apparatus. A. B. Dräger. 1,472,117; Oct. 30.
Restraining device. J. G. Diffendaffer. 1,449,502; Mar. 27.
Retardation device. C. D. Ainsworth. 1,467,752; Sept. 11.
Retort. H. Howard. 1,477,491; Dec. 11.
Retort. A. C. Michie and E. G. Weeks. 1,447,680; Mar. 6.
Retort. L. Simpson. 1,441,380; Jan. 9.
Retort for destructive evolution and oxidation. C. F. Ott. 1,478,247; Dec. 18.
Retort furnace. C. V. McIntire. 1,457,083; May 29.
Retort, Oil-shale. W. M. Strong. 1,462,023; July 17.
Retort, Shale. W. A. Lamb. 1,471,492; Oct. 23.
Retorts, Discharge seal for. H. H. Russell. 1,449,197; Mar. 20.
Retorts, Machine for charging furnace. J. E. Pedersen. 1,451,176; Apr. 10.
Retreading machine. R. C. King. 1,465,826; Aug. 21.
Return bends, Making. C. K. Lassiter and J. Kindervater. 1,442,480; Jan. 16.
Return connections, Manufacture of. J. Lenté. 1,463,762; July 31.
Reverser, Automatic. S. and R. O. Berg. 1,476,793; Dec. 11.
Reversible cushion. V. M. McGarvey. 1,469,523; Oct. 2.
Reversible lock. E. L. Teich. 1,469,829; Oct. 9.
Reversing and control switch. O. Bahls. 1,450,572; Apr. 3.
Reversing blower kiln. H. D. Tiemann and R. Thelen. 1,451,747; Apr. 17.
Reversing machines, Controller for. E. L. Dunn. 1,458,902; June 12.
Reversing mechanism. S. Cressey. 1,471,245; Oct. 16.
Reversing mechanism. J. A. Dienner. 1,471,148; Oct. 16.
Reversing mechanism. O. J. Marshick and E. L. Crosby. 1,457,312; June 5.
Reversing mechanism, Cushioning device for. H. E. Townsend. 1,454,987; May 15.
Reversing mechanism having stationary sleeve. D. C. Klausmeyer. 1,455,401; May 15.
Revolver, Folding. H. Rosier. 1,454,454; May 8.
Revolving screen. G. M. Stedman. 1,473,745–6; Nov. 13.
Rewinding machine. L. A. Straubel. 1,452,228; Apr. 17.
Rewinding machines, Thread guard for. E. E. Kaufman. 1,443,897; Jan. 30.
Rheostat. R. B. Austrian. 1,454,030; May 8.
Rheostat. W. L. Brooks. 1,466,293; Aug. 28.
Rheostat. G. W. Camp. 1,453,829; May 1.
Rheostat. W. G. Clark. 1,455,903; May 22.
Rheostat. E. G. Danielson. 1,460,408; July 3.
Rheostat. R. R. Dunlop. 1,471,391; Oct. 23.
Rheostat. A. C. Gilbert. 1,445,678; Feb. 20.
Rheostat. J. Guthrie and J. W. Simmons. 1,443,469; Jan. 30.
Rheostat. P. Harris. 1,450,919; Apr. 10.
Rheostat. S. R. Hipple. 1,458,105; June 5.
Rheostat. L. Kebler. 1,453,682; May 1.
Rheostat. L. Kebler. 1,472,914; Nov. 6.
Rheostat. A. A. Kent. 1,445,324; Feb. 13.
Rheostat. G. M. Little. 1,470,758; Oct. 16.
Rheostat. L. C. Martin. 1,473,915; Nov. 13.
Rheostat. A. P. Morgan. 1,459,070; June 19.
Rheostat. J. T. Rhamstine. 1,449,249; Mar. 20.
Rheostat. F. A. Rojas. 1,455,735; May 15.
Rheostat. F. A. Rojas. 1,458,500–1; June 12.
Rheostat. L. A. Seiss. 1,449,557; Mar. 27.
Rheostat. H. N. Wade. 1,464,857; Aug. 14.
Rheostat. A. E. Waller. 1,474,060; Nov. 13.
Rheostat. W. S. Webster. 1,475,667; Nov. 27.
Rheostat and cut-out, Combined. J. E. Jenkins. 1,474,367; Nov. 20.
Rheostat and socket, Combined. C. Klemmer and W. P. Koechel. 1,451,024; Apr. 10.
Rheostat and the like. E. R. Stockle. 1,461,634; July 10.
Rheostat, Pressure. H. L. Bradley. 1,464,025; Aug. 7.
Rheostat socket. C. B. King. 1,464,487; Aug. 7.
Rheostat with auxiliary contact system. D. H. Sheriff, jr. 1,461,072; July 10.
Ribbon-holding device. E. A. Marion. 1,470,631; Oct. 16.
Ribbon mechanism. M. C. Crawley. 1,455,110; May 15.
Ribbon mount, Medal-. C. F. Gaunt. 1,450,722; Apr. 3.
Ribbon shift and vibrating mechanism. M. C. Crawley. 1,455,111; May 15.
Ribbon, textile fabric, or article of similar nature. E. Speck. Des. 62,862; Aug. 7.
Ribbon, textile fabric, or similar article. E. Speck. Des. 62,746; July 24.
Ribbon, textile fabric, or similar article. E. Speck. Des. 62,964; Aug. 28.
Rice, Apparatus for sowing. A. Cabrini. 1,443,342; Jan. 30.
Rice huller. D. J. Hayes. 1,477,262; Dec. 11.
Rice-hulling machine. W. D. Chaney. 1,443,213; Jan. 23.
Rice, Preparing whole. A. M. Saint. Re. 15,522; Jan. 9.
Riddle. G. N. Collins. 1,465,931; Aug. 28.
Riddle. G. N. Collins. 1,468,261; Sept. 18.
Rifle. E. F. L. Fritz. 1,462,169; July 17.
Rifle and hand grenade. R. D. Day. 1,448,436; Mar. 13.
Rifle demonstrator. J. G. P. Stokes. 1,457,407; June 5.
Rifle grenade. F. T. Burt. 1,463,993; Aug. 7.
Rifle sight. I. C. Spencer. 1,450,823; Apr. 3.
Rifle sight, Telescope. W. S. Belding. 1,459,944; June 26.
Rifle sight, Telescope. W. S. Belding. 1,450,349; Apr. 3.
Rifles, Sight base for. H. S. Seely. 1,454,865; May 15.
Rigging, Coupling-release. S. H. Campbell. 1,455,386; May 15.
Rim. T. F. McCambridge. 1,449,185; Mar. 20.
Rim. L. H. Perlman. 1,478,528; Dec. 25.
Rim. E. O. Stebber. 1,462,426; July 17.
Rim. R. M. Zacharias. 1,447,199; Mar. 6.
Rim and tire. E. Boyce. 1,444,653; Feb. 6.
Rim, Automatic boltless. A. Forsman. 1,456,375; May 22.
Rim band. J. L. Kegley. 1,464,136; Aug. 7.
Rim breaker. E. Hunter. 1,463,891; Aug. 7.
Rim, Collapsible. H. Schaechterle. 1,471,925; Oct. 23.
Rim connecting hook. F. R. Klaus. 1,464,823; Aug. 14.
Rim constricting and expanding device. H. Flfer. 1,460,319; June 26.
Rim construction, Demountable-. J. G. Swain. 1,473,525; Nov. 6.
Rim, Demountable. W. R. Coulson. 1,478,103; Dec. 18.
Rim, Demountable. S. S. Davis. 1,465,159; Aug. 14.
Rim, Demountable. R. J. Donogh. 1,465,354; Aug. 21.
Rim, Demountable. C. Esmarian. 1,468,443; Sept. 18.
Rim, Demountable. A. L. Fouché. 1,463,260; July 31.
Rim, Demountable. E. E. Frederick. 1,471,595; Oct. 23.
Rim, Demountable. M. C. Hall. 1,467,852; Sept. 11.
Rim, Demountable. J. O. Hinerman. 1,470,569; Oct. 9.
Rim, Demountable. R. Houser. 1,446,705; Feb. 27.
Rim, Demountable. O. L. Ingram. 1,455,730; May 15.
Rim, Demountable. J. T. and R. E. Landis. 1,447,311; Mar. 6.
Rim, Demountable. C. G. Lundstrom. 1,476,528; Dec. 4.
Rim, Demountable. J. G. Reed. 1,455,733; May 15.
Rim, Demountable. J. B. Roesch. 1,460,278; June 26.
Rim, Demountable. L. and F. J. Rosebush. 1,467,881; Sept. 11.
Rim, Demountable. W. Ryan. 1,459,993; June 26.
Rim, Demountable. M. Seed. 1,458,007; June 5.
Rim, Demountable. E. M. Sisley. 1,477,290; Dec. 11.
Rim, Demountable. S. B. Varner. 1,455,684; May 15.
Rim, Demountable. J. E. Wander. 1,465,196; Aug. 14.
Rim, Demountable. J. K. Wilkens. 1,461,592; July 10.
Rim, Demountable, collapsible. L. B. and J. E. Spencer. 1,466,765; Sept. 4.
Rim, Demountable split. P. A. White. 1,465,070; Aug. 14.
Rim, Detachable. C. F. Rubsam. 1,478,581; Dec. 25.
Rim, Elastic. L. Carlberger. 1,466,205; Aug. 28.
Rim fstener, Demountable-. N. Greisch. 1,459,204; June 19.
Rim fastening, Demountable-. W. E. Williams. 1,467,410; Sept. 11.
Rim-handling device. D. A. Davies. 1,454,627; May 8.
Rim lock and release, Split. H. R. Malsbary. 1,441,235; Jan. 9.
Rim lock, Collapsible. H. Schaechterle. 1,447,894; Mar. 6.
Rim lock, Demountable-. H. Taylor. 1,453,295; May 1.
Rim lug. J. E. Bunts. 1,444,657; Feb. 6.
Rim mounting. W. W. Vosburgh. 1,447,108; Feb. 27.
Rim or the like, Demountable. V. Tornabene. 1,441,309; Jan. 9.
Rim, Sectional. A. Bennett and J. H. Hatchett. 1,455,857; May 22.
Rim, Sectional and demountable. L. B. Harvey. 1,458,406; June 12.
Rim, Separable. J. M. Dirienzo. 1,474,244; Nov. 13.
Rim, Separable. A. B. Rognlie. 1,474,555; Nov. 20.
Rim, Split demountable. H. E. Geiver. 1,455,481; May 15.
Rim, Spring. T. H. Bell and J. G. Schoenleber. 1,454,829; May 8.
Rim, Spring. P. Eisenbach. 1,455,997; May 22.
Rim stand, Demountable-. L. J. Genett. 1,463,465; July 31.
Rim-straightening device. A. J. Drolshagen. 1,459,908; June 26.

Rim structure. J. B. Atkins. Re15,533; Jan. 30.
Rim tool. P. B. Bastarache. 1,449,806; Mar. 27.
Rim tool. C. L. Emry. 1,445,825; Feb. 20.
Rim tool. W. T. Ivey. 1,446,423; Feb. 20.
Rim tool. G. Lafever and B. E. Hawley. 1,443,750; Jan. 30.
Rim tool. R. J. Murray. 1,470,095; Oct. 9.
Rim tool. K. Okamoto. 1,475,135; Nov. 20.
Rim tool. G. E. Sall. 1,466,964; Sept. 4.
Rim tool. G. V. Sears. 1,441,377; Jan. 9.
Rim tool. J. C. Theberath. 1,472,571; Oct. 30.
Rim tool and wheel puller. H. W. Crane. 1,476,692; Dec. 11.
Rim tool, Collapsible. S. O. Holland. 1,449,405; Mar. 27.
Rim tool, Split-. A. L. Levy. 1,461,194; July 10.
Rim, Two-piece. A. Windmaiser. 1,478,934; Dec. 25.
Rim, Wheel. E. Dettelbach. 1,463,549; July 31.
Rim wrench, Demountable-. J. B. Drahonovsky. 1,476,058; Dec. 4.
Rimming press. T. H. Williams. 1,466,079; Aug. 28.
Rims, Device for breaking, contracting, and expanding. C. L. Lewis. 1,441,231; Jan. 9.
Rims, Implement for expanding demountable. A. Conti and A. Borroni. 1,467,135; Sept. 4.
Rims, Lock for demountable. W. B. Henkel. 1,466,553; Aug. 28.
Rims, Locking device for wheel. W. A. Clench. 1,476,952; Dec. 11.
Rims, Means for securing removable. J. R. Winter. 1,462,529; July 24.
Rims, Quick-releasable device for demountable. C. G. Branstrator. 1,441,657; Jan. 9.
Rims, Retaining device for demountable. C. G. Taylor. 1,474,453; Nov. 20.
Rims, Shim plate for demountable. H. J. Hick. 1,476,011; Dec. 4.
Rims, Shim plate for demountable. A. E. Shea. 1,459,346; June 19.
Rims, Tool for contracting and expanding split. J. Sutherland. 1,463,854; Aug. 7.
Rims, Tool for demountable. J. H. Caplan. 1,471,099; Oct. 16.

Ring: *See*—

Binder ring.	Neck ring.
Bobbin ring.	Nose ring.
Brake ring.	Packing ring.
Cattle-leading ring.	Piston ring.
Curtain ring.	Piston and piston ring.
Finger ring.	Piston packing ring.
Floss ring.	Sealing ring.
Follower ring.	Spinning ring.
Furnace-casing ring.	Spring ring.
Hog ring.	Steam ring.
Key ring.	Twister ring.
Lead ring.	Twisting ring.
Lens ring.	Watch ring.
Lug ring.	Watchcase filler ring.

Ring. C. W. Bailey. Des. 62,975; Sept. 4.
Ring. C. J. Barth and J. R. Pierce. Des. 62,977–80; Sept. 4.
Ring. E. E. Bross. Des. 62,470; June 12.
Ring. T. H. Clarke. Des. 62,859; Aug. 7.
Ring. T. H. Clarke. Des. 62,885; Aug. 31.
Ring. O. T. Hodnefield. Des. 62,727; July 24.
Ring. E. Hyman. Des. 62,146; Mar. 27.
Ring. H. G. Kaufman. Des. 61,913; Feb. 6.
Ring. C. E. Miller, jr. Des. 63,479; Dec. 11.
Ring. W. S. Robertson. Des. 62,414; May 22.
Ring. F. A. Shimp. Des. 62,539; June 19.
Ring. J. Simmons. Des. 62,922; Aug. 21.
Ring. A. A. O. Seeler. 1,442,738; Jan. 16.
Ring. F. L. Steeg. Des. 63,380; Nov. 27.
Ring contractor. J. O. Pollack. 1,465,682; Aug. 21.
Ring-display holder. A. Meng. Des. 62,786; July 31.
Ring-forming machine. S. Price. 1,468,673; Sept. 25.
Ring gauge, Adjustable. B. H. Blood. 1,477,534; Dec. 18.
Ring mesh and chain machine. J. M. Weber. 1,478,808; Dec. 25.
Ring molds and the like, Manufacturing. P. Kucera. 1,453,278; May 1.
Ring or similar article. J. W. Mayer. Des. 62,063; Mar. 13.
Ring spinning, doubling, and twisting machinery, Driving apparatus for. T. Whitehead. 1,471,674; Oct. 23.
Ring-testing machine. W. J. Benoit and G. L. Pierce. 1,446,149; Feb. 20.
Ring traveler. G. H. Gilligan. 1,464,674; Aug. 14.
Ring traveler. P. C. Wentworth. 1,461,059; July 10.
Ring-turning device. W. S. Peterson. 1,468,127; Sept. 18.
Ring twisting or spinning device. H. G. Beede. 1,450,348; Apr. 3.
Ringer set, Composite. J. F. Toomey and W. H. Harrison. 1,462,526; July 24.
Ringing regulator. J. F. Toomey. 1,446,526; Feb. 27.
Ringing system, Party-line revertive. A. E. Lundell and G. Thompson. 1,450,321; Apr. 3.
Rings and packing-ring blank, Making metallic. R. A. Light and J. W. Price, jr. 1,470,537; Oct. 9.
Rings and ring findings, Manufacturing finger. M. Simson. 1,477,458; Dec. 11.
Rings, Forming. J. H. Stone. 1,442,240; Jan. 16.
Rings, Making asbestos friction clutch. L. Kirschbraun. 1,450,319; Apr. 3.
Rings, Making blade. C. Steenstrup. 1,470,503; Oct. 9.
Rings, Making clutch. L. Kirschbraun. 1,447,347; Mar. 6.
Rings, Making resilient split. J. G. Anderson. 1,450,346; Apr. 3.
Rings, Making traveler. R. Crompton. 1,458,573; June 12.
Rings, Manufacturing. M. Simson. 1,477,457; Dec. 11.
Rings, Method and apparatus for covering. B. A. Evans and I. Zwisler. 1,476,807; Dec. 11.
Rinse tub. P. O. Vanatter. 1,466,862; Sept. 4.
Ripsaw sticker head. J. C. Williams. 1,450,659; Apr. 3.
Rivet. C. B. Weaver. 1,469,977; Oct. 9.
Rivet. N. Zierten. 1,473,137; Nov. 6.
Rivet connections, Device for producing. H. Junkers. 1,476,756; Dec. 11.
Rivet heads, Stationary die for. C. Lembcke. 1,442,675; Jan. 16.
Rivet heater, Electric. W. S. Johnson and J. W. Sheffer. 1,452,511–3; Apr. 24.
Rivet heater, Electric. E. Schröder. 1,440,750; Jan. 2.
Rivet holder. W. E. Ferguson. 1,450,414; Apr. 3.
Rivet holder. J. Matonick. 1,477,579; Dec. 18.
Rivet or the like heating furnace. J. R. C. August. 1,475,218; Nov. 27.
Rivet remover. W. S. Harley. 1,469,594; Oct. 2.
Rivet, Self-anchoring. R. S. Smith. 1,457,008; May 29.
Rivet set. R. Hervig. 1,452,507; Apr. 24.
Rivet set. G. H. Knebusch. 1,442,223; Jan. 16.
Rivet set. W. Meyer. 1,474,978; Nov. 20.
Rivet set and making same. J. J. Coffey. 1,446,879; Feb. 27.
Riveter. J. L. Bernard. 1,463,146; July 24.
Riveter. C. J. Walker. 1,454,777; May 8.
Riveter, Pneumatic. E. Rehfeld. 1,460,272; June 26.
Riveters, Tool for pneumatic. J. Mason. 1,462,293; July 17.
Riveting. H. Junkers. 1,446,973; Feb. 27.
Riveting apparatus. J. H. Way. 1,469,864; Oct. 9.
Riveting, calking, stonecutting, etc., Electrically-driven reciprocating tool for. J. J. Roberts. 1,458,439; June 12.
Riveting device. C. H. Lane and J. H. Steele. 1,447,670; Mar. 6.
Riveting device. H. Junkers. 1,446,972; Feb. 27.
Riveting device. P. D. McNaughton. 1,467,679; Sept. 11.
Riveting devices or hammers, Tool for power-operated. V. L. Emerson. 1,474,025; Nov. 13.
Riveting machine. J. O. Bailey. 1,450,198; Apr. 3.
Riveting machine. C. Dornier. 1,467,536; Sept. 11.
Riveting machine. R. P. Richards. 1,472,938; Nov. 6.
Riveting machine, Needle-latch-. J. A. Calder. 1,447,755; Mar. 6.
Riveting press. J. F. Gail. 1,444,909; Feb. 13.
Riveting tool. T. Hoff, L. C. Shelton, and A. MacMillan. 1,471,605; Oct. 23.
Riveting tool. R. Pettit. 1,447,819; Mar. 6.
Rivets, Implement for placing and chucking split. C. O. Westby. 1,444,290; Feb. 6.
Rivets, Method and mechanism for continuously producing and setting. H. Stuebner. 1,456,079; May 22.
Roach trap. W. Winters. 1,473,069; Nov. 6.
Road and ditch machine. E. and F. Allen. 1,444,490; Feb. 6.
Road and street cutter. A. Zilbersher. 1,446,368; Feb. 20.
Road-bearing meter. F. J. Troll. 1,458,920; June 12.
Road-building and ditch-cleaning machine. G. A. Stevens. 1,466,569; Aug. 28.
Road-cleaning means. J. Walker. 1,449,075; Mar. 20.
Road construction. J. B. Watts. 1,473,134; Nov. 6.
Road-crossing signal. P. A. Johnson. 1,476,403; Dec. 4.
Road crossings, Signal device for. H. Heimendinger. 1,464,819; Aug. 14.
Road-ditching machine. E. Prendergast. 1,454,336; May 8.
Road drag. M. Stoffel. 1,452,260; Apr. 17.
Road form. H. A. Trester. 1,471,074; Oct. 16.
Road form and rail. O. B. Pulis. 1,449,626; Mar. 27.
Road-grading machine. C. K. Stockland. 1,457,862; June 5.
Road-grading machine, Power-operated. E. M. Wheelock. 1,453,231; Apr. 24.
Road guard. J. A. Lawson. 1,449,518; Mar. 27.
Road leveler. W. E. Gaddis. 1,453,346; May 1.
Road machine. E. G. Carr. 1,444,108; Feb. 6.
Road machine. K. Christenson. 1,456,882; May 29.
Road machine. O. Heintz. 1,447,306; Mar. 6.
Road machines, Combination blade extension and wing for. W. T. Beatty. 1,466,464; Aug. 28.
Road maintaining and resurfacing machine. O. B. Walters. 1,460,930; July 30.
Road-making machine. W. J. Fitzgerald. 1,467,243; Sept. 4.
Road material, Spreader for. J. A. Johnston. 1,457,928; June 5.
Road or pavement. J. B. Page. 1,473,629; Nov. 13.
Road plane. W. H. Jennings. 1,463,120; July 24.
Road roller. A. W. Aitken. 1,470,315; Oct. 9.

Road rollers. Frame structure for. A. W. Aitken. 1,446,409; Feb. 20.
Road scraper. E. J. Jackoboice. 1,478,436; Dec. 25.
Road signal. C. E. Lyman. 1,478,972; Dec. 25.
Road surfaces, Apparatus for applying binding media to. S. E. Finley. 1,462,903; July 24.
Road-surfacing mechanism. M. Vena. 1,468,528; Sept. 18.
Road-treating machine, Interchangeable. W. S. Goodell. 1,473,405; Nov. 6.
Roadster sections, Hinge joint for convertible. B. V. Gilmore. 1,454,784; May 8.
Roadway gate. J. Harsen. 1,468,471; Sept. 18.
Roadways, Contraction joint for. B. Briody. 1,460,841; July 3.
Roadways, Process and composition for making. J. S. Robeson. 1,445,240; Feb. 13.
Roadways, Treating. S. E. Finley. 1,462,902; July 24.
Road-working apparatus. J. J. Martin. 1,476,263; Dec. 4.
Roaster: *See*—
Coffee roaster.
Roasting furnace. H. C. Holthoff. 1,450,900; Apr. 3.
Roasting furnace. J. Thomas. 1,454,798; May 8.
Roasting machine. E. A. Bostrom. 1,452,409; Apr. 17.
Roasting pan. L. D. Sutton. 1,471,219; Oct. 16.
Robe confiner. A. M. Bowzer. 1,447,374; Mar. 6.
Rock crusher. W. R. Young. 1,459,130; June 19.
Rock drill. G. Griesche. 1,452,734; Apr. 24.
Rock drill. C. C. Hansen. 1,443,128; Jan. 23.
Rock drill. J. J. McNamara. 1,455,640; May 15.
Rock drill. C. R. Welch. 1,452,581; Apr. 24.
Rock drill and the like, Percussive. R. de H. St. Stephens and A. Ewing. 1,466,516; Aug. 28.
Rock drill, Rotary. J. Henritzi. 1,467,479; Sept. 11.
Rock drills, Automatic air-feed and rotation-motor control for. L. C. Bayles. 1,472,040; Oct. 30.
Rock drills, Column or support for. L. C. Bayles. 1,450,709; Apr. 3.
Rock drills, Oiling device for. C. C. Hansen. 1,478,220; Dec. 18.
Rock drills, Rotation for. H. A. Guiley. 1,464,930; Aug. 14.
Rock drills, Rotation release for. H. A. Guiley. 1,476,814; Dec. 11.
Rock, Machine for removing and crushing. P. H. Wiertz. 1,462,096; July 17.
Rocker. R. Schwarz. Des. 63,330; Nov. 20.
Rocker. L. Trojan. 1,449,709; Mar. 27.
Rocker arm. J. F. Kytlica. 1,477,269; Dec. 11.
Rocker arm. S. B. Shaw. 1,478,679; Dec. 25.
Rockers, Fan attachment for. A. T. Roman. 1,475,160; Nov. 20.
Rocking and rolling chair, Combined. J. N. Sheller. 1,445,453; Feb. 13.
Rocking chair. O. B. Strickland. Des. 63,045; Sept. 18.
Rod: *See*—
Casting rod.
Choke rod.
Connecting rod.
Curtain rod.
Extensible rod.
Fish rod.
Fishing rod.
Level rod.
Leveling rod.
Lightning rod.
Link-joint-connecting rod.
Piston rod.
Pitman rod.
Radius rod.
Sheet-metal radius rod.
Switchman's rod.
Tie rod.
Welding rod.
Rod and arm combination. W. Noble. 1,447,222; Mar. 6.
Rod and wrist-pin connecting device, Connecting. A. C. Mason. 1,444,352; Feb. 6.
Rod connector. C. G. Palmer. 1,445,234; Feb. 13.
Rod coupling. H. Allen. 1,459,869; June 26.
Rod coupling, Connecting-. L. H. Calaway. 1,449,034; Mar. 20.
Rod elevator. C. E. Sitzman. 1,452,127; Apr. 17.
Rod head, Push-. H. J. Coyle. 1,449,973; Mar. 27.
Rod mill. H. W. Hardinge. 1,449,751; Mar. 27.
Rod straightening and testing device, Connecting. J. S. Buckwalter. 1,477,688; Dec. 18.
Rod-testing appliance, Connecting-. A. J. Koon, J. Hoogerhyde, and J. E. Collins. 1,460,548; July 3.
Rods, Device for babbitting connecting. C. Erickson, jr. 1,456,634; May 29.
Rods, Device for truing connecting. W. C. Coryell. 1,461,309; July 10.
Rods, Elevator for sucker. N. A. Jennet. 1,458,415; June 12.
Rods, Guide fixture for template. C. W. Ford. 1,449,506; Mar. 27.
Rods, Machine for cutting the pointed ends from. R. A. Stevens. 1,478,683; Dec. 25.
Rods, Machine for milling. A. R. Fors. 1,476,066; Dec. 4.
Rods, Safety clamp for diamond-drill. N. W. Morisette. 1,458,906; June 12.
Rodent trap. W. H. Goss. 1,456,981; May 29.
Rodents, Apparatus for destroying. H. E. Callahan. 1,464,148; Aug. 7.
Roll-balancing mechanism. L. Lee. 1,452,347; Apr. 17.
Roll cleaner. F. La Chapelle. 1,451,990; Apr. 17.
Roll cutter. M. Clark. 1,477,693; Dec. 18.
Roll feed device. A. I. Donnell and H. F. Wruck. 1,472,964; Nov. 6.
Roll, Finishing. G. Baehr. 1,458,381; June 12.
Roll-gauging machine. J. F. Flaherty. 1,458,929; June 19.
Roll holder. O. Juvet. 1,467,896; Sept. 11.
Roll-retaining device. A. W. Christ. 1,460,946; July 3.
Roller: *See*—
Car-door roller.
Corrugated roller.
Curtain roller.
Hand roller.
Land roller.
Printing roller.
Road roller.
Shade roller.
Take-up and adjustable roller.
Roller. W. G. Bosworth. 1,452,824; Apr. 24.
Roller. R. D. Scott and J. G. Cadwell. 1,445,107; Feb. 13.
Roller. W. Ware. 1,469,344; Oct. 2.
Roller bearer. G. E. Runyon. 1,449,628; Mar. 27.
Roller clearer, Top-. M. Sutton and T. Williams. 1,462,774; July 24.
Roller coaster. C. G. Feucht. 1,440,586; Jan. 2.
Roller coaster. S. Makepeace. 1,463,137; July 24.
Roller-coaster running gear. C. G. Feucht. 1,440,588; Jan. 2.
Roller coasters, Safety device for. C. G. Feucht. 1,440,587; Jan. 2.
Roller distributor. J. M. López. 1,459,109; June 19.
Roller drill, Cross-. H. R. Hughes and R. C. Kuldell. 1,444,074; Feb. 6.
Roller, drum, sheave, pulley, and the like. C. S. Anderson and R. Wood. 1,448,989; Mar. 20.
Roller mill. F. E. Marcy. Re16,620–2; June 5.
Roller mills, Device and process for feeding. A. Gillespie. 1,450,723; Apr. 3.
Roller-rubbing washer. A. Gruhn. 1,469,314; Oct. 2.
Roller screen. F. R. Koenig. 1,453,939; May 1.
Roller spring control. B. J. Hausfeld. 1,468,107; Sept. 18.
Roller tool, Expanding. R. F. Salisbury. 1,460,079; June 26.
Rollers and other articles, Apparatus for gauging. L. M. Ellis. 1,472,589; Oct. 30.
Rolling ball and like game or game apparatus. M. M. Dessau. 1,446,288; Feb. 20.
Rolling machine. A. Eppler. 1,472,058; Oct. 30.
Rolling machine, Plaster-bandage-. W. H. Cunningham. 1,442,129; Jan. 16.
Rolling machines, Guide mechanism for sheet-metal-. E. M. Foster. 1,440,385; Jan. 2.
Rolling mill. J. E. Fawell. 1,442,025; Jan. 9.
Rolling mill. J. E. Fawell. 1,478,992; Dec. 25.
Rolling mill. C. P. Fuller. 1,464,702; Aug. 14.
Rolling mill. J. M. Perry. 1,466,459; Aug. 28.
Rolling mill. H. A. Roemer. 1,467,880; Sept. 11.
Rolling mill. F. Steinecke. 1,474,124; Nov. 13.
Rolling mill. H. Stüting. 1,451,060; Apr. 10.
Rolling mill. F. Wille. 1,477,616; Dec. 18.
Rolling-mill apparatus. F. Mayer. 1,474,055; Nov. 13.
Rolling-mill operations, Method of and appliance for use in. L. Jones. 1,441,354; Jan. 9.
Rolling-mill ragging mechanism. G. J. Bryen. 1,463,036; July 24.
Rolling mills, Indicator for the adjusting screws of. P. C. Haldeman. 1,456,491; May 22.
Rolling mills, Manipulator for. C. W. Benjamin. 1,447,274; Mar. 6.
Rolling mills, Manipulator for. D. F. Nisbet. 1,462,454; July 17.
Rolling mills, Means for controlling continuous. A. Crook. 1,466,642; Aug. 28.
Rolling mills, Relief device for. N. Metz. 1,468,825; Sept. 25.
Rolling mills, Roll for. S. E. Diescher. 1,478,509; Dec. 25.
Rolling mills, Roll of. L. Dostal. 1,469,410; Oct. 2.
Rolling stock, Brake for tramway and railway. A. W. Maley. 1,459,788; June 26.
Rolls, Cover for ironing. H. M. Horne. 1,478,229; Dec. 18.
Rolls, Delivering material from. W. M. Wheildon. 1,456,291; May 22.
Rolls, Grinding machine for forming. H. Wickstrom and P. J. Shea. 1,465,538; Aug. 21.
Rolls, Machine for the manufacture of bread. H. Fétaz. 1,454,672; May 8.
Rolls, Securing the ends of. W. M. Wheildon. 1,465,786; Aug. 21.
Röntgen images against secondary rays, Grid for protecting. G. Bucky. 1,476,048; Dec. 4.
Röntgenographs, Means for causing registration of. A. W. Buck. 1,445,290; Feb. 13.
Roof. O. L. Henderson. 1,447,175; Mar. 6.
Roof. J. McQueen. 1,449,766; Mar. 27.
Roof. G. C. Trice. 1,467,017; Sept. 4.
Roof and floor construction. E. C. Hoge. 1,464,711; Aug. 14.
Roof and means for securing shingles to a roof. J. A. Topping. Re15,556; Mar. 6.
Roof and roof covering. F. C. Overbury. 1,447,567; Mar. 6.
Roof and wall construction. P. M. Piel. 1,458,498; June 12.
Roof, Car. C. D. Bonsall. 1,455,776–7; May 22.
Roof clamp. C. C. White. 1,451,639; Apr. 10.
Roof construction. H. E. Marks. 1,458,770; June 12.
Roof covering. M. Rachlin. 1,446,858; Feb. 27.

Roof covering. E. R. Snyder and C. W. Mortimer. 1,462,772; July 24.
Roof covering. H. R. Wardell. 1,466,077; Aug. 28.
Roof covering, Flexible. N. Z. Butterick. 1,445,991; Feb. 20.
Roof edging. J. Saul. 1,470,331; Oct. 9.
Roof flashing. A. G. Butler. 1,464,406; Aug. 7.
Roof leader and roof vent. J. J. Lyth. 1,442,625; Jan. 16.
Roof lug. H. C. Hames. 1,452,599; Apr. 24.
Roof made of undulated sheet iron, Arched. E. E. Debongnie. 1,467,925; Sept. 11.
Roof, Metallurgical-furnace. C. J. Crawford. 1,477,811; Dec. 18.
Roof or floor construction. H. E. Marks. 1,466,056; Aug. 28.
Roof or floor construction. H. E. Marks. 1,475,349; Nov. 27.
Roof or floor construction. H. E. Marks. 1,475,846–7; Nov. 27.
Roof-plate form. L. Engeset. 1,461,182; July 10.
Roof, Sheet-metal. R. A. Workman. 1,454,097; May 8.
Roof structure. W. C. Broughton. 1,470,054; Oct. 9.
Roof structure. E. Flagg. 1,465,899; Aug. 21.
Roof structure. A. Lamm and J. F. Schroeder. 1,450,182; Apr. 3.
Roof structure. P. L. McKee. 1,440,478; Jan. 2.
Roof-supporting method and apparatus, Mine-. E. C. Morgan. 1,450,329; Apr. 3.
Roof truss. M. Korn. 1,466,174; Aug. 28.
Roof truss. W. M. Pratt. 1,440,695; Jan. 2.
Roofing. W. J. Dremann. 1,467,779; Sept. 11.
Roofing. H. L. Guy. 1,469,041; Sept. 25.
Roofing. R. C. Neptune. 1,444,550; Feb. 6.
Roofing cleat, Seal-tight. W. C. Johnson. 1,447,986; Mar. 13.
Roofing construction, Strip-. T. Robinson. 1,474,380; Nov. 20.
Roofing element. H. Abraham. 1,473,919; Nov. 13.
Roofing element. T. Robinson. 1,449,058; Mar. 20.
Roofing element, Prepared. A. R. Purdy. 1,460,827; July 3.
Roofing fastener, Roll-. A. A. Griswold. 1,471,156; Oct. 16.
Roofing machine. H. Cumfer and O. D. McFarland. 1,448,203; Mar. 13.
Roofing machine. T. J. Lords and G. P. Lennartz. 1,471,043; Oct. 16.
Roofing machine. T. J. Lords and G. P. Lennartz. 1,471,493; Oct. 23.
Roofing, Making prepared. W. H. Cady. 1,450,712; Apr. 3.
Roofing material. T. B. Lehon. 1,445,777; Feb. 20.
Roofing material. F. Reisig, jr. 1,442,002; Jan. 9.
Roofing material. H. F. Weiss. 1,467,594; Sept. 11.
Roofing material, Method of and apparatus for making flexible. H. MacInnes. 1,454,323; May 8.
Roofing, Means of identifying prepared. A. R. Purdy. 1,447,265; Mar. 6.
Roofing, Method and apparatus for ornamenting mineral-surfaced. C. J. Pater. 1,472,884; Nov. 6.
Roofing, Method and machine for making prepared. A. E. Currier. 1,456,224; May 22.
Roofing, Method of and apparatus for making ornamental. F. C. Overbury. 1,472,227; Oct. 30.
Roofing product, Apparatus for making. H. A. Cumfer. 1,469,555; Oct. 2.
Roofing products, Apparatus for making. C. E. Rahr and R. T. Pollock. 1,475,595; Nov. 27.
Roofing, Self-locking wireless molded. F. Openshaw. 1,454,070; May 8.
Roofing sheet. J. F. Daut. 1,444,170; Feb. 6.
Roofing, Sheet-metal. H. L. Olden. 1,459,855; June 26.
Roofing-strip blanks, Forming. F. C. Overbury. 1,475,551; Nov. 27.
Roofs, Securing shingles to. W. J. Mountford. 1,463,482; July 31.
Room, Portable dark. T. Morykwas. 1,446,762; Feb. 27.
Room, Restaurant. E. R. Smith. 1,463,633; July 31.
Roost. D. J. Foshee. 1,456,056; May 22.
Roost and nest, Sanitary. T. C. Beatty. 1,447,460; Mar. 6.
Roost, Chicken. J. R. Lyon. 1,449,612; Mar. 27.
Roost, Collapsible. N. Egan. 1,452,366; Apr. 17.
Roosting device. Anti-sparrow. M. J. Noonan. 1,478,139; Dec. 18.
Root-canal point. G. L. Miller. 1,463,963; Aug. 7.
Root extractor. R. E. Olds. 1,443,034; Jan. 23.
Rope. E. M. Adams, jr. 1,446,141; Feb. 20.
Rope and cable grip, Spiral. G. J. Zink. 1,458,261; June 12.
Rope and cable tie. W. J. Flowers. 1,452,338; Apr. 17.
Rope clamp. C. Beecken. 1,457,051; May 29.
Rope clamp. R. E. Jordan, jr. 1,471,034; Oct. 16.
Rope clamp. J. B. Woodbury and G. C. Soule. 1,460,633; July 3.
Rope coupling. C. Watson. 1,466,495; Aug. 28.
Rope fastener. L. A. Girot. 1,459,329; June 19.
Rope guide. J. R. Weaver. 1,453,576; May 1.
Rope hitch. A. L. Shaner. 1,461,498; July 10.
Rope-joining clamp. E. Saundry. 1,459,265; June 19.
Rope, Jump. G. C. La Sares. 1,462,088; July 17.
Rope-making machines, Tension device for. W. H. Fullington. 1,447,538; Mar. 6.
Rope, Metallic. G. Bell. 1,465,801; Aug. 21.
Rope, Ornamental. S. G. Mandalian. 1,464,720; Aug. 14.
Rope socket. W. Harris. 1,443,895; Jan. 30.
Rope socket and jar. M. C. Hazard. 1,470,445; Oct. 9.
Rope structure. F. Riesenberg. 1,445,556; Feb. 13.
Rope structure. H. V. Whitlock. 1,442,790; Jan. 16.
Rope-untwisting apparatus. P. B. Jagger. 1,448,543; Mar. 13.
Ropes, Balancing of the weight of. L. Thallmayer. 1,470,780; Oct. 16.
Rosary. E. B. Evans. Des. 63,129; Oct. 16.
Rossing machine. E. and A. Berthiaume. 1,465,621; Aug. 21.
Rossing machine. J. Moravec. 1,456,328; May 22.
Rotary bin. W. B. Hodges. 1,468,108; Sept. 18.
Rotary cutter. L. Di Carlo. 1,465,075; Aug. 14.
Rotary cutter. S. Di Felippo. 1,473,698; Nov. 13.
Rotary cutter. R. H. Lansing. 1,447,091; Feb. 27.
Rotary drier. G. Engel, sr. 1,453,312; May 1.
Rotary drier. A. J. Grindle. 1,477,823; Dec. 18.
Rotary engine. H. S. Booth. 1,447,833; Mar. 6.
Rotary engine. T. Charlton. 1,456,222; May 22.
Rotary engine. A. E. Greene. 1,456,232; May 22.
Rotary engine. E. C. Groves. 1,477,950; Dec. 18.
Rotary engine. M. B. Kato. 1,456,603; May 29.
Rotary engine. S. E. Kochendarfer. 1,453,683; May 1.
Rotary engine. F. G. O'Rourke. 1,473,249; Nov. 6.
Rotary engine. G. Pagonis. 1,478,352; Dec. 18.
Rotary engine. C. L. and L. F. Ragot. 1,475,509; Nov. 27.
Rotary engine. J. Vigliano. 1,457,951; June 5.
Rotary engine. H. W. Wendt. 1,448,476; Mar. 13.
Rotary engine. W. Willerton. 1,463,988; Aug. 7.
Rotary engine. T. E. Wood. 1,446,079; Feb. 20.
Rotary jar. J. A. Kammerdiner. 1,469,305; Oct. 2.
Rotary kiln. S. S. McGrath. 1,453,851; May 1.
Rotary machine. F. Egersdörfer. 1,466,276; Aug. 28.
Rotary machine. M. J. Paget. 1,459,637; June 19.
Rotary sleeve valved two-cycle engine. T. W. Paterson. 1,441,111; Jan. 2.
Rotary switch. A. Nelson. 1,476,911; Dec. 11.
Rotary ventilator. L. B. Sharpnack. 1,477,669; Dec. 18.
Rotating jar. C. R. Edwards. 1,450,024; Mar. 27.
Rotating kiln. H. H. Hindshaw. 1,441,351; Jan. 9.
Rotating mechanism. H. H. Mercer. 1,445,151–2; Feb. 13.
Rouge and powder puff, Combined. W. D. Roy. 1,459,931; June 26.
Rouge pad and receptacle therefor. W. G. Kendall. 1,449,415; Mar. 27.
Rough rounder. L. E. Johnson, O. T. Peterson, and L. A. Popp. 1,463,823; Aug. 7.
Rough rounder and channeling machine. L. E. Johnson. 1,470,083; Oct. 9.
Route indicator. G. H. Meade. 1,470,385; Oct. 9.
Route indicator. E. Shrubsole. 1,454,793; May 8.
Route indicator. S. Zetterbaum. 1,471,439; Oct. 23.
Routing head. A. Marceau. 1,465,226; Aug. 14.
Routing machine. T. C. Hansen. 1,462,962; July 24.
Routing machine. A. H. Segler. 1,449,450; Mar. 27.
Routing mechanism. E. A. Laughlin. 1,462,234; July 17.
Roundabout. J. E. Kotlik. 1,457,035; May 29.
Roundabout, Gyratory. E. Kohler. 1,465,012; Aug. 14.
Rounder or channeler, Rough. F. E. Valois. 1,445,248; Feb. 13.
Rounding machine. C. C. Blake. 1,476,040; Dec. 4.
Roust-box cover. G. E. Kent. 1,449,416; Mar. 27.
Roving and spinning frames, etc., Cap bar for. G. F. Albrecht. 1,443,111; Jan. 23.
Rubber and ebonite substitutes, Manufacture of. H. Plauson. 1,471,059; Oct. 16.
Rubber and other heavy plastic material, Machine for treating. F. H. Banbury. 1,449,930; Mar. 27.
Rubber and producing same, Accelerating the vulcanization of. S. J. Peachey. 1,443,381; Jan. 30.
Rubber and product obtained thereby, Treating. S. M. Cadwell. 1,449,493; Mar. 27.
Rubber and product obtained thereby, Vulcanizing. S. M. Cadwell. 1,445,621; Feb. 20.
Rubber and products obtained thereby, Treating. C. E. Bradley and S. M. Cadwell. 1,444,865; Feb. 13.
Rubber and products obtained thereby, Vulcanizing. S. M. Cadwell. 1,440,961–4; Jan. 2.
Rubber and the like plastic substances, Treatment of raw. S. C. Davidson. 1,446,737; Feb. 27.
Rubber, Apparatus for treating. W. H. Bines. 1,456,211; May 22.
Rubber articles, Means for shaping. G. S. Stringfield. 1,472,256; Oct. 30.
Rubber articles, Method of and apparatus for making hollow. A. L. Schavoir. 1,441,603; Jan. 9.
Rubber articles, Strain-resisting element for. A. E. Jury. 1,444,076; Feb. 6.
Rubber attachment. F. J. Rothacher. 1,464,342; Aug. 7.
Rubber bale. E. Hopkinson. 1,442,218; Jan. 16.
Rubber balls, Apparatus for the manufacture of hollow India. A. Lawton. 1,467,438; Sept. 11.
Rubber blanket, Pneumatic. H. A. King and E. O. Isler. 1,464,716; Aug. 14.

Rubber boot. A. A. Glidden. Des. 62,671; July 17.
Rubber, Calendering. L. P. Beauregard. 1,469,875; Oct. 9.
Rubber, Can. F. E. Hannula and W. E. Trombley. 1,444,501; Feb. 6.
Rubber coatings, Electrodeposition of. S. E. Sheppard and L. W. Eberlin. 1,476,374; Dec. 4.
Rubber composition. N. D. Nielsen. 1,463,905; Aug. 7.
Rubber composition and making same. H. L. Fisher. 1,473,285; Nov. 6.
Rubber composition and making same. P. Schidrowitz. 1,443,149; Jan. 23.
Rubber composition, Unvulcanized. F. W. Stockton. 1,455,893; May 22.
Rubber compounds, Filler and accelerator for. A. W. Gould. 1,463,781; July 31.
Rubber-cushion wheel. E. H. Aitkens. 1,459,430; June 19.
Rubber, Embedding cords in. H. N. Wayne. 1,464,632; Aug. 14.
Rubber, Employing derivatives of the condensation products of amines and aldehydes in the vulcanization of. C. O. North. 1,467,984; Sept. 11.
Rubber footwear. T. E. La Fayette, A. A. Glidden, and J. J. Gaughan. 1,455,140; May 15.
Rubber footwear. W. B. Wiegand. 1,465,504; Aug. 21.
Rubber footwear, Forming outsoles for. S. W. Bourn. 1,471,587; Oct. 23.
Rubber footwear, Machine for making outsoles for. S. W. Bourn. 1,471,588; Oct. 23.
Rubber for washing or cleaning purposes, Hand. M. M. Dessau. 1,469,917; Oct. 9.
Rubber gloves. G. F. Underwood and W. Luffsmith. 1,469,029; Sept. 25.
Rubber goods, Apparatus for use in the manufacture of. T. Sloper. 1,477,391; Dec. 11.
Rubber goods, Manufacture of dipped. M. M. Harrison. 1,445,080; Feb. 13.
Rubber goods, Mold for. T. Davis. 1,472,053; Oct. 30.
Rubber heel. F. J. Altenkirk. 1,470,045; Oct. 9.
Rubber heel. C. D. Armstrong. Des. 61,885; Feb. 6.
Rubber heel. W. Enoch. 1,476,288; Dec. 4.
Rubber heel. L. Kaplan. 1,467,547; Sept. 11.
Rubber heel. A. Monastero. Des. 61,876; Feb. 6.
Rubber heel. G. Ross. Des. 63,041; Sept. 18.
Rubber heel. C. W. Shaeffer. 1,458,446; June 12.
Rubber heel. J. Van Melle. 1,458,257; June 12.
Rubber heel and fastening device. H. L. Beal. 1,448,049; Mar. 13.
Rubber heel, Detachable. W. A. Maloney. 1,466,407; Aug. 28.
Rubber heel lift. C. H. Oakley. 1,452,891; Apr. 24.
Rubber heels, Mold for. W. Bernstein. 1,465,775; Aug. 21.
Rubber heels, Mold for. L. Holmes. 1,451,510; Apr. 10.
Rubber latex, Preparation of preservative substances for. S. C. Davidson. 1,447,930; Mar. 6.
Rubber, Machine for cutting sheet. S. W. Bourn. 1,445,990; Feb. 20.
Rubber, Machine for cutting sheet. L. H. Rand. 1,449,445; Mar. 27.
Rubber, Manufacture of. W. Feldenheimer, W. W. Plowman, and P. Schidrowitz. 1,458,693; June 12.
Rubber mats, etc., Mold for. L. M. Bickett. 1,453,123; Apr. 24.
Rubber mixer or like machine. D. R. Bowen. 1,457,343; June 5.
Rubber molds, Lubricating. A. G. Voltz. 1,462,563; July 24.
Rubber or like material and process and apparatus for making same, Hollow articles of. H. Z. Cobb. 1,455,240; May 15.
Rubber or rubber-coated article. L. Minton. 1,455,544; May 15.
Rubber outsoles to shoes, Apparatus for applying. F. W. Hodges. 1,465,824; Aug. 21.
Rubber overshoes, Elastic hinge for. G. L. Zucker. 1,447,586; Mar. 6.
Rubber paving and flooring block or slab. W. A. Williams. 1,465,033; Aug. 14.
Rubber pipes and the like, Adjustable clamp for. R. J. Hammond. 1,475,487; Nov. 27.
Rubber, Preparation for treating articles of. J. B. G. Taber. 1,464,143; Aug. 7.
Rubber, Preserving uncured. H. J. Butler. 1,444,061; Feb. 6.
Rubber, Preventing transmigration of vulcanizing agent in. J. P. Coe. 1,469,895; Oct. 9.
Rubber, Process and apparatus for treating. G. B. Britton. 1,440,371; Jan. 2.
Rubber, Reclaiming vulcanized. W. B. Pratt. 1,461,675; July 10.
Rubber retainer. R. S. Rowe and G. Weinle. 1,465,180; Aug. 14.
Rubber rollers, Apparatus for making. S. E. Schroeder. 1,457,290; May 29.
Rubber sole. G. Ferguson. 1,454,885; May 15.
Rubber soles, Manufacture of. G. Ferguson. 1,447,239; Mar. 6.
Rubber solution and producing it, Vulcanized-. W. B. Pratt. 1,451,711; Apr. 17.
Rubber, Stitching machine for joining. T. B. Huestis. 1,462,859; July 24.
Rubber-tired wheel. H. J. Ferris. 1,466,210; Aug. 28.
Rubber vulcanization. G. H. Stevens and C. H. Eaton. 1,465,743; Aug. 21.
Rubber, Vulcanizing. W. F. Russell. 1,467,197; Sept. 4.
Rubber, Vulcanizing. H. A. Winkelmann and H. Gray. 1,478,088; Dec. 18.
Rubber waste, Acidizing. R. A. Terhune. 1,450,462; Apr. 3.
Rubberized cord fabric, Apparatus for the production of weftless. E. Hopkinson and A. E. Jury. 1,462,858; July 24.
Rubberizing fabric. F. C. Hall. 1,444,459; Feb. 6.
Rubbing block. A. F. Wright and W. A. Stone. 1,455,559; May 15.
Rudder. J. J. Toner. 1,478,928; Dec. 25.
Rudder bar. O. W. Timm. 1,478,308; Dec. 18.
Rudder control. M. C. Baumann. 1,462,531; July 24.
Rudder, Shock-absorbing. J. V. Martin. 1,464,209; Aug. 7.
Rudders, Reversing. J. R. Alexander. 1,449,803; Mar. 27.
Rug. F. Cartwright. Des. 61,821–5; Jan. 23.
Rug. J. Enis. Des. 63,288; Nov. 20.
Rug. F. A. Haas. Des. 61,771–81; Jan. 9.
Rug. J. H. Handley. Des. 62,946; Aug. 28.
Rug. H. A. Miller. Des. 63,304; Nov. 20.
Rug. H. A. Miller. Des. 63,306; Nov. 20.
Rug. F. F. Rainsford. Des. 62,961; Aug. 28.
Rug. E. G. Sauer. Des. 63,328; Nov. 20.
Rug. A. H. Waldo. Des. 62,116–28; Mar. 27.
Rug and making the same. R. S. Mathis. 1,464,879; Aug. 14.
Rug, Automobile. D. W. Cushman. 1,464,061; Aug. 7.
Rug-cleaning frame. H. W. Hoadley. 1,445,081; Feb. 13.
Rug-hanging machine. P. J. Shampay. 1,460,448; July 3.
Rug manufacture. C. F. Bacon. 1,452,776; Apr. 24.
Rug reenforcement. O. Brunka. 1,457,921; June 5.
Rugs and the like and making the same, Fringe for. A. E. Neff. 1,470,097; Oct. 9.
Rugs, carpets, and other like articles, Machine for displaying. J. W. Gheen. 1,466,876; Sept. 4.
Rugs, Cleaning. G. S. Barsumian. 1,465,249; Aug. 21.
Rugs or the like, Support for dyeing or drying. W. E. Olson. 1,475,026; Nov. 20.
Rugs, Preparing strands for weaving. W. E. Olson. 1,445,793; Feb. 20.
Rule and border type or slug-cutting machines, Work-holding and positioning device for. J. Logue. 1,452,809; Apr. 24.
Rule, Circular slide. J. F. Keller and F. J. Badge. 1,455,339; May 15.
Rule, Folding. F. Buck. 1,460,784; July 3.
Rule-form machine. E. Appelquist. 1,474,924; Nov. 20.
Rule forms, Apparatus for setting. C. J. Farrar. 1,453,787; May 1.
Rule holder, Safety-. D. Charest and A. Lapointe. 1,442,127; Jan. 16.
Rule, Measuring. M. C. Merrill. 1,469,944; Oct. 9.
Rule, Slide. W. B. Eaton and T. D. LaMay. 1,461,975; July 17.
Rule, Slide. O. D. Parsons. 1,459,857; June 26.
Rule, Slide. C. N. Reynolds, jr. 1,461,677; July 10.
Rule, square, and level, Combination. R. E. McGowan and F. W. McCorry. 1,469,167; Sept. 25.
Rule, Tailor's. E. A. Gruber. 1,456,547; May 29.
Ruler and blotter, Combined. A. Azcona. 1,460,935; July 3.
Ruler attachment. J. J. Ahearn. 1,453,900; May 1.
Rules, Joint for folding. F. Buck. 1,455,042; May 15.
Rules, Machine for casting column. H. C. Gammeter. 1,476,503; Dec. 4.
Rules, Runner for slide. C. F. Dieckmann. 1,440,914; Jan. 2.
Ruling apparatus. A. Broadmeyer. 1,449,376; Mar. 27.
Ruling machine. W. H. Hope. 1,461,002; July 3.
Ruling-machine guide. E. Larson. 1,464,945; Aug. 14.
Ruling machines, Perforating attachment for. W. G. Knights 1,473,632; Nov. 13.
Runner. J. W. Hruska. 1,447,472; Mar. 6.
Runner. C. A. Howell. 1,454,514; May 8.
Runner attachment. J. De Lotto. 1,465,463; Aug. 21.
Runner carrier. N. O. Nelson. 1,457,595; June 5.
Running-board apron guards. S. L. Hoopes and A. A. Gietzelt. 1,461,903; July 17.
Running board extension. J. H. Eaton. 1,478,031; Dec. 18.
Running board mat and light, Combined. W. Dobschutz. 1,460,316; June 26.
Running board, Replacement. W. J. Spiro. 1,443,598; Jan. 30.
Running-board support. A. T. Sturt. 1,467,656; Sept. 11.
Runway, Overhead. P. Martin. 1,454,937; May 15.
Rust from metal articles, Removing. J. S. Gravely. 1,459,910; June 26.
Rust-removing compound. J. J. Varn Buhler. 1,473,529; Nov. 6.
Saccharine materials, Decolorizing and purification of. J. J. Hood and J. and P. G. Clark. 1,452,739; Apr. 24.
Sachet bag or similar article. J. F. Stewart. Des. 63,666; Dec. 25.
Sack-closing machine. H. O. Harding and J. Jessen. 1,469,083; Sept. 25.
Sack holder. H. M. Hanson. 1,446,346; Feb. 20.

Alphabetical list of inventions—Continued.

Sack holder. E. Taylor. 1,457,047; May 29.
Sack holder. C. Walldow. 1,453,961; May 1.
Sack lifting and other purposes, Sling or grip for. A. Claydon. 1,472,325; Oct. 30.
Sack, Pick. J. T. Campbell. 1,457,344; June 5.
Sack turning and measuring machine. A. E. Yates. 1,465,200; Aug. 14.
Sacks, Knotting mechanism for tying. F. O. Lindgren. 1,459,833; June 26.
Sacking device. J. E. Jewell. 1,467,323; Sept. 11.
Saddle. A. W. Hawkins. 1,462,885; July 24.
Saddle cover. J. H. and F. A. Rimpler. 1,467,878; Sept. 11.
Saddle, Cushion. H. and F. Mesinger. 1,474,977; Nov. 20.
Saddle, Cycle, motor-cycle, and analogous. A. H. Lawrence. 1,469,227; Oct. 2.
Saddle, Harness. J. D. Keller. 1,459,214; June 19.
Saddle. F. Mesinger. 1,462,976; July 24.
Saddle. C. B. Mills. 1,461,282; July 10.
Sadiron. H. C. Downey. 1,476,057; Dec. 4.
Sadiron. J. H. Gray. 1,445,833; Feb. 20.
Sadiron connection, Gas-heated. O. W. Sabold. 1,478,531; Dec. 25.
Sadiron, Electric. S. T. Arnold. 1,470,047; Oct. 9.
Sadiron, Electric. W. C. Boswell. 1,471,823; Oct. 23.
Sadiron holder, Safety. H. L. Jorgensen and A. N. Poulin. 1,455,026; May 15.
Sadiron stand, Removable. J. H. Barrett. 1,443,339; Jan. 30.
Sadiron support. F. Dougherty. 1,472,866; Nov. 6.
Safe. T. M. Aiken. 1,440,948; Jan. 2.
Safe. R. Bräuer. 1,467,419; Sept. 11.
Safe. J. Butscher and J. Schroder. 1,447,462; Mar. 6.
Safe. M. Mosler and C. Bartels. 1,464,213; Aug. 7.
Safe. A. W. Reiling. 1,469,810; Oct. 9.
Safe and vault door. A. L. West. 1,454,460; May 8.
Safe and vault protector. W. C. Beckwith. 1,451,974; Apr. 17.
Safe, Burglarproof. J. H. Dunnington. 1,449,739; Mar. 27.
Safe construction. E. G. Lehman. 1,447,794; Mar. 6.
Safe, Fireproof. C. F. Meilink. 1,473,117; Nov. 6.
Safe lock, Combination. M. C. Hoard; 1,455,912; May 22.
Safe, Messenger's portable. J. C. Butner. 1,468,991; Sept. 25.
Safe, Money. H. S. Royse. 1,468,836; Sept. 25.
Safe or vault doors, and the like, Pressure system for. G. M. Goldsmith and C. P. Bartels. 1,469,638–9; Oct. 2.
Safe or vault plate. M. L. Hartmann. 1,468,362; Sept. 18.
Safe or vault plate. O. Hutchins and C. E. Hawke. 1,444,610; Feb. 6.
Safe, safe cabinet, and similar fire-resisting structures. M. Mosler and C. Bartels. 1,441,874; Jan. 9.
Safes and safety vaults, Protective apparatus for. E. V. Lorig and U. G. Graham. 1,451,581; Apr. 10.
Safes and strong rooms, Lock of. L. L. McDermott. 1,468,245; Sept. 18.
Safety and pickproof lock. J. G. Shilanski. 1,445,723; Feb. 20.
Safety and signal device. M. Wright, and H. Becker. 1,446,237; Feb. 20.
Safety appliance. J. P. Tennis. 1,469,462; Oct. 2.
Safety box. E. G. D. Harmsen and M. Kalafatovic. 1,447,079; Feb. 27.
Safety catch. E. Morehouse. 1,456,140; May 22.
Safety deposit box. J. Voss. 1,463,182; July 31.
Safety device. R. Breyer. 1,446,823; Feb. 27.
Safety device. C. M. Bradford and D. W. Bunker. 1,450,407; Apr. 3.
Safety device. D. W. Bunker. 1,477,537; Dec. 18.
Safety device. J. C. Farmer. 1,466,932; Sept. 4.
Safety device. H. E. Iskow. 1,475,998; Dec. 4.
Safety device. W. E. James. 1,469,652; Oct. 2.
Safety device. B. S. Lee. 1,454,898; May 15.
Safety device and switch. C. L. Johnston and C. M. F. Friden. 1,458,418; June 12.
Safety device, Electrically-controlled power-cut-out. G. Galpin and D. H. Baer. 1,472,212; Oct. 30.
Safety device, Multiple-form. D. S. Coe. 1,474,663; Nov. 20.
Safety-first reminder. C. M. Stewart. 1,451,597; Apr. 10.
Safety hoisting hook. H. E. Drews. 1,446,002; Feb. 20.
Safety holder. M. Abrahams. 1,459,429; June 19.
Safety hook. F. A. Young. 1,458,453; June 12.
Safety lock. A. S. Capdevila. 1,478,274; Dec. 18.
Safety lock. G. Soolton. 1,448,283; Mar. 13.
Safety lock, Combination gasoline. R. C. Porteous and J. A. Tannahill. 1,444,083; Feb. 6.
Safety operating mechanism. H. De Smith. Re15,611; May 22.
Safety pin. J. H. Cargill. 1,458,029; June 5.
Safety pin. W. C. Hoffmaster. 1,466,226; Aug. 28.
Safety pin. G. W. Markos. 1,452,747; Apr. 24.
Safety pin. W. W. Maxey. 1,456,070; May 22.
Safety pin. A. J. Smith and F. T. Frederick. 1,451,478; Apr. 10.
Safety pin. F. M. Wagner. 1,474,127; Nov. 13.
Safety pin. N. L. Weare. 1,477,199; Dec. 11.
Safety switch. H. P. Ridgely. 1,466,481; Aug. 28.
Sagger structure. F. J. Tone. 1,448,011; Mar. 13.
Sagger-making machines, Blank-transfer mechanism for. F. J. Wolff. 1,452,331; Apr. 17.
Salad dressing. W. H. and B. Scholl. 1,474,445; Nov. 20.
Salamanders, Remotion of blast-furnace. G. W. Vreeland and G. E. Wisener. 1,455,313; May 15.
Sales-book cover. F. Hachmann. 1,459,506; June 19.
Sales-book, Manifolding. E. K. Bottle. 1,458,265; June 12.
Sales register, Tax-. M. H. Bowdle. 1,472,900; Nov. 6.
Sales-slip holder. J. F. Fulfs. 1,472,559; Oct. 30.
Salicylate of aluminum, Preparation of basic. J. Altwegg. 1,447,501; Mar. 6.
Salicylates, Making. M. E. Putnam and J. McCreadie. 1,459,900; June 26.
Saliva ejector. J. Grünberg. 1,447,020; Feb. 27.
Saliva ejector, Sanitary individual. N. B. Riddle. 1,471,207; Oct. 16.
Salt and pepper shaker. A. J. Flauder. Des. 62,927; Aug. 21.
Salt and pepper shaker. A. J. Flauder. Des. 62,941–2; Aug. 28.
Salt and the like, Preparing. H. W. Bartlett. 1,459,082; June 19.
Salt-cake cup. A. C. Lippert. 1,466,132; Aug. 28.
Salt manufacture. C. L. Weil. 1,478,990; Dec. 25.
Salt press. J. P. Madden. 1,460,026; June 26.
Salt press, Hydraulic. G. Kershner. 1,461,093; July 10.
Salt shaker. L. N. Mowry and E. Lovig. 1,446,101; Feb. 20.
Salt solutions, Decomposing mixed metal-. H. Pauling. 1,452,813; Apr. 24.
Salt, Storing. A. Schilling. 1,458,442; June 12.
Salts, 2,7-dialkyl-3-dialkylamino-6-amino-10-alkylacridinium. H. Grünhagen. 1,473,550; Nov. 6.
Salts, Manufacture of guanidine. J. S. Blair and J. M. Braham. 1,441,206; Jan. 9.
Salvaging method and apparatus. A. Allan. 1,469,574; Oct. 2.
Salve or ointment. G. G. Bowlus. 1,470,422; Oct. 9.
Sample case. T. B. Bartels. 1,456,613; May 29.
Sample container. F. C. Schlitzer. 1,457,551; June 5.
Sample rack. M. Goldberger. 1,463,950; Aug. 7.
Sample-taking advice. W. J. Loofs and C. C. Cox. 1,457,583; June 5.
Sand and gravel, Apparatus for treating. R. W. Moser. 1,461,067; July 10.
Sand and gravel obtained in brown-coal open workings, Depositing method for the masses of. W. Weber. 1,452,994; Apr. 24.
Sand, Apparatus for separating. G. R. Young. 1,467,348; Sept. 11.
Sand-blast apparatus. E. J. and R. H. Moore. 1,462,295–6; July 17.
Sand-blast apparatus. C. G. Smith. 1,443,762; Jan. 30.
Sand-blast machine. D. P. Cleveland. 1,462,786; July 24.
Sand-blast machine. I. M. Kemp and E. C. Wiederhold. 1,476,619; Dec. 4.
Sand-blast machine. L. Muste. 1,467,488; Sept. 11.
Sand cleaner. J. Kovach. 1,448,596; Mar. 13.
Sand cores, Method of and means for making and setting green-. W. J. Gilmore. 1,476,069; Dec. 4.
Sand cutting and screening machine. H. L. Wadsworth. 1,475,729; Nov. 27.
Sand-cutting machine. A. Nelson and L. R. Wonderling. 1,443,586; Jan. 30.
Sand-cutting machine. H. L. Wadsworth. 1,443,772–3; Jan. 30.
Sand-cutting machine. H. L. Wadsworth. 1,466,863; Sept. 4.
Sand-feeding mechanism. H. W. B. Graham. 1,454,438; May 8.
Sand-handling apparatus. J. Grunt. 1,463,691; July 31.
Sand hopper, Pneumatic. D. J. Campbell. 1,447,376; Mar. 6.
Sand-mixing device. C. W. Bryson. 1,469,886; Oct. 9.
Sand molds, Method and apparatus for forming. C. W. Coleman. 1,475,935; Dec. 4.
Sand-reel-operating mechanism. R. W. Sage and H. R. Boughner. 1,476,648; Dec. 4.
Sand-spout hinge. J. F. Ward. 1,448,646; Mar. 13.
Sand swab. J. Penrod and R. D. Thompson. 1,455,850; May 22.
Sand trap. J. M. Fleming. 1,455,871; May 22.
Sandal. P. Carrington. 1,463,672; July 31.
Sandal. J. H. Hamilton. Des. 62,905; Aug. 21.
Sanding device. C. R. Van Dusen. 1,442,987; Jan. 23.
Sandpapering roll. G. R. Keltie. 1,469,307; Oct. 2.
Sandwiches, Device for making. R. O. Fraser. 1,478,113; Dec. 18.
Sanitary belt. J. Stein. 1,475,985; Nov. 27.
Sanitary dispensing apparatus. F. Younger. 1,463,415; July 31.
Sanitary dispensing apparatus. F. J. Younger. 1,449,571; Mar. 27.
Sanitary drinking device. W. B. Allen. 1,469,771; Oct. 9.
Sanitary drinking device. H. Ozlek. 1,459,311; June 19.
Sanitary leather-making device. J. Campanella. 1,457,985; June 5.
Sanitary-napkin supporter. C. B. Williams and S. F. Barker. 1,447,367; Mar. 6.
Sanitary seat. F. Galizia. 1,450,283; Apr. 3.
Sanitary seat cover. I. D. Wilder. 1,456,685; May 29.

Sanitary waste receptacle. T. Weisz. 1,472,707; Oct. 30.
Sanitation appliance. C. Ahlteen. 1,442,841; Jan. 23.
Sanitarium, Portable mountain-air. F. Batter. 1,466,652; Aug. 28.
Sanitariums, Timing apparatus for mountain-air. F. Batter. 1,466,653; Aug. 28.
Sash adjusters, Operating means for. L. Roth. 1,452,616; Apr. 24.
Sash and screen door, Combination. J. D. Sellars. 1,467,953; Sept. 11.
Sash and window screen, Combined storm. B. F. Ladue. 1,467,330; Sept. 11.
Sash antirattler. J. E. Campbell. 1,451,359; Apr. 10.
Sash balance and fastener. H. R. Swartwood. 1,446,403; Feb. 20.
Sash booster, Window-. H. E. Campbell. 1,464,694; Aug. 14.
Sash center. C. D. Tabor. 1,457,323; June 5.
Sash-cord fastener. C. Bonham. 1,471,938; Oct. 23.
Sash-cord fastener. A. W. Nelson. 1,448,146; Mar. 13.
Sash fastener. W. R. Ballard. 1,445,429; Feb. 13.
Sash fastener. S. R. Fetner. 1,462,637; July 24.
Sash fastener. H. M. Filbrick. 1,450,151; Mar. 27.
Sash fastener. H. C. Gray. 1,452,598; Apr. 24.
Sash fastener. E. E. Hainline and E. C. Culp. 1,458,760; June 12
Sash fastener. J. Kaltenbach. 1,462,345; July 17.
Sash fastener. S. Segal. 1,440,635; Jan. 2.
Sash fastener. J. F. Schwer. 1,473,325; Nov. 6.
Sash frame. I. Tajima. 1,465,380; Aug. 21.
Sash hanger, Storm-. A. B. Hays. 1,477,953; Dec. 18.
Sash holder. H. J. Geurink. 1,440,872; Jan. 2.
Sash holder and lock. G. Peterson. 1,447,148; Feb. 27.
Sash holder and lock, Combined. L. W. Smith. 1,449,132; Mar. 20.
Sash-holding device, Window-. W. F. Watkins. 1,454,989; May 15.
Sash lock. W. Holstein. 1,477,265; Dec. 11.
Sash lock. C. S. Morse. 1,462,977; July 24.
Sash lock. H. A. Roy. 1,476,646; Dec. 4.
Sash lock. H. B. Smith. 1,449,017; Mar. 20.
Sash lock. B. A. Uttz. 1,448,778; Mar. 20.
Sash lock and holder. M. A. Miller. 1,457,382; June 5.
Sash lock, Ventilating-. E. F. Brickell. 1,442,642; Jan 16.
Sash lock, Window-. F. R. Badnar. 1,453,698; May 1.
Sash mounting. J. Wilson. 1,445,863; Feb. 20.
Sash-operating mechanism. C. Rupp. 1,445,720; Feb. 20.
Sash operator, Automatic storm-. C. W. Knight. 1,476,821; Dec. 11.
Sash raising and lowering device. N. C. Leidgen. 1,461,277; July 10.
Sash, screen sash, and shutter, and window frame therefor, Window. G. W. Lancaster. 1,462,644; July 24.
Sash stop, Window-. W. G. McGuire. 1,469,659; Oct. 2.
Sash weight. J. F. Makepeace. 1,463,126; July 24.
Sash weight, window-. C. L. Schneider. Re15,634; June 26.
Sash, Window. W. E. Holt. 1,472,002; Oct. 23.
Sashes, Combined parting and weather strip for sliding. R. E. Hulse. 1,466,833; Sept. 4.
Sashes for stationary window casements, Counterbalancing. G. W. Lancaster. 1,462,645; July 24.
Sashes for various metal and other casements, Counterbalancing. G. W. Lancaster. 1,462,647; July 24.
Sashes for windows, Plurality of counterbalancing. G. W. Lancaster. 1,462,646; July 24.
Sashes in position, Means for securing window. I. Benjamins. 1,460,361; July 3.
Sashes, Operating means for window. W. E. Rogge. 1,453,523; May 1.
Sashes or shutters, Casement adjuster for swinging. C. V. Raicevich. 1,465,315; Aug. 21.
Sashes, Suspension means for vertically-sliding. H. E. Campbell. 1,451,668; Apr. 10.
Satchel. A. Semenick. 1,455,452; May 15.
Saucepans, Handle for. A. W. Burt. 1,445,484; Feb. 13.
Saucepans or other kitchen utensils, Insulating handle for. P. Armengaud. 1,455,760; May 15.
Sausage filler and fruit press, Combination. J. Szafka. 1,446,279; Feb. 20.
Sausage into links, Machine for forming. G. E. Neuberth. 1,442,232; Jan. 16.
Sausage linking and hanging machine. O. C. L. Hirsch. 1,458,653; June 12.
Sausage linking and twisting device. F. Kruse. 1,459,063; June 19.
Sausage-linking machine. W. J. O. Johnson. 1,473,234; Nov. 6.
Sausage-linking machine. G. K. Pappazoglidis. 1,466,852; Sept. 4.
Sausage stuffer. E. T. Deacon. 1,444,064; Feb. 6.
Sausage-stuffing apparatus. H. C. Ahrens. 1,470,371; Oct. 9.
Sausage-stuffing machine. D. Brightbill. 1,469,377; Oct. 2.
Sausage-twisting device. F. Kruse. 1,459,062; June 19.
Sausage-twisting device. F. Kruse. 1,459,064–8; June 19.
Sausage-twisting machine. F. Kruse. 1,446,122; Feb. 20.
Sausage-tying machine. W. Tanner and C. Hunziker. 1,447,577; Mar. 6.
Sausages, Method and machine for forming. F. Kruse. 1,459,069; June 19.
Savings deposit boxes, Locking device for. M. L. Hafer and J. H. Rosenberg. 1,470,360; Oct. 9.
Savings device and forming same. J. S. Thompson. 1,446,360; Feb. 20.
Saw. C. L. Arnold and C. Edelen. 1,449,805; Mar. 27.
Saw. T. E. Ellis. 1,443,252; Jan. 23.
Saw. H. B. Kimmel. 1,447,137; Feb. 27.
Saw. H. B. Kimmel. 1,468,638; Sept. 25.
Saw. E. W. K. Roe. 1,468,514; Sept. 18.
Saw, Adjustable. J. T. Thompson. 1,446,674; Feb. 27.
Saw attachment, Tractor. S. C. Lawson. 1,464,878; Aug. 14.
Saw blades with revolving grinding wheels, Automatic machine for grinding the. A. Octave. 1,453,765; May 1.
Saw, Circular hack. A. N. Sprague. 1,449,790; Mar. 27.
Saw clamp. L. B. Flagler. 1,452,551; Apr. 24.
Saw clamp. J. M. Mays. 1,441,365; Jan. 9.
Saw clamp, Collapsible. A. E. Elliott. 1,448,483; Mar. 13.
Saw construction. A. Westgard. 1,458,671; June 12.
Saw, Coping. M. Hale. 1,443,710; Jan. 30.
Saw, Crosscut. L. Osterdahl and H. G. Cowling. 1,470,871; Oct. 16.
Saw, Cut-off. T. L. La Malta. 1,461,919; July 17.
Saw, Drag. G. H. Brown. 1,475,788; Nov. 27.
Saw, Drag. C. A. Fosberg. 1,444,869; Feb. 13.
Saw, Drag. F. Fox. 1,461,388; July 10.
Saw, Drag-. R. H. McDonald. 1,478,573; Dec. 25.
Sawdust for grape packing, Manufacturing. J. J. Krohn. 1,449,862; Mar. 27.
Saw filing and setting machine, Automatic band-. J. M. Majewski, jr. 1,457,588; June 5.
Saw-filing device. F. H. Masow. 1,457,880; June 5.
Saw-filing machine. J. V. Mulks. 1,445,790; Feb. 20.
Saw-filing rig. G. W. Phillips. 1,475,351; Nov. 27.
Saw for cutting metals. P. V. Vernon. 1,446,108; Feb. 20.
Saw frame. D. P. Buckley. 1,459,359; June 19.
Saw frame and table. C. H. Todd. 1,467,887; Sept. 11.
Saw frame, Gang-. O. L. Johnson. 1,462,553; July 24.
Saw frame, Hack-. A. Grieg. 1,442,609; Jan. 16.
Saw frame or holder. G. S. Sieben. 1,471,214; Oct. 16.
Saw gauge. A. H. Blackburn. 1,459,873; June 26.
Saw, Gin or linter. R. H. Butters. 1,466,927; Sept. 4.
Saw guard. W. D. Drummond. 1,464,924; Aug. 14.
Saw guide. B. G. Myran. 1,443,902; Jan. 30.
Saw guide. D. W. Parker. 1,457,600; June 5.
Saw guide and guard, Band-. F. N. Brenner. 1,452,179; Apr. 17.
Saw guide, Band-. G. W. Gillaspy. 1,474,255; Nov. 13.
Saw guide, Band-. J. B. Hunt. 1,464,042; Aug. 7.
Saw guide, Band-. J. W. Vaughan. 1,450,619; Apr. 3.
Saw guide, Undercutting-. F. Halvorsen. 1,476,815; Dec. 11.
Saw-gumming device. M. Bindas. 1,441,825; Jan. 9.
Saw-gumming machine. R. W. McLean. 1,472,013; Oct. 23.
Saw, Hack. J. A. Adell and A. H. Starrett. 1,473,803; Nov. 13.
Saw, Hack. N. H. Cowell and E. Niederman. 1,445,491; Feb. 13.
Saw, Hack. V. Flinn. 1,446,007; Feb. 20.
Saw, Hack. W. H. Royle. 1,474,210; Nov. 13.
Saw, Hack. F. M. Smith. 1,442,740; Jan. 16.
Saw, Hack. A. G. Voltz. 1,470,897; Oct. 16.
Sawhorse. J. M. Lawlor. 1,462,707; July 24.
Sawhorse, Carpenter's folding. W. W. Reinelt. 1,450,869; Apr. 3.
Sawhorse, Collapsible. M. J. Topp. 1,476,855; Dec. 11.
Saw, Ice. J. C. Dietrich. 1,461,479; July 10.
Saw, Insertible-tooth. A. E. Proctor. 1,455,968; May 22.
Saw, Jig. W. A. Field. 1,467,720; Sept. 11.
Saw jointer. F. A. Rappleye. 1,461,763; July 17.
Saw machine, Band-. C. A. De Cew and W. F. Hirst. 1,466,090; Aug. 28.
Saw machine, Band-. E. Stauder. 1,459,933; June 26.
Saw machine, Circular-. C. D. Charles. 1,455,426; May 15.
Saw machine, Hack-. R. Wicksteed. 1,462,779; July 24.
Saw machine of the continuous-band type, Hack-. C. Napier. 1,461,004; July 3.
Saw mandrels, Safety clutch for. R. P. Moore. 1,441,819; Jan. 9.
Sawmill appliance. J. McLarty. 1,464,769; Aug. 14.
Sawmill-carriage-driving mechanism. J. Canning. 1,450,019; Mar. 27.
Sawmill carriages, Apparatus for removing timbers from. W. H. Cooper. 1,469,498; Oct. 2.
Saw, Motor drag. J. F. Pribnow. 1,445,039; Feb. 13.
Saw, Motor meat. W. L. Brooke. 1,448,188; Mar. 13.
Saw, Oscillating-tooth. S. A. Wherry. 1,445,376; Feb. 13.
Saw, Portable. B. E. Frere. 1,467,150; Sept. 4.
Saw, Portable motor-driven meat. W. H. Bennett. 1,453,335; May 1.
Saw, Portable power cut-off. T. Finlayson. 1,477,114; Dec. 11.
Saw, Portable rotary. C. E. Smith. 1,450,459; Apr. 3.
Saw, Reciprocating. I. H. Sandage. 1,459,604; June 19.
Saw ring. E. C. Avery. 1,473,536; Nov. 6.
Saw, Scroll. C. A. Moberg. 1,465,651; Aug. 21.
Saw set. W. M. Davis. 1,441,968; Jan. 9.
Saw set. W. E. Leary. 1,465,696; Aug. 21.
Saw set. W. H. Mack. 1,450,812; Apr. 3.

Saw set. L. and F. Riener. 1,474,564; Nov. 20.
Saw set. J. C. Smith. 1,448,602; Mar. 13.
Saw set. H. L. Thomas. 1,453,958; May 1.
Saw set. W. H. Wood. 1,447,112; Feb. 27.
Saw set and clamp. I. Faunce. 1,464,172; Aug. 7.
Saw set, Automatic. T. C. Allison. 1,466,328; Aug. 28.
Saw set, Double. G. W. Miller. 1,446,428; Feb. 20.
Saw-set tool. N. Covell. 1,462,686; July 24.
Saw setting and sharpening machine. B. Wilthil. 1,468,986; Sept. 25.
Saw-setting device. E. E. Washburn. 1,456,164; May 22.
Saw-setting tool. J. E. Meed. 1,470,694; Oct. 16.
Saw-setting tool. C. P. Niesman. 1,450,220; Apr. 3.
Saw sharpening and setting device. M. Jackson. 1,454,893; May 15.
Saw sharpening and setting machine. T. H. Laury. 1,455,917; May 22.
Saw support. W. G. Peacock. 1,456,192; May 22.
Saw, Surgical. W. H. Joyner. 1,455,621; May 15.
Saw tables and the like, Power control for. C. W. Anderson. 1,450,906; Apr. 10.
Saw teeth and the like, Machining. H. K. Lorentzen. 1,466,237; Aug. 28.
Saw tensioning device. A. Côté. 1,473,468; Nov. 6.
Saw tooth. J. H. Miner. 1,463,480; July 31
Saw-tooth dresser, jointer, and gauge. M. Dallenbach. 1,462,325; July 17.
Saw trimmers, Attachment for. A. Collins. 1,443,008; Jan. 23.
Saw, Tubular. J. L. Walker. 1,467,406; Sept. 11.
Saw vise. T. Ralfs. 1,456,338; May 22.
Saw, Wood-cutting. W. F. Ellison. 1,443,914; Jan. 30.
Sawing blades, Device for driving stone and marble. E. Stocq. 1,474,299; Nov. 13.
Sawing implement, Lumber-. J. H. Millsaps. 1,451,079; Apr. 10.
Sawing machine. A. S. Craven. 1,445,268; Feb. 13.
Sawing machine. B. F. Fippins. 1,468,104; Sept. 18.
Sawing machine. T. J. Gessman. 1,447,543; Mar. 6.
Sawing machine. E. Hilwig. 1,464,679; Aug. 14.
Sawing machine. N. D. McArthur. 1,454,901; May 15.
Sawing machine. J. W. Oliver. 1,478,052; Dec. 18.
Sawing machine. C. F. Reichstein. 1,447,324; Mar. 6.
Sawing machine. J. L. Walker. 1,450,657; Apr. 3.
Sawing machine, Band. K. Schenkel. 1,449,015; Mar. 20.
Sawing machine, Button-blank shell-. H. H. Knott, C. J. Jungbluth, and E. B. Hammer. 1,474,044; Nov. 13.
Sawing machine, Crosscut. E. W. Curtis. 1,450,357; Apr. 3.
Sawing machine, Match-block-. M. R. Rawson. 1,464,727; Aug. 14.
Sawing machine, Quarter-. R. T. Rush. 1,456,912; May 29.
Sawing machine, Tree-. T. G. Perkins. 1,441,747; Jan. 9.
Sawing machine, Wood-. L. Clark. 1,449,383; Mar. 27.
Sawing machine, Wood-. N. Hansen. 1,440,461; Jan. 2.
Sawing machinery. A. R. Nyquist and C. A. Brandt. 1,462,764; July 24.
Sawing trees, Saw for. H. Boner. 1,450,540; Apr. 3.
Saws and other articles, Centering and clamping means for. G. L. Norris. 1,459,683; June 19.
Saws and the like, Combined gauge and set for crosscut. L. O. Vadnais. 1,454,227; May 8.
Saws as used for cutting metals, Hack and band. A. H. Evans. 1,463,880; Aug. 7.
Saws, Automatic shield for circular. J. E. Lantz. 1,465,224; Aug. 14.
Saws, Combined molding-setting device for circular. L. Zsuffa. 1,452,233; Apr. 17.
Saws, Indicator for edging. S. M. Bump. 1,476,238; Dec. 4.
Saws, Lubricating device for. J. Eszto. 1,450,884; Apr. 3.
Saws, Mechanism for holding. J. H. Ferguson. 1,442,471; Jan. 16.
Saws or saw blades, Method of and apparatus for making. A. König. 1,473,374; Nov. 6.
Saws, Rolls for tensioning, leveling, and straightening band. R. K. Thomas. 1,462,836; July 24.
Saws, Suspension jack for gang. L. Crane. 1,471,650; Oct. 23.
Saxophone and clarinet mouthpiece. J. J. Babbitt. 1,467,524; Sept. 11.
Saxophone mouthpieces, Mold for forming. A. P. Graham. 1,458,048; June 5.
Saxophones or the like, Reed controller for. G. B. Humes. 1,446,623; Feb. 27.
Scaffold. J. L. Baldwin. 1,462,439; July 17.
Scaffold. W. J. Murray. 1,453,227; Apr. 24.
Scaffold. F. A. Sampson. 1,449,700; Mar. 27.
Scaffold and roof bracket. J. B. F. Showalter. 1,456,940; May 29.
Scaffold bracket. J. F. Graff. 1,450,286; Apr. 3.
Scaffold bracket. F. J. Kestner. 1,457,066; May 29.
Scaffold bracket. H. A. Trester. 1,449,638; Mar. 27.
Scaffold, Cornice. F. Orthmann. 1,442,697; Jan. 16.
Scaffold hanger. J. Sedviek. 1,469,967; Oct. 9.
Scaffold hoist. A. M. Knechtel. 1,442,075; Jan. 16.
Scaffold jack. H. C. Wertz. 1,452,717; Apr. 24.
Scaffold machine. P. Hoitsma. 1,441,806; Jan. 9.
Scaffold, Portable. A. Blankenhagen. 1,474,462; Nov. 20.
Scaffold, Portable. S. W. Johnson. 1,471,848; Oct. 23.
Scaffold, Safety portable. J. F. Young. 1,471,304; Oct. 16.
Scaffold, Suspended. E. Pitou. 1,474,941; Nov. 20.
Scaffolding. D. Palmer-Jones. 1,442,582; Jan. 16.
Scaffolding bracket. E. B. Rex. 1,476,644; Dec. 4.
Scaffolding clamp. D. Palmer-Jones. 1,445,410; Feb. 13.
Scaffolding device. D. P. Chesebro. No. 1,440,968; Jan. 2.
Scaffolding for centering and the like. J. R. Shore. 1,477,190; Dec. 11.
Scaffolding or the like temporary erection. D. Palmer-Jones. 1,448,503; Mar. 13.
Scale. H. B. Bagg. 1,472,037; Oct. 30.
Scale. H. Cameron. 1,475,930; Dec. 4.
Scale. R. Craig. 1,450,487; Apr. 3.
Scale. B. W. King. 1,472,761; Oct. 30.
Scale. O. M. Kirlin. 1,471,518; Oct. 23.
Scale. M. M. Munk. 1,465,613; Aug. 21.
Scale. F. L. Sawyer. 1,473,126; Nov. 6.
Scale. C. D. Scott. 1,459,188; June 19.
Scale. R. J. Zanone. 1,444,019; Feb. 6.
Scale and auxiliary controller. F. G. L. Boyer. 1,449,162; Mar. 20.
Scale and rust from iron and steel, Removal of. H. N. Holmes. 1,470,225; Oct. 9.
Scale and tongs, Combined. A. Agronofsky. 1,455,828; May 22.
Scale attachment. F. R. Wainwright. 1,458,089; June 5.
Scale, Automatic. A. Sonander. 1,471,072; Oct. 16.
Scale, Automatic. M. J. Weber. 1,460,087; June 26.
Scale, Automatic weighing and totaling. S. G. Crane. 1,446,963; Feb. 27.
Scale beam. E. E. Burrows. 1,463,249; July 31.
Scale, Counting. J. Hopkinson. 1,473,232; Nov. 6.
Scale, Counting. C. E. Riedel. 1,455,411; May 15.
Scale, Draftsman's. P. Pasquariello. 1,443,088; Jan. 23.
Scale, Equalized platform automatic. W. K. Harris. 1,457,628; June 5.
Scale for fishing rods, Self-registering. L. A. Wailes. 1,458,014; June 5.
Scale foundation, Platform-. J. J. Magrady. 1,455,798; May 22.
Scale frame. W. F. Stimpson. Des. 63,593; Dec. 18.
Scale from metals, Cleaning. G. A. Avery and F. Bamblett. 1,442,243; Jan. 16.
Scale guard and marker. A. J. Pas. 1,470,470; Oct. 9.
Scale, Illuminating weighing. S. G. Crane. 1,459,441; June 19.
Scale, Parcel-post computing. C. H. Colson. 1,468,227; Sept. 18.
Scale, Pendulous automatic weighing. W. Timson. 1,461,741; July 17.
Scale, Pendulum. W. N. Gilbert. 1,458,480; June 12.
Scale, Pendulum. C. Sirch. 1,447,269; Mar. 6.
Scale pivot. H. O. Hem. 1,445,882; Feb. 20.
Scale platform. C. D. Dallas. 1,474,464; Nov. 20.
Scale, Platform. B. W. King. 1,444,190; Feb. 6.
Scale, Platform. J. J. Magrady. 1,474,681; Nov. 20.
Scale, Platform. M. H. Winslow. 1,469,402; Oct. 2.
Scale-platform lifting mechanism. H. S. Bergen. 1,453,376; May 1.
Scale, Portable. J. Hopkinson and E. G. Freed. 1,470,010; Oct. 9.
Scale printing device, Dial-. M. A. Sweet and G. W. Britton. 1,461,949; July 17.
Scale, Recording. A. M. Bates. 1,463,770; July 31.
Scale, Recording. E. G. Thomas. 1,463,450; July 31.
Scale remover, Boiler-. C. H. Hoppe. 1,462,550; July 24.
Scale, Spring. W. S. Smith. 1,457,194; May 29.
Scale, Translucent measuring. E. P. Harris. 1,448,533; Mar. 13.
Scale, Transposition. E. D. Tillyer. 1,460,148; June 26.
Scale, Weighing. J. C. Barrett. 1,448,427; Mar. 13.
Scale, Weighing. H. S. Bergen. 1,443,163; Jan. 23.
Scale, Weighing. J. W. Bryce. 1,469,987; Oct. 9.
Scale, Weighing. R. Craig. 1,465,252; Aug. 21.
Scale, Weighing. H. Cummer. 1,451,684; Apr. 17.
Scale, Weighing. H. F. Dunn. 1,446,552; Feb. 27.
Scale, Weighing. C. H. Hapgood. 1,470,666–7; Oct. 16.
Scale, Weighing. H. O. Hem. 1,453,353; May 1.
Scale, Weighing. H. O. Hem. 1,468,020; Sept. 18.
Scale, Weighing. H. O. Hem. 1,470,669; Oct. 16.
Scale, Weighing. E. B. Locke. 1,470,016; Oct. 9.
Scale, Weighing. O. C. Reeves. 1,470,643; Oct. 16.
Scale, Weighing. E. G. Thomas. 1,453,370; May 1.
Scale, Weighing. G. W. Zucker. 1,449,254; Mar. 20.
Scale, Weighing and counting. H. W. Sides. 1,445,131; Feb. 20.
Scale, Wire-drawing. H. O. Hem. 1,453,355; May 1.
Scales, Adjustable locking and sealing device for use on. J. G. Magrady. 1,473,352; Nov. 6.
Scales, Advertising device for weighing. W. J. Vandercar. Re15,731; Dec. 11.
Scales and pencils, Holder for machinists'. E. C. Carlson. 1,468,002; Sept. 18.
Scales, Attachment for weighing. E. G. Freed. 1,458,475; June 12.
Scales, Bearing frame for. W. F. Stimpson. 1,448,317; Mar. 13.
Scales, Combination bag rack and auxiliary platform for. H. C. Schaper. 1,462,983; July 24.

Scales, Computing attachment for. M. Phelps. 1,466,807; Sept. 4.
Scales, Counting device for. L. A. Osgood. 1,451,403; Apr. 10.
Scales, Counting device for. L. A. Osgood and E. E. Wolf. 1,470,025; Oct. 9.
Scales, Dial for. S. Wistoft. 1,458,093; June 5.
Scales, Rack and pinion device for. J. Hopkinson. 1,447,307; Mar. 6.
Scales, Recording attachment for. A. R. McConnell and H. E. McCroskey. 1,471,181; Oct. 16.
Scales, Lever system for. A. A. Caille. 1,473,696; Nov. 13.
Scalp and hair, Machine for the treatment of. W. L. Majors. 1,466,629; Aug. 28.
Scalp appliance. E. A. Farron. 1,444,149; Feb. 6.
Scarf, stole, or muffler. M. J. Costello. Des. 63,359; Nov. 27.
Scarfing machine. C. B. Norris. 1,473,733; Nov. 13.
Scarfpin. R. J. Carney. 1,474,662; Nov. 20.
Scarfpins and the like, Antiloss device for. E. Smith. 1,477,461; Dec. 11.
Scarifier. E. E. Berry. 1,473,003; Nov. 6.
Scarifier. E. F. Cookinham and D. B. Cook. 1,458,394; June 12.
Scarifier. W. J. Endter. 1,473,221; Nov. 6.
Scarifier. N. D. Thomas. 1,453,208; Apr. 24.
Scenery trimmer. H. A. Connelly. 1,473,336; Nov. 6.
Scenic effect. W. Maxwell. 1,451,046; Apr. 10.
Scenic effect, Changeable. N. V. de Lipski. 1,462,537; July 24.
Scissors. C. R. Storz. 1,469,283; Oct. 2.
Scissors, Automatic. L. Hernon. 1,465,130; Aug. 14.
Scissors or pruners for cutting fruit, flowers, or the like. F. Dexter. 1,458,878; June 12.
Scleroscope. T. A. Hall. 1,446,620; Feb. 27.
Scleroscope. R. Herrmann. 1,444,606–7; Feb. 6.
Scleroscope. G. Wirrer and A. C. Moyer. 1,444,228; Feb. 6.
Scoop. C. C. De Jong. 1,462,328; July 17.
Scoop board. E. R. Ullom. 1,445,571; Feb. 13.
Scoop board and end gate, Combination. W. Lawrence. 1,470,269; Oct. 9.
Scoop, Body. W. C. Anthony. 1,468,951; Sept. 25.
Scoop, Excavating. G. E. Wagner and R. R. and R. M. Downie. 1,476,121; Dec. 4.
Scoops or conveyers, Tripping device for. C. A. Steward. 1,442,911; Jan. 23.
Scoops or scrapers, Attachment for wheeled. C. W. Jerry. 1,461,775; July 17.
Scoops or shovels and tractors, Means for connecting excavating. W. C. Griffith. 1,468,470; Sept. 18.
Scooter, Combination. I. E. Larson. 1,445,219; Feb. 13.
Scooter, Wheeled vehicle known as. A. M. Greene. 1,472,216; Oct. 30.
Score or bulletin board. P. C. Oscanyan. 1,459,341; June 19.
Score sheet. J. G. Pyle. 1,441,750; Jan. 9.
Scoring device, Game-. A. R. Hager. 1,450,852; Apr. 3.
Scouring device. L. Graham. 1,459,152; June 19.
Scouring implement. A. Kessler. 1,449,184; Mar. 20.
Scouring implement, Rotary. S. H. Drake. 1,445,133; Feb. 13.
Scow, Dumping. H. T. Dunbar. 1,442,055; Jan. 16.
Scraper. J. W. Layne. 1,463,745; July 31.
Scraper. R. G. Le Tourneau. 1,470,853; Oct. 16.
Scraper. R. P. McNeil. 1,465,018; Aug. 14.
Scraper. J. R. Maginnes. 1,471,178; Oct. 16.
Scraper. G. W. Packer. 1,465,456; Aug. 21.
Scraper. G. W. Packer. 1,471,627; Oct. 23.
Scraper. B. E. Rose and G. Woolwine. 1,460,340; June 26.
Scraper. A. Spreeman. 1,446,401; Feb. 20.
Scraper. D. R. Throop. 1,464,687; Aug. 14.
Scraper. G. D. and H. T. Toy. 1,473,890; Nov. 13.
Scraper. J. Weigel. 1,448,890; Mar. 20.
Scraper and conveyer, Road. P. V. Randolph. 1,464,444; Aug. 7.
Scraper and grader. W. E. Calkins and F. P. Hall. 1,449,585; Mar. 27.
Scraper, Automatic road and surface. J. S. Reynolds. Re15,704; Oct. 23.
Scraper, Automatic wheeled. J. R. Grayson. 1,463,690; July 31.
Scraper, Distilling-vat. C. S. Brown. 1,441,058; Jan. 2.
Scraper, Earth. G. L. Wilcox. 1,451,062; Apr. 10.
Scraper, Floor. F. I. Kimball. 1,459,216; June 19.
Scraper, Pneumatic earth. L. R. Rhodes. 1,459,748; June 26.
Scraper, Road. J. F. Neunaber and L. E. Bartels. 1,450,815; Apr. 3.
Scraper, Subgrade. E. G. Carr. Re15,615; May 29.
Scraper, Weighted. W. Eiermann. 1,473,546; Nov. 6.
Scraper, Wheel. F. H. and F. S. Beach. 1,458,512; June 12.
Scrapers or graders, Attachment for road. P. C. Merillat. 1,454,757; May 8.
Scraping and cutting tool. H. A. Hall. 1,475,816; Nov. 27.
Scraping device. J. M. Goubier. 1,446,320; Feb. 20.
Scraping device, Floor-. A. Schwenke. 1,442,544; Jan 16.
Scraping head. J. Dumont. 1,447,933; Mar. 6.
Scraping, Locking device for. W. A. Barker. 1,445,818; Feb. 20.
Scraping machine. C. A. Sentou and E. Jacquet. 1,471,864; Oct. 23.
Scraping tool. W. F. Anderson. 1,443,860; Jan. 30.
Screen: *See*—
Adjustable screen.
Automobile screen.
Collapsible screen.
Cinematographic projection screen.
Display screen.
Electrically-vibrated screen
Filter screen.
Fireplace guard screen.
Fish screen.
Fly-eliminating screen.
Fly-exit screen.
Fly screen.
Glare screen.
Headlight screen.
High-frequency screen.
Hood and screen.
Multicolored screen.
Photographic screen.
Pneumatic screen.
Projecting screen.
Revolving screen.
Roller screen.
Shaking screen.
Spotlight color screen.
Typewriter screen.
Vehicle screen.
Vibrating screen.
Well screen.
Well-pipe screen.
Window screen.
Screen. J. N. Hill. 1,456,056; June 5.
Screen. G. E. Hulse. 1,441,684; Jan. 9.
Screen. H. A. Megraw. 1,441,870; Jan. 9.
Screen. J. T. Moltrup. 1,468,369; Sept. 18.
Screen. F. L. Waterman. 1,469,490; Oct. 2.
Screen and other frames, Corner joint for. R. S. Van Fleet. 1,445,425; Feb. 13.
Screen and ventilator, Combination. H. L. Thomas. 1,465,722; Aug. 21.
Screen, Centrifugal. O. C. Gruender. 1,441,496; Jan. 9.
Screw clamp. K. Kissendorfer. 1,452,384; Apr. 17.
Screen-door attachment. M. F. Fischer. 1,478,644; Dec. 25.
Screen-door brace. S. Hewitt. 1,464,427; Aug. 7.
Screen-door insect brush and destroyer. F. P. Bessette. 1,471,585; Oct. 23.
Screen-fabricating machine. F. B. Miller. 1,445,099; Feb. 13.
Screen frames and the like, Corner bracket and fastener for. R. J. Burhen. 1,441,559; Jan. 9.
Screen frames and the like, Joint member for. T. Howie and A. J. Jackson. 1,471,159; Oct. 16.
Screen guide, Rolling-. J. D. Bitondi. 1,465,802; Aug. 21.
Screen hanger. S. I. Patton. 1,473,159; Nov. 6.
Screen holder. H. N. Bowen. 1,471,773; Oct. 23.
Screen or conveyer, Reciprocating. R. S. Jacobsen. 1,465,942; Aug. 28.
Screen plate. W. G. Hall. 1,467,759; Sept. 11.
Screen scratcher or rubber. M. L. Crawford. 1,466,580; Aug. 28.
Screening and sizing process and apparatus. G. C. Hackstaff. 1,455,785; May 22.
Screening apparatus. P. J. Alwart. 1,457,810; June 5.
Screening apparatus. H. P. Hoyle. 1,456,801; May 29.
Screening apparatus. W. E. Nickerson. 1,458,434; June 12.
Screening device. B. B. Carlton and C. J. Burkley. 1,462,469; July 17.
Screening device. C. J. Sandoe. 1,472,439; Oct. 30.
Screening machine. J. A. Coyle and C. H. Roth. 1,468,005; Sept. 18.
Screening machine. J. C. Dunton. 1,466,894; Sept. 4.
Screening machine. C. E. Johnson. 1,465,986; Aug. 28.
Screening machine and method. H. K. Najarian. 1,447,355; Mar. 6.
Screening machine and screen cloth therefor. B. A. Mitchell. 1,459,842; June 26.
Screening machine and screen cloth therefor. B. A. Mitchell. 1,459,845; June 26.
Screening machines, etc., Vibrator for. B. A. Mitchell. 1,459,841; June 26.
Screens and the like, Edge reenforcement for. L. Guggenberger. 1,474,628; Nov. 20.
Screens, etc., Frame for flexible. W. Novick. 1,464,370; Aug. 7.
Screens integral with moving-picture films, Polychromatic. I. Kitsee. 1,477,883; Dec. 18.
Screens, Making mottled color. A. W. Carpenter. 1,476,874; Dec. 11.
Screens, Producing multicolored. I. Kitsee. 1,477,880; Dec. 18.
Screw. V. E. Gerzén. 1,473,033; Nov. 6.
Screw. H. Rosenberg. 1,465,148; Aug. 14.
Screw anchor, Expanding. J. Blackburn. 1,455,163; May 15.
Screw and the like. F. O. Race. 1,449,779; Mar. 27.
Screw-bolt-nut-tightening means. P. A. Johnson. 1,459,402; June 19.
Screw bolts and other cylindrical or prismatic pieces, Machine for the working of. A. de Fries. 1,448,832; Mar. 20.
Screw bolts, etc., Manufacture of nuts for. F. D. Archibald. 1,473,777; Nov. 13.
Screw cap. W. J. Peelle. 1,476,918; Dec. 11.
Screw-cap feeding and applying machine. F. H. Bateman. 1,446,686; Feb. 27.
Screw clamp, Temper-. L. E. Wright. 1,447,456; Mar. 6.
Screw, Clamping. R. H. Bowers. 1,442,118; Jan. 16.
Screw closure and making same, Flanged. C. Hammer. 1,440,987; Jan. 2.
Screw conveyer. R. W. Easton. 1,468,379; Sept. 18.

Screw-cutting dies and the like, Making. P. W. Martin. 1,444,624; Feb. 6.
Screw-cutting machine. R. A. Boehm. 1,470,683; Oct. 16.
Screw-cutting machine. W. C. Farnum. 1,478,851; Dec. 25.
Screw-cutting machine. W. H. Young. 1,472,623; Oct. 30.
Screw device. R. J. Altgelt. 1,448,426; Mar. 13.
Screw driver. P. De Brown. 1,450,203; Apr. 3.
Screw driver. G. A. Carlson. 1,446,877; Feb. 27.
Screw driver. A. R. Earnshaw. 1,448,392; Mar. 13.
Screw driver. W. J. Parsons. 1,460,036; June 26.
Screw driver. T. B. Powers. 1,459,708; June 19.
Screw driver. J. R. Stanton. 1,476,653; Dec. 4.
Screw driver. S. L. Watson. 1,441,956; Jan. 9.
Screw driver. W. D. Wright. 1,448,324; Mar. 13.
Screw driver and operating same, Magazine. H. Simon. 1,441,950; Jan. 9.
Screw-driver attachment. J. M. Lawlor. 1,468,969; Sept. 25.
Screw driver, Automatic. S. E. Schroeder. 1,441,033; Jan. 2.
Screw driver, brace, and the like. J. J. Doherty. 1,441,972; Jan. 9.
Screw driver, Flexible. M. R. Rentchler. 1,454,789; May 8.
Screw driver, Magazine. H. Simon. 1,442,181; Jan. 16.
Screw driver or the like, Power means for. H. F. Oberjohann. 1,442,174; Jan. 16.
Screw driver, Ratchet. H. D. Chapman. 1,463,418; July 31.
Screw driver, Removable-blade. N. A. Johnson. 1,469,792; Oct. 9.
Screw-feeding device. S. E. Schroeder. 1,463,338; July 31.
Screw jack. J. W. Bate. 1,444,447; Feb. 6.
Screw jack. A. Cleland. 1,455,571; May 15.
Screw jack. P. J. Devan. 1,457,825; June 5.
Screw jack. R. C. Finch. 1,472,388; Oct. 30.
Screw jack. A. L. Johnson. 1,460,799; July 3.
Screw machine, Automatic. W. G. Aldeen. 1,474,132; Nov. 13.
Screw machine, Automatic. J. J. Bosshard. 1,467,304; Sept. 11.
Screw-machine tool feed, Wood-. H. L. Smith. 1,444,432; Feb. 6.
Screw machines, Cross-drilling attachment for automatic. C. J. Gendreau and J. L. Sarvey. 1,449,172; Mar. 20.
Screw machines, Operating mechanism for wood-. H. L. Smith. 1,452,986; Apr. 24.
Screw machines, Tool feed mechanism for wood-. H. L. Smith. 1,444,433; Feb. 6.
Screw-operating device. J. G. Partlow. 1,447,626; Mar. 6.
Screw propeller. A. Grilli. 1,441,979; Jan. 9.
Screw propeller. H. Leitner. 1,456,387; May 22.
Screw, Propeller. J. Sametz. 1,462,424; July 17.
Screw propeller. R. Wagner. 1,461,841; July 17.
Screw propeller and similar appliance. J. H. W. Gill. 1,454,967; May 15.
Screw spanner, Adjustable. F. Appinger and P. Bachhofer. 1,446,956; Feb. 27.
Screw studs, Apparatus for the insertion of. E. Bugatti. 1,463,497; July 31.
Screw, Temper. V. W. Moyer and R. V. McMullen. 1,444,517; Feb. 6.
Screw thread. I. C. Woodward. 1,451,484; Apr. 10.
Screw-thread gauge. R. L. Ellery. 1,467,146; Sept. 4.
Screw thread, Instrument for testing and comparing the lead of a. A. W. Schoof. 1,456,938; May 29.
Screw threads, Milling. G. Richards. 1,456,280; May 22.
Screws and the like, Clamp for binding. G. B. Thomas. 1,449,460; Mar. 27.
Screws, Device for inserting. E. Peyer. 1,457,457; June 5.
Screws or bolts, Lock housing for. O. A. Norlund and F. Oehrli. 1,447,564; Mar. 6.
Screws, System of helicopter. R. P. Pescara. 1,454,944; May 15.
Scribers and compasses, Pocket. E. W. Louden. 1,472,181; Oct. 30.
Scribing instrument. H. H. Jepsen. 1,470,168; Oct. 9.
Scribing tool. A. Nikander. 1,465,230; Aug. 14.
Scrubbing device. G. Foster. 1,469,077; Sept. 25.
Scrubbing machine. H. F. Barry. 1,473,778; Nov. 13.
Scrubbing machine. Q. Faustini. 1,455,746; May 15.
Scrubbing stool. W. F. O'Neill. 1,454,401; May 8.
Scuffle for agricultural purposes. A. R. Firkins. 1,475,376; Nov. 27.
Scythe, Attachment for. D. M. Friedt. 1,454,732; May 8.
Scythe snath. A. Glenn. 1,443,839; Jan. 30.
Seal. E. J. Brooks. 1,468,352; Sept. 18.
Seal. J. L. Dinsmoor. 1,466,815–16; Sept. 4.
Seal. J. W. Leslie. 1,445,350; Feb. 13.
Seal. H. R. Rogers. 1,447,691; Mar. 6.
Seal and forming same, Wire-strap. W. N. Lurcott. 1,474,372; Nov. 20.
Seal and making the same. S. M. Boyd. 1,444,103; Feb. 6.
Seal, Bag. N. V. Stansfield. 1,469,703; Oct. 2.
Seal, Bottle or jar. W. Chaffin. 1,454,699; May 8.
Seal case and ejector J. A. Hanson. 1,451,069; Apr. 10.
Seal, Fermentation. E. A. Bircher. 1,474,461; Nov. 20.
Seal for folders. M. Hartman. 1,463,083; July 24.
Seal, Hermetic. F. W. Stockton. 1,455,894; May 22.
Seal lock. W. Engel. 1,447,939; Mar. 6.
Seal press. F. H. Eyman. 1,471,687–8; Oct. 23.
Seal-press identification. M. H. Jackson. 1,463,322; July 31.
Seal, Reenforced. O. M. Bangs. 1,472,381; Oct. 30.
Seal, Self-opening. G. Ramsey. 1,473,252; Nov. 6.
Sealing apparatus, Carton-. F. M. Peters and W. H. Hungerford. 1,478,836; Dec. 25.
Sealing circulars, Machine for. A. H. Gustafson. 1,454,889; May 15.
Sealer containers, Apparatus for indicating pressure conditions in. W. P. White. 1,447,701; Mar. 6.
Sealing cap. J. E. Sharpe. 1,449,629; Mar. 27.
Sealing device. L. D. Burlingham. 1,476,140; Dec. 4.
Sealing device. I. M. Herzig. 1,441,226; Jan. 9.
Sealing device. M. C. Littleworth. 1,442,812; Jan. 23.
Sealing device, Electric. W. Reusch. 1,463,336; July 31.
Sealing head. H. H. Schmidt. 1,449,701; Mar. 27.
Sealing-in machine. J. E. Marshall. 1,475,192; Nov. 27.
Sealing-in machine. L. E. Mitchell and A. J. White. 1,453,594; May 1.
Sealing machine. S. Cooper. 1,463,460; July 31.
Sealing machine, Box-. H. A. Saylor, A. S. Peck and P. A. Dinsmoor. 1,471,924; Oct. 23.
Sealing machine, Single-head-carton-. W. D. Kimball and A. E. Rideout. 1,474,480; Nov. 20.
Sealing machines, Flap lifter for carton-. W. L. Taylor and C. F. Richards. 1,474,691; Nov. 20.
Sealing means. W. M. Brooks. 1,453,268; May 1.
Sealing means. W. M. Brooks. 1,465,072; Aug. 14.
Sealing means. W. M. Brooks. 1,471,445; Oct. 23.
Sealing openings, Apparatus for. C. E. Underwood. 1,440,424; Jan. 2.
Sealing ring. L. Foote. 1,463,360; July 31.
Sealing ring. R. J. Krause. 1,451,225; Apr. 10.
Sealing stamp. F. Szymanski and P. Dudek. Des. 62,154; Mar. 27.
Sealing-wax stick. A. Nadler and J. R. Kinghorn. 1,454,759; May 8.
Seam anchor. P. Hogan. 1,474,835; Nov. 20.
Seam, Concealed stitched. J. R. Hughes. 1,443,686; Jan. 30.
Seamers, End feed for double. M. E. Widell and A. A. Jahr. 1,453,818; May 1.
Seamers, Safety stop for double. M. E. Widell. 1,454,876; May 15.
Seaming machine. J. Brenzinger. 1,445,288; Feb. 13.
Seaming machine. H. M. Ross. 1,469,334; Oct. 2.
Seaming machine. A. Schroeder. 1,469,024; Sept. 25.
Seaming machine, Double-. G. M. Stevenson. 1,464,017; Aug. 7.
Seaming tool, Double-. B. F. Wendel. 1,442,754; Jan. 16.
Seam-rubbing machine. F. W. Farrar. 1,474,350; Nov. 20.
Searchlight. D. Foster and L. L. Middelkamp. 1,446,248; Feb. 20.
Searchlight mounting, Quick-detachable. J. K. Olsen. 1,461,285; July 10.
Seat: *See*—

Adjustable seat.	Reel seat.
Automobile seat.	Sanitary seat.
Car seat.	Toilet seat.
Chair seat.	Vehicle seat.
Collapsible or foldable seat.	Ventilated seat.
Cycle seat.	Window seat.
Douche seat.	Window-cleaner's seat.
Folding seat.	Window-washer's seat.
Journal-box seat.	Warper seat.

Seat. E. P. Harley. 1,457,245; May 29.
Seat. R. M. Montgomery. 1,465,859; Aug. 21.
Seat. A. Ziska, jr. 1,469,136; Sept. 25.
Seat back. W. G. Fuller. 1,461,772; July 17.
Seat back, Adjustable. J. P. Garver. 1,458,879; June 12.
Seat, chair, and the like, Theater and like. W. G. Bass. 1,474,226; Nov. 13.
Seat construction. S. W. Nicholson. 1,471,001; Oct. 16.
Seat cover. J. J. Loesch. 1,452,882; Apr. 24.
Seat cover. J. Reece. 1,450,387; Apr. 3.
Seat-cover attachment. J. P. Eyster. 1,454,577; May 8.
Seat cover, Sanitary. L. J. Frear. 1,452,552; Apr. 24.
Seat cover, Sanitary. L. L. Furan. 1,442,142; Jan. 16.
Seat indicator for auditoriums and the like, Illuminated. H. A. Page. Des. 62,339; May 8.
Seat or bracket, Shingling. C. Cornelius. 1,471,947; Oct. 23.
Seat pad. J. Reece. 1,450,703; Apr. 3.
Seat spring. C. F. Green. 1,452,041; Apr. 17.
Seat spring. C. F. Green. 1,457,658; June 5.
Seat support. F. A. Schnupp. 1,446,588; Feb. 27.
Secondary or storage battery. W. E. Kershaw and C. D. Galloway. 1,475,434; Nov. 27.
Secondary or storage battery. E. W. Smith. 1,450,565; Apr. 3.
Section switch. W. Schaake. 1,449,915; Mar. 27.
Sectional bin. U. S. Stewart. 1,469,609; Oct. 2.
Securing device. L. J. Hogarty. 1,475,827; Nov. 27.
Securing element. A. Volman. 1,475,907; Nov. 27.
Sedans, Seat box for Ford. H. Miller. 1,456,247; May 22.
Sediment cup. J. I. Misener. 1,446,056; Feb. 20.
Seed-cell-removing apparatus. B. C. Coons. 1,442,859; Jan. 23.

Seed-cell-removing apparatus. B. C. Coons. 1,445,998; Feb. 20.
Seed-collecting device. P. M. Ikeler and H. D. McDonald. 1,466,556; Aug. 28.
Seed-conditioning apparatus. F. Steigmeyer. 1,473,165; Nov. 6.
Seed drill. L. B. Knight. 1,473,297; Nov. 6.
Seed drill. W. C. Warren. 1,474,184; Nov. 13.
Seed pan. R. Wright. 1,471,581; Oct. 23.
Seed, Preserving cotton. F. C. Atkinson. 1,455,016;
Seed-saving means. W. T. West. 1,468,849; Sept. 25.
Seed scarifier. A. Johnson. 1,442,275; Jan. 16.
Seed screen. R. D. Heller. 1,447,660; Mar. 6.
Seed separator. J. E. Raze. 1,466,560; Aug. 28.
Seed separator. J. B. Rylander. 1,478,616; Dec. 25.
Seed sower. M. Schling. 1,456,653; May 29.
Seed sower. M. Schling. 1,471,291; Oct. 16.
Seed sower, Hand. M. Schling. 1,475,600–1; Nov. 27.
Seed sowers, Horn. D. E. Speicher. 1,469,118; Sept. 25.
Seed-sowing device. P. S. Martin. 1,474,599; Nov. 20.
Seeder boot and shoe. M. Culbertson. 1,452,417; Apr. 17.
Seeding machine and manure spreader, Combined. P. Targosky. 1,452,625; Apr. 24.
Seeds, Apparatus for disintegrating. A. Schmidt. 1,447,045; Feb. 27.
Seeds, Apparatus for separating. E. D. Eddy. 1,452,457; Apr. 17.
Seeds, Combined huller, scarifier, and cleaner for clover and other such like. A. E. Whiteside. 1,445,189; Feb. 13.
Seesaw, Rotatable. R. C. and E. F. Fields. 1,465,662; Aug. 21.
Segmenting tool for citrous fruit. R. B. Polk. 1,468,648; Sept. 25.
Segregating apparatus. L. S. Robinson. 1,450,390; Apr. 3.
Seismograph, Field. L. Mintrop. 1,451,080; Apr. 10.
Selective switch. O. H. Kopp. 1,464,078; Aug. 7.
Selenium crystal and preparing same. F. C. Brown. 1,456,532; May 29.
Self-adjusting bolt. A. A. Adams. 1,449,484; Mar. 27.
Self-cleaning rake. J. D. Richards. 1,452,984; Apr. 24.
Self-closing gate. G. H. Knutson. 1,474,676; Nov. 20.
Self-closing tube. C. N. Kelley. 1,472,845; Nov. 6.
Self-locking frame. W. B. Renner. 1,476,643; Dec. 4.
Self-serving table. J. Materna. 1,444,697; Feb. 6.
Selvage trimmer. E. D. Putt. 1,468,396; Sept. 18.
Semaphore. W. F. Bossert. 1,449,580; Mar. 27.
Semaphore signal system, Automatic. R. L. Rockwell and E. G. Howe. 1,462,248; July 17.
Semielliptical spring. G. Terzaghi. 1,458,786; June 12.
Semifluid materials, Means for dispensing. D. W. Mitchell. 1,463,902; Aug. 7.
Semisolid or plastic materials, Dispensing apparatus for. H. W. Williams. 1,455,980; May 22.
Semitrailer. C. G. Clement. 1,448,054; Mar. 13.
Semitrailer. J. Morrison. 1,441,292; Jan. 9.
Semitrailer jack. J. Morrison. 1,475,592; Nov. 27.
Sender from a desired frequency, Circuit arrangement for indicating the deviation of a. W. Schaffer. 1,446,433; Feb. 20.
Sensitive plate, film, or the like for color prints. W. V. D. Kelley. 1,465,643; Aug. 21.
Separable fastener. F. S. Carr. 1,467,920; Sept. 11.
Separable fastener. A. L. Hess. 1,462,964; July 24.
Separable fastener. V. Puc. 1,446,768; Feb. 27.
Separating. G. R. Young. 1,465,010; Aug. 14.
Separating apparatus, Centrifugal. J. MacKaye. 1,469,230; Oct. 2.
Separating apparatus, Centrifugal. J. MacKaye. 1,469,522; Oct. 2.
Separating device. W. M. Adamson. 1,471,131; Oct. 16.
Separating device. T. M. Coffman. 1,475,985; Dec. 4.
Separating materials, Method and apparatus for. J. A. Rice. 1,456,934; May 29.
Separating means, Centrifugal. R. E. Lapham. 1,443,184; Jan. 23.
Separation and filter system and apparatus. C. D. Morton. 1,450,560; Apr. 3.
Separator: *See*—
Air separator.
Almond separator.
Amalgamator and separato
Battery separator.
Centrifugal separator.
Corn separator.
Cranberry separator.
Cream separator.
Egg separator.
Fluid separator.
Gold separator.
Grain separator.
Hydraulic separator.
Liquid and vapor separator.
Magnetic separator.
Oil separator.
Ore separator.
Seed separator.
Spiral separator.
Suction separator.
Tooth separator.
Separator. A. N. Christiansen. 1,448,482; Mar. 13.
Separator. H. R. Collins. 1,444,585; Feb. 6.
Separator. J. Herche. 1,449,044; Mar. 20.
Separator. M. R. Mann. 1,466,310; Aug. 28.
Separator. E. D. McWhorter and A. A. Bennett. 1,459,594; June 19.
Separator. M. M. Newton. 1,462,121; July 17.
Separator. R. M. Ostermann. 1,474,056; Nov. 13.
Separator. D. C. Ruth. 1,450,645; Apr. 3.
Separator. T. J. Sturtevant. 1,454,140; May 8.
Separator. L. J. Vandervoort. 1,465,884; Aug. 21.
Separator. W. H. Wineman. 1,440,808; Jan. 2.
Separator and collector, Condensation. C. K. Lassiter and J. Kindervater. 1,442,482; Jan. 16.
Separator-bowl construction. C. A. Robertson. 1,474,379; Nov. 20.
Separator element. B. Powers. 1,474,440; Nov. 20.
Separator plates, Apparatus for and method of cutting. M. S. Sargent. 1,454,455; May 8.
Separators, Device for adjusting bowl and bowl spindles on centrifugal. G. F. Fowler. 1,459,909; June 26.
Separators, Grain-transferring device for. B. B. Stauffer. 1,444,142; Feb. 6.
Separators, Isolator for battery. C. M. Angell. 1,460,010; June 26.
Septic tank. C. W. Baumgardner. 1,458,796; June 12.
Sequence switch. F. M. Slough. 1,462,251; July 17.
Service brake. R. Huff. 1,459,304; June 19.
Service clamp. P. Mueller. 1,459,030; June 19.
Service structure. T. O. Brooks and A. H. Buck. 1,468,956; Sept. 25.
Server, Rotating. W. R. Whittemore. 1,472,348; Oct. 30.
Serving apparatus. O. H. Doerfler. 1,450,434; Apr. 3.
Serving machines, Tension device for strip-. W. D. Kimball. 1,445,022; Feb. 13.
Serving stand, Adjustable. A. Roos. 1,466,191; Aug. 28.
Serving table, Portable. M. E. Exum. 1,455,395; May 15.
Settee and table, Combined. J. N. Miller. 1,452,613; Apr. 24.
Settling apparatus. W. E. Piper. 1,457,794; June 5.
Set-up bolt. H. J. Mathias. 1,440,613; Jan. 2.
Set-up boxes, Machine for making. H. J. Goss. 1,445,940; Feb. 20.
Setwork. W. T. Alfrey. 1,472,111; Oct. 30.
Sewage and the like, System for the treatment of. J. A. Coombs. 1,456,914; May 29.
Sewage, Apparatus for and method of treating. J. P. Ball. 1,456,046; May 22.
Sewage-disposal apparatus. H. Johnson. 1,470,745; Oct. 16.
Sewage, Treatment of. T. H. Fairbrother and A. Renshaw. 1,455,435; May 15.
Sewed articles, Duplex seam for. H. Corrall. 1,448,793; Mar. 20.
Sewed articles, Seam for. S. G. Tate. 1,473,687; Nov. 13.
Sewer-basin head. J. J. Fagan. 1,477,435; Dec. 11.
Sewer cleaner. H. A. Howard. 1,476,969; Dec. 11.
Sewer cleaner, Adjustable. J. M. and W. H. Thompson. 1,446,224; Feb. 20.
Sewer flusher. A. Stafford. 1,455,177; May 15.
Sewer inlet, Direct. L. Gschwind. 1,473,551; Nov. 6.
Sewing accessory. V. V. Moore. 1,456,032; May 22.
Sewing bench. W. A. Adams. Des. 62,356; May 15.
Sewing box. C. W. Frentz. 1,446,457; Feb. 27.
Sewing cabinet. G. A. Murray. Des. 62,459; June 5.
Sewing case. B. S. Schwed. 1,457,860; June 5.
Sewing, Guide for use in. M. E. Burnett. 1,448,827; Mar. 20.
Sewing machine. W. H. Barnett. 1,452,632–3; Apr. 24.
Sewing machine. J. Bingham. 1,471,720; Oct. 23.
Sewing machine. F. Bussiere. 1,467,473; Sept. 11.
Sewing machine. A. H. De Voe. 1,460,891; July 3.
Sewing machine. A. F. Fifield. 1,447,941; Mar. 6.
Sewing machine. J. Fossa. 1,475,009; Nov. 20.
Sewing machine. R. R. Hughes, jr. 1,459,103; June 19.
Sewing machine. J. Kiewicz. 1,461,619; July 10.
Sewing machine. J. Kiewics. 1,463,325; July 31.
Sewing machine. J. Kiewicz. 1,467,898; Sept. 11.
Sewing machine. W. F. Lautenschlager. 1,474,269; Nov. 13.
Sewing machine. J. Leathern. 1,464,081; Aug. 7.
Sewing machine. E. A. Lee. 1,449,682; Mar. 27.
Sewing machine. M. McCann. 1,461,428; July 10.
Sewing machine. G. W. Nelson. 1,468,319; Sept. 18.
Sewing machine. H. Perras. 1,470,932; Oct. 16.
Sewing machine. J. O. Potter and J. Cooper. 1,441,881; Jan. 9.
Sewing machine. F. A. Reece. 1,478,760; Dec. 25.
Sewing machine. W. T. B. Roberts. 1,470,646; Oct. 16.
Sewing machine. A. R. Schoenky. 1,464,030; Aug. 14.
Sewing machine. J. Schreiber. 1,440,556; Jan. 2.
Sewing machine. L. E. Topham. 1,443,396; Jan. 30.
Sewing machine. J. P. Weis. 1,464,377; Aug. 7.
Sewing-machine attachment. B. C. Penn. 1,477,003; Dec. 11.
Sewing-machine attachment for spiral stitching. A. M. English. 1,463,116; July 24.
Sewing machine, Bead-. J. A. Groebli. 1,445,764; Feb. 20.
Sewing machine, Bead-. J. A. Groebli. 1,471,892; Oct. 23.
Sewing machine, Blindstitch. C. A. Dearborn. 1,467,570; Sept. 11.
Sewing machine, Book-. L. Egger. 1,450,914; Apr. 10.
Sewing machine, Buttonhole-. J. Gouldbourn and H. H. Jackson. 1,442,398; Jan. 16.
Sewing machine, Buttonhole-. G. S. Hill. 1,445,316; Feb. 13.
Sewing machine, Buttonhole-. A. E. Lindner. 1,461,040; July 10.
Sewing machine, Buttonhole-. B. F. Leneque. 1,459,374; June 19.

Alphabetical list of inventions—Continued.

Sewing-machine cabinet and seat. M. H. Ennis. 1,462,271; July 17.
Sewing-machine cabinet, Drop-head. W. E. Derwent. Des. 62,057; Mar. 13.
Sewing machine, Chainstitch. A. Bellow. 1,466,466; Aug. 28.
Sewing machines, Differential feeding mechanism for. R. R. Hughes, jr. 1,478,519; Dec. 25.
Sewing-machine driving mechanism. L. Welker, jr. 1,461,058; July 10.
Sewing machine, Electrically-driven. C. W. H'Doubler. 1,472,588; Oct. 30.
Sewing machine, Electrically-driven drophead. C. E. Colegrove. 1,467,134; Sept. 4.
Sewing machine, Electrically-lighted. F. Diehl. 1,440,863; Jan. 2.
Sewing-machine feed mechanism. T. J. Hayes. 1,474,966; Nov. 20.
Sewing machine feed mechanism. R. M. Sharaf. 1,466,152; Aug. 28.
Sewing-machine feeding mechanism. A. H. De Voe. 1,452,072; Apr. 17.
Sewing-machine feeding mechanism. H. C. Moulton. 1,469,676; Oct. 2.
Sewing machine, Filled-bag-. S. G. Tate. 1,472,998; Nov. 6.
Sewing-machine foot. M. J. Berg. 1,446,688; Feb. 27.
Sewing machine for covering reenforced eyelets. E. B. Allen. 1,442,842; Jan. 23.
Sewing machine for forming concealed stitches. J. J. Heap. 1,474,362; Nov. 20.
Sewing machine for stitching waistbands. B. V. Kershner. 1,453,506; May 1.
Sewing-machine guide. J. J. Drake. 1,460,812; July 3.
Sewing-machine guide. J. J. Drake. 1,463,258; July 31.
Sewing machine guide. G. S. Gatchell. 1,473,617; Nov. 13.
Sewing machine, Inseam shoe-. W. C. Meyer. 1,467,586; Sept. 11.
Sewing machine, Loop-. A. L. Traver. 1,476,658; Dec. 4.
Sewing machine, Lock-stitch. F. J. T. and H. C. Bell. 1,474,138; Nov. 13.
Sewing machine, Lock-stitch. L. E. Topham. 1,462,587; July 24.
Sewing-machine motor. E. Nielsen. 1,474,604; Nov. 20.
Sewing-machine-motor bracket. F. Diehl. 1,455,391; May 15.
Sewing-machine-motor control. F. F. Hillix. 1,441,421–2; Jan. 9.
Sewing machine, Motor-driven. M. Hamleb. 1,444,917; Feb. 13.
Sewing machine, Motor-driven. M. Hemleb. 1,464,528; Aug. 14.
Sewing-machine motors, Mounting for. H. Maimin. 1,455,345; May 15.
Sewing machine, Multiple-needle. J. R. Moffatt and R. S. Kelso. 1,443,084; Jan. 23.
Sewing machine. Rotary lock-stitch. F. J. T. and H. C. Bell. 1,469,066; Sept. 25.
Sewing-machine-shafting guard. J. L. Cabelinsky. 1,455,899; May 22.
Sewing machine, Shoe-. S. A. Dobyne. 1,457,022; May 29.
Sewing machine, Shoe-. W. C. Meyer. 1,468,912; Sept. 25.
Sewing machine, Shoe-. F. E. Valois. 1,462,777; July 24.
Sewing-machine shuttle. L. E. Weaver. 1,440,569; Jan. 2.
Sewing machine take-ups, Thread controller for. J. C. Ringe and H. C. Nissen. 1,460,177; June 26.
Sewing machine, Wax-thread. F. E. Bertrand. 1,459,388; June 19.
Sewing machine, Wax-thread. W. C. Meyer. 1,468,317; Sept. 18.
Sewing-machine work supports, Adjusting means for. C. A. Dearborn. 1,448,731; Mar. 20.
Sewing machines, Attachment to. R. Netter. 1,457,547; June 5.
Sewing machines, Attachment for. A. B. Mattingly. 1,467,866; Sept. 11.
Sewing machines, Attachment for. A. B. Mattingly. 1,474,422; Nov. 20.
Sewing machines, Attachment for. A. B. Mattingly. 1,475,235; Nov. 27.
Sewing machines, Attachment for gatherers on. H. A. Pulliam. 1,451,110; Apr. 10.
Sewing machines, Automatic thread-tension-releasing means for. A. C. Crofford. 1,443,460; Jan. 30.
Sewing machines, Bobbin-winding attachment for. J. C. Ringe. 1,475,597; Nov. 27.
Sewing machines, Cloth plate for. J. R. Moffatt. 1,457,449; June 5.
Sewing machines, Cutter attachment for. N. Davis. 1,442,387; Jan. 16.
Sewing machines, Driving mechanism for. A. T. Mace. 1,450,602; Apr. 3.
Sewing machines, Embroidering attachment for. M. Hemleb. 1,452,687; Apr. 24.
Sewing machines, Feed mechanism for. R. M. Sharaf. 1,467,072; Sept. 4.
Sewing machines, Feeding mechanism for. A. H. De Voe. 1,448,795; Mar. 20.
Sewing machines, Feeding mechanism for. P. Hleb. 1,477,264; Dec. 11.
Sewing machines, Feeding mechanism for. J. R. Moffatt and R. S. Kelso. 1,443,634; Jan. 30.
Sewing machines, Feeding mechanism for. D. S. Seymour. 1,450,456; Apr. 3.
Sewing machines, Feeding mechanism for. D. S. Seymour. 1,458,199; June 12.
Sewing machines, Feeding mechanism for. S. G. Tate. 1,459,119; June 19.
Sewing machines, Folder for. J. E. Chalman. 1,443,118; Jan. 23.
Sewing machines, Friction drive for. A. B. Cohn. Re15,726; Nov. 27.
Sewing machines, Hemmer for. A. H. De Voe. 1,443,702; Jan. 30.
Sewing machines, Hemming attachment for. A. H. De Voe. 1,443,680; Jan. 30.
Sewing machines, Hemstitching attachment for. F. F. Holland. 1,469,936; Oct. 9.
Sewing machines, Interlock for. A. Grieb. 1,441,679; Jan. 9.
Sewing machines, Lace holder and guide for. R. M. Sharaf. 1,466,153; Aug. 28.
Sewing machines, Loop-taker mechanism for zigzag. R. M. Sharaf. 1,466,149; Aug. 28.
Sewing machines, Motor attachment for. F. F. Hillix. 1,445,946–8; Feb. 20.
Sewing machines, Motor attachment for. F. F. Hillix. 1,449,942; Mar. 27.
Sewing machines, Motor drive for. A. T. Mace. 1,462,516; July 24.
Sewing machines, Motor drive for. H. Maimin. 1,460,070; June 26.
Sewing machines, Needle guard for multiple-needle. J. R. Moffatt and R. S. Kelso. 1,444,632; Feb. 6.
Sewing machines, Needle guard for multiple-needle. J. R. Moffatt. 1,444,633–4; Feb. 6.
Sewing machines, Needle-jogging mechanism for. R. M. Sharaf. 1,466,154; Aug. 28.
Sewing machines, Needle-loop separator for. G. S. Gatchell. 1,449,508; Mar. 27.
Sewing machines, Plait folder for. J. J. Heap. 1,451,220; Apr. 10.
Sewing machines, Registering attachment for. W. L. Hannsz. 1,440,460; Jan. 2.
Sewing machines, Rotary hook or loop taker for. J. Leathem. 1,443,418; Jan. 30.
Sewing machines, Snap-fastener clamp for. M. McCann. 1,461,427; July 10.
Sewing machines, Stitch-forming mechanism for. E. B. Allen. 1,454,500; May 8.
Sewing machines, Stop for. H. Z. Cobb. 1,455,387; May 15.
Sewing machines, Strap-forming device for. C. F. Gray. 1,463,262; July 31.
Sewing machines, Strip folder for. C. Winkelmann. 1,444,894; Feb. 13.
Sewing machines, Supplemental work support for portable. G. R. Mock. 1,452,696; Apr. 24.
Sewing machines, Take-up for. J. Kiewicz. 1,467,897; Sept. 11.
Sewing machines, Tape-feeding attachment for. E. Romano. 1,465,000; Aug. 14.
Sewing machines, Tape guide for. J. G. Gerber. 1,466,937; Sept. 4.
Sewing machines, Thread-cutting mechanism for. A. F. Fifield. 1,442,141; Jan. 16.
Sewing machines, Thread-measuring mechanism for. E. E. Foster. 1,467,284; Sept. 4.
Sewing machines, Trimming device for. A. H. De Voe. 1,473,611; Nov. 13.
Sewing machines, Trimming mechanism for. S. G. Tate. 1,442,836; Jan. 23.
Sewing machines, Trimming or cutting mechanism for. R. M. Sharaf. 1,466,151; Aug. 28.
Sewing machines, Variable-speed power transmitter for. J. S. Finch. 1,473,030; Nov. 6.
Sewing machines, Work clamp for buttonhole-. M. McCann. 1,477,142; Dec. 11.
Sewing machines, Work-measuring attachment for. E. W. Entriken. 1,468,145; Sept. 18.
Sewing machines, Work-presenting mechanism for. H. C. Moulton. 1,469,675; Oct. 2.
Sewing machines, Zigzag mechanism for. R. M. Sharaf. 1,466,150; Aug. 28.
Sewing stand. D. W. Frank. 1,447,775; Mar. 6.
Shackle. A. Belair. 1,475,256; Nov. 27.
Shackle. J. M. Higgins. 1,458,622; June 12.
Shackle. R. G. Pilkington. 1,457,001; May 29.
Shackle construction, Spring-. D. G. Roos. 1,450,306; Apr. 3.
Shackle lock. A. Mielnicki. 1,455,921; May 22.
Shackle or the like, Spring. F. J. Druar. 1,448,686; Mar. 13.
Shade. E. S. Bliss. 1,459,715; June 26.
Shade and awning, Combined window. E. Poulsen. 1,476,464; Dec. 4.
Shade and curtain bracket. C. A. Maienschein. 1,458,232; June 12.
Shade and curtain clamp, Door and window. M. J. Manahan. 1,476,164; Dec. 4.

Shade and curtain fixture. C. C. Parker. 1,478,673; Dec. 25.
Shade and curtain fixture, Demountable. F. Mliczek. 1,477,272; Dec. 11.
Shade and curtain hanger, Combined adjustable. M. L. Moore. 1,476,349; Dec. 4.
Shade and curtain support, Adjustable window. W. X. York. 1,451,453; Apr. 10.
Shade and curtain support, Double window. J. Wloszek. 1,459,173; June 19.
Shade and curtain support, Window. H. D. Harris. 1,470,833; Oct. 16.
Shade and stand, Combined lamp. M. Kornblum. Des. 61,931; Feb. 13.
Shade attachment. W. D. Pickard. 1,458,845; June 12.
Shade, Automatic window. T. P. Livingston. 1,469,842; Oct. 9.
Shade bracket, Adjustable. B. W. Whitworth. 1,478,779; Dec. 25.
Shade bracket, Window-. C. E. Harsh. 1,473,291; Nov. 6.
Shade bracket, Window-. P. P. Pouler. 1,474,552; Nov. 20.
Shade container, Window-. G. W. Grigg. 1,461,390; July 10.
Shade device. P. S. Smith, A. Forbes, and W. L. Simmons. 1,443,656; Jan. 30.
Shade fixture. I. S. Sherwin. 1,457,465; June 5.
Shade fixture, Window-. N. Gugliuzzi. 1,451,947; Apr. 17.
Shade holder. R. Beardsley. 1,471,022; Oct. 16.
Shade holder. W. A. Dunlap. 1,464,699; Aug. 14.
Shade holder. T. Euphrat. 1,453,099; Apr. 24.
Shade holder. H. Henkel and H. Sternitzke. 1,446,088; Feb. 20.
Shade holder. A. R. Hinderliter. 1,455,166; May 15.
Shade holder. C. Kohlhaas. 1,445,960; Feb. 20.
Shade holder. W. Lumley. 1,447,258; Mar. 6.
Shade holder. C. S. Mallett. 1,458,233; June 12.
Shade holder. A. J. McMinn. 1,464,660; Aug. 14.
Shade holder. I. C. F. Wilcke and J. Kirby, jr. 1,470,790; Oct. 16.
Shade holder, Adjustable. E. G. Heath. 1,477,954; Dec. 18.
Shade, Lamp or other. F. Roettges. Des. 61,863; Jan. 30.
Shade, Mantle. M. A. Laird. 1,474,071; Nov. 20.
Shade-operating cords, Fastening. J. F. Wolfe. 1,469,133; Sept. 25.
Shade or curtain holding fixture. D. W. Russell. 1,472,026; Oct. 23.
Shade retarder. F. H. Hellus. 1,449,321; Mar. 20.
Shade roller. F. Dillon. 1,464,412; Aug. 7.
Shade roller. A. Morpeth. 1,455,145; May 15.
Shade roller. W. F. Smith. 1,450,520; Apr. 3.
Shade roller and curtain bracket, Combined. J. B. Swan. 1,454,226; May 8.
Shade-roller and curtain-pole fixture, Combined. J. C. Boyden. 1,459,611; June 19.
Shade-roller fixture. P. A. Perse, jr. 1,461,583; July 10.
Shade-roller fixture, Window. C. W. Kirsch. 1,476,160; Dec. 4.
Shade-roller mechanism, Window-. B. H. Tidy. 1,470,782; Oct. 16.
Shade roller, Metal. E. E. Whitmore. 1,470,789; Oct. 16.
Shade roller, Metal tubular. W. F. D. Greninger. 1,462,171; July 17.
Shade roller, Window-. C. W. Kirsch. 1,459,772; June 26.
Shade rollers and curtain poles, Bracket for supporting. G. Wonsowicz. 1,446,533; Feb. 27.
Shade rollers, Attachment for window-. T. X. Jones. 1,472,221; Oct. 30.
Shade slat, Metal. I. G. Cutright and J. A. Sharps. 1,446,837; Feb. 27.
Shade support. E. Heitman. 1,458,184; June 12.
Shade support, Adjustable. A. D. Brixey. 1,454,830; May 8.
Shade support, Adjustable. E. J. Hughes. 1,444,463; Feb. 6.
Shade, Ventilating window. V. M. Allen. 1,470,044; Oct. 9.
Shade, Window. W. F. Church. 1,469,150; Sept. 25.
Shade, Window. W. E. Whitehurst. 1,453,775; May 1.
Shade, Window. H. Zinser. 1,477,159; Dec. 11.
Shade, Windshield. H. H. Bullock. 1,455,475; May 15.
Shades and curtains, Support for window. P. Piotrowski. 1,459,342; June 19.
Shades, Automatic control for window. R. Walser. 1,472,703; Oct. 30.
Shades, Means for operating window. W. R. Parsons. 1,468,832; Sept. 25.
Shaft-alinement gauge. L. Fritz. 1,477,257; Dec. 11.
Shaft brake, Ratchet-jack-. E. E. Arnold. 1,465,569; Aug. 21.
Shaft coupling. A. E. Barber. 1,472,782; Nov. 6.
Shaft coupling. F. G. Hughes. 1,469,304; Oct. 2.
Shaft coupling. C. W. Ouderkirk. 1,469,527; Oct. 2.
Shaft coupling. W. Prellwitz. 1,448,506; Mar. 13.
Shaft coupling. G. W. Price and C. F. Zimansky. 1,464,337; Aug. 7.
Shaft coupling. E. N. Twogood. 1,460,001; June 26.
Shaft coupling, Cushion. M. R. Karge. 1,471,488; Oct. 23.
Shaft coupling, Flexible. M. T. Thomas. Re15,672; Aug. 14.
Shaft coupling, Flexible. E. D. Tubbs. 1,469,738; Oct. 2.
Shaft coupling, Keyed. R. H. Griffith. 1,458,820; June 12.
Shaft, Drive. T. F. Bower. 1,449,142; Mar. 20.
Shaft drive for combination drilling and well pulling. L. R. Morris. 1,456,186; May 22.
Shaft, Flexible driving. J. Berge. 1,444,231; Feb. 6.
Shaft hanger. I. F. Webb. 1,461,236; July 10.
Shaft-locking means. W. T. Barker. 1,476,437; Dec. 4.
Shaft manufacture. J. J. Carter. 1,463,144; July 24.
Shaft, Means for detachably connecting an operating member to a power driven. B. W. Klein. 1,474,153; Nov. 13.
Shaft-straightening apparatus. H. M. Brightman. 1,456,217; May 22.
Shaft unit, Cam-. A. H. Leipert. 1,457,707; June 5.
Shafting, Flexible. R. Goldschmidt. 1,450,284; Apr. 3.
Shafts, Adjustable thrust-bearing attachment for crank. E. B. Kimes and J. H. Carson. 1,458,344; June 12.
Shafts and other mechanical rotary members, Means for indicating error in direction of rotation of. J. McKechnie and W. F. Rabbidge. 1,461,448; July 10.
Shafts and the like, Means for packing rotating. H. E. La Bour. 1,463,365; July 31.
Shafts, Angle gear-housing adapter for flexible. F. G. Whittington. 1,460,524; July 3.
Shafts, Driving gear for converging. J. and C. J. Bamford. 1,442,513; Jan. 16.
Shafts, etc., Device for controlling rotary motion of. R. W. Newcomb. 1,446,267; Feb. 20.
Shafts, Flexible coupling for drive. A. R. Le Moon. 1,460,594; July 3.
Shafts from gears and the like, Press for separating. P. J. Oldershaw. 1,446,102; Feb. 20.
Shafts, Means for cushioning transmission. K. N. and J. Sachs. 1,464,220; Aug. 7.
Shafts, Mounting structure for. J. E. Bishop. 1,449,969; Mar. 27.
Shafts, Pedestal for sand-reel. T. W. Holley. 1,440,600; Jan. 2.
Shafts, Reversing mechanism for drive. G. Zilocki. 1,450,536; Apr. 3.
Shafts, Synchronizing of. H. Lemp. 1,471,901; Oct. 23.
Shafts, Universal-joint-casing closure for transmission. F. C. Standish. 1,447,492; Mar. 6.
Shafts, Universal joint for. H. C. Grant. 1,462,276; July 17.
Shaker. W. C. Chick. 1,450,279; Apr. 3.
Shaker. J. Lang. 1,468,534; Sept. 18.
Shaker. J. B. Sweet. 1,470,893; Oct. 16.
Shaker, Multicompartment. J. P. Clary. 1,446,878; Feb. 27.
Shaking screen. J. C. Buckbee. 1,441,558; Jan. 9.
Shaking screen, Adjustable. E. S. Stadelman. 1,460,284; June 26.
Shaking-out device. A. Nelson. 1,475,648; Nov. 27.
Shale, Apparatus for the combined solvent and destructive distillation treatment of. D. T. Day. 1,447,296; Mar. 6.
Shale, bituminous coal, and other materials, Retort for the distillation of. C. M. Garland. 1,473,616; Nov. 13.
Shale planer. J. M. Powell. 1,454,519; May 8.
Shale, Treating. S. Marko. 1,451,367; Apr. 10.
Shale, Treating oil-bearing. H. R. Straight. 1,441,542; Jan. 9.
Shampoo cup. L. M. Lea. 1,468,537; Sept. 18.
Shampooing and hair-washing apparatus. J. Wirth. 1,470,311; Oct. 9.
Shank-gouging machine. F. M. Furber. 1,441,222; Jan. 9.
Shank reenforce. F. J. Winchell. 1,447,001; Feb. 27.
Shank reenforcers, Apparatus for making. H. G. Josephson. 1,474,719; Nov. 20.
Shank stiffener. W. H. Nickerson. 1,459,239; June 19.
Shank stiffener. W. H. Nickerson. 1,462,798; July 24.
Shank stiffener. A. Reed. 1,473,516; Nov. 6.
Shaper. F. B. Yingling. 1,449,719; Mar. 27.
Shaper attachment, Vertical. L. E. Rhodes. 1,466,062; Aug. 28.
Share attachment. M. J. Cooney. 1,475,107; Nov. 20.
Sharpener, Automatic pencil. H. M. Mitchell. 1,456,904; May 29.
Sharpener, Cutlery. W. L. Hornke. 1,457,073; May 29.
Sharpener, Disk. C. C. Huff. 1,443,132; Jan. 23.
Sharpener, Knife. A. Bohlin. 1,462,080; July 17.
Sharpener, Knife. B. E. Bowles. 1,451,526; Apr. 10.
Sharpener, Knife. T. T. Graser. 1,477,820; Dec. 18.
Sharpener, Knife. K. W. Heyman. 1,458,938; June 19.
Sharpener, Knife. C. J. Holland. 1,477,488; Dec. 11.
Sharpener, Knife. A. Olson and A. Hast. 1,469,684; Oct. 2.
Sharpener, Knife. J. T. Tillman and W. J. Vsetecka. 1,449,636; Mar. 27.
Sharpener, Knife. J. R. Trigwell. 1,468,611; Sept. 18.
Sharpener, Knife and scissors. E. R. Judd and L. Minnick. 1,474,636; Nov. 20.
Sharpener, Lawn-mower. C. F. Brown. 1,448,519; Mar. 13.
Sharpener, Mower. N. N. Neher. 1,448,032; Mar. 13.
Sharpener, Pencil. H. Bernhard. 1,469,432; Oct. 2.
Sharpener, Plowshare. O. O. Moen, F. T. Gronnold, and A. M. Call. 1,476,209; Dec. 4.

Sharpener, Razor. P. E. Bird. 1,469,147; Sept. 25.
Sharpener, Razor-blade. B. P. Simone. 1,457,399; June 5.
Sharpener, Razor-blade. E. Voges. 1,470,514; Oct. 9.
Sharpener, Saw. O. Ramsey. 1,456,402; May 22.
Sharpener, Scissors. A. Borleis. 1,471,136; Oct. 16.
Sharpener, Scissors. E. Jones. 1,453,246; Apr. 24.
Sharpener, Scissors. T. J. Jones. 1,472,760; Oct. 30.
Sharpener, Shears. W. Jones. 1,451,396; Apr. 10.
Sharpener, Skate. W. J. Brunell. 1,466,785; Sept. 4.
Sharpener, Skate. F. G. Graves. 1,468,347; Sept. 18.
Sharpener, Skate. G. W. Hanlon. 1,441,499; Jan. 9.
Sharpeners, Cutter for pencil. A. P. Wilson. 1,470,416; Oct. 9.
Sharpeners, Pin-pulling device for drill. L. Hicks. 1,478,434; Dec. 25.
Sharpening device. B. and D. Fine. 1,449,854; Mar. 27.
Sharpening device. R. U. Irwin. 1,451,831; Apr. 17.
Sharpening device for shears. G. N. Palser. 1,464,442; Aug. 7.
Sharpening implement. R. A. Loomis. 1,463,653; July 31.
Sharpening machine, File-. W. P. Wagnon and H. J. Bomar. 1,470,206; Oct. 9.
Sharpening machine, Pencil-. A. Dandrieux. 1,472,557; Oct. 30.
Sharpening of augers or bits, Means for facilitating. A. W. McCurdy. 1,474,051; Nov. 13.
Sharpening lawn mowers, Machine for. C. F. Brown. 1,448,518; Mar. 13.
Sharpening machine. C. M. Huff. 1,457,064; May 29.
Sharpening machine, Automatic saw-. E. P. and H. W. Armstrong. 1,452,351; Apr. 17.
Sharpening machine, Disk-. J. E. Brittain. 1,463,665; July 31.
Sharpening machine, Lawn-mower-. F. H. Bierman. 1,444,100; Feb. 6.
Sharpening machine, Knife-. A. W. Rudolph. 1,441,030; Jan. 2.
Sharpening machine, Razor-blade-. T. Czelusniak and L. Chodubski. 1,459,653; June 19.
Sharpening machine, Razor-blade-. V. T. Miller. 1,462,490; July 24.
Sharpening mechanism. T. F. Welch and F. A. Reynolds. 1,449,470; Mar. 27.
Sharpening of tools, Compound for the. A. N. J. Zirsen. 1,454,369; May 9.
Sharpening the blades of safety razors, Apparatus for. C. T. Walker. 1,452,401; Apr. 17.
Sharpening the blades of safety razors, Devices adapted for. H. Watson. 1,443,401; Jan. 30.
Shaving gauge. G. Posnick. 1,442,359; Jan. 16.
Shaving kit. T. J. Stephens. 1,473,653; Nov. 13.
Shaving machine. R. L. Wilcox. 1,478,313; Dec. 18.
Shaving mug. E. D. Van Horsen. 1,475,905; Nov. 27.
Shear and notcher, Combined angle. E. J. Dreis. 1,472,329; Oct. 30.
Shear table, Back. L. Iversen. 1,453,319; May 1.
Shearing device. A. A. R. Berger. 1,449,159; Mar. 20.
Shearing device, Metal-. B. Dobazenecki. 1,468,228; Sept. 18.
Shearing machine. H. Hermani. 1,446,460; Feb. 27.
Shearing mechanism, Feed table for. W. R. Duda. 1,478,991; Dec. 25.
Shears. A. Karczewski. 1,444,792; Feb. 13.
Shears. N. Pazos. 1,447,483; Mar. 6.
Shears and other instrument, Pruning. C. H. Redman. 1,453,603; May 1.
Shears, Attachment for barber. A. Schuster. 1,466,193; Aug. 28.
Shears, Clamping device for rotary. C. L. Huston and A. Goodfellow. 1,478,900; Dec. 25.
Shears, Clipping. E. J. Hawks. 1,458,407; June 12.
Shears, Cutting. W. Johnsen. 1,457,527; June 5.
Shears, Flesh-cutting. C. I. Lagier. 1,456,639; May 29.
Shears for iron and similar materials. A. Wagenbach. 1,469,467; Oct. 2.
Shears holder, Paper-hanger's. G. W. Newberry. 1,460,434; July 3.
Shears, Marking attachment for. D. B. De Laney. 1,446,380; Feb. 20.
Shears or scissors. H. Wintle. 1,470,417; Oct. 9.
Shears, Pruning. L. J. Barrett. 1,454,917; May 15.
Shears, Sharpening machine for. O. F. Downey and C. L. Benson. 1,459,580; June 19.
Sheathing board. S. R. Shoup. 1,450,962; Apr. 10.
Sheathing, Fiber. M. A. Hammes. 1,446,177; Feb. 20.
Sheathing or shingle and the product, Producing a. A. H. Carrier. 1,448,614; Mar. 13.
Sheave. M. E. Neenan. 1,442,899; Jan. 23.
Sheave. M. E. Neenan. Re15,737; Dec. 25.
Sheave block. E. D. Swan and D. G. Manges. 1,463,731; July 31.
Sheave shocker. J. Theakston. 1,443,293; Jan. 23.
Sheave, V-grooved. D. L. Lindquist. 1,458,425; June 12.
Sheave wheel. T. S. Miller. 1,460,169; June 26.
Sheave wheels, Knuckle joint for wire-line. H. G. Parr. 1,440,889; Jan. 2.
Sheep protector. R. Murray. 1,456,706; May 29.
Sheet and tin-plate packs, Opening. W. Newby. 1,450,863; Apr. 3.
Sheet and tin-plate packs, Opening. W. Newby. 1,452,890; Apr. 24.
Sheet accumulator. D. Belcher. 1,458,317; June 12.
Sheet accumulator. B. C. Batcheller. 1,467,300; Sept. 11.
Sheet collecting and associating mechanism. H. M. Barber. 1,450,573–4; Apr. 3.
Sheet, Collated work. J. A. Wherry. 1,468,094; Sept. 18.
Sheet, Communication. H. L. Latz. 1,460,492; July 3.
Sheet, Composite metal-foil. J. S. Clune. 1,445,070; Feb. 13.
Sheet-cutting machine. A. Cheetham. 1,458,122; June 5.
Sheet delivery. E. P. Sheldon. 1,444,088; Feb. 6.
Sheet-delivery device. J. E. Doyle. 1,474,413; Nov. 20.
Sheet-delivery mechanism. J. White. 1,465,385; Aug. 21.
Sheet-doubling machine. F. W. Henskey. 1,448,442; Mar. 13.
Sheet feeder. E. W. Belluche. 1,478,374; Dec. 25.
Sheet feeder. W. E. Molins. 1,453,019; Apr. 24.
Sheet feeders, Stop device for. W. H. Smith. 1,468,754; Sept. 25.
Sheet-feeding machine. C. E. Christophel. Re15,573; Apr. 3.
Sheet-feeding mechanism. H. de Escobales. 1,441,271; Jan. 9.
Sheet-feeding mechanism. C. W. Tremper. 1,460,689; July 3.
Sheet, Form. G. A. Mayer. 1,477,581; Dec. 18.
Sheet-form material, Machine for cutting. C. B. Gray. 1,476,246; Dec. 4.
Sheet-handling device. D. M. Sutherland, jr. 1,464,513; Aug. 14.
Sheet heating and drying device. W. H. Smith. 1,440,640; Jan. 2.
Sheet gripper. F. C. Stevens. 1,462,923; July 24.
Sheet material, Absorbent. A. L. Clapp. 1,463,611; July 31.
Sheet material, Cutting of. F. M. Furber. 1,476,706; Dec. 11.
Sheet material, Finishing the edges of. J. Fossa. 1,464,650; Aug. 14.
Sheet material, Forming heat-insulating. W. R. Seigle. 1,444,396; Feb. 6.
Sheet material, Machine and method applicable in the cutting of. F. M. Furber. 1,450,945; Apr. 10.
Sheet material, Machine for operating on. H. M. Ross. 1,445,718; Feb. 20.
Sheet material, Machine for punching and riveting. A. R. Havener. 1,469,261; Oct. 2.
Sheet material, Mechanism for corrugating and indenting plastic. W. R. Seigle. 1,444,395; Feb. 6.
Sheet material, Method of and apparatus for finishing the edges of. N. V. Dyer. 1,469,255; Oct. 2.
Sheet material, Separating mechanism for. C. Henderson. 1,457,775; June 5.
Sheet metal and plates with turned-up outer edges, Press for manufacturing. K. Böhle. 1,456,586; May 29.
Sheet-metal article. A. Alloway. 1,474,923; Nov. 20.
Sheet-metal articles by pressing, Manufacture of small. A. H. Smith. 1,446,399; Feb. 20.
Sheet-metal articles, Method of and apparatus for forming. J. H. and J. L. Auble. 1,453,652; May 1.
Sheet-metal bin. J. H. Oxley. 1,471,197; Oct. 16.
Sheet-metal building. A. McKenzie. 1,461,538; July 10.
Sheet metal by fluid pressure, Shaping of. T. M. Harrison. 1,468,706; Sept. 25.
Sheet-metal can. F. Westerbeck. 1,455,182; May 15.
Sheet-metal casing. I. H. Sclater. 1,448,005; Mar. 13.
Sheet-metal construction. A. T. Holmes. 1,475,387; Nov. 27.
Sheet-metal cutting off machine. K. W. Hallden. 1,461,898–9; July 17.
Sheet-metal box. L. Gerhardt. 1,446,458; Feb. 27.
Sheet-metal fastener. S. Ruskin. 1,442,447; Jan. 16
Sheet-metal forms, Press for forming. J. H. and J. L. Auble. 1,443,408; Jan. 30.
Sheet-metal hanger. E. H. Ahara. 1,472,236; Oct. 30.
Sheet-metal plates, Apparatus for separating rolled. J. A. Hellstrom. 1,461,580; July 10.
Sheet metal, Process of and device for drawing bellied objects of. C. Neubeauer. 1,451,998; Apr. 17.
Sheet-metal radius rod. R. P. Simmons. 1,459,519; June 19.
Sheet-metal shovel. J. M. Ervin. 1,469,215; Oct. 2.
Sheet metal, Straightening. C. Flinn. 1,452,499; Apr. 24.
Sheet-metal structure, Hollow. C. Dornier. 1,460,372; July 3.
Sheet music and the like, Binding case for holding. J. W. West. 1,452,452; Apr. 17.
Sheet-opening mechanism. J. A. Hellstrom. 1,443,179; Jan. 23.
Sheet or annealing furnace. H. L. B. Schreck. 1,468,837; Sept. 25.
Sheet or card, Record. J. A. Wherry. 1,460,776; July 3.
Sheet-perforating device, Tune-. G. Messig. 1,448,560; Mar. 13.
Sheet piling, Metallic. J. ver Mehr and J. S. Owens. 1,460,263; June 26.
Sheet-placing machine. V. B. Brock. 1,447,958; Mar. 13.
Sheet, Punched loose-leaf. E. S. Pettis. 1,443,092; Jan. 23.
Sheet-registering device. H. K. King. 1,466,660; Sept. 4.

Sheet separating and feeding mechanism, Automatic. E. T. Waters. 1,478,464; Dec. 25.
Sheet-separating mechanism. C. E. Christophel. 1,475,621; Nov. 27.
Sheet-separating mechanism. C. Henderson. 1,457,776; June 5.
Sheet-slotting structure. H. A. Cumfer. 1,464,309; Aug. 7.
Sheet-smoothing device. J. White. 1,465,386; Aug. 21.
Sheet stacker. S. M. Langston. 1,446,570; Feb. 27.
Sheet-stacking mechanism. B. M. Fine. 1,460,059; June 26.
Sheet-stock recording gauge. G. L. Lawrence, jr., and L. A. Field. 1,446,300; Feb. 20.
Sheet-throw-out mechanism. H. A. W. Wood. 1,464,462; Aug. 7.
Sheet-trimming machine. C. A. Frahm. 1,461,796; July 17.
Sheet-turning device. J. A. Mets. 1,469,168; Sept. 25.
Sheets arranged in piles, Holder for. P. H. Horwitt. 1,464,074; Aug. 7.
Sheets, Collecting mechanism for printed. P. Aitchison. 1,477,024; Dec. 11.
Sheets, Conveyor and piler for large. W. A. Lacke. 1,466,177; Aug. 28.
Sheets, Drying oven for printed metal. C. E. McManus. 1,455,540; May 15.
Sheets from a web, Method of and apparatus for severing. C. P. Winter. 1,477,021; Dec. 11.
Sheets from tea-tree bark, Making composite. W. S. H. Doody. 1,445,132; Feb. 13.
Sheets, Mechanism for transferring and timing. B. F. Upham, F. R. Belluche, and K. F. Hornig. 1,453,773; May 1.
Sheets of different lengths from a continuous web, Machine for cutting and feeding. H. M. Barber. 1,468,452; Sept. 18.
Sheets or films, apparatus for making. A. F. Sulzer and H. E. Van Derhoef. 1,466,733; Sept. 4.
Sheets singly from a pile of sheets, Device for removing. R. Leumann. 1,477,835; Dec. 18.
Sheets, Sticking up. L. Latham and J. Caggiano. 1,448,134; Mar. 13.
Shelf. C. C. Meixell. 1,472,129; Oct. 30.
Shelf. W. J. Statler. 1,452,765; Apr. 24.
Shelf and bracket, Combined. A. F. Carlin. 1,452,144; Apr. 17.
Shelf and hanger rack, Combined. A. S. Deserty. 1,462,803; July 24.
Shelf and paper rack, Folding. L. T. Obele. 1,453,598; May 1.
Shelf bracket. J. T. Huff. 1,468,813; Sept. 25.
Shelf, drawer, and box dividing device. W. S. Kelly. 1,468,269; Sept. 18.
Shelf, Drain. D. M. Anderson. 1,477,799; Dec. 18.
Shelf extension. W. N. Vance. 1,462,670; July 24.
Shelf-stacking tray. Y. X. Gleason. 1,466,335; Aug. 28.
Shell, Aerial. G. E. Elia. 1,442,929; Jan. 23.
Shell, Blasting. G. S. Clark. 1,464,866; Aug. 14.
Shell, Expansion. J. H. Phillips. 1,449,624; Mar. 27.
Shell-forming mechanism. V. Mauck. 1,469,565; Oct. 2.
Shell, High-explosive. W. W. Pinkerton. 1,449,245; Mar. 20.
Shell-loading tool. A. O. Niedner. 1,449,775; Mar. 27.
Shell-timing device. A. Streicher. 1,476,552; Dec. 4.
Shell to a suitable backing, Method of and apparatus for securing a matrix. T. C. Roberts. 1,447,183; Mar. 6.
Shells, Loading high-explosive. W. A. Gibbons and A. Given. 1,453,933; May 1.
Shells, Vacuum release for. P. I. Wells. 1,462,500; July 24.
Shellacking machine, Automatic. J. F. Largy. 1,470,850; Oct. 16.
Sheller: *See*—
Corn sheller.
Sheller, Hand peanut. J. T. Huston. 1,477,649; Dec. 18.
Shelling machine, Peanut-. J. T. Huston. 1,477,648; Dec. 18.
Shelter, Portable. C. I. Baker. 1,473,074; Nov. 6.
Shelter, Portable knockdown. W. C. Houser. 1,460,098; June 26.
Shelving, Metal. W. N. Vance. 1,473,064; Nov. 6.
Shelving, Sheet-metal. J. Sturm. 1,450,191; Apr. 3.
Shield. M. Martinson. 1,466,669; Sept. 4.
Shield. A. C. Sanders. 1,462,127; July 17.
Shield. H. Simmons. Re15,667; July 31.
Shield and package carrier, Combined. J. E. McGee. 1,459,111; June 19.
Shield, Convertible wind and glare. S. W. McCullough. 1,477,655; Dec. 18.
Shield, Expansion. J. E. Ogden. 1,474,980; Nov. 20.
Shield, Glare. C. H. Lippy. 1,457,929; June 5.
Shield, Heat-deflection. G. E. Ryan. 1,455,551; May 15.
Shield, Reenforced-tread expansion. J. E. Ogden. 1,460,557; July 3.
Shield, Shade. G. H. Rydberg. 1,471,572; Oct. 23.
Shield, Shutter-carrying. C. A. Wiberg. 1,445,572; Feb. 13.
Shield, Storm. J. Bauer. 1,455,829–30; May 22.
Shield, Vision. H. L. Smith. 1,467,203; Sept. 4.
Shift mechanism, Case-. K. A. Lehmann. 1,451,737; Apr. 17.
Shifter-clamping device. J. Mintz. 1,470,181; Oct. 9.
Shim cutter. J. J. Knaack. 1,443,880; Jan. 30.
Shim drift, Spoke-tightening. J. D. Tucker. 1,473,409; Nov. 6.
Shingle. C. S. Bird. 1,447,750; Mar. 6.
Shingle. N. J. Burgett. 1,473,275; Nov. 6.
Shingle. N. P. Harshberger. 1,441,420; Jan. 9.
Shingle. N. P. Harshberger. 1,459,827; June 26.
Shingle. N. P. Harshberger. 1,460,795; July 3.
Shingle. N. P. Harshberger. 1,472,270; Oct. 30.
Shingle. G. I. and J. L. Strachan. 1,469,543; Oct. 2.
Shingle block and wall construction, Clay. A. Hardoncourt, jr. 1,464,423; Aug. 7.
Shingle, Composition. W. J. Hofstatter. 1,470,837; Oct. 16.
Shingle, Composition. R. S. Severns. 1,463,632; July 31.
Shingle construction, Enamel. P. Percsényi. 1,462,212; July 17.
Shingle, Convertible valley and hip composition. F. Basel. 1,461,886; July 17.
Shingle, Interlocked. J. E. Hooker. 1,442,614; Jan. 16.
Shingle machine, Flexible-. A. A. Griswold. 1,447,019; Feb. 27.
Shingle-making machine. S. M. Ford. 1,457,662–3; June 5.
Shingle, Multiple. J. Ott. 1,445,161; Feb. 13.
Shingle or block construction. A. C. Fischer. 1,447,290; Mar. 6.
Shingle, Ridge or hip flexible. A. A. Griswold. 1,471,396; Oct. 23.
Shingle, Roofing. B. C. Kridler. 1,464,366; Aug. 7.
Shingle, Roofing. J. F. Weber. 1,443,774; Jan. 30.
Shingle, Self-spacing. H. Abraham. 1,442,379; Jan. 16.
Shingle strip. H. Abraham. 1,453,373; May 1.
Shingle strip. R. W. Bird. 1,478,544; Dec. 25.
Shingle, Strip. L. Busha. 1,464,492–4; Aug. 14.
Shingle, Strip. R. P. Perry. 1,451,369; Apr. 10.
Shingle strip and making it. D. A. Cumfer. 1,455,713; May 15.
Shingle strips, Making. S. M. Langston. 1,441,359; Jan. 9.
Shingle strips, Making. S. M. Langston. 1,455,342; May 15.
Shingle strips, Making. A. S. Speer. 1,455,232; May 15.
Shingles and cleaning and lubricating dies, Machine for making. S. M. Ford. 1,463,314; July 31.
Shingles and the like, Anchoring clip for roofing. B. C. Kridler. 1,468,239; Sept. 18.
Shingles, Assembling of. E. J. Williams. 1,476,746; Dec. 11.
Shingles, Laying composition. G. T. Smith, jr. 1,467,510; Sept. 11.
Shingles, Machine and method for making. H. Wulff. Re15,566; Mar. 27.
Shingles, Machine and method for making fiber. H. Wulff. Re15,565; Mar. 27.
Shingles, Machine for cutting composition. S. M. Langston. 1,473,377; Nov. 6.
Shingles, Machine for making fiber. S. M. Langston. 1,462,138; July 17.
Shingles, Making parti-colored bituminous roofing. J. S. Miller, jr. 1,452,978; Apr. 24.
Shingles, Method and means for laying. E. J. Williams. 1,476,745; Dec. 11.
Shingles, Packaging. H. Abraham. 1,460,833; July 3.
Shingles, Starting strip for use with asphalt. R. Wilson. 1,444,821; Feb. 13.
Ship. M. F. Hill. 1,477,646; Dec. 18.
Ship construction. E. P. du Pont. 1,466,705; Sept. 4.
Ship construction. J. T. L. Lavagetto. 1,453,588; May 1.
Ship construction. G. W. Thomas. 1,442,744; Jan. 16.
Ship-hull construction, Steel. R. E. Ellis. 1,467,426; Sept. 11.
Ship hulls and like floatable structures, Mold for making. E. A. Larsen. 1,460,676; July 3.
Ship, Mounting for the support of instruments on board. A. Barr and W. Stroud. 1,441,477; Jan. 9.
Ship-propelling device. G. Tust. 1,471,870; Oct. 23.
Ship-propulsion apparatus. W. Reid. 1,470,191; Oct. 9.
Ship propulsion, Electric. A. H. Mittag. 1,461,553; July 10.
Ship-propulsion system. F. H. Clough. 1,461,575–6; July 10.
Ship-propulsion system. C. Macmillan. 1,461,551; July 10.
Ship-propulsion system. A. H. Mittag. 1,461,552; July 10.
Ship, Reenforced concrete. G. E. McCrea. 1,441,692; Jan. 9.
Ship, Stabilized. H. H. Thompson and A. E. Schein. 1,475,460; Nov. 27.
Ship stabilizer. S. Gadomski. 1,444,150; Feb. 6.
Ship stabilizer. J. Solarczyk. 1,442,707; Jan. 16.
Ship, Wind-propelled. F. O. Kohn. 1,459,979; June 26.
Shipments, Means employed for locating. A. C. McDonald. 1,448,973; Mar. 20.
Shipping and discharging cargo, Device for. Y. Nakamura. 1,449,691; Mar. 27.
Shipping bag. R. S. Jones. 1,466,658; Sept. 4.
Shipping box. D. Doody. 1,478,325; Dec. 18.
Shipping box. W. A. Wilcox. 1,450,273; Apr. 3.

Alphabetical list of inventions—Continued.

Shipping box, Foldable. G. X. Wendling. 1,453,611; May 1.
Shipping box or case. M. W. Quirk. 1,466,853; Sept. 4.
Shipping case. D. F. Ebbert. 1,442,714; Jan. 16.
Shipping case. W. F. Helmond. 1,447,513; Mar. 6.
Shipping case. J. M. Leach. 1,465,225; Aug. 14.
Shipping case and display rack, Combined. M. H. Connor. 1,477,634; Dec. 18.
Shipping case and display stand. A. C. Stahfert. 1,476,474; Dec. 4.
Shipping case, Plant-ball-. J. T. Lovett, jr. 1,464,534; Aug. 14.
Shipping case, Wooden. A. H. Goodwin. 1,443,681; Jan. 30.
Shipping cases, Sealing fiber. H. R. Bliss. 1,452,588; Apr. 24.
Shipping container. F. Berdolt. 1,444,450; Feb. 6.
Shipping container. W. R. O'Connor. 1,444,134; Feb. 6.
Shipping container. L. E. Rooks. 1,459,991; June 26.
Shipping container. W. E. Sanders. 1,453,480; May 1.
Shipping container. A. Schilling. 1,455,270; May 15.
Shipping container. W. Tribble. 1,452,768; Apr. 24.
Shipping container for eggs and other fragile articles. L. Oxhandler. 1,454,601; May 8.
Shipping container for fragile articles. M. Koppelman. 1,445,772; Feb. 20.
Shipping deck. J. C. McComas. 1,459,511; June 19.
Shipping device. E. Rogers. 1,471,753; Oct. 23.
Shipping device for articles of cylindrical shape. P. E. Gerlat. 1,477,818; Dec. 18.
Shipping, dispensing, and display box or carton, Combined. A. J. Ganz. 1,454,849; May 15.
Shipping purposes, Individual recording device for. W. H. Becker. 1,456,583; May 29.
Shipping rates, Guide showing comparative express and parcel-post. C. W. Flint. Re15,687; Sept. 18.
Shipping receptacle. W. C. Klauser. 1,470,750; Oct. 16.
Shipping receptacle. A. T. Vinson. 1,474,455; Nov. 20.
Ship-steering mechanism, Automatic. J. Fizesán. 1,458,174; June 12.
Ships and submerged structures, Mounting of electrodes or electric discharge points in the hulls of. J. B. Wilkie and H. Neville. 1,467,890; Sept. 11.
Ships, Bilge tunnel for. G. Simpson and J. R. Gordon. 1,442,982; Jan. 23.
Ships' bottoms, Apparatus for cleaning. J. Overall. 1,468,646; Sept. 25.
Ships' bottoms below the water level, Apparatus for scrubbing. L. Thorsen. 1,466,315; Aug. 28.
Ship's cabin. E. Caspary. 1,452,026; Apr. 17.
Ships, Driving arrangement for. A. T. Kasley. 1,461,852; July 17.
Ships, Gauge for indicating the draft of. J. MacGregor. 1,478,288; Dec. 18.
Ship's hatch. E. E. von Tell. 1,455,513; May 15.
Ship's hull and other iron or steel vessel or container. P. Roberts. 1,446,274; Feb. 20.
Ships, Leak-closing device for. J. Espinosa de los Monteros. 1,469,624; Oct. 2.
Ship's log. T. S. and P. J. Walker. 1,451,602; Apr. 10.
Ships, Machine for the cleansing of the bottoms and sides of floating. H. Arentz. 1,471,935; Oct. 23.
Ships, Means for governing the rolling of. E. A. Sperry. 1,452,482; Apr. 17.
Ship's motor. R. Wahl. 1,446,775; Feb. 27.
Ships' plates, Fastening means for. W. Meyer. 1,461,195; July 10.
Ships' ports, Multiple operating mechanism for. A. H. Kenneweg. 1,467,642; Sept. 11.
Ships provided with propellers, Means for controlling and reversing. S. Golden. 1,475,695; Nov. 27.
Ships, Subcargo-unloading apparatus for. L. D. Smith. 1,466,854; Sept. 4.
Shirt. G. P. Cragin. 1,465,625; Aug. 21.
Shirt. W. A. Scott, jr. 1,476,548; Dec. 4.
Shirt band and cuff button. J. C. Stocks. 1,463,345; July 31.
Shirt construction. A. A. Fournier. 1,471,457; Oct. 23.
Shirt having reversible soft cuffs. C. M. Steinmetz. 1,445,364; Feb. 13.
Shirt retainer. D. Schreiber. 1,459,750; June 26.
Shirt sleeve with detachable cuff. A. C. Altenburg. 1,453,779; May 1.
Shirts, Reversible cuff for. R. P. Griffin. 1,442,801; Jan. 23.
Shock absorber. E. W. Ackerman. 1,476,352; Dec. 4.
Shock absorber. W. A. Anglemeyer. 1,476,320; Dec. 4.
Shock absorber. G. Antonelli. 1,462,731; July 24.
Shock absorber. R. Arrowsmith. 1,461,959; July 17.
Shock absorber. C. I. Bailey. 1,474,810; Nov. 20.
Shock absorber. D. B. D. Blake. 1,455,743; May 15.
Shock absorber. D. B. D. Blake. 1,465,206; Aug. 14.
Shock absorber. O. G. Bloom. 1,475,044; Nov. 20.
Shock absorber. D. Boudeman, Jr. 1,469,915; Oct. 9.
Shock absorber. A. De Bretteville and G. J. Henry. 1,458,278; June 12.
Shock absorber. J. H. Brooks. 1,442,022; Jan. 9.
Shock absorber. C. T. Brown. 1,442,246; Jan. 16.
Shock absorber. R. R. Brown and G. M. Peterson. 1,467,090; Sept. 4.
Shock absorber. J. H. Bueter. 1,470,906; Oct. 16.
Shock absorber. S. and W. J. Burgess. 1,465,341; Aug. 21.
Shock absorber. B. F. Burns. 1,454,535; May 8.
Shock absorber. T. F. Butler. 1,442,646; Jan. 16.
Shock absorber. J. H. Chambers. 1,443,617; Jan. 30.
Shock absorber. C. N. Colstad. 1,470,148; Oct. 9.
Shock absorber. G. E. Craig, and J. W. McNabnay. 1,444,148; Feb. 6.
Shock absorber. W. A. Crook. 1,449,270; Mar. 20.
Shock absorber. H. Crowley. 1,474,578; Nov. 20.
Shock absorber. J. Dahlstrom. 1,471,474; Oct. 23.
Shock absorber. G. E. Dennis. 1,456,367; May 22.
Shock absorber. F. A. Dowler. 1,450,144; Mar. 27.
Shock absorber. C. Dozier. 1,468,614; Sept. 18.
Shock absorber. E. R. Draver. 1,458,912; June 12.
Shock absorber. N. S. Focht. 1,458,814; June 12.
Shock absorber. P. Du Ford. 1,442,713; Jan. 16.
Shock absorber. J. T. Ferres. 1,445,615; Feb. 13.
Shock absorber. S. Gavel and E. Frost. 1,450,954; Apr. 10.
Shock absorber. A. E. C. Gilmour. 1,464,524; Aug. 14.
Shock absorber. E. S. Glover. 1,441,415; Jan. 9.
Shock absorber. E. M. Gorrell. 1,448,741; Mar. 20.
Shock absorber. R. M. Gruss. 1,446,793; Feb. 27.
Shock absorber. A. E. Guertin. 1,461,391; July 10.
Shock absorber. I. O. Haines. 1,473,343; Nov. 6.
Shock absorber. L. P. Halladay. 1,474,964; Nov. 20.
Shock absorber. W. E. Harmon. 1,463,552; July 31.
Shock absorber. R. H. Hassler. 1,476,609; Dec. 4.
Shock absorber. W. R. Hastedt. 1,478,711; Dec. 25.
Shock absorber. J. Hofmann. 1,444,248; Feb. 6.
Shock absorber. R. D. Hughes. 1,477,959; Dec. 18.
Shock absorber. P. K. Jones. 1,471,267; Oct. 16.
Shock absorber. B. Kerr. 1,447,088; Feb. 27.
Shock absorber. A. W. Kettle and A. A. Thayer. 1,472,870; Nov. 6.
Shock absorber. V. Krefl. 1,461,915; July 17.
Shock absorber. E. Kruk. 1,458,302; June 12.
Shock absorber. C. A. Kutcher. 1,446,424; Feb. 20.
Shock absorber. C. W. Lake. 1,477,504; Dec. 11.
Shock absorber. J. S. Lang. 1,448,131; Mar. 13.
Shock absorber. J. S. Lang. 1,463,284; July 31.
Shock absorber. S. G. Lewis and G. W. Daum. 1,468,881; Sept. 25.
Shock absorber. R. Liebau. 1,464,574; Aug. 14.
Shock absorber. R. M. Lovejoy. 1,450,601; Apr. 3.
Shock absorber. R. M. Lovejoy. 1,460,723; July 3.
Shock absorber. Z. P. Loyd. 1,454,391–2; May 8.
Shock absorber. Z. P. Loyd and H. W. Larsson. 1,454,393; May 8.
Shock absorber. T. C. Luce. 1,448,224; Mar. 13.
Shock absorber. J. W. Lusk. 1,455,920; May 22.
Shock absorber. H. Lutz. 1,463,219; July 31.
Shock absorber. A. P. Malloy, jr. 1,454,973; May 15.
Shock absorber. H. R. Mitchell. 1,458,494; June 12.
Shock absorber. R. S. M. Mitchell. 1,454,132; May 8.
Shock absorber. H. E. and B. F. Moore. 1,467,945; Sept. 11.
Shock absorber. P. S. Morgan. 1,472,420; Oct. 30.
Shock absorber. W. R. Morton. 1,452,568; Apr. 24.
Shock absorber. P. J. Murray and M. L. Clark. 1,465,993; Aug. 28.
Shock absorber. R. L. Naugle. 1,476,212; Dec. 4.
Shock absorber. L. M. Neal. 1,445,704; Feb. 20.
Shock absorber. A. J. Perkins. 1,470,931; Oct. 16.
Shock absorber. C. C. Pflittner. 1,455,121; May 15.
Shock absorber. F. E. Poindexter. 1,454,905; May 15.
Shock absorber. W. S. Rabb. 1,455,265; May 15.
Shock absorber. R. Ragsdale. 1,465,023; Aug. 14.
Shock absorber. A. C. Ree. 1,457,122; May 29.
Shock absorber. L. C. Reed. 1,477,976; Dec. 18.
Shock absorber. L. H. Rice. 1,460,443; July 3.
Shock absorber. H. C. Schmidt and C. C. Sheppard. 1,448,282; Mar. 13.
Shock absorber. W. J. Schuessler. 1,445,414; Feb. 13.
Shock absorber. H. B. Shaeffer. 1,456,470; May 22.
Shock absorber. R. I. Spencer. 1,447,439; Mar. 6.
Shock absorber. G. H. Stoner. 1,460,771; July 3.
Shock absorber. W. J. Storey. 1,468,652; Sept. 25.
Shock absorber. J. M. Swanstrom. 1,474,498; Nov. 20.
Shock absorber. A. G. Tappen and A. V. Wallentine. 1,470,301; Oct. 9.
Shock absorber. H. A. Toulmin, jr. 1,456,657; May 29.
Shock absorber. E. A. Traver. 1,477,791; Dec. 18.
Shock absorber. S. J. Vesely. 1,474,125–6; Nov. 13.
Shock absorber. G. F. Voight. 1,445,251; Feb. 13.
Shock absorber and rebound check for motor-propelled vehicles, Combined. G. G. F. Boswell. 1,462,737; July 24.
Shock absorber, Battery. E. J. Colgan. 1,459,973; June 26.
Shock-absorber connection. R. M. Lovejoy. 1,460,856; July 3.
Shock absorber for automobiles. H. D. Hilliard. 1,451,509; Apr. 10.
Shock absorber for automobile springs. P. W. Johnson. 1,465,396; Aug. 21.
Shock absorber for motor vehicles. J. O. Delgado. 1,453,785; May 1.
Shock absorber for towlines. P. G. Pagel. 1,449,346; Mar. 20.
Shock absorber for vehicles. E. F. McCarthy. 1,466,368; Aug. 28.
Shock absorber for vehicles. J. M. Stoner. 1,470,036; Oct. 9.

Shock absorber, Lever. G. F. Voight. 1,445,250; Feb. 13.
Shock absorber, Line-shaft. B. A. Mikkelson. 1,457,711; June 5.
Shock absorber, Pneumatic. E. Van Der Pyl. 1,467,986–7; Sept. 11.
Shock absorber, Radius-rod. G. E. Dennis. 1,456,368; May 22.
Shock absorber, Rebound-check. G. G. F. Boswell. 1,462,738; July 24.
Shock absorber, Rebound-check. E. A. Tverdahl. 1,477,299; Dec. 11.
Shock-absorber spring. T. B. Jenkins. 1,452,973; Apr. 24.
Shock-absorber top coupling. G. D. Neal. 1,453,163; Apr. 24.
Shock absorber, Variable-action. H. R. Mitchell. 1,456,856; May 29.
Shock absorber, Vehicle. W. M. Boenning. 1,440,905; Jan. 2.
Shock absorber, Vehicle. J. V. Martin. 1,471,968; Oct. 23.
Shock-absorbing apparatus. J. B. Exposito. 1,443,706; Jan. 30.
Shock-absorbing coupling. G. W. Hart. 1,449,817; Mar. 27.
Shock-absorbing device. E. S. Bradfield. 1,458,517; June 12.
Shock-absorbing device. R. Reed. 1,458,149; June 12.
Shock-absorbing device for spring-supported vehicles. N. E. Dufty. 1,478,642; Dec. 25.
Shock-absorbing fender. W. G. Cox. 1,459,652; June 19.
Shock-absorbing mechanism. C. K. Brooks. 1,452,725; Apr. 24.
Shock-absorbing mechanism for automobiles and other vehicles, Adjustable air and liquid cushioning. F. N. Sprague. 1,449,703; Mar. 27.
Shock-absorbing mechanism for automotive vehicles, Combined air and liquid. F. N. Sprague. 1,468,332; Sept. 18.
Shock-absorbing mechanism, Friction. W. A. Geiger. 1,441,274; Jan. 9.
Shock-absorbing mechanism, Friction. S. B. Haseltine. 1,442,877–8; Jan. 23.
Shock-absorbing mechanism, Friction. S. B. Haseltine. 1,460,580; July 3.
Shock-absorbing mechanism, Friction. G. Q. Lewis. 1,441,287–8; Jan. 9.
Shock-absorbing mechanism, Friction. G. Q. Lewis. 1,442,893; Jan. 23.
Shock-absorbing mechanism, Friction. J. F. O'Connor. 1,441,294–5; Jan. 9.
Shock-absorbing mechanism, Friction. J. F. O'Connor. 1,444,553; Feb. 6.
Shock-absorbing mechanism, Friction. J. F. O'Connor. 1,447,424; Mar. 6.
Shock-absorbing mechanism, Friction. J. F. O'Connor. 1,448,491–502; Mar. 13.
Shock-absorbing mechanism, Friction. J. F. O'Connor. 1,448,765; Mar. 20.
Shock-absorbing mechanism, Friction. J. F. O'Connor. 1,450,383; Apr. 3.
Shock-absorbing mechanism, Friction. J. F. O'Connor. 1,451,103–4; Apr. 10.
Shock-absorbing mechanism, Friction. J. F. O'Connor. 1,453,691–4; May 1.
Shock-absorbing mechanism, Friction. J. F. O'Connor. 1,456,994–5; May 29.
Shock-absorbing mechanism, Friction. J. F. O'Connor. 1,456,998–9; May 29.
Shock-absorbing mechanism, Friction. J. F. O'Connor. 1,462,616; July 24.
Shock-absorbing mechanism, Friction. J. F. O'Connor. 1,464,723–5; Aug. 14.
Shock-absorbing mechanism, Friction. J. F. O'Connor. 1,466,741–4; Sept. 4.
Shock-absorbing mechanism, Friction. J. F. O'Connor. 1,472,932; Nov. 6.
Shock-absorbing spring. J. Grundler. 1,467,035; Sept. 4.
Shock-absorbing spring. J. Y. King. 1,468,907; Sept. 25.
Shock-absorbing spring. E. Matthews. 1,459,983; June 26.
Shock-absorbing spring. G. T. Strite. 1,445,418; Feb. 13.
Shock-absorbing system, Vehicle. R. H. Hassler. 1,475,384; Nov. 27.
Shock-absorbing wheel. F. E. Loudy. 1,474,420; Nov. 20.
Shock compressing and binding device. J. F. Patterson. 1,462,817; July 24.
Shock eliminator. R. T. Newton. 1,463,766; July 31.
Shocking machine. W. H. Church. 1,449,265; Mar. 20
Shocking machine, Magneto-electric. W. P. Wiemann. 1,454,528; May 8.
Shoe. E. Anderson. 1,467,296; Sept. 11.
Shoe. E. H. Binns. 1,478,467; Dec. 25.
Shoe. H. B. Bohr. 1,461,793; July 17.
Shoe. W. H. Cary. 1,475,747; Nov. 27.
Shoe. I. H. Case. 1,465,343; Aug. 21.
Shoe. E. Cassano. 1,468,591; Sept. 18.
Shoe. J. J. Daly. 1,468,284; Sept. 18.
Shoe. H. B. Gorman. 1,469,831; Oct. 9.
Shoe. W. C. Habberley. 1,466,552; Aug. 28.
Shoe. M. S. Hess. 1,458,824; June 12.
Shoe. G. J. Hruska. Des. 63,649; Dec. 25.
Shoe. J. F. Jonas. 1,456,695; May 29.
Shoe. M. Kukovec. Des. 63,302; Nov. 20.
Shoe. A. M. Lochwitzky. 1,458,717; June 12.
Shoe. E. Magaldi. 1,443,270; Jan. 23.
Shoe. G. T. McLeod. 1,458,719; June 12.
Shoe. L. E. Murphy. 1,456,251; May 22.
Shoe. E. Puhakka. 1,453,950; May 1.
Shoe. R. J. Reim. 1,469,697; Oct. 2.
Shoe. B. J. Riefling. 1,445,356; Feb. 13.
Shoe. O. B. Salisbury. 1,455,887; May 22.
Shoe. A. Serino. Des. 61,988; Feb. 20.
Shoe. J. D. Yeager. 1,463,278; July 31.
Shoe and arch support, Combined. E. S. A. Endrea. 1,477,750; Dec. 18.
Shoe and making shoes. C. Reggio. 1,471,917; Oct. 23.
Shoe and making the same. S. Evans. 1,472,017; Oct. 23.
Shoe, Athletic. F. Haggerty. 1,472,415; Oct. 30.
Shoe, Athletic. J. T. Riddell. 1,462,625; July 24.
Shoe-blacking stands, Foot rest for. S. J. Dodd. 1,474,411; Nov. 20.
Shoe bottoms, Machine for operating on. E. Erickson. 1,461,085.
Shoe bottoms, Machine for operating on. E. Erickson. 1,474,348; Nov. 20.
Shoe bottoms, Making. E. E. Winkley. 1,472,109; Oct. 30.
Shoe bottoms, Means for attaching heels to. F. Riccioli. 1,478,144; Dec. 18.
Shoe, Braced. D. J. Golden. 1,441,677; Jan. 9.
Shoe, Brake. H. Jones. 1,462,967; July 24.
Shoe-buttoning machine. M. Brock. 1,470,595; Oct. 16.
Shoe case. H. W. Morell. 1,447,145; Feb. 27.
Shoe clasp. T. Russell. 1,474,168; Nov. 13.
Shoe cleaner and scraper. J. N. Robertson. 1,456,575; May 29.
Shoe-cleaning composition and process. F. G. Mark. 1,447,879; Mar. 6.
Shoe-cleaning device. M. Bzowy. 1,471,826; Oct. 23.
Shoe-cleaning guard. D. Seals. 1,466,065; Aug. 28.
Shoe construction. P. F. McNulty. 1,444,747; Feb. 6.
Shoe. Cuboid-support. W. C. Burns. 1,473,952; Nov. 13.
Shoe cuff, Detachable. E. H. and R. H. Binns. 1,478,468; Dec. 25.
Shoe dressing. S. Cassisa. 1,461,696; July 10.
Shoe end clamping mechanism. R. E. Duplessis. 1,441,218; Jan. 9.
Shoe-expanding appliance. A. H. Keys. 1,449,287; Mar. 20.
Shoe fastener. E. Loehr-Voight. 1,464,849; Aug. 14.
Shoe filler. R. A. Roblee. 1,454,412; May 8.
Shoe-finishing machine. S. A. Dobyne. 1,447,765; Mar. 6.
Shoe-finishing machine. S. A. Dobyne. 1,476,195–6; Dec. 4.
Shoe form. W. C. Richardson. 1,474,444; Nov. 20.
Shoe form. A. J. Shimp. 1,444,010; Feb. 6.
Shoe heel. J. N. Crasilneck. 1,441,068; Jan. 2.
Shoe heel. W. H. Nutt. 61,877; Feb. 6.
Shoe heel. F. G. Delbon. Des. 62,321; May 8.
Shoe-heel bases, Making. O. T. Crafts. 1,458,524; June 12.
Shoe-heel buffer. M. Cangen. 1,445,295; Feb. 13.
Shoe-heel stiffener. W. M. Courson. 1,456,915; May 29.
Shoe, Heeled. J. F. Marshall. 1,445,783; Feb. 20.
Shoe horn. G. H. Nevius. Des. 63,235; Nov. 6.
Shoe horn. D. O. Williams. 1,477,408; Dec. 11.
Shoe-insole construction. G. R. Davis, 1,475,055; Nov. 20.
Shoe jack. J. De Sanctis. 1,467,712; Sept. 11.
Shoe jack. G. De Sanctis. 1,475,002; Nov. 20.
Shoe laces, Metal tip for. F. Lewis. 1,471,965; Oct. 23.
Shoe lacing. O. Graff. 1,450,918; Apr. 10.
Shoe last. J. W. Brockman. 1,457,872; June 5.
Shoe last. F. G. Delbon. 1,475,690; Nov. 27.
Shoe last. W. E. Dentten. 1,452,237; Apr. 17.
Shoe last, Adjustable. H. Gafner. 1,465,356; Aug. 21.
Shoe-last stand. W. A. Reed. 1,463,753; July 31.
Shoe liner. C. A. L. Saunders. 1,460,608; July 3.
Shoe machine. H. Muskin. 1,448,568; Mar. 13.
Shoe machinery, Electric heater for. C. L. White. 1,454,875; May 15.
Shoemaker's repair form. R. Castrogiovanni. 1,461,517; July 10.
Shoemaking. H. T. Doulett. 1,455,523; May 15.
Shoe mechanism, Train-control. A. G. Shaver. 1,462,073; July 17.
Shoe, Molder's. J. E. Krucks. 1,445,962; Feb. 20.
Shoe or boot. E. H. Wiel. 1,462,095; July 17.
Shoe ornament. G. C. Kennedy. 1,463,531; July 31.
Shoe or similar article. W. L. Baxter. Des. 62,687; July 24.
Shoe pad, Nonslipping. G. Koetter. 1,464,365; Aug. 7.
Shoe-part blanks, Cutting. C. Hunt. 1,450,257; Apr. 3.
Shoe parts, Machine for operating upon. R. S. Megathlin and A. E. Hudson. 1,458,190; June 12.
Shoe-polish box. T. L. Taliaferro. 1,465,100; Aug. 14.
Shoe-polish container. F. P. Budd. 1,472,632; Oct. 30.
Shoe-polishing device. M. J. Moreno. 1,452,386; Apr. 17.
Shoe-polishing kit. L. J. Foreman. 1,476,604; Dec. 4.
Shoe-polishing machine. C. A. Harris. 1,448,342–3; Mar. 13.
Shoe-polishing set. A. Polansky. 1,464,336; Aug. 7.
Shoe protector. E. Viertels. 1,450,396; Apr. 3.
Shoe rack. J. S. Cantelo. 1,465,777; Aug. 21.
Shoe rack. H. L. Glidden. 1,450,948; Apr. 10.

Alphabetical list of inventions—Continued.

Shoe rack. T. P. Lallance. Des. 63,054; Sept. 25.
Shoe rack. C. B. Tibbetts. 1,447,228; Mar. 6.
Shoe racks, Truck attachment for. F. H. Link. 1,473,912; Nov. 13.
Shoe-relasting machine. L. J. Van Guelpen. 1,478,151; Dec. 18.
Shoe-repair plant. H. N. Copp. 1,444,025; Feb. 6.
Shoe, Safety. J. F. Smith. 1,457,402; June 5.
Shoe-salesman's stool. S. L. Luton. 1,460,915; July 3.
Shoe shank, Adjustable metatarsal. R. L. Marteau and G. A. Schroeter. 1,477,146; Dec. 11.
Shoe-shine stand. P. Marqua. 1,465,450; Aug. 21.
Shoe-shine stand, Portable foldable. R. A. Nemanich. 1,478,906; Dec. 25.
Shoe-shining shops, Arrangement and equipment for. H. L. Markland. 1,472,079; Oct. 30.
Shoe-shining cabinet. H. Johnson. 1,465,987; Aug. 28.
Shoe-shining device. F. W. Dusche. 1,461,310; July 10.
Shoe-shining device. J. S. Reilly and F. R. Lynch. 1,477,594; Dec. 18.
Shoe sole. J. H. Stedman. 1,458,201; June 12.
Shoe soles, Shank stiffener for. A. T. Balch. 1,468,855–6; Sept. 25.
Shoe-soling tool. P. J. Dever. 1,475,287; Nov. 27.
Shoe-staying machine. A. H. De Voe. 1,478,602; Dec. 25.
Shoe, Steady-rest. A. Turner. 1,465,534; Aug. 21.
Shoe-stitching machines, Attachment for. T. F. McReynolds. 1,467,052; Sept. 4.
Shoe-stitching machines, Attachment for. E. H. Morrissey. 1,447,597; Mar. 6.
Shoe stock, Connection of pieces of. P. H. Fraher. 1,442,870; Jan. 23.
Shoe stock, Machine for operating on. G. Goddu and F. L. MacKenzie. 1,468,663; Sept. 25.
Shoe stretcher. J. Schwind. 1,457,283; May 29.
Shoe stretcher. W. A. Sprague. 1,453,608; May 1.
Shoe-stretching machine. J. P. Comer. 1,448,522; Mar. 13.
Shoe-string fastener. B. M. Kleim and S. Wald. 1,451,988; Apr. 17.
Shoe-string-holding cuff. E. H. and R. H. Binns. 1,453,036; Apr. 24.
Shoe strings or the like, Tool for attaching tips to. L. D. Davis. 1,473,471; Nov. 6.
Shoe, Swimming. V. Dahler. 1,447,928; Mar. 6.
Shoe, Swimming. O. F. Toebron. 1,452,400; Apr. 17.
Shoe-tongue clip. E. R. Gingrich. 1,472,519; Oct. 30.
Shoe tool. L. Bonelli. 1,451,288; Apr. 10.
Shoe tree. H. A. Ballard. 1,467,915; Sept. 11.
Shoe-tree. H. A. Ballard. 1,469,171; Sept. 25.
Shoe-tree. O. J. Howe. 1,465,270–1; Aug. 21.
Shoe tree. A. H. Keys. 1,449,286; Mar. 20.
Shoe-tree. J. C. Newlin. 1,469,238; Oct. 2.
Shoe-tree, Adjustable. J. S. Hansen. 1,460,963; July 3.
Shoe-trimming machine. A. Bates. 1,474,398; Nov. 20.
Shoe, Turn. M. L. Dodge. 1,453,924; May 1.
Shoe, Turned. F. L. Ellison. 1,469,256; Oct. 2.
Shoe-turning machine. E. Erickson. 1,474,349; Nov. 20.
Shoe-turning machine. E. I. La Chapelle. 1,453,799; May 1.
Shoe uppers, Device for inserting laces under. A. J. Smiley. 1,461,834; July 17.
Shoe uppers, Machine for marking. L. J. Bazzoni. 1,448,185; Mar. 13.
Shoe uppers, Seam presser for. E. D. Morris. 1,452,251; Apr. 17.
Shoe vamps, Substitute leather for. E. Weinheim. 1,441,318; Jan. 9.
Shoe, Ventilated waterproof. L. Lazzari. 1,455,535; May 15.
Shoe, Water. F. H. Mardus. 1,476,905; Dec. 11.
Shoes and apparatus for use therein, Manufacture of turn. M. L. Dodge. 1,453,925; May 1.
Shoes and the like, Metallic heel for. A. Kurtis. 1,453,253; Apr. 24.
Shoes, Apparatus for repairing. R. Wojan. 1,459,458; June 19.
Shoes, boots, etc., Making. H. C. Egerton. 1,457,826; June 5.
Shoes, Combined assembling and lasting. C. B. Logan. 1,443,421–3; Jan. 30.
Shoes, Counter stiffener for. C. D. Conion. 1,446,034; Feb. 20.
Shoes, Detachable trimming for low. A. R. Keenan. 1,471,035; Oct. 16.
Shoes, Device for use in shining. A. L. Aste. 1,471,816; Oct. 23.
Shoes, Forming box toes for. A. J. Ryan. 1,453,526; May 1.
Shoes, Hose-protector attachment for. C. M. Coleman 1,444,166; Feb. 6.
Shoes, Lasting. F. N. La Chapelle. 1,469,222; Oct. 2.
Shoes, Machine for operating on. E. E. Winkley. 1,473,660; Nov. 13.
Shoes, Machine for operating upon the soles of. L. A. Casgrain. 1,451,679; Apr. 17.
Shoes, Making. W. C. Stewart. 1,470,657; Oct. 16.
Shoes, Manufacture of molded-counterturned. H. L. Yeaton. 1,470,661; Oct. 16.
Shoes, Metallic heel for. B. Prebluda. 1,478,143; Dec. 18.
Shoes or boots, Device for securing the heels of. H. Ellensohn. 1,477,045; Dec. 11.
Shoes or similar articles of foot apparel, Manufacturing. C. H. Braselton. 1,444,826; Feb. 13.
Shoes or the like, Insole for. L. E. Clark. 1,456,843; May 29.
Shoes, Shank support for. W. H. Horne. 1,464,363; Aug. 7.
Shoes, Treating corresponding parts of pairs of. N. V. Dyer. 1,459,721; June 26.
Shoes, Wedge attachment for. G. Heitler. 1,477,825; Dec. 18.
1,477,578; Dec. 18.
Shooting, particularly game shooting, Apparatus or device for use when teaching or practicing. A. N. Tucker. 1,463,931; Aug. 7.
Shopping and traveling bag. F. P. Dwyer. 1,468,711; Sept. 25.
Shopping bag. J. A. Fluellen. 1,475,008; Nov. 20.
Shopping bag. J. Magill and J. R. Duerling. 1,448,693; Mar. 13.
Shopping bag. E. A. Youlen. Des. 63,127; Oct. 9.
Shore, Self-locking. A. A. Gronros. 1,460,375; July 3.
Shot-firing device. H. Neal. 1,457,262; May 29.
Shotgun, Double-barreled. G. O. Fisher. 1,475,262; Nov. 27.
Shotgun shell. E. M. Barrows. 1,457,337; June 5.
Shotguns, Choke for. E. L. Rhinehart. 1,455,661; May 15.
Shoulder strap. H. and F. Gerstein. 1,457,904; June 5.
Shovel: *See*—
Power shovel. Sheet-metal shovel.
Shovel. P. W. Ely. 1,447,298; Mar. 6.
Shovel. J. B. Sizemore. 1,449,702; Mar. 27.
Shovel. J. W. Svalgaard. 1,474,213; Nov. 13.
Shovel. G. H. and A. C. Sylvester. 1,474,568; Nov. 20.
Shovel. A. Weickman. 1,455,688; May 15.
Shovel and hoe, Combined. E. H. Cooney, H. C. Eklund, and S. T. Wiprud. 1,478,204; Dec. 18.
Shovel attachment, Steam-. T. S. Husher. 1,470,532; Oct. 9.
Shovel attachment. T. Newman. 1,456,879; May 29.
Shovel, Corn plow. M. R. Buikema. 1,443,835; Jan. 30.
Shovel handle. L. E. Webster. 1,476,783; Dec. 11.
Shovel handles, Reenforcement for. L. E. Webster. 1,473,267; Nov. 6.
Shovel, Mechanical. S. Hoar. 1,448,537; Mar. 13.
Shovel, Mechanical. S. Hoar. Re15,685; Sept. 18.
Shovel, Power. J. P. Dovel. 1,444,670; Feb. 6.
Shovel, Rope thrusting. W. Ferris. 1,443,353; Jan. 30.
Shovel, Rope-thrusting. W. Ferris and S. R. W. M. Bager. 1,457,301; June 5.
Shovel, Snow. F. E. Hooper. 1,445,952; Feb. 20.
Shovel, torch, and match holder, Combined. J. C. Bagley. 1,451,195; Apr. 10.
Shoveling machine. W. Cole and J. Goudie. 1,440,910; Jan. 2.
Shoveling machine. D. C. Corner. 1,441,216; Jan. 9.
Shovels and the like, Foot rest for. W. E. Owen. 1,445,548; Feb. 13.
Shovels and the like, Locking device for power. E. J. Armstrong. 1,451,803; Apr. 17.
Showcase. J. A. Corbett. 1,477,428; Dec. 11.
Show case. H. G. Michaelson. 1,471,908; Oct. 23.
Show case. H. E. Pauk. 1,469,050; Sept. 25.
Shredders and the like, Chip pocket for cutting. P. S. Mitts and W. J. Winston. 1,462,492; July 24.
Shredding machine. H. Trust and F. M. Ashley. 1,469,369; Oct. 2.
Shrine. H. J. Erkenswick. 1,450,148; Mar. 27.
Shrouded agitator. D. R. McKillican. 1,477,201; Dec. 11.
Shucking vegetable product. R. S. Blair. 1,445,742; Feb. 20.
Shunt connection. R. B. Taylor. 1,441,640; Jan. 9.
Shutter. R. Schneider. 1,445,177; Feb. 13.
Shutter-acutating mechanism. E. N. Berggren. 1,472,786; Nov. 6.
Shutter-controlling mechanism. W. H. Snyder and F. F. Farkas. 1,447,906; Mar. 6.
Shutter mechanism, Intermittent-. A. C. Roebuck. 1,455,094; May 15.
Shutter opening and securing mechanism. E. C. Conrade. 1,453,622; May 1.
Shutter, Window. C. Gugino. 1,440,677; Jan. 2.
Shutting or fastening contrivance. R. Weber. 1,451,518; Apr. 10.
Shuttle. V. Ledoux. 1,463,286; July 31.
Shuttle. B. J. Paskach. 1,443,238; Jan. 23.
Shuttle-balancing mechanism. E. C. Taylor. 1,462,586; July 24.
Shuttle-block pin. F. H. Stetson. 1,478,459; Dec. 25.
Shuttle bobbins. W. R. Berryman. 1,466,521; Aug. 28.
Shuttle eye. A. E. Ravenelle. 1,456,405; May 22.
Shuttle-operating mechanism. A. Auletta. 1,460,637; July 3.
Shuttle-pressure indicator. L. J. McCormack. 1,450,097; Mar. 27.
Shuttle, Self-threading. J. Northrop. 1,463,965; Aug. 7.
Shuttle, Self-threading. J. Northrop. 1,466,848–9; Sept. 4.
Shuttle spring. W. A. Bashaw. 1,466,418; Aug. 28.
Shuttle, Tatting. G. A. Carlson. 1,452,183; Apr. 17.
Shuttle, Tatting. I. L. Dunn. 1,443,814; Jan. 30.

Shuttle, Tatting. H. E. Kwapil. 1,473,790; Nov. 13.
Shuttle, Tatting. H. L. Richardson. 1,453,629; May 1.
Shuttle tension. W. Canova. 1,458,639; June 12.
Shuttle-throwing device. J. D. Watson. 1,472,260; Oct. 30.
Shuttle, Weaving. A. Klerx. 1,472,720; Oct. 30.
Shuttle winder. J. F. Mitchell. 1,464,212; Aug. 7.
Shuttles, Friction for. F. H. Stetson. 1,440,505; Jan. 2.
Shuttles, Machine for winding tatting. M. E. Fasig. 1,448,619; Mar. 13.
Sickle bar. L. Eskes. 1,468,594; Sept. 18.
Sickle hanger. C. Benson. 1,462,001; July 17.
Sickle holder. L. A. Norland. 1,475,858; Nov. 27.
Sideboard and china cabinet, Combination. F. W. Bockstege. Des. 62,934; Aug. 28.
Sidelamp. C. E. Godley. 1,463,162; July 31.
Siding mill. A. Schenk. 1,440,800; Jan. 2.
Sieve. E. J. Evans. 1,462,804; July 24.
Sieve. J. Y. Robertson. 1,444,275; Feb. 6.
Sieve and manufacturing same. W. H. Campbell. 1,448,725; Mar. 20.
Sieve, Oscillating. A. Jacquelin. 1,458,298; June 12.
Sifter. M. Hagen. 1,456,435; May 22.
Sifter. H. L. Mendal. 1,446,625; Feb. 27.
Sifter. L. M. Wobst. 1,446,235; Feb. 20.
Sifter, Ash. L. Aptowicz. 1,464,964; Aug. 14.
Sifter, Ash. P. Berman. 1,453,583; May 1.
Sifter, Ash. G. E. Erickson. 1,445,502; Feb. 13.
Sifter, Ash. O. Meyer. 1,465,858; Aug. 21.
Sifter, Ash. A. Samsel. 1,476,225; Dec. 4.
Sifter, Ash. M. O. Shriver. 1,469,113; Sept. 25.
Sifter, Ash. J. Storey. 1,478,266; Dec. 18.
Sifter, Ash. W. Yuskiewicz. 1,468,339; Sept. 18.
Sifter, Flour. W. Adelmann. 1,455,319; May 15.
Sifter, Flour. E. Becker. 1,440,861; Jan. 2.
Sifter, Flour. J. Brewer. 1,472,204; Oct. 30.
Sifter, Flour. A. Z. Bose. 1,468,454; Sept. 18.
Sifter, Flour. J. R. Haas. 1,465,983; Aug. 28.
Sifter, Flour. J. Ranz. 1,455,660; May 15.
Sifter, Flour. C. J. Repath. 1,453,604; May 1.
Sifter, Flour. S. B. Sarles. 1,471,361; Oct. 23.
Sifter, Flour. H. V. Wheeler. 1,461,567; July 10.
Sifter, Flour. A. S. Woolstencroft. 1,465,325; Aug. 21.
Sifter, Furnace-ash-pit screen. J. Jirasek. 1,460,547; July 3.
Sifter mechanism. A. I. S. Halvorsen. 1,440,538; Jan. 2.
Sifter or collector, Cinder. F. Taylor. 1,444,713; Feb. 6.
Sifter-top-receptacle closure. J. T. Wilcox. 1,445,736; Feb. 20.
Sifting device. M. Adam. 1,457,292; June 5.
Sifting grate. J. W. Hartmann. 1,453,870; May 1.
Sifting machine, Plan. H. Conrad. 1,452,290; Apr. 17.
Sifting mechanism. A. I. S. Halvorsen. 1,440,539; Jan. 2.
Sifting-testing machine. W. J. Bell. 1,450,166; Apr. 3.
Sighting device. H. C. Ford. 1,468,712; Sept. 25.
Sign. J. Banneyer. 1,476,943; Dec. 11.
Sign. R. J. Bernard. 1,448,823; Mar. 20.
Sign. J. C. Boyd. 1,458,516; June 12.
Sign. F. E. Brown. 1,455,474; May 15.
Sign. M. M. Feinberg. Des. 63,100; Oct. 2.
Sign. S. H. Furry. 1,456,230; May 22.
Sign. B. Holzmayer. 1,449,605; Mar. 27.
Sign. J. T. Jackson. 1,441,856; Jan. 9.
Sign. F. H. Loveless. 1,457,255; May 29.
Sign. F. S. Riggs. 1,452,760; Apr. 24.
Sign. J. M. Schilling. 1,469,396; Oct. 2.
Sign. W. G. Sesser. Des. 63,499; Dec. 11.
Sign. C. Simmons. 1,449,787; Mar. 27.
Sign. A. P. Trucksess. 1,458,160; June 12.
Sign. A. P. Trucksess. 1,462,156; July 17.
Sign. M. S. Wall. Des. 62,463; June 5.
Sign, Adjustable. R. T. Lewis. 1,476,898; Dec. 11.
Sign, Advertising. B. von Bültzingslöwen. 1,445,808–9; Feb. 20.
Sign, Advertising. B. von Bültzingslöwen. 1,445,861; Feb. 20.
Sign, Advertising. D. W. Coyle. 1,470,522; Oct. 9.
Sign, Advertising. H. C. Jarvis. Des. 63,183; Oct. 30.
Sign, Advertising. H. W. Mitchell and P. La Grassa. 1,474,682; Nov. 20.
Sign, Advertising. A. W. Pressler. Des. 62,364; May 15.
Sign, Advertising. J. L. Ray. 1,461,047; July 10.
Sign, Advertising. P. W. Shephard. 1,445,977; Feb. 20.
Sign, Advertising. H. A. Thuernau. Des. 62,251; Apr. 24.
Sign, Air-actuated motor. F. L. Johnson. 1,446,749; Feb. 27.
Sign and advertising device. T. Sapp. 1,442,005; Jan. 9.
Sign and its support. W. J. Wark. 1,460,520; July 3.
Sign and the like, Advertising. S. F. J. Riddell and E. Forster. 1,454,691; May 8.
Sign and the like, Luminous. E. Armstrong. 1,446,241; Feb. 20.
Sign and trash receptacle, Combined street. O. C. Harris. 1,473,040; Nov. 6.
Sign, Automatic illuminated changeable. A. B. Faulkner 1,444,339; Feb. 6.
Signboard. B. Durfee. 1,460,951; July 3.
Signboard. R. C. Luttrell. Des. 62,108; Mar. 20.
Signboard. J. J. Shotwell. 1,449,063; Mar. 20.
Signboard. F. G. White. 1,453,536; May 1.
Signboard. F. G. White. 1,466,776; Sept. 4.
Signboard. S. J. B. Whited. 1,444,488; Feb. 6.
Signboard with movable reflecting and translucent inscriptions, Advertising. V. Wisniewski. 1,451,520; Apr. 10.
Sign box. G. B. Hutchings. 1,460,674; July 3.
Sign box. A. Perry. 1,446,103; Feb. 20.
Sign, Changeable. R. C. Burton. 1,460,311; June 26.
Sign, Changeable. J. S. Diamond. 1,445,874; Feb. 20.
Sign, Changeable. W. F. Zacher. 1,447,918; Mar. 6.
Sign, Changeable-letter. L. E. Williams. 1,465,198; Aug. 14.
Sign device, Change-. R. A. Willison and C. N. Esberg. 1,463,108; July 24.
Sign device, Changeable-. H. W. Cairns. 1,454,622; May 8.
Sign device, Tail-light. G. T. Steuart. 1,467,738; Sept. 11.
Sign, Display. D. Ishbia. 1,453,679; May 1.
Sign, Display. F. J. Kristofek. 1,463,326; July 31.
Sign-displaying device. W. A. Garritt and J. H. Engebrigtson. 1,454,582; May 8.
Sign, Double-faced changeable-letter. J. G. Williams. 1,460,302; June 26.
Sign, Educational. C. A. Fairbanks. 1,460,954; July 3.
Sign, Electric. C. S. Fisher. Des. 63,289; Nov. 20.
Sign exhibit. Z. A. Gifford. 1,452,873; Apr. 24.
Sign-exhibiting apparatus. S. Williamson. 1,446,731; Feb. 27.
Sign flasher. J. H. Wheelock. Re15,613; May 22.
Sign-flashing apparatus, Electric-. E. L. Ballew. 1,452,178; Apr. 17.
Sign holder. W. B. Fink. 1,440,665; Jan. 2.
Sign holder. W. B. Fink. 1,462,790; July 24.
Sign holder. W. J. Fogarty. Des. 62,481; June 12.
Sign holder. W. H. Impol. 1,471,164; Oct. 16.
Sign, Illuminated. A. W. Kaucher. Des. 62,994; Sept. 4.
Sign, Illuminated. C. West. 1,475,977; Dec. 4.
Sign, Illuminated display. W. J. Michelsen. 1,462,351; July 17.
Sign, Interchangeable and adjustable. C. T. Berry. 1,455,103; May 15.
Sign letters, Forming interchangeable. W. L. Clark. 1,478,553; Dec. 25.
Sign letters, Interchangeable. W. M. Elliott and S. E. Cook. 1,459,765; June 26.
Sign, Miniature parking. F. J. Kristofek. 1,463,217; July 31.
Sign, Moving. P. L. and G. L. Odle. 1,457,669; June 5.
Sign or similar article. F. Turpin. Des. 63,381; Nov. 27.
Sign paint protector, Highway-. J. P. Remington. 1,460,351; June 26.
Sign, Permutation illuminated. L. A. Graham. 1,456,982; May 29.
Sign-plate support. A. D. Wyckoff. 1,445,925; Feb. 20.
Signpost. B. A. Belling. 1,466,465; Aug. 28.
Signpost. C. H. Wrightman. 1,443,247; Jan. 23.
Sign printing machine. J. C. Coffee. 1,445,490; Feb. 13.
Sign, Reversible. C. A. Fetters. 1,478,511; Dec. 25.
Sign, Road. M. Isaacs. Des. 63,260; Nov. 13.
Sign, Road. D. Warren. 1,463,276; July 31.
Sign support. C. D. Vest. 1,459,866; June 26.
Sign system. J. M. Carl. 1,447,377; Mar. 6.
Sign, Transparent. F. C. Roberts. 1,454,563; May 8.
Sign, Variable. R. L. Kilpatrick. 1,451,986; Apr. 17.
Sign, Wind-motor. W. L. Hudson. 1,446,044; Feb. 20.
Signs, Controller for electric. F. C. Reilly. 1,451,112; Apr. 10.
Signs, Controlling device for electric. C. A. Fairbanks. 1,460,953; July 3.
Signs, Fixture for advertising. T. P. Holliday. 1,448,299; Mar. 13.
Signal: *See*—

Auto signal.	Railway classification signal.
Auto theft signal.	Railway-crossing signal.
Auto direction signal.	Railway-track signal.
Automatic signal.	Rain signal.
Automobile signal.	Refrigerator-pan signal.
Automobile alarm signal.	Recording signal.
Automobile direction signal.	Reminder signal.
Automobile traffic signal.	Road signal.
Car signal.	Road-crossing signal.
Crossing signal.	Stop and turn signal
Direction signal.	Theft signal.
Directional signal.	Three-aspect signal.
Drip-pan signal.	Tire-deflation signal.
Dumb-waiter signal.	Traffic danger signal.
Gasoline signal.	Traffic signal.
Highway signal.	Usher's signal.
Highway-crossing signal.	Vehicle signal.
Irrigation signal.	Vehicle direction signal.
Light signal.	Vehicle traffic signal.
Motor-vehicle signal.	Vehicle turning signal.
Railway signal.	Water-level signal.
Railway audible signal.	Waving signal.

Signal. L. G. Bell and M. Grimm. 1,452,455; Apr. 17.
Signal. T. Benningfield. 1,464,058; Aug. 7.
Signal. C. W. Brown. 1,457,818; June 5.
Signal. J. Cook. 1,466,424; Aug. 28.
Signal. G. Daniels. 1,457,057; May 29.
Signal. C. L. Fitz. 1,459,586; June 19.
Signal. L. H. Gay. 1,447,542; Mar. 6.
Signal. F. B. Girvin and H. C. Gee. 1,453,623; May 1.
Signal. F. Guenther. 1,444,742; Feb. 6.

Signal. H. Hafer. 1,475,946; Dec. 4.
Signal. J. H. Hunt. 1,461,215; July 10.
Signal. S. O. Martin. Des. 63,477; Dec. 11.
Signal. G. F. Messer. 1,447,098; Feb. 27.
Signal. J. N. and G. D. Montgomery and H. A. Dixon. 1,458,840; June 12.
Signal. W. J. Peck and E. R. Chase. 1,463,439; July 31.
Signal. C. C. Presgraves and W. L. Golden. 1,441,525; Jan. 9.
Signal. J. D. Puterbaugh. 1,457,267; May 29.
Signal. W. A. Rogers. 1,475,513; Nov. 27.
Signal. J. A. Ruan. 1,451,053; Apr. 10.
Signal. T. I. and E. A. Temple. 1,468,763; Sept. 25.
Signal and license-display device, Combined. F. Bisch. 1,462,953; July 24.
Signal and rear light, Stop. S. J. Thomas. 1,474,739; Nov. 20.
Signal-arm-actuating device. A. C. Keppler. 1,470,013; Oct. 9.
Signal casing, Direction-. E. Soulé. Des. 63,091; Oct. 2.
Signal device. C. C. Ferguson. 1,469,636; Oct. 2.
Signal device. R. L. French. 1,464,814; Aug. 14.
Signal device. D. J. McCarthy. 1,451,166; Apr. 10.
Signal device. B. Weiss. 1,441,191; Jan. 2.
Signal device, Audible. J. L. Dinsmoor. 1,451,495; Apr. 10.
Signal device, Noninterfering. L. Degen. 1,462,085; July 17.
Signal device of the vibratory-diaphragm type, Audible. J. F. Monnot and E. T. Cook. 1,441,872; Jan. 9.
Signal-device-operating mechanism. G. E. King. 1,478,901; Dec. 25.
Signal flasher. G. V. Garlson. 1,447,136; Feb. 27.
Signal for crossings, Stop. W. B. Tabor. 1,477,296; Dec. 11.
Signal head. P. H. Schulz and C. Jessen. Des. 62,421; May 22.
Signal means. N. J. Hood. 1,460,324; June 26.
Signal post, Self-righting. J. Bernstein. 1,443,204; Jan. 23.
Signal-receiving system and method. R. E. Hall. 1,477,645; Dec. 18.
Signal recording and transcribing method and apparatus. M. R. Hutchison. 1,469,561; Oct. 2.
Signal, spotlight, and mirror, Combined. D. L Harris, G. L. Coffman, and H. W. Resnick. 1,458,703–4; June 12.
Signal switch, Electric. J. O. Cadieux. 1,473,591; Nov. 6.
Signal system and transmitter therefor. R. M. Hopkins. 1,452,972; Apr. 24.
Signal system, Chromatic light. D. J. McCarthy. 1,475,709; Nov. 27.
Signal systems, Switch protection for block-. S. N. Wight. 1,476,866; Dec. 11.
Signal transmitter, Electric. D. Desplats. 1,451,328; Apr. 10.
Signal-transmitting system. W. R. G. Baker. 1,475,164; Nov. 27.
Signals and the location of submarine objects, Production of submarine. C. Chilowsky and P. Langevin. 1,471,547; Oct. 23.
Signals, Circuit arrangement for use in the transmission of. W. Schaffer and F. Kruschinsky. 1,446,434; Feb. 20.
Signals, Coil cut-out for wigwag. M. S. Morse. 1,477,889; Dec. 18.
Signals, Method and means of receiving. R. H. Ranger. 1,449,911; Mar. 27.
Signals, System of electrically transmitting. H. E. Warren. 1,454,092; May 8.
Signaling. H. A. Affel. 1,477,528; Dec. 18.
Signaling. R. A. Heising. 1,465,358; Aug. 21.
Signaling. H. W. Nichols. 1,463,433; July 31.
Signaling and controlling apparatus, Electric. R. P. Brown. 1,443,165; Jan. 23.
Signaling apparatus. C. J. Campbell. 1,464,806; Aug. 14.
Signaling apparatus. J. W. Kennedy. 1,458,301; June 12.
Signaling apparatus. D. G. McCaa. 1,459,308; June 19.
Signaling apparatus. R. C. Pessell. 1,461,402; July 10.
Signaling apparatus. W. L. Walker. 1,461,056; July 10.
Signaling apparatus, Submarine. W. Hahnemann. 1,450,287; Apr. 3.
Signaling circuit. E. Dietze. 1,471,388; Oct. 23.
Signaling circuit. W. H. Martin. 1,471,404; Oct. 23.
Signaling circuits. J. F. Toomey. 1,467,458; Sept. 11.
Signaling circuits, Phantomed. M. K. Akers. 1,472,451; Oct. 30.
Signaling device. F. A. Goodhue. 1,445,210; Feb. 13.
Signaling device. F. M. Hill. 1,452,737; Apr. 24.
Signaling device. J. E. McFarland. 1,449,950; Mar. 27.
Signaling device. E. M. Rosenbluth. 1,451,345; Apr. 10.
Signaling device. H. Snyder. 1,475,035; Nov. 20.
Signaling device. F. B. Watkins. 1,470,406; Oct. 9.
Signaling device. J. W. Webb. 1,464,894; Aug. 14.
Signaling device, Traffic-. D. E. Hall. 1,472,976; Nov. 6.
Signaling, High-frequency. E. H. Colpitts. 1,452,957; Apr. 24.
Signaling, Means and method for. K. S. Johnson. 1,470,986; Oct. 16.
Signaling, Method of and means for secret. W. E. Beatty. 1,454,532; May 8.
Signaling, Method of and means for secret. W. E. Beatty. 1,464,086; Aug. 7.
Signaling mechanism. J. C. Sims. 1,453,195; Apr. 24.
Signaling, Multiplex. B. W. Kendall. 1,459,709; June 19.
Signaling, Receiving apparatus for high-frequency. S. Loewe. 1,464,083; Aug. 7.
Signaling, Secret. R. V. L. Hartley. 1,464,096; Aug. 7.
Signaling, Selective circuits for multiplex. B. P. Hamilton. 1,469,832; Oct. 9.
Signaling system. J. H. Bell. 1,461,204; July 10.
Signaling system. C. E. Beach. 1,467,301; Sept. 11.
Signaling system. O. B. Blackwell. 1,441,827; Jan. 9.
Signaling system. A. P. Davis. 1,468,660; Sept. 25.
Signaling system. L. Espenschied. 1,443,985; Feb. 6.
Signaling system. J. C. Field and C. J. McCarthy. 1,464,090; Aug. 7.
Signaling system. J. C. Field. 1,478,005; Dec. 18.
Signaling system. J. B. Harlow. 1,478,008; Dec. 18.
Signaling system. R. A. Heising. 1,448,216; Mar. 13.
Signaling system. E. D. Johnson. 1,455,958; May 22.
Signaling system. E. D. Johnson. 1,456,059; May 22.
Signaling system. K. S. Johnson. 1,470,985; Oct. 16.
Signaling system. C. W. Keckler and W. B. Strickler. 1,459,403; June 19.
Signaling system. B. W. Kendall. 1,445,141; Feb. 13.
Signaling system. P. B. Murphy. 1,472,987; Nov. 6.
Signaling system. G. A. Pierce. 1,475,594; Nov. 27.
Signaling system. H. J. Vennes. 1,464,519; Aug. 14.
Signaling system and operating the same. E. D. Johnson. 1,471,335; Oct. 23.
Signaling system and relay therefor. R. M. Hopkins. 1,444,685; Feb. 6.
Signaling system, Electric. L. H. Darrow. 1,460,368; July 3.
Signaling system, Electric. P. Kaminski. 1,470,368; Oct. 9.
Signaling system, Electric. W. C. Neahr. 1,442,288; Jan. 16.
Signaling system, High-frequency. W. R. G. Baker. 1,449,722; Mar. 27.
Signaling system, High-frequency. J. Bethenod. 1,473,921; Nov. 13.
Signaling system, High-frequency. C. A. Hoxie. 1,467,988; Sept. 11.
Signaling system, High-frequency. C. W. Rice. 1,477,899; Dec. 18.
Signaling system, Low-frequency alternating-current. L. Espenschied and J. F. Toomey. 1,465,299; Aug. 21.
Signaling system, Multiplex. E. H. Colpitts. 1,472,585; Oct. 30.
Signaling system, Secret. D. E. Branson. 1,470,594; Oct. 16.
Signaling system, Secret. W. J. Shackelton. 1,465,368; Aug. 21.
Signaling system, Two-way-. R. A. Heising. 1,464,097; Aug. 7.
Signaling systems, Oscillation generator for. J. F. Farrington. 1,452,032; Apr. 17.
Signaling systems, Testing circuits for carrier wave-. J. S. Jammer. 1,465,395; Aug. 21.
Silencer. H. A. Freeman. 1,452,035; Apr. 17.
Silencer, Exhaust. D. Farrand. 1,477,816; Dec. 18.
Silicate and preparing the same, Base-exchange. Y. K. Lee. 1,472,011; Oct. 23.
Silicate composition. L. Seideman. 1,452,445; Apr. 17.
Silicates, Regenerating beds of exchange. J. M. Maxwell. 1,450,985; Apr. 10.
Silicates with acids in order to obtain saline solutions free from silica, Treatment of. G. A. Blanc. 1,443,674; Jan. 30.
Silk and like products not liable to lose their resistance by contact with water, Manufacturing viscose, with a view to the manufacture of artificial. H. Delahaye. 1,470,711; Oct. 16.
Silk and making the same, Artificial. C. C. Meigs. 1,471,699; Oct. 23.
Silk and other products from nitrocellulose, Manufacturing artificial. E. Bindschedler and G. Juer. 1,441,203–5; Jan. 9.
Silk-coning machine, Automatic oil feeder for. M. Morrell. 1,449,342; Mar. 20.
Silk from acetyl cellulose, Manufacture of artificial. W. J. Stevenson. 1,478,926; Dec. 25.
Silk, Manufacture of artificial. E. Bronnert. 1,463,793; Aug. 7.
Silk, Manufacture of artificial. E. Bronnert. 1,464,805; Aug. 14.
Silk, Manufacture of viscose. E. Bronnert. 1,458,389; June 12.
Silk, Manufacture of viscose. E. Bronnert. 1,471,513; Oct. 23.
Silk piece goods and dyeing them, Washable dyed. J. Seyer. 1,446,860; Feb. 27.
Silk, Producing artificial. I. Kitsee. 1,457,977; June 5.
Silk spindle. E. A. Perkins. 1,474,491; Nov. 20.
Silk, Treating. G. W. Cole, jr. 1,446,834; Feb. 27.
Silk, Treatment of artificial. C. A. Snyder. 1,474,560; Nov. 20.
Silks, Weighting and dyeing. C. Von der Schmalz. 1,457,607; June 5.
Silkwinder attachment. H. E. Vickers. 1,443,398; Jan. 30.
Sill, Pressed-steel window. G. W. Brooks. 1,445,067; Feb. 13.

Silo. J. Mattson. 1,448,226; Mar. 13.
Silo. J. Mattson. 1,451,171; Apr. 10.
Silo and the like built of wooden staves. J. B. Matthews. 1,449,620; Mar. 27.
Silo, Brick. C. V. Sorensen and H. H. Pansch. 1,470,401; Oct. 9.
Silo cover, Removable. J. S. Neher. 1,451,082; Apr. 10.
Silo-door frame. C. M. B. Boos. 1,461,208; July 10.
Silo elevator. E. Scheunert. 1,470,292; Oct. 9.
Silo hoop. G. V. Gladville. 1,441,799; Jan. 9.
Silo ladder. F. M. Reinhart. 1,461,291; July 10.
Silo staging. L. A. Petersen. 1,447,818; Mar. 6.
Silo structure. F. J. Van Cott. 1,452,578; Apr. 24.
Silos, Blower for. E. G. Fippenger. 1,455,329; May 15.
Silos, Process and device for emptying beetroot. K. Fölsche. 1,459,621; June 19.
Silt trap. G. B. Trew. 1,466,773; Sept. 4.
Silver-plating metals, Composition of matter for. L. M. Sherow. 1,450,926; Apr. 10.
Single-acting engine. O. E. Jorgensen. 1,464,821; Aug. 14.
Singletree. C. H. Avery. 1,447,404; Mar. 6.
Singletree. J. W. Montgomery. 1,461,430; July 10.
Singletree construction. L. Jeannotte. 1,461,910; July 17.
Sink and drain board, Tiled. A. G. S. Peterson. 1,453,945; May 1.
Sink and washing device, Convertible. C. B. Foster. 1,461,979; July 17.
Sink bibb, Combined. O. P. Benjamin. Des. 62,864; Aug. 14.
Sink bracket. T. A. Henry. 1,446,302; Feb. 20.
Sink drainer. L. S. Grigg. 1,450,629; Apr. 3.
Sink pan. I. C. Abrams. 1,469,371; Oct. 2.
Sinks and the like, Strainer for. H. R. Stoll. 1,454,346; May 8.
Sinks, Drain board for. W. F. Muir. 1,462,178; July 17.
Sinks, Waste fitting for. O. W. Vallier. 1,451,931; Apr. 17.
Sinks, Waste fitting for. H. De Wallace. 1,451,943; Apr. 17.
Sinker. S. Mills. 1,453,987; May 1.
Sinter-machine drive mechanism. R. L. Lloyd. 1,469,521; Oct. 2.
Sintering. T. J. Davis. 1,444,955; Feb. 13.
Sintering and gas-treating apparatus, Seal joint for. B. G. Klugh. 1,468,206; Sept. 18.
Sintering apparatus. L. C. Edgar. 1,442,023; Jan. 9.
Sintering apparatus. W. G. Swart. 1,474,859; Nov. 20.
Sintering apparatus, Grate for. T. J. Davis. 1,446,965; Feb. 27.
Sintering machine. J. Knox. 1,441,003; Jan. 2.
Sintering machines, Cleaning device for ore-. R. L. Lloyd. 1,469,520; Oct. 2.
Siphon apparatus. D. M. Carr. 1,462,082; July 17.
Siphon apparatus. R. Weir. 1,442,314; Jan. 16.
Siphon booster. C. H. Case and W. C. Farrar. 1,472,428; Oct. 30.
Siphon starter. E. C. Taylor. 1,440,706; Jan. 2.
Siphoning device. F. M. Bonheim. 1,465,207; Aug. 14.
Siren, Ship. J. J. Krause. 1,459,220; June 19.
Sirup and preparing same, Food. C. F. Walton, jr., and H. S. Paine. 1,467,022; Sept. 4.
Sirup can. S. Brown. 1,457,614; June 5.
Sirup jar. C. L. Bastian. 1,461,960; July 17.
Sirup, Preparing. C. F. Walton, jr. 1,465,459; Aug. 21. 1,464,310; Aug. 7
Sirup, Preparing a sugar. H. C. Gore. 1,467,599; Sept. 11.
Size-reducible box. H. F. Marston. 1,451,622; Apr. 10.
Sizing and quenching. M. T. Lothrop. 1,444,259; Feb. 6.
Sizing composition. R. Kaiser. 1,448,847; Mar. 20.
Sizing compositions and preparing the same. P. W. Codwise. 1,449,892; Mar. 27.
Sizing solution and making same. J. A. De Cew.
Sizing tool. G. W. Benedict. 1,476,035; Dec. 4.
Skate. H. S. Eames. 1,444,673; Feb. 6.
Skate. S. De Orlow. 1,475,224; Nov. 27.
Skate and making the same. C. B. Drevitson. 1,459,050; June 19.
Skate roll, Roller-. A. L. Staples. 1,476,550; Dec. 4.
Skate roll, Roller-. A. L. Staples. 1,453,894; May 1.
Skate, Roller. T. Fedun. 1,466,824; Sept. 4.
Skate, Roller. C. A. Midon. 1,457,667; June 5.
Skate, Roller. R. Peterson. 1,444,703; Feb. 6.
Skate, Roller. W. F. Reach. 1,458,243; June 12.
Skate, Roller. F. B. Spross. 1,445,048; Feb. 13.
Skate-runner guard. C. A. Ritter. 1,447,431; Mar. 6.
Skate, Tube. W. F. Reach. 1,472,886; Nov. 6.
Skate, Water. J. T. Kelly. 1,443,133; Jan. 23.
Skate wheel, Roller-. E. Bowers. 1,471,236; Oct. 16.
Skates or the like, Heelplate for. A. L. Staples. 1,455,276; May 15.
Skates, Roller for. C. D. Snyder. 1,460,183; June 26.
Skein holder. M. O. Clauss. Re. 15,513; Jan. 2.
Skein, Wasteless. H. F. Hofer. 1,469,416; Oct. 2.
Skiving machines, Bearing-. G. H. Diehl, jr. 1,477,945; Dec. 18.
Sketch box, Artists'. G. F. Douglas. 1,454,709; May 8.
Sketching and surveying instrument, Automatic. H. E. C. Jefferson. 1,441,153; Jan. 2.
Skid-chain fastener. J. Oppman. 1,469,103; Sept. 25.
Skillet, Broiling. C. B. Hazlehurst. 1,467,272; Sept. 4.
Skimmers, Timing mechanism for boiler. F., W., and H. Eiserman. 1,463,577; July 31.
Skimming apparatus. A. F. Allen, A. F. McCoy, and R. O. Sternberger. 1,474,397; Nov. 20.
Skin or hide stretcher. E. F. Hayward. 1,464,762; Aug. 14.
Skins and hides, Table bolster for use in the treatment of. C. E. Albright. 1,443,721; Jan. 30.
Skins, etc., Apparatus for drying. E. B. Ayres. 1,464,348; Aug. 7.
Skins, hides, and leather, Machine for working. G. W. Richter. 1,462,180; July 17.
Skinning and coring tomatoes, Machine for. H. R. Harding. 1,448,532; Mar. 13.
Skip. H. Delporte. 1,465,512; Aug. 21.
Skirt bands and the like, Stiffener for. L. E. Fox. 1,474,190; Nov. 13.
Skirt hanger. R. H. Gibbs and B. W. Thiele. 1,467,848; Sept. 11.
Skirt marker. A. Funk. 1,467,786; Sept. 11.
Skirt marker. W. Miller. 1,470,538; Oct. 9.
Skiving machine. A. Berrer. 1,458,677; June 12.
Skiving machine. F. W. Christy. 1,469,892; Oct. 9.
Skiving machine. N. V. Dyer. 1,442,865; Jan. 23.
Skiving machine. A. Kunzel and G. Bräuer. 1,448,546; Mar. 13.
Skiving machine. E. J. Ray. 1,469,849; Oct .9.
Skiving machine. F. Ricks and A. E. Richards. 1,469,850; Oct. 9.
Skylight. J. D. Candler. 1,468,898; Sept. 25.
Skylight. P. M. Knudsen. 1,470,926; Oct. 16.
Skylight. H. E. Marks. 1,450,557; Apr. 3.
Skylight construction. J. Sylvan. 1,464,783; Aug. 14.
Skylight construction. J. Sylvan. 1,476,931; Dec. 11.
Skylights and the like, Glazing bar for. J. Sylvan. 1,475,416; Nov. 27.
Slab and floor. A. Orzali. 1,464,106; Aug. 7.
Slab and the like for constructional purposes. H. Schmidt. 1,443,385; Jan. 30.
Slab, Building. F. Pontello. 1,455,657; May 15.
Slack adjuster. R. E. Adreon and C. P. Cass. 1,469,571–2; Oct. 2.
Slack adjuster. C. C. Farmer. 1,446,168; Feb. 20.
Slack adjuster. W. H. Sauvage. 1,441,756; Jan. 9.
Slack adjuster. W. H. Sauvage. 1,453,857; May 1.
Slack adjuster. W. H. Sauvage. 1,474,090–3; Nov. 13.
Slag disposal, Apparatus for furnace. C. G. Hawley. 1,452,045; Apr. 17.
Slag pocket and removing slag. J. H. Gray. 1,445,679; Feb. 20.
Slasher. W. A. Black. 1,462,442; July 17.
Slashers, Renovating attachment for. L. L. Evans. 1,458,473; June 12.
Slaughterhouse construction. C. Pancero and J. Freund. 1,456,709; May 29.
Sled. L. Aptowicz. 1,475,529; Nov. 27.
Sled. C. S. Beebe. 1,450,424; Apr. 3.
Sled. N. A. Enstad. 1,444,114; Feb. 6.
Sled. E. Eronen. 1,444,175; Feb. 6.
Sled. S. S. Griffin. 1,459,528; June 19.
Sled. L. H. M. Luhrs and A. H. Passback. 1,447,094; Feb. 27.
Sled. J. Pottala. 1,453,948; May 1.
Sled. J. G. Regan. 1,475,877; Nov. 27.
Sled. A. Skupién. 1,455,032; May 15.
Sled. E. E. Sturk. 1,470,891; Oct. 16.
Sled. S. Zukowski. 1,453,232; Apr. 24.
Sled. S. Zukowski 1,472,711; Oct. 30.
Sled and coaster, Combined. R. C. McNeill. 1,477,513; Dec. 11.
Sled attachment. W. A. Guy. 1,449,993; Mar. 27.
Sled brake. J. E. Soderstrom. 1,464,372; Aug. 7.
Sled bumper. C. H. Oerman. 1,448,082; Mar. 13.
Sled, Foldable. J. H. Konigsberg and L. Klein. 1,440,784; Jan. 2.
Sled, Hand-propelled. S. Tirrith. 1,472,699; Oct. 30.
Sled knee. J. H. Anderson. 1,473,415; Nov. 6.
Sled, Motor-driven. L. R. Pietras. 1,450,332; Apr. 3.
Sled, Occupant-propelled. A. E. Mueller. 1,457,591; June 5.
Sled, Occupant-steered. M. Marciniak. 1,453,153; Apr. 24.
Sled propeller, Hand-. N. Scripa. 1,449,916; Mar. 27.
Sled, Push. M. O. Carlson. 1,458,392; June 12.
Sled runner, Auxiliary. J. D. Shaffer. 1,443,655; Jan. 30.
Sled unit, Motor-. F. Zimmer. 1,441,620; Jan. 9.
Sleds, Attachment for hand. P. R. Peterson. 1,456,335; May 22.
Sleeper or the like, Cementitious. G. Atterbury. 1,465,539; Aug. 21.
Sleeve holder. P. G. Phillips. 1,445,798; Feb. 20.
Sleeve puller. E. B. Cantrell and G. E. Miller. 1,473,811; Nov. 13.
Sleigh attachment, Automobile. L. S. Feden. 1,449,036; Mar. 20.
Sleigh bolster, Extension. D. C. P. Shelby. 1,478,537; Dec. 25.
Sleigh construction. J. Halsall. 1,442,611; Jan. 16.
Sleigh, Motor. W. A. Horrocks. 1,451,733; Apr. 17.
Sleigh, Motor. A. A. Knowles. 1,463,395; July 31.
Sleigh, Motor. J. Krysiak. 1,463,042; July 24.
Sleigh, Motor. E. E. Lesher. 1,470,087; Oct. 9.

Alphabetical list of inventions—Continued.

Sleigh, Motor. G. R. Smith. 1,441,538; Jan. 9.
Sleigh, Occupant-propelled. E. E. Sturk. 1,445,110; Feb. 13.
Sleigh, Power-driven. C. H. Colburn. 1,473,281; Nov. 6.
Sleigh runner. A. A. Knowles. 1,464,204; Aug. 7.
Slicer. L. F. Maus. 1,462,717; July 24.
Slicer, Apple. R. Buchi. 1,466,114; Aug. 28.
Slicer, Bread. G. F. Dubuque. 1,442,762; Jan. 16.
Slicer, Bread. G. F. Du Buque. 1,474,767; Nov. 20.
Slicer, Bread. U. A. Morin. 1,446,391; Feb. 20.
Slicer, cutter, and nutcracker, Vegetable. P. Perhåts. 1,462,148; July 17.
Slicer, Potato. J. Ehrhard. 1,442,715; Jan. 16.
Slicer, Vegetable. J. M. Blanco. 1,452,724; Apr. 24.
Slicer, Vegetable. M. E. Platts and A. F. Nebhut. 1,468,210; Sept. 18.
Slicer, Vegetable. J. Trubisky. 1,466,105; Aug. 28.
Slicers, Stop plate for. J. A. Chow. 1,440,374; Jan. 2.
Slicing device, Article-. O. N. Hoffman. 1,472,219; Oct. 30.
Slicing machine W. J. Campbell. 1,470,614; Oct. 16.
Slicing machine. W. H. Donald. 1,473,145; Nov. 6.
Slicing machine. E. K. Hood. 1,467,791; Sept. 11.
Slicing machine. S. T. Hoyt. 1,472,838; Nov. 6.
Slicing machine. G. Lyeso. 1,452,564; Apr. 24.
Slicing machine. A. R. Luschka and H. Stukart. 1,445,521; Feb. 13.
Slicing machine. J. C. Prims. 1,442,630; Jan. 16.
Slicing machine. O. Schlichter. 1,440,631–2; Jan. 2.
Slicing machine. H. Tasaka. 1,445,051; Feb. 13.
Slicing machine. S. Wile. 1,444,859–60; Feb. 13.
Slicing machine. S. Wile. 1,464,053; Aug. 7.
Slicing machine. S. Wile. 1,465,702–3; Aug. 21.
Slicing machine. W. B. Wolff. 1,473,658–9; Nov. 13.
Slicing machine, Culinary. M. Kirnbauer. 1,442,222; Jan. 16.
Slicing machine, Ice-cream-. A. W. Larson. 1,440,686; Jan. 2.
Slicing machine, Meat-. G. Jaquette. 1,451,776; Apr. 17.
Slicing machine, Meat-. F. and N. L. Adam. 1,455,699; May 15.
Slicing machine, Rotary. M. Kirnbauer. 1,442,889; Jan. 23.
Slicing machines, Article holder for. E. A. Hand and F. A. Wygant. 1,468,705; Sept. 25.
Slicing machines, Sharpener for. R. W. Bachman. 1,461,105; July 10.
Slicing machines, Slice collector for. J. Folk. 1,477,254; Dec. 11.
Slicing machines, Slice conveyer for. H. Stukart. 1,469,055; Sept. 25.
Slicing machines, Work holder for. E. M. Stiles. 1,443,442; Jan. 30.
Slide-actuating mechanism. E. J. Kearney. 1,450,598; Apr. 3.
Slide attachment cut-off. H. E. Stalter. 1,461,464; July 10.
Slide carrier. J. E. Cloutier. 1,445,757; Feb. 20.
Slide-operating mechanism. G. R. Pennington and S. K. Wellman. 1,459,185; June 19.
Slide-valve internal-combustion engine. E. A. Ford. 1,476,359; Dec. 4.
Sliding pad. C. Wares. 1,478,626; Dec. 25.
Sling. C. Crozier. 1,470,815; Oct. 16.
Sling hook. G. A. Mickelson. 1,441,737; Jan. 9.
Slip and elevator, Toothless. J. E. Lebus. 1,477,709; Dec. 18.
Slipper. G. W. Baker, jr. Des. 61,758; Jan. 9.
Slipper. M. Hirshfield. 62,777–80; July 31.
Slipper. S. Roberts. Des. 61,986; Feb. 20.
Slipper, Ladies' felt. H. Weisinger. Des. 62,874; Aug. 14.
Slit notch. W. E. Taylor. 1,447,738; Mar. 6.
Slitters, Blank feed for. C. M. Symonds. 1,459,758; June 26.
Slitting and rewinding machine. J. A. Cameron and G. B. Birch. 1,465,964; Aug. 28.
Slitting and rewinding machine. J. A. Cameron and G. B. Birch. 1,465,967; Aug. 28.
Slitting device. J. A. Cameron and G. B. Birch. 1,465,965; Aug. 28.
Slitting means. J. A. Cameron and G. B. Birch. 1,440,908; Jan. 2.
Slitting means. J. A. Cameron and G. B. Birch. 1,461,266; July 10.
Slitting means. J. A. Cameron and G. B. Birch. 1,465,966; Aug. 28.
Slivers and the like, Apparatus for drawing and twisting. T. Zachariadis. 1,474,131; Nov. 13.
Slivers or rovings, Drawing mechanism for. A. C. Butler. 1,444,658; Feb. 6.
Slop jars and the like, Attachment for. C. W. and A. H. Weaver. 1,456,017; May 22.
Slot cover, Automatically-operated. S. W. Huff. 1,450,727; Apr. 3.
Slotting machine. A. O. Garrett, C. E. Funnell, and W. L. Hoffman. 1,470,721; Oct. 16.
Slotting tool. S. H. Norton. 1,465,282; Aug. 21.
Slub catcher. J. O. McKean. 1,468,487–8; Sept. 18.
Sludge acids and separated sludge acids, Treating. I. Hechenbleikner and F. J. Bartholomew. 1,457,030; May 29.
Sludge digesting tanks, Letting off sludge from. K. Imhoff and H. Blunk. 1,443,439; Feb. 13.
Sludge-discharge apparatus for boiler-washout systems, Automatic. F. W. Miller. 1,478,132; Dec. 18.
Sludge, Method and apparatus for treating. W. R. Mathis. 1,441,731; Jan. 9.
Sludge separating and drying basin, Combined. K. Imhoff. 1,456,312; May 22.
Sludge, System for treating activated. W. J. Sando. 1,465,001; Aug. 14.
Sludge, Treating acid. O. Bezanson. 1,459,084; June 19.
Slug-casting machine. E. C. Dittman. 1,448,359; Mar. 13.
Sluice box. F. S. Morgan. 1,476,169; Dec. 4.
Slush remover. G. D. Hunter. 1,444,921; Feb. 13.
Smallarms, Gunlock device of. J. Declaye. 1,442,864; Jan. 23.
Smelting and electrolytic process. R. Rodrian. 1,447,892; Mar. 6.
Smelting and furnace for same, Electric. J. C. Dow. 1,473,784; Nov. 13.
Smelting furnace. A. N. Jette. 1,454,025; May 1.
Smelting furnace, Reverberatory. A. N. Jette. 1,454,024; May 1.
Smelting furnace, Zinc-. B. Ræder. 1,452,934; Apr. 24.
Smelting furnaces, Preliminary preparation of furnace charges for ore-. B. G. Klugh. 1,467,797; Sept. 11.
Smoke, Apparatus for producing. J. N. Alsop. 1,447,401; Mar. 6.
Smoke consumer. F. P. Fischer. 1,460,956; July 3.
Smoke consumer. F. P. Fischer. 1,462,273; July 17.
Smoke consumer. J. N. Tomes. 1,466,073; Aug. 28.
Smoke-consuming device. R. G. Makinson. 1,466,181; Aug. 28.
Smoke-consuming furnace. A. C. Mott, jr. 1,447,806; Mar. 6.
Smoke, Mixture and method for producing. J. H. Hammond, jr., and H. L. F. Buswell. 1,444,312; Feb. 6.
Smoke prevention, Method of and apparatus for. H. M. Nobis. 1,463,629; July 31.
Smoke producer. P. B. Fouke. 1,443,464; Jan. 30.
Smoke producer. J. H. Hammond, jr. 1,458,181; June 12.
Smoke-producing compositions, Production and utilization of. O. D. Lucas and F. G. L. Johnson. 1,448,073; Mar. 13.
Smoke-producing device. O. C. Trout and W. T. Martin. 1,444,647; Feb. 6.
Smoke screens, Material for producing. H. F. French and R. C. Benner. 1,461,646; July 10.
Smokehouse. C. H. Evers. 1,441,839; Jan. 9.
Smokejack. B. S. Snow. 1,478,263; Dec. 18.
Smokeless heater. C. H. Rutherford and C. Townsend. 1,465,687; Aug. 21.
Smokestack cover. R. J. O'Neill. 1,453,477; May 1.
Smokestick. J. Henke. 1,471,127; Oct. 16.
Smoker. C. F. Bremer. 1,477,993; Dec. 18.
Smoker stand. F. E. Hadermann. Des. 62,287; May 1.
Smoker's accessory. T. C. Erskine. 1,457,154; May 29.
Smoker's appliance. G. S. Eardley. 1,458,038; June 5.
Smoker's article. R. E. Raney. 1,473,937; Nov. 13.
Smokers' articles, Device for storing and displaying. R. Peyer. 1,452,700; Apr. 24.
Smoker's set. W. Hanley. 1,477,172; Dec. 11.
Smoker's set, Combination. B. M. Bernard. 1,472,149; Oct. 30.
Smoker's stand. J. Muller. Des. 63,429; Dec. 4.
Smoking device. W. H. Rose. 1,464,540; Aug. 14.
Smoking mixture. F. J. Bosse. 1,462,480; July 24.
Smoking pipe. A. G. Blomster. 1,468,795; Sept. 25.
Smoking pipe. A. G. Blomster. 1,477,029; Dec. 11.
Smoking pipe. N. Friedman. 1,443,531; Jan. 30.
Smoking pipe. J. B. Frost. 1,462,905; July 24.
Smoking pipe. R. C. Gibbons and T. K. Felch. 1,458,479; June 12.
Smoking pipe. D. L. Hill. 1,464,361; Aug. 7.
Smoking pipe C. H. Lyon. 1,468,306; Sept. 18.
Smoking pipe. R. E. Perkins. 1,469,685; Oct. 2.
Smoking pipe. W. J. Rogers. 1,463,843; Aug. 7.
Smoothing sheet. S. E. Eskew and L. Harris. 1,466,391; Aug. 28.
Smudging apparatus. J. E. Barbour. 1,449,490; Mar. 27.
Smudging and frost-preventing composition. H. Coffman. 1,466,331; Aug. 28.
Snap and buckle. L. P. Babeuf. 1,475,420; Nov. 27.
Snap fastener. E. A. Bail. 1,449,080; Mar. 20.
Snap fastener. E. W. Ballentine. 1,443,611; Jan. 30.
Snap fastener. J. J. Brell. 1,450,938; Apr. 10.
Snap fastener. L. B. Harpe. 1,454,890; May 15.
Snap fastener. M. F. Kiessling. 1,470,267; Oct. 9.
Snap fastener. C. Read. 1,443,146; Jan. 23.
Snap fastener. E. F. Stenman. 1,447,440; Mar. 6.
Snap-fastener device. H. B. Smith. 1,442,009; Jan. 9.
Snap-fastener socket. J. H. Styles. 1,449,706; Mar. 27.
Snap fastening. B. Cooper. 1,466,990; Sept. 4.
Snap gauge. C. Gabrielson. 1,469,953; Oct. 9.
Snap hook. S. F. Bashara. 1,468,131; Sept. 18.
Snap hook, Safety. H. Billmeyer. 1,456,264; May 22.
Snap switch. H. G. Baxter. 1,466,266; Aug. 28.
Snap switch. V. Bunyevácz. 1,444,581; Feb. 6.
Snap switch. C. R. Dumble. 1,466,820; Sept. 4.
Snap switch. H. E. Leppert. 1,443,323; Jan. 23.
Snap switch. D. N. Thompson. 1,449,634; Mar. 27.
Snare drum. W. H. Baldwin and C. T. Plummer. 1,446,327; Feb. 20.

Snow and ice, Machine to melt. H. L. Fuller, W. F. Nesbit, and P. O. Petterson. 1,453,552; May 1.
Snow, Apparatus for disposing of. J. F. Reilly. 1,457,797; June 5.
Snow, Apparatus for the removal of. M. Schiesari. 1,478,678; Dec. 25.
Snow guard. A. W. Campbell. 1,475,931; Dec. 4.
Snow guard and fender. H. N. Sieger. 1,463,065; July 24.
Snow-melting apparatus. H. E. Olsen. 1,451,027; Apr. 10.
Snow, Method of and apparatus for removing. M. Schiesari. 1,468,977; Sept. 25.
Snowplow. G. S. Brecht. 1,462,901; July 24.
Snowplow. L. Johnson. 1,466,046; Aug. 28.
Snowplow. E. Levy. 1,448,667; Mar. 13.
Snowplow. W. D. Polk. 1,460,440; July 3.
Snowplow. G. J. Puth. 1,466,187; Aug. 28.
Snowplow. O. H. Starkweather. 1,453,811; May 1.
Snowplow. J. L. Stebbins. 1,445,183; Feb. 13.
Snowplow for automobiles. H. C. Ward. 1,446,363; Feb. 20.
Snowplow, Power. H. Miscampbell. 1,443,032; Jan. 23.
Snow-removal system. W. F. Guerin. 1,447,948; Mar. 6.
Snow remover. M. J. Tully. 1,462,527; July 24.
Snow-removing apparatus. P. Dunwald. 1,466,614; Aug. 28.
Snow-removing device. M. Beltrami. 1,449,259; Mar. 20.
Snubber. W. M. Boenning. 1,446,958; Feb. 27.
Snubber. E. G. De Loe. 1,463,876; Aug. 7.
Snubber. G. W. Langford. 1,471,560; Oct. 23.
Snubber. J. D. Show. 1,470,493; Oct. 9.
Soap. F. C. Atkinson. 1,455,015; May 15.
Soap. P. L. E. Pech. 1,462,243; July 17.
Soap and manufacturing the same, Finely-divided. J. C. Ingram. 1,472,473; Oct. 30.
Soap and toothbrush holder, Combination. S. D. Baker. Des. 63,549; Dec. 18.
Soap box, Sanitary. E. J. Kendall. 1,458,982; June 19.
Soap, Cake of. H. L. Walbridge. 1,441,315; Jan. 9.
Soap cakes, Apparatus for applying paraffin to. G. A. Dostal. 1,457,217; May 29.
Soap cutter. C. Wasser and R. W. Wirshing. 1,447,608; Mar. 6.
Soap dish. W. N. Osburn. 1,468,917; Sept. 25.
Soap dispenser. K. A. Dolge. 1,465,161; Aug. 14.
Soap dispenser. L. S. Rosenberger. 1,467,951; Sept. 11.
Soap dispenser, Liquid-. P. H. Stapley. 1,472,695; Oct. 30.
Soap-dispensing device. J. L. Gaebel. 1,464,985; Aug. 14.
Soap-dispensing device. A. W. McCord. 1,471,621; Oct. 23.
Soap dissolver and agitator. A. Celler. 1,460,704; July 3.
Soap flaker and distributer. W. C. Bellows. 1,444,773; Feb. 13.
Soap from carbonate-of-lime sludge, Recovering the residual. P. Krebitz. 1,459,773; June 26.
Soap holder. M. B. Loeb. 1,457,254; May 29.
Soap into bars, Apparatus for cutting. J. A. Schwantes. 1,454,769; May 8.
Soap machine. J. A. Schwantes. 1,476,772; Dec. 11.
Soap, Manufacture of. J. Tseng. 1,475,663; Nov. 27.
Soap manufacturing. J. W. Bodman. 1,473,396; Nov. 6.
Soap or composition, Antiseptic and insecticidal. R. Macpherson and W. E. Heys. 1,451,670; Apr. 10.
Soap or other plastic material, Machine for cutting. L. H. Simpson. 1,469,852; Oct. 9.
Soap powder, Making. J. C. Ingram. 1,472,472; Oct. 30.
Soap, Reenforced. M. Bailly. 1,478,882; Dec. 25.
Soap shaker. H. B. Douglas. 1,473,783; Nov. 13.
Soap sticks, Holder for shaving-. F. Grant. 1,473,760; Nov. 13.
Soap-stock holder, Shaving-. F. Grant. 1,476,965; Dec. 11.
Soap tray, Sanitary. J. G. Andrews. 1,459,043; June 19.
Society membership pin. P. Kuzmjak. Des. 62,060; Mar. 13.
Sock. F. D. Rickert. Des. 62,264; Apr. 24.
Sock or stocking protector. F. Paladino. 1,469,010; Sept. 25.
Socket. C. B. Holliday. 1,453,138; Apr. 24.
Socket and producing same, Hardened threaded. S. Peacock. 1,473,251; Nov. 6.
Socket and shell cap fastening. V. R. Despard. 1,469,037; Sept. 25.
Socket, Collapsible. C. H. Brown. 1,472,714; Oct. 30.
Socket cover. M. Berman. 1,464,402; Aug. 7.
Socket, Reversible handle. D. G. Hadsell. 1,450,438; Apr. 3.
Socket wrench. L. J. Bowman. 1,448,428; Mar. 13.
Socket wrench. G. Broxton. 1,456,358; May 22.
Socket wrench. A. A. Crimp. 1,471,451; Oct. 23.
Socket wrench. J. O. Gadberry. 1,478,736; Dec. 25.
Socket wrench. F. L. Haggardt. 1,464,132; Aug. 7.
Socket wrench. J. Johnson. 1,443,413; Jan. 30.
Socket wrench. G. O. Leopold. 1,469,662; Oct. 2.
Socket wrench. C. G. Palmer. 1,469,589; Oct. 2.
Socket wrench. J. Sayer. 1,458,956; June 19.
Socket wrench. R. H. Smith. 1,442,184; Jan. 16.
Socket wrench, Adjustable. I. C. Gellman. 1,451,873; Apr. 17.
Socket wrench, Adjustable. J. C. Sibiski. 1,451,591; Apr. 10.
Socket wrench, Convertible. R. A. Osburn. 1,446,988; Feb. 27.
Socket-wrench handle. G. O. Leopold. 1,473,436; Nov. 6.
Socket-wrench head. S. K. Brown. 1,442,123; Jan. 16.
Sockets, Pull attachment for electric switch key. J. M. Upton. 1,458,864; June 12.
Soda fountain. S. H. Knight. 1,457,067; May 29.
Soda fountain. H. F. Walter and G. R. McNeely. 1,440,425; Jan. 2.
Soda fountain and ice-cream cabinet. W. S. Nicolson. 1,465,021; Aug. 14.
Soda fountains, Dispensing apparatus for. W. and P. Pappas. 1,465,680; Aug. 21.
Soda fountains, Refrigerating apparatus and method for. G. Hilger. 1,467,246; Sept. 4.
Sodium compounds, Forming. C. Sundstrom and G. N. Terziev. 1,473,259; Nov. 6.
Sodium compounds of dioxydiaminoarsenobenzene, Making. U. Suzuki. 1,440,848–50; Jan. 2.
Sodium decaborate from boron ores, Process for the production of. A. A. Kelly. 1,462,064; July 17.
Sodium decaborate or the like direct from boron ores, Preparation of. A. A. Kelly. 1,468,366; Sept. 18.
Sodium dekaborate from boronatrocalcite, Obtaining. W. Voss. 1,444,989; Feb. 13.
Sodium fluoride, Making. H. Howard. 1,464,991; Aug. 14.
Sodium fluoride, Manufacture of. H. Howard. 1,464,990; Aug. 14.
Sodium phosphate, Manufacture of. W. Glaeser. 1,447,544; Mar. 6.
Sodium-silico fluoride, Making. H. Howard. 1,456,594; May 29.
Sodium sulphide, Making. F. G. Stantial and J. H. Clarke. 1,447,524; Mar. 6.
Soil, Apparatus for treating. W. E. Crane. 1,457,210; May 29.
Soil, Apparatus for treating the. T. Kernan. 1,444,794; Feb. 13.
Soil-coring tool. C. C. Hansen. 1,456,983; May 29.
Soil, Device for sinking holes in the. A. Bron. 1,445,289; Feb. 13.
Soil, Machine for pulverizing and cleaning. C. D. Lennon. 1,454,548; May 8.
Solar heater. F. E. Danner. 1,473,018; Nov. 6.
Solder, Gold. W. and H. W. Sheff. 1,469,191; Sept. 25.
Solder, Homogeneous aluminum. O. Rebello. 1,466,061; Aug. 28.
Solder pot, Electrically-heated. J. D. Haynsworth. 1,472,170; Oct. 30.
Solder-wiping machine. R. L. Drake. 1,440,866; Jan. 2.
Soldered tube, Manufacturing. H. W. Bundy. 1,475,258; Nov. 27.
Soldering and depositing metals, Electrode and welding and like rods used in. E. H. Jones. 1,441,688; Jan. 9.
Soldering block. S. E. Randall. 1,450,452; Apr. 3.
Soldering, Electric-arc. E. H. Jones. 1,441,685; Jan. 9.
Soldering, Electric-arc. E. H. Jones. 1,441,687; Jan. 9.
Soldering flux. A. L. Brown. 1,444,946; Feb. 13.
Soldering flux. E. M. Hearne. 1,453,586; May 1.
Soldering flux. H. A. Pallady. 1,453,080; Apr. 24.
Soldering iron. A. E. Butkovich. 1,478,868; Dec. 25.
Soldering iron. E. S. Gillespie. 1,441,676; Jan. 9.
Soldering iron. F. L. Kyger. 1,451,578; Apr. 10.
Soldering iron. A. M. MacFarland. 1,472,183; Oct. 30.
Soldering iron. E. Millner. 1,451,623; Apr. 10.
Soldering iron. P. L. Sandor. 1,441,537; Jan. 9.
Soldering iron, Electric. F. W. Borton. 1,456,760; May 29.
Soldering iron, Electric. J. F. Coeuille. 1,470,912; Oct. 16.
Soldering iron, Electric. E. Young. 1,478,319; Dec. 18.
Soldering iron, Gas. C. M. Carnelli. 1,464,497; Aug. 14.
Soldering iron, Gas-heated. V. B. Pike. 1,472,087; Oct. 30.
Soldering iron, Self-heating. W. V. Callender. 1,476,948; Dec. 11.
Soldering irons, Reheating device for. J. E. Malivert. 1,472,729; Oct. 30.
Soldering machine. H. O. Boehme. 1,478,696; Dec. 25.
Soldering machine. W. J. Cullen and W. L. Rutkowski. 1,457,504; June 5.
Soldering machine. G. A. Leighton. 1,457,441; June 5.
Soldering machine. C. Stecher. 1,451,032; Apr. 10.
Soldering machine, Can-. A. R. Whittall. 1,448,099; Mar. 13.
Soldering machines. Horn support for can-body-. M. L. Dodge. 1,448,917; Mar. 20.
Soldering tool. T. Cunningham. 1,446,964; Feb. 27.
Soldering tool. G. Harper. 1,464,933; Aug. 14.
Soldering tool, Fountain. A. Dellman. 1,457,508; June 5.
Sole and heel, Detachable shoe. G. Lilienfeldt. 1,463,514; July 31.
Sole-channeling machine. F. E. Bertrand. 1,454,880; May 15.
Sole-cutting machine. E. J. Ray. 1,456,038; May 22.

Sole-cutting machines, Sole-assorting mechanism for block-. G. H. Wood and F. L. Capen. 1,443,159; Jan. 23.
Sole-edge-finishing machine. J. H. Rigby. 1,447,225; Mar. 6.
Sole-laying machine. E. E. Winkley. 1,455,952; May 22.
Sole or tap. D. Freeman. Des. 62,716; July 24.
Sole-pressing machine. C. D. Knowlton. 1,472,846; Nov. 6.
Sole-pressing machine. G. F. Stewart. 1,464,888; Aug. 14.
Sole tip. E. J. Brisben. 1,458,218; June 12.
Soles and uppers of shoes by gluing, Press for uniting. O. Habicht. 1,445,942; Feb. 20.
Soles, Last for use in forming and leveling. J. C. Boyd. 1,465,338; Aug. 21.
Soles, Machine for marking. J. C. Hardie. 1,474,360; Nov. 20.
Soles, Manufacturing. J. H. Rigby. 1,454,907; May 15.
Solenoid. W. J. O'Leary. 1,460,390; July 3.
Solid material, Separating granular. M. Hokanson. 1,449,603; Mar 27.
Solid materials of different specific gravities, Apparatus for separating. M. Hokanson. 1,449,604; Mar. 27.
Solid particles from liquids, Removal of. C. L. Peck. 1,449,622; Mar. 27.
Solid particles mixed with liquids, Apparatus for the dewatering, classification, and countercurrent washing of. N. C. Christensen. 1,453,749; May 1.
Solid substances, Method of and means for testing the quality and condition of. R. M. Gaston. 1,441,626; Jan. 9.
Solid with a gas, Combining a. O. Nydegger. 1,440,620; Jan. 2.
Solidifying materials, Method of and apparatus for. E. Cowles. 1,445,004; Feb. 13.
Solids, Apparatus for dissolving. E. A. Taylor. 1,467,342; Sept. 11.
Solids by crystallization from solvents, Separating. H. V. A. Briscoe. 1,443,616; Jan. 30.
Solids from liquids, Apparatus for separating. A. J. White. 1,457,803; June 5.
Solids from liquids, Machine for centrifugally separating. G. Johnston. 1,467,855; Sept. 11.
Solids from liquids, Separating. H. C. Miller. 1,458,234; June 12.
Solution of substances and removing coatings from bodies. Effecting. V. Lenher. 1,445,329; Feb. 13.
Solution of substances and removing coatings from bodies, Effecting. V. Lenher. 1,473,350; Nov. 6.
Solutions and evaporating fluids, Concentrating. E. Monti. 1,466,670; Sept. 4.
Solutions to obtain solid constituents thereof separated in a coarse condition, Treating. I. Isaachsen. 1,478,337; Dec. 18.
Solvent, Apparatus for recovering. A. S. O'Neil. 1,443,547; Jan. 30.
Solvent composition. H. F. Willkie. 1,449,156; Mar. 20.
Soot blower. J. Anderson. 1,464,798; Aug. 14.
Soot blower. D. J. Dorsey. 1,473,757; Nov. 13.
Soot blower, Automatically-controlled. H. J. Gebhardt. 1,476,809; Dec. 11.
Sorters. Manufacture of plates for. R. Herrmann. 1,447,617; Mar. 6.
Sorting and delivering articles, Mechanism for. A. Bates. 1,473,604; Nov. 13.
Sorting apparatus. W. A. Contant. 1,468,804; Sept. 25.
Sorting apparatus, Wet. A. France. 1,441,571; Jan. 9.
Sorting machine. H. M. Gleason. 1,456,546; May 29.
Sorting machine. W. W. Lasker. 1,476,161; Dec. 4.
Sorting machine. E. Nordstrom. 1,472,279; Oct. 30.
Sorting machine. R. G. Phelps. 1,443,193; Jan. 23.
Sorting machine. C. F. Richardson. 1,460,176; June 26.
Sorting or sizing apparatus. L. D. Spencer. 1,466,764; Sept. 4.
Sorting table. G. Pieretti. 1,460,862; July 3.
Sorting table or file-distributing device. D. G. McCarty. 1,478,876; Dec. 25.
Sorting, washing, or classifying mixed materials of different specific gravities or volumes, Process and plant for. M. Croquet. 1,464,843; Aug. 14.
Sound amplifier. L. H. Donnell. 1,469,899; Oct. 9.
Sound amplifier. F. E. Miller. 1,449,530; Mar. 27.
Sound amplifier. M. Nystrom. 1,468,166; Sept. 18.
Sound amplifiers, Composition for and method of manufacturing. P. Charuest and H. H. Duchesne. 1,454,700; May 8.
Sound amplifiers, Receiver support for. C. W. Kuen. 1,469,941; Oct. 9.
Sound amplifying projector. E. Grissinger. 1,477,555; Dec. 18.
Sound box. A. Z. Coats. 1,461,597; July 10.
Sound box. J. D. Cummings. 1,475,754; Nov. 27.
Sound box. A. A. Dennis. 1,459,577; June 19.
Sound box. A. Engnell. 1,468,144; Sept. 18.
Sound box. E. Fletcher. 1,452,498; Apr. 24.
Sound box. C. J. Mechling. 1,465,239; Aug. 14.
Sound box. H. Y. Prendergast. 1,443,274; Jan. 23.
Sound box. B. R. Seabrook. 1,447,186; Mar. 6.
Sound box. D. F. Snyder. 1,454,909; May 15.
Sound box. C. S. Spitzer and J. Gloub. 1,452,319; Apr. 17.
Sound box. H. Walker. 1,469,058; Sept. 25.
Sound-box construction. L. K. Scotford. 1,448,872; Mar. 20.
Sound-box mounting. C. Scrabic. 1,442,586; Jan. 16.
Sound-box structure. C. Scrabic. 1,455,972; May 22.
Sound cabinet, Orchestra. N. Gutierrez. 1,448,061; Mar. 13.
Sound clarifier. C. W. Johnson. 1,447,855; Mar. 6.
Sound clarifier. C. W. Johnson. 1,473,560; Nov. 6.
Sound-controlled means for producing light variations. L. de Forest. 1,442,426; Jan. 16.
Sound-conveying instruments, Diaphragm for. J. A. Hacker. 1,472,830; Nov. 6.
Sound-cut-off device. T. F. Rose, jr. 1,476,301; Dec. 4.
Sound-damping mechanism. A. Emett. 1,469,141; Sept. 25.
Sound-deadening box. B. W. Hurd. 1,443,688; Jan. 30.
Sound-detecting device. I. Langmuir. 1,475,190; Nov. 27.
Sound detection. H. C. Hayes. 1,470,733; Oct. 16.
Sound detector. G. H. Nash. 1,464,103; Aug. 7.
Sound, Device for producing or reproducing. C. H. Hulbert. 1,457,075; May 29.
Sound, Diaphragm adapted to receive and produce. E. M. C. Tigerstedt. 1,454,913; May 15.
Sound-emission device. M. De Cesare. 1,463,008; July 24.
Sound energy with submarine sound transmitters, Device for increasing the. W. Hahnemann. 1,463,507; July 31.
Sound instrument, Audible. B. F. Gardner. 1,443,357; Jan. 30.
Sound instrument, Signal. P. and R. Georgi. 1,463,361; July 31.
Sound, Machine for recording and reproducing. F. W. Downe. 1,456,180; May 22.
Sound, Means for recording and reproducing. L. de Forest. 1,446,246; Feb. 20.
Sound, Method and means for amplifying and projecting. E. Grissinger. 1,477,553; Dec. 18.
Sound-modifying apparatus. J. Mersman. 1,444,932; Feb. 13.
Sound-projecting apparatus and method. E. Grissinger. 1,477,556; Dec. 18.
Sound projector. E. Grissinger. 1,477,554; Dec. 18.
Sound producer and receiver. W. Rudolph. 1,463,911; Aug. 7.
Sound-producing device. L. J. Grubman. 1,466,877–8; Sept. 4.
Sound-producing machines, Sound box for. J. H. Dickinson. 1,446,886; Feb. 27.
Sound-producing mechanism. F. B. Little. 1,464,156; Aug. 7.
Sound-producing mechanism. F. B. Little. 1,473,485; Nov. 6.
Sound-propagating mediums, Sound signaling device for dense. W. Hahnemann. 1,451,422; Apr. 10.
Sound record. H. K. Sandell. 1,442,299; Jan. 16.
Sound record and mechanism therefor, Endless. L. de Forest. 1,442,682; Jan. 16.
Sound record, Tape. H. L. Page. 1,445,031; Feb. 13.
Sound, Recording. H. W. Webb. 1,458,603; June 12.
Sound recording and reproducing apparatus. J. K. Delano. 1,459,088; June 19.
Sound recording and reproducing instrument. C. L. Newland. 1,450,045; Mar. 27.
Sound recording and reproducing machines, Mat for. M. M. Dessau. 1,446,289; Feb. 20.
Sound recording method. E. E. Ries. 1,473,976; Nov. 13.
Sound records, Machine for producing commercial. H. L. Page. 1,445,032; Feb. 13.
Sound records, Producing. D. A. Whitson. 1,474,695; Nov. 20.
Sound records, Repressing disk. R. G. Berger. 1,448,376; Mar. 13.
Sound records, Reproducer for. H. L. Page. 1,445,030; Feb. 13.
Sound-refining box. W. V. Ogren. 1,435,170; Aug. 14.
Sound reproducer. J. Jones. 1,445,322; Feb. 13.
Sound reproducers, Needle chuck for. J. W. Booth. 1,461,176; July 10.
Sound-reproducing apparatus. A. Vasselli. 1,468,767; Sept. 25.
Sound-reproducing apparatus, Diaphragm for. J. A. Steurer. 1,459,803; June 26.
Sound-reproducing apparatus, Multiple. W. H. Bristol. 1,468,455; Sept. 18.
Sound-reproducing device. N. Mendez. 1,443,030; Jan. 23.
Sound-reproducing device, Attachment for. L. Blaha. 1,471,092; Oct. 16.
Sound-reproducing instrument. E. A. and D. A. Reynolds. 1,463,372; July 31.
Sound-reproducing instrument, Automatic. S. A. Blair. 1,472,743; Oct 30.
Sound-reproducing instruments, Repeater for. R. E. Lagerquist. 1,441,511; Jan. 9.
Sound-reproducing machine. G. M. Boumphrey. 1,469,152; Sept. 25.
Sound-reproducing machine. F. Cirelli. 1,475,541; Nov. 27.
Sound-reproducing machine. G. Di Falco. 1,462,269; July 17.
Sound-reproducing machine. C. R. Krueger. 1,477,832; Dec. 18.

Sound-reproducing machine. A. G. Nyquist. 1,454,134; May 8.
Sound-reproducing machine, Electrically-driven. R. Mosmann. 1,455,262; May 15.
Sound-reproducing machine, Multirecord. W. A. Bracken. 1,442,640; Jan. 16.
Sound-reproducing machines, Amplifier for. P. Raddis. 1,456,678; May 29.
Sound-reproducing machines, Automatic stop for. A. G. Atwell. 1,445,814; Feb. 20.
Sound-reproducing machines, Controlling machanism for. T. H. Loy. 1,455,631; May 15.
Sound-reproducing machines, Record-beginning guide for. T. H. Loy. 1,474,786; Nov. 20.
Sound-reproducing machines, Sound box for. W. Spofforth. 1,454,297; May 8.
Sound-reproducing machines, Tone modifier for. F. W. Cooley. 1,462,320; July 17.
Sound-reproducing records, Filing device for. C. U. Finocchiaro. 1,449,277; Mar. 20.
Sound-reproduction apparatus. F. D. Hunt. 1,474,776; Nov. 20.
Sound-reproduction apparatus, Automatic stop for. F. C. Hobbs. 1,468,295; Sept. 18.
Sound-reproduction article, Molded. E. E. Novotny. 1,451,783; Apr. 17.
Sound-signal transmitter, Subaqueous. H. Hecht and F. Schenkelberger. 1,475,385; Nov. 27.
Sound signaling, Receiving device for submarine. W. Hahnemann and W. Rudolph. 1,445,508; Feb. 13.
Sound signals, Sender diaphragm for submarine. W. Kunze. 1,468,305; Sept. 18.
Sound transmitter. P. V. Rooney. 1,456,742; May 29.
Sound waves, Producing. E. Reisz. 1,445,412; Feb. 13.
Sounding device. J. E. Jackson. 1,449,756; Mar. 27.
Sounds, Method and means for determining the direction of. E. M. von Hornbostel and M. Wertheimer. 1,467,545; Sept. 11.
Soup tureen or similar article. R. R. Kintz. Des. 62,822; Aug. 7.
Sowing machine. A. C. P. Mooij. 1,478,753; Dec. 25.
Sowing machine, Seed-. T. C. Ellis, A. Jeffery, and H. Maddocks. 1,461,770; July 17.
Space-band cleaner. W. A. Lorenz and P. R. Hoopes. 1,478,442; Dec. 25.
Spacer, Bar. W. E. White. 1,458,960; June 19.
Spacer, Sector. G. and M. J. Ross. 1,467,395; Sept. 11.
Spacing appliance. A. A. Faust. 1,444,242; Feb. 6.
Spacing articles, Apparatus for. C. H. Dreher. 1,457,353; June 5.
Spacing mechanism. H. A. Foothorap. 1,459,200; June 19.
Spacing tool. R. Clinton. 1,448,829; Mar. 20.
Spacing tool, Adjustable. F. W. Deitz. 1,452,828; Apr. 24.
Spade. A. J. and R. R. Thibault. 1,475,899; Nov. 27.
Spade, Boring. W. Eiermann. 1,458,039; June 5.
Spanner. W. R. K. Gandell. 1,463,077; July 24.
Spar, Compound metal. A. P. Thurston and H. N. Wylie. 1,454,659; May 8.
Spark-advancing device, Automatic. N. H. Clark. 1,468,801; Sept. 25.
Spark-advancing mechanism. F. Conrad and J. S. Kinney. 1,466,272; Aug. 28.
Spark arrester. S. E. Douglass. 1,461,605; July 10.
Spark arrester. F. L. McGahan. 1,442,895; Jan. 23.
Spark arrester. C. D. Wright. 1,462,728; July 24.
Spark breaker. C. E. Hull. 1,450,501; Apr. 3.
Spark gap. F. A. Ryder. 1,467,882; Sept. 11.
Spark-gap apparatus. L. J. Lesh. 1,451,426–7; Apr. 10.
Spark indicator and amplifier. B. Jones and J. T. Holmes. 1,466,232; Aug. 28.
Spark intensifier. I. J. Amato. 1,455,470; May 15.
Spark intensifier. A. F. Gillet. 1,447,777; Mar. 6.
Spark intensifier. A. A. Hutchison. 1,463,530; July 31.
Spark intensifier. E. Winca. 1,463,608; July 31.
Spark plug. O. Allen, jr. Re15,713; Nov. 6.
Spark plug. J. Anderson. 1,467,413; Sept. 11.
Spark plug. F. Aragose. 1,452,177; Apr. 17.
Spark plug. C. W. Brewster. 1,447,278; Mar. 6.
Spark plug. J. L. Brockney and C. E. George. 1,460,745; July 3.
Spark plug. F. A. Carter. 1,451,939; Apr. 17.
Spark plug. C. H. Caspar. 1,442,423; Jan. 16.
Spark plug. A. Champion and A. Schmidt. 1,441,783; Jan. 9.
Spark plug. W. H. Chard and W. F. Hills. 1,441,397; Jan. 9.
Spark plug. H. H. Chinsky and E. Honstetter. 1,453,039; Apr. 24.
Spark plug. E. T. Curran. 1,467,137; Sept. 4.
Spark plug. E. T. Curran. 1,468,858; Sept. 25.
Spark plug. G. S. Daugherty. 1,447,763; Mar. 6.
Spark plug. G. T. Dochtermann. 1,464,923; Aug. 14.
Spark plug. A. J. Donley. 1,448,656; Mar. 13.
Spark plug. M. J., M. M., and J. Downey. 1,471,390; Oct. 23.
Spark plug. H. Earle. 1,471,249; Oct. 16.
Spark plug. J. G. Gavlak. 1,459,447; June 19.
Spark plug. C. Graf. 1,477,119; Dec. 11.
Spark plug. W. A. Heide. 1,461,797; July 17.
Spark plug. C. P. and F. P. Hoopes and W. S. Steele. 1,478,654; Dec. 25.
Spark plug. F. A. Howard. 1,454,442; May 8.
Spark plug. W. F. Jenkins. 1,456,129; May 22.
Spark plug. S. F. Leager and F. H. Vliet. 1,465,582; Aug. 21.
Spark plug. W. E. Lee. 1,454,516; May 8.
Spark plug. C. E. Leonard. 1,468,970; Sept. 25.
Spark plug. J. Marks. 1,461,320; July 10.
Spark plug. W. McElroy. 1,454,646; May 8.
Spark plug. J. M. McKernan. 1,446,853; Feb. 27.
Spark plug. S. P. Miller. 1,455,543; May 15.
Spark plug. P. Mitchell. 1,441,444; Jan. 9.
Spark plug. L. Morel. 1,478,135; Dec. 18.
Spark plug. V. F. Mulkey. 1,478,292; Dec. 18.
Spark-plug. T. P. Peterson. 1,477,715; Dec. 18.
Spark plug. L. L. Petty and P. E. Keller. 1,457,389; June 5.
Spark plug. C. A. Propst. 1,452,054; Apr. 17.
Spark plug. D. F. Pyle and J. Anderson. 1,455,852; May 22.
Spark plug. L. F. Reynolds and J. S. Stewart. 1,476,350; Dec. 4.
Spark plug. F. C. Ring. 1,449,781; Mar. 27.
Spark plug. J. A. Rogers. 1,471,283; Oct. 16.
Spark plug. J. C. Rowan. 1,460,983; July 3.
Spark plug. R. J. Ruths. 1,477,522; Dec. 11.
Spark plug. F. Samland and G. Skow. 1,465,869; Aug. 21.
Spark plug. A. Schmidt. 1,461,629; July 10.
Spark plug. J. and W. Sharp. 1,445,044; Feb. 13.
Spark plug. A. S. Shima. 1,459,379; June 19.
Spark plug. J. S. Solomon. 1,461,405; July 10.
Spark plug. M. P. Sullivan. 1,477,784; Dec. 18.
Spark plug. R. Sundberg. 1,464,685; Aug. 14.
Spark plug. W. S. Thomas. 1,464,121; Aug. 7.
Spark plug. F. Varone. 1,466,316; Aug. 28.
Spark plug. I. A. Weaver. 1,442,916; Jan. 23.
Spark plug. G. Winchester and F. A. Howard. 1,461,300; July 10.
Spark plug. J. J. Wisniowski. 1,458,636; June 12.
Spark plug. L. Wollbrinck. 1,444,822; Feb. 13.
Spark-plug attachment. G. T. W. Otto. 1,447,812; Mar. 6.
Spark-plug cleaner. F. H. Elwell. 1,458,690–1; June 12.
Spark-plug cleaner. A. M. Seaver. 1,455,150; May 15.
Spark-plug cleaner. J. P. Tarbox. 1,472,858; Nov. 6.
Spark-plug cleaner. F. Wamback. 1,463,350; July 31
Spark-plug cleaner, Sand-blast. C. Hanson. 1,475,992; Dec. 4.
Spark-plug intensifier. E. W. House. 1,442,947; Jan. 23.
Spark plug, Self-cleaning. F. E. Glaze. 1,465,038; Aug. 14.
Spark-plug shield. M. McCune and D. H. Russell. 1,468,539; Sept. 18.
Spark-plug structure. A. E. Eastman. 1,465,935; Aug. 28.
Spark-plug tester. W. P. Moore. 1,471,976; Oct. 23.
Spark plug, Visible. W. H. Burt. 1,452,868; Apr. 24.
Spark-plug wrench. C. Buck. 1,465,929; Aug. 28.
Spark plugs, Apparatus for making. D. F. Pyle and J. Anderson. 1,455,853; May 22.
Spark plugs, Attachment for. G. A. Strawser. 1,468,929; Sept. 25.
Spark plugs, Electrical connecter for. J. and L. B. Berge. 1,476,028; Dec. 4.
Spark plugs, Making. G. R. Blodgett, M. E. Cheney and R. T. Hurley. 1,451,677; Apr. 17.
Spark plugs, Spark regulator for restoring normal ignition to fouled. J. and P. Courtier. 1,460,227; June 26.
Spark-producing mechanism. W. J. Frisbie. 1,476,962; Dec. 11.
Spark timer. G. L. Herz. 1,461,526; July 10.
Sparking plug. S. Fisher and W. Priddey. 1,465,978; Aug. 28.
Sparking plug. R. F. Hall. 1,443,842; Jan. 30.
Sparking plug. E. Martin. 1,468,616; Sept. 18.
Sparking plug. P. D. Peterson. 1,468,031; Sept. 18.
Spat and legging, Combined. G. J. Nichols. Des. 62,741; July 24.
Spat for women's wear. P. Grayson. 1,441,849; Jan. 9.
Spat or overgaiter. O. M. Thomas. Des. 62,925; Aug. 21.
Spear. S. T. Henry. 1,465,267; Aug. 21.
Spear, Casing. G. W. Boyce. 1,474,886; Nov. 20.
Spear, Casing. C. M. Guess. 1,445,680; Feb. 20.
Spear, Casing. G. A. Humason and J. A. Burtschel. 1,441,583; Jan. 9.
Spear, Casing. E. C. Immel. 1,460,099; June 26.
Spear, Combined casing and tool. M. W. Jones and B. H. Brush. 1,442,276; Jan 16.
Spear, Tubing. O. D. Nutter. 1,457,596; June 5.
Specific-gravity indicator. R. P. Searle. 1,459,752; June 26.
Spectacle blanks, Process and apparatus for producing. F. Gelstharp. 1,471,725; Oct. 23.
Spectacle-frame assembler. J. S. and M. J. Jaffe. 1,444,124; Feb. 6.
Spectacle frame, Shell. L. E. E. Viénot. 1,445,249; Feb. 13.
Spectacle glasses, Machine for cutting. R. Schumann. 1,465,366; Aug. 21.
Spectacles. J. M. Bailey. 1,471,996; Oct. 23.

Spectacles-display holder. A. Meng. Des. 62,579; June 26.
Spectacles-display holder. A. Meng. Des. 62,674; July 17.
Spectacles, eyeglasses, and the like, Holder for. L. Farber. Des. 62,323; May 8.
Speed-change mechanism. R. E. Winters. 1,474,752; Nov. 20.
Speed-change worm transmission. M. O. Berg. 1,463,001; July 24.
Speed-changing device and take-up of chain drives or the like. A. L. Riker. 1,467,591; Sept. 11.
Speed-changing mechanism. B. A. Behrend. 1,470,050; Oct. 9.
Speed-changing mechanism. W. H. Swartz. 1,463,408; July 31.
Speed-changing mechanism. F. A. Valentine. 1,451,722; Apr. 17.
Speed control. A. C. Roebuck. 1,455,093; May 15.
Speed-control apparatus. M. E. Leeds. 1,476,824; Dec. 11.
Speed-control device, Automatic. C. C. Farmer. 1,456,269; May 22.
Speed-control system. W. N. Motter. 1,476,997; Dec. 11.
Speed controller. J. M. Barr. 1,477,862; Dec. 18.
Speed-controlling device. A. Barr and W. Stroud. 1,453,119; Apr. 24.
Speed-controlling mechanism. C. H. Gill. 1,462,807; July 24.
Speed device, Change-. P. Donon. 1,458,469; June 12.
Speed device, Variable. J. H. Brimson. Re15,614; May 29.
Speed feeding mechanism, Variable. A. Rosenberg. 1,442,236; Jan. 16.
Speed from constant-speed motors. Device for obtaining variable. D. Nelson. 1,448,034; Mar. 13.
Speed-governing apparatus, High-. H. F. Schmidt. 1,441,300; Jan. 9.
Speed-governing mechanism. H. G. Saal. 1,468,083; Sept. 18.
Speed governor. W. S. Dorman. 1,458,470; June 12.
Speed-indicating mechanism. C. Gore. 1,442,937; Jan. 23.
Speed indicator. L. A. Dunajeff. 1,451,064; Apr. 10.
Speed indicator. A. Mélotte. 1,459,292; June 19.
Speed indicator. W. H. F. Smith. 1,460,218; June 26.
Speed indicator for automobiles and the like. A. E. Tillander. 1,448,043; Mar. 13.
Speed indicator, Rotary. E. J. Wilson. 1,466,156; Aug. 28.
Speed mechanism, Change-. S. W. Ferguson. 1,458,400; June 12.
Speed mechanism, Pin drive for variable-. D. E. Lewellen. 1,446,387; Feb. 20.
Speed mechanism, Variable-. B. Hall. 1,470,559; Oct. 9.
Speed mechanism, Variable-. B. Hall. 1,470,560–3; Oct. 9.
Speed of moving objects, Means to indicate the angular. W. S. Makaroff. 1,464,208; Aug. 7.
Speed recorder. J. F. Ohmer, jr. 1,471,977; Oct. 23.
Speed-regulating apparatus. V. A. Flynn. 1,451,501–2; Apr. 10.
Speed-regulating device. C. C. Shigley. 1,453,890; May 1.
Speed regulation, Induction-motor. W. Seiz. 1,449,784; Mar. 27.
Speed regulator. A. Vasselli. 1,441,463; Jan. 9.
Speed-regulator system. W. M. Bradshaw and C. A. Boddie. 1,477,309; Dec. 11.
Speed, time, and distance recorder. A. F. Wallbillich. 1,468,426; Sept. 18.
Speed tool and making the same, High-. F. E. Falvet. 1,471,252; Oct. 16.
Speed transmission, Selective-type change-. A. G. Herreshoff. 1,474,033; Nov. 13.
Speed transmission, Variable-. M. Balcker. 1,443,782; Jan. 30.
Speed transmission, Variable-. H. M. Moakley. 1,448,490; Mar. 13.
Speed transmission, Variable. J. Reece. 1,461,556; July 10.
Speed transmissions, Power take-off for change-. A. Hj. Asprooth. 1,446,326; Feb. 20.
Speed transmissions, Variable-. D. W. Driscoll. 1,471,998; Oct. 23.
Speed-transmitting mechanism, Variable-. H. E. Twomley. 1,465,796; Aug. 21.
Speed-varying mechanism. B. Hall. 1,470,559–62; Oct. 9.
Speedometer. E. H. Belden. 1,478,372; Dec. 25.
Speedometer. C. Carson. 1,450,939; Apr. 10.
Speedometer. J. A. Coomes. 1,442,128; Jan. 16.
Speedometer. E. O. Lange. 1,458,831; June 12.
Speedometer driving mechanism. T. D. Adair, jr. 1,441,471; Jan. 9.
Speedometer, Electric. C. F. Kettering. 1,454,644; May 8.
Speedometer, Magnetic. C. Fischer. 1,467,031; Sept. 4.
Speedometer, Magnetic. J. Patrick. 1,461,628; July 10.
Speedometer swivel joint. H. R. Stoughton. 1,473,886; Nov. 13.
Speedometer with the power shaft of a motor vehicle, Mechanism for connecting the. J. A. Goodsell and S. A. Dovey. 1,473,988; Nov. 13.
Speedometers and the like, Differential shaft drive for. W. H. Schulze. 1,465,003; Aug. 14.
Speedometers and the like, Transmission drive for. F. G. Whittington. 1,460,523; July 3.
Speedometers, Drive mechanism for. E. T. Schavey. 1,474,557; Nov. 20.
Speedometers, Driving joint for. H. A. Ames. 1,441,473; Jan. 9.
Speedometers, Steering-wheel drive for. F. G. Whittington. 1,466,865; Sept. 4.
Speedometers, Temperature-compensating means for. J. Berge. 1,450,909; Apr. 10.
Speedometers, Transmission drive for. D. H. Nash. 1,443,848; Jan. 30.
Speedometers, Transmission drive for. W. H. Schulze. 1,461,293; July 10.
Speedometers, Transmission drive for. F. G. Whittington. 1,460,522; July 3.
Spelter furnace. D. B. Jones. 1,450,161; Mar. 27.
Spherical articles, Making. J. R. Blakeslee. 1,469,174; Sept. 25.
Sphygmomanometer. P. A. Sheaff. 1,474,853; Nov. 20.
Spigot. A. B. Lewis and W. J. Taggart. 1,476,527; Dec. 4.
Spike. I. L. Edwards. 1,445,576; Feb. 13.
Spike-driving machine. J. H. Doak. 1,448,264; Mar. 13.
Spike-driving machines, Tire holder for. J. H. Doak. 1,448,265; Mar. 13.
Spike puller. G. M. Clark. 1,450,664; Apr. 3.
Spike puller. G. B. McCormick. 1,443,900; Jan. 30.
Spindle: *See*—
Buggy spindle.
Cop-tube spindle.
Latch spindle.
Silk spindle.
Spinning spindle.
Spindle. J. H. Harnett. 1,457,572; June 5.
Spindle. W. B. Hubbard. 1,451,829; Apr. 17.
Spindle. B. O. Isom. 1,478,338; Dec. 18.
Spindle. J. B. Nainteau. 1,447,880; Mar. 6.
Spindle. E. A. Perkins. 1,474,490; Nov. 20.
Spindle. C. A. Proulx. 1,442,177; Jan. 16.
Spindle. C. A. Proulx. 1,451,744; Apr. 17.
Spindle-adjuster model. M. H. Feist. 1,442,139; Jan. 16.
Spindle-adjusting mechanism, Drill-. R. F. Scott. 1,452,172; Apr. 17.
Spindle bolt. J. G. Binnington and H. E. Mahan. 1,448,685; Mar. 13.
Spindle bolt, Adjustable. W. F. Pridemore. 1,474,057; Nov. 13.
Spindle-bolt protector. J. G. Wilcox. 1,471,227; Oct. 16.
Spindle bolt removing device. C. Staugaard. 1,454,086; May 8.
Spindle, Cheese-winding. W. H. Sutton. 1,476,271; Dec. 4.
Spindle drill, Multiple-. F. E. Neitzel. 1,457,387; June 5.
Spindle drill, Multiple. F. E. Neitzel. 1,466,145; Aug. 28.
Spindle drill, Multiple-. V. A. Root. 1,477,851; Dec. 18.
Spindle-driving mechanism. E. Atwood. 1,443,335; Jan. 30.
Spindle-driving mechanism. J. F. Flaherty. 1,458,930; June 19.
Spindle lock, Rotary-. A. C. Andersen. 1,465,461; Aug. 21.
Spindle machine, Automatic multiple-. L. G. Daniels. 1,464,063; Aug. 7.
Spindle machine, Multiple-. F. A. Moore. 1,477,888; Dec. 18.
Spindle mechanism, Drag-. M. Maag. 1,472,848; Nov. 6.
Spindle mounting. R. A. and H. Münzenmaier. 1,478,048; Dec. 18.
Spindle mounting. J. F. Vogel and F. A. Nauts. 1,468,768; Sept. 25.
Spindle mounting, Drill-press. A. C. Mason. 1,444,625; Feb. 6.
Spindle protector. W. P. Watson. 1,448,647; Mar. 13.
Spindle, Spinning. H. E. Brunner. 1,452,180; Apr. 17.
Spindle, Spinning and twisting. E. Atwood. 1,443,452; Jan. 30.
Spindle, Spinning and twisting. J. J. Keyser and J. J. Müller. 1,460,328; June 26.
Spindle washer, Cap. J. T. Hemingway. 1,452,425; Apr. 17.
Spindles, Apparatus for pressing cop and like tubes upon. E. Buck. 1,460,310; June 26.
Spindles, Centering means for. F. G. Smith. 1,462,215; July 17.
Spindles, Driving mechanism for. E. Atwood. 1,443,337; Jan. 30.
Spinneret. F. G. Kraft and C. J. Bacon. 1,453,048; Apr. 24.
Spinning and drawing roll. L. W. Campbell. 1,474,346; Nov. 20.
Spinning and like frames, Spindle mechanism of. J. S. Gaunt and H. Dyson. 1,465,514; Aug. 21.
Spinning and like machines, Doffing mechanism for. T. G. Mylchreest. 1,457,593; June 5.
Spinning and twisting frames, Attachment for. J. Dyson. 1,443,980; Feb. 6.
Spinning and twisting machines, Device for operating the spindles of. H. J. Laroche and L. Montigny. 1,473,820; Nov. 13.

Spinning, Cleaning and conditioning cotton for. P. C. Wadsworth. 1,460,519; July 3.
Spinning, doubling, twisting, and like machines. S. Moorhouse. 1,460,033; June 26.
Spinning, doubling, twisting and like machines, Doffing apparatus for. A. and J. Stell. 1,464,730; Aug. 14.
Spinning frame. H. J. Fortier. 1,443,218; Jan. 23.
Spinning frame. C. A. Pierce. 1,459,251; June 19.
Spinning frame. M. Spencer. 1,457,405; June 5.
Spinning frame and cam. J. P. McCavitt. 1,465,238; Aug. 14.
Spinning frame and the like. J. P. Garey. 1,442,872–3; Jan. 23.
Spinning frame, Cap-. R. Burgess. 1,445,291; Feb. 13.
Spinning frames, Carrier-roll stand for. C. D. White. 1,448,984; Mar. 20.
Spinning frames, Cleaner for the middle steel rollers of. D. L. Dover. 1,454,316; May 8.
Spinning frames, Stop motion for. J. W. Cauthen. 1,475,220; Nov. 27.
Spinning frames, Stop-motion mechanism for. J. H. Jones. 1,474,040: Nov. 13.
Spinning frames, Roving stop motion for. G. K. Kapatas. 1,458,980; June 19.
Spinning frames, Stop motion for. C. E. Pearce. 1,455,171; May 15.
Spinning frames, Stop motion for. T. B. Stevenson. 1,451,634; Apr. 10.
Spinning frames, Traverse protector for. R. W. Gossett. 1,448,114; Mar. 13.
Spinning-jenny nipper. J. J. Kinney. 1,453,146; Apr. 24.
Spinning machine. D. M. Sullivan and G. W. Baity. 1,467,457; Sept. 11.
Spinning machine, Arrangement for drawing frames in. F. Cesoni and A. Lirussi. 1,459,572; June 19.
Spinning machine, Artificial-silk-. G. Juer. 1,452,607; Apr. 24.
Spinning machinery, Drawing frame for. H. Tschudy. 1,469,548; Oct. 2.
Spinning machinery, Stop motion for. J. E. Cushman and N. C. Stanton. 1,470,351; Oct. 9.
Spinning machines or the like, Electric drive for. J. R. Rue, jr. 1,449,699; Mar. 27.
Spinning machines, Means for controlling the traverse of yarn guides on. E. E. Nowell. 1,474,544; Nov. 20.
Spinning machines, Roll device for. R. C. Rahm. 1,446,208; Feb. 20.
Spinning machines, Separator for ring-. A. K. Addis. 1,449,928; Mar. 27.
Spinning machines, Thread-breaking device for. F. Q. Hartman. 1,455,529; May 15.
Spinning machines, Thread guide for. F. Cass. 1,466,577; Aug. 28.
Spinning mill. T. Zachariadis. 1,474,130; Nov. 13.
Spinning mule. R. Roth. 1,475,318; Nov. 27.
Spinning ring. S. Forbes. 1,460,751; July 3.
Spinning rings, Protector for. C. D. White. 1,471,934; Oct. 23.
Spinning rings, Traveler stop for. L. G. Sabbag. 1,460,144; June 26.
Spinning spindle. F. Münz. 1,442,412; Jan. 16.
Spinning tool and machine. J. N. Selvig. 1,471,010; Oct. 16.
Spinning top. F. L. Lindstrom. 1,462,091; July 17.
Spinning, twisting, doubling, and analogous machines, Flier for. P. Clough. 1,460,887; July 3.
Spiral casing. H. B. Taylor. 1,462,890; July 24.
Spiral separator. F. Pardee. 1,454,904; May 15.
Spiral separator. F. Pardee. 1,462,618; July 24.
Spiral separator and separating materials. F. Pardee. 1,477,849; Dec. 18.
Spiral tool. G. O. Leopold. 1,460,201; June 26.
Spiral tube, Flexible. A. H. Dolge and C. F. Hendricks. 1,477,695; Dec. 18.
Spit support for rotisseries. M. Schey. 1,442,584; Jan. 16.
Spittoon. G. D. Heck. 1,450,806; Apr. 3.
Spittoon and waste flush. C. E. Bowles. 1,457,053; May 29.
Splice. B. F. Sparling. 1,458,009; June 5.
Splice shoe. R. M. Evans. 1,445,877; Feb. 20.
Splicing apparatus. O. Butler and A. Morin. 1,452,906; Apr. 24.
Splicing machine, Film-. J. Slipper. 1,445,045; Feb. 13.
Splint. A. M. Bennett. 1,462,000; July 17.
Splint. C. A. Hoefftcke. 1,445,437; Feb. 13.
Splint for the setting and retaining in place of fractures of the long bones of the limbs. H. C. Masland. 1,468,387; Sept. 18.
Splint machine. W. H. Collier. 1,473,545; Nov. 6.
Splitting machine. W. C. Stewart. 1,448,046; Mar. 13.
Spoke. L. Dean. 1,460,536; July 3.
Spoke grip. M. N. Colvin. 1,452,908; Apr. 24.
Spoke-inserting machine. H. Flick. 1,466,430; Aug. 28.
Spoke-mitering machines, Billet holder for. H. Flick. 1,453,930; May 1.
Spoke socket, Repair. M. K. Johnson. 1,456,449; May 22.
Spoke tightener. G. C. Boller and E. Clarenbach. 1,470,137; Oct. 9.
Spoke tightener. S. E. Hestand. 1,474,716; Nov. 20.
Spoke-tightening washer. J. Talasek. 1,468,090; Sept. 18.
Spoke wrench. W. E. Kadow. 1,475,834; Nov. 27.
Spokes, Making. J. H. Wagenhorst. 1,459,169; June 19.
Spokes, Manufacture of. A. J. Adams. 1,457,808; June 5.
Sponge iron, Producing. E. B. Thornhill. 1,443,444; Jan. 30.
Sponge spray, Auto. E. Christensen. 1,475,748; Nov. 27.
Spool. J. M. Brown. 1,455,779; May 22.
Spool. E. J. Hubbard. 1,472,980; Nov. 6.
Spool. F. Mossberg. 1,465,585; Aug. 21.
Spool. H. O. Taft. 1,454,796; May 8.
Spool and thimble. B. D. Powell. 1,456,401; May 22.
Spool carriage, Swinging. O. W. Pausch. 1,455,806; May 22.
Spool, Collapsible. W. A. Prentiss. 1,461,736; July 17.
Spool head. V. Gero. 1,461,480; July 10.
Spool holder. H. Ehrlich. 1,470,258; Oct. 9.
Spool holder. J. E. Needham. 1,469,266; Oct. 2.
Spoon holder. F. L. Smith. 1,464,731; Aug. 14.
Spool reel, Free. W. Schmid. 1,444,560; Feb. 6.
Spool, Sheet-metal. C. A. Beaujon. 1,453,826; May 1.
Spool-tension device. E. R. Holmes. 1,479,958; Dec. 18.
Spool unwinder. R. K. Clark and E. W. Kroepel. 1,478,364; Dec. 18.
Spool, Winding. W. R. Marshall. 1,460,595; July 3.
Spooler. A. E. Rhoades. 1,477,525; Dec. 11.
Spooling machine. L. Berzon. 1,461,205; July 10.
Spooling machine, Disk. G. M. Wehner. 1,461,953; July 17.
Spooling machines and the like, Guide for continuous bobbin feed for use in. S. Daniloff. 1,448,831; Mar. 20.
Spools, Apparatus for sandpapering flanged. N. Demers. 1,444,668; Feb. 6.
Spools, Driver for spinning. J. N. Anderson. 1,469,983; Oct. 9.
Spools, etc., Crank for winding. W. O. Owen. 1,467,736; Sept. 11.
Spools, Tension regulator for selvage. C. F. Lavalle. 1,462,604; July 24.
Spoon. S. B. Isaacs. 1,452,464; Apr. 17.
Spoon. R. B. Rhyne. 1,474,443; Nov. 20.
Spoon, fork, or similar article. H. B. Dominick. Des. 61,856; Jan. 30.
Spoon, fork, or similar article. P. J. Gordon. Des. 62,015; Feb. 27.
Spoon, fork, or similar article. M. B. Leete. Des. 61,983; Feb. 20.
Spoon holder. H. J. Richards. 1,474,733; Nov. 20.
Spoon holder or similar article. M. Relkin. Des. 63,268; Nov. 13.
Spoon or analogous article. H. E. Nock. Des. 63,430–2; Dec. 4.
Spoon or fork holder. J. Simone. 1,472,995; Nov. 6.
Spoon or similar article. G. N. Allen. Des. 62,973–4; Sept. 4.
Spoon or similar article. G. N. Allen. Des. 63,166; Oct. 30.
Spoon or similar articles. E. T. Beck. Des. 63,448; Dec. 11.
Spoon or similar article. A. Bothe. Des. 61,869; Feb. 6.
Spoon or similar article. E. Fuchs. Des. 62,718; July 24.
Spoon or similar article. H. Hillbom. Des. 62,328; May 8.
Spoon or similar article H. Hillbom. Des. 63,174; Oct. 30.
Spoon or similar article. S. V. James. Des. 63,558; Dec. 18.
Spoon or similar article. S. V. James. Des. 63,650; Dec. 25.
Spoon or similar article. A. G. Kintz. Des. 63,651; Dec. 25.
Spoon or similar article. J. Leech. Des. 62,009; Feb. 27.
Spoon or similar article. W. F. Mowry. Des. 62,091; Mar. 13.
Spoon or similar article. A. H. Staf. Des. 63,204; Oct. 30.
Spoon or similar article. S. Stohr. Des. 61,879; Feb. 6.
Spoon or similar article of manufacture. F. R. Roberts. Des. 62,048; Mar. 13.
Spoon, Trolling. G. H. Doering. 1,444,338; Feb. 6.
Spoon, Trolling. J. Hansen. 1,450,546; Apr. 3.
Spoons, knives, forks, or similar articles of tableware. J. Avvocato. Des. 62,359; May 15.
Spot lamp. C. A. Whitsett. 1,460,777; July 3.
Spotlamp. R. E. Williams. 1,457,645; June 5.
Spotlamps, Automatic switch control for. E. G. K. Anderson. 1,462,473; July 24.
Spotlamps, Mounting for universal. E. G. K. Anderson. 1,469,982; Oct. 9.
Spotlight. R. Coffeen. 1,448,791; Mar. 20.
Spotlight. F. A. King. 1,477,961; Dec. 18.
Spotlight. C. L. Madden. 1,457,120; May 29.
Spotlight. A. P. Paine. 1,442,903; Jan. 23.
Spotlight. J. R. Shirreffs. 1,454,695; May 8.
Spotlight. A. L. Staples. 1,445,245–7; Feb. 13.
Spotlight-adjusting means. A. R. Clas. 1,474,623; Nov. 20.
Spotlight and mount therefor. F. B. Roberts. 1,447,891; Mar. 6.

Spotlight, Automatically-controlled. L. A. Bean. 1,454,228; May 8.
Spotlight bracket. W. French. 1,440,870; Jan. 2.
Spotlight bracket. W. T. Lindsay, and C. H. Fudge. 1,442,411; Jan. 16.
Spotlight bracket. O. M. Otte. 1,459,856; June 26.
Spotlight bracket. N. J. Weir. 1,478,154; Dec. 18.
Spotlight bracket. R. E. Williams. 1,461,955; July 17.
Spot light, Changeable-color. J. M. Dollison and C. E. Smith. 1,460,644; July 3.
Spotlight color screen. G. E. Stephenson. 1,472,095; Oct. 30.
Spotlight control. A. F. and W. R. Wood. 1,441,192; Jan. 2.
Spotlight, Dirigible. E. C. Young. 1,444,896; Feb. 13.
Spotlight mounting. R. H. Bitter. 1,472,509; Oct. 30.
Spotlight mounting. H. W. Meyer. 1,443,331; Jan. 23.
Spotlight-operating mechanism. W. H. Flood. 1,465,936; Aug. 28.
Spotlight-projecting device. E. D. Neff. 1,455,929; May 22.
Spot remover. J. R. Nagues. 1,468,541; Sept. 18.
Spout. P. N. Hooper. 1,456,445; May 22.
Spout, Container closure and pouring. P. A. Balison and I. G. Stateropoulos. 1,447,117; Feb. 27.
Spout for cans, Collapsible. R. K. Hall. 1,462,749; July 24.
Spout for containers, Detachable. A. Schilling. 1,465,793; Aug. 21.
Spout for vessels, Pouring. W. C. Helcher. 1,470,978; Oct. 16.
Spout, Loading. C. E. Newell. 1,476,830; Dec. 11.
Spout, Pouring. V. Dieu. 1,475,988; Dec. 4.
Spout, Pouring. B. Shatz. 1,465,617; Aug. 21.
Spout, Salt-pouring. J. F. Harrington. 1,464,073; Aug. 7.
Spragging device, Mechanical. W. D. Ingle and R. H. Jackson. 1,442,667; Jan. 16.
Spray bar. L. Willis and O. F. Woodworth. 1,470,246; Oct. 9.
Spray booth. O. C. Reeves. 1,448,000; Mar. 13.
Spray coil. I. E. Colvin. 1,472,586; Oct. 30.
Spray from liquids and commingling the same with gases, Method of and apparatus for making. N. C. Christensen. 1,462,363; July 17.
Sprayer. C. Erickson. 1,473,025; Nov. 6.
Sprayer. J. C. Frederick. 1,471,256; Oct. 16.
Sprayer. H. D. Lathrop. 1,462,970; July 24.
Sprayer attachment. W. A. McKenney. 1,469,801; Oct. 9.
Sprayer, Dust. W. W. Gore. 1,473,785–7; Nov. 13.
Sprayer, Insecticide. V. Koehmstedt. 1,459,915; June 26.
Sprayer, Liquid. G. A. Urbach. 1,474,655; Nov. 20.
Sprayer, Portable. W. W. Keene. 1,450,742; Apr. 3.
Sprayer, Powder. M. Anderson. 1,464,799; Aug. 14.
Sprayer, Powder. H. E. Herbert. 1,458,341; June 12.
Sprayer, Powder. E. Johnson. 1,459,955; June 26.
Spraying and beating head. J. C. MacLachlan. 1,468,118; Sept. 18.
Spraying container. H. N. Moran and C. A. Cellea. 1,466,370; Aug. 28.
Spraying device. J. F. Lemons. 1,475,957; Dec. 4.
Spraying device. G. B. Pickop. 1,466,247; Aug. 28.
Spraying device. R. L. Strain. 1,465,377; Aug. 21.
Spraying device. A. A. Stubfors. 1,454,824; May 8.
Spraying liquids by compressed air, Apparatus for. R. Robertson. 1,461,546; July 10.
Spraying machine. J. Paschall. 1,459,689; June 19.
Spreader. J. C. Bohmker. 1,445,265; Feb. 13.
Spreader. W. H. Fullington. 1,442,263; Jan. 16.
Spreader, Doubling. A. Thoma. 1,462,154; July 17.
Spreader, Spring-leaf. L. M. Greenslade. 1,451,297; Apr. 10.
Spreader, Straw. C. B. Sloat. 1,441,128; Jan. 2.
Spreader, Wax. J. King. 1,460,329; June 26.
Spreading machines, Roller scraper bar for glue-. H. G. Francis. 1,464,813; Aug. 14.

Spring: *See*—

Air spring.
Automobile spring.
Contact spring.
Dust-cap spring.
High-capacity spring.
Leaf spring.
Nonmetallic spring.
Pneumatic spring.
Seat spring.
Semielliptical spring.
Shock-absorbing spring.
Shuttle spring.
Upholstery spring.
Vehicle spring.
Window spring.

Spring. A. Klaasse. 1,450,686; Apr. 3.
Spring. H. C. Lord. 1,443,545; Jan. 30.
Spring-actuated closure. T. Croce and D. Morabito. 1,462,228; July 17.
Spring and mattress supporting means. T. B. Draper. 1,450,204; Apr. 3.
Spring and spring-bar bumper, Combined compression. J. K. Olsen. 1,471,568; Oct. 23.
Spring-assembling machine, Cushion-. J. T. Holtfoth. 1,473,989; Nov. 13.
Spring-bending machine. A. J. Feller and J. O. Watters. 1,449,813; Mar. 27.
Spring buffer or bumper. W. G. Cox. 1,470,960; Oct. 16.
Spring bumper. E. G. Dann. 1,455,082; May 15.
Spring bushing. A. O. Judson. 1,475,344; Nov. 27.
Spring cap and truck bolster column guide, Combined. R. V. Sage and G. E. Thackray. 1,459,799; June 26.
Spring clamp. B. Ehrman. 1,470,259; Oct. 9.
Spring clasp. A. S. Fridolph. 1,456,793; May 29.
Spring clip. C. Colombani. 1,469,623; Oct. 2.
Spring clip. E. Steigerwald and F. L. H. Pfeil. 1,477,605; Dec. 18.
Spring-coiling machine. F. H. Sleeper. 1,452,128; Apr. 17.
Spring compressor. H. Faber. 1,469,076; Sept. 25.
Spring compressor. V. A. Lane. 1,444,797; Feb. 13.
Spring compressor. C. A. Prescott. 1,459,692; June 19.
Spring construction. W. A. Falls. 1,446,453; Feb. 27.
Spring covers, Metal casing for leaf-. A. R. Goldrick. 1,472,468; Oct. 30.
Spring device. P. H. Hendrickson. 1,445,765; Feb. 20.
Spring equalizer. P. E. Holt. 1,442,568; Jan. 16.
Spring forming and quenching machine. J. F. Beans. 1,457,340; June 5.
Spring-forming device. C. J. Williams and T. Skinner. 1,465,152; Aug. 14.
Spring-forming machine. T. F. Buckley. 1,459,045; June 19.
Spring hanger and shock absorber, Compensating. W. M. Wilkes. 1,441,766; Jan. 9.
Spring hitch. W. F. Henderson. 1,475,230; Nov. 27.
Spring manufacture. N. E. Hendrickson. 1,459,208; June 19.
Spring motor. L. B. Graham. 1,465,663; Aug. 21.
Spring motor. M. G. Pain. 1,441,743; Jan. 9.
Spring motor. H. L. Pitman. 1,472,936; Nov. 6.
Spring mounting. V. W. Pagé. 1,461,672; July 10.
Spring-mounting. V. W. Pagé. 1,469,731; Oct. 2.
Spring mounting. M. Stadtler. 1,462,990; July 24.
Spring mounting for cushion connections. A. F. Masury and A. H. Leipert. 1,472,372; Oct. 30.
Spring-mounting implement. F. W. Fick. 1,450,069; Mar. 27.
Spring pad. P. Krakauer. 1,465,766; Aug. 21.
Spring quill-arm-supporting device. J. L. Crouse. 1,469,211; Oct. 2.
Spring-repairing device. J. E. Stevens. 1,461,295; July 10.
Spring retainer. G. M. Le Tarte. 1,453,471; May 1.
Spring-retarding device. E. V. Hartford. 1,441,578; Jan. 9.
Spring ring. E. L. Robinson. 1,442,096; Jan. 16.
Spring rope socket. E. C. Archibald. 1,474,701; Nov. 20.
Spring-seat construction. L. A. Young. 1,451,935; Apr. 17.
Spring seat structure. F. B. King. 1,468,477; Sept. 18.
Spring shackle. H. W. Bell and H. L. Hoyt, jr. 1,471,473; Oct. 23.
Spring shackle. E. E. Hendricks. 1,471,845; Oct. 23.
Spring-shackle mounting. C. F. Rodin. 1,464,341; Aug. 7.
Spring snare. F. Kovatch. 1,445,892; Feb. 20.
Spring spreader. G. L. E. Klingbell. 1,458,422–3; June 12.
Spring structure. H. A. Palmer. 1,460,601; July 3.
Spring structure. H. O. Reidenbach. 1,451,924; Apr. 17.
Spring structure. H. O. Reidenbach. 1,465,996; Aug. 28.
Spring structure. C. W. Rogers. 1,457,856; June 5.
Spring structure, Covered. W. B. Foster. 1,466,617; Aug. 28.
Spring structure, Upholstered. D. H. Van Hove. 1,465,323; Aug. 21.
Spring suspension. H. W. Bell. 1,458,318; June 12.
Spring suspension. T. I. Duffy. Re15,659; July 17.
Spring suspension. R. H. Hassler. Re15,686; Sept. 18.
Spring suspension, Air-. R. Liebau. 1,453,589; May 1.
Spring suspension and brake-operating mechanism. A. Loomis. 1,442,957; Jan. 23.
Spring wheel. E. Beach. 1,449,723; Mar. 27.
Spring wheel. W. J. Beisel. 1,452,782; Apr. 24.
Spring wheel. W. J. Beisel. 1,453,541–2; May 1.
Spring wheel. W. J. Beisel. 1,462,441; July 17.
Spring wheel. W. J. Beisel. 1,463,192; July 31.
Spring wheel. J. Bilan. 1,448,513; Mar. 13.
Spring wheel. J. A. Bradley and F. P. Booz. 1,449,213; Mar. 20.
Spring wheel. M. L. Clark. 1,445,201; Feb. 13.
Spring wheel. W. E. Crawford. 1,460,889; July 3.
Spring wheel. F. L. Culver and G. W. Horjes. 1,459,363; June 19.
Spring wheel. J. A. Devore. 1,441,969; Jan. 9.
Spring wheel. P. Faivre. 1,460,318; June 26.
Spring wheel. H. W. Gaines. 1,460,413; July 3.
Spring wheel. J. Hamelin. 1,457,433; June 5.
Spring wheel. O. C. Happel. 1,449,039; Mar. 20.
Spring wheel. B. B. Holmes. 1,463,135; July 24.
Spring wheel. E. Hubbard and J. Bahrs. 1,444,791; Feb. 13.
Spring wheel. C. A. Kiggins. 1,453,247; Apr. 24.
Spring wheel. J. J. Kovach. 1,443,478; Jan. 30.
Spring wheel. A. H. Kutsche. 1,470,452; Oct. 9.
Spring wheel. A. M. Low. 1,443,693; Jan. 30.
Spring wheel. L. Mark and P. Bialy. 1,457,538; June 5.
Spring wheel. J. A. Morrow. 1,450,748; Apr. 3.
Spring wheel. W. P. J. Murray. 1,442,897; Jan. 23.
Spring wheel. F. Palombo. 1,466,544; Aug. 28.
Spring wheel. E. Ramondo. 1,460,920; July 3.
Spring wheel. R. H. Plass. 1,468,076; Sept. 18.
Spring wheel. W. H. Smith. 1,451,517; Apr. 10.
Spring wheel. C. O. Stanley. 1,449,920; Mar. 27.

Spring wheel. F. Stitzel. 1,452,623; Apr. 24.
Spring wheel. H. E. Vobach. 1,465,747; Aug. 21.
Spring wheel. G. W. Watts. 1,461,408; July 10.
Spring wheel. O. Westmoreland. 1,449,077; Mar. 20.
Spring wheel for vehicles. H. J. M. Peny. 1,446,393; Feb. 20.
Spring-winding device. E. C. Freeman. 1,447,299; Mar. 6.
Spring-winding mechanism. C. H. Gill. 1,458,333; June 12.
Spring-yoke adjuster, Single-. P. E. Holt. 1,442,569; Jan. 16.
Springs, Antifriction insert for leaf. J. C. White. 1,465,197; Aug. 14.
Springs, Combination of. J. Andrade. 1,440,363; Jan. 2.
Springs, Combined shock absorber and oiling attachment for vehicle. J. Peyree. 1,460,498; July 3.
Springs, Cover or gaiter for laminated vehicle. H. Ramsden. 1,461,832; July 17.
Springs, Detachable knot or fastener for coiled. W. B. Foster. 1,461,895; July 17.
Springs, Forming compound. L. A. Young. 1,451,936; Apr. 17.
Springs, Gaiter of. H. Staub. 1,452,853; Apr. 24.
Springs in distributors, Tool for inserting. J. G. Dawson. 1,475,001; Nov. 20.
Springs, Lubricating attachment for vehicle. R. L. Williamson. 1,464,688; Aug. 14.
Springs, Means for eliminating friction between the laminations of leaf. B. C. Manby. 1,465,991; Aug. 28.
Springs, Means for lubricating leaf. J. I. Richey. 1,456,463; May 22.
Springs, Shackle for vehicle. A. H. Harris. 1,474,361; Nov. 20.
Springs, Support for vehicle. C. W. Thompson. 1,452,448; Apr. 17.
Springs, Tool for compressing and clamping. W. W. Prymek. 1,476,540; Dec. 4.
Sprinkler. W. H. Baker. 1,474,061; Nov. 13.
Sprinkler. E. C. Chambers. 1,467,601; Sept. 11.
Sprinkler and flusher, Motor-truck. R. S. Bolger. 1,448,910; Mar. 20.
Sprinkler, Automatic. A. J. Loepsinger. 1,464,622; Aug. 14.
Sprinkler, Automatic. R. W. Newton. 1,450,219; Apr. 3.
Sprinkler closure, Temporary. A. C. Rowley. 1,465,831; Aug. 21.
Sprinkler guard. A. C. Rowley. 1,469,336; Oct. 2.
Sprinkler head. W. A. Buckner. 1,463,666; July 31.
Sprinkler head. O. J. Lubbock. 1,465,477; Aug. 21.
Sprinkler-head-testing device. A. L. Abbott. 1,472,235; Oct. 30.
Sprinkler heads, etc., Testing device for automatic. A. L. Abbott. 1,476,786; Dec. 11
Sprinkler systems, Dry pipe mechanism for automatic. C. T. Clifford. 1,452,191; Apr. 17.
Sprinklers, Making automatic. W. Grimshaw. 1,454,235; May 8.
Sprinklers or flushers, Controller for street. H. E. Olsen. 1,470,699; Oct. 16.
Sprinkling apparatus. T. J. Foley. 1,468,860; Sept. 25.
Sprocket wheel. C. R. Carleton. 1,454,536; May 8.
Spur. G. J. Ormiston. Des. 62,305; May 1.
Spur-hobbing machine, Simplified. W. F. Zimmermann. 1,472,767; Oct. 30.
Sputum-cup holder. E. Johnson. 1,477,176; Dec. 11.
Square. I. Dion. 1,477,210; Dec. 11.
Square. E. Williome. 1,446,679; Feb. 27.
Square, Adjustable. P. V. Lord. 1,467,550; Sept. 11.
Square and bevel, Adjustable. W. O. Eads. 1,442,136; Jan. 16.
Square, Carpenter's. C. A. Walters. 1,463,605; July 31.
Square, Combination. W. H. Kelley. 1,441,931; Jan. 9.
Square, Combination. D. C. Lopez. 1,460,103; June 26.
Square, Combination. E. H. Temperli. 1,474,652; Nov. 20.
Square, Mechanic's. W. M. Slavik. 1,478,800; Dec. 25.
Square, Protracting. M. Brown. 1,455,708; May 15.
Square, Roof-framing. J. Parkhill. 1,477,002; Dec. 11.
Squares, Level attachment for carpenters. S. L. Lucas. 1,450,296; Apr. 3.
Squeeze roll, Sectional. F. L. Furbush. 1,466,094; Aug. 28.
Squeezer. T. E. Day. 1,473,610; Nov. 13.
Squeezer, Lemon. W. E. Gray. 1,446,558; Feb. 27.
Stabilized bodies, Long-distance control of. H. Sundhaussen. 1,442,191; Jan. 16.
Stabilizer, Tubing. E. V. Crowell. 1,447,965; Mar. 13.
Stabilizing and aligning device. C. R. Lumley. 1,449,907; Mar. 27.
Stable-cleaning device. M. R. Hedlund, H. C. Hoitomt, and W. E. Hedlund. 1,444,119; Feb. 6.
Stables, Gutter-cleaning device for. F. J. Bobseine. 1,441,555; Jan. 9.
Stacker, Wheat. H. F. Von Engeln. 1,459,271; June 19.
Stacking device. J. W. Davidson. 1,449,893; Mar. 27.
Stacking machine. A. J. De Lateur. 1,444,595; Feb. 6.
Staff, Leading. R. F. Rasmussen. 1,463,175; July 31.
Stage setting. W. A. Fowler. 1,449,170; Mar. 20.
Stain remover and brush, Combined. E. Pasini. 1,468,671; Sept. 25.
Stains, Article for removing. C. M. Hemen. 1,477,220; Dec. 11.
Stair. W. L. Pattison. 1,471,569; Oct. 23.
Stair construction. A. Fischer. 1,446,454; Feb. 27.
Stair construction. P. Frisch. 1,457,515; June 5.
Stair construction. W. J. Korber. 1,467,900; Sept. 11.
Stair construction. V. E. Rudloff. 1,474,850; Nov. 20.
Stair platform and landing. A. J. Hall. 1,478,277; Dec. 18.
Stair, Portable. J. L. Ballenger. 1,475,777; Nov. 27.
Stair unit, Slipproof. A. Boniface. 1,458,681; June 12.
Stairway elevator. C. C. Crispen. 1,473,813; Nov. 13.
Stalk-cutter attachment. E. M. Carlson. 1,449,494; Mar. 27.
Stamp affixer. A. Golden. 1,470,438; Oct. 9.
Stamp-affixing device. N. Miller. 1,459,636; June 19.
Stamp and forming the same. G. A. Gardham. 1,470,354; Oct. 9.
Stamp and making the same. J. Irving and A. J. Rison. 1,467,110; Sept. 4.
Stamp, Band dating. M. Sheras. 1,463,340; July 31.
Stamp container. L. Cox. 1,462,535; July 24.
Stamp, Dating. M. Sheras. 1,465,741; Aug. 21.
Stamp frame, Hand-. W. A. Force, jr. 1,457,697; June 5.
Stamp, Hand. C. S. Stevenson. 1,446,671; Feb. 27.
Stamp-hinge applicator. H. A. Peters. 1,443,090; Jan. 23.
Stamp-inking pad. W. Bell. 1,455,472; May 15.
Stamp, Marking. F. E. Smith. 1,472,282; Oct. 30.
Stamp mount and index. E. D. Gudgel and M. M. Corey. 1,462,200; July 17.
Stamp pad. W. K. Munson. 1,463,718; July 31.
Stamp-pad box. C. C. Harris. 1,448,213; Mar. 13.
Stamp-pad box. C. C. Harris. Re15,702; Oct. 23.
Stamp, Steel. A. E. Olson. 1,475,136; Nov. 20.
Stamp, Stencil hand. G. T. Pritchard. 1,468,512; Sept. 18.
Stamp, Time. P. Mansel. 1,477,972; Dec. 18.
Stamp, Time. W. H. Thompson. 1,457,410; June 5.
Stamp, Trading. H. D. Adamy. Des. 63,063; Oct. 2.
Stamped materials, Apparatus for oiling. W. L. Pulson. 1,469,695; Oct. 2.
Stamping apparatus, Measurement-. H. Thun. 1,474,098; Nov. 13.
Stamping device. J. Ertel. 1,473,026; Nov. 6.
Stamping machine, Leather-. O. Halvorsen and A. H. Johnson. 1,452,421; Apr. 17.
Stamping press. H. Engau. 1,444,373; Feb. 6.
Stamping rollers, Apparatus for supplying color to vertical. K. P. Gottschalk. 1,465,078; Aug. 14.
Stamps, labels, or sealing strips to packages, Machine for applying. G. W. Gwinn. 1,456,307; May 22.
Stanchion. G. L. Goodridge. 1,465,126; Aug. 14.
Stanchion. J. Scaletti. 1,465,183; Aug. 14.
Stanchion. R. W. Stevenson. 1,441,891; Jan. 9.
Stanchion, Animal. A. H. Neller. 1,451,402; Apr. 10.
Stanchion lock. R. Minshull. 1,446,198–9; Feb. 20.
Stanchion-securing means, Lower-. R. F. Rasmussen. 1,459,928; June 26.
Stanchions, Alignment device for cow. E. L. Johnson. 1,472,175; Oct. 30.

Stand: *See*—

Automobile workstand.
Barrel stand.
Bathtub stand.
Bicycle stand.
Bur stand.
Collapsible stand.
Desk stand.
Detector stand.
Display stand.
Distributor stand.
Drawing stand.
Engine-supporting stand.
Flower stand.
Folding or collapsible supporting stand.
Garbage-receptacle stand.
Garment-display stand.
Hose stand.
Janitor's stand.
Lamp stand.
Laundry stand.
Motor stand.
Motor-repair stand.
Paper-drinking-cup stand.
Power stand.
Railway-switch stand.
Reading stand.
Receptacle stand.
Removable sadiron stand.
Repair stand.
Rim stand.
Serving stand.
Sewing stand.
Shoe-last stand.
Shoe-shine stand.
Switch stand.
Tank stand.
Telephone stand.
Tool-supporting stand.
Tree-holding stand.
Umbrella stand.
Xylophone stand.

Stand. G. A. Nilson. 1,444,936; Feb. 13.
Stand and binder and method of use, Combined. C. R. Fargo. 1,453,065; Apr. 24.
Stand or desk, Reading. J. H. Russell. 1,475,889; Nov. 27.
Stand with permanent base, Portable grand. D. L. Christopher. 1,477,242; Dec. 11.
Stands, Attachment for music. S. H. Stephenson. 1,458,083; June 5.
Staple. S. Kosienski. 1,466,533; Aug. 28.
Staple. T. H. Wetz and A. A. Evans. 1,478,932; Dec. 25.
Staple-driving machine. J. S. Hotchkiss. 1,478,858; Dec. 25.
Staple-driving machine. J. Muth. 1,450,109; Mar. 27.
Staple-driving machinery. J. Muth. 1,461,137; July 10.
Staple making and driving machine. C. B. Woodaman. 1,444,489; Feb. 6.
Staple-pulling implement. R. L. Wadleigh. 1,474,569; Nov. 20.

Alphabetical list of inventions—Continued.

Staple-setting implement. A. D. Tibbals. 1,446,107; Feb. 20.
Staple strip. F. Polzer. 1,465,783; Aug. 21.
Stapling device. W. Höhn. 1,463,890; Aug. 7.
Stapling machine. A. M. Anderson. 1,441,474; Jan. 9
Stapling machine. E. E. Claussen and J. C. Hammer. 1,442,857; Jan. 23.
Stapling machine. P. B. Eytchison. 1,459,020; June 19.
Stapling machine. R. J. Holzhausen. 1,441,683; Jan. 9.
Stapling machine, Multiple-. H. B. Walter. 1,449,641; Mar. 27.
Stapling machine, Multiple. H. B. Walter. 1,458,161; June 12.
Stapling machines and the like, Cushion cap for. L. Obstfeld. 1,459,924; June 26.
Staples, Producing. W. W. Bailey. 1,443,828; Jan. 30.
Star identification protractor. J. J. McCracken. 1,460,387; July 3.
Star namer. C. W. Compton. 1,462,323; July 17.
Starch and sulphuric acid, Preparation of. J. A. Lloyd 1,455,630; May 15.
Starch composition, Preparation of sulphuric acid. W. H. Stokes. 1,455,679; May 15.
Starch, Manufacture of modified. L. Weiss. 1,474,129; Nov. 13.
Start and stop mechanism. C. F. Stoddard. 1,449,354; Mar. 20.
Starter and ignition switch, Combination. F. C. Brennan. 1,446,413; Feb. 20.
Starter can, Adjustable. C. J. Westergaard. 1,444,090; Feb. 6.
Starters, Lockout for automatic. R. Varley. 1,457,917; June 5.
Starting and generating system. W. A. Turbayne. 1,468,056; Sept. 18.
Starting and lighting system. F. Allison. 1,478,196; Dec. 18.
Starting and stopping mechanism. W. Arter. 1,445,283; Feb. 13.
Starting and stopping mechanism. F. Ashworth. 1,444,021; Feb. 6.
Starting and stopping mechanism. J. S. Wentworth. 1,453,298; May 1.
Starting apparatus, Internal-combustion-motor. S. Jencick. 1,448,926; Mar. 20.
Starting device. R. C. Frohock. 1,453,868; May 1.
Starting, stopping, and driving machinery, Means for. E. J. Welffens. 1,459,759; June 26.
Starting switch. D. M. Bliss. 1,442,517; Jan. 16.
Starting switch. J. Galamb. 1,459,051; June 19.
Starting switch. C. F. Gilchrist. 1,443,074; Jan. 23.
Starting switch. H. L. Van Valkenburg. 1,470,896; Oct. 16.
Stateroom, drawing room, and similar compartment. W. Bleistein. 1,441,909; Jan. 9.
Static-potential-controlling apparatus. R. M. Gilson. 1,449,987; Mar. 27.
Station for subterraneous passageways, Safety. G. M. Lowe. 1,456,808; May 29.
Station indicator. S. Majka and P. Borowsky. 1,457,378; June 5.
Station indicator. J. C. Wood. 1,453,330; May 1.
Station indicator. J. C. Wood. 1,473,752; Nov. 13.
Station, Liquid-dispensing. P. A. P. V. Mauclère. 1,460,389; July 3.
Station platforms, Railway guard for. W. H. Banks. 1,448,327; Mar. 13.
Station selector. O. K. Bakken. 1,452,903; Apr. 24.
Station stop device. W. F. Barnard. 1,452,022; Apr. 17.
Stationery. J. J. Reinhold. 1,441,601; Jan. 9.
Stations or stands, Supply device for filling. C. A. Russell, jr. 1,458,852; June 12.
Statuette. D. Abbott. Des. 61,748; Jan. 2.
Statuette. W. Danson. Des. 62,253; Apr. 24.
Statuette. Y. T. Goodwin. Des. 62,721; July 24.
Statuette. D. J. Morton. Des. 62,230; Apr. 17.
Statuette. D. A. Wechsler. Des. 63,012; Sept. 4.
Statuette, crucifix, or similar article of manufacture, Religious. D. I. Hayes. Des. 61,912; Feb. 6.
Statuette, incense burner, or similar article. E. M. Viquesney. Des. 62,349; May 8.
Stave mold, Multiple-. J. W. Warren. 1,456,411; May 22.
Stave-planing machine. H. O. Olsen and O. Nilsen. 1,441,369; Jan. 9.
Stave, Ventilated. H. B. Jones. Re. 15,516; Jan. 2.
Staves, Mold for corncrib. A. Hemphill. 1,458,054; June 5.
Stay bolt. W. Zwilling. 1,466,686; Sept. 4.
Stay-bolt construction, Flexible. R. S. Mennie. 1,455,645; May 15.
Stay-bolt for steam boilers. A. F. Pitkin. 1,469,688; Oct. 2.
Stay-bolt structure. E. I. Dodds. 1,467,359; Sept. 11.
Stay-bolt structure. E. I. Dodds. 1,472,387; Oct. 30.
Stay-bolt structure. E. I. Dodds. 1,475,474; Nov. 27.
Stay-bolt structure. J. R. Flannery and E. I. Dodds. 1,455,837; May 22.
Stay-bolt structure. J. R. Flannery and E. I. Dodds. 1,472,389; Oct. 30.
Stay-bolt tap. F. O. Wells. 1,478,414; Dec. 25.
Stay bolts, Making. J. R. Flannery. 1,472,390; Oct. 30.
Stay or tab applying machine. C. H. Nitsch, W. A. Weightman, and W. H. Streeper. 1,451,782; Apr. 17.
Staying machine, Box-. M. B. Diskin. 1,446,549; Feb. 27.
Steak and chop cutter. T. J. Yount. 1,465,923; Aug. 21.
Steam-actuated ejector. R. N. Ehrhart. 1,444,539; Feb. 6.
Steam and cinders, Means for treating. F. L. McGahan. 1,441,864; Jan. 9.
Steam and hot-water boiler, Electric. N. R. Forssblad. Re15,710; Oct. 30.
Steam and water boiler. C. F. Bachler. 1,463,455; July 31.
Steam board. W. W. Nobiensky. 1,461,930; July 17.
Steam boiler. J. S. Andrews. 1,459,648; June 19.
Steam boiler. A. L. Brueggeman. 1,472,045; Oct. 30.
Steam boiler. D. S. Jacobus. 1,472,474; Oct. 30.
Steam boiler. D. S. Jacobus. 1,470,744; Oct. 16.
Steam boiler. D. S. Jacobus and J. Wolf. 1,470,006; Oct. 9.
Steam boiler. E. Kidwell. 1,442,433; Jan. 16.
Steam boiler. W. Nakagawa. 1,462,763; July 24.
Steam boiler. I. Todd. 1,459,807; June 26.
Steam boiler, Electric. W. L. Merrill and H. A. Winne. 1,462,350; July 17.
Steam-boiler furnace. J. J. Bridgeford. 1,456,119; May 22.
Steam boilers, Flow-controlling means for. T. H. McGraw, jr. 1,469,389; Oct. 2.
Steam boilers, Setting of. G. H. Bowden. 1,476,236; Dec. 4.
Steam chest and balance slide valve therefor. H. P. Robinson. 1,470,193; Oct. 9.
Steam, compressed air and gases of all kinds, Separating apparatus for. O. Loss. 1,442,689; Jan. 16.
Steam deflector. F. B. Church. 1,477,996; Dec. 18.
Steam device, Face. A. E. Clark. 1,464,645; Aug. 14.
Steam-driven machinery, Condenser for. R. O. Stearns and D. E. McGraw. 1,473,449; Nov. 6.
Steam-ejector apparatus. M. Leblanc. 1,461,447; July 10.
Steam ejectors, Exhaust arrangement for. M. Leblanc. 1,475,441; Nov. 27.
Steam engine, Rotary. E. Ericsson. 1,451,653; Apr. 10.
Steam generator. G. A. Bussac. 1,450,838; Apr. 3.
Steam generator. B. J. N. Marden. 1,475,589; Nov. 27.
Steam-generator fitting. J. C. Parker. 1,463,658; July 31.
Steam-generator furnace, Vertical. H. Cruse. 1,450,489; Apr. 3.
Steam injector, Exhaust-. R. D. and J. C. Metcalfe. 1,442,532; Jan. 16.
Steam, Means for reutilizing. F. L. McGahan. 1,453,687; May 1.
Steam, Method of and means for the production and use of. R. W. Barton. 1,450,405; Apr. 3.
Steam packing. H. B. Lee. 1,458,489; June 12.
Steam ring. S. Clifford. 1,453,378; May 1.
Steam superheater. A. Cotton. 1,463,547; July 31.
Steam superheater. C. B. Forward. 1,466,278; Aug. 28.
Steam thawing apparatus. P. A. Weigert. 1,443,329; Jan. 23.
Steam trap. R. Carlstedt. 1,460,746; July 3.
Steam trap. J. C. F. Long. 1,448,972; Mar. 20.
Steam trap. J. Morehead. 1,462,144; July 17.
Steam trap. J. Rae. 1,447,102; Feb. 27.
Steam trap. C. Stickle. 1,468,178; Sept. 18.
Steam trap. C. E. Vance and C. S. McClelland. 1,441,046; Jan. 2.
Steam trap, Automatic. G. W. Collin. 1,455,021; May 15.
Steam-withdrawal installations, Pressure-regulating device for intermediate. R. Bosselmann. 1,464,596; Aug. 14.
Steaming and pressing machine, Garment. C. R. Lendle. 1,446,571; Feb. 27.
Steel. C. Cumings. 1,449,657; Mar. 27.
Steel, Apparatus for the production of. C. de Thal. 1,460,231; June 26.
Steel as an article of manufacture, Forgeable. L. P. Burrows. 1,459,570; June 19.
Steel, Cleaning and surfacing sheet. S. M. Noyes and S. Peacock. 1,440,619; Jan. 2.
Steel free from tungsten, High-speed. W. L. E. Eilender. 1,448,288; Mar. 13.
Steel in hardening, Fused salt bath for heating. R. S. Dean. 1,454,214; May 8.
Steel-joist machine. H. M. Naugle and A. J. Townsend. 1,472,771; Oct. 30.
Steel-joist manufacture. H. M. Naugle and A. J. Townsend. 1,472,770; Oct. 30.
Steel-joist manufacture. H. M. Naugle and A. J. Townsend. 1,472,772; Oct. 30.
Steel, Making high-speed. W. B. Brookfield. 1,446,153; Feb. 20.
Steel manufacture. F. J. Griffiths and D. N. A. Blacet. 1,471,655; Oct. 23.
Steel, Melting and deoxidizing. A. E. Greene. 1,449,319; Mar. 20.
Steel or iron bars, tubes, shafts, rock drills, and the like, Manufacture of hollow. R. A. Bedford. 1,455,856; May 22.
Steel or metal into ingot or like molds, Pouring or teeming of molten. H. H. Hosack. 1,474,261; Nov. 13.

Steel peb. H. L. Beaver. 1,453,120; Apr. 24.
Steel, Producing. J. T. Jones. 1,466,301; Aug. 28.
Steel, Producing stainless. F. D. Carney. 1,444,062; Feb. 6.
Steel, Production of basic. R. Bauret. 1,459,712; June 26.
Steel, Production of basic. R. Bauret. 1,464,634; Aug. 14.
Steel puller. W. Hoskin. 1,472,524; Oct. 30.
Steel sash connection. M. Zeman. 1,453,822; May 1.
Steel-wool-making machine. A. J. Roth. 1,462,181; July 17.
Steels, Reconditioning. R. S. Hannaford. 1,442,337; Jan. 16.
Steering and transmission mechanism. W. Turnbull. 1,474,742; Nov. 20.
Steering apparatus, Automatic. E. E. Winkley. 1,478,195; Dec. 18.
Steering apparatus, Motor-vehicle. J. W. Sumner. 1,467,208; Sept. 4.
Steering apparatus, Ship. P. A. Johnson. 1,467,982; Sept. 11.
Steering arm. R. L. Garrett and J. L. Goolsby. 1,477,168; Dec. 11.
Steering arrangement for motor and other road vehicles. A. E. Parnacott. 1,446,431; Feb. 20.
Steering attachment for sleds. W. I. Rogers. 1,459,263; June 19.
Steering-column support. W. F. Harrington. 1,478,389; Dec. 25.
Steering device. C. M. Case. 1,466,612; Aug. 28.
Steering device. G. P. Dorris. 1,476,956; Dec. 11.
Steering device, Auxiliary. P. W. Johnson. 1,468,448; Sept. 18.
Steering element for the handle bars of vehicles, Auxiliary. M. Ershkowitz. 1,448,921; Mar. 20.
Steering gear. G. A. Bilgere. 1,476,870; Dec. 11.
Steering gear. P. S. Bauer. 1,478,013; Dec. 18.
Steering gear. R. Huff. 1,443,685; June 30.
Steering gear. A. T. Kasley. 1,468,236; Sept. 18.
Steering gear. F. W. Seeck. 1,449,351; Mar. 20.
Steering gear. C. R. Short. 1,444,563; Feb. 6.
Steering gear. N. C. Woodin. 1,443,779; Jan. 30.
Steering-gear-centering device. J. P. Field. 1,441,148; Jan. 2.
Steering gear, Differential. H. B. Ross. 1,472,940; Nov. 6.
Steering gear for steamships. J. T. Shaw, C. A. Weymouth, and B. H. Pearson. 1,455,151; May 15.
Steering gear, Hydraulic. D. E. Ross. 1,442,540; Jan. 16.
Steering-gear lock. C. L. Mutrix. 1,471,409; Oct. 23.
Steering-gear replacement. C. H. Kirby. 1,458,581; June 12
Steering-gear stop device. J. Rowe. 1,452,985; Apr. 24.
Steering-gear support. E. H. Belden. 1,474,103; Nov. 13.
Steering gear, Vehicle. J. Froelich. 1,476,068; Dec. 4.
Steering gears, road-shock-regulating device for. D. E. Ross. 1,447,042; Feb. 27.
Steering kunckles and other parts of vehicles, Means for lubricating. F. H. Gleason. Re15,715; Nov. 6.
Steering mechanism. E. R. Fell. 1,471,553; Oct. 23.
Steering mechanism. A. J. Lavoie. 1,442,161; Jan. 16.
Steering mechanism. A. P. Lee. 1,446,756; Feb. 27.
Steering mechanism. H. C. V. Poulsen. 1,476,104; Dec. 4.
Steering-mechanism equalizer. E. E. Cannon. 1,447,757; Mar. 6.
Steering mechanism for portable trucks. C. H. Weber. 1,446,140; Feb. 20.
Steering mechanism for self-propelled vehicles. S. H. Hunt. 1,474,527; Nov. 20.
Steering mechanism for tractors, Differential. O. C. Hansen. 1,448,117; Mar. 13.
Steering mechanism for vehicles. C. H. Young. 1,473,691; Nov. 13.
Steering mechanism, Power. J. W. Sumner. 1,467,209; Sept. 4.
Steering-mechanism-stabilizing device. W. D. Richardson. 1,452,656; Apr. 24.
Steering mechanism, Vehicle. L. C. Vanderlip. 1,455,941; May 22.
Steering-post lock. C. F. Kettering. 1,464,908; Aug. 14.
Steering-rod connection. E. J. Gulick. 1,451,040; Apr. 10.
Steering-stabilizing device. J. Hoffman. 1,457,975; June 5.
Steering tongue. J. B. Hathaway and A. R. McDiarmid. 1,469,834; Oct. 9.
Steering wheel. F. L. Cantrall. 1,476,145; Dec. 4.
Steering wheel. C. A. Donaldson. 1,459,090; June 19.
Steering wheel mechanism. A. E. Bronson. 1,475,928; Dec. 4.
Steering wheel. C. W. Johnson. 1,470,623; Oct. 16.
Steering wheel. J. B. La Pierre. 1,448,132; Mar. 13.
Steering wheel. G. Potchernick. 1,468,324; Sept. 18.
Steering wheel. W. C. Rastetter. 1,453,808; May 1.
Steering wheel. W. C. Rastetter. 1,476,543; Dec. 4.
Steering wheel. H. E. Sheller. 1,447,048; Feb. 27.
Steering wheel. S. A. Snell. 1,452,534; Apr. 24.
Steering wheel. E. C. Stenberg. 1,477,727; Dec. 18.
Steering wheel. E. H. Vincent. 1,459,040; June 19.
Steering wheel. J. Vons. 1,470,784; Oct. 16.
Steering wheel. H. S. Williams. 1,444,294; Feb. 6.
Steering wheel and forming the same. G. D. Rose. 1,474,167; Nov. 13.
Steering wheel and lock, Turning. C. E. Frederickson. 1,457,733; June 5.
Steering wheel and manufacture. E. W. Schafer. 1,474,644; Nov. 20.
Steering-wheel attachment. E. W. A. Holtz. 1,446,304; Feb. 20.
Steering wheel, Auto. T. Parker. 1,477,001; Dec. 11.
Steering-wheel brake. A. P. Brush. 1,470,803; Oct. 16.
Steering-wheel casings, Sealing shell for. C. P. Sattler. 1,442,975; Jan. 23.
Steering wheel, Composite. J. S. Kinney. 1,466,235; Aug. 28.
Steering-wheel construction. W. C. Rastetter. 1,476,544; Dec. 4.
Steering-wheel construction. W. C. Rastetter. 1,476,673; Dec. 4.
Steering-wheel cover. W. F. Ridge. 1,453,181; Apr. 24.
Steering-wheel driving mechanism. A. E. Osborn. 1,476,173; Dec. 4.
Steering wheel, Folding. F. B. Merritt. 1,459,957; June 26.
Steering wheel for automobiles. J. Berlien. 1,464,635; Aug. 14.
Steering-wheel lock. O. Anderson. 1,445,866; Feb. 20.
Steering-wheel lock. F. E. Bauermeister. 1,454,663; May 8.
Steering-wheel lock. J. G. Gongopolos. 1,450,073; Mar. 27.
Steering-wheel lock. G. L. Lukens. 1,469,655; Oct. 2.
Steering-wheel lock. A. E. Miller. 1,447,099; Feb. 27.
Steering-wheel lock, Auto. P. L. Manlet. 1,444,977; Feb. 13.
Steering-wheel lock for motor vehicles. W. G. Fording. 1,464,175; Aug. 7.
Steering wheel, Lockable and tiltable. E. H. Vincent. 1,445,053; Feb. 13.
Steering-wheel-locking mechanism. H. H. Lampert. 1,443,958; Feb. 6.
Steering wheel, Mounting. J. N. Richards, W. H. Westman, and A. D. Westman. 1,463,487; July 31.
Steering-wheel switch control. E. J. Martel. 1,470,237; Oct. 9.
Steering wheel, Tiltable and quick-detachable. W. H. Appleby. 1,444,898; Feb. 13.
Steering wheel, Tilting. P. S. Bauer. 1,459,493; June 19.
Steering wheel, Tilting. V. W. Pagé. 1,453,990; May 1.
Steering wheel, Tilting and locking. E. H. Vincent. 1,476,742; Dec. 11.
Steering wheel, Tilting locking. E. N. Pagelsen. Re15,587; May 1.
Steering wheel, Tilting locking. E. H. Vincent. 1,449,563; Mar. 27.
Steering wheel with laminated hub, Wooden. O. K. Snyder. 1,469,194; Sept. 25.
Steering wheels, Brake-actuating mechanism for. E. J. W. Ragsdale. 1,469,484; Oct. 2.
Steering wheels, Cover for. W. F. Ridge. 1,446,628; Feb. 27.
Steering wheels, Cushion grip for. W. C. Skiles. 1,472,689; Oct. 30.
Steering wheels, Making. H. E. Sheller. 1,475,602: Nov. 27.
Steering wheels, Tilting and locking device for. R. S. Busby. 1,451,458; Apr. 10.
Steering wheels, Tilting and locking device for. R. S. Busby. 1,457,722; June 5.
Stem stripper. F. Minami. 1,459,598; June 19.
Stencil. G. J. Evans. 1,451,816–7; Apr. 17.
Stencil and making and using the same. H. D. Kem. 1,478,745; Dec. 25.
Stencil and marking brush, Fountain. W. C. Marsh. 1,477,578; Dec. 18.
Stencil-cutting machine. G. Remnsnider. 1,471,204; Oct. 16.
Stencil hand stamp. G. T. Pritchard. 1,445,447; Feb. 13.
Stencil making. S. Elliott. 1,461,867; July 17.
Stencil-printing machine. H. W. Hahn. 1,468,384; Sept. 18.
Stenciling device. G. J. Evans. 1,477,479; Dec. 11.
Stenciling machine. C. W. Dibble and M. Phillips. 1,470,962; Oct. 16.
Stencils or analogous articles, Mechanism for feeding. W. E. Pedrick. 1,448,314; Mar. 13.
Step, Folding. S. Koeberlin. 1,473,858; Nov. 13.
Step, Safety-appliance. J. H. Harrison and M. Walker. 1,474,257; Nov. 13.
Stepladder. S. Field. 1,463,649; July 31.
Stepladder. C. W. Krathwohl. 1,460,252; June 26.
Stepladder. C. W. Krathwohl. 1,474,266; Nov. 13.
Stepladder. S. A. McGaw. 1,459,918; June 26.
Stepladder. A. L. Rogers. 1,473,443; Nov. 6.
Stepladder. R. W. Shannon and C. E. Sanders. 1,478,617; Dec. 25.
Stepladder and ironing board, Combined. P. Schneider. 1,464,629; Aug. 14.
Stepladder and scaffold, Combined. F. Folliard. 1,474,250; Nov. 13.
Stepladder and stool, Combination. F. L. Griffin. 1,471,155; Oct. 16.

Alphabetical list of inventions—Continued.

Stepladder, Collapsible. L. Simonich. 1,463,023; July 24.
Stepladder, Extension. V. Saccone. 1,441,529; Jan. 9.
Stepladder, Walking. C. Anlauf. 1,467,245; Sept. 4.
Stereoautograph. W. Sander. 1,477,082; Dec. 11.
Stereopticon device. W. H. C. Dudley. 1,452,797; Apr. 24.
Stereoscope. M. Girsdansky. 1,440,457; Jan. 2.
Stereoscopic telemeter. O. Eppenstein. 1,450,915; Apr. 10.
Stereotype plates, Machine for casting. C. Winkler. 1,478,935; Dec. 25.
Stereotype printing plate. H. A. W. Wood. 1,477,620; Dec. 18.
Stereotype printing plate, Tubular. H. A. W. Wood. 1,477,619; Dec. 18.
Stereotype printing plates, Machine for operating upon. A. A. Henzi. 1,467,790; Sept. 11.
Stereotyping metal, Melting pot particularly for. C. Winkler. 1,447,111; Feb. 27.
Sterilizer. F. W. Smith. 1,471,670; Oct. 23.
Sterilizer and irrigator. T. E. Caron and D. M. Raiche. 1,470,145; Oct. 9.
Sterilizer and seed drier. C. B. Ginn. 1,449,280; Mar. 20.
Sterilizing apparatus. V. L. Emerson. 1,440,868; Jan. 2.
Sterilizing apparatus. O. H. Hansen. 1,478,221; Dec. 18.
Sterilizing apparatus. O. H. Hansen. 1,478,223; Dec. 18.
Sterilizing apparatus, Can-. R. Seggerman. 1,460,514; July 3.
Sterilizing container. G. M. Gross. 1,462,334; July 17.
Stethoscope. J. A. Rayder. 1,445,711; Feb. 20.
Stethoscope, Engineer's. R. B. Foord. 1,466,825; Sept. 4.
Stick, Transformable walking. R. A. Breul. 1,475,740; Nov. 27.
Stile-horning machine. J. T. Williams. 1,476,666; Dec. 4.
Still. J. M. Mahoney. 1,455,642; May 15.
Still. H. C. P. Weber. 1,451,603; Apr. 10.
Still, Cooling. T. L. Watkeys. 1,476,744; Dec. 11.
Still, Oil. P. Heffler. 1,463,698; July 31.
Stippling surfaces. C. G. Hampson. 1,449,856; Mar. 27.
Stirring apparatus. F. de Dietrich. 1,464,150; Aug. 7.
Stirring device. S. H. Gibson. 1,443,738; Jan. 30.
Stitcher wheel and guard. J. W. Dirkson and L. E. Clough. 1,469,753; Oct. 2.
Stitches, Forming concealed. R. R. Hughes, jr. 1,442,807; Jan. 23.
Stitching machine. G. P. Baumann. 1,462,898; July 24.
Stitching-machine guard. T. C. Guseman. 1,456,548; May 29.
Stitching machine, Outsole-. C. C. Blake. 1,443,724; Jan. 30.
Stitching machine, Sheet-. U. Bischof. 1,440,369; Jan. 2.
Stitching mechanism. L. Sartore. 1,462,521; July 24.
Stock-cutting apparatus. F. J. MacDonald. 1,469,325; Oct. 2.
Stock-cutting machine. E. E. Winkley. 1,454,877; May 15.
Stock-cutting machine. E. E. Winkley. 1,472,108; Oct. 30.
Stock, Drinking fountain for. J. W. Unger and H. Lahaun. 1,458,450; June 12.
Stock feeding and watering device. F. Scheppmann. 1,441,886; Jan. 9.
Stock fountain, Automatic. J. H. Artman. 1,461,744; July 17.
Stock guard. J. E. Glass. 1,443,256; Jan. 23.
Stock-record and sales-accounting system. T. B. Hope. 1,476,819; Dec. 11.
Stock-tank heater. A. L. Steinke. 1,463,099; July 24.
Stock waterer. C. L. Cruzen and C. E. Gay. 1,459,142; June 19.
Stock waterer. T. Ritchie. 1,477,447; Dec. 11.
Stock waterer. H. Ternes. 1,452,325; Apr. 17.
Stock waterer. W. P. Turner. 1,477,467; Dec. 11.
Stock-watering apparatus. F. L. Morgan. 1,476,095; Dec. 4.
Stock-watering system. W. Mitchell and H. R. King. 1,475,403; Nov. 27.
Stocking. W. D. Butz. Des. 62,043; Mar. 6.
Stocking. R. C. Groh. Des. 62,904; Aug. 21.
Stocking. A. Junker. 1,459,590; June 19.
Stocking. E. Lepow. 1,452,517; Apr. 24.
Stocking. C. Loven. 1,452,302; Apr. 17.
Stocking. R. Schletter. Des. 63,272; Nov. 13.
Stocking. W. Scott, jr. Des. 62,435; May 29.
Stocking and making same. G. P. Bosworth. 1,476,042–3; Dec. 4.
Stocking and making same, Seamless. W. H. Carter. 1,460,477; July 3.
Stocking board. H. Coulston. 1,475,753; Nov. 27.
Stocking form. C. T. Griffith. 1,466,504; Aug. 28.
Stocking protector. M. W. Holcomb. 1,464,530; Aug. 14.
Stockings, Making. J. Hadfield, jr. 1,444,684; Feb. 6.
Stockings, Making. R. H. Lawson. 1,467,549; Sept. 11.
Stockings, socks, or the like to suspenders, Means for attaching. H. Dahms. 1,472,327; Oct. 30.
Stoker. M. Alpern. 1,443,202; Jan. 23.
Stoker. E. Fitts. 1,440,728; Jan. 2.
Stoker. E. E. Jones. 1,442,668; Jan. 16.
Stoker. E. R. Stone. 1,468,760; Sept. 25.
Stoker. G. H. Thacher, jr. 1,453,482–3; May 1.
Stoker, Automatic. K. F. Juengling. 1,452,081; Apr. 17.
Stoker, Automatic. O. O. Nygaard. 1,441,293; Jan. 9.
Stoker, Automatic. A. Ousdahl. 1,472,280; Oct. 30.
Stoker, Automatic. L. R. Stowe. 1,463,300–1; July 31.
Stoker-controlling mechanism. V. V. Veenschoten. 1,457,564; June 5.
Stoker, Furnace. H. D. Gross. 1,450,851; Apr. 3.
Stoker furnace. H. A. Poppenhusen. 1,461,450; July 10.
Stoker furnace. J. H. Roach. 1,466,562; Aug. 28.
Stoker, Furnace. R. S. Riley. 1,452,706; Apr. 24.
Stoker grate. G. W. Edwards. 1,463,157; July 31.
Stoker grate. G. H. Thacher, jr. 1,453,484; May 1.
Stoker, Hand. F. C. Stimmel. 1,460,618; July 3.
Stoker hoppers, Agitator for. O. C. Sheldon. 1,444,888; Feb. 13.
Stoker, Locomotive. N. M. Lower. 1,455,058; May 15.
Stoker, Mechanical. J. M. Porter. 1,442,295; Jan. 16.
Stoker, Mechanical. J. S. Stogdale. 1,475,361; Nov. 27.
Stoker, Mechanical. K. Usui. 1,466,978; Sept. 4.
Stoker, Mechanical. W. R. Wood. 1,460,997; July 3.
Stoker mechanism. M. P. Laughlin. 1,441,097; Jan. 2.
Stoker mechanism, Locomotive-engine. W. T. Hanna. 1,445,275; Feb. 13.
Stoker rams, Hydraulic drive for. C. L. Howse. 1,460,586; July 3.
Stoker, Underfeed. J. A. Flemings. 1,475,624; Nov. 27.
Stoker, Underfeed. R. A. Foresman. 1,450,586; Apr. 3.
Stoker, Underfeed. R. S. Riley. 1,463,337; July 31.
Stoker, Underfeed. P. E. Smith. 1,453,892; May 1.
Stokers, Agitator for mechanical. H. G. Burrill. 1,451,141; Apr. 10.
Stokers, Feed gate for automatic. E. L. Brown, jr. 1,455,041; May 15.
Stokers, Fuel hopper for automatic. J. D. Campbell. 1,472,427; Oct. 30.
Stokers, Spring-pawl drive for. J. W. Rohrer. 1,442,003; Jan. 9.
Stoking mechanism. G. J. Hagan. 1,478,515; Dec. 25.
Stoking structure, Fuel-. E. L. Barnes. 1,469,172; Sept. 25.
Stone and like working machine. K. R. Haerting. 1,458,097; June 5.
Stone and other material, Machine for spreading crushed. W. O. and J. R. King. 1,468,303; Sept. 18.
Stone, cement, or the like, Manufacture of artificial. H. Berry. 1,456,667; May 29.
Stone-cutting wheel. E. A. Chase. 1,455,477; May 15
Stone-dressing machine. K. M. Trowbridge. 1,441,311; Jan. 9.
Stone furniture, etc., Mold forms in pairs of combinative assembled forms for making of artificial. C. F. Straus-baugh. 1,456,947; May 29.
Stone-gathering machine. J. Bugla. 1,454,668; May 8.
Stone-gathering machine. F. W. Shaw. 1,442,979; Jan. 23.
Stone, Paving. T. Ito. 1,456,259; May 22.
Stone picker. T. Ortmann. 1,478,142; Dec. 18.
Stone spreader. F. E. Arndt. 1,454,308; May 8.
Stone spreader. J. L. Fike. 1,470,157; Oct. 9.
Stone-surfacing machine. F. J. Gould. 1,452,113; Apr. 17.
Stone-suspension device. J. E. Malkin. 1,460,388; July 3.
Stool. R. Wardle. 1,449,023; Mar. 20.
Stool and hat hook, Restaurant. G. A. Cook. 1,473,016; Nov. 6.
Stool, Collapsible. E. Alexander. 1,477,233; Dec. 11.
Stool, Collapsible. A. W. Waderlow. 1,448,171; Mar. 13.
Stool construction. R. R. Jones. 1,445,516; Feb. 13.
Stool, Foldable. R. P. Mead and R. B. Thompson. 1,451,047; Apr. 10.
Stool, Foldable. S. Zsikay. 1,456,840; May 29.
Stool, Kneeling. B. Denny and M. Kaufman. 1,457,567; June 5.
Stool, Knockdown. A. L. Boggs. 1,467,830; Sept. 11.
Stool, Milking. H. E. Luebker. 1,452,303; Apr. 17.
Stool or chair, Folding. C. J. Koenig. 1,477,652; Dec. 18.
Stools and other furniture, Base for. H. C. Willson. 1,453,650; May 1.
Stop and direction indicator. S. Gazse. 1,478,606; Dec. 25.
Stop and turn signal. Y. Honda. 1,455,001; May 15.
Stop block. J. Johnson. 1,477,500; Dec. 11.
Stop cock. R. M. Manning. 1,450,861; Apr. 3.
Stopcock or valve. B. and W. Butler. 1,471,825; Oct. 23.
Stopcock remover. C. K. Swift. 1,453,895; May 1.
Stopcocks, Safety lock for. E. W. Leech, jr. 1,473,774–5; Nov. 13.
Stop for machinery, Safety. J. W. Thropp. 1,447,105; Feb. 27.
Stop mechanism. L. E. Baker. 1,471,995; Oct. 23.
Stop mechanism. H. J. Boe and B. J. Egert. 1,459,435; June 19.
Stop mechanism. J. B. Burton. 1,452,357; Apr. 17.
Stop mechanism. A. B. Fowler. 1,477,699; Dec. 18.
Stop mechanism. A. R. Havener. 1,451,728; Apr. 17.
Stop mechanism. E. E. Winkley. 1,448,649; Mar. 13.
Stop mechanism, Automatic. J. and D. F. Touch. 1,449,708; Mar. 27.
Stop motion. C. H. T. Hagelstein. 1,461,876; July 17.
Stop motion. J. Kiewicz. 1,466,402; Aug. 28.
Stop motion. K. Sloat. 1,471,292; Oct. 16.

Stop motion. V. Wante. 1,450,931; Apr. 10.
Stop record, Automatic. J. W. Whalen. 1,463,235; July 31.
Stop, Safety. J. Roberts. 1,443,042; Jan. 23.
Stop-signal device. J. Geier. 1,465,260; Aug. 21.
Stopper: *See*—
Boiler-tube stopper. Receptacle stopper.
Bottle stopper. Swab stopper.
Expansible stopper. Vitreous stopper.
Flue stopper.
Stopper. M. Combs. 1,478,891; Dec. 25.
Stopper. C. J. Cross. 1,464,646; Aug. 14.
Stopper. M. W. Powell. 1,453,601; May 1.
Stopper. J. L. Wentz. 1,455,978; May 22.
Stopper and strainer, Combined. C. A. Renholdt. 1,442,361; Jan. 16.
Stopping and restarting mechanism. H. D. Colman. 1,446,451; Feb. 27.
Stopping mechanism, Automatic. L. Y. Squibb. 1,477,295; Dec. 11.
Storage and delivery apparatus, Trapdoor for. L. Charlier. 1,461,411; July 10.
Storage and reclaiming plant. A. F. Case. 1,464,747; Aug. 14.
Storage battery. J. M. Allen. 1,474,313; Nov. 13.
Storage battery. E. Anderson. 1,458,377; June 12.
Storage battery. T. R. Cook. 1,467,707; Sept. 11.
Storage battery. N. B. Laing and F. C. Rindfish. 1,450,889; Apr. 3.
Storage battery. S. M. Meyer and W. James. 1,475,503; Nov. 27.
Storage battery. J. D. Mintz. 1,460,072; June 26.
Storage battery. V. C. Stanley. 1,466,674; Sept. 4.
Storage battery. H. C. Thompson, jr. 1,468,051; Sept. 18.
Storage battery. W. H. Thorpe. 1,451,347–8; Apr. 10.
Storage battery. W. H. Thorpe. 1,454,571; May 8.
Storage battery. W. H. Wood. 1,451,003; Apr. 10.
Storage-battery-cell top. A. O. Garrett, C. E. Funnell, and W. L. Hoffman. 1,474,523; Nov. 20.
Storage-battery circuits. R. L. Young. 1,468,096; Sept. 18.
Storage-battery construction. W. P. Loudon. 1,449,825; Mar. 27.
Storage-battery filler. C. Burkhard. 1,471,238; Oct. 16.
Storage-battery filler. J. D. Sartakoff. 1,471,362; Oct. 23.
Storage-battery grids, Making. W. E. Holland and J. M. Skinner. 1,447,781; Mar. 6.
Storage-battery practice. C. C. Carpenter. 1,468,259; Sept. 18.
Storage-battery system. R. H. Sullivan. 1,469,736; Oct. 2.
Storage bin. J. P. Case. 1,463,307; July 31.
Storage bin, Ventilating. F. Morton. 1,474,683; Nov. 20.
Storage-compartment closure. F. Meyer. 1,453,402; May 1.
Storage structure. D. Knapp. 1,449,232; Mar. 20.
Storage tank. O. S. Flath. 1,459,327; June 19.
Storage tank, Portable air-. C. C. Carek. 1,422,789; Apr. 24.
Storage vessel. J. M. Falls. 1,467,719; Sept. 11.
Store apparatus. E. E. Smith. 1,475,149; Nov. 20.
Store directory, Self-service-. O. Stavig. 1,462,390; July 17.
Store display room. J. M. England. 1,455,114; May 15.
Store fixtures, Curtain suitable for use in. D. J. Seaman. 1,463,598; July 31.
Store for a building having limited floor space, Self-service. J. H. Carroll. 1,474,106; Nov. 13.
Store front. M. Weingarten. Des. 62,011; Feb. 27.
Store-front construction. D. J. Murnane. 1,462,211; July 17.
Storeroom for perishable goods, Silent sales. A. J. Schwartz. 1,446,215; Feb. 20.
Store, Self-service. M. R. Hutchison. 1,477,492; Dec. 11.
Store, Self-service. A. W. B. Johnson. 1,450,086; Mar. 27.
Store, Self-serving. L. N. Anderson. 1,461,374; July 10.
Store, Self-serving. G. C. Greene, T. O. Tune, and R. E. Stamps. 1,450,803; Apr. 3.
Store, Serve-self motor. E. J. Greene. 1,473,850; Nov. 13.
Store shelf. B. K. Traylor. 1,444,758; Feb. 6.
Stores, Monorail system for. M. R. Hutchison. 1,477,495; Dec. 11.
Storm-sash holder. A. W. Palm. 1,465,679; Aug. 21.
Storm shield. J. Bauer. 1,472,287; Oct. 30.
Storm shield. C. F. Green. 1,454,585; May 8.
Stove. O. R. Aikman. 1,465,202; Aug. 14.
Stove. I. T. Black. 1,473,666; Nov. 13.
Stove. W. T. Croslen. 1,441,531; Jan. 9.
Stove. I. Danhel. 1,468,859; Sept. 25.
Stove. L. C. Dannreuther. 1,457,506; June 5.
Stove. H. Funke. 1,460,374; July 3.
Stove. R. Futral. 1,463,315; July 31.
Stove. E. G. Germer. 1,447,945; Mar. 6.
Stove. E. Germer. 1,449,665; Mar. 27.
Stove. C. H. Hoffstetter. 1,451,071; Apr. 10.
Stove. F. P. Holloway. 1,457,660; June 5.
Stove. M. Klein. 1,472,178; Oct. 30.
Stove. K. Lüske and A. and P. Moussong. 1,450,978; Apr. 10.
Stove. E. E. Mason. 1,475,849; Nov. 27.
Stove. S. P. Massey. 1,461,065; July 10.
Stove. R. R. Roemer. 1,467,815; Sept. 11.
Stove. E. R. Stephens. 1,459,559; June 19.
Stove. A. Streda. 1,445,459; Feb. 13.
Stove. T. A. Taylor and A. J. Yeager. Des. 62,115; Mar. 27.
Stove. C. C. Tozier. 1,469,463; Oct. 2.
Stove and cabinet, Kitchenette. J. E. Leonard. 1,475,587; Nov. 27.
Stove and furnace. R. L. Poe. 1,445,799; Feb. 20.
Stove and furnace, Slack-burning. R. E. Jones. 1,456,380; May 22.
Stove and furnace, Slack-burning. R. E. Jones. 1,465,442; Aug. 21.
Stove and grill, Combined. J. Higham. 1,454,385; May 8.
Stove and humidifier, Combined. G. A. Kreutzer and K. L. Long. 1,472,396; Oct. 30.
Stove and radiator therefor, Heating. A. L. Zwisler. 1,477,681; Dec. 18.
Stove and the like. S. S. Thomas. 1,444,013; Feb. 6.
Stove and the like, Vapor. J. R. Eriksson. 1,440,725; Jan. 2.
Stove attachment. J. B. Gaj. 1,464,986; Aug. 14.
Stove attachment. M. R. Harding. 1,475,115; Nov. 20.
Stove, Barbecue. J. Bond. 1,463,935; Aug. 7.
Stove-base construction. A. G. Sherman. 1,468,752; Sept. 25.
Stove, Blue-flame oil. M. A. Possons and A. J. Blackford. 1,441,880; Jan. 9.
Stove burner, Gas-. N. L. Baker. 1,444,770; Feb. 13.
Stove, Camp. D. C. Dyer. 1,442,763; Jan. 16.
Stove, Camp. F. W. Kohl. 1,477,831; Dec. 18.
Stove, Camp. C. A. Moore. 1,468,165; Sept. 18.
Stove, Camp. W. C. O'Kane. 1,448,148; Mar. 13.
Stove, Camp. J. A. Oliver. 1,472,668; Oct. 30.
Stove, Camp. M. Rotstein and R. Nicholson. 1,464,271; Aug. 7.
Stove, Camp. H. L. Rouse. 1,466,343; Aug. 28.
Stove, Collapsible. N. H. Smith. 1,473,523; Nov. 6.
Stove, Combination gas and electric. J. T. Templeton. 1,475,608; Nov. 27.
Stove, Combined wood and coal burning. J. Howard. 1,450,039; Mar. 27.
Stove construction. H. A. Ahrens and H. B. Hiteshew. 1,440,431; Jan. 2.
Stove construction. R. Hoffman. 1,453,710; May 1.
Stove construction. A. Meadows. 1,468,737; Sept. 25.
Stove, Cook. R. Hoffman. 1,473,704; Nov. 13.
Stove, Cooking. J. E. Chambers. 1,469,890; Oct. 9.
Stove, Cooking. F. V. Detwiler. 1,444,733; Feb. 6.
Stove, Cooking. J. D. Jackson. 1,455,292; May 15.
Stove, Cooking. M. A. Keller. 1,458,981; June 19.
Stove, Cooking and heating. E. Hopkins. 1,468,300; Sept. 18.
Stove cover. F. L. Robertson. 1,461,856; July 17.
Stove, Domestic heating. H. L. Doherty. 1,458,279; June 12.
Stove door. W. L. Mersfelder. 1,475,236; Nov. 27.
Stove-door frame and hinge therefor. F. G. Nicolaus and J. Roy. 1,455,732; May 15.
Stove, Electric. W. R. Williamson. 1,459,868; June 26.
Stove, Fireless. G. A. Taylor. 1,463,563; July 31.
Stove fixture or door hanger. A. Meadows. 1,468,735; Sept. 25.
Stove, Folding. C. M. Bates. 1,466,463; Aug. 28.
Stove, Folding cook. M. Sussman. 1,456,474; May 22.
Stove frame. R. Hoffman. 1,449,404; Mar. 27.
Stove, Gas. H. C. Crouse. Des. 61,894; Feb. 6.
Stove, Gas. H. R. Humphrey. 1,449,182; Mar. 20.
Stove, Gas. J. P. Lane. 1,477,505; Dec. 11.
Stove, Gas. L. S. Lawson. Des. 62,955; Aug. 28.
Stove, Gas. S. I. Pedigo. 1,476,269; Dec. 4.
Stove, Gas. J. H. Sattler. 1,462,661; July 24.
Stove, Gasoline. A. Grasso. 1,466,396; Aug. 28.
Stove, Heating. C. S. Knowles. 1,478,662; Dec. 25.
Stove, Heating. C. L. Taylor. 1,458,668; June 12.
Stove, Hot-blast. F. E. Kling. 1,461,357; July 10.
Stove, Hot-blast. G. E. Steudel. 1,464,115; Aug. 7.
Stove, Laundry. J. H. Miller and G. Pohl. 1,458,537; June 12.
Stove leg. R. Hoffman. 1,472,418; Oct. 30.
Stove lid and burner, Combination. H. Lange. 1,443,480; Jan. 30.
Stove-lid lifter. C. Szalai. 1,451,238; Apr. 10.
Stove lifter. S. R. Rogers. 1,475,883; Nov. 27.
Stove, Liquid-fuel. L. S. Chadwick. 1,448,333; Mar. 13.
Stove, Odorless oil-burning heating. B. Ivor. 1,465,043; Aug. 14.
Stove, Oil. R. Hoffman. 1,468,783; Sept. 25.
Stove, Oil. R. Hoffman. 1,469,789; Oct. 9.
Stove, Oil. R. Hoffman. 1,470,738; Oct. 16.
Stove, Oil. R. Hoffman. 1,473,819; Nov. 13.
Stove, Oil. W. C. Lindemann. 1,460,258; June 26.
Stove, Oil cooking. W. M. Simpson. 1,463,976; Aug. 7.
Stove or furnace attachment. F. R. Doane. 1,470,601; Oct. 16.
Stove-oven adapter. H. J. Trenkamp. 1,443,511; Jan. 30.
Stove-oven superstructure. M. C. Reck. Des. 62,017; Feb. 27.
Stovepipe. J. T. Hildebrand. 1,460,021; June 26.
Stovepipe, Adjustable lock-joint. B. B. Hall and R. B. Roberts. 1,447,949; Mar. 6.

Stovepipe anchor. G. J. Lambert. 1,473,728; Nov. 13.
Stovepipe anchor and lock. P. O. Wilkins. 1,447,829; Mar. 6.
Stovepipe anchor, flue thimble, and flue stopper. H. B. Sparks. 1,469,970; Oct. 9.
Stovepipe brace. E. E. Tucker. 1,442,749; Jan. 16.
Stovepipe coupling. X. Junge. 1,460,910; July 3.
Stovepipe draft appliance. T. J. Feely. 1,442,561; Jan. 16.
Stovepipe fastener. H. J. Le Compte. 1,451,043; Apr. 10.
Stovepipe fastener. H. J. Walrad. 1,447,109; Feb. 27.
Stovepipe lock. T. N. Goffe. 1,461,773; July 17.
Stovepipe lock. B. Leach. 1,460,255; June 26.
Stovepipe-reducing joint. M. Ludwig. 1,455,027; May 15.
Stovepipe sections, Means for connecting. J. E. Cowel. 1,441,967; Jan. 9.
Stove, Pocket. H. W. Allport. 1,475,163; Nov. 27.
Stove, Portable. I. C. Popper. 1,458,544; June 12.
Stove, Portable. C. O. Sheldon. 1,468,421; Sept. 18.
Stove, Rotary toaster. G. B. Griffin. 1,477,343; Dec. 11.
Stove, Sectional. E. A. Wetzel. 1,451,246; Apr. 10.
Stove, Sheet-metal heating. J. Herbst. 1,470,365; Oct. 9.
Stove, Takedown camp. A. W. Steen. 1,474,646; Nov. 20.
Stove, Thermoelectric heat-accumulating cooking. S. Sacerdote and S. Cristiani. 1,478,919; Dec. 25.
Stove top. C. E. Johnson. 1,459,210; June 19.
Stove top and shelf construction. A. G. Sherman. 1,468,753; Sept. 25.
Stove-top construction. E. V. Coulston. 1,478,470; Dec. 25.
Stove trimming. A. G. Sherman. 1,468,751; Sept. 25
Stove, Vapor. E. C. Moats. 1,448,900; Mar. 20.
Stove, Vapor. J. E. Sanders. 1,450,870; Apr. 3.
Stove with reflecting base, Gas. G. L. Dixon. 1,441,667; Jan. 9.
Stoves and furnaces, Grate attachment for. R. O. Durst 1,455,721; May 15.
Stoves and ranges, Fuel-saving device for domestic. A. Mansfield. 1,456,898; May 29.
Stoves, Attachment for. R. E. Campbell. 1,467,754; Sept. 11.
Stoves, Attachment to gas. G. Fall. 1,453,665; May 1.
Stoves, Heat retaining and conducting attachment for burner. M. May. 1,467,868; Sept. 11.
Stoves, Grid for gas and oil. H. Kielberg. 1,442,074; Jan. 16.
Stoves, Hot-water attachment for. O. Evenson. 1,452,368; Apr. 17.
Stoves, Multiple-hole top for burner. E. W. Rogers. 1,457,188; May 29.
Stoves, Oil burner for. W. H. Bozarth. 1,453,908; May 1.
Stoves, Oil burner for. W. E. Huenefeld. 1,458,414; June 12.
Stoves, ranges, and the like, Lighter for. S. J. Shuha. 1,440,896; Jan. 2.
Stoves, Safety attachment for gas. M. J. Sindler and J. Schloss. 1,442,008; Jan. 9.
Stoves, Safety device for hot-blast. H. P. Howland and F. A. Wiley. 1,452,297; Apr. 17.
Stoves, Substructure for. W. W. Holloway and H. Kielberg. 1,455,053; May 15.
Stoves, Wick for oil. C. King. 1,455,212; May 15.
Straightedge device. L. Rudersdorf. 1,441,715; Jan. 9.
Straightening press. F. S. Jones. 1,450,373; Apr. 3.
Strain clamp. T. H. Barnard. 1,460,567; July 3.
Strain clamp. W. Schaake. 1,443,595; Jan. 30.
Strain-releasing mechanism. A. Pestel. 1,449,054; Mar. 20.
Strainer. F. T. Bentley. 1,460,308; June 26.
Strainer. D. Byers. 1,458,464; June 12.
Strainer. J. H. Crary. 1,463,067; July 24.
Strainer. C. H. Sturgis. 1,471,293; Oct. 16.
Strainer-cloth clamp. V. E. Dow. 1,451,206; Apr. 10.
Strainer, Fluid. A. Olin. 1,459,925; June 26.
Strainer, Outlet. C. Appelhoff. 1,467,772; Sept. 11.
Strainer, Sink. H. Dalitz. 1,452,494; Apr. 24.
Strainer support, Adjustable. W. P. and P. A. Heisner. 1,463,394; July 31.
Strainer, Tea and coffee. C. Apothéloz. 1,478,628; Dec. 25.
Strainer, Tomato. J. Choppa. 1,451,534; Apr. 10.
Strand twister. A. J. Draper. 1,467,539; Sept. 11.
Strap: *See*—
Automobile top stay strap. Shoulder strap.
Halter strap.
Strap retainer, Shoulder-. C. W. Stocker. 1,478,773; Dec. 25.
Strap-tightener tool. L. Campbell. 1,463,870; Aug. 7.
Strap wrench. W. A. Ellison. 1,478,110; Dec. 18.
Strapping apparatus. H. C. Rasmussen and J. Kellner. 1,440,627; Jan. 2.
Straps and applying same to articles, Method and apparatus for forming. F. J. MacDonald. 1,451,167; Apr. 10.
Straps, Machine for forming lug. C. H. Peirson and W. A. Bohue. 1,455,654; May 15.
Straw, Drinking. H. Pick. 1,466,185; Aug. 28.
Straw, Machine for treating flax. K. Wessel. 1,447,449; Mar. 6.
Straw salting and fertilizing. W. G. Paton. 1,454,558; May 8.
Straw spreader. H. C. Wallace. 1,448,644; Mar. 13.
Stream-flow-controlling instrumentality. V. Hajek. 1,455,586; May 15.
Stream improvement. R. H. Thornton. 1,475,461; Nov. 27.
Street-cleaning machine. W. N. Koger. 1,463,707; July 31.
Street indicator. W. M. Flewelling. 1,457,732; June 5.
Street indicator. W. Guier. 1,445,585; Feb. 13.
Street indicator. J. R. Hume. 1,453,463; May 1.
Street indicator. A. Lebreton and E. Talbot. 1,460,854; July 3.
Street indicator. W. A. and S. Wilson. 1,45,467; May 15.
Street safety zone. G. E. Healy. 1,452,875; Apr. 24.
Street-sweeping apparatus. R. W. Baughman. 1,447,336; Mar. 6.
Stretcher, Folding stocking. H. A. Berendsen. 1,465,205; Aug. 14.
Stretching and clamping device, Fabric. J. E. Donoho. 1,466,523; Aug. 28.
Stretching device. K. Stahl. 1,454,298; May 8.
Stretching tool. A. G. G. Guenther. 1,453,564; May 1.
String and like fastener. W. A. Mather and J. Smithies. 1,442,531; Jan. 16.
String holder and advertising device, Combination. R. H. Biggs. 1,451,251; Apr. 10.
String instrument. M. Selbach. 1,448,710; Mar. 13.
String instruments, Bow for. C. E. Matha. 1,476,163; Dec. 4.
String or cord and making the same, Unwoven. R. B. Respess. 1,449,912; Mar. 27.
String tip. C. O. Kruger. 1,449,331; Mar. 20.
Stringed instruments, Attachment for. E. S. Tanquary. 1,461,636; July 10.
Stringed instruments, Pick for. P. M. Rudesyle. 1,461,070; July 10.
Strip, Coin-freed apparatus for delivering parts from a. H. Brooker. 1,445,478; Feb. 13.
Strip, Decorated elastic. E. T. Rosso. 1,444,391; Feb. 6.
Strip-forming apparatus, Marking attachment for. S. C. Lowe. 1,454,058; May 8.
Strip-forming mechanism. A. H. Hedly. 1,476,967; Dec. 11.
Strip-serving machine. S. B. Emmert. 1,442,058; Jan. 16.
Stripper wheel. J. Duvall. 1,474,583; Nov. 20.
Stripping bar. E. W. Davis. 1,475,371; Nov. 27.
Stripping machine. E. E. Winkley. 1,442,205; Jan. 16.
Strips, Means for supporting nailing. N. F. Ambursen. 1,466,264; Aug. 28.
Strips of material, Forming folded. A. M. Barrett. 1,455,061; May 15.
Stroboscopic apparatus. A. J. H. Elverson. 1,454,713; May 8.
Stropper: *See*—
Razor stropper. Razor-blade stropper.
Stropper. F. Mossberg. 1,441,536; Jan. 9.
Stropper, Razor-blade. G. H. Rein. 1,474,290; Nov. 13.
Stropping device. G. W. Walton. 1,469,468; Oct. 2.
Stropping machine. R. P. Cummings. 1,476,151; Dec. 4.
Stropping machine. C. E. Smith. 1,451,789; Apr. 17.
Stropping machines, Blade holder for. C. E. Smith. 1,451,790; Apr. 17.
Structural element. L. T. Frederick. 1,473,842; Nov. 13.
Structural element. W. M. Janpole. 1,476,078; Dec. 4.
Structural element and making the same. R. Kemp. 1,469,220; Oct. 2.
Structural members, Machine for straightening. A. J. and W. A. Bates. 1,465,408; Aug. 21.
Structural shape. T. Higgins. 1,457,303; June 5.
Structure and block thereof, Cylindrical. F. and I. Le Cocq. 1,462,605; July 24.
Structure, Collapsible. S. White. 1,456,478; May 22.
Structure, Composite. G. W. Riddle. 1,453,996; May 1.
Structure, Composite laminated. H. M. Atwood and G. B. Bains, 3d. 1,448,180; Mar. 13.
Structure, Foldable. J. D. Macdonald. 1,453,567; May 1.
Structure, Portable. C. H. Wetzel. 1,458,866; June 12.
Structures, Block and panel for knockdown. J. d'A. d'Erville. 1,441,970; Jan. 9.
Structures centrifugally, Machine for making. H. Conradi. 1,465,297; Aug. 21.
Structures, Load-supporting connection for wheeled. O. L. Adams. 1,452,135; Apr. 17.
Structures, Means for connecting the parts of. G. L. Kelley. 1,447,725; Mar. 6.
Structures, Mold for poured. I. Diamond. 1,471,387; Oct. 23.
Strut, Composite. R. Kemp. 1,477,361; Dec. 11.
Stucco-mixing machine. E. H. Pipe. 1,452,702; Apr. 24.
Stucco, plaster, and the like, Base for. A. Packard. 1,466,805; Sept. 4.
Stud and eyelet fastening device. G. H. Elwell. 1,444,867; Feb. 13.
Stud, Press. A. Assorati. 1,465,571; Aug. 21.
Studdings. C. J. McElheny. 1,446,916; Feb. 27.
Stud-forming machine, Duplex. O. A. Smith and G. J. Leber. 1,464,956; Aug. 14.
Stuffer. C. W. Hottmann. 1,442,150; Jan. 16.
Stuffing box. H. O. Jackson. 1,470,621; Oct. 16.

Stuffing box and the like. E. W. and M. J. Kavanaugh. 1,450,421; Apr. 3.
Stuffing box, Automatic. A. L. Rea. 1,467,877; Sept. 11.
Stuffing machine. O. C. Schmidt. 1,465,655; Aug. 21.
Stuffing machine, Newspaper-. S. Halvorsen. 1,441,278; Jan. 9.
Stump burner. J. R. Matthews. 1,440,741; Jan. 2.
Stump puller. V. L. Holt. 1,467,161; Sept. 4.
Stump puller, Two-speed power. K. Evertz. 1,456,872; May 29.
Stump remover. B. J. Steen and W. O. Martin. 1,460,617; July 3.
Stump removing and clearing machine, Cutter head for. S. L. Hurd. 1,467,430; Sept. 11.
Stump sock. N. H. Smith. 1,461,987; July 17.
Stumps, Removing. J. Yegen. 1,463,916; Aug. 7.
Stylographic pens, Combined clip and cleaner for. S. J. Soltesz. 1,442,365; Jan. 16.
Stylus. W. S. Zaayer. 1,444,147; Feb. 6.
Stylus-bar mounting. I. Lauter and F. G. Hoppe. 1,473,707; Nov. 13.
Stylus levers, Mounting for. G. W. Slight. 1,459,695; June 19.
Stylus mounting. T. A. Edison. 1,456,687; May 29.
Subgrader attachment. T. L. Avery. 1,447,503; Mar. 6.
Subgraders, Scarifier attachment for. T. L. Avery. 1,447,504; Mar. 6.
Subgrading machine. C. J. Hug. 1,473,372; Nov. 6.
Sublimating apparatus. R. M. Cole. 1,445,870; Feb. 20.
Sublimation apparatus. L. L. Jackson. 1,446,564; Feb. 27.
Sublimation, Machine used for the process of. E. Q. Adams. 1,470,950; Oct. 16.
Sublimation process. C. R. Downs. 1,464,844; Aug. 14.
Submarine mine. J. H. Hammond, jr. 1,473,148; Nov. 6.
Submarine mine. W. F. Palmer. 1,471,628; Oct. 23.
Submarine signal transmitters, Diaphragm for. W. Kunze. 1,446,569; Feb. 27.
Submarine signaling. C. R. Moore. 1,461,220; July 10.
Submarine signals, Directional receiving of. R. A. Fessenden, R. L. Williams, and E. C. Wood. 1,472,558; Oct. 30.
Submerged objects, Detection of. E. Benson. 1,473,332; Nov. 6.
Subsink and subsink strainer. A. Scott. 1,449,300; Mar. 20.
Substances from nonaqueous media, Removing destructive. M. J. Marshall and G. S. Shaw. 1,450,982; Apr. 10.
Substation, Automatic. F. C. Hanker. 1,460,156; June 26.
Succinic acid, Making. J. F. Norris and E. O. Cummings. 1,457,791; June 5.
Sucker-rod-connecting means. E. J. Shaffer. 1,452,937; Apr. 24.
Sucker-rod coupling. R. E. Cox. 1,471,106; Oct. 16.
Sucker-rod elevator and wrench. B. Rose. 1,473,684: Nov. 13.
Sucker-rod-elevating device. P. G. Kildow. 1,451,700; Apr. 17.
Sucker-rod hanger. S. E. Arey and J. J. Hern. 1,440,712; Jan. 2.
Sucker-rod joint. G. Adams. 1,446,144; Feb. 20.
Sucker-rod remover. E. Pace. 1,475,861; Nov. 27.
Sucker-rod slip socket. E. J. Shaffer. 1,451,275; Apr. 10.
Suction cleaner. A. C. Bennett. 1,461,173; July 10.
Suction cleaner. D. H. Friend. 1,448,397; Mar. 13.
Suction cleaner. H. W. Hoover. 1,448,349; Mar. 13.
Suction cleaner. H. E. Hoover. 1,449,003; Mar. 20.
Suction cleaner. H. E. Hoover. 1,460,245; June 26.
Suction cleaner. E. A. Peterson. 1,465,285; Aug. 21.
Suction-cleaner attachment. H. E. Hoover. 1,462,575; July 24.
Suction cleaning tool. A. B. Marshall. 1,446,854; Feb. 27.
Suction cleaners, Brush-adjusting device for. F. M. Case. 1,462,568; July 24.
Suction muffler. A. J. Charlton. 1,445,934. Feb. 20.
Suction pipes to tanks and other receptacles, Device for connecting. W. C. Shanley. 1,449,786; Mar. 27.
Suction separator. R. T. Meyer. 1,448,671; Mar. 13.
Sugar bowl. C. L. Sebring. Des. 63,331; Nov. 20.
Sugar-cane mills, Maceration distributor for. W. G. Hall. 1,461,272; July 10.
Sugar centrifugals, Method and apparatus for controlling. F. H. Jones. 1,475,121; Nov. 20.
Sugar, Crystallization of. E. Delafond. 1,476,153; Dec. 4.
Sugar-dispensing receptacle. W. A. McIntyre. 1,474,275; Nov. 13.
Sugar-feeding machine. C. C. Reese, J. T. Buzzo, and R. S. Woodford. 1,450,423; Apr. 3.
Sugar fondant, Apparatus for making. F. Kubeš. 1,471,697; Oct. 23.
Sugar from sugar-cane mud, Recovery of. E. Delafond. 1,476,152; Dec. 4.
Sugar, Making grape. W. B. Newkirk. 1,471,347; Oct. 23.
Sugar or the like, Apparatus for compressing. A. Letort and L. Chambon. 1,468,242; Sept. 18.
Sugar-packing machine, Lump-. G. Iacobitti. 1,472,395; Oct. 30.
Sugar, Preparing. J. Carr and A. B. Bradley. 1,454,153; May 8.
Sugar refining and manufacturing. R. D. Elliott. 1,476,242; Dec. 4.
Sugar sacker, Automatic. E. H. Moraine. 1,469,673; Oct. 2.
Sugar-washing and water-measuring device. W. W. Hartman. 1,456,270; May 22.
Suit box and hanger. H. A. Lang. 1,448,629; Mar. 13.
Suit boxes, Carrier for. S. Schuman. 1,462,831; July 24.
Suitcase. H. S. B. Critchley. 1,471,385; Oct. 23.
Suitcase, bag, or similar article. M. and H. W. Axelman. Des. 63,167; Oct. 30.
Suitcase table. F. M. Stoll. 1,445,566; Feb. 13.
Suitcases or the like, Welt for. H. Burchess. 1,464,643; Aug. 14.
Suit hanger. W. F. Wagner. Re15,628; June 19.
Suit, Sport. M. E. Heinrich. Des. 62,951; Aug. 28.
Suit, Union. W. L. Pendergrass. 1,459,986; June 26.
Suits, Embroidered sleeve panel for children's. H. Bernstein. Des. 61,819; Jan. 23.
Sulphate pulp, Treating black liquor produced in the manufacture of. G. A. Richter and D. H. McMurtrie. 1,469,960; Oct. 9.
Sulphates, Making. H. Pauling. 1,446 578; Feb. 27.
Sulphides, Decomposing. M. O. Sem. 1,473,447; Nov. 6.
Sulphides, Making metal. H. Howard and E. B. Alvord. 1,457,436; June 5.
Sulphides, Producing. A. Helvronner and P. Pipereaut. 1,443,077; Jan. 23.
Sulphite liquor, Making. G. A. Richter. 1,458,310; June 12.
Sulphite-pulp digesters, Hardening fresh linings of. C. H. Jonsson. 1,444,467; Feb. 6.
Sulpho compound and its production. E. M. Johansen. 1,477,829; Dec. 18.
Sulphur, Apparatus for manufacturing flowers of. E. Knapp, J. K. Dickerson, and F. L. Begtrup. 1,454,747; May 8.
Sulphur, Apparatus for manufacturing lime. R. Taki. 1,460,621; July 3.
Sulphur-bearing materials, etc., Roasting. M. F. Chase, F. E. Pierce, and J. Skogmark. 1,447,645; Mar. 6.
Sulphur burner. H. G. Chickering. 1,450,677; Apr. 3.
Sulphur burner. W. H. Kobbé. 1,469,645; Oct. 2.
Sulphur, Burning. H. S. Davis. 1,451,763; Apr. 17.
Sulphur, Burning. H. S. Davis. 1,455,284; May 15.
Sulphur, Burning. W. H. Kobbé. 1,469,644; Oct. 2.
Sulphur, Burning. A. T. Prentice. 1,458,001; June 5.
Sulphur chloride, Treating. J. V. Meigs. 1,464,137; Aug. 7.
Sulphur compounds, Method and apparatus for producing. I. Hechenbleikner and T. C. Oliver. 1,464,527; Aug. 14.
Sulphur dioxide, Cooling and absorbing system for. G. A. Richter and G. E. Wightman. 1,469,959; Oct. 9.
Sulphur dioxide or other materials in a fluid or gaseous condition, Apparatus for feeding. C. W. Hottmann. 1,463,818; Aug. 7.
Sulphur from spent oxide from gas plants, Extracting. A. Given. 1,478,180; Dec. 18.
Sulphur, metallic sulphides, and the like from a condition of emulsion without filtration or evaporation, Recovery of. B. Hunt. 1,446,307; Feb. 20.
Sulphur, Obtaining. R. S. Perry, P. W. Webster, and V. K. Boynton. 1,457,793; June 5.
Sulphur, Producing elemental. C. S. Fogh. 1,473,723; Nov. 13.
Sulphur, Recovery and refining of. C. S. Robinson. 1,476,645; Dec. 4.
Sulphur, Solidifying molten. R. H. Stewart. 1,454,344; May 8.
Sulphuric anhydride, Apparatus for the manufacture of. P. Audianne. 1,450,661; Apr. 3.
Sulphuric anhydride, Manufacturer of. M. F. Chase, F. E. Pierce, and J. Skogmark. 1,472,790; Nov. 6.
Sulphuric anhydride, Method of and apparatus for the manufacture of. C. H. Carey. 1,477,107; Dec. 11.
Sulphurized compound of phenols. A. Thauss and A. Günther. 1,450,463; Apr. 3.
Sundae cups from cup-stacking machines into cartons, Holder and method of transferring stacked. C. Barbieri. 1,454,261; May 8.
Sundae dish and holder and assembling the same. D. F. Curtin. Re. 15,514; Jan. 2.
Sunshade. S. J. Russell. 1,469,111; Sept. 25.
Sunshade device. D. Galvin. 1,441,495; Jan. 9.
Superheater. B. N. Broido. 1,474,065; Nov. 13.
Superheater. G. P. Dravo. 1,461,213; July 10.
Superheater. W. F. Hills and W. H. Chard. 1,452,382; Apr. 17.
Superheater. J. J. Nelis. 1,475,924; Nov. 27.
Superheater boiler. A. Cotton. 1,450,021; Mar. 27.
Superheating furnace especially for rotary-cast pipe. D. S. de Lavaud. 1,467,236; Sept. 4.
Superphosphate, Continuous process of making. H. A. Webster. 1,459,124; June 19.
Superphosphate, Making. H. A. Webster. 1,461,077; July 10.
Superphosphate process, Double. H. H. Meyers. 1,475,959; Dec. 4.
Superrefractory article, Laminated. M. T. Beecher and M. C. Booze. 1,448,684; Mar. 13.
Support. F. C. Darling. 1,441,913; Jan. 9.

Support. H. Farrington. 1,445,938; Feb. 20.
Support. H. J. Sévigny. 1,472,688; Oct. 30.
Support. C. S. West. 1,446,231; Feb. 20.
Support, Adjustable. C. A. Lindberg. 1,466,952; Sept. 4.
Support, Pneumatic. H. Seibel. 1,446,772; Feb. 27.
Support, Universal. A. Capony and F. Ziganek. 1,464,308; Aug. 7.
Supporter. E. F. Fritz. 1,472,796; Nov. 6.
Supporter. F. J. Fulton. 1,460,752; July 3.
Supporter. D. Gottlieb and L. B. Siegel. 1,444,681; Feb. 6.
Supporter. R. E. Uhl. 1,466,682; Sept. 4.
Supporting bracket. P. L. Wilbur. 1,454,662; May 8.
Supporting bracket, Adjustable. J. B. McMullen. 1,451,881; Apr. 17.
Supporting device. R. C. Kleffman. 1,459,404; June 19.
Supporting device. S. S. Matthes. 1,469,097; Sept. 25.
Supporting device. J. B. Rose. 1,461,938; July 17.
Supporting device, Collapsible. C. O. Robinson. 1,451,846; Apr. 17.
Supporting device, Flexible. O. Weingarten. 1,446,729; Feb. 27.
Supporting means suitable for use in suspension transporter arrangements and for other purposes, Flexible. A. G. M. Jack. 1,463,165; July 31.
Supporting stand, Folding or collapsible. T. Peacock. 1,443,432; Jan. 30.
Suprarenin and preparing the same, Derivatives of. C. Funk and L. Freedman. 1,472,298; Oct. 30.
Surface-dressing machine. F. Pochila. 1,470,641; Oct. 16.
Surface-finishing machine. S. K. Brown. 1,475,681; Nov. 27.
Surface indicator. M. A. Smith and S. W. Brown. 1,441,129; Jan. 2.
Surface-measuring machine, particularly intended for the measurement of leather. H. Thun. 1,465,533; Aug. 21.
Surfaces, Composition for cleaning enameled. M. M. Goldstein. 1,473,620; Nov. 13.
Surfaces, Illumination for plane. L. A. Jones. 1,441,689; Jan. 9.
Surfaces, Machine for making true plane. F. C. Weaver. 1,476,863; Dec. 11.
Surfaces moving through a fluid, Method permitting to regulate and adjust the dynamic characteristics of. G. Delage. 1,457,507; June 5.
Surface-treating machine, Motor-driven. A. A. Clarke. 1,458,874; June 12.
Surfacing machine. C. T. Adair and C. G. Frederick. 1,463,303; July 31.
Surfacing machine. J. A. Campbell. 1,460,407; July 3.
Surfacing machine. W. H. Francis. 1,454,731; May 8.
Surge-relief device. R. E. McLaughlin. 1,456,391; May 22.
Surgical and other purposes, Lighting means for. E. C. Day. 1,453,006; Apr. 24.
Surgical apparatus. W. H. Garlock. 1,452,733; Apr. 24.
Surgical appliance. S. A. Bates. 1,470,707; Oct. 16.
Surgical appliance. W. J. Cameron. 1,449,165; Mar. 20.
Surgical appliance. J. F. Rayne. 1,477,187; Dec. 11.
Surgical appliance, brace, and socket for arms and legs. R. W. Reed. 1,461,161; July 10.
Surgical baker. W. S. Edmands. 1,471,329; Oct. 23.
Surgical instrument. D. Lo Giudice. 1,453,934; May 1.
Surgical instrument. E. B. Hopper. 1,462,202; July 17.
Surgical instrument. O. H. Oesterwitz. 1,448,858; Mar. 20.
Surgical instrument. L. R. Piñeiro. 1,441,298; Jan. 9.
Surgical instrument. S. A. Van Osdel. 1,449,356; Mar. 20.
Surgical instrument for chiropodists and the like. W. Hart. 1,476,508; Dec. 4.
Surgical instruments, Universal handle for. E. C. Day. 1,470,914; Oct. 16.
Surgical ligature and means for applying the same. J. S. Gómez. 1,452,373; Apr. 17.
Surgical retractor. A. N. Bessesen, sr. 1,456,116; May 22.
Surgical snare. E. C. Day. 1,461,864; July 17.
Surgical snare and universal handle. E. C. Day. 1,461,865; July 17.
Surgical support. A. B. Cawthra. 1,474,927; Nov. 20.
Surgical suturing device. J. S. Gómez. 1,452,372; Apr. 17.
Surgical table. E. E. Cable. 1,453,062; Apr. 24.
Surgical tool. F. N. Cox. 1,467,231; Sept. 4.
Surgical truss and the like. T. Beasley. 1,473,539; Nov. 6.
Survey and solution of plane triangles in field work, Instrument for the. W. S. Moses. 1,453,078; Apr. 24.
Surveying instrument. W. H. Manning. 1,448,931; Mar. 20.
Surveying instrument. H. Totschnig. 1,467,075; Sept. 4.
Surveying instrument. F. E. Vaughan. 1,445,922; Feb. 20.
Surveying instrument, level, and the like. J. W. French. 1,448,289; Mar. 13.
Surveying instruments. G. D. Morgan. 1,468,368; Sept. 18.
Surveying, Method and instrument for. T. S. Smith. 1,443,390; Jan. 30.
Surveyor's instrument. P. B. Daylor. 1,467,424; Sept. 11.
Suspender connection to stockings. G. E. Winterhalder. 1,471,301; Oct. 16.
Suspenders. W. D. Corder. 1,465,779; Aug. 21.
Suspenders. W. L. Funk. 1,444,541; Feb. 6.
Suspenders. L. W. Grasnick. 1,471,121; Oct. 16.
Suspenders. W. M. Hueseman. 1,463,213; July 31.
Suspenders. F. C. Lee. 1,447,093; Feb. 27.
Suspenders. W. M. Potter. 1,450,303; Apr. 3.
Suspenders, Clasp, and connection therefor. A. F. Young. 1,446,867; Feb. 27.
Suspenders for children's clothes. C. E. Keller. 1,452,643; Apr. 24.
Suspenders, Loop attachment for. H. G. Baker. 1,441,476; Jan. 9.
Suspenders, Pair of. J. T. Watts. 1,442,374; Jan. 16.
Suture box. E. M. Bailey. 1,459,943; June 26.
Suture instrument. M. Donelson. 1,474,245; Nov. 13.
Suturing instrument. E. P. Bugbee. 1,449,087; Mar. 20.
Swab. W. Gehlbach. 1,468,017; Sept. 18.
Swab. J. W. McNamara. 1,446,098; Feb. 20.
Swab stopper. G. L. Harvey. 1,460,243; June 26.
Swage or dolly block. J. J. Walkowe. 1,441,316; Jan. 9.
Swaging apparatus. H. C. Hook. 1,458,294; June 12.
Swaging machine. N. T. McKee. 1,468,507; Sept. 18.
Swaging machines, Feed mechanism for. C. S. Jacobs. 1,452,740; Apr. 24.
Swaging press. K. Böhle. 1,451,756; Apr. 17.
Swatter. W. I. Croyle. 1,463,875; Aug. 7.
Swatter, Fly. H. W. and A. M. Mangold. 1,465,523; Aug. 21.
Sweatband and bandeau, Combined. L. Cohen. 1,469,996; Oct. 9.
Sweater. L. Strauss. Des. 62,225; Apr. 17.
Sweater. L. Strauss. Des. 62,354; May 15.
Sweater. L. Strauss. Des. 62,438; May 29.
Sweater suit, Child's. L. and A. Strauss. Des. 61,922; Feb. 6.
Sweep rake. M. Turk. 1,446,597; Feb. 27.
Sweeper. P. M. Armstrong and P. A. Anderson. 1,447,115; Feb. 27.
Sweeper, Combined blast and suction. C. P. Holleran. 1,463,583; July 31.
Sweeper, Lawn. J. H. Bryant. 1,448,385; Mar. 13.
Sweeper, Street. L. B. Donkers. 1,454,884; May 15.
Sweeper, Street. M. V. Liddell. 1,453,049; Apr. 24.
Sweeper, Street. E. R. Martin. 1,456,393; May 22.
Sweeper, Suction. H. E. Hoover. 1,462,574; July 24.
Sweeper, Suction. R. W. Weir. 1,446,776; Feb. 27.
Sweepers, Gutter-broom arrangement for street. E. R. Martin. 1,452,307; Apr. 17.
Sweepers, Refuse guide for street. E. R. Martin. 1,443,190; Jan. 23.
Sweeping machine, Street-. H. G. Haworth. 1,452,735; Apr. 24.
Sweetmeats, Machine for the manufacturing of. P. Zimmer. 1,465,326; Aug. 21.
Swift. E. Atwood. 1,443,336; Jan. 30.
Swift. C. H. Cowan, jr. 1,443,350; Jan. 30.
Swimmers, Breathing apparatus for. W. S. Feinberg. 1,445,010; Feb. 13.
Swimmers, Propelling device for. E. F. Rodman. 1,476,844; Dec. 11.
Swimmer's emergency aid. A. C. Caramore. 1,468,938; Sept. 25.
Swimming appliance. W. B. Hobert, jr. 1,478,959; Dec. 25.
Swimming appliance. J. Reiter. 1,448,460; Mar. 13.
Swimming appliance. P. J. Timberlake. 1,442,746; Jan. 16.
Swimming appliance. P. L. L. Yorgensen. 1,455,826; May 22.
Swimming belt and making same, Pneumatic. J. M. Welch. 1,467,463; Sept. 11.
Swimming device. W. F. Claupin. 1,452,790; Apr. 24.
Swimming device. A. Gardelis. 1,470,437; Oct. 9.
Swimming device. A. B. Kupsche. 1,457,908; June 5.
Swimming device. J. A. Lawler. 1,477,506; Dec. 11.
Swimming device. A. L. Pinkard. 1,473,514; Nov. 6.
Swimming mask. E. F. Schneidt. 1,463,926; Aug. 7.
Swimming mitt. W. A. Ruddell. 1,457,858; June 5.
Swimming-pool construction. J. F. Booraem. 1,461,026; July 10.
Swimming-pool locker construction. M. F. Hasbrouck. 1,470,567; Oct. 9.
Swimming pools and the like, Surface-drainage outlet for. A. S. Murphy. 1,442,171; Jan. 16.
Swing: *See*—
Traveling swing.
Swing. H. F. Belk. 1,472,578; Oct. 30.
Swing. J. E. Brown. 1,460,843; July 3.
Swing. E. Griesbaber. 1,458,049; June 5.
Swing. J. L. Martin. 1,462,796; July 24.
Swing attachment. H. C. Mays. 1,445,098; Feb. 13.
Swing chair, Foot-power. F. H. Kaiser. 1,468,569; Sept. 18.
Swing hanger. C. W. Birch. 1,476,038; Dec. 4.
Swing hanger, Porch-. W. P. Graves. 1,448,271; Mar. 13.
Swing, Folding. G. W. Brame. 1,463,571; July 31.
Swing joint. E. J. Malone. 1,460,105; June 26.
Swings, Bearing device for circle. W. A. Colgate. 1,477,429; Dec. 11.

Swings, Fan attachment for. H. McGrath. 1,452,385; Apr. 17.
Swings, Hanger for porch. J. A. Werner. 1,466,813; Sept. 4.
Switch boxes, Locking device for. E. J. Weaver. 1,478,930; Dec. 25.
Switch device, Speed-governing. C. C. Farmer. 1,477,215; Dec. 11.
Switch-operating mechanism. I. K. Dixon. 1,477,325; Dec. 11.
Switch plug. J. B. Downing. 1,478,207; Dec. 18.
Switch: *See*—
Alarm switch.
Antenna selector switch.
Automatic switch.
Automobile switch.
Automobile light-dimmer switch.
Break switch.
Button switch.
Combination switch.
Control switch.
Dashpot-controlled switch.
Diaphragm switch.
Door interlocking switch.
Electric switch.
Electric rotary switch.
Electric snap switch.
Electrical switch.
Electrical snap switch.
Electromagnetic switch.
Flash-light switch.
Float-operated switch.
Handlamp switch.
High-tension disconnecting switch.
Ignition switch.
Ignition and lighting switch.
Inclosed switch.
Interlocking switch.
Jack switch.
Knife switch.
Lamp switch.
Lock switch.
Locking switch.
Motor switch.
Motor-starting switch.
Oil-tank switch.
Opening switch.
Pendant-cord switch.
Permutation switch.
Piston switch.
Plug switch.
Pull switch.
Push-button switch.
Quick-break switch.
Rail switch.
Railway switch.
Reversing and control switch.
Safety switch.
Section switch.
Sequence switch.
Signal switch.
Snap switch.
Starting switch.
Telephone-exchange line switch.
Temperature-controlled switch.
Thermally-actuated electric switch.
Thermally-controlled switch.
Thermostatic switch.
Time switch.
Time-controlled switch.
Time-limit switch.
Tongue switch.
Track tongue switch.
Trolley switch.
Trolley-wire cut-out switch.
Tumbler switch.
Turn-off switch.
Unit switch.
Vehicle controlling switch.
Switch. R. B. Benjamin and E. A. Detrick. 1,447,171; Mar. 6.
Switch. H. W. Cheney. 1,450,899; Apr. 3.
Switch. N. J. Conrad. 1,469,381; Oct. 2.
Switch. A. E. Griswold. 1,460,542; July 3.
Switch. V. S. Hardey. 1,463,551; July 31.
Switch. F. Hornby. 1,454,970; May 15.
Switch. E. H. Jacobs. 1,463,320; July 31.
Switch. E. H. Jacobs. 1,475,549; Nov. 27.
Switch. H. B. Kauffman and R. J. Forman. 1,445,958; Feb. 20.
Switch. J. C. Lewis. 1,443,485; Jan. 30.
Switch. W. J. Newton. 1,470,868; Oct. 16.
Switch. H. E. Norviel. 1,467,947; Sept. 11.
Switch. L. A. M. Phelan. 1,471,199; Oct. 16.
Switch. E. K. Read. 1,464,538; Aug. 14.
Switch. R. S. Tower. 1,456,950; May 29.
Switch. C. E. Treat. 1,473,262; Nov. 6.
Switch. G. C. Werner. 1,455,763; May 15.
Switch. M. J. West. 1,460,629; July 3.
Switch-actuating device. P. Ibach. 1,471,163; Oct. 16.
Switch actuator. M. Guett. 1,450,035; Mar. 27.
Switch and burglar alarm, Combination. F. L. Krisznar. 1,472,072; Oct. 30.
Switch and connection, Selector. F. A. Lundquist. 1,475,500; Nov. 27.
Switch and fuse, Combined electric. J. G. Lundgren. 1,460,914; July 3.
Switch and housing construction therefor. C. H. Bissell. 1,440,654; Jan. 2.
Switch and overhead system. S. S. Matthes. 1,465,308; Aug. 21.
Switch box. L. Boutin. 1,454,722; May 8.
Switch box. A. E. Fohn. 1,459,502; June 19.
Switch box. G. B. Wadsworth. 1,444,858; Feb. 13.
Switch box, Safety. O. S. Jennings. 1,440,467; Jan. 2.
Switch box, Service. H. F. Holkenbrink. 1,467,109; Sept. 4.
Switch construction, Inclosed-. C. D. Platt. 1,452,814; Apr. 24.
Switch-controlling machine, Automatic-multiple. E. A. Margeson and C. D. Herrold. 1,449,619; Mar. 27.
Switch cover and support. W. J. Newton. 1,450,046; Mar. 27.
Switch device. J. Clossmann. 1,471,242; Oct. 16.
Switch device. T. H. Wright. 1,454,806; May 8.
Switch for skeet heads, Throw-off or circuit-breaking. T. F. Johnson, jr. 1,473,960; Nov. 13.
Switch interlock device. J. F. Burns. 1,443,867; Jan. 30.
Switch lock. C. Ledin. 1,466,594; Aug. 28.
Switch lock. F. T. Leilich. 1,451,366; Apr. 10.
Switch lock. J. D. Moore. 1,458,432; June 12.
Switch lock mechanism. T. G. Stiles. 1,444,986; Feb. 13.
Switch lock, Railway-. P. Comerford. 1,452,069; Apr. 17.
Switch-locking mechanism. A. Fisher. 1,446,743; Feb. 27.
Switch machine. W. K. Howe. 1,466,903; Sept. 4.
Switch mechanism. F. S. Denison. 1,458,749; June 12.
Switch mechanism. V. R. Despard. 1,468,701; Sept. 25.
Switch mechanism. L. L. Evans and G. M. Hart. 1,463,463; July 31.
Switch mechanism. D. D. Gordon. 1,473,225; Nov. 6.
Switch mechanism. C. H. Hodgkins. 1,442,066; Jan. 16.
Switch movement. D. D. Gordon. 1,473,224; Nov. 6.
Switch-operating mechanism. W. K. Rankin. 1,441,527; Jan. 9.
Switch-operating mechanism. J. Sachs. 1,444,556–7; Feb. 6.
Switch operating mechanism, Water-tight snap-. C. J. Henschel 1,449,995; Mar. 27.
Switch point. J. J. Ronders. 1,472,140; Oct. 30.
Switch point, Safety. L. M. Wentling. 1,472,708; Oct. 30.
Switch safety boxes, Lock for. B. B. White. 1,473,001; Nov. 6.
Switch stand. F. C. Anderson. 1,447,611; Mar. 6.
Switch stand, F. C. Anderson. 1,463,140; July 24.
Switch stand. R. T. Butler. 1,478,888; Dec. 25.
Switch stand. W. C. Kidd. 1,443,955; Feb. 6.
Switch stand. N. E. Salsich. 1,442,702; Jan. 16.
Switch stand, Automatic. S. Riddel. 1,461,937; July 17.
Switch support. E. J. Martel and R. G. Sanders. 1,471,496; Oct. 23.
Switch terminal. H. D. James. 1,473,856; Nov. 13.
Switch-throwing mechanism. G. Stille. 1,455,678; May 15.
Switch throws, Spring connecting rod for. W. F. Henke and C. H. Partington. 1,475,386; Nov. 27.
Switch tongue. V. Angerer. 1,466,461; Aug. 28.
Switches, Adjustable tie bar for. W. L. Walker. 1,463,984; Aug. 7.
Switches, Automatic control mechanism for electric. H. T. Patton. 1,471,859; Oct. 23.
Switches, Means for controlling electric. E. C. Gooch. 1,449,815; Mar. 27.
Switches, Operating mechanism for crossbar line. A. C. Magrath. 1,465,361; Aug. 21.
Switches, Operating mechanism for inclosed push-button. C. H. Bissell. 1,446,636; Feb. 27.
Switches, rheostats, and like electric devices, Lever arm for. J. Driessen. 1,473,838; Nov. 13.
Switches, Service box for. A. Brill. 1,472,152; Oct. 30.
Switches, Switch rod for slip. J. B. Strong. 1,459,001; June 19.
Switches, Wall bridge for. G. H. Lindelof. 1,453,017; Apr. 24.
Switching apparatus. W. M. Scott. 1,461,942; July 17.
Switching apparatus. W. M. Scott. 1,473,386; Nov. 6.
Switching device. J. M. Brown. 1,448,383; Mar. 13.
Switching device. H. A. Douglas. 1,450,253; Apr. 3.
Switching device. C. L. Lilleberg. 1,473,304; Nov. 6.
Switching device. J. B. MacNeill. 1,472,184; Oct. 30.
Switching device. J. B. Radford. 1,442,443; Jan. 16.
Switching device. E. O. Scriven. 1,462,050; July 17.
Switching device. H. B. Taylor. 1,472,503; Oct. 30.
Switching mechanism. F. A. Lundquist. 1,475,501; Nov. 27.
Switching mechanism. T. B. Ryon. 1,453,024; Apr. 24.
Switching system, Mechanical. W. T. Powell. 1,459,859; June 26.
Switchman's rod. S. Sosnoskey. 1,470,495; Oct. 9.
Swivel. W. L. Ketchum. 1,463,706; July 31.
Swivel block. H. P. Deely. 1,476,696; Dec. 11.
Swivel block. H. P. Scanlon and J. H. Schumacher. 1,468,579; Sept. 18.
Swivel bracket. W. E. Dunbar. 1,470,429; Oct. 9.
Swivel coupling. R. K. Imholz. 1,445,396; Feb. 13.
Swivel, Hydraulic. L. J. Black. 1,478,097; Dec. 18.
Swivel, Hydraulic. H. M. Harris and V. W. Zilen. 1,475,993; Dec. 4.
Swivel-plug connector. E. Dewald, sr. 1,450,172; Apr. 3.
Swivel, Trawling. J. Hanson. 1,444,876; Feb. 13.
Swivel wrench plate and hanger, Combination. C. A. Duley. 1,463,648; July 31.
Swiveled coupling. A. S. Frieze. 1,461,033; July 10.
Swiveling support. G. C. Hosch 1,457,063; May 29.
Swivels, Making. W. A. Schleicher. 1,444,559; Feb. 6.
Sword and revolver, Combined. S. Kaperzenski. 1,478,568; Dec. 25.
Synchronization, Apparatus for. H. A. Johnson. 1,478,230; Dec. 18.
Synchronizer, Breaker arm. M. D. Morris. 1,453,635; May 1.
Synchronizer, Continuous-action. R. Esnault-Pelterie. 1,457,968; June 5.
Synchronizers, Starting device for. H. Bockisch. 1,470,551; Oct. 9.
Synchronizing system. H. A. Affel. 1,450,966; Apr. 10.
Synchronous dynamo-electric machine. H. Siio. 1,470,939; Oct. 16.
Syringe. A. Bandman. 1,471,644; Oct. 23.
Syringe. W. H. Bruce. 1,450,016; Mar. 27.
Syringe. B. F. Crisenberry. 1,469,764; Oct. 2.
Syringe. M. A. Elstein. 1,467,242; Sept. 4.
Syringe. W. A. Pervier. 1,455,507; May 15.

Syringe. O. O. R. Schwidetzky. 1,456,469; May 22.
Syringe bag, Fountain-. H. H. McGee. 1,442,229; Jan. 16.
Syringe, Dental. D. J. Machol. 1,452,085; Apr. 17.
Syringe-handle-forming machine. H. N. Halversen. 1,443,470; Jan. 30.
Syringe, Hypodermic. J. A. Eberly, jr. 1,453,309; May 1.
Syringe, Hypodermic. L. L. Goold. 1,455,047; May 15.
Syringe, Hypodermic. F. L. Platt, G. N. Hein, and R. R. Impey. 1,476,103; Dec. 4.
Syringe, Hypodermic. A. E. Smith and A. D. Gray. 1,456,717; May 29.
Syringe, Hypodermic. J. A. Tessmer. 1,453,418; May 1.
Syringes, Liquid container for fountain. A. C. Crimmel. Des. 62,691; July 24.
Syringes, Making hypodermic. F. X. Nowak. 1,445,641; Feb. 20.
T rail, Composite. H. M. Lofton. 1,478,715; Dec. 25.
T square. W. A. Schenck. 1,458,152; June 12.
T-square, Combination. C. P. Ostergard. 1,448,083; Mar. 13.
Table: *See*—

Auto table.	Leaf table.
Cabinet table.	Nursery table.
Chiropractic table.	Operating table.
Code table.	Osteopathic table.
Collapsible table.	Paper-hanger's table.
Concentrating table.	Paper-sorting table.
Dining table.	Picking table.
Disappearing table.	Pool table.
Display table.	Portable table.
Douche table.	Saw frame and table.
Drawing table.	Self-serving table.
Dressing table.	Shear table.
Engine-assembly table.	Sorting table.
Extensible table.	Suitcase table.
File-cutting table.	Surgical table.
Flexible and folding table.	Tea table.
Folding table.	Tile-delivery table.
Inspection table.	Tilting table.
Instrument table.	Time table.
Ironing table.	Treatment table.
Kitchen table.	Wheel-pit drop table.
Knockdown table.	

Table. G. W. and A. E. Ballinger. 1,471,678; Oct. 23.
Table. T. C. Cameron. Des. 63,282; Nov. 20.
Table. F. A. Coady. Des. 62,564; June 26.
Table. K. B. Harvey. 1,445,395; Feb. 13.
Table. J. B. O'Neal, jr. 1,454,903; May 15.
Table. J. Peterson. Des. 63,194; Oct. 30.
Table. W. Reid. 1,473,975; Nov. 13.
Table. R. Ruffin, jr. 1,453,186; Apr. 24.
Table. A. B. Schwalbach. 1,444,042; Feb. 6.
Table. C. A. Steinus. 1,444,645; Feb. 6.
Table. G. E. Tomlinson. 1,448,642; Mar. 13.
Table. A. Wagner. 1,453,736; May 1.
Table. W. L. Whitesides. 1,442,019; Jan. 9.
Table adapted to be used as cookery cabinet. E. Patey. 1,455,506; May 15.
Table and chair, Collapsible. M. Kotun. 1,445,090; Feb. 13.
Table and chair, Combined. M. Staudohar. Des. 62,150; Mar. 27.
Table and chair structure. W. S. Phillips. 1,473,736; Nov. 13.
Table and hot-food tray, Extensible. C. Stirn. 1,464,889; Aug. 14.
Table and ironing board, Combination. W. Nelson. 1,468,728; Sept. 25.
Table and ironing board, Combined. C. J. Henderson. 1,451,508; Apr. 10.
Table and mangle, Combined. J. Pogorzelski. 1,441,879; Jan. 9.
Table and phonograph, Combination. F. Lorenzen. 1,441,439; Jan. 9.
Table and stool set, Folding camp. B. F. Orear. 1,457,041; May 29.
Table and utensil carrier, Combination camp. E. L. Calvert. 1,476,144; Dec. 4.
Table article. H. G. Norwood. 1,457,998; June 5.
Table attachment, Operating-. G. C. Taplin. 1,457,093; May 29.
Table mat. C. Laidman. Re15,708; Oct. 30.
Table mat, Heat-insulating. H. R. Koester. 1,447,667; Mar. 6.
Table pad. H. Silver. 1,458,731; June 12.
Table-reversing mechanism, Positively-actuated easy start and stop. W. F. Fraser. 1,474,469; Nov. 20.
Table-slide construction. E. H. Cook. 1,453,546; May 1.
Table top, Enameled-metal. A. E. Clarke. Des. 63,357; Nov. 27.
Table top, Extension. C. O. Braun. 1,442,464; Jan. 16.
Table-top stretcher, Metal-. O. Landaw. 1,464,910; Aug. 14.
Tables, Belt feed for picking. A. R. Stephen. 1,443,659; Jan. 30.
Tables, Flushing system for starch. A. W. H. Lenders. 1,456,243; May 22.
Tables, Motor-control system for self-serving. E. Deloatch. 1,466,890; Sept. 4.
Tablet and grave marker, Memorial. E. D. Harding. 1,455,882; May 22.
Tablet, Roll writing. J. J. Welte. 1,471,673; Oct. 23.
Tablet, Writing. E. J. Toal. 1,452,537; Apr. 24.
Tableware, Box for flat metal. C. C. Wilson. 1,451,383; Apr. 10.
Tabulating-machine counters, Friction drive for. C. D. Lake. 1,447,872; Mar. 6.
Tabulating machines, Friction drive control for. C. D. Lake. 1,447,871; Mar. 6.
Tachometer. T. C. and W. O. Prouty. 1,447,426; Mar. 6.
Tack. S. Scisorek. 1,458,856; June 12.
Tack, Clamp thumb. J. W. Hope. 1,472,471; Oct. 30.
Tack, Eyelet. J. P. Bryant. 1,462,262; July 17.
Tack-making machines, Feeding device for. G. A. Parker. 1,456,190; May 22.
Tack-pulling device. F. H. Warren. 1,461,057; July 10.
Tackle block. L. E. Fishback. 1,477,639; Dec. 18.
Tackle block. W. J. Lee. 1,449,363; Mar. 20.
Tacks, Device for inserting map. W. P. Mills. 1,461,670; July 10.
Tag. T. I. Hart. 1,452,460; Apr. 17.
Tag. L. L. Moore and F. W. Radcliffe. 1,452,250; Apr. 17.
Tag. H. H. Ordung. 1,450,816; Apr. 3.
Tag. H. F. Scott. 1,458,444; June 12.
Tag-affixing machine, Staple-. W. and F. L. Borchert. 1,442,212; Jan. 16.
Tag-affixing machine. W. and F. L. Borchert. 1,467,469; Sept. 11.
Tag and envelope sheet, Combined shipping. A. M. Ahern. 1,467,631; Sept. 11.
Tag and making the same. H. F. Scott. 1,458,445; June 12.
Tag carrier, Laundry. A. F. Hanney. 1,478,825; Dec. 25.
Tag, Duplicate. S. Penksa. 1,453,517; May 1.
Tag, Ear. W. J. Fretz. 1,478,605; Dec. 25.
Tag, Ear. E. F. Hennefer. 1,447,982; Mar. 13.
Tag holder. W. W. Dunn, jr. 1,468,198; Sept. 18.
Tag holder. A. J. Isaacsen. 1,471,485; Oct. 23.
Tag holder. F. Jez and T. Duffy. 1,476,979; Dec. 11.
Tag holder. J. L. Kolbe. 1,443,224; Jan. 23.
Tag holder. S. W. Rutherford and J. I. Taylor. 1,440,749; Jan. 2.
Tag holder for vehicles, Illuminated-license-. M. F. Kane. 1,456,736; May 29.
Tag holder, License-. R. Rose. 1,454,413; May 8.
Tag-marking machine. F. Kohnle. 1,474,782; Nov. 20.
Tag or label holder. C. Quin. 1,475,315; Nov. 27.
Tag, Price. F. Kohnle. 1,473,773; Nov. 13.
Tag-releasing device. A. F. Hanney and A. Gammell. 1,475,011; Nov. 20.
Tag, Shipping. W. G. Jopson. 1,466,173; Aug. 28.
Tags, cards, etc., Mechanism for feeding. H. C. Gammeter. 1,472,466; Oct. 30.
Tags, Manufacture of cloth. H. Kamijo. 1,447,555; Mar. 6.
Tags, Pliers for ear. A. A. Pannier. 1,474,547; Nov. 20.
Tail holder. G. Mocheff. 1,443,235; Jan. 23.
Tail light. G. S. Ellithorpe. 1,454,631; May 8.
Tail light and license marker holder, Combined. J. R. Purvis and G. H. Moses. 1,449,444; Mar. 27.
Tail light and license marker illuminator, Combined. D. Gacopetta. 1,471,554; Oct. 23.
Tailings cone. H. K. Burch. 1,468,374; Sept. 18.
Tailstock. J. J. La Ducer. 1,477,179; Dec. 11.
Take-up and adjustable roller. L. V. Fraley. 1,456,726; May 29.
Take-up device, Automatic. F. Jerdone, jr. 1,452,276; Apr. 17.
Talking and picture-exhibiting machine, Combined. J. L. Boyle. 1,448,784; Mar. 20.
Talking machine. J. Dahlquist. 1,448,336; Mar. 13.
Talking machine. J. A. Fern. 1,447,343; Mar. 6.
Talking machine. L. Fortunato. 1,442,331; Jan. 16.
Talking machine. B. E. Lane. 1,462,114; July 17.
Talking machine. B. R. Seabrook. 1,447,187; Mar. 6.
Talking-machine attachment. J. E. Christensen. 1,447,923; Mar. 6.
Talking machine, Automatic. L. G. Daniels. 1,461,111; July 10.
Talking-machine cabinet. L. Authier. 1,464,593; Aug. 14.
Talking-machine cabinet. J. F. Biggs. Des. 62,132–3; Mar. 27.
Talking-machine cabinet. A. H. Haag. 1,468,233; Sept. 18.
Talking-machine cabinet. E. T. Kieffer and W. B. Stevenson. Des. 62,910–11; Aug. 21.
Talking-machine cabinet. M. E. Lusk, jr. Des. 61,786; Jan. 9.
Talking machine cabinet. N. Tota. 1,460,289; June 26.
Talking-machine cabinet and writing desk, Combined. F. A. Alcock. 1,470,133; Oct. 9.
Talking-machine horn. G. Hamburg. 1,471,459; Oct. 23.
Talking-machine motor, Spring. E. E. Taliaferro. 1,445,652; Feb. 20.
Talking-machine motors, Supporting frame for. I. F. Burton. 1,460,406; July 3.
Talking-machine-needle holder. C. J. Ferguson. 1,475,227; Nov. 27.
Talking-machine-needle holder. H. F. Schelling. 1,454,489; May 8.
Talking machine or machines in timed relation to a cinematographic machine, Apparatus for controlling the operation of. F. E. Mosley. 1,464,329; Aug. 7.

Talking-machine records, Cabinet for. E. Blaise. 1,474,017; Nov. 13.
Talking-machine records, Cabinet for. R. O. Hammond. 1,440,873; Jan. 2.
Talking-machine records, Holder or cabinet for carrying. H. Weide. 1,461,336; July 10.
Talking-machine records, Rack for. E. W. Weyrauch. 1,476,865; Dec. 11.
Talking-machine records, Resurfacing. E. T. Hails. 1,476,507; Dec. 4.
Talking-machine reproducer. J. McQuinn. 1,449,616; Mar. 27.
Talking-machine truck. F. D. Lea. 1,465,945; Aug. 28.
Talking machines, Amplifier for. J. F. Biggs. 1,450,241; Apr. 3.
Talking machines, Amplifier for. H. H. Duchesne and P. Charuest. 1,445,500; Feb. 13.
Talking machines and making the same, Record for. V. H. Emerson. 1,444,960; Feb. 13.
Talking machines, Automatic starting and stopping attachment for disk-type. W. L. Cowen and C. A. Friend. 1,455,478; May 15.
Talking machines, Automatic stop for. W. C. Kaufman. 1,444,688; Feb. 6.
Talking machines, Automatic stop for. J. Mersman. 1,444,933; Feb. 13.
Talking machines, Automatic stop for. K. Nalbantian. 1,473,503; Nov. 6.
Talking machines, Automatic stop mechanism for. A. Ebner. 1,456,589; May 29.
Talking machines, Brush for. J. F. and W. Borst. 1,442,680; Jan. 16.
Talking machines, Brush for. J. F. and W. Borst. 1,464,405; Aug. 7.
Talking machines, Motor drive for. L. P. Valiquet. 1,465,772; Aug. 21.
Talking machines, Motor-tension indicator for. L. Schmidt. 1,448,366; Mar. 13.
Talking machines, Picture attachment for. R. A. Rummel. 1,468,547; Sept. 18.
Talking machines, Portable casing for. R. F. R. Amor. 1,461,859; July 17.
Talking machines, Record lifter for. M. Blackman. 1,464,023; Aug. 7.
Talking machines, Repeating apparatus for. G. E. Davenport. 1,444,171; Feb. 6.
Talking machines, Repeating attachment for. D. R. McVicker. 1,476,992; Dec. 11.
Talking machines, Repeating mechanism for. J. C. Hitchner. 1,478,827; Dec. 25.
Talking machines, Sound-arm coupling for. H. Hurm. 1,466,554; Aug. 28.
Talking machines, Sound reproducer for. S. J. Leveen. 1,441,862; Jan. 9.
Talking machines, Sound reproducers of. C. Scrabic. 1,476,928; Dec. 11.
Talking machines, Stop device for. E. Grieger. 1,453,131; Apr. 24.
Talking machines, Stop for. A. Subic. 1,459,640; June 19.
Talking machines, Stop for. J. C. Wood. 1,459,646; June 19.
Talking machines, Stop for disk records for. J. F. Bland. 1,447,921; Mar. 6.
Talking machines, Stylus support for. H. Hurm. 1,466,555; Aug. 28.
Talking machines, Table for. J. F. and W. Borst. 1,466,576; Aug. 28.
Talking machines, Winding indicator for. L. A. Freedman. 1,473,929-30; Nov. 13.
Tallows, oils, fats, and greases, Refining and purifying. J. W. Ruwe. 1,464,627; Aug. 14.
Tamping bars, Friction clamp for. N. A. Johnson. 1,458,764; June 12.
Tamping tool. K. Taylor. 1,452,990; Apr. 24.
Tampon packer and syringe, Combined. C. L. Tinker. 1,473,062; Nov. 6.
Tan and making same, Synthetic. S. Kohn. 1,460,422; July 3.
Tandem allotting system. A. E. Lundell. 1,456,507; May 29.

Tank: *See*—
Aseptic tank.
Ash tank.
Automobile emergency fuel tank.
Automobile vacuum-feed tank.
Carburetor vacuum tank.
Crude-oil tank.
Drier tank.
Filtering tank.
Fireproof tank.
Fish-shipping tank.
Flush tank.
Fuel tank.
Glass-melting tank.
Liquid-dispensing tank.
Metal tank.
Oil tank.
Photographic washing tank.
Septic tank.
Storage tank.
Tender tank.
Vacuum tank.
Watering tank.
Wheel and air tank.

Tank. A. S. Cooper. 1,460,999; July 3.
Tank. J. W. Kerlin. 1,453,983; May 1.
Tank. H. Logan. 1,455,796; May 22.
Tank. J. D. Pyle. 1,473,974; Nov. 13.
Tank. W. H. Starclough. 1,451,967; Apr. 17.
Tank. G. A. and A. F. Trachte. 1,443,060; Jan. 23.
Tank. W. J. Wooldridge. 1,448,023; Mar. 13.
Tank and feed-line lock, Gasoline. N. P. Whittier. 1,461,507; July 10.
Tank and making same, Porcelain. C. J. Kirk and G. Brain. 1,449,761; Mar. 27.
Tank and pipe-line coupling, Sectional-pressure. W. W. Watson. 1,447,192; Mar. 6.
Tank cap. J. F. Harwood. 1,475,183; Nov. 27.
Tank cap. J. A. Reasoner. 1,457,088; May 29.
Tank clamp. G. J. Dennis. 1,474,243; Nov. 13.
Tank closure. A. M. Yocom. 1,476,566; Dec. 4.
Tank construction. S. Diggle. 1,467,610; Sept. 11.
Tank construction. A. A. Kramer. 1,466,175; Aug. 28.
Tank couplings, Making flanged. J. J. Finnigan. 1,452,238; Apr. 17.
Tank cover, Transformer-. R. V. Bingay. 1,475,533; Nov. 27.
Tank deck, Liquid-sealed. C. R. Gallagher. 1,478,359; Dec. 18.
Tank, Developing. P. W. Smith. 1,445,046; Feb. 13.
Tank electrically heated, Small hot-water. A. Wickey. 1,477,473; Dec. 11.
Tank filler. J. M. Carr. 1,443,977; Feb. 6.
Tank filler and contents indicator. A. Stanley. 1,463,342; July 31.
Tank for powdered material, Delivery. A. J. Grindle. 1,465,665; Aug. 21.
Tank gauge. L. A. Dunajeff. 1,442,134; Jan. 16.
Tank heater. H. L. Collins. 1,458,572; June 12.
Tank heater. H. A. Friend. 1,468,561; Sept. 18.
Tank heater. H. Lockhart. 1,462,237; July 17.
Tank heaters, Draft-controlling means for. G. W. Mundie. 1,461,157; July 10.
Tank mold, Flush-. F. A. Black and F. D. Stanly. 1,476,684; Dec. 11.
Tank or other container, Self-sealing petrol. C. A. Cleghorn. 1,453,305; May 1.
Tank roof. A. A. Kramer. 1,469,321; Oct. 2.
Tank-room structure. H. D. Pownall. 1,478,396; Dec. 25.
Tank stand. J. L. Castile. 1,458,521; June 21.
Tank structure. R. V. Bingay. 1,473,595; Nov. 6.
Tank support, Transformer-. L. G. McClintock. 1,463,962; Aug. 7.
Tank vehicle. C. V. Lucius. 1,472,078; Oct. 30.
Tanks, Adapter for acetylene. B. Westervelt. 1,441,138; Jan. 2.
Tanks, Antisplash device for. J. Baudino. 1,477,746; Dec. 18.
Tanks, Attachment for automobile gasoline. L. M. Taylor. 1,450,192; Apr. 3.
Tanks, Automatic hot-water supply for. S. Otis. 1,478,246; Dec. 18.
Tanks, Automatic water drain for oil. J. A. Jolly. 1,471,737; Oct. 23.
Tanks, Bracket for supporting closet. E. L. Ahern. 1,464,398; Aug. 7.
Tanks, Depth gauge for. T. E. Parrott. 1,456,334; May 22.
Tanks, Device for draining water from oil. W. J. MacArthur. 1,442,677; Jan. 16.
Tanks, Emergency fuel supply for. G. A. Young. 1,440,520; Jan. 2.
Tanks, Filling means for gasoline. W. C. Brown. 1,449,492; Mar. 27.
Tanks, Fire-extinguishing apparatus for oil. W. D. Witter. 1,454,839; May 8.
Tanks, Gauge and filler spout for gasoline. W. H. Stephenson. 1,477,728; Dec. 18.
Tanks, Heater for water. C. F. H. Spiegel. 1,453,481; May 1.
Tanks, Magnetic control of flush. C. H. Staats. 1,456,196; May 22.
Tanks, Metal cover for. W. W. Ford. 1,455,582; May 15.
Tanks, Nonfreezing attachment for water. F. W. McCauley. 1,443,231; Jan. 23.
Tanks or other vessels, Method of discharging sludges and like semisolid matters from. H. W. M. Christie. 1,441,966; Jan. 9.
Tanks, Reserve supply device for gasoline. E. W. Kruse. 1,453,713; May 1.
Tanks, Sheet-guiding device for saturating. A. Anderson. 1,443,971; Feb. 6.
Tanks, Sheet-guiding device for saturating. T. F. Calwell. 1,443,975; Feb. 6.
Tanks, Water separator for air. E. B. Thatcher. 1,452,447; Apr. 17.
Tanning agents, Manufacture and production of. R. B. Croad. 1,443,697; Jan. 30.
Tanning fish skins. E. Knudsen. 1,467,858; Sept. 11.
Tanning hides, Process of and means for. V. Peradotto. 1,455,655; May 15.
Tanning means, their preparation and use. W. Moeller. 1,448,278; Mar. 13.
Tanning of hides and skins. P. J. C. Margotton. 1,453,800; May 1.
Tap. C. W. Bogart. 1,458,614; June 12.
Tap, Automatically-collapsible. J. E. Cain and F. A. Falkenbach. 1,466,987; Sept. 4.
Taps or reamers, Guide device for. A. W. Stokes 1,453,204; Apr. 24.
Tape, Adhesive. F. J. Bosse. 1,441,656; Jan. 9.
Tape feed and moistening machine. R. M. Brooks. 1,455,859; May 22.

Tape holder and moistener, Sealing. L. G. Massicotte. 1,473,153; Nov. 6.
Tape into articles, Machine for threading. G. M. Eames and J. C. Ringe. 1,460,195; June 26.
Tape moistening and severing machine. C. H. Crowell. 1,467,421; Sept. 11.
Tape-threading machine. G. M. Eames and J. C. Ringe. 1,473,022; Nov. 6.
Tapeline case structure. C. W. Crogan. 1,467,840; Sept. 11.
Taper gauge. W. A. Allen. 1,476,573; Dec. 4.
Taper protractor, Universal. G. H. Felske. 1,453,067; Apr. 24.
Tapes to garments, Method and means for attaching fastener. J. Siegel. 1,475,604; Nov. 27.
Tapestry, Printed. B. A. Stroock. 1,474,182; Nov. 13.
Tappet. M. M. Wilcox. 1,470,409–12; Oct. 9.
Tappet silencer. F. M. Albrecht. 1,475,557; Nov. 27.
Tappets, Making. W. H. Spire. 1,468,927; Sept. 25.
Tapping machine. E. J. McClellan. 1,459,981; June 26.
Tapping machine. A. Pestel. 1,445,166; Feb. 13.
Tapping machine, Automatic multiple-. P. Meyer. 1,458,948; June 19.
Tapping machine, Multiple. W. L. Brubaker. 1,465,112; Aug. 14.
Tar from gases, Apparatus for separating. L. Bradley. 1,473,806; Nov. 13.
Tar separator and regulator for the same. A. Roberts. 1,447,226; Mar. 6.
Target. F. W. Baldwin. 1,444,491; Feb. 6.
Target. A. N. Porter. 1,478,250; Dec. 18.
Target apparatus. G. A. Kerestes. 1,475,493; Nov. 27.
Target apparatus. E. Meininghaus. 1,471,521; Oct. 23.
Target disks and the like, Device for resiliently supporting. A. Michoud. 1,460,860; July 3.
Target-practice apparatus. E. E. Alm. 1,476,676; Dec. 11.
Target, Self-indicating. A. Vangen. 1,456,015; May 22.
Target-throwing machine, Motor-driven. C. H. Napier. 1,475,713; Nov. 27.
Target trap. B. P. Vickery. 1,445,371; Feb. 13.
Tassel. G. H. Kelley. 1,457,738; June 5.
Tassel and pendant. J. E. Chappatte. 1,453,440; May 1.
Taximeter. A. Weisinger. 1,470,949; Oct. 16.
Taximeter, Alarm. J. A. Gato. 1,472,162; Oct. 30.
Taximeter recording device. J. Gluck. 1,473,816; Nov. 13.
Taximeters, Mounting for. B. C. Palmer. 1,464,882; Aug. 14.
Tea and coffee pot. S. Jones. 1,472,007; Oct. 23.
Tea cartridge. L. Hirschhorn. 1,473,429; Nov. 6.
Tea cartridge. B. and L. Hirschhorn. 1,473,430; Nov. 6.
Teacups, breakfast cups, beakers, and other vessels or articles of pottery, Machine for use in the manufacture of. E. Brookes. 1,465,577; Aug. 21.
Tea or coffee pot or similar article. R. R. Kintz. Des. 62,823; Aug. 7.
Teapot. G. Barnett. Des. 63,065; Oct. 2.
Teapot and like vessel. F. E. Gordon. 1,470,224; Oct. 9.
Teapot, coffeepot, and the like. E. W. Abram. 1,440,947; Jan. 2.
Teapot or similar article. W. D. Haviland. Des. 63,297; Nov. 20.
Teapot or similar article. H. Hillbom. Des. 63,134; Oct. 16.
Teapot or similar article. A. H. Sander. Des. 62,417–18; May 22.
Teapot or similar article. A. H. Sander. Des. 63,040; Sept. 18.
Tea table. L. Alonzi. 1,463,540; July 31.
Teat cup. A. V. Hinman. 1,446,295; Feb. 20.
Teat cup. C. Oden and H. R. Moore. 1,460,977; July 3.
Teat cup. P. Schawang. 1,465,002; Aug. 14.
Teat, Infant's soothing. D. J. McOmish. 1,467,904; Sept. 11.
Teeter board. W. A. Flint. 1,476,065; Dec. 4.
Teeter board. M. Smerechanski. 1,461,631; July 10.
Teeth, Anchorage for artificial. F. Maeulen and G. L. Van Allen. 1,463,900; Aug. 7.
Teeth, Artificial. N. Bercka. 1,451,005; Apr. 10.
Teeth, Artificial. J. Brookes and A. E. Tolley. 1,461,305; July 10.
Teeth, Composition of matter for filling root canals in. P. W. Kruger. 1,473,482; Nov. 6.
Teeth. Holder for artificial sets of. E. J. Elsas. 1,473,673; Nov. 13.
Teeth, Implement for cleaning. T. A. Buckley. 1,475,789; Nov. 27.
Teeth, Means for molding backings for artificial. T. C. Hansen. 1,465,473; Aug. 21.
Teeth, Means for selection of artificial. G. W. Clapp. 1,469,893; Oct. 9.
Teeth, Mount for artificial. F. Maeulen and G. L. Van Allen. 1,442,081; Jan. 16.
Telautographic system. G. S. Tiffany. 1,445,421; Feb. 13.
Teledynamic control, Multiplex system in. J. H. Hammond, jr. 1,444,417; Feb. 6.
Telegraph and radio codes, Practicing device for learning. A. Lindsten. 1,474,534; Nov. 20.
Telegraph apparatus. C. E. Walton. 1,478,412; Dec. 25.
Telegraph circuits, Carrier. R. W. Deardorff. 1,469,253–4; Oct. 2.
Telegraph circuits, Carrier. B. P. Hamilton. 1,469,259–60; Oct. 2.
Telegraph, Copying. M. H. Petersen. 1,468,542; Sept. 18.
Telegraph instrument. O. R. Dorris. 1,449,501; Mar. 27.
Telegraph keys, Auxiliary device for. J. J. Ghegan. 1,449,985; Mar. 27.
Telegraph printer. E. E. Kleinschmidt. 1,448,750; Mar. 20.
Telegraph relay. C. J. Rogers. 1,444,555; Feb. 6.
Telegraph relay. C. H. Teegarden. 1,447,361; Mar. 6.
Telegraph repeater. R. C. Blakeslee. 1,448,824; Mar. 20.
Telegraph repeating system. A. J. Eaves. 1,472,463; Oct. 30.
Telegraph sounder. J. H. Kinsley. 1,453,359; May 1.
Telegraph system. M. B. Kerr. 1,466,234; Aug. 28.
Telegraph system. H. W. O'Neill. 1,445,233; Feb. 13.
Telegraph system. R. C. Mathes. 1,472,483; Oct. 30.
Telegraph system. C. O. Van der Vort. 1,472,506; Oct. 30.
Telegraph system, Automatic. G. R. Benjamin. 1,461,645; July 10.
Telegraph system, Single-transmission. W. A. Cushing. 1,475,987; Dec. 4.
Telegraph systems, Method of and apparatus for operating synchronous. G. R. Benjamin. 1,447,747–8; Mar. 6.
Telegraph systems, Typewriter attachment for. D. McNicol. 1,464,952; Aug. 14.
Telegraphic receiving apparatus. F. G. Creed. 1,452,793–4; Apr. 24.
Telegraphic receiving instrument. C. Adams-Randall. 1,461,568; July 10.
Telegraphic receiving instrument, Recording. J. A. Hulit. 1,442,474; Jan. 16.
Telegraphic sending machine, Semiautomatic. H. G. Martin. 1,445,226; Feb. 13.
Telegraphic system, Duplex. H. W. Sullivan. 1,468,982; Sept. 25.
Telegraphone, Sensitizing the. L. F. Fuller. 1,459,202; June 19.
Telegraphs. Alternating-current local circuits for code-signaling. J. J. Ghegan. 1,449,984. Mar. 27.
Telegraphs, Method of and apparatus for operating printing. E. E. Kleinschmidt. 1,463,136; July 24.
Telegraphs, Transmitter for printing. E. E. Kleinschmidt. 1,460,357; June 26.
Telegraphs, Transmitting apparatus for electric. L. M. Potts. 1,452,527; Apr. 24.
Telegraphy. T. B. Dixon. Re15,539; Feb. 13.
Telegraphy, Apparatus for teaching. E. H. Snyder. 1,449,305; Mar. 20.
Telegraphy, Optical. L. A. Charbonneau. 1,463,797; Aug. 7.
Telegraphy, Printing. J. H. Bell. 1,472,453; Oct. 30.
Telegraphy, Printing. H. A. Burgess. 1,456,534; May 29.
Telemeter. O. Eppenstein. 1,477,112; Dec. 11.
Telemeter. A. König. 1,475,706; Nov. 27.
Telephone. J. Kay and J. Jennings. 1,471,696; Oct. 23.
Telephone amplifier system. M. C. Ellison. 1,470,430; Oct. 9.
Telephone and high-tension conductors, Insulator for. J. Romandy. 1,475,722; Nov. 27.
Telephone and other circuits, Connecting head for multiple. F. G. Brockett and C. C. Wright. 1,466,351; Aug. 28.
Telephone and other cords, Nontwisting device for. J. E. Simpson. 1,478,069; Dec. 18.
Telephone and selective signaling system, Automatic. T. G. Martin. 1,442,770; Jan. 16.
Telephone and telegraph system, Combined. H. P. Clausen. 1,478,024; Dec. 18.
Telephone and wireless telegraphy installation. L. N. Brillouin. 1,465,250; Aug. 21.
Telephone apparatus. W. L. Davis. 1,476,953; Dec. 11.
Telephone apparatus. L. Schmidt. 1,452,850; Apr. 24.
Telephone attachment. J. McComas. 1,472,530; Oct. 30.
Telephone attachment. G. W. Sumner. 1,454,773; May 8.
Telephone attachment. A. B. Toppan. 1,464,455; Aug. 7.
Telephone automatic trunking apparatus. T. G. Martin. 1,443,494; Jan. 30.
Telephone booth. O. Gullicksen. 1,442,942; Jan. 23.
Telephone bracket or support. J. H. Rivet. 1,453,997; May 1.
Telephone, Brain. W. B. Vanderlip and C. H. Viggars. 1,449,022; Mar. 20.
Telephone cabinet or housing. F. Collins. 1,457,347; June 5.
Telephone cable. G. C. Pearson. 1,475,139; Nov. 20.
Telephone cables, Self-induction coil for loading. E. Schürer. 1,471,632; Oct. 23.
Telephone-call register. B. Sapienza. 1,455,268; May 15.
Telephone card-directory holder. H. Harase. 1,467,290; Sept. 4.
Telephone-circuit breaker. W. A. Brockmeier. 1,477,939; Dec. 18.
Telephone coin box. A. G. Sandberg. 1,465,185; Aug. 14.
Telephone cover. M. R. Foster. 1,473,180; Nov. 6.
Telephone currents and other electric oscillations, Device for amplifying. J. Blankenburg. 1,453,584; May 1.
Telephone device. L. de Forest. 1,452,827; Apr. 24.

Telephone-dial support, Automatic. A. J. Curren. 1,469,779; Oct. 9.
Telephone directory. J. H. Cannon. 1,445,993; Feb. 20.
Telephone exchange, Automatic. F. A. Lundquist. 1,475,497; Nov. 27.
Telephone-exchange line switch. H. F. Dobbin. 1,461,212; July 10.
Telephone-exchange system. A. H. Adams. 1,468,853; Sept. 25.
Telephone-exchange system. F. Aldendorff. 1,459,175; June 19.
Telephone-exchange system. R. S. Bailey. 1,470,611; Oct. 16.
Telephone-exchange system. E. H. Clark. 1,456,537; May 29.
Telephone-exchange system. R. D. Conway. 1,448,523; Mar. 13.
Telephone-exchange system. J. Davidson, jr. 1,473,671; Nov. 13.
Telephone-exchange system. G. Deakin. 1,444,781; Feb. 13.
Telephone-exchange system. B. G. Dunham. 1,445,432; Feb. 13.
Telephone-exchange system. C. L. Goodrum. 1,452,269; Apr. 17.
Telephone-exchange system. C. L. Goodrum. 1,465,393; Aug. 21.
Telephone-exchange system. C. L. Goodrum. 1,472,469; Oct. 30.
Telephone-exchange system. E. W. Hancock. 1,464,072; Aug. 7.
Telephone-exchange system. C. W. Keckler. 1,478,037; Dec. 18.
Telephone-exchange system. T. Korthäuer. 1,470,451; Oct. 9.
Telephone-exchange system. A. E. Lundell and E. H. Clark. 1,464,084; Aug. 7.
Telephone-exchange system. A. E. Lundell. 1,464,719; Aug. 14.
Telephone-exchange system. G. A. E. Lundell. 1,465,360; Aug. 21.
Telephone-exchange system. A. E. Lundell. 1,470,991–2; Oct. 16.
Telephone-exchange system. A. E. Lundell. 1,471,617; Oct. 23.
Telephone-exchange system. L. A. Mortimer. 1,461,221; July 10.
Telephone-exchange system. L. Polinkowsky. 1,459,186; June 19.
Telephone-exchange system. L. Polinkowsky. 1,464,726; Aug. 14.
Telephone-exchange system. F. J. Scudder. 1,470,035; Oct. 9.
Telephone-exchange system. F. M. Slough. 1,450,564; Apr. 3.
Telephone-exchange system. P. C. Smith. 1,448,420; Mar. 13.
Telephone-exchange system. W. B. Strickler. 1,448,576; Mar. 13.
Telephone-exchange system. J. F. Toomey. 1,475,201; Nov. 27.
Telephone-exchange system. H. W. Ulrich. 1,463,982; Aug. 7.
Telephone-exchange system. S. B. Williams, jr. 1,466,155; Aug. 28.
Telephone-exchange system. S. B. Williams, jr. 1,471,017–18; Oct. 16.
Telephone-exchange system. S. B. Williams, jr. 1,478,086; Dec. 18.
Telephone-exchange system, Automatic. F. R. McBerty. 1,470,664; Oct. 16.
Telephone-exchange system, Automatic. L. Polinkowsky. 1,464,109; Aug. 7.
Telephone-exchange system, Machine-switching. R. S. Bailey. 1,478,419; Dec. 25.
Telephone-exchange system, Machine-switching. W. W. Carpenter. 1,464,087; Aug. 7.
Telephone-exchange system, Machine-switching. C. L. Goodrum. 1,478,607; Dec. 25.
Telephone-exchange system, Machine-switching. R. L. Stokely. 1,464,118; Aug. 7.
Telephone-exchange system, Machine-switching. R. L. Stokely. 1,472,501; Oct. 30.
Telephone-exchange system, Machine-switching. R. Stokely. 1,474,008; Nov. 13.
Telephone head set. F. Dietrich. 1,447,969; Mar. 13.
Telephone index. F. W. Colby. 1,445,202; Feb. 13.
Telephone indicator. W. H. Eastman. 1,455,285; May 15.
Telephone meter. E. H. Martin. 1,474,053; Nov. 13.
Telephone metering system. A. M. Crichton. 1,447,509; Mar. 6.
Telephone or other sound receiver. L. Steinberger. 1,455,817–18; May 22.
Telephone pencil holder. H. S. Holywell. 1,462,108; July 17.
Telephone plants, Circuit arrangement for. G. A. Betulander and N. G. Palmgren. 1,475,562; Nov. 27.
Telephone plug shelf. F. F. Lucas. 1,448,553; Mar. 13.
Telephone receiver. C. T. Baisley. 1,452,334; Apr. 17.
Telephone-receiver attachment. J. Mirzejewski. 1,476,409; Dec. 4.
Telephone-receiver attachments. G. K. Thompson. 1,477,609; Dec. 18.
Telephone receiver, Loud-speaking. G. R. Lum. Des. 62,672; July 17.
Telephone receiver, Loud-speaking. G. R. Lum. Des. 62,997; Sept. 4.
Telephone-receiver support, Circuit-controlling. D. M. Miller. 1,449,830; Mar. 27.
Telephone receiver, Tuned. H. Gernsback. 1,478,709; Dec. 25.
Telephone receivers, Support for. M. A. Bowen. 1,454,533; May 8.
Telephone receiving, Reed. G. W. Pickard. 1,472,341; Oct. 30.
Telephone repeater. O. B. Blackwell. 1,474,430; Nov. 20.
Telephone repeater. S. Suekoff. 1,466,858; Sept. 4.
Telephone repeater circuits. E. D. Johnson. 1,474,038; Nov. 13.
Telephone repeater system. R. D. Conway. 1,442,425; Jan. 16.
Telephone repeater, Voice-current. J. H. Homrighous. 1,460,814; July 3.
Telephone repeater, Voice-current. A. B. Smith. 1,444,805; Feb. 13.
Telephone repeating system. M. Latour. 1,462,368; July 17.
Telephone rest. C. Fischer. 1,445,829; Feb. 20.
Telephone-signal-allotting system. J. A. Taggart. 1,462,252; July 17.
Telephone signaling system. W. A. Rhodes. 1,450,305; Apr. 3.
Telephone silencer. S. T. Cohane. 1,444,494; Feb. 6.
Telephone stand, Revolving. E. F. Carlson. 1,447,531; Mar. 6.
Telephone substation set. K. S. Johnson. 1,452,277; Apr. 17.
Telephone support. A. Levin. 1,473,191; Nov. 6.
Telephone support. J. J. Moss. 1,462,240; July 17.
Telephone system. E. M. Ashworth. 1,449,487; Mar. 27.
Telephone system. R. W. Augustine. 1,440,365; Jan. 2.
Telephone system. S. A. Beyland. Re15,636; June 26.
Telephone system. W. W. Carpenter and H. Hovland. 1,478,022; Dec. 18.
Telephone system. E. H. Clark. 1,456,536; May 29.
Telephone system. H. P. Clausen and C. L. Goodrum. 1,472,460; Oct. 30.
Telephone system. H. D. Currier. 1,442,130; Jan. 16.
Telephone system. W. L. Dodge. 1,457,898; June 5.
Telephone system. H. M. Friendly. 1,441,791; Jan. 9.
Telephone system. W. H. Harrison. 1,477,874; Dec. 18.
Telephone system. E. E. Hinrichsen. 1,463,815; Aug. 7.
Telephone system. H. H. Ide. 1,449,511; Mar. 27.
Telephone system. H. H. Ide. 1,463,164; July 31.
Telephone system. C. W. Keckler. 1,466,233; Aug. 28.
Telephone system. L. D. Kellogg. 1,469,794; Oct. 9.
Telephone system. H. D. MacPherson. 1,457,912; June 5.
Telephone system. J. B. Morrill. 1,472,485; Oct. 30.
Telephone system. L. Polinkowsky. 1,448,572; Mar. 13.
Telephone system. F. M. Slough. 1,458,555; June 12.
Telephone system. C. Sparks. 1,463,600; July 31.
Telephone system. C. Sparks. 1,472,254; Oct. 30.
Telephone system. M. B. Stazak. 1,466,858; Sept. 4.
Telephone system. C. White. 1,449,644; Mar. 27.
Telephone system. D. F. Whiting. 1,471,638–9; Oct. 23.
Telephone system. G. A. Yanochowski. 1,453,821; May 1.
Telephone system. G. A. Yanochowski. 1,455,954; May 22.
Telephone system. G. A. Yanochowski. 1,456,172; May 22.
Telephone system. G. A. Yanochowski. 1,475,216; Nov. 27.
Telephone system, Automatic. T. Lenaghan. 1,472,604; Oct. 30.
Telephone system, Automatic. G. E. Mueller. 1,458,907; June 12.
Telephone system, Automatic. M. L. Nelson. 1,461,980; July 17.
Telephone system, Automatic. F. Newforth, jr. 1,442,086; Jan. 16.
Telephone system, Automatic. W. W. Owen. 1,469,847; Oct. 9.
Telephone system, Automatic. W. T. Powell. 1,443,645–6; Jan. 30.
Telephone system, Automatic. W. T. Powel. 1,459,860; June 26.
Telephone system, Automatic. W. T. Powell. 1,462,819; July 24.
Telephone system, Automatic. W. T. Powell. 1,463,972; Aug. 7.
Telephone system, Automatic. W. T. Powell. 1,468,249; Sept. 18.
Telephone system, Automatic. W. T. Powell. Re15,682; Aug. 28.
Telephone system, Automatic. A. J. Ray and W. A. Chapin. 1,468,078; Sept. 18.
Telephone system, Automatic. A. J. Ray and H. F. Obergfell. 1,469,809; Oct. 9.
Telephone system, Automatic. R. G. Richardson. 1,469,807; Oct. 9.
Telephone system, Automatic. R. G. Richardson. 1,474,608; Nov. 20.
Telephone system, Automatic. A. B. Smith. 1,474,648; Nov. 20.

Alphabetical list of inventions—Continued.

Telegraph system, Duplex. E. A. Hudson. 1,456,556; May 29.
Telephone system, Machine-switching. R. C. Arter. 1,455,769; May 22.
Telephone system, Measured-service. A. Andersen. 1,443,451; Jan. 30.
Telephone system, Measured-service. E. D. Fales. 1,466,124; Aug. 28.
Telephone system, Measured-service. T. G. Martin. 1,460,726; July 3.
Telephone system, Measured-service. W. W. Owen. 1,462,719; July 24.
Telephone system, Measured-service. W. W. Owen. 1,465,311; Aug. 21.
Telephone system, Measured-service. F. M. Slough. 1,459,863; June 26.
Telephone system, Measured-service. J. Wicks. 1,475,612–13; Nov. 27.
Telephone system, Measured-service automatic. T. G. Martin. 1,459,229; June 19.
Telephone system, Multioffice. T. G. Martin and B. D. Willis. 1,475,590; Nov. 27.
Telephone system, Party-line. T. G. Martin. 1,442,082; Jan. 16.
Telephone system, Party-line. T. G. Martin. 1,463,271; July 31.
Telephone system, Semiautomatic. B. D. Willis. 1,455,951; May 22.
Telephone system, Train. W. W. Macfarlane. 1,448,852; Mar. 20.
Telephone system, Two-wire party-line lockout. T. G. Martin. Re15,706; Oct. 30.
Telephone systems, Impulse transmitter for automatic. J. G. Blessing. 1,444,777; Feb. 13.
Telephone systems, Interoffice trunk circuits for. F. L. Baer. 1,463,934; Aug. 7.
Telephone systems, Ringing channel for multiple. H. A. Affel. 1,472,821; Nov. 6.
Telephone systems, Selecting switch for use in. K. Böhme. 1,450,352; Apr. 3.
Telephone systems, Selector rack for automatic. A. E. Stevens. 1,470,202; Oct. 9.
Telephone systems, Signalling apparatus for. M. L. Nelson. 1,451,886; Apr. 17.
Telephone systems, Switching apparatus for. D. L. Lienzén and K. Larsson. 1,460,913; July 3.
Telephone systems, Toll trunking circuits for machine-switching. R. L. Stokely. 1,452,323; Apr. 17.
Telephone test set. R. B. Stone. 1,440,752; Jan. 2.
Telephone transmission system. W. H. Bendernagel. 1,472,237; Oct. 30.
Telephone transmitter. R. A. Engler. 1,443,620; Jan. 30.
Telephone transmitter. R. L. Murray. 1,460,034; June 26.
Telephone-transmitter mouthpiece. L. Van Rutten. 1,478,074; Dec. 18.
Telephone transmitters and the like, Sanitary attachment for. C. P. Abbott. 1,474,186; Nov. 13.
Telephone transposition switching box. E. Love. 1,449,904; Mar. 27.
Telephone trunking system. A. E. Keith. 1,451,912; Apr. 17.
Telephones, Auxiliary mouthpiece for. O. W. Aagaard. 1,474,100; Nov. 13.
Telephones, Desk stand for hand. O. M. Glunt. 1,456,501; May 29.
Telephones, Head receiver for. L. Schmidt. 1,452,851; Apr. 24.
Telephones, Notifying or call device for. G. Forster. 1,453,453; May 1.
Telephones, Receiver for. V. C. Crites. 1,457,211; May 29.
Telephony. H. S. Turner. 1,451,896; Apr. 17.
Telephony and telegraphy, Multiple-wire cable for high-frequency. L. Rellstab. 1,475,878; Nov. 27.
Telephony system. H. D. Arnold. 1,449,372; Mar. 27.
Telephony, Transmitter for. H. J. Round. 1,441,029; Jan. 2.
Telephoto objective. W. Merté. 1,467,804; Sept. 11.
Telephotographs, Device for coding and decoding. R. W. Trueblood and A. M. Rochlen. 1,440,510; Jan. 2.
Telescope. O. A. Hagen. 1,451,096; Apr. 10.
Telescope. M. Lichtman. 1,461,063; July 10.
Telescope, microscope, and the like. A. and H. D. Taylor. 1,468,762; Sept. 25.
Telescope, Reflecting. R. W. Porter. 1,468,973; Sept. 25.
Telescope with changeable magnifying power, Sighting. H. Jacob. 1,464,655; Aug. 14.
Telescopes and other optical instruments, Erecting prism for. A. and H. D. Taylor. 1,459,864; June 26.
Telescopic mute. W. R. d'Alfonso. 1,468,066; Sept. 18.
Telescoping elements, Friction clutch for. J. Schade. 1,447,519; Mar. 6.
Telethermometer. W. A. Baker. 1,444,771; Feb. 13.
Television. A. M. Nicolson. 1,470,696; Oct. 16.
Tellurian, Automatic. W. E. Gochenour. 1,468,781; Sept. 25.
Temperature alarm. O. H. Ludeman. 1,462,887; July 24.
Temperature-alarm apparatus. C. West. 1,476,864; Dec. 11.
Temperature and relative humidity, Automatic indicator of wet or dry bulb. E. W. Comfort. 1,476,799; Dec. 11.
Temperature-compensating appliance. H. S. Sines. 1,446,995; Feb. 27.
Temperature control, System of. E. P. Rich. 1,441,449; Jan. 9.
Temperature-control systems, Manual operating means for automatic. H. S. Coy. 1,453,379; May 1.
Temperature-controlled switch. R. S. Blair and B. D. Wells. 1,467,085; Sept. 4.
Temperature-controlling means, Automatic. H. C. Mallory. 1,452,748; Apr. 24.
Temperature-controlling means, Motor. S. H. Page and J. B. Struble. 1,442,966; Jan. 23.
Temperature-indicating device. C. W. Baker. 1,463,189; July 31.
Temperature-indicating device. G. Joannes. 1,460,909; July 3.
Temperature indicator. O. W. Moore. 1,466,886–7; Sept. 4.
Temperature indicator. J. Swanberg. 1,441,307; Jan. 9.
Temperature indicator, Signaling motor-. H. R. Mitchell. 1,476,167; Dec. 4.
Temperature indicator, Transformer. N. L. Dolph. 1,443,786; Jan. 30.
Temperature-regulating device, Automatic. E. Tregoning. 1,448,012; Mar. 13.
Temperature-regulating means. K. Dougan. 1,468,102; Sept. 18.
Temperature relay. N. K. Anderson. 1,470,676; Oct. 16.
Temperatures, Apparatus for measuring high. J. L. Schueler and C. A. Kellogg. 1,475,365; Nov. 27.
Template and fabricating ornaments therewith. M. L. Buckley. 1,442,124; Jan. 16.
Templates, Machine tool for drilling or cutting out. W. A. Pearn. 1,442,538; Jan. 16.
Tender tank. C. Ducas. 1,460,710; July 3.
Tennis and like games, Racket for. A. Harris. 1,452,803; Apr. 24.
Tennis and other racket press and case and the like. A. Forbes. 1,457,356; June 5.
Tennis-court marker. J. B. Haller. 1,457,163; May 29.
Tennis-court marker. M. K. Murray. 1,462,145; July 17.
Tennis nets and the like, Means for supporting and tensioning. D. V. Eskell. 1,459,723; June 26.
Tennis post. R. R. and A. Hirst. 1,462,201; July 17.
Tennis racket with variable tension of cords. C. Ross Santa Maria. 1,476,906; Dec. 11.
Tensile-stress-determining device. K. Stahl. 1,469,280; Oct. 2.
Tension condenser, High-. E. Pfiffner. 1,461,287; July 10.
Tension device. J. P. Hooper. 1,442,432; Jan. 16.
Tension device. J. O. McKean. 1,441,011; Jan. 2.
Tension device. W. C. Meyer. 1,451,918–9; Apr. 17.
Tension device. H. E. Van Ness. 1,456,263; May 22.
Tension mechanism. J. O. McKean. 1,441,012; Jan. 2.
Tension mechanism. J. O. McKean. 1,447,591; Mar. 6.
Tension mechanism. J. O. McKean. 1,468,486; Sept. 18.
Tension mechanism. W. C. Meyer. 1,444,979; Feb. 13.
Tent. A. and G. C. Muehleisen. 1,449,689; Mar. 27.
Tent. J. J. Munson. 1,455,089; May 15.
Tent, Adjustable camping. D. F. Dillman. 1,450,143; Mar. 27.
Tent, Collapsible. G. H. Dial. 1,449,894; Mar. 27.
Tent, Folding. B. B. Dudley. 1,456,918; May 29.
Tent, Fumigation. E. A. Klein. 1,459,217; June 19.
Tent, garage, or house frame, Collapsible automobile. E. H. Batty. 1,450,129; Mar. 27.
Tent, hammock, and packsack, Combination. O. L. and M. E. Hull. 1,464,875; Aug. 14.
Tent, Paper. R. Andrews. 1,448,821; Mar. 20.
Tent, Portable dressing. H. E. Hodgson. 1,466,166; Aug. 28.
Tent shelter. W. E. Marsh. 1,463,220; July 31.
Tent-tension equalizer. B. F. Dunn. 1,451,208; Apr. 10.
Tent, Tourist's. J. M. Irvin. 1,446,296; Feb. 20.
Tentering machines, Feeder for. H. A. Smart and W. H. H. Cocke, jr. 1,472,499; Oct. 30.
Terminal. F. G. Guenther and W. C. Grabau. 1,441,801; Jan. 9.
Terminal. T. W. Turner. 1,446,598; Feb. 27.
Terminal box. W. L. Cook. 1,445,072; Feb. 13.
Terminal, Clamping contact. G. F. Johnstone; 1,467,432; Sept. 11.
Terminal, Connection or binding. R. Zöllner. 1,454,879; May 15.
Terminal boxes, Supporting bar for. F. A. Tefft. 1,464,620; Aug. 14.
Test bench. T. L. Lee. 1,451,992; Apr. 17.
Test indicator. C. H. Bull. 1,445,482; Feb. 13.
Test indicator. H. A. Lowe. 1,466,664; Sept. 4.
Test indicator, Surface. T. E. Grove. 1,445,584; Feb. 13.
Test unit, Automotive. E. G. Beehler. 1,452,905; Apr. 24.
Testing and grading articles, Apparatus for. J. G. Norton. 1,442,233; Jan. 16.
Testing apparatus. C. R. Hill. 1,458,529; June 12.
Testing device. L. W. Chubb. 1,475,749; Nov. 27.
Testing device. M. J. Clausen. 1,458,272; June 12.
Testing device. S. Pichler. 1,463,440; July 31.
Testing device. J. J. Robinson. 1,447,690; Mar. 6.
Testing instrument. A. K. Malmquist. 1,476,904; Dec. 11.
Testing instrument. J. B. Patton. 1,465,314; Aug. 21.

Testing machine. W. D. La Batt and H. Sengebusch. 1,445,963; Feb. 20.
Testing machine. T. Olsen. 1,474,545; Nov. 20.
Testing machine. M. Spindel. 1,457,800; June 5.
Testing machine. F. Wille. 1,458,259; June 12.
Testing machine, Impact-. D. J. McAdam, jr. 1,462,813; July 24.
Testing machines, Plunger mechanism for. W. D. La Batt and H. Sengebusch. 1,445,964; Feb. 20.
Testing materials. L. Ratner and M. Schwarz. 1,444,803; Feb. 13.
Testing materials, Method of and apparatus for. F. W. Sperr, jr. 1,444,567–8; Feb. 6.
Testing prod. W. M. Near. 1,451,233; Apr. 10.
Testing system. H. Fletcher. 1,469,271; Oct. 2.
Testing system. S. B. Williams, jr., and H. L. Bostater. 1,445,258; Feb. 13.
Testing the fading action of light, Apparatus for. C. W. Jameson. 1,458,941; June 19.
Textile fabric. A. O. Bayer. Des. 63,447; Dec. 11.
Textile fabric. J. S. and T. F. Boyd. Des. 62,467–9; June 12.
Textile fabric. J. S. and T. F. Boyd. Des. 62,531; June 19.
Textile fabric. J. S. and T. F. Boyd. Des. 62,600–2; July 3.
Textile fabric. J. S. and T. F. Boyd. Des. 62,813; Aug. 7.
Textile fabric. J. S. Boyd. Des. 63,067–9; Oct. 2.
Textile fabric. J. S. Boyd. Des. 63,389–94; Dec. 4.
Textile fabric. J. H. Bunting. Des. 61,991–62,002; Feb. 27.
Textile fabric. J. H. Bunting. Des. 62,316; May 8.
Textile fabric. J. H. Bunting. Des. 62,440; June 5.
Textile fabric. J. H. Bunting. Des. 63,450–2; Dec. 11.
Textile fabric. E. Ericson and R. Weiss. Des. 62,191; Apr. 10.
Textile fabric. E. Ericson and R. Weiss. Des. 62,254; Apr. 24.
Textile fabric. E. Ericson and R. Weiss. Des. 62,274–86; May 1.
Textile fabric. E. Ericson and R. Weiss. Des. 62,361; May 15.
Textile fabric. E. Ericson and R. Weiss. Des. 62,533; June 19.
Textile fabric. E. Ericson and R. Weiss. Des. 62,606; July 3.
Textile fabric. G. M. Fauser. Des. 62,324–7; May 8.
Textile fabric. G. M. Fauser. Des. 62,480; June 12.
Textile fabric. G. M. Fauser. Des. 62,607–10; July 3.
Textile fabric. H. B. Feldman. Des. 62,397; May 22.
Textile fabric. H. B. Feldman. Des. 62,567; June 26.
Textile fabric. H. E. Gabel. Des. 62,014; Feb. 27.
Textile fabric. D. Hartgens. Des. 62,485; June 12.
Textile fabric. C. W. Howard. Des. 62,522–8; June 12.
Textile fabric. C. Katz. Des. 62,008; Feb. 27.
Textile fabric. C. Katz. Des. 62,453–5; June 5.
Textile fabric. C. V. Kozlay. Des. 62,529; June 12.
Textile fabric. E. Krupicka. Des. 61,914–16; Feb. 6.
Textile fabric. E. Krupicka. Des. 62,456–8; June 5.
Textile fabric. H. Leibow. Des. 62,912; Aug. 21.
Textile fabric. J. Leiper. Des. 63,082; Oct. 2.
Textile fabric. C. E. Lord. Des. 61,831–4; Jan. 23.
Textile fabric. C. E. Lord. Des. 61,875; Feb. 6.
Textile fabric. C. E. Lord. Des. 62,061; Mar. 13.
Textile fabric. C. E. Lord. Des. 62,149; Mar. 27.
Textile fabric. C. E. Lord. Des. 62,554; June 19.
Textile fabric. C. E. Lord. Des. 62,827–37; Aug. 7.
Textile fabric. C. E. Lord. Des. 63,405–28; Dec. 4
Textile fabric. J. W. McCreedy. Des. 62,617–19; July 3.
Textile fabric. W. Muelberger. Des. 63,192; Oct. 30.
Textile fabric. P. Reimann. Des. 62,260–3; Apr. 24.
Textile fabric. P. Reimann. Des. 62,387; May 15.
Textile fabric. M. Rothschild. Des. 62,460; June 5.
Textile fabric. M. Rothschild. Des. 63,084; Oct. 2.
Textile fabric. E. Sonntag, jr. Des. 62,266-7; Apr. 24.
Textile fabric. V. Weiss. Des. 62,464–5; June 5.
Textile fabric. J. Y. Wilkins. Des. 61,923–25; Feb. 6.
Textile fabric or similar article. J. H. Bunting. Des. 62,391; May 22.
Textile fabric or similar article. H. Kaji. Des. 62,290; May 1.
Textile fabric, Tag for. A. C. Hummel. 1,471,483; Oct. 23.
Textile fabrics, Apparatus for drying and carbonizing. P. Glennie. 1,476,362; Dec. 4.
Textile fabrics, Process and device for finishing. E. Edlich. 1,471,551; Oct. 23.
Textile fabrics, Singeing device for. W. Osthoff. 1,443,587; Jan. 30.
Textile machinery, Thread-cleaning attachment for. M. C. Sterling and W. E. Sallade. 1,475,036; Nov. 20.
Textile machines, Flier of. E. Mallalieu. 1,468,243; Sept. 18.
Textile machines, Pattern-controlled counter mechanism for. E. F. Hathaway. 1,444,504; Feb. 6.
Textile machines, Thread guide for. F. Cass. 1,457,208; May 29.
Textile material, Method and apparatus for stretching. H. D. Ayres. 1,468,351; Sept. 18.
Textile materials or products, Machine for treating. J. J. Brophy. 1,457,297; June 5.
Textile spinning and twisting process. W. Binns. 1,457,817; June 5.
Textile stock, Apparatus for and method of handling fibrous. W. S. Kinsley. 1,465,048; Aug. 14.
Textile stock, Apparatus, installation, and method for use in treating. W. S. Kinsley. 1,465,046; Aug. 14.
Textile stock, Conveyer for. W. S. Kinsley. 1,465,049; Aug. 14.
Textile stock, Mixing and cleansing apparatus for. W. S. Kinsley. 1,465,050; Aug. 14.
Textile substances, Faller or gill bar for treating. J. W. Ryan. 1,463,844; Aug. 7.
Textiles and articles of manufacture, Manufacturing. J. Niemiec and W. Zdunek. 1,446,316; Feb. 20.
Textiles, Machinery for dyeing and treating. F. F. Larivei. 1,454,897; May 15.
Theater seats, Indicator for vacant. W. L. Guerin. 1,461,143; July 10.
Theaters, Adjustable scene portal in. M. Hasait. 1,452,424; Apr. 17.
Theatrical device. F. A. Beard. 1,474,576; Nov. 20.
Theft alarm. C. A. Isbell. 1,471,733; Oct. 23.
Theft alarm. J. H. Miner. 1,454,183; May 8.
Theft-detecting device. M. W. Marsden. 1,447,802; Mar. 6.
Theft-detecting means. E. F. Cardell. 1,474,706; Nov. 20.
Theft-preventing device. J. F. White. 1,462,404–5; July 17.
Theft-preventive device. A. T. Holder. 1,456,272; May 22.
Theft signal. L. R. Zepka. 1,449,964–5; Mar. 27.
Theft signal. L. R. Zepka. 1,469,570; Oct. 2.
Theft signal. L. R. Zepka. 1,473,272; Nov. 6.
Therapeutic apparatus. O. J. Cunningham. 1,471,144; Oct. 16.
Therapeutic appliance. F. A. Anderson. 1,472,779; Nov. 6.
Therapeutic cabinet. H. C. Osborn. 1,476,460; Dec. 4.
Therapeutic composition. R. Sansevero. 1,449,299; Mar. 20.
Therapeutical apparatus. K. Yamada. 1,459,489; June 19.
Thermal ammeter. W. N. Goodwin, jr. 1,456,591; May 29.
Thermally-controlled audible signal. G. A. Sager. 1,464,222; Aug. 7.
Thermally-controlled switch. G. H. Whittingham. 1,454,022; May 1.
Thermic apparatus. J. W. F. Macdonald. 1,440,926; Jan. 2.
Thermic processes of any kind, Process and apparatus for performing. A. Hiorth. 1,459,627; June 19.
Thermionic rectifiers and circuits therefor. J. K. Elderkin. 1,445,206; Feb. 13.
Thermionic regulator. P. I. Wold. 1,459,427–8; June 19.
Thermionic translating device. S. Loewe. 1,463,475; July 31.
Thermionic translating device. A. M. Nicolson. 1,459,412; June 19.
Thermionic vacuum tube. R. A. Heising. 1,445,278; Feb. 13.
Thermionically-active substance and making the same. W. Wilson. 1,464,124; Aug. 7.
Thermocell. J. L. Weatherwax. 1,451,283; Apr. 10.
Thermocouple wells, Mounting for. D. M. Foster. 1,478,821; Dec. 25.
Thermodynamic switch. J. W. Phelps. 1,476,022; Dec. 4.
Thermoelectric couple. W. H. Bristol. 1,468,456; Sept. 18.
Thermometer. L. Eisele. 1,447,935; Mar. 6.
Thermometer. E. Hilligardt. 1,441,581; Jan. 9.
Thermometer. J. Komorous. 1,471,036; Oct. 16.
Thermometer. H. P. Milker and A. Roesch. 1,462,797; July 24.
Thermometer. E. S. Payment. 1,474,001; Nov. 13.
Thermometer. W. A. Phillips. 1,456,400; May 22.
Thermometer. S. M. Pike. 1,452,701; Apr. 24.
Thermometer bulbs, Making. L. F. Chaney. 1,474,403; Nov. 20.
Thermometer case. A. C. D. McClellan. 1,478,286; Dec. 18.
Thermometer, Metallic radiator. R. G. Hebrock. 1,464,678; Aug. 14.
Thermometer, Oven. G. J. Day. 1,458,168; June 12.
Thermometer, Oven. G. D. Wilkinson. 1,457,335; June 5.
Thermometer rack. M. A. Burt and S. J. Stanley. 1,474,891; Nov. 20.
Thermometers and similar instrument. H. Schlaich. 1,478,258; Dec. 18.
Thermometers, Pocket sterilizing case for clinical. A. J. V. McDonnell. 1,453,151; Apr. 24.
Thermometers, Support for. J. Komorous. 1,471,037; Oct. 16.
Thermometric instrument for indicating the freshness of air in confined spaces. R. H. Davis. 1,447,968; Mar. 13.
Thermoplastic composition and compounding the same. E. de Stubner. 1,456,369; May 22.
Thermos container. J. E. Diven. 1,470,713; Oct. 16.
Thermostat. H. F. Banan. 1,458,924; June 19.
Thermostat. W. A. Lacke. 1,460,853; July 3.

Alphabetical list of inventions—Continued.

Thermostat. F. W. and G. A. Robertshaw. 1,455,663; May 15.
Thermostat. H. Sandvoss. 1,453,769; May 1.
Thermostat. J. A. Spencer. 1,448,240; Mar. 13.
Thermostat. S. H. Todd. 1,466,070; Aug. 28.
Thermostat and control system. O. A. Colby. 1,446,880; Feb. 27.
Thermostat and time control, Combined. F. M. Sutton. 1,468,179; Sept. 18.
Thermostat attachment. H. A. Hoeschen. 1,477,350; Dec 11.
Thermostat, Radiator. A. I. Kaplon. 1,462,012; July 17.
Thermostat, Registering. R. S. Burdette. 1,469,552; Oct. 2.
Thermostatic alarm. W. Aeschbach and H. A. Bussey. 1,442,509; Jan. 16.
Thermostatic control. J. E. Harvey. 1,461,878; July 17.
Thermostatic controlling device. H. J. C. Wells. 1,441,549; Jan. 9.
Thermostatic mechanism. S. McClure. 1,472,725; Oct. 30.
Thermostatic regulator. H. J. C. Wells. 1,449,155; Mar. 20.
Thermostatic signal-operating device. F. G. Whittington. 1,478,084; Dec. 18.
Thermostatic steam trap. T. Cardwell. 1,464,197; Aug. 7.
Thermostatic switch. H. A. Hoeschen. 1,470,079; Oct. 9.
Thermostatic switch. H. J. Smith. 1,478,719; Dec. 25.
Thermostatic valve. C. H. Atkins. 1,452,723; Apr. 24.
Thermotelephonic receiver. A. and L. D. Williams. 1,446,234; Feb. 20.
Thermotherapeutic applicator. S. Nessler. 1,473,506; Nov. 6.
Thickening process, Continuous. A. L. Genter and G. C. Jones. 1,452,151; Apr. 17.
Thigh guard. W. T. Stall. 1,478,184; Dec. 18.
Thimble. E. Dart. 1,473,953; Nov. 13.
Thimble construction. W. W. Grobe. 1,459,530; June 19.
Thin-place detector. W. F. Clayton. 1,477,034–5; Dec. 11.
Thiocarbanilide derivative. C. W. Bedford and R. L. Sibley. 1,477,803; Dec. 18.
Thiocarbanilide, Production of. C. W. Bedford and R. L. Sibley. 1,477,804; Dec. 18.
Thistle eradicator. L. Mayer. 1,447,315; Mar. 6.
Thrasher. S. C. Razey and P. M. Elliott. 1,447,887; Mar. 6.
Thrasher, Grain. J. B. Lorge. 1,446,311; Feb. 20.
Thrasher machine, Reaper-. J. F. McNeil. 1,440,398; Jan. 2.
Thrashers, Separating mechanism for. E. W. Jones. 1,461,314; July 10.
Thrashing device. H. R. Tucker. 1,476,660; Dec. 4.
Thrashing machine. W. F. Brown. 1,464,863; Aug. 14.
Thrashing machine. D. A. Radle. 1,443,241; Jan. 23.
Thrashing-machine attachment. O. Hoffman. 1,456,441; May 22.
Thrashing-machine attachment. G. Hollinger. 1,465,438; Aug. 21.
Thrashing-machine feeder tooth. J. C. Tallefson. 1,440,708; Jan. 2.
Thrashing machines, Attachment to. G. A. Hoffman. 1,478,960; Dec. 25.
Thrashing machines, Concave for. A. Anderson. 1,449,645; Mar. 27.
Thrashing machines, Extension grate for. De Van Wheeler. 1,466,218; Aug. 28.
Thrashing machines, Grain-saving device for. J. and S. Huber. 1,450,040; Mar. 27.
Thrashing machines, Self-feeder for. J. M. Kane. 1,440,391; Jan. 2.
Thrashing machines, Stacker for. J. Kosán. 1,462,289; July 17.
Thread breaking mechanism. J. P. Weis. 1,450,531; Apr. 3.
Thread-chasing mechanism. A. R. Mitchell. 1,454,554; May 8.
Thread-controlling device. A. F. Fifield. 1,452,033; Apr. 17.
Thread cutter. C. H. Taylor. Re15,625; June 12.
Thread cutter, Loom temple. J. Northrop. 1,449,776; Mar. 27.
Thread-cutting device. T. J. Shearman. 1,464,779; Aug. 14.
Thread-cutting machine. F. W. Hessmer. 1,456,439; May 22.
Thread-cutting machine. F. H. Mooney. 1,463,019; July 24.
Thread doubling and twisting machine, Attachment for. M. F. Hass. 1,451,771; Apr. 17.
Thread gauge. B. M. W. Hanson. 1,446,645; Feb. 27.
Thread gauge. A. F. Miley. 1,465,583; Aug. 21.
Thread guide. J. F. Madden. 1,453,941; May 1.
Thread guide. J. R. Mitchell. 1,448,076; Mar. 13.
Thread-guide gripper. E. S. Hall and A. N. Kaznakoff. 1,443,533; Jan. 30.
Thread guide, Tension-. A. A. Merritt. 1,467,443; Sept. 11.
Thread-machine cutter. C. P. Marye. 1,441,015; Jan. 2.
Thread, Machine for treating skeins of. M. Santaló. 1,461,330; July 10.
Thread-measuring device. A. S. Perkins. 1,478,910; Dec. 25.
Thread-parter mechanism. J. Northrop. 1,463,225; July 31.
Thread-pasting apparatus, Mechanical. F. A. Martens. 1,461,281; July 10.
Thread protector. P. J. Shrum. 1,457,882; June 5.
Thread protectors, Mechanism for making. P. J. Shrum and H. A. Henigen. 1,475,032; Nov. 20.
Thread-splicing machine. A. A. Brigham. 1,459,875; June 26.
Thread-tension device. H. H. Gove. 1,454,637; May 8.
Thread-tension device. W. Taylor and S. Hindle. 1,441,544; Jan. 9.
Thread-tension-measuring device. J. Hugentobler. 1,456,596; May 29.
Thread-tensioning device. E. S. Medeiros. 1,450,559; Apr. 3.
Thread-waxing device. F. E. Bertrand. 1,465,776; Aug. 21.
Thread winders, Feed for. G. E. Allen. 1,448,509; Mar. 13.
Threaded structure. C. P. Marye. 1,476,455; Dec. 4.
Threading die, Automatic. O. A. Smith and B. Rindfleisch. 1,474,179; Nov. 13.
Threading machine, Nipple-. T. Rankin. 1,457,603; June 5.
Threading tool. A. R. Thoke and H. G. Smith. 1,457,409; June 5.
Threading tool for automatic machines. H. T. White. 1,460,740; July 3.
Threadless bolt. P. Ballaž. 1,478,093; Dec. 18.
Threadless bolt. J. G. Coles. 1,476,491; Dec. 4.
Threads and the like, Machine for generating and cutting. E. W. Miller. 1,461,219; July 10.
Threads, Apparatus for the production of. B. Borzykowski. 1,450,131; Mar. 27.
Threads, Apparatus for testing bolt. F. Meyer. 1,461,782; July 17.
Threads, filaments, and the like of cellulose, Manufacture of. H. J. Hegan. 1,446,301; Feb. 20.
Threads, Gluing device for uniting warp. F. A. Martens. 1,468,207; Sept. 18.
Threads in embroidered fabrics, Process and device for removing the connecting. F. Nänny. 1,464,289; Aug. 7.
Threads, Machine for the manufacture of gimp. A. Brude. 1,445,199; Feb. 13.
Threads of two strands, Interlocking splice for. T. Yamamoto. 1,452,102; Apr. 17.
Threads of two warps, Machine for uniting together the. R. Hartmann. 1,456,006; May 22.
Threads or cords, Machine for and method of uniting. W. H. Pearson and T. J. Kelly. 1,463,401; July 31.
Threads, Tap for cutting. F. O. Wells. 1,447,700; Mar. 6.
Threshold eliminator. H. V. Pollard. 1,452,703; Apr. 24.
Thresholds, Weather seal for. R. W. Champion. 1,468,958; Sept. 25.
Throttle-adjusting device and safety lock. L. Christmas. 1,465,808; Aug. 21.
Throttle heater. P. Daniel. 1,472,246; Oct. 30.
Throttle-operating device. E. N. Cummings. 1,468,378; Sept. 18.
Throttle, Safety. E. B. Harris. 1,478,710; Dec. 25.
Throttling device, Thermostatically-controlled. W. E. Ernst. 1,468,689; Sept. 25.
Thumb lock. A. Gamwell. 1,456,846; May 29.
Thumb protector. J. C. Cox and J. W. McClung. 1,471,948; Oct. 23.
Ticket box, Miner's. S. T. Pratt. 1,474,553; Nov. 20.
Ticket changer, Adjustable metal-. E. Becker and E. Aber. 1,461,022; July 10.
Ticket dater. J. L. Lawrence and C. H. Westacott. 1,446,013; Feb. 20.
Ticket deliverer. J. Stiriss. 1,466,492; Aug. 28.
Ticket-delivering machine. F. Simone. 1,447,735; Mar. 6.
Ticket device, Counter-display price-indicating-. H. R. MacKenzie. 1,472,928; Nov. 6.
Ticket-distributing system, Toll. H. W. Pugh. 1,442,441; Jan. 16.
Ticket-distributing systems, Conveyer for. H. M. Otto. 1,459,413; June 19.
Ticket hoist. C. L. Van Inwagen. 1,442,453; Jan. 16.
Ticket holder. J. L. Bergvall. 1,466,924; Sept. 4.
Ticket holder. R. P. Riley. 1,466,729; Sept. 4.
Ticket holder. J. E. Strietelmeier. 1,451,279; Apr. 10.
Ticket-issuing machine. C. O. Feddern. 1,441,976; Jan. 9.
Ticket-issuing machine. C. O. Feddern. 1,465,121; Aug. 14.
Ticket, Marking. A. K. Marsh. 1,451,341; Apr. 10.
Ticket, Marking. A. K. Marsh. 1,461,625; July 10.
Ticket, Pin. M. O. Anthony. 1,451,486; Apr. 10.
Ticket, Pin. A. K. Marsh. 1,476,533; Dec. 4.
Ticket-printing machine. J. W. Hubbard. Re15,576; Apr. 10.
Ticket punch, Registering. F. Mathews and S. D. Black. 1,457,913; June 5.

Ticket, Railway. P. F. Malloy. 1,461,926; July 17.
Ticket, Railway. C. L. S. Tingley. 1,459,806; June 26.
Ticket, Railway fare. C. W. Heath. 1,455,050; May 15.
Ticket register, Change-making. E. J. Von Pein. 1 446,675; Feb. 27.
Ticket stamping and printing machine. C. Manshel. 1,463,829; Aug. 7.
Ticket strip, Marking. A. K. Marsh. 1,478,130; Dec. 18.
Ticket structures, Railway. L. E. Vosburgh. 1,442,915; Jan. 23.
Tickets and baggage checks, Means for protecting and identifying passage. A. A. Glisson. 1,478,647; Dec. 25.
Tidal engine. H. J. Shanklin. 1,447,903; Mar. 6.
Tide motor. J. S. McGinn. 1,449,523; Mar. 27.
Tide motor. J. Testa. 1,458,372; June 12.
Tie: *See*—
Bale tie. Package tie.
Concrete tie. Rail tie.
Concrete railway tie. Railway tie.
Construction tie. Rope and cable tie.
Metal tie. Wall tie.
Tie. J. W. Falk. 1,471,251; Oct. 16.
Tie. E. Killebrew. 1,443,025; Jan. 23.
Tie. H. E. Stonge. 1,457,559; June 5.
Tie and clamp. J. W. Falk. 1,443,253; Jan. 23.
Tie brace for concrete forms. R. A. McHale. 1,446,196; Feb. 20.
Tie, Built-up. W. G. Coughlin. 1,475,429; Nov. 27.
Tie fastener. D. G. Galbraith. 1,469,298; Oct. 2.
Tie fastener. J. G. Whiteacre. 1,453,648; May 1.
Tie form. H. C. Wren. 1,451,355; Apr. 10.
Tie form or holder. W. Hike. 1,473,346; Nov. 6.
Tie former and holder. H. Solomon. 1,441,607; Jan. 9.
Tie holder. W. McMeans. 1,469,096; Sept. 25.
Tie holder. P. Orsi. 1,459,926; June 26.
Tie-laying machine. W. B. Crossing. 1,443,351; Jan. 30.
Tie-loading machine. D. H. Mahoney. 1,468,315; Sept. 18.
Tie-member-fastening device. O. B. Pulis. 1,477,766; Dec. 18.
Tie plate. J. Harrison. 1,441,081; Jan. 2.
Tie plate. E. A. Peterson. 1,441,297; Jan. 9.
Tie plate. R. H. Wilke. 1,465,324; Aug. 21.
Tie plate and rail anticreeper, Combined. J. A. Hyle. 1,478,787; Dec. 25.
Tie plate and rail fastener, Combined. F. Hachmann and H. C. Sickmann. 1,445,435; Feb. 13.
Tie plate and switch-point lock. B. J. Hoover. 1,442,725; Jan. 16.
Tie plate, Anticreeper. B. L. Cleveland. 1,451,762; Apr. 17.
Tie plate, Anti-creeper. F. A. Preston. 1,445,038; Feb. 13.
Tie plate, Anticreeping. B. H. Poulos. 1,468,833; Sept. 25.
Tie press. A. A. Banks. 1,473,662; Nov. 13.
Tie press. G. W. Spayth. 1,444,218; Feb. 6.
Tiering machine, Portable. G. M. French. 1,446,968; Feb. 27.
Tie rod, Auxiliary. S. L. Gardner. 1,452,554; Apr. 24.
Tie spreader. V. O. Matchett. 1,464,577; Aug. 14.
Ties from railway tracks, Device for removing. O. J. Mendenhall. 1,478,346; Dec. 18.
Ties, Protector for rail. G. B. Cutting. 1,450,280; Apr. 3.
Tight and loose wheel. J. R. Fleming. 1,451,689; Apr. 17.
Tightener, Siding. F. Walker. 1,461,991; July 17.
Tightening and fastening device. W. A. Wright. 1,440,859; Jan. 2.
Tile and fastening means therefor. J. T. Pratt. 1,468,544; Sept. 18.
Tile and floor construction, Floor. G. G. Greulich. 1,478,872; Dec. 25.
Tile and manufacturing the same. K. L. Torno. 1,474,653; Nov. 20.
Tile, Apparatus for the manufacture of hollow. W. L. Hanley, jr. 1,455,249; May 15.
Tile assembling machine. J. J. Semashko. 1,447,155; May 15.
Tile, Building. W. J. Gilbert. 1,477,258; Dec. 11.
Tile, Building. Q. Monier. Des. 63,233; Nov. 6.
Tile, Building. Q. Monier. Des. 63,264; Nov. 13
Tile, Building. A. H. Roeth. 1,447,041; Feb. 27.
Tile, Building. C. H. Toffelmeyer. 1,475,092; Nov. 20.
Tile, Composition for building. G. Rau. 1,473,047; Nov. 6.
Tile-cutting table, Automatic. N. Allen. 1,476,479; Dec. 4.
Tile-delivery table, Automatic. N. Allen. 1,449,027; Apr. 10.
Tile for covering walls, Glass. M. Anspach. 1,454,842; Mar. 20.
Tile for walls, floors, ceilings, and the like. A. zur Kammer. 1,474,779; Nov. 20.
Tile, Hollow building. E. P. Berkes. 1,462,593; July 24.
Tile-making machine. A. H. Rush. 1,458,198; June 12.
Tile manufacture. E. L. Loudenslager. 1,451,229; Apr. 10.
Tile mold, Multiple. J. Walker. 1,448,884; Mar. 20.
Tile, Nonslip. A. A. Klein and M. F. Beecher. 1,451,462; Feb. 27.
Tile, Nonslip quartz. M. C. Booze. 1,451,456; Apr. 10.
Tile panels, Apparatus for making imitation-. A. Stockstrom. 1,473,524; Nov. 6.
Tile-perforating mechanism. D. F. Baumgartner. 1,445,740; Feb. 20.
Tile, Plaster-board. E. F. Techmer. 1,440,507; Jan. 2.
Tile press. F. E. Stevenson. 1,460,287; June 26.
Tile, Safety-tread ceramic. G. N. Jeppson and M. F. Beecher. 1,445,083; Feb. 13.
Tile structure and toilet-paper holder, Combined. H. M. Goldsmith. 1,463,775; July 31.
Tile unit. H. H. Carpenter and R. B. Keeler. 1,440,967; Jan. 2.
Tiles, Air control for drain. J. Perkins. 1,474,285; Nov. 13.
Tiles, Device for conducting surface water to drain. W. O. Sievers. 1,457,637; June 5.
Tiles, Machine for making. D. D'Alessandro and R. Pace. 1,453,381; May 1.
Tiles, Making. D. D'Alessandro and R. Pace. 1,453,382; May 1.
Tiles, Mold for hollow. J. L. Lamb. 1,448,849; Mar. 20.
Tiles or slabs having a lustrous surface and article produced thereby, Manufacture of Dutch. G. Maddalena. 1,440,882; Jan. 2.
Tiling, Method and apparatus for forming sheet. W. J. Kent. 1,441,197; Jan. 2.
Tiling, Method and machine for forming sheet. W. J. Kent. 1,459,771; June 26.
Tiling target. W. C. Treloar. 1,476,430; Dec. 4.
Tiller lock. H. T. Williams. 1,451,452; Apr. 10.
Tiller, Rotary. J. F. M. Patitz. 1,476,917; Dec. 11.
Tilting table. G. Anderson. 1,470,132; Oct. 9.
Tilting trap. H. C. Ellis. 1,460,411; July 3.
Timber clamp. J. W. Keffer. 1,468,476; Sept. 18.
Timber-cutting apparatus. C. Seymour. 1,447,606; Mar. 6.
Timber-felling apparatus. J. D. Wilson. 1,457,761; June 5.
Timber-treating apparatus. E. F. Stemmler. 1,450,897; Apr. 3.
Timberwork. R. H. Roberts. 1,448,768; Mar. 20.
Time and speed recording means. M. W. Koski. 1,466,050; Aug. 28.
Time calculator. R. N. Gardner. 1,458,649; June 12.
Time computer. H. Hollingdrake. 1,468,862; Sept. 25.
Time-control arrangement. L. J. Stern. 1,473,057; Nov. 6.
Time-control signal system. D. W. Driscoll. 1,466,471; Aug. 28.
Time-controlled actuating device. H. G. Davis. 1,445,871; Feb. 20.
Time-controlled actuating mechanism. A. Rebori. 1,446,128; Feb. 20.
Time-controlled locking mechanism. E. M. Clark. 1,458,325; June 12.
Time-controlled mechanism. H. Coyle. 1,449,316; Mar. 20.
Time-controlled switch. H. Hokanson. 1,470,323; Oct. 9.
Time-controlled switch mechanism. O. Schwengel. 1,467,507; Sept. 11.
Time indicator. C. W. Jaeger. 1,451,983; Apr. 17.
Time indicator. A. Varaud. 1,450,996; Apr. 10.
Time indicator. A. Varaud. 1,453,086–7; Apr. 24.
Time-limit device. C. D. Ainsworth. 1,467,751; Sept. 11.
Time-limit relays, Retarding device for. T. T. Greenwood. 1,464,478; Aug. 7.
Time-limit switch, Short-. G. A. Burnham. 1,450,768; Apr. 3.
Timepiece, Combined sidereal and mean solar. S. W. Balch. 1,459,710; June 26.
Timepiece hand. L. M. Williams. Des. 63,210–11; Oct. 30.
Timepiece holder. G. S. Lowndes, jr. 1,462,915; July 24.
Timepieces, Indicator for. D. P. Gleason. 1,455,482; May 15.
Time record, Race-course. J. H. McCarty. 1,445,095; Feb. 13.
Time recorder. H. M. Lawton. 1,441,435; Jan. 9.
Time recorder. T. Ross. 1,444,211; Feb. 6.
Time recorder, Elapsed-. C. S. Ellis. 1,458,689; June 12.
Time recorder, Watchman's. J. L. L. McCormack. 1,472,925; Nov. 6.
Time recorders, Indicating mechanism for. J. W. Bryce. 1,447,293; Mar. 6.
Time-recording device. E. and E. Jauch and H. Schmid. 1,449,757; Mar. 27.
Time-recording device, Watchman's. A. L. Lisoy. 1,478,666; Dec. 25.
Time register. R. S. Brown. 1,442,044; Jan. 16.
Time slot meter. C. P. Henry. 1,457,838; June 5.
Time stamp. R. Schmidt. 1,441,757; Jan. 9.
Time switch. J. F. Cermak. 1,463,253; July 31.
Time switch. E. E. Frey. 1,451,094; Apr. 10.
Time switch. J. G. H. Liebel and E. S. Flarsheim. 1,473,679; Nov. 13.
Time switch. J. Mettler. 1,467,444; Sept. 11.
Time switch. H. E. Warren. 1,471,082; Oct. 16.
Time switch, Automatic. E. A. Meyer. 1,456,139; May 22.
Time switch, Automatic. L. S. Uphoff. 1,440,803; Jan. 2.
Time switches, Retarding device for. W. H. Petersén. 1,473,971; Nov. 13.

Time table. S. S. Lucas. 1,465,016–7; Aug. 14.
Time-tables, Method and chart for determining. B. H. Mann. 1,443,234; Jan. 23.
Timer. L. J. Bair. 1,446,371; Feb. 20.
Timer. E. R. Barker. 1,469,032; Sept. 25.
Timer. R. C. Clarke. 1,473,079; Nov. 6.
Timer. L. L. Evans. 1,466,392; Aug. 28.
Timer. J. P. Field. 1,449,740; Mar. 27.
Timer. A. C. Hartman. 1,475,820; Nov. 27.
Timer. J. E. Higby. 1,456,485; May 22.
Timer. A. W. Holway. 1,462,700; July 24.
Timer. E. J. Lee. 1,459,678; June 19.
Timer. H. G. Lorenson. 1,472,180; Oct. 30.
Timer. A. P. McCulloch. 1,452,884; Apr. 24.
Timer. J. C. Osborn. 1,460,823; July 3.
Timer. O. E. Pearson. 1,449,347; Mar. 20.
Timer. F. Riegelman. 1,472,939; Nov. 6.
Timer. E. S. Rush. 1,449,059; Mar. 20.
Timer. E. E. Savard. 1,468,405; Sept. 18.
Timer. J. H. Story. 1,458,252; June 12.
Timer. E. Von Hambach. 1,462,309; July 17.
Timer. G. Williams. 1,470,230; Oct. 9.
Timer, Automatic. W. C. F. Haefner. 1,442,884; Jan. 23.
Timer cover. P. H. Fielding. 1,464,757; Aug. 14.
Timer extension. L. W. Lockwood. 1,469,440; Oct. 2.
Timer mechanism, Releasable. R. D. Smith. 1,468,580; Sept. 18.
Timer oiler. G. W. Mead. 1,475,643; Nov. 27.
Timers, Contact for. A. C. Hartman. 1,475,819; Nov. 27.
Timing apparatus. C. M. Crook. 1,460,707; July 3.
Timing device. H. Hinckley. 1,443,573; Jan. 30.
Timing device. E. G. Johanson. 1,456,313; May 22.
Timing device. P. S. Luttrell and P. C. Roske. 1,466,842; Sept. 4.
Timing device, Electrically-influenced. H. H. McIntire. 1,464,951; Aug. 14.
Timing mechanism. O. Z. Brewer. 1,460,405; July 3.
Timing mechanism. C. A. Mayer. 1,463,367; July 31.
Tin and antimony, Refining. G. Bonnard. 1,475,422; Nov. 27.
Tin and iron products from tinned-iron waste, Recovery of. H. V. Welch and W. A. Sheek. 1,446,953; Feb. 27.
Tin, Electrodeposition of. L. D. Simpkins. 1,452,573; Apr. 24.
Tin, Electrolytic refining or depositing of. C. G. Fink. 1,466,126; Aug. 23.
Tin from impure ores, Recovering. H. H. Alexander. 1,461,957; July 17.
Tin-plate branning and cleaning machine. W. N. Durbin. 1,456,629; May 29.
Tin-plate branning or grease-removing machine. S. Davies. 1,471,108; Oct. 16.
Tin plates for cold rolling, Loosening (opening). A. Kontsek. 1,467,859; Sept. 11.
Tin scrap and the like, Detinning. E. Kardos. 1,471,469; Oct. 23.
Tin-sheet separator. J. Evans. 1,473,927; Nov. 13.
Tin sponge article of manufacture and producing and utilizing the same. E. Kardos. 1,466,837; Sept. 4.
Tinning and galvanizing machine. L. Jones. 1,446,506; Feb. 27.
Tinning machine, Automatic-feed. E. C. Pool. 1,448,711; Mar. 13.
Tinning-machine catcher. B. A. West. 1,442,838; Jan. 23.
Tins and containers, Opening device for closed or sealed. W. Selby-Fayers and E. R. Gates. 1,463,443; July 31.
Tins, Device for use in emptying benzine and like. A. J. Denize. 1,448,732; Mar. 20.
Tins, Loose cover and cutter for hermetically-sealed. H. Hermani. 1,460,845; July 3.
Tinsmith's furnace. T. E. Rooke. 1,448,944; Mar. 20.
Tipping and wrapping machine. P. Pachter. 1,453,636; May 1.
Tire. H. Alexander. Des. 63,019; Sept. 18.
Tire. J. E. Allen. Des. 63,276; Nov. 20.
Tire. F. E. Bessler. Des. 61,797; Jan. 16.
Tire. J. J. Black. Des. 63,022; Sept. 18.
Tire. E. H. Broadwell. Des. 63,251; Nov. 13.
Tire. R. F. Cataldo. 1,477,425; Dec. 11.
Tire. M. T. Conroy. 1,459,362; June 19.
Tire. W. E. Curtis. 1,451,977; Apr. 17.
Tire. W. R. Denman. Des. 63,457–8; Dec. 11.
Tire. M. M. Dessau. 1,476,878; Dec. 11.
Tire. F. Disch. Des. 62,395; May 22.
Tire. W. H. Dornburgh. 1,440,974; Jan. 2.
Tire. H. J. Doughty. 1,446,165; Feb. 20.
Tire. G. F. Englert. Des. 62,902; Aug. 21.
Tire. C. Escher. 1,458,040; June 5.
Tire. H. C. Fitch. 1,466,498; Aug. 28.
Tire. A. A. Frank. Des. 63,292; Nov. 20.
Tire. E. O. Fritch. Des. 62,985; Sept. 4.
Tire. H. A. Githens. Des. 63,642; Dec. 25.
Tire. H. H. Hastings. Des. 61,754; Jan. 2.
Tire. H. R. Haupt. 1,453,351; May 1.
Tire. G. Hubach. Des. 63,300; Nov. 20.
Tire. E. A. Johnson. 1,460,588; July 3.
Tire. J. G. Johnson. 1,460,247; June 26.
Tire. S. Kawanishi. 1,442,073; Jan. 16.
Tire. D. S. Kennedy. 1,467,172; Sept. 4.
Tire. G. H. W. Lindhorst. 1,469,670; Oct. 2.
Tire. G. L. Mather. Des. 63,478; Dec. 11.
Tire. J. W. Miller. 1,458,662; June 12.
Tire. R. H. Nesmith. Des. 63,480; Dec. 11.
Tire. F. B. Pfeiffer. 1,452,217; Apr. 17.
Tire. C. Pharis. Des. 63,316–7; Nov. 20.
Tire. B. H. Pratt. Des. 63,494; Dec. 11.
Tire. W. N. Raach and C. E. Shurtliffe. Des. 62,620; July 3.
Tire. E. E. Redden. 1,470,105; Oct. 9.
Tire. G. de la Rigaudiere. Des. 63,322; Nov. 20.
Tire. C. H. Roper. Des. 63,327; Nov. 20.
Tire. H. G. Schmidt. Des. 61,791; Jan. 9.
Tire. H. G. Schmidt. Des. 63,497–8; Dec. 11.
Tire. B. H. Schreiber. 1,477,453; Dec. 11.
Tire. A. K. Simmons. Des. 62,422–3; May 22.
Tire. A. K. Simmons. Des. 62,853–6; Aug. 7.
Tire. J. Tenney, jr. Des. 62,593; June 26.
Tire. J. B. Topham. Des. 62,967–70; Aug. 28.
Tire. H. B. Walton. 1,456,163; May 22.
Tire. J. S. Walton. 1,471,580; Oct. 23.
Tire. T. E. Ware. 1,456,202; May 22.
Tire. A. J. Wiegand. 1,461,766; July 17.
Tire. W. S. Wolfe. Des. 62,972; Aug. 28.
Tire and engine gauge. J. M. and H. Trusty. 1,448,168; 1,448,657; Mar. 13.
Tire and fabric therefor. A. E. Jury. 1,470,924; Oct. 16.
Tire and hoop rolling mill. G. Baker. 1,442,636; Jan. 16.
Tire and making same, Cord. W. B. Harsel. 1,475,300; Nov. 27.
Tire and making same, Elastic. J. F. Sipe. 1,452,099; Apr. 17.
Tire and making the same, Pneumatic. H. L. Trumbull. 1,476,381; Dec. 4.
Tire and manufacture of the same. E. H. Jones. 1,478,788; Dec. 25.
Tire and manufacture thereof, Cushion. L. R. Davis. 1,472,903; Nov. 6.
Tire and means for securing the same, Sectional resilient automobile. L. Y. Croft. 1,441,403; Jan. 9.
Tire and rim construction. C. N. McClintock. 1,462,117; July 17.
Tire and rim, Demountable hard-rubber cushioned. J. H. Clark. 1,451,143; Apr. 10.
Tire and rim therefor, Combined cushion and pneumatic. E. E. Thrasher. 1,447,739; Mar. 6.
Tire and wheel, Resilient. J. Weltmer. 1,449,471; Mar. 27.
Tire adapter. C. H. Will. 1,468,221; Sept. 18.
Tire alarm. E. E. Darling. 1,451,291; Apr. 10.
Tire-alarm device. T. Martin. 1,447,595; Mar. 6.
Tire alarm, Flat-. M. J. Barry. 1,465,837; Aug. 21.
Tire alarms, Circuit closer for soft-. G. L. Stevens. 1,451,596; Apr. 10.
Tire armor. L. C. Bonifacino and M. B. Irby. 1,456,421; May 22.
Tire armor. W. L. Hamm. 1,450,288; Apr. 3.
Tire armor. L. Hitchcock. 1,475,302; Nov. 27.
Tire armor. H. B. Raymond and R. J. Baker. 1,448,150; Mar. 13.
Tire armor. C. F. Tucker. 1,444,814; Feb. 13.
Tire, Armored. J. C. Mire. 1,458,191; June 12.
Tire, Armored pneumatic. C. Scheuner. 1,455,412; May 15.
Tire attachment. H. H. Hathaway. 1,478,983; Dec. 25.
Tire attachment. C. C. Marble. 1,473,680; Nov. 13.
Tire attachment, Pneumatic. W. A. Shuey. 1,453,530; May 1.
Tire, Automobile. W. A. Brubaker. Des. 62,532; June 19.
Tire, Automobile. J. D. Comstock. Des. 62,667; July 17.
Tire, Automobile. A. Granat. 1,443,258; Jan. 23.
Tire, Automobile. J. Greszczuk. 1,453,224; Apr. 24.
Tire, Automobile. E. L. Hodge. 1,455,615; May 15.
Tire, Automobile. H. Hoffstaedter. Des. 63,645; Dec. 25.
Tire, Automobile. L. De Holczer. Des. 63,299; Nov. 20.
Tire, Automobile. H. C. Hower. Des. 61,872–3; Feb. 6.
Tire, Automobile. H. C. Hower. Des. 63,227–9; Nov. 6.
Tire, Automobile. R. H. Keaton. Des. 62,487; June 12.
Tire, Automobile. C. W. McKone. Des. 62,846; Aug. 7.
Tire, Automobile. J. G. Wolfe. Des. 62,931; Aug. 21.
Tire, Automobile. B. F. Worrell. Des. 62,432; May 22.
Tire, Automobile spring. J. R. Tucker and E. M. Ayers. 1,455,236; May 15.
Tire base and making the same. H. W. Kranz. 1,441,004; Jan. 2.
Tire bead and making the same. M. A. Marquette. 1,462,517; July 24.
Tire beads, Apparatus for the preparation of. H. F. Maranville. 1,451,169; Apr. 10.
Tire, Belt. C. W. Shipley. 1,471,533; Oct. 23.
Tire blanks, Machine for building cylindrical. B. De Mattia. 1,442,653; Jan. 16.
Tire boot. L. T. and T. E. Peffer. 1,451,712; Apr. 17.
Tire-boring machine. J. Miley. 1,466,028; Aug. 28.
Tire building and finishing core, Collapsible. J. R. Quin. 1,465,769; Aug. 21.
Tire-building apparatus. F. F. Brucker. 1,443,939; Jan. 30.
Tire-building machine. W. H. Hermann. 1,468,809; Sept. 25.
Tire-building machine. H. V. Lough. 1,443,369. Jan. 30.
Tire-building machine (horizontal adjustment). W. H. Hermann. 1,469,272; Oct. 2.

Tire-building machines, Beading and trimming device for. W. H. Hermann. 1,469,012; Sept. 25.
Tire-building machines, Tension device for. T. Midgley. 1,450,747; Apr. 3.
Tire-bundling machine. A. Miller. 1,464,010; Aug. 7.
Tire carcasses, Machine for making. W. C. Stevens.
Tire carrier. W. H. Aldridge. 1,446,535; Feb. 27. 1,447,441; Mar. 6.
Tire carrier. L. Gallegos. 1,443,817; Jan. 30.
Tire carrier. P. H. John. 1,463,957; Aug. 7.
Tire carrier. A. E. Johnson and L. H. Taffee. 1,451,262; Apr. 10.
Tire carrier. W. J. Keegan, jr., A. H. Callaghan, and D. A. Moore. 1,464,941; Aug. 14.
Tire carrier. J. S. Kern. 1,449,329; Mar. 20.
Tire carrier. F. A. Lane. 1,459,473; June 19.
Tire carrier. D. G. Roos. 1,445,913; Feb. 20.
Tire carrier. C. C. Steel and T. H. Lynn. 1,478,406; Dec. 25.
Tire carrier. E. D. Stinson. 1,461,503; July 10.
Tire carrier. H. A. Weaver. 1,441,050; Jan. 2.
Tire carrier and cover, Combined. T. A. Rianda. 1,460,274; June 26.
Tire carrier, and lock, Spare-. O. A. Loew. 1,464,009; Aug. 7.
Tire carrier and rim remover, Combined. J. M. Sousa. 1,446,485; Feb. 27.
Tire carrier and rim tool, Combined. J. J. Miller. 1,472,130; Oct. 30.
Tire carrier, Auxiliary-. J. C. Manock 1,455,118; May 15.
Tire carrier, Detachable. W. E. Kelly. 1,471,268; Oct. 16.
Tire carrier, Extra-spare-. P. J. Cassidy. 1,447,643; Mar. 6.
Tire-carrier lock. W. J. Hunt. 1,451,615; Apr. 10.
Tire carrier, Valve-protecting. J. B. Heiser. 1,457,735; June 5.
Tire-carrying rim, Sectional. J. C. Cooper and J. J. Sigrist. 1,458,031; June 5.
Tire-carrying rims to road vehicles, etc., Device for locking demountable. E. A. Bradshaw, C. W. S. Black, and A. P. Nicholls. 1,474,139; Nov. 13.
Tire case. G. E. Bloss. 1,459,319; June 19.
Tire casing. L. Brown. 1,449,582; Mar. 27.
Tire casing. F. L. La Tulip. 1,464,206; Aug. 7.
Tire casing. W. E. McCormish. Des. 62,064–6; Mar. 13.
Tire casing. R. J. O'Brien. 1,478,833; Dec. 25.
Tire casing. F. B. Pfeiffer. 1,442,293; Jan. 16.
Tire casing. H. S. Rector. Des. 62,174; Apr. 3.
Tire casing. F. G. Schenuit. 1,462,984; July 24.
Tire casing carcasses, Machine for making automobile. W. E. Williams. 1,441,767; Jan. 9.
Tire-casing-holding device. E. L. Monroe. 1,443,141; Jan. 23.
Tire casing, Pneumatic-. H. F. Andrich. 1,455,855; May 22.
Tire casing, Reenforced pneumatic-. H. Nicholson. 1,460,599; July 3.
Tire-casing trimming and lining machine, Automobile. F. C. Moore. 1,565,229; Aug. 14.
Tire casings, Apparatus for manufacturing. W. J. Steinle. 1,470,889; Oct. 16.
Tire casings, Apparatus for vulcanizing. J. Traum 1,470,657; Oct. 16.
Tire casings, Decorating automobile. J. D. Comstock. 1,448,286; Mar. 13.
Tire casings, Method and apparatus for molding. T. Midgley. 1,472,881; Nov. 6.
Tire casings, Method of and apparatus for making. F. B. Converse. 1,476,325; Dec. 4.
Tire casings, Pneumatic-. P. J. Clarke. 1,450,170; Apr. 3.
Tire casings, Process and apparatus for manufacturing. E. Hopkinson and J. P. Coe. 1,474,149; Nov. 13.
Tire casings, Self-vulcanizing boot for. E. M. Sabin. 1,441,176; Jan. 2.
Tire chain. F. Andraska. 1,452,405; Apr. 17.
Tire chain. P. B. Blocker. 1,471,586; Oct. 23.
Tire chain. R. W. Evans. 1,449,092; Mar. 20.
Tire chain. R. W. Evans. 1,456,181; May 22.
Tire chain. H. C. Fisher and T. O. Clark. 1,473,340; Nov. 6.
Tire chain. L. B. Servis, H. P. Randall, and S Q Shannon. 1,473,797; Nov. 13.
Tire chain. C. Van Steenbergen. 1,475,040; Nov. 20.
Tire-chain apparatus, Vehicle. P. G. Hughes. 1,467,639; Sept. 11.
Tire-chain-attaching device and carrier. J. P. Hart. 1,466,374; Aug. 28.
Tire chain, Automobile. S. E. Dingwell. 1,471,248; Oct. 16.
Tire chain, Automobile. R. Pepper. 1,441,113; Jan. 2.
Tire chain, Automobile. H. Smith. 1,458,081; June 5.
Tire-chain carrier. J. J. Eyre. 1,462,789; July 24.
Tire-chain connector. T. F. Carroll. 1,441,483; Jan. 9.
Tire-chain coupling. C. W. Thurau. 1,474,692; Nov. 20.
Tire-chain hook. A. Falstrault. 1,466,615; Aug. 28.
Tire chain hook and tightener. R. J. Kleineck. 1,445,598; Feb. 13.
Tire-chain lock and elastic take-up. A. A. Smith and H. W. Paine. 1,462,666; July 24.
Tire-chain-mounting device. J. Schneider. 1,460,506; July 3.
Tire-chain tightener. A. Chichy. 1,467,228; Sept. 4.
Tire-chain tightener. W. Emary. 1,446,791; Feb. 27.
Tire-chain tightener. H. M. Fuller and H. K. Downing. 1,440,591; Jan. 2.
Tire-chain tightener and lock. L. Slama. 1,462,249; July 17.
Tire-chain tightener, Automobile. C. Wethern. 1,464,553; Aug. 14.
Tire chains, Connecting and fastening means for. O. L. Harrison. 1,440,991; Jan. 2.
Tire chains, Connecting link for. H. A. Corrington. 1,465,710; Aug. 21.
Tire chains, Connector link for. I. G. Yoders and J. C. Filby. 1,451,856; Apr. 17.
Tire chains, Hook for. C. H. Widstrand. 1,462,590; July 24.
Tire chains, Lock for. R. C. Wagner. 1,463,604; July 31.
Tire chains, Tool for applying and removing. L. D. Falconer. 1,456,484; May 22.
Tire chains, Tool for attaching and removing. H. F. Hotchkiss. 1,453,874; May 1.
Tire changer. C. A. Clark. 1,471,591; Oct. 23.
Tire changer. G. R. Hudson and F. M. Culp. 1,459,303; June 19.
Tire changer. W. S. Robinett. 1,451,344; Apr. 10.
Tire-changing jack. L. J. McKone. 1,462,040; July 17.
Tire clamp. R. F. Lace. 1,460,385; July 3.
Tire core, Collapsible. H. A. Denmire. 1,467,142; Sept. 4.
Tire construction. A. Ancidoni. 1,452,136; Apr. 17.
Tire construction. E. H. Dickensheet. 1,475,225; Nov. 27.
Tire construction. H. H. Harris. 1,477,442; Dec. 11.
Tire construction. O. J. Humphrey. 1,444,123; Feb. 6.
Tire construction. W. G. Lerch. 1,462,453; July 17.
Tire construction. F. B. Pfeiffer. 1,461,984; July 17.
Tire construction, Resilient. S. C. B. Brown. 1,454,036; May 8.
Tire container, Spare-. C. S. Baker. 1,456,962; May 29.
Tire, Cord. C. L. Archer. 1,451,645; Apr. 10.
Tire core, Collapsible. H. A. Denmire. 1,454,995; May 15.
Tire core, Collapsible. F. A. Richards and C. M. Shogren. 1,440,495; Jan. 2.
Tire core, Rubber-. T. J. Barker. 1,470,048; Oct. 9.
Tire cover. C. E. G. Palmen. 1,465,313; Aug. 21.
Tire cover for automobiles, Spare-. W. G. Bate. 1,461,021; July 10.
Tire, Cushion. J. A. X. Burgos. 1,458,926; June 19.
Tire, Cushion. F. A. Krusemark. 1,462,760; July 24.
Tire, Cushion. J. E. Mackay. 1,472,986; Nov. 6.
Tire, Cushion. L. E. Ray. 1,449,549; Mar. 27.
Tire, Cushion. C. F. Ribak. 1,450,818; Apr. 3.
Tire, Cushion. V. L. Wilson. 1,473,270; Nov. 6.
Tire, Cushion pneumatic. A. J. Hicks. 1,456,775; May 29.
Tire, Cushioning. G. Orbin. 1,444,265; Feb. 6.
Tire-cutting implement. F. J. Curtis. 1,471,686; Oct. 23.
Tire-deflation signal. R. A. Crosby. 1,450,769; Apr. 3.
Tire, Demountable spring. F. W. Stoltje. 1,445,979; Feb. 20.
Tire, Elastic. F. A. Connolly. 1,449,588; Mar. 27.
Tire, Elastic. F. E. Craig. 1,470,913; Oct. 16.
Tire, Elastic vehicle. E. H. Trump. Des. 62,971; Aug. 28.
Tire, Emergency. B. C. Gochenour. 1,447,072; Feb. 27.
Tire, Emergency sectional. A. S. Brown. 1,478,885; Dec. 25.
Tire fabric. B. R. Blackwelder. 1,457,892; June 5.
Tire fabric, Apparatus for plying up. J. R. Gammeter. 1,458,476; June 12.
Tire fabric, Apparatus for plying up. J. R. Gammeter. Re15,699; Oct. 16.
Tire fabric, Cord-. F. C. Hall. 1,444,070; Feb. 6.
Tire fabrics, Fabricating. G. M. Eames. 1,467,289; Sept. 4.
Tire filler. V. O. Moutray. 1,453,884; May 1.
Tire filler. G. M. Schwendler. 1,468,035; Sept. 18.
Tire filler. S. Vitaliano. 1,462,837; July 24.
Tire filler. H. G. and L. B. Westgate. 1,444,892; Feb. 13.
Tire flap. J. R. Gammeter. 1,467,313; Sept. 11.
Tire flap. A. L. and E. H. Leeth. 1,445,443; Feb. 13.
Tire flap, Heavy-truck-. A. O. Abbott, jr. 1,450,163; Apr. 3.
Tire flap, Pneumatic-. W. E. Shively. 1,475,147; Nov. 20.
Tire for automobiles and other vehicles. H. Lubeck. 1,443,080; Jan. 23.
Tire for road vehicles, Solid elastic. J. F. Sipe. 1,455,361; May 15.
Tire for vehicle wheels, Nonskid. P. A. Cozakos. 1,468,439; Sept. 18.
Tire for vehicle wheels, Resilient. C. Nôel. 1,477,518; Dec. 11.
Tire for vehicle wheels, Spring. J. Lamb. 1,472,918; Nov. 6.
Tire for wheels of road vehicles. W. C. Bilham. 1,472,383; Oct. 30.
Tire for wheels, Solid. V. M. Cabretosa. 1,454,103; May 8.
Tire-forming machine. J. D. Lacroix. 1,446,755; Feb. 27.
Tire-forming roller, Rubber-. R. McClenathen. 1,456,109; May 22.
Tire gauge. A. E. Hahn. 1,444,152; Feb. 6.

Tire gauge cutter. E. O. Fellroth. 1,462,198; July 17.
Tire-grooving machine, Solid-. A. Hargraves. 1,442,612; Jan. 16.
Tire guard. O. H. Brown. 1,471,237; Oct. 16.
Tire guard. O. C. Russell. 1,449,913; Mar. 27.
Tire guard. W. Thompson 1,443,059; Jan 23.
Tire guard, Articulated. H. S. Esch. 1,451,013; Apr. 10.
Tire-handling device. G. F. Dallas. 1,472,556; Oct. 30.
Tire heater. W. A. and T. J. Maas. 1,454,295; May 8.
Tire holder. E. G. Jeffries. 1,453,566; May 1.
Tire holder. F. Kirkwood. 1,448,304; Mar. 13.
Tire holder and locking bar. W. H. Turton. 1,441,312; Jan. 9.
Tire holder, Automobile. R. C. Baxter, E. F. Galloway, and H. E. Gray. 1,476,581; Dec. 4.
Tire holder for automobiles, Spare-. W. H. McKay and E. E. Doering. 1,442,285; Jan. 16.
Tire holder, Spare-. J. E. Sisk. 1,464,371; Aug. 7.
Tire-holding device. C. E. Strifler. 1,473,943; Nov. 13.
Tire-inflating apparatus. A. L. Powell. 1,464,443; Aug. 7.
Tire-inflating apparatus for automobiles. J. H. Howard. 1,471,264; Oct. 16.
Tire-inflating apparatus, Pneumatic-. F. N. and G. R. Cooley. 1,471,777; Oct. 23.
Tire-inflating device. H. D. Hazelbaker. 1,470,446; Oct. 9.
Tire-inflating nipple. A. Mull. 1,475,853; Nov. 27.
Tire-inflating pump. T. M. Davies. 1,452,870; Apr. 24.
Tire, Inner. A. J. Stephens. 1,475,326; Nov. 27.
Tire, Inner tube for. H. C. Babel. 1,440,860; Jan. 2.
Tire liners, Method of and apparatus for laying reenforcing plates in the manufacture of. E. J. Moran. 1,465,611; Aug. 21.
Tire lock. J. L. Huston. 1,453,139; Apr. 24.
Tire lock. G. A. E. Mellin. 1,474,541; Nov. 20.
Tire lock, Automobile. A. B. Shultz. 1,444,214; Feb. 6.
Tire lock, Spare. W. T. Campbell. 1,441,328; Jan. 9.
Tire lock, Spare-. C. R. Mennillo. 1,462,238; July 17.
Tire-loosening device. L. W. Woodhall. 1,447,113; Feb. 27.
Tire machine. R. S. Trogner. 1,462,465; July 17.
Tire-making machine. J. M. Mylroie. 1,453,763; May 1.
Tire-making machines, Stitcher mechanism for. R. A. Holmes. 1,465,552; Aug. 21.
Tire manufacture. T. Midgley. 1,455,260; May 15
Tire-mileage indicator. A. G. Sargent. 1,479,981; Oct. 23.
Tire mold. R. M. Merriman. 1,455,218; May 15.
Tire mold, Cast-steel. J. H. Mulloy. 1,456,187; May 22.
Tire-mold-clamping bolt. E. Lux. 1,462,712; July 24.
Tire mounting. W. T. Gulledge. 1,473,623; Nov. 13.
Tire, Noiseless. L. T. Frederick. 1,440,453; Jan. 2.
Tire, Nonpneumatic. C. A. Fisk. 1,450,843; Apr. 3.
Tire, Nonpneumatic. C. A. Fisk. 1,465,898; Aug. 21.
Tire nonskid device. M. Hallanan. 1,473,425; Nov. 6.
Tire, Nonskid tread for a pneumatic. A. L. Murray. Des. 63,002; Sept. 4.
Tire of the chamber type, Cushion. J. Cairnes. 1,475,427; Nov. 27.
Tire or wheel carrier. C. W. McKinley. 1,470,996; Oct. 16.
Tire-painting machine. J. R. Gammeter. 1,471,787; Oct. 23.
Tire patch. T. J. Jackson. 1,473,184; Nov. 6.
Tire, Permanent substitute. J. Toren. 1,463,914; Aug. 7.
Tire, Pneumatic. M. J. C. André. 1,458,458; June 12.
Tire, Pneumatic. L. W. Baldwin. 1,474,429; Nov. 20.
Tire, Pneumatic. W. R. Busenbark. 1,452,787; Apr. 24.
Tire, Pneumatic. F. S. Dickinson and J. Springer. 1,454,469; May 8.
Tire, Pneumatic. R. B. Disbrow. 1,466,891; Sept. 4.
Tire, Pneumatic. T. D. Frazier. 1,450,800; Apr. 3.
Tire, Pneumatic. T. Griffiths. 1,459,529; June 19.
Tire, Pneumatic. M. J. Herzog. 1,464,709; Aug. 14.
Tire, Pneumatic. L. W. Hottel. Des. 63,135; Oct. 16.
Tire, Pneumatic. P. Jones. 1,472,913; Nov. 6.
Tire, Pneumatic. E. B. Killen. 1,456,062; May 22.
Tire, Pneumatic. W. Margraf. 1,442,436; Jan. 16.
Tire, Pneumatic. M. Motoki and C. Yagi. 1,464,085; Aug. 7.
Tire, Pneumatic. B. J. Mullikin. 1,445,540; Feb. 13.
Tire, Pneumatic. F. O. Muro. 1,465,169; Aug. 14.
Tire, Pneumatic. F. A. Nied. Des. 63,140; Oct. 16.
Tire, Pneumatic. W. E. Powers and M. F. Hannigan. 1,456,908; May 29.
Tire, Pneumatic. S. B. Robertson. Des. 63,112; Oct. 2.
Tire, Pneumatic. J. A. Rogers. 1,462,942; July 24.
Tire, Pneumatic. H. S. Rector. 1,452,168; Apr. 17.
Tire, Pneumatic. W. R. Savage. 1,443,652; Jan. 30.
Tire, Pneumatic. A. B. Schleicher. Des. 63,590; Dec. 18.
Tire, Pneumatic. G. G. Schoneberger. 1,474,387; Nov. 20.
Tire, Pneumatic, H. F. Sheldon. 1,442,007; Jan. 9.
Tire, Pneumatic. W. E. Shively. 1,457,942; June 5.
Tire, Pneumatic. J. D. Tew. Des. 63,115; Oct. 2.
Tire, Pneumatic. N. G. Warth. 1,467,665; Sept. 11.
Tire, Pneumatic. D. M. Weigel. 1,453,217; Apr. 24.
Tire, Pneumatic. E. H. Wickert. 1,451,640; Apr. 10.
Tire, Pneumatic. G. H. Witsaman. 1,444,533; Feb. 6.
Tire press. M. A. Pearson. 1,467,948; Sept. 11.
Tire pressure gauge. A. Badowski. 1,471,322; Oct. 23.
Tire-pressure gauge and signal, Pneumatic. W. G. and O. Sampson. 1,445,043; Feb. 13.
Tire-pressure gauge, Automatic. R. L. Whipple, D. P. Rockwell, and C. C. Featherstone. 1,474,099; Nov. 13.
Tire protector. A. Grilli. 1,442,722; Jan. 16.
Tire protector. C. B. Jackson. 1,453,140; Apr. 24.
Tire protector. W. A. Johnson. 1,475,266; Nov. 27.
Tire protector. C. Ratelle. 1,456,829; May 29.
Tire protector and antiskidding device. H. A. Myer. 1,458,238; June 12.
Tire protector, Antiskid-. B. M. Talley. 1,450,764; Apr. 3.
Tire protector, Exterior rubber-. J. J. McDonald. 1,468,643; Sept. 25.
Tire protector, Nonskid-. B. Santini. 1,451,054; Apr. 10.
Tire protector, Pneumatic-. C. W. Bain. 1,460,781; July 3.
Tire pump. H. J. Boosted. 1,456,719; May 29.
Tire pump. P. Wajdic. 1,462,432; July 17.
Tire pump, Automatic. G. H. Anthony. 1,448,248; Mar. 13.
Tire-pump-operating means and running-board-connecting means. T. A. W. McCurdy. 1,469,095; Sept. 25.
Tire pumps, Air cooling and purifying device for motor-drive. D. Rohrer. 1,443,435; Jan. 30.
Tire pumps, Auxiliary valve attachment for. J. P. Firpo. 1,442,933; Jan. 23.
Tire, Punctureproof. H. Behrns. 1,447,009; Feb. 27.
Tire, Punctureproof pneumatic. R. Grieve and J. W. Flading. 1,453,348; May 1.
Tire rack. F. K. Lawrence. Re. 15,546; Feb. 20.
Tire rack, Automobile. C. F. Hull. 1,450,084; Mar. 27.
Tire rack for automobiles. L. A. Nares. Re15,695; Oct. 2.
Tire remover. A. Boock. 1,473,397; Nov. 6.
Tire remover. M. P. Breon. 1,442,519; Jan. 16.
Tire-removing tool. C. B. Snider. 1,475,517–19; Nov. 27.
Tire-repair device. E. M. Simpson and J. H. Buckles. 1,451,121; Apr. 10.
Tire-repairing tool. W. R. Kepler. 1,470,575; Oct. 9.
Tire, Resilient. J. M. Abrams. 1,473,414; Nov. 6.
Tire, Resilient. A. Benson. 1,456,966; May 29.
Tire, Resilient. V. L. Buchman. 1,458,267; June 12.
Tire, Resilient. H. A. Carson. 1,450,473; Apr. 3.
Tire, Resilient. P. Di Cesare. 1,466,522; Aug. 28.
Tire, Resilient. J. L. Donat. 1,452,293; Apr. 17.
Tire, Resilient. E. Favary. 1,457,512; June 5.
Tire, Resilient. O. D. Hollenbeck. Des. 63,646; Dec. 25.
Tire, Resilient. E. G. Hulse. 1,445,768; Feb. 20.
Tire, Resilient. E. G. Hulse. 1,447,784; Mar. 6.
Tire, Resilient. E. G. Hulse. 1,470,922; Oct. 16.
Tire, Resilient. E. G. Hulse. 1,477,564; Dec. 18.
Tire, Resilient. R. Iredell. Des. 62,536; June 19.
Tire, Resilient. C. G. Lundstrom. 1,466,133; Aug. 28.
Tire, Resilient. C. E. Murray, jr. 1,473,502; Nov. 6.
Tire, Resilient. T. Phaneuf. 1,475,140; Nov. 20.
Tire, Resilient. D. M. Rothenberger. 1,440,699; Jan. 2.
Tire, Resilient. C. Schneider. 1,461,986; July 17.
Tire, Resilient. H. O. Smith. Des. 63,665; Dec. 25.
Tire, Resilient channel and cushion. C. S. Preston. 1,469,020; Sept. 25.
Tire, Resilient non-inflatable. A. L. Austin. 1,441,654; Jan. 9.
Tire, Resilient vehicle. S. Heintz. Des. 63,644; Dec. 25.
Tire, Resilient vehicle. J. E. Mote. 1,453,804; May 1.
Tire-retreading device. J. D. Williford. 1,445,428; Feb. 13.
Tire rim. P. Schultze. 1,465,096; Aug. 14.
Tire rim. J. H. Taylor. 1,454,797; May 8.
Tire rim, Automobile. J. A. Beddingfield. 1,450,786; Apr. 3.
Tire rim, Automobile. J. A. Bedingfield. 1,450,787; Apr. 3.
Tire rim, Demountable. J. W. Akard. 1,445,926; Feb. 20.
Tire rim, Demountable. C. S. Martin. 1,453,633; May 1.
Tire-rim expanding and contracting implement. A. J. West. 1,443,300; Jan. 23.
Tire-rim rack. C. H. Larson. 1,462,455; July 17.
Tire rim, Resilient-. J. F. Stranahan. 1,465,376; Aug. 21.
Tire-rim tool. A. C. Elliott. 1,443,015; Jan. 23.
Tire rims, Clamp lug for. S. B. Collier. 1,447,710; Mar. 6.
Tire rims, Collapsible. J. M. Meredith. 1,447,804; Mar. 6.
Tire rims, Combined contractor and expander for automobile. A. C. Hoecker. 1,465,305; Aug. 21.
Tire rims to vehicle wheels, Means for securing. J. M. Mundy. 1,444,635; Feb. 6.
Tire rims, Tool for. B. V. Unger. 1,450,965; Apr. 10.
Tire rings, Machine for covering. M. Brodeur. 1,463,868; Aug. 7.
Tire, Rubber. M. R. Shaw. 1,471,070; Oct. 16.
Tire, Rubber. C. H. Wheeler. Des. 62,659; July 10.
Tire shoe. M. D. Logan. 1,463,429; July 31.
Tire shoe, Nonskidding. J. A. LeBlanc. 1,451,074; Apr. 10.
Tire, Single-tube. F. Rosete. 1,444,706; Feb. 6.
Tire, Single-tube bicycle. A. K. Trenholme. 1,457,287; May 29.
Tire, Single-tube pneumatic. W. H. Kern. 1,461,485; July 10.
Tire, Solid. J. C. Tuttle. 1,475,094; Nov. 20.
Tire, Solid-tread pneumatic. B. J. Whitcomb. 1,478,156; Dec. 18.

Tire, Solid truck. W. von Kothen. 1,464,786; Aug. 14
Tire spreader. P. R. Battaline. 1,469,473; Oct. 2.
Tire spreader. W. B. Ecker. 1,450,944; Apr. 10.
Tire spreader. R. J. Miller. 1,445,343; Feb. 13.
Tire, Spring. A. E. Bauman. 1,462,440; July 17.
Tire, Spring. T. H. Gammon. 1,458,117; June 5.
Tire-stem pressure gauge. A. Badowski. 1,471,324–5; Oct. 23.
Tire stitcher. J. F. Richter. 1,465,177; Aug. 14.
Tire-stripping apparatus. W. C. Stevens. 1,462,524; July 24.
Tire structure. W. A. Walsh. 1,460,775; July 3.
Tire structure, Cushion-. J. R. Gammeter. 1,445,014; Feb. 13.
Tire structures, Making cushion-. F. R. Klaus and F. H. Meyer. 1,461,531; July 10.
Tire, Suspension. F. W. Adsit. 1,475,925; Dec. 4.
Tire tightener. H. P. Wiens. 1,470,791; Oct. 16.
Tire tool. F. V. Anderson. 1,469,138; Sept. 25.
Tire tool. E. Eichman. 1,441,671; Jan. 9.
Tire tool. L. de Fernelmont. 1,452,596; Apr. 24.
Tire tool. J. S. Grassfield. 1,448,211; Mar. 13.
Tire tool. F. Hays. 1,450,209; Apr. 3.
Tire tool. W. W. Hileman. 1,461,616; July 10.
Tire tool. T. B. Jenkins. 1,454,320; May 8.
Tire tool. W. M. McEwen. 1,466,179; Aug. 28.
Tire tool. G. C. Montgomery. 1,441,738; Jan. 9.
Tire tool. J. A. Voirol. 1,459,867; June 26.
Tire tool. A. S. Wallace. 1,444,226; Feb. 6.
Tire tool. A. S. Wallace. 1,449,466; Mar. 27.
Tire tool. B. J. Young. 1,459,490; June 19.
Tire tool, Automobile. F. Thomas. 1,476,475; Dec. 4.
Tire-tool method. J. W. Amico. 1,478,811; Dec. 25.
Tire tread. W. B. Buckley. Des. 62,114; Mar. 27.
Tire tread. F. A. Bollinger. Des. 63,279; Nov. 20.
Tire tread. W. D. Carnal. Des. 62,563; June 26.
Tire tread. J. D. Comstock and I. E. Fair. Des. 63,048; Sept. 25.
Tire tread. J. M. Cranz. Des. 63,073; Oct. 2.
Tire tread. F. W. Daniel. Des. 62,394; May 22.
Tire tread. A. M. Elliott. Des. 62,519; June 12.
Tire tread. H. M. Fry. 1,451,820; Apr. 17.
Tire tread. E. B. Germain. Des. 63,556; Dec. 18.
Tire tread. B. Gottlieb. Des. 63,051; Sept. 25.
Tire tread. J. N. Gunn. Des. 62,167–8; Apr. 3.
Tire tread. T. A. Hackley. 1,447,547; Mar. 6.
Tire tread. E. A. Hecht. Des. 62,169; Apr. 3.
Tire tread. E. A. Hecht. Des. 63,257–8; Nov. 13.
Tire tread. L. P. Holloway. Des. 62,952; Aug. 28.
Tire tread. E. H. Johnson. Des. 63,034–6; Sept. 18.
Tire tread. J. I. Martin. Des. 63,056; Sept. 25.
Tire tread. J. I. Martin. Des. 63,303; Nov. 20.
Tire tread. A. A. Matthews. Des. 61,787; Jan. 9.
Tire tread. W. E. McCormish. Des. 62,067; Mar. 13.
Tire tread. R. F. Miller. Des. 63,122; Oct. 9.
Tire tread. H. D. Mitchell. Des. 62,292; May 1.
Tire tread. H. D. Mitchell. Des. 63,038; Sept. 18.
Tire tread. H. D. Mitchell. Des. 63,307–8; Nov. 20.
Tire tread. L. G. Nassoiy. Des. 63,578; Dec. 18.
Tire tread. D. E. Patton. Des. 62,171; Apr. 3.
Tire tread. W. H. Paull. Des. 62,172; Apr. 3.
Tire tread. W. H. Paull. Des. 63,313; Nov. 20.
Tire tread. H. E. Phelps. Des. 63,489; Dec. 11.
Tire tread. H. D. Reichard. Des. 62,010; Feb. 27.
Tire tread. H. D. Reichard. Des. 62,412–13; May 22.
Tire tread. H. D. Reichard. Des. 62,537; June 19.
Tire tread. B. C. Swinehart. Des. 63,336; Nov. 20.
Tire tread. C. J. Venn. Des. 61,811; Jan. 16.
Tire tread. C. J. Venn. Des. 63,599; Dec. 18.
Tire tread. E. P. Weber. Des. 62,682; July 17.
Tire tread. J. J. Wisniowski. Des. 63,545; Dec. 11.
Tire tread. P. Worth. Des. 63,347–8; Nov. 20.
Tire tread and applying the same. F. B. Converse. 1,471,829; Oct. 23.
Tire tread, Automobile. J. B. Berardi. Des. 61,759; Jan. 9.
Tire tread, Automobile. P. H. Heater. Des. 63,465; Dec. 11.
Tire tread, Detachable. E. A. Parker and H. G. Evitt. 1,459,376; June 19.
Tire, Tread for a vehicle. R. H. Waters. Des. 63,382–3; Nov. 27.
Tire tread, Nonskid. R. D. Belden. Des. 63,278; Nov. 20.
Tire tread, Nonskid. E. N. Downes. Des. 62,055–6; Mar. 13.
Tire tread, Pneumatic-. P. B. Bosworth. Des. 62,936; Aug. 28.
Tire tread, Pneumatic. V. A. Parker and E. M. Sears. Des. 61,919; Feb. 6.
Tire tread, Vehicle. O. D. Hollenbeck. Des. 63,259; Nov. 13.
Tire-treating machine. G. A. Urbach. 1,474,654; Nov. 20.
Tire trimmer. R. McClenathen and H. G. Arthur. 1,440,397; Jan. 2.
Tire tube. J. W. Cato. 1,441,965; Jan. 9.
Tire tube. S. L. Davis and E. H. Rinehart. 1,451,536; Apr. 10.
Tire tube, Self-sealing. H. H. Allyn. 1,474,011; Nov. 13.
Tire tubes, Leak detector for. H. M. Matthews. 1,455,962; May 22.
Tire tubes, Machine for use in manufacturing. H. W. Smolk. 1,450,235; Apr. 3.
Tire tubes, Mandrel for. C. E. Lowe. 1,478,480; Dec. 25.
Tire tubes, Mold for pneumatic-. F. A. Schwartz. Re. 15,518; Jan. 2.
Tire-tubing machine. H. A. Weidaw. 1,466,009; Aug. 28.
Tire valve. A. V. Chylowski. 1,447,924; Mar. 6.
Tire valve. W. E. Copithorn. 1,462,227; July 17.
Tire valve. L. S. Downs and G. Heckling. 1,467,780; Sept. 11.
Tire valve. O. W. Eastburn, jr. 1,478,002; Dec. 18.
Tire valve. H. P. Kraft. 1,469,927; Oct. 9.
Tire valve. S. S. Moore. 1,475,023; Nov. 20.
Tire valve. A. B. Norwalk. 1,453,721; May 1.
Tire valve. F. E. Nugent. 1,474,160; Nov. 13.
Tire valve. M. C. Schweinert. 1,469,966; Oct. 9.
Tire valve. L. P. Strutz. 1,452,324; Apr. 17.
Tire valve and pressure gauge, Combined. O. F. R. Bromberg. 1,478,506; Dec. 25.
Tire-valve dust cap. T. J. Stephens. 1,451,719; Apr. 17.
Tire valve, Pneumatic-. R. S. Burn. 1,470,271; Oct. 9.
Tire-valve tester. H. G. Altz and F. F. Fearheiley. 1,472,712; Oct. 30.
Tire-valve tubes, Cap for. C. F. Cunningham. 1,469,250; Oct. 2.
Tire valves and the like, Dust cap for. A. Fessler. 1,472,160; Oct. 30.
Tire valves, Device to unseat. L. B. Solemink. 1,475,249; Nov. 27.
Tire valves, Dust cap for. C. R. Croson and J. W. Kindelberger. 1,455,080; May 15.
Tire valves, Dust cap for. E. H. Parker. 1,478,055; Dec. 18.
Tire valves, Dust cap for pneumatic-. A. F. Nelson. 1,478,245; Dec. 18.
Tire valves or the like, Tool for. M. C. Schweinert. 1,459,751; June 26.
Tire valves, Operating device for. H. M. Howell. 1,446,504; Feb. 27.
Tire valves, Signal device for. A. Nelson. 1,455,146; May 15.
Tire, Vehicle. G. U. Blaser. Des. 63,097; Oct. 2.
Tire, Vehicle. J. D. Cunningham. 1,451,327; Apr. 10.
Tire, Vehicle. F. S. Dickinson. Des. 62,164; Apr. 3.
Tire, Vehicle. J. T. Doranski. 1,471,949; Oct. 23.
Tire, Vehicle. E. Gratt. 1,470,726; Oct. 16.
Tire, Vehicle. E. G. Hulse. Des. 63,033; Sept. 18.
Tire, Vehicle. J. H. McCormick. 1,453,150; Apr. 24.
Tire, Vehicle. C. S. Preston. 1,442,905; Jan. 23.
Tire, Vehicle. H. K. Raymond. 1,458,629; June 12.
Tire, Vehicle. R. S. Trogner. 1,464,590; Aug. 14.
Tire, Vehicle. R. von Krenski. 1,453,033; Apr. 24.
Tire, Vehicle wheel. E. McCoy. Des. 63,107; Oct. 2.
Tire, Vehicle wheel with pneumatic. P. and F. Theisen. 1,441,134; Jan. 2.
Tire vulcanizer. E. J. Rohne. 1,453,889; May 1.
Tire-vulcanizing system, Traveling. M. C. Bright and J. M. Brautigam. 1,448,481; Mar. 13.
Tire vulcanization, Temperature-indicating apparatus for. N. Conn. 1,463,872; Aug. 7.
Tire, Wheel. K. F. Koning. 1,473,565; Nov. 6.
Tire, Wheel. F. C. Miller. 1,461,928; July 17.
Tire, Wheel. R. B. Whitman. 1,460,187; June 26.
Tire wheel, Pneumatic-. P. J. Griffin. 1,460,753; July 3.
Tire wrapper. M. Blumenthal. 1,470,138; Oct. 9.
Tire-wrapping machine. J. Scherner. 1,472,764; Oct. 30.
Tired wheel, Resilient-. J. T. Jones. 1,452,342; Apr. 17.
Tires, Air and dust cap for automatic. A. K. Hinchman. 1,460,355; June 26.
Tires, Air tube for pneumatic. T. B. McLeroth. 1,459,544; June 19.
Tires, Air tube for pneumatic. T. B. McLeroth. 1,470,239; Oct. 9.
Tires and casings, Punctureproof reliner for pneumatic. D. L. Lazerick. 1,461,217; July 10.
Tires and for separating plies of fabric, Machine for pulling treads from. B. E. Maxwell. 1,443,495; Jan. 30.
Tires and making same, Inner tube for pneumatic. J. F. Palmer. 1,472,435; Oct. 30.
Tires and plug for that purpose, Repairing or closing punctures in pneumatic. W. C. Ranney. 1,456,403; May 22.
Tires and the like, Device for inflating. J. W. Kaiser. 1,467,671; Sept. 11.
Tires and the like, Manufacturing pneumatic. K. B. Kibborn and W. S. Wolfe. 1,462,452; July 17.
Tires and the like, Protective cover for pneumatic. N. Geranio. 1,442,394; Jan. 16.
Tires and the like, Sealing fluids for pneumatic. H. H. Warmund. 1,444,288; Feb. 6.
Tires and tubes, Blow-out patch and tire reenforcer for automobile. A. S. Thoresen and F. E. Benoit. 1,462,628; July 24.
Tires, Antipuncture device for pneumatic. C. Ortiz. 1,446,206; Feb. 20.
Tires, Antiskid device for. I. F. Kepler. 1,454,054; May 8.
Tires, Antiskid device for. E. J. Weichman. 1,445,810; Feb. 20.
Tires, Antiskid device for pneumatic. R. E. Pye. 1,478,059; Dec. 18.
Tires, Antiskidding device for dual. W. Lion. 1,457,116; May 29.
Tires, Antislipping attachment for motor-vehicle. A. N. Menzer and F. Mintmier. 1,478,613; Dec. 25.

Tires, Antislipping attachment for vehicle. R. R. Kintz. 1,460,657; July 3.
Tires, Apparatus and method for forming J. F. Lister. 1,441,514; Jan. 9.
Tires, Apparatus for testing. F. Schafer. 1,478,532; Dec. 25.
Tires, Automatic alarm for partially-deflated. A. J. Michelin. 1,467,055; Sept. 4.
Tires, Automatic puncture-closing device for pneumatic. M. Resk. 1,456,075; May 22.
Tires, Blow-off valve for pneumatic. A. H. Urtubees. 1,459,939; June 26.
Tires, Blowout boot for pneumatic. L. D. Shilling. 1,470,546; Oct. 9.
Tires, Collapsible rim for. H. J. Parker. 1,476,916; Dec. 11.
Tires, Compression inner tube for. G. R. Colby. 1,460,533; July 3.
Tires, Constructing pneumatic. F. S. Dickinson and J. Springer. 1,453,865; May 1.
Tires, Container for rubber. J. E. Allen. 1,442,594; Jan. 16.
Tires, Cutting device for pneumatic. C. York. 1,443,303; Jan. 23.
Tires, Demountable rim for. L. B. Hancock. 1,461,311; July 10.
Tires, Demountable tread for pneumatic. M. A. Shotwell. 1,441,458; Jan. 9.
Tires, Device for and method of the manufacture of protected inner tubes for. A. E. Henderson. 1,463,528; July 31.
Tires, Device for inflating. J. F. Key. 1,444,188; Feb. 6.
Tires, Device for repairing pneumatic. E. F. Pawsat. 1,472,812; Nov. 6.
Tires, Device for riveting half soles on pneumatic rubber. R. C. Turner and E. T. Alston. 1,463,732; July 31.
Tires, Device for setting and removing. A. Cattoni. 1,442,649; Jan. 16.
Tires, Expansible metallic core for curing pneumatic. E. Wright. 1,441,649; Jan. 9.
Tires, Filler for vehicle. H. B. Fogel. 1,468,105; Sept. 18.
Tires, Folding, nonskid armor equipment for automobile. A. F. Stockwell. 1,457,948; June 5.
Tires for carpet sweepers, Making. W. J. Kent. 1,445,626; Feb. 20.
Tires from rims, Machine for installing and removing. J. W. H. Snell. 1,467,122; Sept. 4.
Tires, Ground-gripping chain for automobile. J. E. Robison. 1,453,183; Apr. 24.
Tires, Inner tube for automobile. W. E. Roberts. 1,455,734; May 15.
Tires, Inner tube for pneumatic. E. G. Eschenfelder. 1,446,644; Feb. 27.
Tires, Inner tube for pneumatic. R. Nall. 1,449,692; Mar. 27.
Tires, Inner tube for pneumatic. M. E. Simes. 1,476,111; Dec. 4.
Tires into transverse sections, Machine for cutting. E. O. Fellroth. 1,462,197; July 17.
Tires, Low-pressure alarm for pneumatic. W. H. Brown. 1,453,657; May 1.
Tires, Low-pressure alarm for pneumatic. W. A. Harris. 1,467,317; Sept. 11.
Tires, Machine for forming pneumatic. B. De Mattia. 1,456,425; May 22.
Tires, Making reenforced inner tubes for. J. A. McLane. 1,463,708; July 31.
Tires, Manufacture of cord. W. O'Neil. Re15,631; June 19.
Tires, Manufacturing. C. E. Rett. 1,463,754; July 31.
Tires, Manufacturing. K. D. Saulpaw. 1,466,942; Sept. 4.
Tires, Manufacturing inner tubes for vehicle. A. E. Henderson. 1,472,756; Oct. 30.
Tires, Marking. J. W. Burke. 1,445,745; Feb. 20.
Tires, Means for curing. H. F. Waters. 1,466,318; Aug. 28.
Tires, Means for making pneumatic. J. F. Palmer. 1,459,244; June 19.
Tires, Means for patching blow-outs in pneumatic. T. H. McDonald. 1,457,846; June 5.
Tires, Metallic tread for pneumatic. W. C. Chapman. 1,443,167; Jan. 23.
Tires, Nonskid attachment for vehicle. O. E. Brown. 1,440,580; Jan. 2.
Tires, Nonslip guard for automobile. G. A. Doty. 1,454,109; May 8.
Tires of vehicle wheels, Pneumatic tube for the. O. Frampusch. 1,441,461; Jan. 9.
Tires on rims, Machine for placing automobile. F. D. Mayer and A. B. Vance. 1,445,784; Feb. 20.
Tires, Patch for. E. C. Handschug. 1,459,887; June 26.
Tires, Patch for pneumatic. J. I. Berg. 1,456,115; May 22.
Tires, Pressure gauge for pneumatic. A. Badowski. 1,471,323; Oct. 23.
Tires, Process and apparatus for the manufacture of solid. D. E. Goodenberger. 1,450,256; Apr. 3.
Tires, Protective casing for. M. L. Hundeby. 1,471,266; Oct. 16.
Tires, Protective cover for automobile. C. J. Escoto. 1,469,633; Oct. 2.
Tires, Protective inner liner for pneumatic. B. Hirsch. 1,442,407; Jan. 16.
Tires, Protective tread for pneumatic. W. J. Fraser. 1,456,729; May 29.
Tires, Puncture-closing inner tube for pneumatic. H. C. Privett. 1,440,553; Jan. 2.
Tires, Reenforcing fabric for. T. Branson. 1,451,975; Apr. 17.
Tires, Reenforcing strip for. M. B. Peeples. 1,459,377; June 19.
Tires, Removable overtread for pneumatic. W. C. and J. H. Bardo. 1,441,262; Jan. 9.
Tires, Resilient filler for. J. H. Dalbey. 1,443,069; Jan. 23.
Tires, Resilient support for. S. Goodman. 1,469,904; Oct. 9.
Tires, Rim for pneumatic or solid. C. C. Wood. 1,445,466; Feb. 13.
Tires, Safety and signaling device for pneumatic. A. C. Sloan. 1,442,182; Jan. 16.
Tires, Safety device for inflating pneumatic. H. H. Breeden. 1,462,081; July 17.
Tires, Safety valve and pressure indicator for automobile. W. E. Hedger. 1,464,425; Aug. 7.
Tires, Securing means for spare. J. C. Manock. 1,455,119; May 15.
Tires, Splitting cord. W. M. Rand. I. C. Brook and F. C. Butler. 1,459,693; June 19.
Tires, Stone guard for dual pneumatic. S. P. Thacher. 1,465,697; Aug. 21.
Tires, Sun-sheltering cover for pneumatic. H. C. E. Anderson. 1,472,033; Oct. 30.
Tires to vehicle wheels, Means for securing. J. M. Mundy. 1,463,291; July 31.
Tires, Tool for repairing punctured. S. Shapiro and M. Weinberg. 1,475,353; Nov. 27.
Tires, tool boxes and license-number plates, Carrier frame for. G. Gessel. 1,441,795; Jan. 9.
Tires, Traction device for. C. R. Stewart. 1,449,456; Mar. 27.
Tires, Tread for auto. J. B. Pouk. 1,452,894; Apr. 24.
Tires, Tread for automobile. R. G. Taylor. Des. 62,510; June 12.
Tires, Tubing die for manufacturing solid. D. E. Goodenberger. 1,444,911; Feb. 13.
Tires, Valve for pneumatic. H. Plasschaert. 1,457,390; June 5.
Tires, Valve protecting and operating device for pneumatic. W. R. Royer. 1,473,938; Nov. 13.
Tires, Valve stem for pneumatic. A. B. Shaw. 1,460,804; July 3.
Tires, Vulcanizing. H. B. Wallace. 1,453,034; Apr. 24.
Tissue, Wrapping. C. P. Olson. 1,458,592; July 12.
Toaster. W. W. Dodge, jr. 1,440,379; Jan. 2.
Toaster. W. W. Dodge, jr. 1,455,190; May 15.
Toaster. E. J. Moneuse. 1,471,275; Oct. 16.
Toaster. H. S. Murray. 1,476,171; Dec. 4.
Toaster. T. J. O'Rourke. 1,467,767; Sept. 11.
Toaster, Automatic. A. De Matteis. 1,473,213; Nov. 6.
Toaster, Bread. S. S. Marley. 1,446,426; Feb. 20.
Toaster, Bread. C. P. Strite. 1,440,643; Jan. 2.
Toaster, Electric. C. E. Barr and T. E. Jackson. 1,466,656; Sept. 4.
Toaster, Electric. H. Kruesheld. 1,454,056; May 8.
Toaster, Electric. E. A. Rutenber. 1,447,574; Mar. 6.
Toaster, Electric. E. Sjolin. 1,465,007; Aug. 14.
Toaster, Electric. L. H. Wilkinson. 1,476,129; Dec. 4.
Toaster, etc. H. C. Lyons. 1,440,786; Jan. 2.
Toasters, and the like, Handle for. C. Andrews, jr. 1,463,541; July 31.
Toasting machine. F. L. Bamford. 1,458,021; June 5.
Toasting machine. F. P. Roth. 1,443,242; Jan. 23.
Tobacco cartridges, Box or container for. B. Baron and G. F. Bull. 1,478,165; Dec. 18.
Tobacco container. T. R. Brumfield. 1,477,105; Dec. 11.
Tobacco container and match receptacle. H. D. Fleming, L. F. Matthews, and E. C. Fleming. 1,476,332; Dec. 4.
Tobacco curing, Apparatus for. H. Johnson. 1,449,324; Mar. 20.
Tobacco cutting and separating machine. J. H. Baker. 1,471,936; Oct. 23.
Tobacco-drying furnace. S. B. Bartlett. 1,444,321; Feb. 6.
Tobacco-leaf-booking drum. G. H. Jackson. 1,461,122; July 10.
Tobacco-leaf-booking machine. G. H. Jackson. 1,461,150; July 10.
Tobacco-leaf machine. G. H. Jackson. 1,461,529; July 10.
Tobacco-measuring machine. G. J. Feasler. 1,469,635; Oct. 2.
Tobacco moistener. A. B. Roseboom. 1,470,880; Oct. 16.
Tobacco, Mouthpiece for smoking. R. Docamp. 1,450,359; Apr. 3.
Tobacco pipe. W. M. de Pars. 1,476,955; Dec. 11.
Tobacco pipe. A. Dunhill. 1,463,684; July 31.
Tobacco pipe. W. W. Hesson. 1,464,359; Aug. 7.
Tobacco pipe. F. E. Lasure. 1,461,126–7; July 10.
Tobacco pipe. H. Longacre. 1,463,398; July 31.
Tobacco pipe. J. D. Maier. 1,478,976; Dec. 25.
Tobacco pipe. J. McMillan, jr. 1,468,318; Sept. 18.
Tobacco pipe. T. Molloy. 1,468,124; Sept. 18.

Tobacco-pipe attachment. N. Palmquist. 1,445,033; Feb. 13.
Tobacco pipes, Device to facilitate the cleaning of. E. H. Holden. 1,440,599; Jan. 2.
Tobacco pouch. J. Kinsey. 1,444,468; Feb. 6.
Tobacco smoking and curing apparatus. J. H. L. Johnson. 1,455,915; May 22.
Tobacco-smoking pipe. W. P. McCoy. 1,455,539; May 15.
Tobacco, Stemming. F. C. Schofield. 1,476,770–1; Dec. 11.
Tobacco-stripping table. L. C. Edwards. 1,476,240; Dec. 4.
Tobacco-treating machine. H. Gutman. 1,447,075; Feb. 27.
Tobacco-user's appliance. J. Dusèk. 1,478,510; Dec. 25.
Toboggan. I. E. Matheson. 1,478,345; Dec. 18.
Toboggan slide. I. E. Matheson. 1,467,293; Sept. 4.
Toboggan slide. H. W. Sellner. 1,447,522; Mar. 6.
Toboggan, Water. J. W. Sherman and F. M. Catron. 1,441,126; Jan. 2.
Toe-plate fastener. J. C. Reid and W. C. Taylor. 1,471,004; Oct. 16.
Toenail appliance, Ingrown-. G. W. Smith. 1,451,311; Apr. 10.
Toes, Machine for molding box. A. J. Ryan. 1,441,456; Jan. 9.
Toggle. C. S. Morrison. 1,455,596; May 15.
Toilet. J. F. Geibel. 1,461,612; July 10.
Toilet accessory. V. O'Connell. 1,453,690; May 1.
Toilet accessory. D. B. Shiffer. 1,474,295; Nov. 13.
Toilet and manicure implements or similar articles, Handle for. T. W. Foster. Des. 62,021; Mar. 6.
Toilet article. J. MacInnes. 1,475,490; Nov. 27.
Toilet article. J. B. Mason, jr. 1,470,994; Oct. 16.
Toilet article. R. S. M. Schroeder. 1,465,062; Aug. 14.
Toilet-article container. A. Ftyklo. 1,455,783; May 22.
Toilet-article container. R. P. Gross. Des. 63,224; Nov. 6.
Toilet-article handle. J. Salm. Des. 62,246; Apr. 24.
Toilet-article package. M. Crupain. 1,446,836; Feb. 27.
Toilet articles, Sanitary holder for. J. L. Doerner. 1,442,712; Jan. 16.
Toilet case. M. W. Askin. 1,453,332; May 1.
Toilet case. E. M. Klebba. 1,459,181; June 19.
Toilet case. W. Lindenmayer. 1,456,454; May 22.
Toilet case. A. T. Reid. 1,458,777; June 12.
Toilet fan and hair drier, Combined. W. C. Summer and W. L. Minick, jr. 1,471,294; Oct. 16.
Toilet fixtures, Device for flushing. D. Newton. 1,461,284; July 10.
Toilet flushing mechanism. F. C. Rood. 1,471,920; Oct. 23.
Toilet hopper. W. G. Munkel. 1,451,430; Apr. 10.
Toilet kit. M. A. Peterson and M. Hook. 1,459,602; June 19.
Toilet kit. H. Slaiger. 1,461,501; July 10.
Toilet seat. G. A. Almorth. 1,441,719; Jan. 9.
Toilet seat. W. H. Samo. 1,443,804; Jan. 30.
Toilet-seat cover. C. J. Dykstra. 1,440,773; Jan. 2.
Toilet-seat cover, Sanitary. J. L. Schaefer. 1,462,662; July 24.
Toilet-seat coverings, Holding and serving device for. J. E. Jones. 1,478,744; Dec. 25.
Toilet-seat covers, Dispensing apparatus for. A. Juline. 1,467,481; Sept. 11.
Toilet-seat front shield. C. C. Hedberg. 1,442,270; Jan. 16.
Toilet-seat pads, Device for vending sanitary. H. H. Sommer. 1,440,897; Jan. 2.
Toilet seats and similar articles, Manufacturing composition. J. W. Talbot. 1,474,860; Nov. 20.
Toilet stools, Controlling mechanism for. B. L. Birkholz. 1,451,524; Apr. 10.
Toilet, Ventilated. A. T. Lueckenbach. 1,443,188; Jan 23.
Toilet ventilator. F. C. Ribley. 1,449,250; Mar. 20.
Token holder. R. M. Reid. 1,464,586; Aug. 14.
Toll-collecting mechanism. G. A. Richards, jr. 1,469,535; Oct. 2.
Toller. T. F. Perkins. 1,471,349; Oct. 23.
Tomato-peeling machines, Scalding apparatus for. A. I. Du Pont and H. R. Harding. 1,472,717; Oct. 30.
Tone arm. A. W. Hoover and R. Winter, jr. Des. 62,257–8; Apr. 24.
Tone arm. A. K. Miller. 1,466,140; Aug. 28.
Tone arm. F. Oberst. 1,459,743; June 26.
Tone arm. F. Oberst. 1,461,829; July 17.
Tone arm. J. T. Sibley and C. E. Waldorf. 1,442,302; Jan. 16.
Tone-arm stop. R. H. Weitershausen. 1,463,107; July 24.
Tone-arm support. F. Cheney. 1,475,277; Nov. 27.
Tone-arm support. L. R. Wolff. 1,453,613; May 1.
Tone-control device. R. Head. 1,442,665; Jan. 16.
Tone cuts, Making overlays for producing half-. S. Johns. 1,441,283; Jan. 9.
Tone-regulating device. R. E. Crissey. 1,454,727; May 8.
Tone regulator. C. O. Tucker. 1,457,327; June 5.
Tong. O. Pearce and I. Bales. 1,473,123; Nov. 6.
Tongs. J. T. Beam. 1,464,232; Aug. 7.
Tongs. N. A. Burgess. 1,465,892; Aug. 21.
Tongs. W. L. Dunn, W. H. Burstall, and E. J. Diedrich. 1,443,568; Jan. 30.
Tongs. A. M. Hamer. 1,454,319; May 8.
Tongs. S. B. Heppenstall. 1,455,613; May 15.
Tongs. W. Smith and P. J. Spillane. 1,470,400; Oct. 9.
Tongs. L. E. Wegner. 1,454,778; May 8.
Tongs, Box. B. Phelps. 1,460,730; July 3.
Tongs, Dish-holding. T. R. Perkins. 1,445,908; Feb. 20.
Tongs, Grappling. H. Marcum. 1,457,446; June 5.
Tongs, Ice. D. Henderson. 1,462,758; July 24.
Tongs, Lazy. J. G. Cornell. 1,459,656; June 19.
Tongs, Lifting. O. Arneson. 1,451,606; Apr. 10.
Tongs, Lifting. E. J. Connor and A. R. Ralston. 1,457,104; May 29.
Tongs, Long-reach. O. S. Winkler. 1,453,301; May 1.
Tongs, Pipe. W. L. Bessolo. 1,447,920; Mar. 6.
Tongs, Pipe. N. Fellabaum. 1,465,813; Aug. 21.
Tongs, Pipe. R. T. Roye. 1,447,327; Mar. 6.
Tongs, Pipe-hook. L. S. Hamer. 1,462,037; July 17.
Tongs, Power pipe. E. L. McCloud and P. Kerwin. 1,478,668; Dec. 25.
Tongs, Producing oyster. C. D. Briddell. 1,471,378; Oct. 23.
Tongs, Radiator. J. M. Cromley. 1,445,758; Feb. 20.
Tongs, Welder's. R. Mattice. 1,443,798; Jan. 30.
Tongue fastener. L. F. Willett. 1,478,416; Dec. 25.
Tongue switch. C. A. Psilander. 1,466,631; Aug. 28.
Tonneau windshield. J. H. Maulding. 1,444,200; Feb. 6.
Tonsillotome. O. C. Daniels. 1,466,581; Aug. 28.
Tonsillotome. H. E. Longino. 1,468,599; Sept. 18.
Tool. W. Bartholomew. 1,446,444; Feb. 27.
Tool. W. P. Casey. 1,464,351; Aug. 7.
Tool. E. E. Ciba. 1,466,118; Aug. 28.
Tool. E. G. Colson. 1,462,101; July 17.
Tool. G. W. De Bar. 1,467,924; Sept. 11.
Tool. J. S. Donaldson. 1,458,171; June 12.
Tool. J. F. Duffy. 1,448,919; Mar. 20.
Tool. H. C. Frese and H. G. Moeller. 1,448,622; Mar. 13.
Tool. F. Garrison. 1,461,270; July 10.
Tool. A. Grimont and H. G. Katt. 1,447,947; Mar. 6.
Tool. O. D. Hapgood. 1,462,963; July 24.
Tool. J. E. Harburg. 1,451,727; Apr. 17.
Tool. H. H. Jones. 1,446,904; Feb. 27.
Tool. H. H. Kuhn. 1,474,267; Nov. 13.
Tool. W. McHewitt and H. G. Brandt. 1,453,018; Apr. 24.
Tool. H. R. Mohrman. 1,448,230; Mar. 13.
Tool. S. Moltrup. 1,445,344; Feb. 13.
Tool. O. J. Olson. 1,445,546; Feb. 13.
Tool. I. F. Rude. 1,476,007; Dec. 4.
Tool. W. G. Seiders. 1,466,196; Aug. 28.
Tool. F. W. Stein. 1,464,298; Aug. 7.
Tool. R. W. Stone. 1,461,686; July 10.
Tool. J. B. Stull. 1,443,393; Jan. 30.
Tool. C. Undy. 1,467,661; Sept. 11.
Tool. S. T. Williams. 1,458,961; June 19.
Tool. E. A. Wimmer. 1,454,782; May 8.
Tool. H. A. Yotta. 1,448,895; Mar. 20.
Tool and grinder, Combination. J. T. Tillman. 1,478,993; Dec. 25.
Tool and holder therefor. B. M. W. Hanson. 1,466,899; Sept. 4.
Tool and making the same. J. B. Moore. 1,454,451; May 8.
Tool and tool retainer. J. S. Donaldson. 1,443,461; Jan. 30.
Tool attachment. F. D. Ruprecht. 1,441,031; Jan. 2.
Tool box. S. P. Ray. 1,473,319; Nov. 6.
Tool box. A. W. Vogelaar. 1,472,701; Oct. 30.
Tool box. S. W. Yarder. Des. 62,042; Mar. 6.
Tool, Combination. M. Balazink. 1,441,903; Jan. 9.
Tool, Combination. T. H. Bartlett. 1,478,629; Dec. 25.
Tool, Combination. B. J. Biddle. 1,455,564; May 15.
Tool, Combination. O. Ingstead. 1,461,392; July 10.
Tool, Combination. A. Lagergren. 1,471,963; Oct. 23.
Tool, Combination. N. Raez. 1,469,696; Oct. 2.
Tool, Combination. S. Rome. 1,473,877; Nov. 13.
Tool, Combination. D. Schrag. 1,441,948; Jan. 9.
Tool, Combination. J. H. York. 1,475,104; Nov. 20.
Tool construction, Pneumatic-. W. H. Keller and A. Schinkez. 1,465,765; Aug. 21.
Tool, Counterboring. J. H. Smith and G. J. Kengel. 1,461,462; July 10.
Tool, Demountable-rim. J. B. Stroud. 1,472,777; Oct. 30.
Tool, Electrically-heated. E. A. Wagner. 1,462,431; July 17.
Tool for manual direction. H. B. Mayberry. 1,475,444; Nov. 27.
Tool guide, Nonvibratory. C. C. Neale. 1,451,102; Apr. 10.
Tool, Hand. H. G. Sommer. 1,451,717; Apr. 17.
Tool handle. G. Lewis. 1,474,937; Nov. 20.
Tool handle. M. S. Neal. 1,475,961; Dec. 4.
Tool handle. W. R. Porter. 1,470,100; Oct. 9.
Tool handle. H. Rosenberg. 1,453,082; Apr. 24.
Tool handle and making same. D. F. Miner. 1,442,084; Jan. 16.
Tool-handle fastening. R. J. Rudall, T. Brown, and J. H. Williams. 1,441,455; Jan. 9.
Tool handle or holder. L. L. Martin. 1,449,430; Mar. 27.
Tool-handle remover. W. D. Snowman. 1,453,288; May 1.
Tool head, Adjustable. A. H. Morris. 1,468,827; Sept. 25.

Tool-head-securing means. L. J. Kreipel. 1,445,519; Feb. 13.
Tool holder. I. A. Church. 1,474,404; Nov. 20.
Tool holder. E. R. Evans. 1,457,511; June 5.
Tool holder. T. C. Foley. 1,461,608; July 10.
Tool holder. A. A. Gasser. 1,440,672; Jan. 2.
Tool holder. M. Guerrieri. 1,468,715; Sept. 25.
Tool holder. J. Henning. 1,456,552; May 29.
Tool holder. C. A. Huestis. 1,452,241; Apr. 17.
Tool holder. C. W. Lee. 1,447,139; Feb. 27.
Tool holder. S. A. Lee. 1,478,967; Dec. 25.
Tool holder. A. B. Lindmark. 1,443,752; Jan. 30.
Tool holder. W. E. Lombard. 1,447,620; Mar. 6.
Tool holder. W. D. Lowe. 1,442,079; Jan. 16.
Tool holder. F. J. Martin. 1,451,705; Apr. 17.
Tool holder. F. H. Petersen. 1,442,234; Jan. 16.
Tool holder. H. O. Pohrt. 1,453,947; May 1.
Tool holder. J. W. Snedeker. 1,465,691; Aug. 21.
Tool holder. E. G. Strong. 1,464,344; Aug. 7.
Tool holder. C. H. White. 1,463,353; July 31.
Tool holder, Adjustable. G. H. Larsson. 1,452,082; Apr. 17.
Tool holder and tool. G. W. Bufford. 1,458,802; June 12.
Tool holder and tool. G. W. Bufford. 1,458,973; June 19.
Tool holder, Duplex. I. Ericksen. 1,445,579; Feb. 13.
Tool holder, Pneumatic. L. C. Cole. 1,475,287; Nov. 27.
Tool holder, Recessing-. E. H. Wheeler. 1,449,475; Mar. 27.
Tool holder, Self-opening. W. Hughes. 1,443,687; Jan. 30.
Tool joint. A. S. Keszthelyi. 1,474,905; Nov. 20.
Tool, Movable-jawed. F. H. Rauh. 1,456,339; May 22.
Tool or implement case. C. W. Reglein. 1,462,245; July 17.
Tool rack. A. J. Riehle. 1,459,930; June 26.
Tool retainer. S. Oldham. 1,453,807; May 1.
Tool retainer. P. Scheib. 1,472,496; Oct. 30.
Tool, Rim. J. P. Giles. 1,476,245; Dec. 4.
Tool-slide mechanism. J. J. N. Van Hamersveld and G. W. Drake. 1,449,463; Mar. 27.
Tool, Spiral. T. J. Fegley and G. O. Leopold. 1,477,337; Dec. 11.
Tool-supporting stand. J. F. Stedman. 1,470,296; Oct. 9.
Tools, Automatic stopping device for pneumatic. L. Rorive. 1,453,252; Apr. 24.
Tools, Clamping mechanism for machine. W. H. Thorne. 1,455,556; May 15.
Tools, Curve-forming rest for machine. E. Blau. 1,459,874; June 26.
Tools, Feed mechanism for machine. A. Trosch. 1,451,061; Apr. 10.
Tools, Flexible guard for machine. O. W. Birhanzl. 1,461,887; July 17.
Tools, Insulated handle for. C. P. L. Huston. 1,460,654; July 3.
Tools, Locking device for. A. C. Hoffman. 1,476,446; Dec. 4.
Tools, Making. R. H. Smith. 1,442,185; Jan. 16.
Tools, Manufacture of. W. R. Hurd, 2d. 1,442,152; Jan. 16.
Tools, Multispeed gear for machine. A., A., jr., and H. Butterworth. 1,453,127; Apr. 24.
Tools on machine tools, Device for regulating the adjustment of. P. Rotat. 1,444,481; Feb. 6.
Tools or the like, Holding device for dressing. F. W. and R. R. Roberts. 1,443,504; Jan. 30.
Tools, Rotating mechanism for percussive. E. G. Gartin. 1,474,338; Nov. 13.
Tools, Safety device for. J. E. McGuire. 1,450,323; Apr. 3.
Tools, Support for pneumatic. G. H. Little. 1,447,877; Mar. 6.
Tooth and preparing the same. U. M. Richardson. 1,472,677; Oct. 30.
Tooth, Artificial. L. M. Farnum. 1,454,632; May 8.
Tooth, Artificial. M. Karmann. 1,452,878; Apr. 24.
Tooth, Artificial. J. L. Williams. 1,460,691; July 3.
Toothbrush. H. Barnes. 1,476,579; Dec. 4.
Toothbrush. J. H. Carter. 1,452,108; Apr. 17.
Toothbrush. M. H. Cartwright. 1,456,535; May 29.
Toothbrush. C. F. Healy. 1,473,766; Nov. 13.
Toothbrush. S. B. and G. S. Husch. 1,451,775; Apr. 17.
Toothbrush. R. Izawa. 1,466,723; Sept. 4.
Toothbrush. W. and H. Karl. 1,476,519; Dec. 4.
Toothbrush. A. Lenief. 1,453,149; Apr. 24.
Toothbrush. A. C. Levis. 1,440,785; Jan. 2.
Toothbrush. A. M. Pachmayr. 1,471,626; Oct. 23.
Toothbrush. A. Pikoos. 1,458,074; June 5.
Toothbrush. A. Pletman. 1,473,357; Nov. 6.
Toothbrush. A. Saxe. 1,442,362–3; Jan. 16.
Toothbrush. A. A. S. Stuart. 1,468,888; Sept. 25.
Toothbrush. H. Taub. 1,476,779; Dec. 11.
Toothbrush. W. L. Weatherwax. 1,473,000; Nov. 6.
Toothbrush. R. M. Withycombe. 1,475,102; Nov. 20.
Toothbrush and dentifrice container, Combined. W. E. Little. 1,461,922; July 17.
Toothbrush and holder, Combination. R. H. Lieberthal. 1,464,250; Aug. 7.
Toothbrush and making it. H. Karl. 1,477,706; Dec. 18.
Toothbrush and paste holder. F. H. Clum. 1,451,941; Apr. 17.
Toothbrush and paste holder, Combined. E. R. Erickson. Des. 62,479; June 12.
Toothbrush and tumbler supporting fixture. J. H. Balmer. Des. 62,389; May 22.
Toothbrush and water-glass holder, Combined. R. D. Mayo. 1,461,804; July 17.
Toothbrush, Child's. J. W. Bevans. Des. 63,608; Dec. 25.
Toothbrush container. B. R. Morrison. 1,448,231; Mar. 13.
Toothbrush, Folding. G. E. W. Miller. 1,454,938; May 15.
Toothbrush guard. F. Shuman. 1,466,967; Sept. 4.
Toothbrush holder. J. A. Duggan. 1,466,041; Aug. 28.
Toothbrush holder. F. W. Fisher and H. Johnson. 1,465,627; Aug. 21.
Toothbrush holder. M. Halpern. Des. 62,447; June 5.
Toothbrush holder. W. W. Welpley. 1,453,816; May 1.
Toothbrush holder. W. W. Welpley. 1,458,566; June 12.
Toothbrush holder. W. W. Welpley. 1,460,995; July 3.
Toothbrush holder, Individual sanitary. F. T. Conley. 1,444,368; Feb. 6.
Toothbrush-holding device. C. L. Jones. 1,459,831; June 26.
Toothbrush receptacle. A. W. Smith. 1,446,520; Feb. 27.
Toothbrush, Rotary. R. C. Faust. 1,450,542; Apr. 3.
Toothbrush, Rotary. C. McLellan. 1,451,993; Apr. 17.
Toothbrush, Rotary. M. C. Sloan. 1,442,303; Jan. 16.
Toothbrush, Sanitary. L. C. Davis. 1,470,710; Oct. 16.
Toothbrush shield and dentifrice holder. E. D. Tichenor. 1,470,129; Oct. 9.
Toothbrushes, Sterilizing holder for. R. F. Hurley. 1,451,425; Apr. 10.
Tooth-cleaning preparation. C. Pfanstiehl. 1,445,351–2; Feb. 13.
Tooth-cleaning preparation. C. Pfanstiehl. Re15,691; Sept. 25.
Tooth construction. U. M. Richardson. 1,472,678; Oct. 30.
Tooth cutter, Inserted-. H. G. Caldwell. 1,468,774; Sept. 25.
Tooth holder. G. R. De Nise. 1,457,824; June 5.
Tooth paste. E. Bergve. 1,467,024; Sept. 4.
Toothpick. R. E. Lunday. 1,465,522; Aug. 21.
Toothpick. A. C. Nielsen. 1,468,125; Sept. 18.
Toothpick. R. Thum. 1,451,380; Apr. 10.
Toothpick and making same. G. M. Browning. 1,462,062; July 17.
Toothpick receptacle, Sanitary. A. F. Englerth. 1,476,063; Dec. 4.
Tooth separator. G. M. Arrowsmith. 1,456,294; May 22.
Tooth separator. J. W. Ivory. 1,464,532; Aug. 14.
Tooth with anchoring means therefor, Artificial. A. M. Rosenblum. 1,471,754; Oct. 23.
Toothed wheel. W. R. Uggla and G. A. F. Wallgren. 1,453,031; Apr. 24.
Top. E. E. Bartram. 1,469,151; Sept. 25.
Top. A. L. Zander. 1,461,843; July 17.
Top can, Friction-. J. M. Hothersall. 1,441,423; Jan. 9.
Top, Flying. L. Wolfe. 1,462,221; July 17.
Torch. T. H. Bell and J. G. Schoenleber. 1,450,908; Apr. 10.
Torch. C. C. C. Eggers. 1,459,658; June 19.
Torch. I. M. Hayward. 1,461,658; July 10.
Torch. J. R. McKellar. 1,457,256; May 29.
Torch. A. Scott. 1,477,010; Dec. 11.
Torch. F. G. Wurl. 1,477,410; Dec. 11.
Torch, Alcohol. J. Knapp. 1,469,795; Oct. 9.
Torch burner. O. J. Groehn. 1,461,897; July 17.
Torch, Carbide soldering. F. C. Knapp. 1,466,403; Aug. 28.
Torch, Combination cutting and welding. J. F. Gooch. 1,468,807; Sept. 25.
Torch, Combination cutting and welding. A. F. Jenkins. 1,460,655; July 3.
Torch, Combined oxygen and acetylene cutting and welding. P. Dzutsoff. 1,453,385; May 1.
Torch, Cutting. P. Dorsey. 1,474,957; Nov. 20.
Torch, Cutting and welding. T. A. Errett, W. P. Brown, and H. F. Brown. 1,454,996; May 15.
Torch, Decarbonizing. R. R. Beezley. 1,458,968; June 19.
Torch for use in electric welding and holder therefor. C. C. Peeler. 1,462,620; July 24.
Torch, Marine. C. Linhardt, jr. 1,445,222; Feb. 13.
Torch, Oxyacetylene. F. J. Napolitan. 1,469,392; Oct. 2.
Torch, Oxyacetylene welding and cutting. T. A. Errett. 1,471,456; Oct. 23.
Torch, Plumber's. W. F. Pagel. 1,476,723; Dec. 11.
Torch, Self-blowing. F. P. Schmitt. 1,467,070; Sept. 4.
Torch, Welding. W. J. Frank. 1,465,390; Aug. 21.
Torch, Welding and cutting. A. F. Jenkins. 1,471,694; Oct. 23.
Torpedo. H. L. Boesch. 1,440,577; Jan. 2.
Torpedo. E. S. R. Brandt and T. B. Myers. 1,440,578; Jan. 2.
Torpedo. J. A. Flint. 1,440,590; Jan. 2.
Torpedo. W. E. Follin. 1,474,027; Nov. 13.
Torpedo. A. T. Kasley. 1,450,597; Apr. 3.
Torpedo. S. B. Macfarlane and L. J. Barry. 1,464,576 Aug. 14.
Torpedo. J. W. McConnell. 1,474,724; Nov. 20.
Torpedo. T. B. Myers. 1,474,377; Nov. 20.
Torpedo. F. E. P. Uberroth. 1,474,391; Nov. 20.
Torpedo. A. T. Voelker. 1,449,564; Mar. 27.

Torpedo apparatus, Well-shooting. A. G. Stoops. 1,444,571; Feb. 6.
Torpedo head. J. A. Rayder. 1,460,175; June 26.
Torpedo railway signal. H. O. Bemisderfer. 1,452,997; Apr. 24.
Torpedo, Railway signal. F. W. Brown and A. R. Marshall. 1,458,745; June 12.
Torpedo, Railway signal. F. Dutcher. 1,475,805; Nov. 27.
Torpedo, Track. H. W. Kelly. 1,443,366; Jan. 30.
Torpedo tubes, Torpedo guide for. E. G. Bjorklund. 1,451,319; Apr. 10.
Torpedoes, Air-leak vent for. W. Dieter. 1,460,370; July 3.
Torpedoes, Gyroscopic apparatus for. E. A. Sperry. 1,446,276; Feb. 20.
Torpedoes, Mechanism for sinking. J. H. Hammond, jr. 1,457,700; June 5.
Torpedoes, Predirecting means for. J. H. Hammond, jr. 1,449,399; Mar. 27.
Torque rod and muffler, Combined. A. Larsen. 1,468,241; Sept. 18.
Torque shock absorber. C. A. Taber. 1,466,414; Aug. 28.
Torsion-spring tension regulator. E. E. Heintz. 1,470,977; Oct. 16.
Tortilla press. A. C. and C. L. Gore. 1,459,976; June 26.
Tournaments, Scoreboard for shooting. C. M. Coffman. 1,466,699; Sept. 4.
Tourniquet. F. R. Davis. 1,447,967. Mar. 13.
Tourniquet. A. E. Henderson. 1,473,041; Nov. 6.
Towel. F. A. Flather. 1,478,112; Dec. 18.
Towel and garment holder. J. J. Hayes. 1,457,166; May 29.
Towel binder. J. F. Larkin. 1,447,350; Mar. 6.
Towel cabinet G. A. Steiner. 1,454,910; May 15.
Towel hanger, Rapid. F. Philippe, sr. 1,478,911; Dec. 25.
Towel holder. G. A. Sommers. 1,460,081; June 26.
Towel holder. F. J. Tefft. 1,475,898; Nov. 27.
Towel rack. A. A. Banks. 1,476,034; Dec. 4.
Towel rack. W. H. Bauck. 1,476,027; Dec. 4.
Towel rack. W. Kahl. 1,461,124; July 10.
Towel rack. J. H. White and C. A. Werner. 1,457,644; June 5.
Towel-service cabinet. D. Leibow and M. Cohen. 1,468,667; Sept. 25.
Towel-service machine. O. Schimmer. 1,460,215; June 26.
Towels, etc., Rack for. E. B. Eriksen. 1,464,311; Aug. 7.
Towels, Machine for folding. J. N. Borroughs. 1,463,918; Aug. 7.
Tower. N. T. Harrington. 1,451,259; Apr. 10.
Tower, Cooling. E. Burhorn. 1,443,974; Feb. 6.
Tower, Observation, amusement, and utility. A. C. Rush. 1,470,935; Oct. 16.
Tower, Water-cooling. C. F. Braun. 1,442,784; Jan. 16.
Towers and the like, Distributor for cooling. J. F. Grace 1,464,816; Aug. 14.
Towing device. J. F. Graff. 1,455,875; May 22.
Towing device. J. W. Osborn. 1,476,638; Dec. 4.
Towing dolly. C. T. Jacobsen. 1,456,875; May 29.
Towing engine. T. S. Miller. 1,455,261; May 15.
Towing mechanism, Vehicle. S. E. Lawrence. Re15,649; July 10.
Towing tongue. W. D. Henry. 1,463,699; July 31.
Towing tongue. W. D. Henry. 1,475,117; Nov. 20.
Towing, Release device for. K. F. Hennekin. 1,451,658; Apr. 10.
Towline bumper. S. C. Gould. 1,473,288; Nov. 6.
Towline hitch. J. C. Geils. 1,454,437; May 8.
Toy. U. Baltich. 1,468,223; Sept. 18.
Toy. R. Bantle. 1,463,032; July 24.
Toy. G. J. Bolton. 1,455,473; May 15.
Toy. H. P. Braisted. Des. 62,603; July 3.
Toy. G. W. Cable. 1,461,109; July 10.
Toy. L. R. Centerbar. 1,452,109; Apr. 17.
Toy. D. S. Clarke. 1,454,313; May 8.
Toy. W. F. Cobb. 1,475,339; Nov. 27.
Toy. A. D. Converse. 1,468,993; Sept. 25.
Toy. F. R. Densmore and C. H. Kessler. 1,473,214; Nov. 6.
Toy. J. A. Dienner. 1,471,147; Oct. 16.
Toy. M. D. Dodd. 1,442,217; Jan. 23.
Toy. A. L. Erickson. 1,475,059; Nov. 20.
Toy. E. F. Fox. 1,50,282; Apr. 3.
Toy. C. Ganthier. 1,440,454; Jan. 2.
Toy. M. A. Gibson. 1,449,279; Mar. 20.
Toy. A. C. Gilbert. 1,457,972; June 5.
Toy. J. L. Gilchrist. 1,447,976; Mar. 13.
Toy. J. K. Hoddinott. 1,474,589; Nov. 20.
Toy. J. Hofmann. 1,447,618; Mar. 6.
Toy. W. H. Huth. 1,446,466; Feb. 27.
Toy. E. A. Hyman. 1,472,842; Nov. 6.
Toy. H. C. Innes. 1,442,887; Jan. 23.
Toy. E. R. Jones. 1,456,239; May 22.
Toy. E. G. Le Meur. 1,441,158; Jan. 2.
Toy. F. L. Lindstrom. 1,462,090; July 17.
Toy. L. C. Lowder. Des. 63,652; Dec. 25.
Toy. J. J. Lozowsky. 1,475,588; Nov. 27.
Toy. F. W. Marheine. 1,459,475; June 19.
Toy. C. C. Miller. 1,461,066; July 10.
Toy. W. J. Morrisey. Des. 62,241; Apr. 24.
Toy. H. Müller. 1,447,598; Mar. 6.
Toy. P. S. H. Newell. 1,440,487; Jan. 2.
Toy. T. W. Pedersen. 1,464,107; Aug. 7.
Toy. S. Penksa. 1,461,932; July 17.
Toy. M. F. Piercy. 1,469,605; Oct. 2.
Toy. J. Popper. 1,451,085; Apr. 10.
Toy. J. A. Rayder. 1,440,794; Jan. 2.
Toy. J. G. Reed. 1,454,077; May 8.
Toy. J. W. Rollefson. 1,462,660; July 24.
Toy. G. F. Rowe. 1,444,853; Feb. 13.
Toy. A. W. Schwarz. 1,466,194; Aug. 28.
Toy. R. P. Silverthorn. 1,443,284; Jan. 23.
Toy. F. E. Slocum. 1,448,573; Mar. 13.
Toy. F. Strauss. Des. 61,880; Feb. 6.
Toy. F. Strauss. Des. 63,378; Nov. 27.
Toy. F. Strauss. Des. 63,509; Dec. 11.
Toy. H. M. Tarr. 1,440,944; Jan. 2.
Toy. G. T. Thompson. 1,444,646; Feb. 6.
Toy. J. D. Trethaway. 1,467,659; Sept. 11.
Toy. W. J. Vanwinkle. 1,469,705; Oct. 2.
Toy. H. A. Vaughan. 1,476,859; Dec. 11.
Toy. A. Victor. 1,478,191; Dec. 18.
Toy. E. R. Webb. Des. 62,176; Apr. 3.
Toy. E. W. Westen. 1,454,094; May 8.
Toy, Advertising. C. W. Kuen. 1,466,534; Aug. 28.
Toy, Aerial serpent. T. G. Hitt. 1,467,726; Sept. 11.
Toy aeroplane. W. R. La Plante. 1,467,861; Sept. 11.
Toy aeroplane. L. B. Nicholas. 1,443,964; Feb. 6.
Toy aeroplane. W. A. Piper and A. V. Naegele. 1,462,244; July 17.
Toy, Aeroplane. J. Y. Rippin. 1,466,031; Aug. 28.
Toy airplane. H. R. Ross. 1,470,934; Oct. 16.
Toy and doll, Utilitarian. M. P. Beach. 1,442,761; Jan. 16.
Toy animal. V. C. Hussey. Des. 61,979; Feb. 20.
Toy, Animal. S. B. Kahnweiler. 1,441,095; Jan. 2.
Toy animal. E. A. Tichler. Des. 62,677; July 17.
Toy animal. T. D. Wilbur. Des. 62,159; Mar. 27.
Toy animal and making same. L. Myers. 1,478,348; Dec. 18.
Toy-automobile hood. J. F. Vogel. 1,442,454; Jan. 16.
Toy baby cab. M. Santoianni. Des. 63,008; Sept. 4.
Toy balloon. M. M. Dessau. 1,471,886; Oct. 23.
Toy balloon. J. J. Guinter. Des. 63,399; Dec. 4.
Toy balloon. L. R. Holycross and R. W. Martin. 1,447,848; Mar. 6.
Toy balloon. J. F. Mulholland. 1,478,755; Dec. 25.
Toy, Balloon. F. A. O'Connor. 1,478,757; Dec. 25.
Toy balloon. R. W. Page. Des. 63,059; Sept. 25.
Toy balloon. A. P. Witten. 1,467,411; Sept. 11.
Toy, Ball-throwing. J. W. Greenfield and W. Waller. 1,452,459; Apr. 17.
Toy bank. A. C. Balson. 1,443,943; Feb. 6.
Toy bench. G. W. Hueter. 1,442,343; Jan. 16.
Toy bird songster. O. Schwarzkopf. 1,445,362; Feb. 13.
Toy blocks, Method of and apparatus for eliminating sharp edges and corners on. A. Smith. 1,458,733; June 12.
Toy blocks, Method of and apparatus for manufacturing and printing. S. G. Goss. 1,465,638; Aug. 21.
Toy boat. J. R. Clark. Des. 62,518; June 12.
Toy bowling alley. V. Hovanec. 1,467,600; Sept. 11.
Toy building block. M. Bentley. 1,440,367; Jan. 2.
Toy building element. W. V. Baker. 1,446,868; Feb. 27.
Toy car. C. E. Kilgour. 1,448,124; Mar. 13.
Toy car. F. G. Perkins. 1,446,319; Feb. 20.
Toy, Cardboard and like. T. Mathews. 1,451,301; Apr. 10.
Toy cat. A. Bonzirno. Des. 62,214; Apr. 17.
Toy, Climbing figure. R. D. Bellew. 1,441,055; Jan. 2.
Toy clown. T. F. Kotter. Des. 63,232; Nov. 6.
Toy coaster brake. F. C. Kerrigan. 1,448,123; Mar. 13.
Toy construction. W. B. Scott. 1,443,096; Jan. 23.
Toy, Dancing-doll. A. Tourtas. 1,443,770; Jan. 30.
Toy, Detonating. H. J. Greinert. 1,446,560; Feb. 27.
Toy dog. L. S. Ahrens. Des. 61,958; Feb. 20.
Toy dog. E. C. Sellors. Des. 63,591; Dec. 18.
Toy dog. J. G. Stokes. Des. 62,152; Mar. 27.
Toy doll. C. H. Pajeau. Des. 62,409; May 22.
Toy, Educational. W. N. Grimes and J. Muenzmay. 1,475,112; Nov. 20.
Toy, Educational. G. B. N. E. Hubbard. 1,452,340; Apr. 17.
Toy, Educational and amusement. C. Schwarz. 1,459,996; June 26.
Toy-electric-railway control switch. A. Frohne. 1,441,494; Jan. 9.
Toy electric railways, Control signal device for. A. Frohne. 1,444,600; Feb. 6.
Toy elevator. J. P Kirst. 1,452,608; Apr. 24.
Toy fence. E. G. Himes. 1,468,810; Sept. 25.
Toy, Figure. F. Bowen. 1,463,194; July 31.
Toy figure. A. F. Carlin. 1,458,683; June 12.
Toy, Figure. T. W. and W. J. Crenshaw. 1,461,179; July 10.
Toy, Figure. R. Nakian. 1,451,628; Apr. 10.
Toy, Figure. E. S. Showers. 1,459,118; June 19.
Toy figure. M. I. Townsend. Des. 62,294; May 1.
Toy, Figure. D. F. Whitcomb and K. R. Coolidge. 1,452,820; Apr. 24.
Toy figure, Dancing. W. H. Balcke. 1,451,805; Apr. 17.
Toy, Figure wheeled. C. D. French. 1,465,901; Aug. 21.
Toy, Figure wheeled. J. A. Gazda. 1,476,199; Dec. 4.
Toy, Figure wheeled. J. B. Henderson. 1,449,043; Mar. 20.

Toy, Figure wheeled. E. Starbuck. 1,460,616; July 3.
Toy, Figure wheeled. W. Wheelock. 1,447,451; Mar. 6.
Toy fishing game. J. M. S. Anderson. 1,473,603; Nov. 13.
Toy, Floating. M. M. Dessau. 1,471,885; Oct. 23.
Toy, Freak. G. R. Murray. 1,441,164; Jan. 2.
Toy furniture. A. Duffield. 1,453,241; Apr. 24.
Toy gun. J. C. Harris. 1,461,119; July 10.
Toy gun. A. B. Thompson. 1,461,257; July 10.
Toy gun. R. H. Williamson. 1,452,902; Apr. 24.
Toy gun. G. Ustynik. 1,469,610; Oct. 2.
Toy, Gyroscopic. H. Hébrard. 1,461,313; July 10.
Toy, Hobbyhorse. L. D. Barr. 1,461,020; July 10.
Toy horse. A. S. Baker. 1,457,205; May 29.
Toy house. H. A. Cowles. Des. 61,749; Jan. 2.
Toy insect. A. M. Hewitt. Des. 61,976; Feb. 20.
Toy, Land and water. J. L. Duggan. 1,456,429; May 22.
Toy, Mechanical. P. Gadecki. 1,477,341; Dec. 11.
Toy, Mechanical. W. L. Goldman. 1,452,835; Apr. 24.
Toy, Mechanical. H. A. Okel. 1,478,350; Dec. 18.
Toy, Mechanical. I. Roy. 1,449,448; Mar .27.
Toy, Mechanical. A. S. Ryback. 1,474,852; Nov. 20.
Toy, Mechanical. C. Zabel. 1,469,710; Oct. 2.
Toy, Mechanical figure. R. R. Adams. 1,477,412; Dec. 11.
Toy monkey. J. G. Stokes. Des. 62,509; June 12.
Toy, Musical. W. Bartholomae. 1,453,968; May 1.
Toy, Musical. M. A. Miller. 1,445,446; Feb. 13.
Toy or advertising device. H. A. Houghton. 1,458,208; June 12.
Toy or instrument, Musical. M. J. McIntyre. 1,465,675; Aug. 21.
Toy, Parachute. C. L. Bunten. 1,455,073; May 15.
Toy pistol. L. V. Aronson. 1,446,536–7; Feb. 27.
Toy pistol. L. S. Bixler. 1,467,918; Sept. 11.
Toy pistol. L. G. Brinkman. 1,472,153; Oct. 30.
Toy pistol. G. R. Cudlipp. 1,473,419; Nov. 6.
Toy pistol. O. C. Madison. 1,461,778; July 17.
Toy pistol. J. Popper. 1,460,441; July 3.
Toy pistol. W. F. Schmidt. 1,476,109; Dec. 4.
Toy pistol, Pneumatic. B. F. Edelin. 1,441,975; Jan. 9.
Toy player piano. F. R. Goolman. 1,452,112; Apr. 17.
Toy, Pneumatic. W. R. Dray. 1,473,178; Nov. 6.
Toy, Pneumatic. H. Larsen. 1,461,193; July 10.
Toy, Puzzle. M. Dereshuk. Des. 62,003; Feb. 27.
Toy rabbit. W. Pawley. Des. 62,353; May 15.
Toy railroad system. C. C. Bradbury. 1,444,654; Feb. 6.
Toy railway. F. C. Bauer. 1,472,783; Nov. 6.
Toy railway. A. R. Fergusson. 1,452,370; Apr. 17.
Toy railway. A. R. Fergusson. 1,457,771; June 5.
Toy railway track. P. H. Egolf. 1,467,475; Sept. 11.
Toy, Ring-twirling. C. M. Bartholomew. 1,444,095; Feb. 6.
Toy roller coaster. G. E. Mackenzie. 1,443,491; Jan. 30.
Toy, Rolling. C. Bujger. 1,448,724; Mar. 20.
Toy roundabout, Figure. S. J. A. Wiebe. 1,467,216; Sept. 4.
Toy sailboat. W. T. Barney and O. Hovden. 1,449,030; Mar. 20.
Toy sailboat. A. C. Erickson. 1,449,274; Mar. 20.
Toy, Sand. G. A. Kehl. 1,450,375; Apr. 3.
Toy savings bank. O. C. Curtiss. 1,447,762; Mar. 6.
Toy savings bank. G. Stockel. 1,476,735; Dec. 11.
Toy scooter. E. M. Walker. 1,450,342; Apr. 3.
Toy sets and the like, Containers for. A. C. Gilbert. 1,457,361; June 5.
Toy shooter. D. Cavicchioli. 1,468,004; Sept. 18.
Toy shooter. D. Cavicchioli. 1,469,990; Oct. 9.
Toy, Sounding. P. S. H. Newell. 1,440,488; Jan. 2.
Toy telephone. J. Kelley. 1,467,326; Sept. 11.
Toy, Telephone. J. R. Kidney. 1,454,287; May 8.
Toy toboggan railway. N. Réthoré. 1,443,648; Jan. 30.
Toy torpedo. A. Cimorosi. 1,467,775; Sept. 11.
Toy torpedo. C. Macchia. 1,464,183; Aug. 7.
Toy vehicle. J. Bauder. 1,443,114; Jan. 23.
Toy vehicle. J. F. Bobbitt. 1,474,577; Nov. 20.
Toy vehicle. T. Bowden. 1,452,636; Apr. 24.
Toy vehicle. J. H. Collins. 1,443,348; Jan. 30.
Toy vehicle. J. S. Gabke. 1,453,046; Apr. 24.
Toy vehicle. A. C. Gilbert. 1,448,113; Mar. 13.
Toy vehicle. A. C. Gilbert. 1,475,575; Nov. 27.
Toy vehicle. A. C. Gilbert. 1,476,294–5; Dec. 4.
Toy vehicle. A. C. Gilbert. 1,472,164; Oct. 30.
Toy vehicle. W. T. Green. 1,470,441; Oct. 9.
Toy vehicle. H. S. Griswold. 1,441,918; Jan. 9.
Toy vehicle. D. W. Gutekunst. 1,467,271; Sept. 4.
Toy vehicle. F. Hornquist. 1,478,739; Dec. 25.
Toy vehicle. C. H. Hyman. Des. 63,052; Sept. 25.
Toy vehicle. J. C. Kashmere and J. K. Roberts. 1,457,842; June 5.
Toy vehicle. F. Mulveny. 1,455,404; May 15.
Toy vehicle of the tricycle type. W. A. Mankey. 1,466,476; Aug. 28.
Toy, Vibrating. W. J. Cook. 1,446,835; Feb. 27.
Toy wagon. W. H. Lazear. 1,444,510; Feb. 6.
Toy, Walking. B. E. Roessling. 1,444,389; Feb. 6.
Toy watch. S. C. Vincent. 1,441,389; Jan. 9.
Toy, Wheeled. R. P. Fox. 1,461,651; July 10.
Toy, Wheeled. C. C. Miliken. 1,466,183; Aug. 28.
Toy, Wheeled. B. Nefedov. 1,443,271; Jan. 23.
Toy, Wheeled. J. Shubert. 1,472,498; Oct. 30.
Toy whistle. J. Yost. Des. 62,341; June 19.
Toy windmill. T. Leszczynski. 1,464,993; Aug. 14.
Toys, Caster for. E. Remacle. 1,467,453; Sept. 11.
Toys, Driving mechanism for mechanical. F. A. Mitchell. 1,446,476; Feb. 27.
Toys, Manufacture of. A. Cardenas y Tuerta. 1,441,582; Jan. 9.
Toys, Movable eye for stuffed. N. Morgenstern. 1,463,832; Aug. 7.
Toys or other articles, Mounting bells on. A. Otterbein. 1,450,961; Apr. 10.
Trace carrier. W. F. Ramige. 1,460,271; June 26.
Trace holder. D. W. Ferguson. 1,450,495; Apr. 3.
Trace support and assembly, Harness-. P. Bostrom. 1,455,705; May 15.
Track, Adjustable. H. C. Kolling and W. McGill. 1,455,293; May 15.
Track and curve gauge. J. E. Busby. 1,457,425; June 5.
Track and the like, Flexible. O. S. Penn. 1,451,516; Apr. 10.
Track belt and unit therefor. R. H. White. 1,452,176; Apr. 17.
Track-belt unit. E. H. Savage. Re15,583; Apr. 24.
Track-circuit rails, Multiple bond for signal-service. C. O. Harrington. 1,469,302; Oct. 2.
Track construction. H. H. Diehl. 1,464,975; Aug. 14
Track construction. W. J. Goodwin. 1,443,257; Jan. 23.
Track construction. J. Roberts. 1,458,078; June 5.
Track gauge. J. T. Doyle. 1,478,604; Dec. 25.
Track hanger. H. L. Ferris. 1,464,982; Aug. 14.
Track-hazard indicator. P. J. Simmen. Re15,561; Mar. 13.
Track hazard indicator. P. J. Simmen. Re15,732; Dec. 11.
Track-laying machine. J. R. McGiffert. 1,454,176; May 8.
Track liner. J. W. Frye. 1,467,722; Sept. 11.
Track liner. W. P. Thomson and C. A. Disbrow. 1,465,795; Aug. 21.
Track link. G. F. Arthur. 1,450,478; Apr. 3.
Track link. P. E. Holt. 1,442,567; Jan. 16.
Track lug, Endless-. T. Watson. 1,474,456; Nov. 20.
Track, Method of and means for reconstructing. W. P. Day. 1,478,508; Dec. 25.
Track raising and shifting apparatus. J. Forsberg. 1,458,402; June 12.
Track sander. R. A. Light and J. W. Price, jr. 1,459,737; June 26.
Track signal. L. S. Snell. 1,461,165; July 10.
Track structure. L. P. Chicoine. 1,459,140; June 19.
Track structure. C. A. Psilander. 1,466,630; Aug. 28.
Track surface and cleaner. P. Ursino. 1,469,464; Oct. 2.
Track switches and signals, Safety device for. A. Fisher. 1,473,841; Nov. 13.
Track terminals, Machine for forming. T. O. Culpepper. 1,454,811; May 8.
Track tongue switch, Round-. R. B. Older. 1,472,808; Nov. 6.
Track tool. H. L. Goldbeck. 1,468,231; Sept. 18.
Tracker bar, Transposing. R. Head. 1,470,363; Oct. 9.
Tracking device. R. Bukow. 1,454,621; May 8.
Tracking device, Automatic. J. H. Chase. 1,443,678; Jan. 30.
Tracks, Automatic switch closer for. F. P. Portello. 1,449,778; Mar. 27.
Tracks, Switch for overhead. R. F. Rasmussen. 1,454,188; May 8.
Traction appliance. J. T. Richards. 1,447,040; Feb. 27.
Traction device. L. W. Chism. 1,441,214; Jan. 9.
Traction device. C. Parent. 1,469,105; Sept. 25.
Traction device. J. H. Reisler. 1,457,395; June 5.
Traction device. A. Stewart. 1,464,781; Aug. 14.
Traction device. J. G. Stokes. 1,477,983; Dec. 18.
Traction lug. A. Mitchell. 1,443,374; Jan. 30.
Traction machine. H. and L. Nilson. 1,446,479; Feb. 27.
Traction machine, General-utility. J. H. Wiest. 1,467,822; Sept. 11.
Traction mechanism. I. H. Athey. 1,458,962; June 19.
Traction or antiskid device. J. Reichert. 1,473,442; Nov. 6.
Traction shoe. F. H. Heine. 1,474,967; Nov. 20.
Traction system, Conductor arrangement of electric. C. E. Fairburn. 1,458,692; June 12.
Traction track and its supporting truck, Ground-treading endless. J. G. Leyner. 1,473,569; Nov. 6.
Traction wheel. L. J. Fellay. 1,455,869; May 22.
Traction wheel. A. J. Harder. 1,443,076; Jan. 23.
Traction wheel. S. H. Phelps. 1,442,583; Jan. 16.
Traction wheel. J. H. Pierce. 1,451,177; Apr. 10.
Traction wheel. L. E. Slauson. 1,441,303; Jan. 9.
Traction-wheel drive gearing. F. V. Elbertz. 1,469,433; Oct. 2.
Traction wheel with movable blades. F. Tréchot. 1,450,656; Apr. 3.
Tractor. E. G. Adams. 1,451,194; Apr. 10.
Tractor. C. S. Allen. 1,461,642; July 10.
Tractor. W. A. Armstrong. 1,461,997; July 17.
Tractor. R. J. Aultman. 1,458,963; June 19.
Tractor. A. U. Avera. 1,457,647; June 5.
Tractor. E. H. Belden. 1,452,262; Apr. 17.
Tractor. C. E. Bird. 1,453,265; May 1.
Tractor. J. W. Brockson. 1,461,027; July 10.
Tractor. T. Brown. 1,441,480; Jan. 9.
Tractor. E. J. Bursheim. 1,450,837; Apr. 3.

Tractor. S. C. Carter. 1,457,692; June 5.
Tractor. E. S. Cole. 1,459,361; June 19.
Tractor. W. F. Collins. 1,442,383; Jan. 16.
Tractor. A. de Virel and M. E. Cahen. 1,443,619; Jan. 30.
Tractor. G W. Dunham. 1,455,394; May 15.
Tractor. G. R. Gehrandt. 1,478,824; Dec. 25.
Tractor. D. F. Geiger. 1,456,730; May 29.
Tractor. E. S. George. 1,443,951; Feb. 6.
Tractor. W. G. Gomez. 1,449,597; Mar. 27.
Tractor. R. Harroun. 1,452,557; Apr. 24.
Tractor. J. O. Heinze. 1,453,134; Apr. 24.
Tractor. F. Hodgkiss. 1,451,613; Apr. 10.
Tractor. F. Hodgkiss. 1,455,616; May 15.
Tractor. R. Humphries. 1,464,848; Aug. 14.
Tractor. E. A. Johnston and G. W. Engstrom. 1,446,121; Feb. 20.
Tractor. W. Knudsen. 1,454,027; May 1.
Tractor. T. C. Leake. 1,463,366; July 31.
Tractor. E. H. Lichtenberg. 1,477,571; Dec. 18.
Tractor. A. J. Liedtke. 1,441,232; Jan. 9.
Tractor. S. S. McIntyre. 1,449,186; Mar. 20.
Tractor. L. J. Mitchell. 1,456,905; May 29.
Tractor. R. B. Otwell. 1,443,379; Jan. 30.
Tractor. H. Quinby. 1,441,024; Jan. 2.
Tractor. H. Quinby. 1,472,136; Oct. 30.
Tractor. G. P. Risser and A. P. Williams. 1,453,056; Apr. 24.
Tractor. F. E. Roberts and R. J. Hemsteger, 1,445,172; Feb. 13.
Tractor. R. P. Saffold. 1,462,304; July 17.
Tractor. A. M. Schlagel. 1,449,783; Mar. 27.
Tractor. L. C. Shonts and O. W. Howard. 1,452,283; Apr. 17.
Tractor. W. N. Springer. 1,461,714; July 10.
Tractor. C. E. Stahl. 1,443,768; Jan. 30.
Tractor. H. J. Stegeman. 1,455,455; May 15.
Tractor. R. L. Tolson. 1,458,560; June 12.
Tractor. L. E. Waterman, H. R. Traphagen, and H. L. Waterman. 1,451,796; Apr. 17.
Tractor. E. E. Wickersham. 1,455,466; May 15.
Tractor. N. C. Woodin. 1,443,778; Jan. 30.
Tractor, Agricultural. H. I. Washburn. 1,454,093; May 8.
Tractor and motor vehicles, Attachment for. A. W. Knutson. 1,473,298; Nov. 6.
Tractor and truck, Combined. J. J. Moore. 1,454,178; May 8.
Tractor appliance. G. H. Nobbs. 1,466,802; Sept. 4.
Tractor attachment. J. Q. Billings. 1,456,668; May 29.
Tractor attachment. W. T. Fishleigh. 1,463,944; Aug. 7.
Tractor attachment. H. M. Greasley. 1,462,451; July 17.
Tractor attachment. F. T. Heuer and G. D. Latta. 1,455,614; May 15.
Tractor attachment. V. Ivarson. 1,462,341; July 17.
Tractor attachment. J. P. Jergesen. 1,475,069; Nov. 20.
Tractor attachment. J. Mettenburg. 1,448,634; Mar. 13.
Tractor attachment. C. B. Rose. 1,472,888; Nov. 6.
Tractor attachment. A. R. Tilstra. 1,462,155; July 17.
Tractor attachment. H. F. Towner. 1,477,089; Dec. 11.
Tractor attachment for using digging tools at its side. W. E. Ferguson. 1,442,562; Jan. 16.
Tractor attachment hitch. O. M. Marriott, E. W. Hunt, and E. V. Kirby. 1,478,482; Dec. 25.
Tractor brace. R. L. Tolson. 1,451,088; Apr. 10.
Tractor, Chain-track. W. Turnbull. 1,450,465; Apr. 3.
Tractor, Clevis for. J. Dain. 1,444,904; Feb. 13.
Tractor clutch control. J. H. Bryan. 1,477,422. Dec. 11.
Tractor clutch control. C. D. Metzger. 1,460,598; July 3.
Tractor clutch control and brake. R. T. Keller. 1,449,414; Mar. 27.
Tractor connection for agricultural implements. I. Trolley. 1,475,202; Nov. 27.
Tractor connection for agricultural implements. I. Trolley. 1,475,204–5; Nov. 27.
Tractor connection for agricultural implements. I. Trolley. 1,475,207–8; Nov. 27.
Tractor construction. E. E. Wickersham. 1,450,469; Apr. 3.
Tractor control. J. R. Kendrick. 1,468,114; Sept. 18.
Tractor control attachment. A. Asper. 1,442,114; Jan. 16.
Tractor control, Distant. E. L. Thomson. 1,467,658; Sept. 11.
Tractor-controlling device. W. F. Hutton, jr. 1,446,045; Feb. 20.
Tractor draft appliance. H. E. Counter. 1,462,685; July 24.
Tractor-drawn binders, Attachment for use with. C. F. Ried. 1,449,350; Mar. 20.
Tractor, Endless-belt. A. M. Chase. 1,472,431; Oct. 30.
Tractor, Farm. J. L. Allen. 1,459,608; June 19.
Tractor, Farm. L. Blackmore. 1,461,716; July 10.
Tractor, Farm. O. L. Lewis. 1,446,913; Feb. 27.
Tractor flights, Suspension device for endless. F. C. and C. N. Beal. 1,443,556; Jan. 30.
Tractor, Fluid-propelled. S. C. Sladden. 1,444,889; Feb. 13.
Tractor frame. J. C. French. 1,443,355; Jan. 30.
Tractor frame. A. W. Gaubatz. 1,444,967; Feb. 13.
Tractor frame construction. J. Ross. 1,463,593; July 31.
Tractor frame suspension. E. E. Wickersham. 1,442,550–1; Jan. 16.
Tractor frame suspension. E. E. Wickersham. 1,450,468; Apr. 3.
Tractor frame suspension. E. E. Wickersham. 1,474,749; Nov. 20.
Tractor harvester transmission. C. H. Ray. 1,443,543; Jan. 30.
Tractor hitch. G. E. Bollman. 1,462,930; July 24.
Tractor hitch. F. C. Brown and E. E. Nason. 1,442,247; Jan. 16.
Tractor hitch. F. M. Coe. 1,444,456; Feb. 6.
Tractor hitch. F. P. Dedering. 1,453,383; May 1.
Tractor hitch. R. Deming. 1,466,274; Aug. 28.
Tractor hitch. F. M. Fischer. 1,460,578; July 3.
Tractor hitch. A. E. Imler. 1,475,390; Nov. 27.
Tractor hitch. M. M. Knowles and J. N. Bates. 1,462,414; July 17.
Tractor hitch. J. Mader. 1,446,125; Feb. 20.
Tractor hitch. I. Trolley. 1,475,206; Nov. 27.
Tractor hitch for agricultural implements. I. Trolley. 1,475,203; Nov. 27.
Tractor lag. H. G. Bowker. 1,474,400; Nov. 20.
Tractor, Motor. E. R. Pelling and V. A. Mattick. 1,451,448; Apr. 10.
Tractor, Motor logging. C. Noble. 1,474,282; Nov. 13.
Tractor, Multipedal. J. C. French. 1,443,787; Jan. 30.
Tractor or the like. L. B. Horton. 1,463,817; Aug. 7.
Tractor or truck wheel. L. Look. 1,453,686; May 1.
Tractor plow. A. T. Brown. 1,446,826; Feb. 27.
Tractor plow attachment. J. D. Reisz. 1,443,647; Jan. 30.
Tractor plowhitch, Swiveled. E. V. Kauffman. 1,477,061; Dec. 11.
Tractor, Power. A. G. Byerley. 1,454,698; May 8.
Tractor, Road. H. J. Casey. 1,445,754; Feb. 20.
Tractor shield. F. M. Sanders. 1,442,237; Jan. 16.
Tractor spreader. S. Munson. 1,451,627; Apr. 10.
Tractor spur or lug, Removable. C. M. Steward. 1,473,058; Nov. 6.
Tractor steering mechanism. J. G. Bolte. 1,461,965; July 17.
Tractor suspension. E. E. Wickersham. 1,450,472; Apr. 3.
Tractor top. H. W. Hanson. 1,465,712; Aug. 21.
Tractor, Tracklaying. E. H. Savage. 1,452,171; Apr. 17.
Tractor trailer. W. C. Nabors. 1,470,328; Oct. 9.
Tractor trailer. A. Stewart. 1,442,708; Jan. 16.
Tractor transmission. G. J. Ziegler. 1,459,491; June 19.
Tractor tread. C. Gentry. 1,469,001; Sept. 25.
Tractor tread link. E. E. Wickersham. 1,450,471; Apr. 3.
Tractor truck mechanism. G. C. Jett. 1,447,210; Mar. 6.
Tractor water-cooling device. J. Guth. 1,465,432; Aug. 21.
Tractor wheel. G. C. Davison. 1,475,544; Nov. 27.
Tractor wheel. K. S. Gingerick. 1,451,769; Apr. 17.
Tractor wheel. H. G. Stone. 1,447,442; Mar. 6.
Tractor wheel. W. W. Tuttle. 1,461,951; July 17.
Tractor wheel. G. J. Walker. 1,459,190; June 19.
Tractor wheel. T. C. Whitehead. 1,470,901; Oct. 16.
Tractor-wheel fluke. C. W. Hart. 1,458,937; June 19.
Tractor wheel, Variable. L. Atwood. 1,450,626; Apr. 3.
Tractor, Wheeled. B. W. Morton. 1,456,816; May 29.
Tractor, Wheeled. B. W. Morton. 1,456,818; May 29.
Tractor wheels, Detachable traction lug for. C. S. Burton. 1,473,398; Nov. 6.
Tractors, Antitilting device for. D. Duncan. 1,478,428; Dec. 25.
Tractors, Apparatus-carrying attachment for. C. O. Thomas. 1,447,823; Mar. 6.
Tractors and other motor-driven vehicles, Seat support for. F. A. Schultz. 1,467,817; Sept. 11.
Tractors and trailers, Coupling for. M. Ozimek. 1,475,964; Dec. 4.
Tractors, Automatic latch mechanism for clutch control for Ford and other. H. B. Clark. 1,443,308; Jan. 23.
Tractors, Clutch-lever attachment for. L. Conboy. 1,473,466; Nov. 6.
Tractors, Clutch lock for. H. C. Sutcliffe. 1,441,186; Jan. 2.
Tractors, Clutch-pedal operator for. J. H. Stroh. 1,475,727; Nov. 27.
Tractors, Clutch release for. O. H. Gardalen. 1,448,623; Mar. 13.
Tractors, Colter attachment for. B. W. Morton. 1,456,819; May 29.
Tractors, Controlling means for. R. J. Stimson. 1,451,927; Apr. 17.
Tractors, Controlling mechanism for. O. W. Howard. 1,452,296; Apr. 17.
Tractors, Coupling apparatus for. H. Kaiser. 1,460,347; June 26.
Tractors, Cultivator attachment for. S. I. Neher. 1,462,022; July 17.
Tractors, Distant control for. F. T. Court. 1,453,130; Apr. 24.
Tractors, Draft connection for. W. A. Engelhardt. 1,467,573; Sept. 11.
Tractors, Draft coupling for. H. P. Timm. 1,467,519; Sept. 11.

Alphabetical list of inventions—Continued.

Tractors, Draft rigging for. M. A. Rumsky. 1,476,647; Dec. 4.
Tractors, Drawbar and power attachment for. N. O. John. 1,455,493; May 15.
Tractors, Drawbar rig for. J. J. Tracy. 1,444,402; Feb. 6.
Tractors, Drive-wheel construction for. H. Krombein. 1,456,887; May 29.
Tractors, Endless-chain drive for. J. W. and E. H. McMillan. 1,446,712; Feb. 27.
Tractors, Extension frame for Fordson. W. J. Wylie and C. W. Cooper. 1,461,598; July 10.
Tractors, Foot accelerator for. G. J. Boock. 1,466,688; Sept. 4.
Tractors, Governor attachment for. H. Essmann. 1,441,916; Jan. 9.
Tractors, Grading and scarifying device for. C. W. Howe and J. L. Garver. 1,460,585; July 3.
Tractors, Hitch and clutch release device for. W. P. Stough. 1,457,046; May 29.
Tractors, Main-frame suspension for. E. E. Wickersham. 1,442,552; Jan. 16.
Tractors, Narrow-tread front-wheel attachment for. J. L. Opitz. 1,468,669; Sept. 25.
Tractors, Plow attachment for. B. W. Morton. 1,447,221; Mar. 6.
Tractors, Plow attachment for. B. W. Morton. 1,456,815; May 29.
Tractors, Plow attachment for. B. W. Morton. 1,456,817; May 29.
Tractors, Pulley attachment for. H. C. Uttech. 1,456,160; May 22.
Tractors, Rear-axle extension device for. J. L. Opitz. 1,470,283; Oct. 9.
Tractors, Replacement shaft and rear-axle support for. A. F. Toppins. 1,465,458; Aug. 21.
Tractors, Road-scraper attachment for. A. E. Detwiler. 1,442,796; Jan. 23.
Tractors, Roller attachment for. J. B. Theisen. 1,447,697; Mar. 6.
Tractors, Rope-drum attachment for. H. I. Eaton and F. A. Reiley. 1,455,575; May 15.
Tractors, Safety attachment for. L. Bierschbach. 1,453,264; May 1.
Tractors, Safety device for. J. Cockrill. 1,454,957; May 15.
Tractors, Safety device for. E. R. Miller. 1,457,712; June 5.
Tractors, Safety device for. J. S. Rairden. 1,453,995; May 1.
Tractors, Saw attachment for. V. L. Holt. 1,472,394; Oct. 30.
Tractors, Scraper attachment for. E. J. Andrews. 1,459,566; June 19.
Tractors, Steering attachment for. C. G. Hartley. 1,459,828; June 26.
Tractors, Steering device for track-laying. C. L. Best. 1,442,555; Jan. 16.
Tractors, Steering means for. E. H. Belden. 1,452,263; Apr. 17.
Tractors, Sweep rake for. B. A. Spinney. 1,477,919; Dec. 18.
Tractors, Tire structure for. I. F. Kepler and A. A. Robb. 1,452,345; Apr. 17.
Traffic-controlling system. A. V. T. Day. 1,458,616; June 12.
Traffic-controlling system. A. V. T. Day. Re15,671; Aug. 14.
Traffic danger signal. E. De Bogory. 1,466,333; Aug. 28.
Traffic guide. H. J. Smith. 1,450,616; Apr. 3.
Traffic guide and traffic-regulating signal, Combination. T. E. Hayes. 1,447,659; Mar. 6.
Traffic indicator. W. D. Kyle. 1,473,375; Nov. 6.
Traffic marker. L. J. Betts. 1,469,146; Sept. 25.
Traffic, Means for accelerating. G. W. Price and A. H. Orrok. 1,442,360; Jan. 16.
Traffic regulator. G. C. Degner. 1,462,266; July 17.
Traffic-regulator signal casing. L. J. Klug. Des. 63,137; Oct. 16.
Traffic signal. I. Berenson. Des. 63,449; Dec. 11.
Traffic signal. H. Bock. 1,448,379; Mar. 13.
Traffic signal. J. Brandenberg and W. W. Smith. 1,465,708; Aug. 21.
Traffic signal. J. T. Cappell. 1,443,945; Feb. 6.
Traffic signal. H. W. Chittenden. 1,465,346; Aug. 21.
Traffic signal. C. F. Kellerman. 1,462,365; July 17.
Traffic signal. J. E. Kennedy. 1,440,393; Jan. 2.
Traffic signal. J. E. Kennedy. 1,467,173; Sept. 4.
Traffic signal. A. Latshaw. 1,450,636; Apr. 3.
Traffic signal. S. Miller. Des. 62,209; Apr. 10.
Traffic signal. G. A. Morgan. 1,475,024; Nov. 20.
Traffic signal. J. C. Nickley and S. Elmlinger. 1,446,315; Feb. 20.
Traffic singal. F. F. Race. 1,468,974; Sept. 25.
Traffic signal. B. A. Rexford. 1,457,269; May 29.
Traffic signal. W. F. Stellner. 1,467,206; Sept. 4.
Traffic signal. D. Sweeney. 1,451,237; Apr. 10.
Traffic signal. W. Thomas, jr. Des. 62,429; May 22.
Traffic signal, Automatic. C. M. Snell. 1,473,448; Nov. 6.
Traffic signal, Automatic. L. Strong. 1,466,809; Sept. 4.
Traffic-signal-operating mechanism. G. T. Wroughton. 1,454,808; May 8.
Traffic signal or indicator. A. C. Fowls. 1,456,923; May 29.
Traffic signal, Vehicle. W. F. Sheeley. 1,463,927; Aug. 7.
Trail stop. D. A. Gurney. 1,462,280; July 17.
Trailer. H. O. Kreissle. 1,450,554; Apr. 3.
Trailer. H. Wenneborg. 1,459,521; June 19.
Trailer box and tank car. H. Coanda. 1,458,465; June 12.
Trailer, Camping. M. Caplan. 1,461,574; July 10.
Trailer, Collapsible. A. G. Gleissner. 1,471,479; Oct. 23.
Trailer connection. E. F. Hartwick. 1,461,880; July 17.
Trailer construction. J. Hines. 1,442,342; Jan. 16.
Trailer coupling. H. F. Biggam. 1,460,839; July 3.
Trailer coupling. C. G. Clement. 1,461,412; July 10.
Trailer, Extensible. C. G. Clement. 1,471,549; Oct. 23.
Trailer hitches, Pin guard for. G. H. Prescett. 1,457,747; June 5.
Trailer jack. C. W. Ripsch. 1,475,598; Nov. 27.
Trailer operating mechanism. H. J. Ralston. 1,468,975; Sept. 25.
Trailer, Two-wheeled. C. G. Clement. 1,471,548; Oct. 23.
Train-control safety device. B. W. Davis. 1,468,286; Sept. 18.
Train and platform, Passenger. L. Newman. 1,462,868; July 24.
Train control. A. R. Angus. 1,443,305; Jan. 23.
Train control. A. E. and M. Snyder. 1,443,807; Jan. 30.
Train control. W. Stine. 1,442,011; Jan. 9.
Train control, Automatic. C. B. Parker. 1,464,955; Aug. 14.
Train control, Automatic. P. J. Simmen. 1,440,417; Jan. 2.
Train control, Automatic. P. J. Simmen. 1,460,449; July 3.
Train control, Automatic. P. J. Simmen. Re. 15,541; Feb. 13.
Train-control device, Automatic. G. H. Sanborn. 1,447,227; Mar. 6.
Train-control device, Automatic. T. H. Thomas. 1,454,570; May 8.
Train control, Electromagnetic. A. L. Ruthven. 1,470,109; Oct. 9.
Train-control means. S. Palc and E. G. Bostwick. 1,441,371; Jan. 9.
Train control, Simplex. A. L. Ruthven. 1,470,108; Oct. 9.
Train-control system. I. A. and J. C. Call. 1,478,273; Dec. 18.
Train-control system, Automatic. C. S. Bushnell. 1,469,248; Oct. 2.
Train-control system, Automatic. L. E. Dodge and N. D. Preston. 1,469,408; Oct. 2.
Train-control system, Automatic. W. K. Howe. 1,454,513; May 8.
Train-control systems, Brake-controlling mechanism for automatic. M. F. Geer. 1,454,231; May 8.
Train control, Track device for automatic. W. M. Beck. 1,461,792; July 17.
Train-controlling apparatus, Automatic. E. H. Olson, J. C. H. Clark, M. B. Mealey, and C. Pelter. Re15,664; July 31.
Train-controlling means, Auxiliary. F. J. McAvoy. 1,442,692; Jan. 16.
Train-controlling mechanism. A. E. and M. Snyder. 1,458,448; June 12.
Train light. L. H. Lee. 1,440,878; Jan. 2.
Train-order holder. J. J. Metz. 1,450,813; Apr. 3.
Train-order holder and hook. O. F. Kloetzer. 1,454,896; May 15.
Train-pipe connector. H. F. Bickel. 1,460,364; July 3.
Train-pipe connector, Automatic. J. V. Robinson. Re15,596; May 8.
Train-pipe connector, Automatic. J. V. Robinson. Re15,639; June 26.
Train-pipe couplings, Machine for removing and replacing metal parts of. W. D. Faidley, jr., J. W. Morris, and S. A. Patterson. 1,461,578; July 10.
Train pipes, Automatic connector for. J. G. Talmage. 1,474,920; Nov. 20.
Train pipes, Coupling mechanism for. L. M. King. 1,459,537; June 19.
Train signaling and control system, Combined automatic. J. W. Buell. 1,442,853; Jan. 23.
Train-speed control, Automatic. M. E. Hamilton and W. H. Johnson. 1,448,959; Mar. 20.
Train-speed control, Automatic. M. E. Hamilton and W. H. Johnson. Re15,633; June 19.
Train stop. W. Maxwell and L. A. Barker. 1,459,029; June 19.
Train stop. J. McFarland. 1,451,952; Apr. 17.
Train stop and control mechanism, Automatic. H. F. Haller. 1,455,115; May 15.
Train stop, Automatic. E. de Leon. 1,463,679; July 31.
Train stop, Automatic. E. R. Salazar. 1,463,096; July 24.
Train-stopping apparatus. L. Dunn. 1,457,899; June 5.
Train-stopping apparatus, Automatic. C. C. Hole. 1,456,442; May 22.
Train-stopping apparatus, Track device for automatic. C. C. Hole. 1,456,443; May 22.
Trains, Air brake for. E. M. Cavanagh and R. E. McFarlane. 1,461,968; July 17.
Trains, Draft gear for. B. S. Dickerson. 1,470,153; Oct. 9.

Trains in motion, Automatic apparatus for signaling railway. G. Dalla Bona. 1,457,728; June 5.
Tramcars, Trolley head for electric. F. Sharp and J. Martin. 1,477,720; Dec. 18.
Trams, Trolley-pole safety appliance for electric. P. M. D. Ireland. 1,448,350; Mar. 13.
Tramper. W. H. Holtby. 1,443,023; Jan. 23.
Tramper. O. Mitchell. 1,463,221; July 31.
Transcript rack, Stenographer's. J. W. Dandridge. 1,455,603; May 15.
Transfer device, Character-. G. Dumars. 1,470,066; Oct. 9.
Transfer mechanism. C. O. Petitjean. 1,478,356; Dec. 18.
Transfer-table locking and aligning device. M. G. Hilpert. 1,442,148; Jan. 16.
Transfers to convex, concave, and other articles, Process and apparatus for applying. A. M. Westling. 1,467,595; Sept. 11.
Transformer. R. V. Bingay. 1,458,126; June 12.
Transformer. R. V. Bingay. 1,476,138; Dec. 4.
Transformer. L. T. Grady. 1,454,638; May 8.
Transformer. S. Horelick. 1,452,158; Apr. 17.
Transformer. E. P. Maurer. 1,457,784; June 5.
Transformer. L. C. Nichols. 1,476,172; Dec. 4.
Transformer and application of the same to heating. H. E. Snodgrass and T. M. Hunter. 1,478,262; Dec. 18.
Transformer, Audiofrequency coupling. S. Cohen. 1,457,619; June 5.
Transformer-controlling means. R. V. Bingay. 1,463,304; July 31.
Transformer cooler and electric heater. A. H. Waage. 1,458,634; June 12.
Transformer installation. W. A. Pressey. 1,459,988; June 26.
Transformer, Regulating. N. Wenzel. 1,454,005; May 1.
Transformer structures, Forming. R. V. Bingay. 1,472,863; Nov. 6.
Transitional coupling arrangement. R. E. L. Janney. 1,450,293; Apr. 3.
Translating apparatus. R. A. Heising. 1,456,503; May 29.
Translating device. H. F. Schmidt. 1,447,103; Feb. 27.
Translating material. M. Sims. 1,465,567; Aug. 21.
Translational movement, Device for producing relative. H. Egg. 1,469,630; Oct. 2.
Translucent sheet, Flexible. G. D. Anderson. 1,475,774; Nov. 27.
Transmission. G. L. Bayley. 1,464,691; Aug. 14.
Transmission. L. P. Carhart. 1,443,976; Feb. 6.
Transmission. V. R. Carter. 1,477,628; Dec. 18.
Transmission. W. S. Cunningham. 1,467,923; Sept. 11.
Transmission. G. O. Holstad. 1,473,555; Nov. 6.
Transmission. E. M. Kramer. 1,474,971; Nov. 20.
Transmission. B. C. Zuhars and H. D. Clarke. 1,449,482; Mar. 27.
Transmission and bearing, Resilient. B. F. Seymour. 1,474,121–2; Nov. 13.
Transmission and bearing, Resilient. B. F. Seymour. 1,477,908–12; Dec. 18.
Transmission and brake mechanism. M. F. Judd. 1,459,470; Jan. 19.
Transmission and receiving system. J. H. Hammond, jr. 1,472,218; Oct. 30.
Transmission apparatus. E. Belin. 1,443,066; Jan. 23.
Transmission apparatus. M. T. Voigt. 1,444,573; Feb. 6.
Transmission appliance. A. W. Rivett and B. Weinberger. 1,467,687; Sept. 11.
Transmission attachment. G. R. Richardson. 1,458,003; June 5.
Transmission, Auxiliary. E. F. Dick. 1,473,216; Nov. 6.
Transmission band. M. L. Bruce. 1,473,009; Nov. 6.
Transmission band. V. F. Franck. 1,458,815; June 12.
Transmission band. W. Henry. 1,440,735; Jan. 2.
Transmission band. A. P. Pfeffer. 1,461,286; July 10.
Transmission-band-adjusting means. C. Lemery. 1,449,120; Mar. 20.
Transmission band and case cover. H. E. Miebach and A. S. Caughey. 1,464,138; Aug. 7.
Transmission-band material. J. C. Burne. 1,449,143; Mar. 20.
Transmission bands, Adjusting mechanism for. A. Krĕhlik. 1,461,916; July 17.
Transmission case. J. Ross. 1,447,266; Mar. 6.
Transmission-case cover. H. E. Miebach and A. S. Caughey. 1,451,173; Apr. 10.
Transmission channels, Means for ringing over multiplex. H. A. Affel. 1,454,840; May 15.
Transmission channels, Means for signaling over multiplex. H. A. Affel. 1,472,035; Oct. 30.
Transmission channels, Means for ringing over multiplex. L. Espenschied. 1,454,158–9; May 8.
Transmission circuits. R. C. Mathes. 1,456,510; May 29.
Transmission circuits. R. C. Mathes. 1,472,610; Oct. 30.
Transmission circuits, Multiplex. D. K. Martin. 1,461,064; July 10.
Transmission control. J. H. Hawley. 1,452,505; Apr. 24.
Transmission-controlling apparatus. C. S. Demarest. 1,444,830; Feb. 13.
Transmission device. H. M. Chase. 1,446,438; Feb. 20.
Transmission device. W. E. Kelly. 1,449,048; Mar. 20.
Transmitting device. J. B. Speed. 1,471,013; Oct. 16.
Transmission device. C. W. Weiss. 1,452,946; Apr. 24.
Transmission device. C. W. Weiss. 1,469,059–61; Sept. 25.
Transmission drive. W. H. Schulze. 1,461,941; July 17.
Transmission, Equalizing. W. H. Martin. 1,470,632; Oct. 16.
Transmission, Fluid-controlled. A. J. Williams. 1,456,956; May 29.
Transmission-gear-shifting mechanism. A. G. Wagner. 1,457,199; May 29.
Transmission, Gearless planetary. F. W. Seeck. 1,449,352; Mar. 20.
Transmission-greasing appliance. A. J. Evers. 1,464,502 Aug. 14.
Transmission, Hydraulic. J. H. and G. A. Burrow. 1,458,390; June 12.
Transmission, Hydraulic. C. Kruse. 1,455,295; May 15.
Transmission lock. O. Carroll. 1,469,620; Oct. 2.
Transmission lock. H. F. Kaelble. 1,452,203; Apr. 17.
Transmission mechanism. W. H. Clingman. 1,463,919; Aug. 7.
Transmission mechanism. B. Hall. 1,470,564–5; Oct. 9.
Transmission mechanism. R. O. Hellwarth. 1,470,078; Oct. 9.
Transmission mechanism. C. H. Gill. 1,440,536; Jan. 2.
Transmission mechanism. F. M. Goodhue. 1,474,901; Nov. 20.
Transmission mechanism. G. Kaiser. 1,445,323; Feb. 13.
Transmission mechanism. L. H. Keim. 1,454,930; May 15.
Transmission mechanism. C. E. Kocher. 1,459,026; June 19.
Transmission mechanism. T. J. McCloskey. 1,472,724; Oct. 30.
Transmission mechanism. J. E. Minner. 1,474,279; Nov. 13.
Transmission mechanism. A. E. Osborn. 1,445,160; Feb. 13.
Transmission mechanism. W. H. Ripley. 1,442,908; Jan. 23.
Transmission mechanism. G. A. Schacht. 1,452,220; Apr. 17.
Transmission mechanism. O. Shaffer. 1,475,516; Nov. 27.
Transmission mechanism, Automatic crank. C. H. Gill. 1,462,810; July 24.
Transmission mechanism, Direction-changing. R. H. White. 1,456,349; May 22.
Transmission mechanism, Duplex frictional. W. A. Hayden. 1,443,991; Feb. 6.
Transmission mechanism, Gearless differential. E. J. Ziegler. 1,463,356; July 31.
Transmission mechanism, Self-adjusting. C. H. Gill. 1,462,809; July 24.
Transmission mechanism, Slippage-governed. C. H. Gill. 1,458,334; June 12.
Transmission, Motor. C. W. H'Doubler. 1,442,217; Jan. 16.
Transmission, Multiple balancing arrangement for multiplex. L. Espenschied. 1,458,225; June 12.
Transmission, Multiple balancing arrangement for multiplex. H. S. Osborne. 1,458,193; June 12.
Transmission of power, Hydraulic mechanism for the. A. G. M. Michell. 1,451,997; Apr. 17.
Transmission or brake band. G. R. Hoffman. 1,468,811; Sept. 25.
Transmission over lines of different electrical characteristics, Means for equalizing. L. F. Morehouse. 1,458,988; June 19.
Transmission over lines of different electrical characteristics, Means for equalizing. G. K. Thompson. 1,459,003–5; June 19.
Transmission-regulating circuit. G. Crisson. 1,465,972; Aug. 28.
Transmission regulation. H. A. Affel. 1,468,687; Sept. 25.
Transmission release. J. Young and M. L. Frakes. 1,463,237; July 31.
Transmission, Resilient. B. F. Seymour. 1,462,383; July 17.
Transmission, Selective circuit for multiplex. H. A. Affel. 1,455,827; May 22.
Transmission system. D. G. Blattner. 1,459,434; June 19.
Transmission system. G. W. Elmen. 1,470,965; Oct. 16.
Transmission system. L. Espenschied. 1,441,270; Jan. 9.
Transmission system. L. Espenschied. 1,466,708; Sept. 4.
Transmission system. H. J. van der Bijl. 1,445,731; Feb. 20.
Transmission system, Carrier-wave. A. W. Kishpaugh. 1,473,433; Nov. 6.
Transmission system, Synchronous. E. A. Sperry. 1,468,330; Sept. 18.
Transmission systems, Composite ringer for multiplex. L. Espenschied. 1,451,767; Apr. 17.
Transmission systems, Facsimile. H. G. Bartholomew. 1,454,719; May 8.
Transmission unit. P. T. Robin. 1,469,538; Oct. 2.
Transmissions, Cone mounting for speed-varying. M. O. Reeves. 1,440,797; Jan. 2.
Transmissions, Gear-shifting device for. O. L. Lewis. 1,463,328; July 31.

Transmitter. J. P. Minton. 1,456,511; May 29.
Transmitting device, Impulse-. L. D. Plotner. 1,445,235; Feb. 13.
Transmitting mechanism. L. E. Benson and T. R. Rose. 1,445,474; Feb. 13.
Transmitting mechanism, Impulse-. J. B. Harlow. 1,442,429; Jan. 16.
Transmitting motion, Means for. P. Bossu. 1,449,263; Mar. 20.
Transmitting words, Apparatus for. M. Brodeur. 1,453,,741; May 1.
Transom lift. G. Leake. 1,460,023; June 26.
Transom-operating means, Concealed. E. P. Harris. 1,475,012; Nov. 20.
Transom-operating mechanism. O. A. Smith and G. J. Leber. 1,465,951; Aug. 28.
Transom-operating mechanism. O. A. Smith and G. J. Leber. 1,465,953; Aug. 28.
Transparency and making same. W. B. Wescott. 1,454,418; May 8.
Transparency, Ornamental. J. T. Boyle. 1,462,481; July 24.
Transplanter. A. Denis. 1,442,607; Jan. 16.
Transplanter. U. B. Frawley. 1,475,061; Nov. 20.
Transplanting device. H. D. Elliott. 1,452,110; Apr. 17.
Transplanting device. H. D. Elliott. 1,456,921; May 29.
Transportation system, Monorail. F. R. Cornwall. 1,460,534; July 3.
Transporting and weighing loads, Apparatus for. F. Pruaño. 1,443,927; Jan. 30.
Transporting apparatus, Sling releaser for. M. Casamayor. 1,451,324; Apr. 10.
Transporting loose material, Means for. K. Davis. 1,440,378; Jan. 2.
Trap: *See*—

Animal trap.	Minnow trap.
Ant trap.	Mouse trap.
Bait trap.	Mouse and rat trap.
Bathtub trap.	Pigeon trap.
Beaver trap.	Rat trap.
Bird and animal trap.	Refrigerator trap.
Boll-weevil trap.	Rodent trap.
Cascade dust trap.	Sand trap.
Collapsible minnow trap.	Silt trap.
Drain trap.	Steam trap.
Drainpipe trap.	Target trap.
Exterminator trap.	Thermostatic steam trap.
Fish trap.	Tilting trap.
Flytrap.	Vacuum trap.
Game trap.	Waste trap.
Gopher trap.	Water trap.
Insect trap	Water-pipe trap.
Lobster trap.	

Trap. L. C. Accola. 1,461,743; July 17.
Trap. J. F. Allison. 1,464,399; Aug. 7.
Trap. H. M. Britan. 1,464,559; Aug. 14.
Trap. W. F. Butler. 1,455,106; May 15.
Trap. F. S. Conklin. 1,467,921; Sept. 11.
Trap. S. B. Conner. 1,443,309; Jan. 23.
Trap. F. H. Crago. 1,466,332; Aug. 28.
Trap. W. I. Croyle. 1,463,874; Aug. 7.
Trap. A. B. Dodson. 1,464,261; Aug. 7.
Trap. C. H. Dugas. 1,467,846; Sept. 11.
Trap. A. R. Gilmore and G. R. Carson. 1,463,117; July 24.
Trap. L. F. Hardesty. 1,462,007; July 17.
Trap. S. Lange. 1,466,178; Aug. 28.
Trap. A. Marengo. 1,478,238; Dec. 18.
Trap. A. and J. Marengo. 1,441,442; Jan. 9.
Trap. M. L. Martin. 1,460,596; July 3.
Trap. G. Mezei. 1,445,153; Feb. 13.
Trap. M. M. Moffitt. 1,456,676; May 29.
Trap. J. Nelson. 1,445,543; Feb. 13.
Trap. N. S. Nelson. 1,473,505; Nov. 6.
Trap. W. L. Ninow and R. C. Mittelstaedt. 1,444,132; Feb. 6.
Trap. J. K. Nordenstam. 1,453,167; Apr. 24.
Trap. L. Reyes. 1,448,002; Mar. 13.
Trap. N. M. Rosendahl. 1,458,630; June 12.
Trap. J. L. Rufty. 1,465,528; Aug. 21.
Trap. M. Sacks. 1,441,118; Jan. 2.
Trap. L. Savicks. 1,466,602; Aug. 28.
Trap. L. C. Schneider. 1,442,449–50; Jan. 16.
Trap. A. Sentell. 1,448,092; Mar. 13.
Trap. H. A. Smith. 1,467,818; Sept. 11.
Trap. P. Strong. 1,465,378; Aug. 21.
Trap. C. Theriot. 1,447,525; Mar. 6.
Trap. W. J. Turner. 1,454,988; May 15.
Trap. I. Wagner. 1,474,805; Nov. 20.
Trap. N. V. Wallis. 1,462,399; July 17.
Trap-drum support. L. A. Mueller. 1,450,732; Apr. 3.
Trap for capturing animals. A. B. Dodson. 1,462,102; July 17.
Trap nest. H. C. Smith. 1,478,620; Dec. 25.
Trap placer. A. Thomas. 1,453,812; May 1.
Traps, Safety attachment for mouse and rat. J. J. Reisiger. 1,477,446; Dec. 11.
Traps, Safety guard for spring. M. S. Pittman. 1,441,523; Jan. 9.
Traps, Testing and safety device for. T. L. Munroe. 1,472,666; Oct. 30.
Trapshooting, Target-throwing device for. C. H. Slusher. 1,459,421; June 19.
Trash receptacle, Public. W. M. Viser. Des. 62,313; May 1.
Travel and sales guide. J. H. Sharp. 1,450,335; Apr. 3.
Travel-indicating instruments, Drive connection for. W. H. Schulze. 1,461,806; July 17.
Travelers, Correspondence kit for. F. S. Lorenz. 1,445,333; Feb. 13.
Traveler's set. D. Michie. 1,466,139; Aug. 28.
Traveling bag. M. Pollock. 1,445,236; Feb. 13.
Traveling-bag fastener. G. Panyity. 1,454,651; May 8.
Traveling-bag frames, Catch for. S. Dresner. 1,445,304; Feb. 13.
Traveling blocks, Swivel for. J. H. Schumacher and H. P. Scanlon. 1,441,179; Jan. 2.
Traveling swing. S. C. Jacobs. 1,469,910; Oct. 9.
Trawl. M. R. Hudson. 1,447,553; Mar. 6.
Tray. O. L. F. Haggard and T. O. Rush. 1,434,987; Aug. 14.
Tray. J. W. Hoodwin. 1,469,596; Oct. 2.
Tray and condiment holder, Combination. R. Casciani. Des. 63,024; Sept. 18.
Tray and reflector, Aluminum dirt. F. F. Forshee. 1,456,873; May 29.
Tray, Ash. W. Hanley. Des. 62,988–90; Sept. 4.
Tray, Automatic adjustable shelf. C. E. Chapman. 1,442,424; Jan. 16.
Tray, Carrying. E. A. Benish. 1,441,393; Jan. 9.
Tray, Compartment. C. C. Casey. 1,475,983; Dec. 4.
Tray, Dental. L. Balter. 1,477,098; Dec. 11.
Tray, Dish-holding. C. Breer. 1,461,474; July 10.
Tray drier. W. M. Schwartz. 1,461,682; July 10.
Tray, Egg. A. R. Titus. 1,447,826; Mar. 6.
Tray for use in conjunction with the chemical cleansing of silver. R. A. Faralla. 1,467,574; Sept. 11.
Tray handle. L. M. Schnitzer, L. Garroway, and N. Gelfman. Des. 63,201; Oct. 30.
Tray, Hot-food. C. Stirn. 1,473,799; Nov. 13.
Tray, Jewelry. G. C. Rueckert. 1,475,319; Nov. 27.
Tray-making machine. F. E. Kuster. 1,452,346; Apr. 17.
Tray or sink leg. F. A. Sampson, jr. 1,468,578; Sept. 18.
Tray, Smoker's. G. Fiedler. Des. 63,461; Dec. 11.
Tray, Spiritual-mass card. S. H. Leavenworth. Des. 63,565; Dec. 18.
Tray-turning machine. W. F. Schaller. 1,462,468; July 17.
Tray, Two-compartment. C. C. Casey. 1,476,750; Dec. 11.
Tray, Waiter's. F. F. Maggi. 1,448,558; Mar. 13.
Trays, Detachable foot for wire. F. M. Snyder. 1,463,098; July 24.
Trays, Follower support for use in filing. A. L. Welham. 1,441,465; Jan. 9.
Tread guard. H. S. Esch. 1,444,785; Feb. 13.
Tread mat, Metallic-. H. E. Gothberg. 1,442,063; Jan. 16.
Tread, Nonslipping cleanable. J. Blum. 1,441,327; Jan. 9.
Tread, Resilient safety. C. R. King. 1,474,481; Nov. 20.
Tread unit, Safety-. G. N. Jeppson. 1,458,708; June 12.
Treads and mold used in such method, Vulcanizing. W. M. Jones, jr. 1,467,761; Sept. 11.
Treating materials, apparatus for. M. C. Mabee. 1,451,168; Apr. 10.
Treating materials, Process of and apparatus for. H. D. Rankin. 1,477,664; Dec. 18.
Treatment, Device for bowel. A. E. West. 1,454,302; May 8.
Treatment table. F. Koenigkramer. 1,453,013; Apr. 24.
Tree: *See*—

Artificial tree.	Shoe-tree.
Jumping tree.	

Tree-felling machine. J. E. Hamlin. 1,454,735; May 8.
Tree holder. E. G. Hines. 1,450,807; Apr. 3.
Tree holder. J. Ullrich. 1,463,734; July 31.
Tree-holding stand. E. E. Cleveland. 1,457,820; June 5.
Tree protector. O. Sleen. 1,453,819; May 1.
Trees and the like, Means for preventing frost on. J. S. Cox. 1,461,110; July 10.
Trees, flowerpots, etc., Stand or holder for Christmas. M. Mayer. 1,460,859; July 3.
Trees. Protective cover for fruit. W. C. Curtiss. 1,446,416; Feb. 20.
Trees to retard the flow of sap therein, Means for treating. A. Stevens. 1,442,367; Jan. 16.
Trellises, tree protectors, etc., Knockdown structure for. J. S. Kirfman. 1,448,274; Mar. 13.
Trench defense. J. Bieneck. 1,461,963; July 17.
Trench machines, Trolley for. J. F. Reilly. 1,446,724; Feb. 27.
Trench mortar. F. Rognlie. 1,471,063; Oct. 16.
Trenches, Apparatus for cutting. E. E. Bittner. 1,465,622; Aug. 21.
Trenching machine. T. Loken. 1,472,563; Oct. 30.
Trenching machine. D. W. Stookey. 1,460,117; June 26.
Trenching machines, Side cutter for. R. Brown. 1,477,940; Dec. 18.
Trestle. H. Merkel. 1,442,353; Jan. 16.
Trestle, Collapsible. G. Tomlinson. 1,471,223; Oct. 16.
Trestle, Folding. H. Oetzel. 1,465,947; Aug. 28.
Trial frame. L. W. Bugbee. 1,457,494; June 5.
Trial frame. H. K. Parsons. 1,474,788; Nov. 20.
Triaryl guanidines, Manufacture of. L. P. Kyrides. 1,466,535; Aug. 28.

Trigger mechanism and safety device therefor. E. E. Miller. 1,475,310; Nov. 27.
Trigger motor. H. O. Russell and L. J. Scheben. 1,458,360; June 12.
Trihalogentertiary butyl-alcohol and forming the same, Esters of. T. B. Aldrich. 1,443,552; Jan. 30.
Trimmer: *See*—
Belt-attachment trimmer. Lawn-edge trimmer.
Coal trimmer. Lumber trimmer.
Grass trimmer. Paper trimmer.
Hedge trimmer. Scenery trimmer.
Hedge and grass trimmer. Selvage trimmer.
Lawn trimmer. Tire trimmer.
Trimmers, Adjusting mechanism for. R. Beynon and J. C. Hintz. 1,462,478; July 24.
Trimmers, Turret attachment for edge and shank. A. L. Waters and S. Plawker. 1,440,513; Jan. 2.
Trimming and pasting machine. D. E. Lilly. 1,448,631; Mar. 13.
Trimming machine. R. E. Duplessis. 1,474,347; Nov. 20.
Trimming machine. E. Erickson. 1,468,629; Sept. 25.
Trimming mechanism. R. L. Wilcox. 1,478,314; Dec. 18.
Trimming sheet material, Straightedge device for use in. C. H. Mitchell. 1,471,522; Oct. 23.
Trinket, Jewelry. H. Nalty. Des. 62,406; May 22.
Trinket or similar article. A. Stuetzel and H. W. Bohn. Des. 62,427; May 22.
Trip hook. O. J. McGowan. 1,477,836; Dec. 18.
Trip jack. F. H. Schwerin. 1,466,195; Aug. 28.
Trip trap, High and medium pressure. A. Harrison. 1,467,379; Sept. 11.
Triplane flying boat. G. H. Curtiss. 1,465,973; Aug. 28.
Tripping device. J. B. MacNeill. 1,442,289; Jan. 16.
Triturating member. A. Feust. 1,464,700; Aug. 14.
Trocar. W. B. Wescott. 1,472,377–8; Oct. 30.
Trolley. W. A. Bartlett. 1,471,135; Oct. 16.
Trolley. W. E. Bee. 1,447,169; Mar. 6.
Trolley. W. T. Hill. 1,442,273; Jan. 16.
Trolley. J. F. Reilly. 1,461,454; July 10.
Trolley. J. T. Welsh. 1,478,311; Dec. 18.
Trolley and feed wire clamp. L. E. Armentrout. 1,450,347; Apr. 3.
Trolley apparatus, Electric. E. Schild. 1,445,360; Feb. 13.
Trolley base. L. F. Burnham. 1,473,809; Nov. 13.
Trolley base. E. S. Lincoln. 1,447,217; Mar. 6.
Trolley base. W. Schaake. 1,444,983; Feb. 13.
Trolley collector. P. T. J. Estler. 1,455,578; May 15.
Trolley-conductor hanger. J. P. L. McGivern. 1,464,535; Aug. 14.
Trolley conductors, Support for. H. P. Chandler. 1,448,195; Mar. 13.
Trolley construction. J. F. Healy. 1,450,885; Apr. 3.
Trolley crossing. R. E. Andrew. 1,450,276; Apr. 3.
Trolley ear and hanger, Spring. J. Scott. 1,465,489; Aug. 21.
Trolley for suspended two-rail tracks. N. Krump. 1,445,893; Feb. 20.
Trolley frog. W. Schaake. 1,477,387; Dec. 11.
Trolley frog. W. Schaake and F. H. Miller. 1,464,509; Aug. 14.
Trolley frog and electric cut-out, Combined. C. M. Andrews. 1,463,029; July 24.
Trolley-frog device, Adjustable. H. A. Pharo. 1,478,057; Dec. 18.
Trolley guard. M. Firl. 1,454,673; May 8.
Trolley guard and fender. P. J. Kelley. 1,445,089; Feb. 13.
Trolley hanger. F. Cheszneky. 1,450,970; Apr. 10.
Trolley harp. L. Vollmuth. 1,448,474; Mar. 13.
Trolley-line cut-out, Car-controlled. J. H. Miller. 1,469,672; Oct. 2.
Trolley lines, Crossover for overhead-. G. W. Bower. 1,457,689; June 5.
Trolley lock. W. M. Lauer. 1,473,567; Nov. 6.
Trolley, Log. B. S. Spaulding. 1,469,025; Sept. 25.
Trolley, Multiple-roller electric transmission. G. Donham. 1,443,873; Jan. 30.
Trolley, Overhead. P. L. Hoffman. 1,446,463; Feb. 27.
Trolley pole. G. B. Hamric. 1,468,265; Sept. 18.
Trolley-pole safety device. G. W. Dague. 1,454,706; May 8.
Trolley poles, Flexible attachment for. F. T. Bogard. 1,463,244; July 31.
Trolley replacer. M. M. Sykes. 1,457,677; June 5.
Trolley retriever. G. E. Harpham. 1,441,500; Jan. 9.
Trolley safety clutch. W. B. Haskins. 1,466,375; Aug. 28.
Trolley sheave. J. J. Crapper. 1,474,241; Nov. 13.
Trolley shoe. R. J. Lyle. 1,477,575; Dec. 18.
Trolley shoe, Sliding. H. B. Coats. 1,445,391; Feb. 13.
Trolley, Slide. P. Schultz. 1,462,770; July 24.
Trolley switch. W. E. Bee and W. E. Simpson. 1,447,167; Mar. 6.
Trolley switch. G. W. Bower. 1,477,807; Dec. 18.
Trolley switch. A. Zimmerman. 1,450,057; Mar. 27.
Trolley systems, Feeder clamp for overhead. P. G. Schwarz. 1,445,178; Feb. 13.
Trolley transport, Elevated aerial. G. F. Nilsson, sr. 1,468,508; Sept. 18.
Trolley wheel. R. W. Funk. 1,469,784; Oct. 9.
Trolley wheel. W. C. Harden. 1,443,990; Feb. 6.
Trolley wheel. A. C. Van Hooydonk. 1,444,716; Feb. 6.
Trolley wheel. J. D. Kimmel. 1,468,503; Sept. 18.
Trolley wheel. O. Moore. Re15,693; Oct. 2.
Trolley wheel. J. S. Roncati. 1,471,064; Oct. 16.
Trolley wheel. F. C. Schoenthal. 1,465,873; Aug. 21.
Trolley-wheel guard. J. Trunko. 1,459,663; June 19.
Trolley-wheel mount. T. Sanders. 1,441,755; Jan. 9.
Trolley-wire cut-out switch. T. A. Thomas. 1,460,288; June 26.
Trolley-wire hanger. W. L. Brady. 1,470,423; Oct. 9.
Trolley-wire holder. M. L. Dunlap. 1,448,437; Mar. 13.
Trolley-wire-holding rail. K. C. Hale. 1,463,420; July 31.
Trolley-wire ear. G. W. Bower, 1,442,851; Jan. 23.
Trolley-wire frog. G. D. Slaymaker. 1,445,855; Feb. 20.
Trolley-wire guard. D. Stitt. 1,440,419; Jan. 2.
Trolley-wire splicer. W. Schaake. 1,477,386; Dec. 11.
Trolley-wire support. A. E. Anderson. 1,471,132; Oct. 16.
Trolling spoon. E. L. Evans. 1,467,362; Sept. 11.
Trolling spoon. H. I. Holcomb. 1,464,041; Aug. 7.
Trolling spoon. A. Reekers. 1,467,116; Sept. 4.
Trolling spoon. A. Reekers. 1,471,280; Oct. 16.
Trolling spoon. J. H. Wandve. 1,463,858; Aug. 7.
Trombone attachment. L. C. Benson. 1,453,122; Apr. 24.
Trommel screen, Vibrating. A. C. Daman. 1,455,907; May 22.
Trouble-locating device. W. T. Powell. 1,450,563; Apr. 3.
Trough, Conveyer. G. Becker. 1,447,507; Mar. 6.
Trough, Eaves. W. C. Case. 1,443,212; Jan. 23.
Trough, Feed. G. F. Hauf. 1,464,202; Aug. 7.
Trough, Folding animal-operating. W. F. Christopher. 1,469,496; Oct. 2.
Trough for animals, Feed. I. Mattson and R. B. Louden. 1,447,562; Mar. 6.
Trough for chicks, Feed. L. R. Oakes; 1,460,350; June 26.
Trough for poultry, Food and water. A. R. Webb. 1,473,266; Nov. 6.
Trough for use in connection with cages or the like. H. Eummelen. 1,446,740; Feb. 27.
Trough, Hog. W. Hird. 1,459,535; June 19.
Trough, Hog. M. J. Hosch. 1,473,100; Nov. 6.
Trough, Hog-watering. T. Carmichael. 1,455,989; May 22.
Trough, Stock-watering. J. C. Aagaard. 1,477,411; Dec. 11.
Trough, Watering. H. Eummelen. 1,450,494; Apr. 3.
Troughs, Machine for forming eaves. J. A. Krantz. 1,466,051; Aug. 28.
Trouser support. E. S. Grant. 1,447,131; Feb. 27.
Trousers. A. H. Bricker. 1,459,498; June 19.
Trousers. E. A. Brunzel. 1,465,415; Aug. 21.
Trousers. R. C. Naylor. 1,475,195; Nov. 27.
Trousers. L. Newman. 1,453,165; Apr. 24.
Trousers. M. L. Stern. 1,458,632; June 12.
Trousers, Clamping and stretching device for. M. Jonas. 1,447,083; Feb. 27.
Trousers. Creasing device for. J. R. and W. H. Ball. 1,474,993; Nov. 20.
Trousers, Device for creasing. S. R. Eberman and C. W. Ferris. 1,478,386; Dec. 25.
Trousers holder and press. H. E. Rasmussen. 1,452,437; Apr. 17.
Trousers, Making. R. Frezza. 1,470,434; Oct. 9.
Trousers press and stretcher. C. G. Sawyer. 1,445,804; Feb. 20.
Trousers presser. E. Chambers. 1,470,376; Oct. 9.
Trousers presser and hanger. J. J. Getgey. 1,473,547; Nov. 6.
Trousers protector. P. Topfner. 1,459,641; June 19.
Trousers protector. P. Topfner. 1,470,511; Oct. 9.
Trousers stretcher. H. Schäfer. 1,478,533; Dec. 25.
Trousers-stretching frame. E. Van Sicklen. 1,476,310; Dec. 4.
Trousers supporter. M. A. Greene. 1,465,903; Aug. 21.
Trousers supporter. M. Leux. 1,448,551; Mar. 13.
Trousers supporter. T. J. North. 1,469,682; Oct. 2.
Trousers supporter. J. W. Taylor. 1,446,948; Feb. 27.
Trousers. Waistband for. G. A. Busch and W. Schmidt. 1,468,799; Sept. 25.
Trousers. Waistband for. B. V. Kershner. 1,478,521; Dec. 25.
Truck. A. L. Bem. 1,474,811; Nov. 20.
Truck. A. A. Bishop. 1,470,254; Oct. 9.
Truck. J. C. E. Bourassa. 1,455,987; May 22.
Truck. C. H. Brower. 1,471,446; Oct. 23.
Truck. C. W. Cade. 1,470,526; Oct. 9.
Truck. J. B. Des Rosiers. 1,467,571; Sept. 11.
Truck. C. M. Drinkwater. 1,454,710; May 8.
Truck. O. C. Estergreen. 1,444,115; Feb. 6.
Truck. J. Galuska. 1,475,483; Nov. 27.
Truck. H. Green and W. M. Lyman. 1,468,469; Sept. 18.
Truck. R. Hunziker. 1,446,799; Feb. 27.
Truck. N. A. Ormes. 1,444,356; Feb. 6.
Truck. J. Du Roth. 1,441,973; Jan. 9.
Truck. J. L. Wentz. 1,471,762; Oct. 23.
Truck and attachment therefor. J. Bergstrom. 1,475,785; Nov. 27.
Truck and rack, Barrel. G. O. Rhodes. 1,478,913; Dec. 25.
Truck and track structure for motor trucks, Motor. S. C. Carter. 1,446,784; Feb. 27.
Truck and tractor, Combined. J. Rieder. 1,457,270; May 29.

Truck and trailer carrier. D. N. Thornton. 1,451,127; Apr. 10.
Truck and wagon dump. W. H. Wenholz. 1,473,531; Nov. 6.
Truck apparatus, Dumping-. Y. Kinoshita. 1,471,339; Oct. 23.
Truck attachment, Hand- J. D. Branson. 1,446,032; Feb. 20.
Truck bodies, etc., Sheet-metal construction for. A. S. Hughes. 1,461,907; July 17.
Truck bodies, racks, etc., Sheet-metal construction for. A. S. Hughes. 1,461,906; July 17.
Truck body. A. S. Hughes. 1,461,905; July 17.
Truck body. J. Ledwinka. 1,447,619; Mar. 6.
Truck-body-dumping mechanism. G. R. Couls. 1,475,936; Dec. 4.
Truck-body hoist. F. G. Gies. 1,454,966; May 15.
Truck bolster. E. C. Washburn. 1,454,357; May 8.
Truck-box cellar. J. G. Blunt. 1,457,893; June 5.
Truck brake. A. G. Radka. 1,443,825; Jan. 30.
Truck, Car. J. A. Brooks. 1,449,935; Mar. 27.
Truck, Car. B. W. Kadel. 1,440,999; Jan. 2.
Truck, Car. H. C. Priebe. 1,474,002; Nov. 13.
Truck, Carrier. J. F. Montine. 1,464,011; Aug. 7.
Truck caster wheel. E. A. Smithfield and W. H. Noelting. 1,469,397; Oct. 2.
Truck construction. E. R. Viberg. 1,451,243; Apr. 10.
Truck conveyer. L. E. Hurst and J. F. Miller. 1,450,371; Apr. 3.
Truck coupling. E. J. Huffman. 1,474,477–8; Nov. 20.
Truck, Dump. P. E. Barker. 1,471,511; Oct. 23.
Truck, Dumping. H. F. McClain. 1,447,590; Mar. 6.
Truck, Dumping. F. Zardinoni. 1,447,003; Feb. 27.
Truck-dumping mechanism. N. Lafleur. 1,442,954; Jan. 23.
Truck, Elevating. F. L. Eidmann. 1,454,431; May 8.
Truck, Elevating. A. D. Lightner and E. Holmes. 1,452,300; Apr. 17.
Truck, Elevating. R. M. Lovejoy. 1,445,838; Feb. 20.
Truck, Elevating. R. M. Lovejoy. 1,458,534; June 12.
Truck, Elevating. A. Sonander. 1,461,371; July 10.
Truck, Elevating baggage. J. L. Cracraft. 1,449,589; Mar. 27.
Truck emptying device, Combination barrel-. W. C. Kirkpatrick and C. F. Hart. 1,444,125; Feb. 6.
Truck equalizing arrangement, Six-wheel. K. Ishibashi. 1,445,890; Feb. 20.
Truck for monorails, Swivel. T. H. Wright. 1,454,807; May 8.
Truck for tramcars and the like. W. Forber. 1,474,771; Nov. 20.
Truck, Four-wheeled. S. Loe. 1,474,198; Nov. 13.
Truck frame. H. C. Priebe. 1,465,561; Aug. 21.
Truck frame. R. E. Wilder. Re15,696; Oct. 9.
Truck-frame fastener. D. M. Gillespie. 1,443,818; Jan. 30.
Truck, Freight. W. F. Kiesel, jr. 1,442,277; Jan. 16.
Truck, Freight-handling. E. B. Grace and W. J. Laffey. 1,472,649; Oct. 30.
Truck, Hand. P. C. Fritz. 1,458,285; June 12.
Truck, Hand. E. T. Malone. 1,465,676; Aug. 21.
Truck, Hand. J. S. Monroe. 1,460,266; June 26.
Truck hoist. F. B. Hewel. 1,496,642; Oct. 2.
Truck hoist. W. H. Remsen. 1,469,732; Oct. 2.
Truck, Hoisting. J. Hamilton. 1,478,432; Dec. 25.
Truck, Industrial. W. Schroeder, jr. 1,445,604; Feb. 13.
Truck, Industrial. W. Schroeder, Jr. 1,471,709; Oct. 23.
Truck, Laundry. C. L. Braley. 1,444,059; Feb. 6.
Truck, Lifting. A. M. Barrett. 1,459,044; June 19.
Truck, Lifting. A. D. Lightner and E. Holmes. 1,448,806; Mar. 20.
Truck, Lifting. H. F. Martin. 1,452,566; Apr. 24.
Truck, Lifting. W. Stuebing, jr. 1,461,688; July 10.
Truck, Lifting. J. G. Tangauy. 1,463,538; July 31.
Truck-loading scoop. F. Libertini and A. Saveno. 1,473,109; Nov. 6.
Truck mechanism, Resilient push rod for tractor. E. F. Norelius. 1,442,580; Jan. 16.
Truck, Molder's. A. Nelson. 1,455,090; May 15.
Truck, Motor. B. O. Vollendorf. 1,456,747; May 29.
Truck, Motor-driven. C. S. Oldroyd. 1,460,074; June 26.
Truck or wagon body. A. E. Ginther. 1,452,371; Apr. 17.
Truck, Power-driven lead. A. A. Thiele. 1,465,457; Aug. 21.
Truck, Railway-car. G. G. Gilpin. 1,443,838; Jan. 30.
Truck, Revolving flagpole. L. P. Bolander. 1,448,825; Mar. 20.
Truck, Self-loading. E. H. Haney. 1,444,604; Feb. 6.
Truck side frame. H. E. Doerr. 1,466,892; Sept. 4.
Truck side frame. J. A. Lamont. 1,449,421; Mar. 27.
Truck side frame. W. A. Lucas. 1,474,272; Nov. 13.
Truck side frame. C. H. Williamson. 1,474,306–7; Nov. 13.
Truck, Six-wheel equalizing. J. A. Lamont and C. M. Sternberg. 1,445,895; Feb. 20.
Truck, Stack-forming. P. J. Parson. 1,441,746; Jan. 9.
Truck-steering handles, Holding latch for. R. T. Gifford. 1,451,907; Apr. 17.
Truck, Tank. J. V. Fernandez and C. Leblanc. 1,443,017; Jan. 23.
Truck, Tank-lifting. A. H. Bakken. 1,440,434; Jan. 2.
Truck, Trailer. L. E. Utter and R. E. Howland. 1,465,103; Aug. 14.
Truck unloader. A. W. Egger. 1,448,835; Mar. 20.
Truck unloader, Motor-. W. A. Petteys. 1,465,146; Aug. 14.
Truck, Unloading. C. A. Swanson. 1,455,821; May 22.
Truck wheel. W. H. S. Moore. 1,448,144; Mar. 13.
Truck wheel. R. A. Whittingham. 1,457,683; June 5.
Trucks and other vehicles, Folding camping body for automobile. F. G. Lorens. 1,443,792; Jan. 30.
Trucks, Brake for. A. G. Stephenson. 1,441,540; Jan. 9.
Trucks, Curtain mounting for. E. J. Hyland. 1,451,660; Apr. 10.
Trucks, Elevating mechanism for dumping. T. E. Wright. 1,443,890; Jan. 30.
Trucks, Frame construction for industrial. C. S. Schroeder. 1,442,099; Jan. 16.
Trucks, Hydraulic hoist for. A. E. Hansen. 1,455,528; May 15.
Trucks, Kickoff for hand. S. Kerr. 1,462,233; July 17.
Trucks, Loading attachment for. H. G. Nilson. 1,458,775; June 12.
Trucks of tractors and traction engines, Steering mechanism for the. J. G. Leyner. 1,473,570; Nov. 6.
Trucks or tractors, Power-delivering attachment for automobile. L. Haubert. 1,469,002; Sept. 25.
Trucks, Removable body mechanism for. W. A. Denehie. 1,448,057; Mar. 13.
Trucks, Traction and supporting chain for. G. W. Wyche. 1,442,590; Jan. 16.
Trucks, Tractor appliance for. J. T. Bell. 1,453,782; May 1.
Trucks, trailers, and the like, Stake-holding device for. M. T. Barrier. 1,461,107; July 10.
Truck-unloading appliance. R. B. Glidden. 1,468,631; Sept. 25.
Trucks, Variable-speed winch for motor. A. F. Masury and R. S. Bolger. 1,474,054; Nov. 13.
Trucks, Wheel structure for dry-kiln. H. B. Gillette. 1,466,434; Aug. 28.
Truing surfaces, Method of and apparatus for. S. Miller. 1,474,487; Nov. 20.
Trunk. H. Davis. 1,444,112; Feb. 6.
Trunk. J. A. Meisel. 1,440,480; Jan. 2.
Trunk. K. L. Robertson. 1,475,882; Nov. 27.
Trunk bolt. L. W. Christophel. 1,477,692; Dec. 18.
Trunk catch or fastener. G. Willringhaus. 1,478,499–500; Dec. 25.
Trunk lines, Selective connection of. L. D. Barrows and L. H. Darrow. 1,457,338; June 5.
Trunk lock. F. W. Meyer. 1,454,329; May 8.
Trunk lock, Wardrobe-. H. W. Rountree. 1,471,419; Oct. 23.
Trunk seal. L. W. Christophel. 1,473,011; Nov. 6.
Trunk stay. A. L. Sessions. 1,444,139; Feb. 6.
Trunk, Wardrobe. A. L. Duff and J. W. Matheson. 1,448,657; Mar. 13.
Trunk, Wardrobe. E. W. Hawley. 1,468,943; Sept. 25.
Trunk, Wardrobe. F. W. Meyer. 1,455,964; May 22.
Trunk, Wardrobe. J. E. McNamara. 1,449,525; Mar. 27.
Trunk, Wardrobe. S. Orenstein. 1,443,142; Jan. 23.
Trunk, Wardrobe. H. W. Rountree. 1,476,845; Dec. 11.
Trunk, Wardrobe. A. W. Winship. 1,444,718; Feb. 6.
Trunks, Clothes-hanger support for wardrobe. T. M. House. 1,472,525; Oct. 30.
Trunks, Combined drawer-locking device and ironing board for wardrobe. B. M. Hamlin. 1,477,559; Dec. 18.
Trunks, Drawer-locking device for. J. P. Gibson. 1,455,198; May 15.
Trunks, Tray for wardrobe. O. Rangnow. 1,471,806; Oct. 23.
Truss. G. A. Berry. 1,454,720; May 8.
Truss. J. W. Buckley. 1,473,392; Nov. 6.
Truss. J. Eihorn. 1,475,475; Nov. 27.
Truss. C. Martin. 1,440,692; Jan. 2.
Truss. J. A. Miller. 1,476,995; Dec. 11.
Truss. J. L. McKeown. 1,445,026; Feb. 13.
Truss. W. Schuerg. 1,453,570; May 1.
Truss. C. H. Sumner. 1,470,654; Oct. 16.
Truss, Arc-welded. W. Schenstrom. 1,451,555; Apr. 10.
Truss, Hernial. G. A. McMillen. Re15,657; July 17.
Truss, Steel. F. G. Borg. 1,467,224; Sept. 4.
Trusses, Machine for assembling. C. F. Huntoon. 1,462,552; July 24.
T-square. H. T. Hubbard. 1,471,467; Oct. 23.
T squares, Guide for. A. A. Vanderpool. 1,451,189; Apr. 10.
Tub: *See*—
Bathing tub.
Butter tub.
Laundry tub.
Washing-machine tub.
Wooden tub.
Tub. J. J. Walton. 1,455,945; May 22.
Tub bench. D. H. Wyatt. 1,473,271; Nov. 6.
Tub cover, Set-. W. W. Hamilton. 1,463,952; Aug. 7.
Tubbing for shafts. F. Reichard. 1,454,408; May 8.
Tubs, Frame for sheet-metal. R. J. Roberts. 1,451,115; Apr. 10.
Tubs, etc., Cover for butter. G. H. Bliss. 1,442,462; Jan. 16.
Tubs, Means for tiltably supporting. H. M. Vaughan. 1,473,264; Nov. 6.

Tube: *See*—
Automobile tube.
Ballast tube.
Breather tube.
Cathode tube.
Collapsible tube.
Detector tube.
Dispensing tube.
Draft tube.
Filler tube.
Foil tube.
Inner tube.
Luminescent tube.
Mailing tube.
Pneumatic tube.
Radiator tube.
Self-closing tube.
Soldered tube.
Spiral tube.
Tire tube.
Vacuum tube.

Tube and attaching the same, Flanged. J. W. Peterson. 1,445,102; Feb. 13.
Tube and closure. H. G. Gansz. 1,474,253; Nov. 13.
Tube and cut-off therefor, Collapsible. A. H. Saunders. 1,477,452; Dec. 11.
Tube and making the same, Composite. G. A. Small. 1,441,459; Jan. 9.
Tube and making the same, Pneumatic. W. P. Porter. 1,454,074; May 8.
Tube and tire repair material. A. E. Stephenson. 1,456,078; May 22.
Tube-bending machine. J. F. Jackson. 1,456,598; May 29.
Tube bracket. E. R. Schroeder and C. M. Miller. 1,451,119; Apr. 10.
Tube-capping machine. W. L. Boon. 1,446,542; Feb. 27.
Tube carrier, Pneumatic-dispatch-. D. J. MacMillan. 1,443,232; Jan. 23.
Tube casing. J. H. Grube. 1,460,794; July 3.
Tube cleaner. J. F. Kirgan. 1,441,431; Jan. 9.
Tube cleaner, Automatically-acting and permanently-residing. D. Evans. 1,475,431; Nov. 27.
Tube cleaners, Cutter head for. H. L. Staley. 1,472,255; Oct. 30.
Tube-closing machine, Collapsible-. I. W. Wepplo. 1,476,124; Dec. 4.
Tube closure, Collapsible-. G. E. Force. 1,461,609; July 10.
Tube drawing, Seamless-. A. C. Morse and H. R. Lewis, jr. 1,450,699; Apr. 3.
Tube expander. J. T. Dempsey. 1,467,238; Sept. 4.
Tube expander. W. F. Sawadski. 1,447,154; Feb. 27.
Tube expander, beader, and cutter, Combination. A. J. Baranoff. 1,478,692; Dec. 25.
Tube-filling apparatus. G. J. Keller and O. Buchholz. 1,446,047; Feb. 20.
Tube for conducting a cooling fluid between two refrigerator vats, Flexible. F. Kroch. 1,476,258; Dec. 4.
Tube for heating and cooling purposes, Double-walled E. Witzenmann. 1,453,220; Apr. 24.
Tube-forming machine. F. M. Case. 1,469,584; Oct. 2.
Tube-forming machine. C. B. Higgins. 1,468,635; Sept. 25.
Tube-forming machine. W. Jaquiery. 1,461,848; July 17.
Tube-forming machine. W. S. Pritchard. 1,464,583; Aug. 14.
Tube-forming machine, Lock-seam. R. Ososke. 1,455,652; May 15.
Tube frame. H. A. Burnes. 1,469,175; Sept. 25.
Tube frame. E. F. Hathaway. 1,469,183; Sept. 25.
Tube frame, Axminster. E. F. Hathaway. 1,469,180; Sept. 25.
Tube-frame bracket. E. H. Ryon. 1,458,312; June 12.
Tube-frame suspension means. E. F. Hathaway. 1,469,185; Sept. 25.
Tube frames for weaving, Tuft. E. F. Hathaway and W. Bixby. 1,469,182; Sept. 25.
Tube frames, Yarn spool for. E. F. Hathaway. 1,469,181; Sept. 25.
Tube holder and content ejector, Collapsible. E. A. Maraffi. 1,460,204; June 26.
Tube holder, Collapsible-. W. H. Roberts. 1,452,761; Apr. 24.
Tube holder, Collapsible-. A. H. Trumbull. 1,450,055; Mar. 27.
Tube, Inhaling. W. A. Page. 1,459,478; June 19.
Tube, Leakproof inner. G. C. Berryman. 1,455,775; May 22.
Tube-making machine. R. La Croix. 1,453,846; May 1.
Tube manufacture. T. P. Little. 1,450,320; Apr. 3.
Tube manufacture, Vacuum-. P. Schwerin. 1,461,227; July 10.
Tube mill. J. S. Bond. 1,444,101; Feb. 6.
Tube mill. E. C. Soper. 1,454,491; May 8.
Tube mounting, Torque-. P. J. F. Batenburg. 1,445,125; Feb. 13.
Tube, Pin. A. W. Geiger. 1,445,308; Feb. 13.
Tube, Radioactive vacuum. L. Winkelmann. 1,466,777; Sept. 4.
Tube-reducing mill. R. C. Stiefel. 1,478,772; Dec. 25.
Tube-rolling mill. R. C. Stiefel. 1,453,203; Apr. 24.
Tube rolling mill, Continuous. R. E. Brock. Re15,692; Oct. 2.
Tube splices, Method and apparatus for vulcanizing inner-. H. D. Stevens. 1,469,342; Oct. 2.
Tube squeezer. S. J. Keiper. 1,470,534; Oct. 9.
Tube systems, Carrier check for pneumatic-dispatch-. W. H. Dinspel. 1,468,497; Sept. 18.
Tube systems, Carrier for pneumatic-dispatch-. E. R. Gippert. 1,476,070; Dec. 4.
Tube-testing device, Inner-. C. D. Grady. 1,441,079; Jan. 2.
Tubes and cables, Housing for flexible service. W. T. Caldwell. 1,458,115; June 5.
Tubes and other containers, Closure for collapsible. J. Kaufman. 1,464,320; Aug. 7.
Tubes and the like, Finishing machine for. M. Notheis. 1,466,439; Aug. 28.
Tubes and the like, Machine for heading porcelain. A. G. Mason and L. C. Buckley. 1,471,907; Oct. 23.
Tubes, Apparatus for making lap-welded. J. H. Matheson. 1,459,595; June 19.
Tubes, Apparatus for manufacturing. J. W. Moon. 1,476,537; Dec. 4.
Tubes, Cap for collapsible. J. W. Johnson. Des. 63,368; Nov. 27.
Tubes, Cap retainer for deformable. A. W. Paull. 1,448,086; Mar. 13.
Tubes, Carrier-distributing device for pneumatic-dispatch. W. J. Hepperle. 1,448,536; Mar. 13.
Tubes, Closure for. L. A. Freedman. 1,452,967; Apr. 24.
Tubes, Closure for. C. J. Hawk, jr. 1,457,291; May 29.
Tubes, Device for the manufacture of pneumatic. A. E. Henderson. 1,463,529; July 31.
Tubes, Device for winding convolute. C. K. Dunlap. 1,478,944; Dec. 25.
Tubes, Energization and control of vacuum. H. E. Shreeve. 1,456,520; May 29.
Tubes, etc., Apparatus for turning heavy inner. H. C. Privett. 1,442,296; Jan. 16.
Tubes for vulcanization, Preparing inner. M. A. Marquette. 1,457,986; June 5.
Tubes, Machine for forming. H. W. Bundy. 1,476,796; Dec. 11.
Tubes, Machine for the manufacture of collapsible metal. J. A. McGinnis. 1,457,179; May 29.
Tubes, Making. H. W. Bundy. 1,465,755; Aug. 21.
Tubes, Making. W. H. Kempton. 1,456,876; May 29.
Tubes, Making inner. E. L. Fuller. 1,461,000; July 3.
Tubes, Making seamless. R. C. Stiefel. 1,474,800; Nov. 20.
Tubes, Manufacture of rough pieces for brass. M. Pinchart-Deny and L. Labourot. 1,444,270; Feb. 6.
Tubes, Manufacturing. J. W. Moon. 1,476,632; Dec. 4.
Tubes, Manufacturing inner. R. E. Stephenson. 1,455,364; May 15.
Tubes, Means for distorting. A. Vasselli. 1,469,489; Oct. 2.
Tubes, Means for repairing. A. Miles. 1,471,184; Oct. 16.
Tubes, Measuring device for collapsible. F. L. Dyer. 1,463,578; July 31.
Tubes, Method and apparatus for the manufacture of metal. E. Schneider. 1,447,821; Mar. 6.
Tubes, Method of and apparatus for enameling. N. Marshall. 1,462,608; July 24.
Tubes, Mode of manufacturing inner. W. W. Wildman. 1,463,987; Aug. 7.
Tubes, Pressure regulator and cut-off for inflating. R. C. Fancher. 1,458,928; June 19.
Tubes, Process and device for producing hollow blocks for manufacturing seamless. T. Becker. 1,455,703; May 15.
Tubes, Producing seamless internally-ribbed. L. D. Davis. 1,465,073; Aug. 14.
Tubes, Puncturing attachment for collapsible. G. S. Turner. 1,469,739; Oct. 2.
Tubes, Repair plug for inner. J. R. Vosburgh. 1,453,485; May 1.
Tubes rich in zinc, Making seamless. W. L. Woodward. 1,458,605; June 12.
Tubes rich in zinc, Making seamless. W. L. Woodward. 1,471,373; Oct. 23.
Tubes, Support for collapsible. F. N. Glover. 1,477,169; Dec. 11.
Tubes, Tool for cleaning the interior of. H. Körner. 1,442,670; Jan. 16.
Tubing, armored cable, and like products, Manufacture of flexible metallic. G. E. Phillips. 1,471,057; Oct. 16.
Tubing, Flexible. A. Sundh. 1,474,949; Nov. 20.
Tubing, Flexible. A. Sundh. 1,478,185; Dec. 18.
Tubing machine. A. C. Coty. 1,453,864; May 1.
Tubing machine. J. L. Mahoney. 1,453,852; May 1.
Tubing, Machine for sizing. S. Berg. 1,468,272; Sept. 18.
Tubing, Manufacture of flexible metal. E. James. 1,466,999; Sept. 4.
Tubing, Process and apparatus for making seamless. N. Crane. 1,444,953; Feb. 13.
Tubing spider. C. H. Benckenstein. 1,460,401–2; July 3.
Tubular articles, Machine for making. G. W. Beadle. 1,444,096; Feb. 6.
Tubular bodies, Making. P. A. E. Armstrong. 1,461,018; July 10.
Tubular drill. J. H. Phillips. 1,467,451; Sept. 11.
Tubular frame. C. S. Tilden. 1,460,928; July 3.
Tufting-machine needle. W. B. Mathewson. 1,450,101; Mar. 27.
Tumbler, Dry-room. W. R. Hager. 1,457,905; June 5.
Tumbler lock. H. Charlton. 1,470,810; Oct. 16.
Tumbler lock. J. Rogginger. 1,444,429; Feb. 6.
Tumbler or ward lock. G. S. R. Kampmann. 1,450,088; Mar. 27.
Tumbler padlock. R. L. Williamson. 1,442,378; Jan. 16.
Tumbler switch. H. G. Baxter. 1,473,805; Nov. 13.
Tumbler washer. P. Cunneen. 1,460,094; June 26.

Tuning dial, Vernier. R. H. Moore. 1,461,493; July 10.
Tuning fork, Adjustable-vibration. W. A. Houghtaling. 1,466,623; Aug. 28.
Tuning transformer. J. F. Rodgers. 1,471,418; Oct. 23.
Tunnel construction. J. C. Meem. 1,441,698; Jan. 9.
Tunnel construction. P. Zucco. 1,474,808; Nov. 20.
Tunnel kiln. C. B. Harrop. 1,442,065; Jan. 16.
Tunnel structure, Erector for. L. W. Anderson. 1,478,163; Dec. 18.
Tunneling machine. L. W. Anderson. 1,462,997; July 24.
Tunneling machine. L. W. Anderson. 1,478,466; Dec. 25.
Tunneling machine. E. C. Morgan. 1,473,498; Nov. 6.
Tunnels and culverts, Form for. C. D. McArthur. 1,460,165; June 26.
Tunnels, and the like, Machine for building. M. R. Sheen. 1,442,704; Jan. 16.
Tunnels and the like, Method of and apparatus for constructing. C. Brynoldt. 1,450,577; Apr. 3.
Tunnels, subways, or the like, Cleaning. W. I. Smith and A. R. Burnette. 1,443,286; Jan. 23.
Turbine. C. W. Dake. 1,455,022; May 15.
Turbine. H. P. Dahlstrand. 1,476,801; Dec. 11.
Turbine. L. De Santis. 1,461,699; July 10.
Turbine. W. J. Edney. 1,456,122; May 22.
Turbine. B. Hall. 1,445,310; Feb. 13.
Turbine. H. T. Herr. 1,447,081; Feb. 27.
Turbine. H. T. Herr. 1,468,633; Sept. 25.
Turbine. V. Kaplan. 1,467,672; Sept. 11.
Turbine. A. T. Kasley. 1,469,925; Oct. 9.
Turbine. T. H. Pettengill. 1,473,513; Nov. 6.
Turbine. H. F. Schmidt. 1,469,965; Oct. 9.
Turbine. J. G. Summers. 1,448,097; Mar. 13.
Turbine, Atmospheric. M. L. Iochum. 1,447,853; Mar. 6.
Turbine-blade fastening. H. T. Herr. 1,452,602; Apr. 24.
Turbine-blade structure. H. F. Schmidt. 1,474,386; Nov. 20.
Turbine blading. R. C. Allen. 1,469,870; Oct. 9.
Turbine blading. C. Gilson. 1,469,901; Oct. 9.
Turbine blading. H. T. Herr. 1,469,909; Oct. 9.
Turbine blading. A. T. Kasley. 1,472,070; Oct. 30.
Turbine blading. L. N. Thompson. 1,469,973; Oct. 9.
Turbine construction, Vertical. E. C. Hutchinson and E. Buehle. 1,449,006; Mar. 20.
Turbine construction, Water-. F. Parmentier. 1,462,070; July 17.
Turbine, Elastic-fluid. W. L. R. Emmet. 1,471,317; Oct. 16.
Turbine, Elastic-fluid. H. T. Herr. 1,469,908; Oct. 9.
Turbine, Elastic-fluid. O. Junggren. 1,475,267; Nov. 27.
Turbine, Elastic-fluid. O. Junggren. 1,477,360; Dec. 11.
Turbine, Elastic-fluid. J. A. MacMurchy. 1,469,045; Sept. 25.
Turbine, Elastic-fluid. C. Steenstrup. 1,470,499–500; Oct. 9.
Turbine, Elastic-fluid. C. Steenstrup. 1,470,505; Oct. 9.
Turbine, Elastic-fluid. G. B. Warren and H. L. Wirt. 1,475,212–14; Nov. 27.
Turbine, Elastic-fluid. J. Wilkinson. 1,456,085; May 22.
Turbine, Elastic-fluid. J. Wilkinson. 1,466,324; Aug. 28.
Turbine elements, Manufacturing. C. Steenstrup. 1,470,506; Oct. 9.
Turbine elements, Manufacturing. C. Steenstrup. 1,470,508; Oct. 9.
Turbine-flue cleaner. C. S. Richman and E. O. Fechner. 1,470,219; Oct. 9.
Turbine, Fluid. D. Koehler. 1,459,510; June 19.
Turbine for water, wind, steam, etc., Reaction. F. H. A. Wielgolaski. 1,474,571; Nov. 20.
Turbine-gate-operating mechanism. H. B. Taylor. 1,473,391; Nov. 6.
Turbine, Hydraulic. J. S. Carpenter. 1,462,483; July 24.
Turbine, Hydraulic. R. S. Hyatt. 1,475,389; Nov. 27.
Turbine, Internal-combustion. E. B. Hartman. 1,442,876; Jan. 23.
Turbine locomotive. N. Johnson. 1,454,286; May 8.
Turbine motor, Duplex. W. E. Conness. 1,474,318; Nov. 13.
Turbine, Multiple-expansion steam. R. de Potter. 1,446,840; Feb. 27.
Turbine, Multistage. H. H. Wait. 1,469,707; Oct. 2.
Turbine or centrifugal vacuum pump device. J. D. Mudge. 1,457,121; May 29.
Turbine, Pelton-wheel. E. Wiki. 1,448,893; Mar. 20.
Turbine, Rifle. O. J. Renshaw. 1,450,753; Apr. 3.
Turbine rotors, Making. A. W. Carlson. 1,447,202; Mar. 6.
Turbine, Steam. C. E. Koonce. 1,460,330; June 26.
Turbine, Water. T. J. Jolly and W. F. Fitzpatrick. 1,461,422; July 10.
Turbine, Water. A. Peterson. 1,475,966; Dec. 4.
Turbine, Water. V. Kaplan. 1,451,263; Apr. 10.
Turbine, Water. E. Suess. 1,476,229; Dec. 4.
Turbine water wheel. R. W. McNeill. 1,456,322; May 22.
Turbine, Wind. E. H. Manning. 1,466,026; Aug. 28.
Turbine, Wind. Y. Ozaki. 1,463,924; Aug. 7.
Turbine, Reversing. W. B. Flanders. 1,474,351; Nov. 20.
Turbine rotor and making same, Elastic-fluid. C. Steenstrup. 1,470,498; Oct. 9.
Turbine rotors, Manufacturing. J. Weishäupl. 1,469,566; Oct. 2.
Turbine, Serial-flow. O. H. Wolner. 1,473,690; Nov. 13.
Turbines and making same, Diaphragm for elastic-fluid. C. Steenstrup. 1,470,497; Oct. 9.
Turbines and steam turbines, Means for fastening the blades in gas. A. Meyer. 1,478,902; Dec. 25.
Turbines and the like, Directrix for. V. Kaplan. 1,467,325; Sept. 11.
Turbines being at rest, Means for preventing formation of rust in. F. Ljungström. 1,458,068; June 5.
Turbines, Fastening the blades of axial steam. F. Ljungström. 1,440,395; Jan. 2.
Turbines, Flexible and insulating, supporting, and reinforcing rings for crown blades of. A. Bonom. 1,468,694; Sept. 25.
Turbines, Guide vane for hydraulic. J. Overn, jr. 1,478,053–4; Dec. 18.
Turbines, Governor for steam. C. W. Dake. 1,457,212; May 29.
Turbines, Making blade rings for elastic-fluid. C. Steenstrup. 1,470,501–2; Oct. 9.
Turbines, Making rotor elements for elastic-fluid. C. Steenstrup. 1,470,507; Oct. 9.
Turbines, Means for fastening the blades of steam and gas. F. Lösel. 1,476,626; Dec. 4.
Turbines, Oiling device for steam. C. W. Dake and R. D. Grant. 1,446,786; Feb. 27.
Turbines, Propelling blades for reversible steam. A. Bonom. 1,468,555; Sept. 18.
Turbines, Regulating means for mixed-pressure. W. E. Ver Planck. 1,444,437; Feb. 6.
Turboblower, Counter-rotation. O. D. H. Bentley. 1,462,592; July 24
Turbocompressor. F. Lösel. 1,465,401; Aug. 21.
Turnbuckle and hanger, Adjustable spring. E. C. Mitchell. 1,467,872; Sept. 11.
Turnbuckle, Automatically-adjusting. A. E. Osborn. 1,477,891; Dec. 18.
Turnbuckle lock. R. A. Hoffman. 1,467,319; Sept. 11.
Turnbuckle lock. R. A. Hoffmann. 1,473,677; Nov. 13.
Turnbutton fastener. D. Bourque. 1,455,758; May 15.
Turnbutton fastener. N. Yates, jr. 1,442,208; Jan. 16.
Turner, Upper. S. J. Pentler and O. R. Short. 1,448,417; Mar. 13.
Turning and planing tool. C. Jaeger. 1,449,513; Mar. 27.
Turning and treading machine. J. A. Eden, jr. 1,456,101; May 22.
Turning irregular forms, Machine for. G. W. Duchemin. 1,451,496; Apr. 10.
Turning machine, Forepart-. A. Eppler. 1,448,111; Mar. 13.
Turning machine, Forepart-. F. A. Reardon. 1,462,823; July 24.
Turning machine, screw-making machine, and the like, Automatic. A. F. J. Wright. 1,442,774; Jan. 16.
Turning machines, Fixture for. W. R. Adams and H. L. Pound. 1,461,884; July 17.
Turning music, Device for. F. E. Hartup. 1,452,804; Apr. 24.
Turning, planing, and like operations. Tool and tool holder for. W. T. Tasker. 1,459,805; June 26.
Turning tool. W. F. Roney. 1,467,501; Sept. 11.
Turnip-gathering device. V. O. Deyl. 1,472,328; Oct. 30.
Turnips and other like roots, Machine for raising or digging. A. Smith and W. M. Wood. 1,452,395; Apr. 17.
Turn-off switch, Automatic. L. S. Foltz. 1,445,207; Feb. 13.
Turnsole-fitting machine. A. E. Johnson. 1,456,600; May 29.
Turnstile. G. F. Myers. 1,440,485; Jan. 2.
Turnstile registering apparatus. S. Mitzenmacher. 1,457,448; June 5.
Turntable. P. B. Cole. 1,446,614; Feb. 27
Turntable. A. Y. Dodge and R. J. Statz. 1,472,792; Nov. 6.
Turntable. E. Freshwater and H. H. Cumings. 1,446,498; Feb. 27.
Turntable. C. W. Hawthorne and G. J. Rennie. 1,469,085; Sept. 25.
Turntable. M. G. Hilpert. 1,458,229; June 12.
Turntable. H. Schütte. 1,466,966; Sept. 4.
Turntable. W. M. Venable. 1,446,228; Feb. 20.
Turntable. T. H. Wright. 1,454,805; May 8.
Turntable-braking means. M. Weil. 1,475,464; Nov. 27.
Turntable, Portable. G. H. MacLean. 7,449,767; Mar. 27.
Turntable, Portable. F. E. Miner. 1,454,482; May 8.
Turntable, Self-balanced. F. E. Arndt. 1,465,331; Aug. 21.
Turpentine substitute and product therefrom, Making. W. B. Logan. 1,463,122; July 24.
Turret lathes, Turret-clamping mechanism for. E. P. Burrell and G. W. Drake. 1,446,829; Feb. 27.
Tuyère. H. F. Hildebrandt. 1,473,934; Nov. 13.
Tweezers. M. M. Corey. 1,475,689; Nov. 27.
Tweezers, Spring. W. M. Muchow. 1,443,086; Jan. 23.
Twin-cylinder two-stroke internal-combustion engine. D. Stanger. 1,476,351; Dec. 4.
Twine cutter. J. H. Dearholt. 1,445,667; Feb. 20.
Twine cutter. E. R. Jones. 1,454,543; May 8.
Twine cutter. B. Subin. 1,453,206; Apr. 24.
Twine-cutting device. S. Yamada. 1,462,097; July 17.

Alphabetical list of inventions—Continued.

Twine-guiding arm, Shocker. C. R. Raney. 1,474,914; Nov. 20.
Twine holder. G. G. Clark. 1,441,265; Jan. 9.
Twine holding and dispensing device. W. Eley. 1,457,621; June 5.
Twist drill. E. C. Oliver. 1,467,491; Sept. 11.
Twist drills and similar tools, Mold for the casting on of shafts for. A. F. Drössel. 1,476,287; Dec. 4.
Twister ring. J. T. Hanton. 1,457,027; May 29.
Twister-ring traveler. G. H. Gilligan. 1,464,675; Aug. 14.
Twister rings, Lubricating means for. D. D. Towers. 1,466,004–5; Aug. 28.
Twisting frame. C. Deshaies. 1,468,996; Sept. 25.
Twisting machinery. P. Hardman. 1,446,646; Feb. 27.
Twisting ring. E. B. Feaster. 1,474,959; Nov. 20.
Two-circuit or three-heat push-through switch. I. R. Seltzer. 1,476,373; Dec. 4.
Two-cycle engine. C. P. Brockway. 1,473,602; Nov. 6.
Two-cycle engine, High-compression. H. Ruehman. 1,473,124; Nov. 6.
2-oxy-1-aryl naphthylamines, Manufacture of. A. Wahl and R. Lants. 1,460,774; July 3.
Two-stroke engine. R. H. Dickinson. 1,461,348; July 10.
Tying. T. A. Quinlan. 1,449,547; Mar. 27.
Tying machine. H. C. Meyer. 1,470,861; Oct. 16.
Tympano. C. H. Strupe. 1,469,197; Sept. 25.
Type cutter and its use, Ring-. C. H. Schurr. 1,465,240; Aug. 14.
Type lines, Mechanism for holding. H. C. Osborn. 1,472,809; Nov. 6.
Type holder, Interchangeable steel-. G. H. Bracht. 1,471,443; Oct. 23.
Type planer, Printer's. J. T. Barton and E. J. O'Leary. 1,442,038; Jan. 16.
Type-casting apparatus. M. F. Turner. 1,467,405; Sept. 11.
Type-casting machine. V. S. Williams. 1,468,850; Sept. 25.
Typesetting appliance. C. A. H. Bullock. 1,457,423; June 5.
Typesetting machine. W. H. Hanlon. 1,441,680; Jan. 9.
Typesetting machine. O. Pusino. 1,465,482; Aug. 21.
Typesetting machine. B. R. Webster. 1,452,945; Apr. 24.
Typesetting-machine crucibles and the like, Heating system for. E. N. Lightfoot. 1,449,425; Mar. 27.
Typesetting machines, Gas governor for. H. W. Partlow. 1,460,980; July 3.
Typesetting machines, Gas governor for. H. W. Partlow. 1,462,816; July 24.
Typesetting machines, Justification attachment for. J. Sunderland. 1,442,368; Jan. 18.
Type-slug-casting apparatus. G. B. Fields. 1,471,253; Oct. 16.
Type switch, Externally-operable inclosed safety-. E. L. Brenk. 1,453,740; May 1.
Type wheel. F. A. Putnam. 1,443,928; Jan. 30.
Typewriter. P. H. Darnley. 1,450,627; Apr. 3.
Typewriter. H. Ellis. 1,446,338; Feb. 20.
Typewriter. J. T. Field. 1,441,917; Jan. 9.
Typewriter. F. W. Hillard. 1,445,513; Feb. 13.
Typewriter. F. E. Ormsby. 1,467,191; Sept. 4.
Typewriter. P. Richter. 1,456,741; May 29.
Typewriter. L. R. Roberts. 1,450,115; Mar. 27.
Typewriter. L. R. Roberts. 1,455,030–1; May 15.
Typewriter. L. R. Roberts. 1,473,254; Nov. 6.
Typewriter. W. Schäffer. 1,466,491; Aug. 28.
Typewriter. G. F. Scheffer. 1,455,813; May 22.
Typewriter. C. Schlüns. 1,474,917; Nov. 20.
Typewriter. A. R. G. Vogt. 1,446,951; Feb. 27.
Typewriter. J. A. Wherry. Re. 15,537; Feb. 13.
Typewriter and operating same. C. F. Cook. 1,455,079; May 15.
Typewriter attachment. E. L. Dailey. 1,473,470; Nov. 6.
Typewriter attachment. F. Gray. 1,463,080; July 24.
Typewriter attachment. F. E. Fanger. 1,477,048; Dec. 11.
Typewriten attachment. D. K. Howell. 1,465,041; Aug. 14.
Typewriter attachment. H. B. Kaneen. 1,454,588; May 8.
Typewriter attachment. A. R. McNeal. 1,471,407; Oct. 23.
Typewriter attachment. H. C. Stevens. 1,460,770; July 3.
Typewriter attachment, Silent-key. L. Cardoso. 1,478,600; Dec. 25.
Typewriter, Automatic. T. D. Metropole and T. M. Cottakis. 1,456,560; May 29.
Typewriter-carriage-return mechanism. F. N. Kawamura. 1,445,597; Feb. 13.
Typewriter carriages, Spring motor for. W. F. Helmond. 1,442,880; Jan. 23.
Typewriter clamp. E. C. Moon. 1,450,183; Apr. 3.
Typewriter copyholder. A. S. MacDowell. 1,478,344; Dec. 18.
Typewriter device. E. M. Cooper. 1,440,584; Jan. 2.
Typewriter, Folding. C. O. Noack 1,452,254; Apr. 17.
Typewriter-key-actuating organization. J. H. Pillings. 1,447,484; Mar. 6.
Typewriter keyboard. E. C. Hall. 1,468,566; Sept. 18.
Typewriter keyboards, Finger-guiding attachment for. I. M. Stowell. 1,440,942; Jan. 2.
Typewriter, Manifolding. J. Q. Sherman. 1,454,822; May 8.
Typewriter, Music. L. Fortoni. 1,478,946; Dec. 25.
Typewriter notation, System of. C. Herrman. 1,476,818; Dec. 11.
Typewriter, Power. M. C. Crawley. Re15,640; July 3.
Typewriter screen. E. C. Moon. 1,447,563; Mar. 6.
Typewriter stand. J. E. Neahr. Des. 63,058; Sept. 25.
Typewriter tabulator. J. S. Marcussen. 1,470,464; Oct. 9.
Typewriters and the like, Justifying device for. K. C. and J. W. O'Bryan. 1,457,853; June 5.
Typewriters, Billing and computing attachment to. W. Wright. 1,474,425; Nov. 20.
Typewriters, Control mechanism for. O. A. Hokanson. 1,473,705; Nov. 13.
Typewriters, Device for the use of carbon paper in. S. Carrau and W. R. Cobean. 1,452,414; Apr. 17.
Typewriters, Eraser-supporting means for. C. Huscher. 1,441,505; Jan. 9.
Typewriters, Finger guard for the line-space and carriage-return levers of. W. V. and A. E. Redfern. 1,454,014; May 1.
Typewriters, Keyboard screen for. O. A. Hokanson. 1,450,369; Apr. 3.
Typewriters, Letter-width-spacing mechanism in. T. E. Buschmann. 1,472,825; Nov. 6.
Typewriters, Line counter for. K. R. Jahn. 1,457,248; May 29.
Typewriters, Line finder for. O. A. Hokanson. 1,478,474; Dec. 25.
Typewriters, Line-space and carriage-return lever and pad for. W. V. and A. E. Redfern. 1,470,190; Oct. 9.
Typewriters, Manifolding attachment for. M. L. Cossitt. 1,451,864–6; Apr. 17.
Typewriters, Manifolding attachment for. M. L. Cossitt. 1,452,193; Apr. 17.
Typewriters, Manifolding attachment for. M. L. Cossitt. 1,448,334–5; Mar. 13.
Typewriters, Manifolding attachment for. M. L. Cossitt. 1,461,599; July 10.
Typewriters, Manifolding platen for. M. L. Cossitt. 1,467,532; Sept. 11.
Typewriters, Multicopy attachment for. L. F. Rose. 1,443,505; Jan. 30.
Typewriters, Paper-feeding apparatus for. W. C. Avery. 1,443,698; Jan. 30.
Typewriters, Ribbon spool for. O. A. Hokanson. 1,469,386; Oct. 2.
Typewriters, Ribbon-spool holder for. O. A. Hokanson. 1,444,071; Feb. 6.
Typewriters, Type-bar clip for. G. J. Anstead. 1,443,065; Jan. 23.
Typewriters, Type bar for stenographic. E. G. Robeson. 1,454,692; May 8.
Typewriters, Variable carriage-feed mechanism for. A. S. Wheeler. 1,462,183; July 17.
Typewriters, Variable line spacer for. O. A. Hokanson. 1,456,778–9; May 29.
Typewriting and adding machine, Combined. G. J. Barrett. 1,459,814; June 26.
Typewriting machine. G. W. Campbell. 1,478,698; Dec. 25.
Typewriting machine. M. C. Crawley. 1,478,380; Dec. 25.
Typewriting machine. J. C. Doane. 1,478,702; Dec. 25.
Typewriting machine. E. B. Hess. 1,477,175; Dec. 11.
Typewriting machine. A. G. F. Kurowski. 1,478,235; Dec. 18.
Typewriting machine. C. W. Marsh. 1,478,877; Dec. 25.
Typewriting machine. C. W. and A. C. Walker. 1,478,591; Dec. 25.
Typewriting and computing machine, Combined. F. U. Conard. 1,463,254; July 31.
Typewriting and computing machine, Combined. F. U. Conard. 1,467,569; Sept. 11.
Typewriting and computing machine, Combined. F. K. Davis and C. C. Taylor. 1,463,155; July 31.
Typewriting and computing machine, Combined. W. P. Keene. 1,442,576; Jan. 16.
Typewriting and computing machine, Combined. A. G. Kupetz. 1,452,162; Apr. 17.
Typewriting and computing machine, Combined. B. C. Stickney. 1,464,117; Aug. 7.
Typewriting and computing machine, Combined. H. H. Vickers. 1,455,280; May 15.
Typewriting and computing machine, Combined. W. Wright. 1,474,990; Nov. 20.
Typewriting and computing machine, Combined. W. Wright. 1,475,152; Nov. 20.
Typewriting and like machines, Carriage pull band for. H. E. Cook. 1,461,347; July 10.
Typewriting and similar machines, Ribbon for. W. E. B. Baker. 1,445,469; Feb. 13.
Typewriting machine. J. F. Allard. 1,454,613; May 8.
Typewriting machine. J. F. Allard. 1,467,220; Sept. 4.
Typewriting machine. F. H. Armstrong. 1,453,577–82; May 1.
Typewriting machine. F. H. Armstrong. 1,461,718–20; July 17.
Typewriting machine. E. E. Barney. 1,456,296; May 22.

Typewriting machine. E. E. Barney. 1,458,125; June 12.
Typewriting machine. E. E. Barney. 1,473,920; Nov. 13.
Typewriting machine. E. E. Barney. 1,475,619; Nov. 27.
Typewriting machine. J. H. Barr. 1,447,638; Mar. 6.
Typewriting machine. J. H. Barr and E. E. Barney. 1,447,639; Mar. 6.
Typewriting machine. J. H. Barr. 1,455,519; May 15.
Typewriting machine. J. H. Barr. 1,461,510–11; July 10.
Typewriting machine. J. W. Bond. 1,468,773; Sept. 25.
Typewriting machine. H. E. Bridgwater. 1,442,792; Jan. 23.
Typewriting machine. H. E. Bridgwater. 1,467,995–6; Sept. 18.
Typewriting machine. H. E. Bridgwater. 1,468,274; Sept. 18.
Typewriting machine. P. H. Burdick. 1,456,533; May 29.
Typewriting machine. W. D. Camp. 1,458,269; June 12.
Typewriting machine. G. W. Campbell. 1,450,018; Mar. 27.
Typewriting machine. C. U. Carpenter. 1,451,203; Apr. 10.
Typewriting machine. P. de Clamecy. 1,457,730; June 5.
Typewriting machine. C. B. Corcoran. 1,441,215; Jan. 9.
Typewriting machine. C. B. Corcoran. 1,443,733; Jan. 30.
Typewriting machine. C. B. Corcoran. 1,447,280; Mar. 6.
Typewriting machine. C. B. Corcoran. 1,450,020; Mar. 27.
Typewriting machine. C. B. Corell. 1,454,040; May 8.
Typewriting machine. M. C. Crawley. 1,455,112; May 15.
Typewriting machine. M. C. Crawley. 1,469,774–8; Oct. 9.
Typewriting machine. J. E. Davidson. 1,447,510; Mar. 6.
Typewriting machine. H. A. Dewing. 1,443,070; Jan. 23.
Typewriting machine. W. A. Dobson. 1,456,302; May 22.
Typewriting machine. J. E. Doody. 1,451,293; Apr. 10.
Typewriting machine. B. J. Dowd and A. Utz. 1,457,620; June 5.
Typewriting machine. L. J. Du Mais. 1,457,965; June 5.
Typewriting machine. E. E. Fowler. 1,457,107; May 29.
Typewriting machine. C. Gabrielson. 1,467,723; Sept. 11.
Typewriting machine. M. Garbell. 1,457,970–1; June 5.
Typewriting machine. G. G. Going. 1,471,152–3; Oct. 16.
Typewriting machine. E. M. F. Guignard. 1,463,811; Aug. 7.
Typewriting machine. G. F. Handley. 1,451,423; Apr. 10.
Typewriting machine. E. L. Harmon. 1,461,731; July 17.
Typewriting machine. E. L. Harmon and O. Petermann. 1,464,818; Aug. 14.
Typewriting machine. F. A. Hart. 1,462,697; July 24.
Typewriting machine. W. F. Helmond. 1,448,217; Mar. 13.
Typewriting machine. W. F. Helmond. 1,465,243; Aug. 14.
Typewriting machine. W. F. Helmond. 1,470,568; Oct. 9.
Typewriting machine. W. F. Helmond. 1,474,932; Nov. 20.
Typewriting machine. E. B. Hess. 1,455,201; May 15.
Typewriting machine. E. B. Hess. 1,460,846–9; July 3.
Typewriting machine. E. B. Hess. 1,462,912–13; July 24.
Typewriting machine. E. B. Hess. 1,469,934; Oct. 9.
Typewriting machine. E. B. Hess. 1,476,511; Dec. 4.
Typewriting machine. E. B. Hess and L. C. Myers. 1,453,839; May 1.
Typewriting machine. E. B. Hess and L. C. Myers. 1,457,167; May 29.
Typewriting machine. J. B. Holden. 1,458,133; June 12.
Typewriting machine. J. B. Holden. 1,461,419; July 10.
Typewriting machine. J. B. Holden. 1,469,477; Oct. 2.
Typewriting machine. W. H. Hulse. 1,462,886; July 24.
Typewriting machine. W. H. Hulse. 1,463,778; July 31.
Typewriting machine. H. Jacobs. 1,443,746; Jan. 30.
Typewriting machine. A. A. Johnson. 1,465,640; Aug. 21.
Typewriting machine. C. W. Klauninzer. 1,453,628; May 1.
Typewriting machine. A. G. F. Kurowski. 1,446,976; Feb. 27.
Typewriting machine. A. G. F. Kurowski. 1,447,990; Mar. 13.
Typewriting machine. A. G. F. Kurowski. 1,448,547; Mar. 13.
Typewriting machine. A. G. F. Kurowski. 1,448,753; Mar. 20.
Typewriting machine. A. G. F. Kurowski. 1,449,119; Mar. 20.
Typewriting machine A. G. F. Kurowski. 1,451,463; Apr. 10.
Typewriting machine. A. G. F. Kurowski. 1,455,496–7; May 15.
Typewriting machine. A. G. F. Kurowski. 1,456,637–8; May 29.
Typewriting machine. A. G. F. Kurowski. 1,458,904; June 12.
Typewriting machine. A. G. F. Kurowski. 1,467,940–2; Sept. 11.
Typewriting machine. A. G. F. Kurowski. 1,468,640–1; Sept. 25.
Typewriting machine. H. S. Lasher. 1,465,943; Aug. 28.
Typewriting machine. K. A. Lehmann. 1,448,411; Mar. 13.
Typewriting machine. C. W. Marsh. 1,474,839; Nov. 20.
Typewriting machine. C. T. Miller, jr. 1,441,237; Jan. 9.
Typewriting machine. J. H. Moloney. 1,448,810; Mar. 20.
Typewriting machine. R. J. Orr. 1,469,482; Oct. 2.
Typewriting machine. O. Petermann. 1,461,734; July 17.
Typewriting machine. E. A. Peterson. 1,440,792; Jan. 2.
Typewriting machine. E. A. Peterson. 1,463,535; July 31.
Typewriting machine. J. Phelps. 1,444,385; Feb. 6.
Typewriting machine. H. L. Pitman. 1,465,789; Aug. 21.
Typewriting machine. M. W. Pool. 1,462,980; July 24.
Typewriting machine. M. W. Pool. 1,465,559; Aug. 21.
Typewriting machine. P. L. Schmidt. 1,461,331; July 10.
Typewriting machine. H. Schweitzer. 1,459,554; June 19.
Typewriting machine. G. A. Seib. 1,446,935; Feb. 27.
Typewriting machine. G. A. Seib. 1,446,993; Feb. 27.
Typewriting machine. G. A. Seib. 1,463,599; July 31.
Typewriting machine. J. J. Sheehy. 1,448,007; Mar. 13.
Typewriting machine. A. W. Smith. 1,440,703; Jan. 2.
Typewriting machine. C. E. Smith. 1,469,054; Sept. 25.
Typewriting machine. J. A. B. Smith. 1,447,270; Mar. 6.
Typewriting machine. J. A. B. Smith. 1,448,601; Mar. 13.
Typewriting machine. J. A. B. Smith. 1,450,737; Apr. 3.
Typewriting machine. J. A. B. Smith. 1,451,792; Apr. 17.
Typewriting machine. J. A. B. Smith. 1,455,454; May 15.
Typewriting machine. J. A. B. Smith. 1,466,632; Aug. 28.
Typewriting machine. J. A. B. Smith. 1,474,178; Nov. 13.
Typewriting machine. B. C. Stickney. 1,451,277–8; Apr. 10.
Typewriting machine. B. C. Stickney. 1,458,251; June 12.
Typewriting machine. B. C. Stickney. 1,463,537; July 31.
Typewriting machine. B. C. Stickney. 1,465,191; Aug. 14.
Typewriting machine. B. C. Stickney. 1,465,403; Aug. 21.
Typewriting machine. A. Utz. 1,475,664; Nov. 27.
Typewriting machine. J. Waldheim. 1,441,049; Jan. 2.
Typewriting machine. J. Waldheim. 1,451,482; Apr. 10.
Typewriting machine. J. Waldheim. 1,464,122; Aug. 7.
Typewriting machine. J. A. Wherry. 1,465,242; Aug. 14.
Typewriting machine and case. W. F. Helmond. 1,446,745; Feb. 27.
Typewriting machine and case therefor, Portable. E. G. Latta. 1,468,880; Sept. 25.
Typewriting-machine case. A. G. F. Kurowski. 1,446,096; Feb. 20.
Typewriting machine, Electric. E. H. Hebern. 1,473,292; Nov. 6.
Typewriting machine, Portable. W. A. Papworth. 1,472,811; Nov. 6.
Typewriting-machine ribbon. A. S. Gilman. 1,443,952; Feb. 6.
Typewriting machines, Attachment for. J. H. Ananson. 1,452,822; Apr. 24.
Typewriting machines, Card holder for. G. F. Handley. 1,440,597; Jan. 2.
Typewriting machines, Casing for. A. G. Thiriot. 1,471,757; Oct. 23.
Typewriting machines, Paper extracting mechanism for. L. Jensen. 1,440,682; Jan. 2.
Typewriting machines, Ribbon mechanism for. H. A. Foothorap. 1,459,199; June 19.
Typewriting machines, Ribbon spool for. C. Gabrielson. 1,474,111; Nov. 13.
Typewriting machines, Segment carrier for. F. H. Armstrong. 1,461,717; July 17.
Typewriting machines, Shift bar for. J. F. Wilson. 1,474,751; Nov. 20.
Typewriting machines, Type cleaner for. C. E. and J. M. Ericson. 1,469,632; Oct. 2.
Typing-speed recorder. A. E. Oswald. 1,475,715; Nov. 27.
Typograph mechanism. C. A. Harms. 1,462,338; July 17.
Typograph mechanism. W. A. Reade. 1,455,885; May 22.
Typographic border mechanism. M. C. Indahl. 1,465,272; Aug. 21.
Typographic composing machine. J. S. Bancroft and M. C. Indahl. 1,449,489; Mar. 27.
Typographic composing machine. J. B. S. Booth. 1,465,296; Aug. 21.
Typographic embossing machine. F. De Minico. 1,478,030; Dec. 18.

Typographic machines, Casting mechanism for. F. W. Letsch. 1,458,659; June 12.
Typographic machines, Distributing mechanism for. F. W. Letsch. 1,441,101; Jan. 2.
Typographic machines, Mold for. F. W. Letsch. 1,444,254; Feb. 6.
Typographic matrix and production of same. G. E. Marlatt. 1,451,170; Apr. 10.
Typographic numbering machine. P. Malewig and J. Wallace. 1,470,278; Oct. 9.
Typographical composing and casting machines, Trimming mechanism for. T. Drake. 1,447,714; Mar. 6.
Typographical composing and distributing machine. J. R. Rogers. 1,443,434; Jan. 30.
Typographical elements. G. P. Kingsbury. 1,471,400; Oct. 23.
Typographical machine. A. Heldrich. 1,456,486; May 22.
Typographical machine. D. S. Kennedy. 1,459,978; June 26.
Typographical machine. E. W. Pierson. 1,471,352; Oct. 23.
Typographical machine. S. E. Sperry. 1,451,595; Apr. 10
Typographical machines, Distributor mechanism for. H. Petersen. 1,440,934; Jan. 2.
Typographical machines, Galley for. T. S. Homans. 1,464,483; Aug. 7.
Typographical machines, Matrix for. H. R. Freund. 1,477,436; Dec. 11.
Typographical method and apparatus. G. P. Ferrell. 1,448,620; Mar. 13.
Typographical mold. H. J. Megley. 1,461,927; July 17.
Umbilical-cord clamp. C. E. Ziegler. 1,440,574; Jan. 2.
Umbrella. M. H. Hartzell. 1,453,499–500; May 1.
Umbrella. T. J. Morris. 1,460,821; July 3.
Umbrella. H. F. Poell. 1,454,404; May 8.
Umbrella. F. J. Pugel. 1,469,021; Sept. 25.
Umbrella. J. Reid. 1, 1,464,507; Aug. 14.
Umbrella. J. Reid and H. Hopkinson. 1,464,830; Aug. 14.
Umbrella. S. C. Vincent. 1,457,679; June 5.
Umbrella carrier. W. A. Hart. 1,466,715; Sept. 4.
Umbrella, Collapsible. O. W. F. Posselt. 1,455,410; May 15.
Umbrella, Folding. R. H. Davis. 1,455,605; May 15.
Umbrella, Folding. B. J. Grancell. 1,441,848; Jan. 9.
Umbrella, Folding. M. H. Hartzell. 1,473,906; Nov. 13.
Umbrella, Folding. M. H. Hartzell. 1,474,821; Nov. 20.
Umbrella identifier. H. Sumner. 1,473,654; Nov. 13.
Umbrella parasol. I. H. Weinberg and C. F. Bisbing. 1,442,753; Jan. 16.
Umbrella, Pocket. G. Pedersen. 1,447,815; Mar. 6.
Umbrella rack. F. R. McGee. 1,459,787; June 26.
Umbrella rib and stretcher and attaching means therefor. C. E. Bunker. 1,469,495; Oct. 2.
Umbrella, Self-opening. S. S. Fretz, sr. 1,473,222; Nov. 6.
Umbrella stand. G. De Witt. 1,476,599; Dec. 4.
Umbrella stand. J. Muller. Des. 63,083; Oct. 2.
Umbrella stand, Portable L. H. Noble. 1,462,615; July 24.
Umbrella tip. G. Morrell. 1,445,537; Feb. 13.
Umbrellas, parasols, etc., Identification means for. D. Hirsch. Re15,712; Oct. 30.
Underdrilling bit. E. J. Akins. 1,463,566; July 31.
Underfeed furnace. M. J. Wightman. 1,454,697; May 8.
Underfeed furnace, Side-dump. A. H. Blackburn and F. E. Fleming. 1,472,579; Oct. 30.
Undergarment. W. S. Elder. 1,444,676; Feb. 6.
Undergarment. H. F. Geist. 1,478,006; Dec. 18.
Undergarment. D. McHolland. 1,445,523; Feb. 13.
Undergarment. J. H. Moffat. 1,458,892; June 12.
Undergarment. Z. B. Moore. 1,456,814; May 29.
Undergarment. C. L. Mowrer. 1,473,500; Nov. 6.
Undergarment. C. Reich. 1,457,394; June 5.
Undergarment. W. B. Rood. 1,457,752; June 5.
Undergarment. W. B. Rood. 1,458,547; June 12.
Undergarment. C. A. Sus Strong. 1,478,147; Dec. 18.
Undergarment for stout women, Combination. I. E. Kelly. 1,450,683; Apr. 3.
Undergarment, Woman's fitted. D. H. Warner. 1,454,417; May 8.
Undergarment, Woman's fitted. D. H. and D. C. Warner. 1,472,447; Oct. 30.
Undergarments, Ribbed underflap for. S. F. Swantees. 1,469,972; Oct. 9.
Underreamer. J. J. and J. R. Bookhout. 1,449,314; Mar. 20.
Underreamer. H. E. Brown. 1,454,843; May 15.
Underreamer. C. L. Giebell. 1,463,316; July 31.
Underreamer. T. J. McCormick. 1,474,274; Nov. 13.
Underreamer. J. D. Russ. 1,471,808; Oct. 23.
Underreamer. M. M. Sweetman. 1,478,306; Dec. 18.
Underreamer, Expansive. L. H. Baldwin. 1,470,316; Oct. 9.
Underreamer, Wide-expansion. R. E. Simpson. 1,468,980; Sept. 25.
Underwaist. O. Bastiansen. 1,454,262; May 8.
Underwaist, Child's. E. Lasner. 1,443,994; Feb. 6.
Underwear. R. E. Garrett. 1,460,959; July 3.
Underwear. C. N. Watson. 1,475,097; Nov. 20.
Underwear, Producing fullness in the seat of. D. M. Stephens. 1,470,580; Oct. 9.
Undulation, Device for producing permanent. R. Eichenberger. 1,464,867; Aug. 14.
Union suit. D. Atwater. 1,475,560; Nov. 27.
Unit carrier, Interchangeable-. H. W. Kirchner. 1,470,266; Oct. 9.
Unit drier. L. B. Case. 1,478,938; Dec. 25.
Unit switch, Multiple-. H. T. Martin. 1,478,042; Dec. 18.
Universal clasp. G. H. Schneider. 1,477,597; Dec. 18.
Universal joint. C. L. Anderson. 1,450,706–7; Apr. 3.
Universal joint. H. W. Bell. 1,450,350; Apr. 3.
Universal joint. W. F. Bockhoff. 1,442,921; Jan. 23.
Universal joint. C. L. Bushnell. 1,463,306; July 31.
Universal joint. J. C. Cromwell. 1,471,143; Oct. 16.
Universal joint. A. Dina. 1,478,324; Dec. 18.
Universal joint. M. G. Dusseau. 1,457,219; May 29.
Universal joint. E. P. Edwards. 1,447,934; Mar. 6.
Universal joint. L. Faust. 1,450,719; Apr. 3.
Universal joint. H. M. Funnell. 1,451,946; Apr. 17.
Universal joint. R. A. Hartmann. 1,467,380; Sept. 11.
Universal joint. J. N. Morris. 1,456,329; May 22.
Universal joint. P. Olive. 1,460,212; June 26.
Universal joint. F. W. Peters. 1,440,890; Jan. 2.
Universal joint. C. H. Richards. 1,443,930; Jan. 30.
Universal joint. E. H. Sherbondy. 1,452,530; Apr. 24.
Universal joint. W. H. Thiemer. 1,440,648; Jan. 2.
Universal joint. W. H. Thiemer. 1,443,969; Feb. 6.
Universal joint. E. A. Turnquist. 1,475,462; Nov. 27.
Universal joint. W. R. Woods. 1,441,390; Jan. 9.
Universal joint. W. R. Woods. 1,468,188–9; Sept. 18.
Universal-joint connecting rod. E. Rosenthal. 1,456,577; May 29.
Unloading device. G. O. Baker. 1,452,021; Apr. 17.
Unloading machine. R. Z. Drake. 1,472,054; Oct. 30.
Unloading mechanism. J. F. Poland and R. E. Miller. 1,441,023; Jan. 2.
Unwinder. D. Finley. 1,449,093; Mar. 20.
Upholstering, Apparatus for finishing. H. T. Thomas. 1,457,197; May 29.
Upholstering machine. H. H. Ingersoll. 1,469,513; Oct. 2.
Upholstering padding. A. H. Lichter. 1,459,780; June 26.
Upholstery. F. H. Bancroft. 1,460,399; July 3.
Upholstery finish. J. B. Zimmers. 1,448,986; Mar. 20.
Upholstery for seat backs. B. E. Lambert. 1,469,263; Oct. 2.
Upholstery material. C. E. Genung. 1,454,049; May 8.
Upholstery-securing device. R. B. Hollenbeck and H. Roe. 1,473,098; Nov. 6.
Upholstery spring. F. J. Brandel and F. H. Richert. 1,476,046; Dec. 4.
Upper-pulling machine. E. Brothers. 1,441,210; Jan. 9.
Uppers, Making seamless. D. G. Carter. 1,463,066; July 24.
Uppers on lasts, Device for pulling over. M. M. Sorensen. 1,440,898; Jan. 2.
Uppers over lasts, Machine for shaping. E. A. Holmgren. 1,453,274; May 1.
Uppers over lasts, Machine for working. E. A. Stiggins. 1,475,972; Dec. 4.
Uppers, Pulling over. M. M. Sörensen. 1,456,287; May 22.
Urea, Manufacture of. W. Gaus, W. Meiser, and E. Eberhardt. 1,453,069; Apr. 24.
Ureas, Producing tetra-substituted. A. P. Tanberg and H. Winkel. 1,477,087; Dec. 11.
Urethroscope. G. G. Greenberg and W. A. Winter. 1,453,975; May 1.
Urethroscope, Operating. S. Reisler and H. B. Tobias. 1,459,313; June 19.
Urinal. C. W. Buckley. 1,440,765; Jan. 2.
Urinal. G. R. Chase. 1,458,640; June 12.
Urn. G. E. Curtiss. Des. 62,271; May 1.
Urn, Coffee. I. C. Popper. 1,457,392; June 5.
Urn, Grave. T. W. Quigley. 1,469,459; Oct. 2.
Usher's signal. J. J. Walsh. 1,443,106; Jan. 23.
Utensil, Combination. A. Ftyklo. 1,451,542; Apr. 10.
Utensil hanger. A. E. Eaton. 1,478,209; Dec. 18.
Utensil holder. Frank R. McGee. 1,461,363; July 10.
Utensil, Household. A. Zimmerman. 1,453,777; May 1.
Utensils, Attachment for. E. M. Chandler. 1,473,335; Nov. 6.
Utensils, Cover for. A. P. Picard. 1,441,712; Jan. 9.
Utensils over camp fires, Device for supporting. F. A. Frye. 1,450,802; Apr. 3.
Utility bolt, General. H. A. W. Smith. 1,450,460; Apr. 3.
V-belt, Transmission. H. M. Gusdorf. 1,457,569; June 5.
V-type belt. M. O. Reeves. 1,446,017–18; Feb. 20.
Vaccine and preparing same. E. R. Whitmore. 1,457,097; May 29.
Vacuum breaker, Automatic. W. A. Howland. 1,448,445; Mar. 13.
Vacuum cleaner. L. Bailly. 1,459,968; June 26.
Vacuum cleaner. W. R. Barringer. 1,445,930; Feb. 20.
Vacuum cleaner. V. Camarata, J. Codrick, and R. P. Danley. 1,459,946; June 26.
Vacuum cleaner. G. Clements. Re15,627; June 12.
Vacuum cleaner. J. T. Hume. 1,458,939; June 19.
Vacuum cleaner. W. L. Lindgren. 1,458,714; June 12.
Vacuum cleaner. G. R. Paulus. 1,447,814; Mar. 6.

Vacuum cleaner. H. A. R. Peterman. 1,455,933; May 22.
Vacuum cleaner. P. Rieman. 1,462,071; July 17.
Vacuum cleaner. N. A. Throop. 1,470,894; Oct. 16.
Vacuum cleaner. W. H. Upton. 1,458,602; June 12.
Vacuum cleaner. A. A. Warner. 1,461,809; July 17.
Vacuum cleaner. M. S. Wright. 1,440,759; Jan. 2.
Vacuum-cleaner attachment. D. Tonso. 1,462,218; July 17.
Vacuum-cleaner bag. G. Clements. 1,444,165; Feb. 6.
Vacuum-cleaner demonstrator. C. H. Barr. 1,449,931; Mar. 27.
Vacuum-cleaners, Adjustable brush for. T. O. Adams. 1,474,875; Nov. 20.
Vacuum cleaners, Cord holder for. T. B. Richardson. 1,456,935; May 29.
Vacuum cleaners, Dust collector for portable. G. B. Wirls. 1,448,322; Mar. 13.
Vacuum cleaners, Handle latch for. R. Coates. 1,477,243; Dec. 11.
Vacuum cleaning apparatus. F. E. Lumley. 1,455,116; May 15.
Vacuum cleaning apparatus. J. P. Malone. 1,458,720; June 12.
Vacuum cleaning device. W. V. Orr. 1,476,004; Dec. 4.
Vacuum cleaning device. M. S. Wright. 1,462,223; July 17.
Vacuum cloth hydro-extractors, Attachment for suction-applying members of. G. W. Voelker. 1,471,671; Oct. 23.
Vacuum cup. P. C. and A. Hetzer. 1,448,690; Mar. 13.
Vacuum cup. R. S. Thompson and C. F. Doscher. 1,460,927; July 3.
Vacuum feed device. L. H. Wheeler. 1,470,704; Oct. 16.
Vacuum feed device. L. H. Wheeler. 1,471,371; Oct. 23.
Vacuum-feed-system conditions, Method of and apparatus for indicating. F. F. Sorensen and P. C. Dyer. 1,449,366; Mar. 20.
Vacuum feeding device. J. Jacobsen. 1,446,902; Feb. 27.
Vacuum friction closure. C. Hammer. 1,449,176; Mar. 20.
Vacuum holding or lifting device. W. Holland. 1,444,186; Feb. 6.
Vacuum lubricator, Ball-feeding. W. F. Himmelsbach. 1,471,464; Oct. 23.
Vacuum massager. H. P. Graber. 1,451,019; Apr. 10.
Vacuum pan. G. Engel, sr. 1,476,331; Dec. 4.
Vacuum producer, Automatic. C. E. Anderson and F. P. Perkins. 1,441,651; Jan. 9.
Vacuum-producing apparatus. I. E. Ewing and H. Hinerman. 1,467,312; Sept. 11.
Vacuum-producing apparatus. J. W. Greig. 1,473,037; Nov. 6.
Vacuum production, System of. R. Suczek. 1,458,737; June 12.
Vacuum pulsator-actuated mechanism. J. King. 1,468,238; Sept. 18.
Vacuum roll. B. B. Farnham. 1,451,568; Apr. 10.
Vacuum sealing machine. C. Stadler. 1,446,594; Feb. 27.
Vacuum supporting device. J. H. Prim. 1,466,961; Sept. 4.
Vacuum tank. H. B. Coats. 1,457,922; June 5.
Vacuum trap. I. H. Kaufman. 1,442,575; Jan. 16.
Vacuum tube. H. J. van der Bijl. 1,478,072; Dec. 18.
Vacuum tube. W. Wilson. 1,478,087; Dec. 18.
Vacuum-tube apparatus. H. W. Nichols. 1,463,432; July 31.
Vacuum-tube base and receptacle. F. H. Shaw. 1,458,153; June 12.
Vacuum-tube-electrode assembling jig. W. J. Leveridge. 1,456,506; May 29.
Vacuum-tube repeater. R. C. Mathes. 1,442,439; Jan. 16.
Vacuum tubes, Switching mechanism for. P. I. Wold. 1,462,057; July 17.
Vacuum vessel, slab, partition, and other double-walled vacuum structure. A. J. Roach-Cuming. 1,462,092; July 17.
Vacuumizing machine. G. A. Beardsley and D. Wardell. 1,469,874; Oct. 9.
Valuation register. H. A. Harris. 1,449,041; Mar. 20.
Valve. J. B. Anderson. 1,477,023; Dec. 11.
Valve. A. J. Barnebl, jr. 1,447,007; Feb. 27.
Valve. C. R. Baumgardner. 1,464,022; Aug. 7.
Valve. W. N. Blanchard. 1,451,037; Apr. 10.
Valve. F. D. Blauvelt. 1,478,815; Dec. 25.
Valve. C. R. C. Borden. 1,468,273; Sept. 18.
Valve. J. R. Bowler. 1,443,675; Jan. 30.
Valve. W. B. Brassington. 1,471,444; Oct. 23.
Valve. L. L. Carter. 1,470,057; Oct. 9.
Valve. M. Christman. 1,450,663; Apr. 3.
Valve. J. Clayton. 1,441,784; Jan. 9.
Valve. C. L. Coryell. 1,452,416; Apr. 17.
Valve. J. A. Costello. 1,473,210; Nov. 6.
Valve. W. H. Dent. 1,449,590; Mar. 27.
Valve. T. Douglas. 1,475,175; Nov. 27.
Valve. W. F. Duryea. 1,465,844; Aug. 21.
Valve. H. H. Emmons. 1,452,962; Apr. 24.
Valve. S. B. Gorbutt. 1,448,291; Mar. 13.
Valve. E. J. B. Gorman. 1,473,621; Nov. 13.
Valve. S. O. Hagen. 1,458,228; June 12.
Valve. F. Hardinge. 1,470,974; Oct. 16.
Valve. F. B. Haves. 1,461,188; July 10.
Valve. H. D. Hildebrand. 1,443,365; Jan. 30.
Valve. S. Hinds. 1,457,574; June 5.
Valve. R. C. Holman. 1,444,790; Feb. 13.
Valve. J. T. Hostetter and F. J. Keiser. 1,462,110; July 17.
Valve. G. H. Isley. 1,460,587; July 3.
Valve. O. Jacobsen. 1,466,171; Aug. 28.
Valve. P. A. Johnson. 1,467,981; Sept. 11.
Valve. S. L. Kneass. 1,465,645; Aug. 21.
Valve. C. W. Larner. 1,465,916; Aug. 21.
Valve. C. W. Larner. 1,466,130; Aug. 28.
Valve. H. L. Leas. 1,464,007; Aug. 7.
Valve. H. R. Lechner. 1,449,337; Mar. 20.
Valve. F. Lewis and W. W. Miller. 1,468,506; Sept. 18.
Valve. F. S. Livingston. 1,467,486; Sept. 11.
Valve. K. Löwinger. 1,463,169; July 31.
Valve. W. E. Marshall. 1,466,666; Sept. 4.
Valve. C. F. Mattingly. 1,478,670; Dec. 25.
Valve. C. L. McCuen. 1,457,585; June 5.
Valve. J. R. McElrath. 1,443,847; Jan. 30.
Valve. F. R. McGee and A. R. Schulze. 1,476,344; Dec. 4.
Valve. E. S. McGee. 1,456,244; May 22.
Valve. T. J. McKenzie. 1,456,277; May 22.
Valve. A. H. Meyer. 1,476,534; Dec. 4.
Valve. T. O. Mountain. 1,467,447; Sept. 11.
Valve. K. O. Nelson. 1,458,355; June 12.
Valve. S. J. Nordstrom. 1,469,762; Oct. 2.
Valve. L. F. O'Flaherty and W. L. Kirkpatrick. 1,459,242–3; June 19.
Valve. L. F. O'Flaherty and W. L. Kirkpatrick. 1,462,147; July 17.
Valve. E. J. Pace. 1,457,599; June 5.
Valve. E. I. Pearson. 1,468,030; Sept. 18.
Valve. J. W. Pearson and J. S. Power. 1,463,093; July 24.
Valve. W. S. Penfield. 1,449,695; Mar. 27.
Valve. W. E. Pulverman. 1,451,473; Apr. 10.
Valve. F. Rahm. 1,470,102; Oct. 9.
Valve. H. L. Raulerson. 1,465,176; Aug. 14.
Valve. U. Reidt. 1,465,147; Aug. 14.
Valve. A. E. Rope. 1,467,816; Sept. 11.
Valve. E. A. Russell. 1,442,973; Jan. 23.
Valve. J. A. Sahuc. 1,475,554; Nov. 27.
Valve. C. F. Schwennker. 1,441,759; Jan. 9.
Valve. E. W. Scribner and O. Baker. 1,440,558; Jan. 2.
Valve. G. F. Shevlin. 1,457,318; June 5.
Valve. D. W. Slattery. 1,448,717; Mar. 13.
Valve. D. W. Slattery. 1,477,722; Dec. 18.
Valve. H. F. Smith and T. Cureton. 1,467,511; Sept. 11.
Valve. J. D. Smith. 1,456,942; May 29.
Valve. K. D. Smith. 1,466,918; Sept. 4.
Valve. L. Smith. 1,445,363; Feb. 13.
Valve. W. R. Smith. 1,452,764; Apr. 24.
Valve. A. Stenwall. 1,462,834; July 24.
Valve. E. A. Stiles. 1,459,934; June 26.
Valve. W. T. Tabb. 1,470,037; Oct. 9.
Valve. B. E. Taylor. 1,442,452; Jan. 16.
Valve. W. L. Tresemer and E. B. Wilson. 1,448,580; Mar. 13.
Valve. L. D. Vaughan. 1,441,646; Jan. 9.
Valve. H. Wagner and W. Strube. 1,476,862; Dec. 11.
Valve. A. V. Wangenheim. 1,459,809; June 26.
Valve. G. P. Whitelaw, 2d. 1,464,303; Aug. 7.
Valve. O. R. Wikander. 1,464,837; Aug. 14.
Valve. G. A. Wilson, jr. 1,441,772; Jan. 9.
Valve. W. G. Wilson. 1,449,478; Mar. 27.
Valve. P. C. Withrow and W. W. Lemen. 1,457,613; June 5.
Valve. F. Yardley. 1,459,460; June 19.
Valve-actuating device. J. R. Crawford. 1,465,035; Aug. 14.
Valve-actuating device for hydrocarbon motors. C. R. Short. 1,454,084; May 8.
Valve-actuating means. F. E. Laird. 1,475,123; Nov. 20.
Valve-actuating means. F. A. Saunders. 1,460,922; July 3.
Valve-actuating mechanism. A. G. Bertram. 1,477,419; Dec. 11.
Valve-actuating mechanism. C. E. Chaffin. 1,450,158; Mar. 27.
Valve-adjusting mechanism. W. F. Harrington. 1,474,078; Nov. 13.
Valve-actuating mechanism. J. B. Haskell. 1,476,510; Dec. 4.
Valve-actuating mechanism for internal-combustion engines. O. L. Perrault. 1,471,861; Oct. 23.
Valve-actuating mechanism, Poppet-. J. C. Peraza. 1,443,715; Jan. 30.
Valve-adjusting device. P. Leo. 1,464,082; Aug. 7.
Valve, Air. T. C. De Vore. 1,465,760; Aug. 21.
Valve, Air and gas mixing. T. E. Rooke. 1,442,971; Jan. 23.
Valve, Air-brake. F. E. Harris. 1,458,882; June 12.
Valve, Air-brake. O. G. Pendleton. 1,446,723; Feb. 27.
Valve, Air-brake-control. T. J. Steinkeller. 1,458,370; June 12.
Valve, Air-brake emergency check. M. H. Ryan. 1,463,767; July 31.
Valve, Air-brake-release. A. A. Drees. 1,452,495; Apr. 24.
Valve, Air-brake-retaining. F. C. Kummerow. 1,447,791; Mar. 6.
Valve, Air-brake test. C. E. Zachary. 1,451,644; Apr. 10.

Valve, Air-brake triple. A. Silvene and L. B. Stedman. 1,454,456; May 8.
Valve, Air-compressor. H. E. Pelletier. 1,446,659; Feb. 27.
Valve, Air confining and releasing J. E. Wilson. 1,450,934; Apr. 10.
Valve, Air-control. L. F. Chaney. 1,462,263; July 17.
Valve, Air-discharge. J. P. Colgan. 1,444,235; Feb. 6.
Valve, Air-inlet. J. V. Wilmoth. 1,467,218; Sept. 4.
Valve, Alarm. P. L. Drake. 1,464,244; Aug. 7.
Valve and casing, Engine. C. C. Hughes and R. O. Betterly. 1,472,652; Oct. 30.
Valve and cleaner, Combined water-feed. F. A. Olson. 1,467,492; Sept. 11.
Valve and depth indicator, Combined high and low level. L. Rieske. 1,478,580; Dec. 25.
Valve and dust cap, Combination. W. W. Wainwright. 1,464,376; Aug. 7.
Valve and dust cap, Combined. H. A. Ogle. 1,443,429; Jan. 30.
Valve and electric switch, Combination air. H. R. Stevens and R. L. Rockwell. 1,457,558; June 5.
Valve and flushing system, Combined backwater. J. W. Zehringer. 1,448,898; Mar. 20.
Valve and making it, Poppet. A. M. Searles. 1,448,873; Mar. 20.
Valve and operating mechanism therefor, Tank-car. A. Campbell and A. E. Zimmer. 1,466,116; Aug. 28.
Valve and rim, Automatic. H. B. Eads. Re15,568; Apr. 3.
Valve and strainer, Combined foot. A. W. Burks. 1,473,667; Nov. 13.
Valve and the like, Air. J. M. McDonald. 1,459,543; June 19.
Valve and valve-seat facing tool. W. C. Ruhlandt. 1,450,116; Mar. 27.
Valve, Angle gate. J. E. Schehr. 1,467,069; Sept. 4.
Valve arrangement. E. A. Wright. 1,453,302; May 1.
Valve attachment, Rotary. J. A. Kidd. 1,467,674; Sept. 11.
Valve, Automatic. S. R. Amdursky. 1,461,010; July 3.
Valve, Automatic. P. Roth. 1,461,404; July 10.
Valve, Automatic. J. Sandilands. 1,451,895; Apr. 17.
Valve, Automatic. W. H. Schmidt. 1,455,670; May 15.
Valve, Automatic. O. P. Torngren. 1,476,739; Dec. 11.
Valve, Automatic brake. H. A. Thompson. 1,454,525; May 8.
Valve, Automatic closing. M. T. Vandervoort. 1,470,895; Oct. 16.
Valve, Automatic controlling. F. C. Leonard. 1,476,718; Dec. 11.
Valve, Automatic cut-off. J. H. Heslar. 1,464,874; Aug. 14.
Valve, Automatic drain. M. Hanson. 1,468,068; Sept. 18.
Valve, Automatic expansion. E. J. Radtke. 1,465,654; Aug. 21.
Valve, Automatic fluid-operated. A. J. Allard. 1,441,472; Jan. 9.
Valve, Automatic fountain. C. F. Mattingly. 1,478,669; Dec. 25.
Valve, Automatic gas. G. H. Diers. 1,440,821; Jan. 2.
Valve, Automatic gas-shut-off. I. H. Carr. 1,468,135; Sept. 18.
Valve, Automatic liquid. C. C. Hansen. 1,452,155; Apr. 17.
Valve, Automatic liquid-level gauge. C. F. Mattingly. 1,473,154; Nov. 6.
Valve, Automatic pressure. J. G. Harris and G. D. Jaquett. 1,460,900; July 3.
Valve, Automatic pressure-retaining. T. James, jr., and W. I. Wolfson. 1,466,589; Aug. 28.
Valve, Automatic relief. C. E. Bathrick and A. C. Mecklenburg. 1,449,646; Mar. 27.
Valve, Automatic safety expansion. J. Müller. 1,452,252; Apr. 17.
Valve, Automatic shut-off. I. H. Carr. 1,448,193; Mar. 13.
Valve, Automatic shut-off. E. E. Kerns. 1,464,767; Aug. 14.
Valve, Automatic sprinkler alarm. H. G. Eastwood. 1,464,926; Aug. 14.
Valve, Automatic steam stop. W. B. Stork. 1,456,946; May 29.
Valve, Auxiliary air. W. M. Coward. 1,468,283; Sept. 18.
Valve, Auxiliary air. P. Fowler. 1,471,255; Oct. 16.
Valve, Auxiliary-air-inlet shut-off. C. A. Rivers and F. B. Stuart. 1,475,721; Nov. 27.
Valve-bag closure. F. Witmer. 1,476,560; Dec. 4.
Valve, Ball. G. C. Kear. 1,478,125; Dec. 18.
Valve, Bellows. G. W. Bemis. 1,454,207; May 8.
Valve block for compressors or pumps. N. H. Hiller. 1,462,857; July 24.
Valve, Blow-off. W. A. Kitts, jr. 1,456,697; May 29.
Valve, Blow-off. A. Kushlan. 1,458,064; June 5.
Valve-cage puller. J. L. Cunningham and M. D. Whalen. 1,465,349; Aug. 21.
Valve cage vise and spring remover. A. B. Seppmann. 1,451,715; Apr. 17.
Valve cap. G. R. Brown. 1,440,718; Jan. 2.
Valve cap. P. G. Cole. 1,476,054; Dec. 4.
Valve cap. W. H. Conboy. 1,452,146; Apr. 17.
Valve cap. H. P. Kraft. 1,460,250; June 26.
Valve cap. J. Long. 1,468,821; Sept. 25.
Valve cap, Defiating. H. P. Kraft. 1,478,610; Dec. 25.
Valve cap, Volume-reducing. F. E. Loescher, H. P. Jaenike, and E. I. Daugherty. 1,446,710; Feb. 27.
Valve-casing cap. F. J. Lenz. 1,469,421; Oct. 2.
Valve chambers, Temporary end closure for locomotive. O. Kuhner. 1,462,113; July 17.
Valve, Check. W. W. Burgin. 1,461,439; July 10.
Valve, Check. J. P. Conlin. 1,441,662; Jan. 9.
Valve, Check. J. A. Holmberg. 1,453,978; May 1.
Valve, Check. B. Love and C. Gaylor. 1,470,018; Oct. 9.
Valve, Check. J. Twardowsky. 1,476,383; Dec. 4.
Valve, Check. B. T. Williston. 1,471,229; Oct. 16.
Valve, Chimney. F. R. McGee. 1,444,767; Feb. 6.
Valve chuck. H. E. Fletcher. 1,441,625; Jan. 9.
Valve, Clapper. A. F. Thorsten. 1,463,103; July 24.
Valve cock. P. L. Palmer and G. W. Draggoo. 1,454,222; May 8.
Valve, Combined hot and cold water. L. B. Yeiser and F. C. Lehmann. 1,460,931; July 3.
Valve, Combined stop and safety. M. W. Stoms. 1,455,940; May 22.
Valve, Compound regulating. G. J. Stuart. 1,469,854; Oct. 9.
Valve, Compound regulating. G. J. Stuart. 1,469,855; Oct. 9.
Valve, Compressor. F. W. Parsons. 1,460,824; July 3.
Valve construction, Automatic exhaust-. D. J. Campbell. 1,465,342; Aug. 21.
Valve construction, Flush-. S. J. T. Metzger. 1,470,179; Oct. 9.
Valve, Control. H. L. Beach. 1,474,756; Nov. 20.
Valve, Control. C. Lejeune. 1,469,228; Oct. 2.
Valve control. F. D. Moses. 1,467,059; Sept. 4.
Valve, Control. R. F. Ringle. 1,452,848; Apr. 24.
Valve-control appliance, Emergency fuel-. H. J. Long. 1,467,049; Sept. 4.
Valve control, Ball-. H. M. Sheer. 1,475,030; Nov. 20.
Valve control for Diesel engines. A. Warenskjold. 1,476,312; Dec. 4.
Valve control for leacher buckets, Float-. H. D. Kelly. 1,467,170; Sept. 4.
Valve, Controlling. L. A. Darling. 1,471,107; Oct. 16.
Valve-controlling device for internal-combustion engines. R. Hildebrand. 1,471,463; Oct. 23.
Valve-controlling means, Throttle-. E. Pulsifer. 1,444,272; Feb. 6.
Valve-controlling mechanism. W. Turnwald. 1,478,843; Dec. 25.
Valve controlling or locking means. J. P. Thomas. 1,474,802; Nov. 20.
Valve, Cylindrical slide. A. M. Jensen and K. P. Brændstrup. 1,441,508; Jan. 9.
Valve, delayed self-closing gas. R. D. Smith. 1,444,011; Feb. 6.
Valve device. J. Zander. 1,468,434; Sept. 18.
Valve device, Brake-. C. C. Farmer. 1,473,759; Nov. 13.
Valve device, Brake-. T. H. Thomas. 1,454,569; May 8.
Valve device, Feed-. J. W. Cloud. 1,452,068; Apr. 17.
Valve device, Feed-. C. C. Farmer. 1,473,758; Nov. 13.
Valve device for duplex pumps. H. P. Petersen. 1,462,122; July 17.
Valve device for hose reels. J. B. McMullin. 1,457,180; May 29.
Valve device for hydrants, Drain-. L. T. Buckler. 1,457,422; June 5.
Valve device for wood-treating cylinders. G. B. and J. B. Shipley. 1,465,742; Aug. 21.
Valve device, Triple-. C. C. Farmer. 1,463,039; July 24.
Valve diaphragm, Flexible. W. T. Mixsell. 1,473,998; Nov. 13.
Valve, Disk. T. Cosgrove, jr. 1,473,282; Nov. 6.
Valve, Double-beat. D. Cockburn and D. MacNicoll. 1,449,166; Mar. 20.
Valve, Drifting. W. F. Kiesel, jr. 1,473,106; Nov. 6.
Valve, Drifting. H. L. Roberts. 1,457,272; May 29.
Valve, Dry-pipe. C. Adams, jr. 1,468,619; Sept. 25.
Valve, Dry-pipe. E. E. Clark. 1,450,428; Apr. 3.
Valve, Dry-pipe. H. M. Nacey and M. F. Ahearn. 1,464,614; Aug. 14.
Valve, Dry-pipe. A. C. Rowley. 1,446,321; Feb. 20.
Valve, Electrical. C. B. Mayer. 1,475,129; Nov. 20.
Valve, Expanding gate. E. Edler. 1,462,635; July 24.
Valve, Expansion. E. R. De Luiz. 1,455,430; May 15.
Valve, Expansion. C. C Hanson and J. Twardowsky. 1,462,696; July 24.
Valve, Expansion. H. J. Smith. 1,450,052; Mar. 27.
Valve, Expansion. R. Whitaker. 1,462,466; July 17.
Valve, Explosion. G. E. Steudel. 1,464,116; Aug. 7.
Valve-facing tool. R. Hohnbach. 1,469,935; Oct. 9.
Valve-facing tool. C. R. Otis. 1,446,856; Feb. 27.
Valve, Faucet. C. W. Koch. 1,468,949; Sept. 25.
Valve, Feed. B. F. Crisenberry. 1,464,060; Aug. 7.
Valve, Filling. T. McGhee and P. Woodhead. 1,456,854; May 29.
Valve fitting. W. Grikscheit. 1,442,026; Jan. 9.
Valve, Float. W. M. Black. 1,470,213; Oct. 9.
Valve, Float. N. S. Black. 1,476,029; Dec. 4.
Valve, Float. E. B. La Salle. 1,442,228; Jan. 16.
Valve, Float-controlled. W. L. Hawes. 1,462,599; July 24.
Valve, Float-controlled. J. Olson. 1,463,907; Aug. 7.
Valve, Fluid-pressure-actuated switch. H. B. Hartman 1,475,697; Nov. 27.

Alphabetical list of inventions—Continued.

Valve, Flush. A. E. Benedict. 1,446,329; Feb. 20.
Valve, Flush. H. Brunka. 1,466,946; Sept. 4.
Valve, Flush. F. B. Edell. 1,477,329; Dec. 11.
Valve, Flush. M. W. Keller. 1,440,469; Jan. 2.
Valve, Flush. C. D. Myer. 1,471,504; Oct. 23.
Valve, Flush. R. Nichols and T. L. Titus. 1,472,191; Oct. 30.
Valve, Flush. W. Sherwood. 1,460,080; June 26.
Valve, Flush-tank. J. H. Cable. 1,453,914; May 1.
Valve, Flush-tank. S. Kneppel. 1,460,968; July 3.
Valve, Flush-tank. C. O. Witherspoon. 1,442,206; Jan. 16.
Valve, Flushing. R. M. Keating. 1,443,690; Jan. 30.
Valve, Flushing. J. P. Meyer. 1,474,117; Nov. 13.
Valve, Flushing. W. S. White. 1,460,996; July 3.
Valve for air-brake safety appliances. H. C. Stokes. 1,452,055; Apr. 17.
Valve for air-brake systems, Control. T. J. Steinkeller. 1,444,281; Feb. 6.
Valve for air brakes, Automatic retaining and release. A. G. Barsamian. 1,447,706; Mar. 6.
Valve for air brakes, Control. W. Hildebrand. 1,461,845; July 17.
Valve for air pumps and means for actuating same. L. F. Hoffman. 1,475,826; Nov. 27.
Valve for air transport systems, Switching. E. W. Powell. 1,448,941; Mar. 20.
Valve for angle cocks, By-pass. J. P. Kelly. 1,458,765; June 12.
Valve for automatic train-control apparatus, Manually-operable. D. J. Bissell, jr. 1,474,187; Nov. 13.
Valve for automatic water heaters. C. D. Bedwin. 1,461,644; July 10.
Valve for carburetors, Auxiliary air-inlet. W. E. Kent. 1,475,837; Nov. 27.
Valve for carburetors, Electrically-controlled air. J. E. Fuchs. 1,466,710; Sept. 4.
Valve for carburetors, Thermostatic. F. O. Lewis. 1,453,016; Apr. 24.
Valve for coffee urns, Float. H. D. Kelly. 1,467,171; Sept. 4.
Valve for coke ovens. W. E. Roberts. 1,448,365; Mar. 13.
Valve for combustion engines, Automatic additional air. W. H. Bauert. 1,453,236; Apr. 24.
Valve for compressor unloaders, Control. H. Feldbush. 1,441,840; Jan. 9.
Valve for compressors. M. W. Stoms. 1,454,347; May 8.
Valve for controlling the flow of fluids. G. A. Blake. 1,442,516; Jan. 16.
Valve for corrosive liquids. C. F. Haunz. 1,450,078; Mar. 27.
Valve for engines, Auxiliary air. F. W. Andrews. 1,443,554; Jan. 30.
Valve for expanding machines, Automatic hydraulic control. A. J. Bates. 1,455,062; May 15.
Valve for explosive engines. K. E. Keller. 1,455,055; May 15.
Valve for feed-water heaters, Combination regulating. K. W. Rohlin. 1,459,516; June 19.
Valve for feed-water supply to steam generators. A. Baxter. 1,478,320; Dec. 18.
Valve for flush tanks, Outlet. T. J. Cahill. 1,450,133; Mar. 27.
Valve for flush tanks, Supply. J. M. Sikes and C. Elmore. 1,477,916; Dec. 18.
Valve for fuel tanks, Automatic shut-off. P. D. Sackett. 1,474,556; Nov. 20.
Valve for gas engines, Auxiliary air. F. M. Hart. 1,448,400; Mar. 13.
Valve for heating systems, Antivacuum relief. H. O. Curtis. 1,454,729; May 8.
Valve for high-pressure lines, Safety. A. C. Mecklenburg. 1,441,018; Jan. 2.
Valve for hydraulic oil storage and distribution systems, Controlling. F. G. Farr. 1,470,233; Oct. 9.
Valve for inner tubes, Air. S. Holick. 1,456,444; May 22.
Valve for internal-combustion engines. R. P. Grieve. 1,471,955; Oct. 23.
Valve for internal-combustion engines. D. E. Turner. 1,467,742; Sept. 11.
Valve for internal-combustion engines, Automatic air. W. F. Krichbaum. 1,463,532; July 31.
Valve for internal-combustion engines, Automatic auxiliary air. J. B. West. 1,465,723; Aug. 21.
Valve for internal-combustion engines, Auxiliary air. A. Wagner. 1,470,785; Oct. 16.
Valve for internal-combustion engines, Oscillating. R. A. Bradley. 1,461,472; July 10.
Valve for internal-combustion engines, Poppet. G. R. Rich. 1,444,210; Feb. 6.
Valve for internal-combustion engines, Rotary. Z. A. Carnes. 1,474,621; Nov. 20.
Valve for low-pressure steam-heating apparatus, Automatic air-inlet. F. and H. G. Taylor. 1,472,946; Nov. 6.
Valve for low-water safety telltales, Thermally-controlled. G. A. Sager. 1,476,422; Dec. 4.
Valve for milk-agitating tanks, Flush. G. S. White. 1,471,991; Oct. 23.
Valve for open-hearth and other types of regenerative furnaces, Reversing. W. H. Wharton. 1,466,775; Sept. 4.
Valve for pneumatic-hose fittings, Automatic. F. J. Quin and W. H. Park. 1,451,372; Apr. 10.
Valve for pneumatic sanders, Engineer's. J. R. Allan. 1,463,188; July 31.
Valve for pneumatic tools. J. M. Crowe. 1,446,547; Feb. 27.
Valve for powder distributors. C. J. Wotier. 1,477,741; Dec. 18.
Valve for power reverse gears. W. F. Kiesel, jr. 1,461,854; July 17.
Valve for radiators, Vent. E. E. Decker. 1,478,028; Dec. 18.
Valve for refrigerating machines, Expansion. C. L. McCuen. 1,446,471; Feb. 27.
Valve for rock drills, Reducing. A. H. Taylor. 1,465,568; Aug. 21.
Valve for rotation motors, Hand-regulating. C. C. Hansen. 1,456,234; May 22.
Valve for single-chamber air-pressure brakes. W. Hildebrand. 1,475,432; Nov. 27.
Valve for steam turbines. C. W. Dake. 1,441,485; Jan. 9.
Valve for stone-cutting machines. G. D. Hunter. 1,444,920; Feb. 13.
Valve for tank cars, Outlet. E. L. Chatfield. 1,472,293; Oct. 30.
Valve for tank cars, Outlet. W. A. Drake. 1,473,474; Nov. 6.
Valve for tanks, etc. T. C. Morris. 1,457,743; June 5.
Valve for tanks, Flush. P. Mueller. 1,457,315; June 5.
Valve for tanks or receptacles, Relief. P. Mather. 1,471,855; Oct. 23.
Valve for the separation of two immiscible liquids, Automatic float. G. M. Whitney and J. F. Fletcher. 1,459,486; June 19.
Valve for torpedoes, Vent. W. Dieter. 1,445,936; Feb. 20.
Valve for use in connection with pneumatic tires, applicable for other suitable purposes. J. Lumb. 1,467,440; Sept. 11.
Valve for water-closet tanks, Outlet. A. A. Carson. 1,457,018; May 29.
Valve for water gauges, Safety. J. P. Wulff. 1,477,743; Dec. 18.
Valve for water heaters, Hydraulic. W. E. Kay. 1,448,666; Mar. 13.
Valve, Fuel-supply. K. J. E. Hesselman. 1,465,822; Aug. 21.
Valve, Fuel-supply. R. M. Hvid. 1,476,012; Dec. 4.
Valve, Gas. W. P. Schmid. 1,464,015; Aug. 7.
Valve, Gas distributing and governing. H. R. Jackson and H. A. May. 1,462,641; July 24.
Valve, Gas-engine. B. R. Nyhagen. 1,456,144; May 22.
Valve, Gas-regulating. L. E. Trosclair. 1,463,451; July 31.
Valve, Gasoline reserve. E. J. Stalder and E. Scholz. 1,462,216–17; July 17.
Valve, Gate. J. E. Dempsey. 1,458,644; June 12.
Valve, Gate. J. W. Flower. 1,474,026; Nov. 13.
Valve, Gate. J. J. Leach. 1,475,191; Nov. 27.
Valve, Gate. F. J. Stallings. 1,444,644; Feb. 6.
Valve gear. C. M. Downey. 1,447,412; Mar. 6.
Valve gear. W. P. Dryer. 1,471,316; Oct. 16.
Valve gear. C. J. Pilliod. 1,465,948; Aug. 28.
Valve gear. W. E. Ver Planck. 1,471,076; Oct. 16.
Valve gear of duplex pumps. A. H. Twells. 1,453,029; Apr. 24.
Valve, Gravity soap-dispensing. M. L. Shultz. 1,446,217; Feb. 20.
Valve grinder. C. H. Beach. 1,471,769; Oct. 23.
Valve grinder. C. E. Clarke. 1,470,687; Oct. 16.
Valve grinder. J. M. Coburn and J. M. McCrary. 1,461,267; July 10.
Valve grinder. J. E. Kessler. 1,446,975; Feb. 27.
Valve grinder. A. Loveless. 1,464,043; Aug. 7.
Valve grinder. A. J. McIntosh. 1,445,335; Feb. 13.
Valve grinder. F. Merdian. 1,457,785; June 5.
Valve grinder. J. W. Schab. 1,441,032; Jan. 2.
Valve-grinder attachment. B. Sine. 1,475,148; Nov. 20.
Valve grinder, Electric. J. J. McGuckin and J. Peyer. 1,449,908; Mar. 27.
Valve-grinding apparatus. L. B. Bauhaus. 1,440,522; Jan. 2.
Valve-grinding apparatus. C. J. Driganti. 1,471,779; Oct. 23.
Valve-grinding apparatus. W. I. Tuttle. 1,468,055; Sept. 18.
Valve-grinding attachment. E. Little. 1,443,228; Jan. 23.
Valve-grinding machine. R. Hervig. 1,452,508; Apr. 24.
Valve-grinding machine. W. W. Shonk. 1,446,323; Feb. 20.
Valve-grinding machine. J. P. Simmons. 1,455,176; May 15.
Valve-grinding tool. W. S. Bellows. 1,450,788; Apr. 3.
Valve-grinding tool. F. M. Bird. 1,459,356; June 19.
Valve-grinding tool. J. A. Hassel. 1,441,149; Jan. 2.
Valve guides, Tool for removing and replacing. S. M. Edwards. 1,468,777; Sept. 25.
Valve head, Poppet-. W. E. Williams. 1,449,876; Mar. 27.
Valve, Hollow-stem suction. P. R Rothe. 1,462,519; July 24.

Valve, Homogenizing. D. F. Hormann. 1,451,393; Apr. 10.
Valve, Hose. U. Reidt. 1,451,588; Apr. 10.
Valve, Hydraulic. E. O. Lundblad. 1,464,286; Aug. 7.
Valve insides, Attachment for. M. C. Schweinert. 1,455,891; May 22.
Valve, Internal-combustion engine. T. M. McKelvy. 1,465,142; Aug. 14.
Valve, Internal-combustion-motor. V. W. Pagé. 1,442,698; Jan. 16.
Valve, Internal oil-cooled piston. S. Munson. 1,444,130; Feb. 6.
Valve, Irrigation. J. W. Ellis. 1,473,401; Nov. 6.
Valve lathe. C. G. Turngren. 1,462,669; July 24.
Valve-leakage detector for pneumatic tubes, Air. F. E. Lindbloom. 1,449,010; Mar. 20.
Valve, Leakproof. E. K. Shoultz. 1,468,747; Sept. 25.
Valve, Life-preserver. M. C. Schweinert. 1,466,734; Sept. 4.
Valve lifter. W. C. Caddin. 1,468,258; Sept. 18.
Valve lifter. R. B. Goodrich. 1,443,916; Jan. 30.
Valve lifter. J. A. Leonard. 1,474,485; Nov. 20.
Valve lifter. H. D. Lindenmuth. 1,467,439; Sept. 11.
Valve lifter. S. G. McPheters. 1,449,951; Mar. 27.
Valve lifter. E. J. Miller. 1,459,635; June 19.
Valve lifter. J. Sunnen. 1,452,714; Apr. 24.
Valve lifter for internal-combustion motors. H. B. Cartlidge. 1,472,354; Oct. 30.
Valve lifter, Plate-. C. W. Metzgar. 1,458,625; June 12.
Valve-lifting device. J. E. Wainwright. 1,447,447; Mar. 6.
Valve lock. J. O. Authier. 1,444,899; Feb. 13.
Valve lock, Tank-. N. M. Hamer. 1,447,021; Feb. 27.
Valve, Locked exhaust. J. B. Van Hoose. 1,471,075; Oct. 16.
Valve, Locking. W. E. Marshall. 1,466,668; Sept. 4.
Valve-locking device. E. M. Wells. 1,440,710; Jan. 2.
Valve means, Automatic. G. H. Anderson. 1,444,943; Feb. 13.
Valve means, Automatic. G. H. Anderson. 1,461,885; July 17.
Valve mechanism. F. S. Bennett. 1,456,090; May 22.
Valve mechanism. E. Bugatti. 1,459,193; June 19.
Valve mechanism. R. F. Halliwell. 1,477,346; Dec. 11.
Valve mechanism. H. A. Myers. 1,462,651; July 24.
Valve mechanism. E. C. Newcomb. 1,454,331; May 8.
Valve mechanism, Air-controlling. J. D. Benbow. 1,456,050; May 22.
Valve mechanism, Automatic rain-water. G. Johnson. 1,475,120; Nov. 20.
Valve mechanism, Control-. D. Brandriff. 1,465,540; Aug. 21.
Valve mechanism, Flush-tank. C. H. Hapgood. 1,457,571; June 5.
Valve mechanism for automatic train-control apparatus. R. L. Miller. 1,477,514; Dec. 11.
Valve mechanism for dump cars. J. B. Rhodes. 1,466,342; Aug. 28.
Valve mechanism for explosive engines. M. L. Gallagher and S. Brockson. 1,465,428; Aug. 21.
Valve mechanism for glass machines. A. R. Bethel. 1,460,363; July 3.
Valve mechanism for internal-combustion engines. R. E. Anderson and O. G. Larson. 1,467,747; Sept. 11.
Valve mechanism for internal-combustion engines. E. R. Burtnett. 1,472,548; Oct. 30.
Valve mechanism for internal-combustion engines. J. C. Peraza. 1,444,081; Feb. 6.
Valve mechanism for welding and cutting torches, Automatic cut-off. W. M. Bell. 1,442,039; Jan. 16.
Valve mechanism, Hydraulic. H. W. Buckman. 1,445,127; Feb. 13.
Valve mechanism, Reverse-. F. Riesner. 1,470,483; Oct. 9.
Valve mechanism, Silencing device for. S. W. Bradburn. 1,445,287; Feb. 13.
Valve mechanism, Slack take-up for. E. W. Caulfield. 1,457,819; June 5.
Valve mechanism, Tank-. A. Campbell. 1,464,745; Aug. 14.
Valve mechanism, Tank-wagon emergency-. G. L. E. Emmich. 1,467,717; Sept. 11.
Valve mechanism, Thermostatic. F. W. and G. A. Robertshaw. 1,455,662; May 15.
Valve, Metal air-check. L. F. Knight. 1,471,172; Oct. 16.
Valve, Milking-machine. S. H. Knapp. 1,445,599; Feb. 13.
Valve, Mixing. C. F. Jansen. 1,443,539; Jan. 30.
Valve, Mixing. H. Junkers. 1,454,172; May 8.
Valve, Mixing. R. A. Lipscomb. 1,447,391; Mar. 6.
Valve motors, Device for eliminating valve noises from overhead. A. C. Ennis. 1,448,687; Mar. 13.
Valve, Multiple supply. A. C. Whidden. 1,478,688; Dec. 25.
Valve, Needle. T. C. Prouty. 1,451,371; Apr. 10.
Valve, Nonreturn. C. F. Mattingly and C. F. Montgomery. 1,473,155; Nov. 6.
Valve of compressed-gas containers. R. H. Davis. 1,444,780; Feb. 13.
Valve, Oil. F. H. Schulenberg. 1,468,172; Sept. 18.
Valve opener, Air-. D. Ekiss. 1,445,205; Feb. 13.
Valve-operating connection. M. A. Yeakley. 1,452,995; Apr. 24.
Valve-operating device. B. Wichser. 1,452,859; Apr. 24.
Valve-operating mechanism. G. L. Bull. 1,473,077; Nov. 6.
Valve-operating mechanism. A. F. Kleist. 1,473,481; Nov. 6.
Valve-operating mechanism. W. P. Loudon. 1,473,634; Nov. 13.
Valve-operating mechanism. G. J. Mead. 1,463,171; July 31.
Valve-operating mechanism. W. Morris. 1,448,145; Mar. 13.
Valve-operating mechanism. F. A. Porell. 1,477,897; Dec. 18.
Valve-operating mechanism. R. Springborn. 1,477,154; Dec. 11.
Valve-operating mechanism. F. Yardley. 1,454,367; May 8.
Valve-operating mechanism, Float-. P. Mueller. 1,457,314; June 5.
Valve-operating mechanism for flush tanks. W. U. Griffiths. 1,476,813; Dec. 11.
Valve-operating mechanism for flushing tanks, Outlet-. A. F. Curtin. 1,454,428; May 8.
Valve-operating mechanism, Tank-car. J. C. Abel. 1,470,340; Oct. 9.
Valve-operating mechanisms of internal-combustion engines, Guide member for. C. R. Short. 1,469,270; Oct. 2.
Valve or cock. W. A. Forman. 1,461,520; July 10.
Valve or damper, Water-cooled. L. L. Knox. Re15,552; Mar. 6.
Valve pad for inner tubes and making same. J. A. Bowerman. 1,456,357; May 22.
Valve-pin tool. K. Dahm. 1,478,555; Dec. 25.
Valve, Plate. J. W. Jones. 1,470,625; Oct. 16.
Valve-plug remover. L. A. Janssen. 1,467,936; Sept. 11.
Valve, Plunger. C. W. Larner. 1,459,774; June 26.
Valve, Pneumatic. H. P. Kraft. 1,454,854; May 15.
Valve, Pneumatic ball. R. M. Zimmerman. 1,449,209; Mar. 20.
Valve-pocket agitator. R. M. Conklin. 1,477,246; Dec. 11.
Valve, Poppet. H. J. Bachman. 1,467,414; Sept. 11.
Valve, Poppet. E. H. Sherbondy. 1,473,711; Nov. 13.
Valve, Positively-controlled maneuvering and emergency shut-off. D. Cockburn and D. MacNicoll. 1,445,130; Feb. 13.
Valve, Pressure. C. Lalama. 1,454,680; May 8.
Valve, Pressure-control. A. Amsler. 1,467,522; Sept. 11.
Valve, Pressure-control. J. C. Johnson. 1,452,560; Apr. 24.
Valve, Pressure-control. T. J. Steinkeller. 1,448,469; Mar. 13.
Valve, Pressure-reducing. E. Webb. 1,457,049; May 29.
Valve, Pressure-regulating. B. E. Holton. 1,462,937; July 24.
Valve, Pressure-regulating. J. S. Reynolds. 1,457,937; June 5.
Valve, Pressure-relief. C. W. Larner. 1,459,775; June 26.
Valve, Pressure-relief. H. A. Thrush. 1,454,353; May 8.
Valve, priming device and auxiliary air inlet for internal-combustion engines, Combined cut-out. J. C. Akins. 1,442,634; Jan. 16.
Valve puller. S. S. Burman. 1,474,234; Nov. 13.
Valve, Pump. G. L. Kollberg. 1,476,985; Dec. 11.
Valve, Pump. V. H. Palm. 1,477,381; Dec. 11.
Valve, Pump. J. W. Sandlin. 1,443,436; Jan. 30.
Valve, Quick-acting and attachable. G. McNeill. 1,465,648; Aug. 21.
Valve, Quick-acting shut-off. A. La Belle. 1,467,177; Sept. 4.
Valve, Quick-opening. J. H. Derby. 1,456,723; May 29.
Valve, Radiator. C. V. Haynes. 1,461,657; July 10.
Valve, Radiator air. C. and A. C. Feuser. 1,464,756; Aug. 14.
Valve-reciprocating sleeve for manifold selections, Piston-. E. R. Burtnett. 1,446,875; Feb. 27.
Valve, Reducing. J. W. McConnell. 1,461,248; July 10.
Valve, Reducing. J. Rumpf. 1,461,738; July 17.
Valve-refacing machine. H. G. Larsen and W. C. Redfield. 1,456,807; May 29.
Valve-releasing device. J. A. Campbell. 1,445,001; Feb. 13.
Valve, Relief. F. A. Gessler and R. B. Mitchell. 1,474,192; Nov. 13.
Valve, Relief. A. W. Miller. 1,459,546; June 19.
Valve remover. H. Ruttinger. 1,474,792; Nov. 20.
Valve replacer. E. P. Kray. 1,457,175; May 29.
Valve reseater. A. W. Noyes. 1,455,649; May 15.
Valve, Reserve-gasoline. C. A. Burris. 1,444,582; Feb. 6.
Valve, Reversing. A. T. Keller. 1,468,502; Sept. 18.
Valve-reversing gear, Power-operated. P. Sheedy. 1,443,888; Jan. 30.
Valve-reversing gear, Steam-engine-. F. R. Stevens. 1,453,532; May 1.
Valve rocker arm. R. E. Hedberg, 1,469,155; Sept. 25.
Valve-rod-adjusting device. C. A. Miller. 1,457,589; June 5.
Valve-rod-adjusting device, Automatic. C. B. Ware. 1,445,118; Feb. 13.
Valve, Rotary. M. O. Anthony. 1,462,160; July 17.
Valve, Rotary. E. M. Bournonville. 1,472,113; Oct. 30.
Valve, Rotary. G. S. Heath. 1,447,980; Mar. 13.
Valve, Rotary. C. F. Smith. 1,442,705; Jan. 16.

Valve, Rotary. H. V. Souders. 1,458,557; June 12.
Valve, Rotary. S. J. Tritt, jr. 1,461,296; July 10.
Valve, Rotary cup. W. G. Wilson. 1,448,585; Mar. 13.
Valve, Safety. R. E. Newell. 1,453,079; Apr. 24.
Valve, Safety. A. B. Myers. 1,457,544; June 5.
Valve, Safety. R. P. Tooley and C. W. Johnson. 1,458,087; June 5.
Valve, Safety locomotive-cab. P. Wertz. 1,460,628; July 3.
Valve, Sand. E. W. Doering. 1,446,842; Feb. 27.
Valve, Sand-filter. M. F. Ryan. 1,470,290; Oct. 9.
Valve, Screw-operable drain. H. B. Sherman and D. M. Bliss. 1,465,004; Aug. 14.
Valve seat for ball cocks, Removable. F. D. Leslie. 1,461,039; July 10.
Valve-seat reamer. H. H. Hicks. 1,442,804; Jan. 23.
Valve-seating tool. G. J. S. Collins. 1,455,388; May 15.
Valve seats, Reaming tool for truing. H. T. Shearer. 1,453,643; May 1.
Valve, Self closing and cleaning drain. G. W. Fairbanks. 1,467,615; Sept. 11.
Valve, Self-contained blow-off. C. H. Stroud. 1,461,835; July 17.
Valve, Self-grinding poppet. M. O. Anthony. 1,467,991; Sept. 18.
Valve, Sewer-trap. S. Kurtz. 1,457,580; June 5.
Valve, Signal. F. N. Kelsey. 1,472,366; Oct. 30.
Valve silencer. E. I. Adams. 1,446,142; Feb. 20.
Valve, Siphon. J. G. McGilpin. 1,443,628; Jan. 30.
Valve, Slide. W. G. Wilson. 1,442,204; Jan. 16.
Valve, Sluice. J. Chapman and W. F. R. Reynolds. 1,471,944; Oct. 23.
Valve, Sluice or gate. C. W. Hume. 1,467,039; Sept. 4.
Valve, Sluice or gate. J. W. R. Williamson. 1,444,576; Feb. 6.
Valve, Snap-acting gas-control. A. W. Francis. 1,477,641; Dec. 18.
Valve, Snap-acting gas-control. C. H. Hook. 1,477,647; Dec. 18.
Valve, Speed-controlling. C. W. Buck. 1,449,583; Mar. 27.
Valve-spring compressor. G. W. Cary. 1,450,578; Apr. 3.
Valve-spring compressor. E. H. Dewey. 1,441,723; Jan. 9.
Valve-spring compressor. M. E. Foss. 1,443,018; Jan. 23.
Valve-spring compressor. W. F. Landgraf. 1,405,890; Apr. 3.
Valve-spring compressor. N. A. Landis. 1,440,611; Jan. 2.
Valve-spring compressor. A. E. and C. E. Marts. 1,468,121; Sept. 18.
Valve-spring compressor and lifter. O. V. Vanicek. 1,467,628; Sept. 11.
Valve-spring compressor and placer. M. W. Kibbe. 1,466,796; Sept. 4.
Valve-spring lifter. L. H. Bayler. 1,445,609; Feb. 13.
Valve-spring lifter. D. E. Carlson. 1,444,729; Feb. 6.
Valve-spring lifter. H. A. Cooper. 1,465,843; Aug. 21.
Valve-spring lifter. G. W. Garwood. 1,440,534; Jan. 2.
Valve-spring lifter. F. T. Martin. 1,463,709; July 31.
Valve-spring lifter. J. B. Moyer. 1,440,885; Jan. 2.
Valve-spring lifter. E. Pederquist. 1,445,708; Feb. 20.
Valve-spring lifter. C. C. Young. 1,458,374; June 12.
Valve-spring-lifter lock. H. W. Kulp and M. C. Dellinger. 1,461,275; July 10.
Valve-spring-lifting device. J. G. Fye. 1,451,212; Apr. 10.
Valve-spring-lifting device. W. I. Tuttle. 1,447,190; Mar. 6.
Valve-spring-lifting tool. M. J. Vagge. 1,469,974; Oct. 9.
Valve-spring-manipulating device. G. W. Cary. 1,467,567; Sept. 11.
Valve-spring saddle. O. C. Johnson. 1,448,221; Mar. 13.
Valve springs of internal-combustion engines, Implement for compressing the. J. Terroine. 1,468,526; Sept. 18.
Valve springs, Tool for compressing. S. C. Hoff. 1,465,905; Aug. 21.
Valve, Standing. C. M. Berlien. 1,451,676; Apr. 17.
Valve stem. J. F. Key. 1,444,189; Feb. 6.
Valve stem and guide lubricator. W. Edson. 1,473,839; Nov. 13.
Valve-stem carbon remover. A. R. Schmidt. 1,462,581; July 24.
Valve-stem closure. C. T. Shaffer. 1,443,387; Jan. 30.
Valve-stem guard. C. L. Gandy. 1,444,340; Feb. 6.
Valve-stem key tool. F. C. Hartson and G. A. Donath. 1,456,007; May 22.
Valve-stem lengthener. J. J. McGuckin. 1,466,844; Sept. 4.
Valve stems, Cap for. H. B. Mead. 1,478,448; Dec. 25.
Valve stems, Dust cap for. B. M. and M. M. Berngartt. 1,470,319; Oct. 9.
Valve stems, Making. A. W. Limont. 1,446,469–70; Feb. 27.
Valve stems, Manufacturing. A. W. Limont. 1,446,468; Feb. 27.
Valve stems, Packing device for. A. C. Lindbloom. 1,470,276; Oct. 9.
Valve, Stop and waste. W. H. Smith. 1,454,415; May 8.
Valve structure. E. P. Hewitt. 1,476,253; Dec. 4.
Valve, Tank. J. Yorks. 1,475,670; Nov. 27.
Valve, Tank-outlet. F. C. Fyke and J. E. Hunt. 1,458,816; June 12.
Valve tappet for internal-combustion engine. G. R. Rich. 1,461,560; July 10.
Valve-tappet silencer. G. W. and C. K. Mosey. 1,454,453; May 8.
Valve tester. S. M. Coffman. 1,455,077; May 15.
Valve-testing device. W. E. Lauster. 1,462,115; July 17.
Valve, Thermionic. H. Morris-Airey, G. Shearing, and S. R. Mullard. 1,447,481; Mar. 6.
Valve, Thermionic. F. Reynolds. 1,474,293; Nov. 13.
Valve, Thermostatic. P. J. Collins. 1,453,272; May 1.
Valve, Thermostatic. J. L. Ferris. 1,458,813; June 12.
Valve, Thermostatic. C. J. Heiser. 1,449,675; Mar. 27.
Valve, Thermostatic. F. C. Leonard. 1,476,719; Dec. 11.
Valve, Thermostatically-actuated. E. S. Hoyt. 1,449,005; Mar. 20.
Valve, Three-way by-pass. C. F. Braun. 1,442,782; Jan. 16.
Valve, Throttle. F. H. Clark and E. J. Barnett. 1,459,046; June 19.
Valve, Throttle. P. H. Scheib. 1,464,049; Aug. 7.
Valve timer and control, Automatic. J. J. Leonard. 1,465,014; Aug. 14.
Valve tool. R. L. Breth. 1,446,822; Feb. 27.
Valve, Train-pipe end. E. A. Russell. 1,474,790; Nov. 20.
Valve tubes, Auxiliary valve for inflating. R. Reynolds. 1,458,438; June 12.
Valve-unit pneumatic, Combination individual-. A. Ricca. 1,446,273; Feb. 20.
Valve unloader, Plate-. H. V. Haight. 1,470,077; Oct. 9.
Valve unloader, Plate-. F. W. Parsons. 1,462,301; July 17.
Valve, Vacuum relief and back-pressure. R. W. Jones. 1,476,618; Dec. 4.
Valve, Vulcanizing. H. P. Kraft. 1,442,226; Jan. 16.
Valve, Vulcanizing. H. P. Kraft. 1,451,025; Apr. 10.
Valve, Warning. H. T. Battin. 1,443,830; Jan. 30.
Valve, Waste or outlet. E. G. Watrous. 1,467,965; Sept. 11.
Valve, Water-closet. H. A. Rath. 1,474,288; Nov. 13.
Valve, Water-closet. J. A. Watt. 1,447,193; Mar. 6.
Valve, Water-control. J. C. Goosmann. 1,472,412; Oct. 30.
Valve with parallel steam-tight surfaces, High-pressure slide stop. E. Edler. 1,462,636; July 24.
Valve, Working. V. R. Kill and O. J. Gaster. 1,472,528; Oct. 30.
Valves, Apparatus for making motor. R. Jardine. 1,452,510; Apr. 24.
Valves, Automatic closing attachment for. F. L. Crampton. 1,477,809; Dec. 18.
Valves, Automatic lock for release. R. G. Labachotte. 1,470,173; Oct. 9.
Valves, Bracket device for air-brake pressure. E. L. Clark. 1,443,168; Jan. 23.
Valves by fluid pressure, Operation of. H. Pilling. 1,443,239; Jan. 23.
Valves, Cam chuck for centering. R. Hervig. 1,452,506; Apr. 24.
Valves, Device for regulating the lift of. S. G. Wigelius and N. W. Uhr. 1,440,427; Jan. 2.
Valves, Dust cap for tire. H. P. Kraft. 1,467,484; Sept. 11.
Valves in Diesel motors, Arrangement of operating cams of the fuel. A. Reinsch. 1,466,249; Aug. 28.
Valves, Locking device for gas. J. J. Dooner. 1,451,944; Apr 17.
Valves, Locking device for motor. L. F. Easton. 1,460,538; July 3.
Valves, Machine provided with. M. Birkigt. 1,457,957; June 5.
Valves, Making. C. Pfanstiehl. 1,445,411; Feb. 13.
Valves, Making. M. M. Wilcox. 1,470,413; Oct. 9.
Valves, Making poppet. A. A. Schupp. 1,470,034; Oct. 9.
Valves, Making poppet. M. M. Wilcox. 1,470,041; Oct. 9.
Valves, Means for controlling flush-tank. E. G. Hedges and W. W. Heroy. 1,462,106; July 17.
Valves, Means for operating. J. Bettien. 1,448,720; Mar. 20.
Valves, Method of and apparatus for preventing the burning of gas-pressure-reducing. E. Wiss. 1,457,869; June 5.
Valves of containers, Protector for. C. L. Rowland. 1,469,646; Oct. 2.
Valves, Operating mechanism for tank-car outlet. C. E. Miller. 1,476,722; Dec. 11.
Valves, Pin inserter and remover for Ford. C. G. Balcom. 1,467,914; Sept. 11.
Valves, Pressure-equalizing valve for piston. H. Koch. 1,458,101; June 5.
Valves, Recording apparatus for. C. E. Renshaw. 1,456,148–9; May 22.
Valves, Spring for choker. J. E. Messenger. 1,470,583; Oct. 9.
Valves, Tool for removing. J. B. Morris. 1,463,130; July 24.
Valves, Tool for removing poppet. E. J. Mares. 1,447,560; Mar. 6.
Vamp-trimming machine. M. E. Shackley. 1,454,908; May 15.
Vanadium from its ores, Recovering. P. A. Mackay. 1,450,507; Apr. 3.

Vane, Magnetizable meter. T. D. Yensen. 1,454,878; May 15.
Vanity article, Combination. N. Kasdan and D. Pollack. 1,469,562; Oct. 2.
Vanity bag and the like. N. Kasdan. 1,454,515; May 8.
Vanity box. T. C. Foster. Des. 61,753; Jan. 2.
Vanity box. C. T. Foster. Des. 63,028–30; Sept. 18.
Vanity box. L. J. Freundt. 1,467,151; Sept. 4.
Vanity box. B. P. Hyde. 1,460,906; July 3.
Vanity box. B. P. Hyde. Des. 62,928; Aug. 21.
Vanity box. N. Kasdan and D. Pollack. 1,463,472; July 31.
Vanity box. A. S. Lyhne. 1,467,764; Sept. 11.
Vanity box. C. C. Prindle. 1,459,798; June 26.
Vanity box. P. A. Reutter. Des. 62,962; Aug. 28.
Vanity box. E. Ross. Des. 63,005; Sept. 4.
Vanity box. E. Ross. Des. 63,495; Dec. 11.
Vanity box. T. F. Slater. Des. 63,501–6; Dec. 11.
Vanity box. E. H. Tompkins. Des. 62,965–6; Aug. 28.
Vanity box. E. A. Warner. 1,464,552; Aug. 14.
Vanity box. R. W. Wilson. 1,460,509; July 3.
Vanity box, Association. A. E. Rope. 1,453,249; Apr. 24.
Vanity box, Combination. S. Morrison. 1,455,647; May 15.
Vanity case. S. Abrahams. 1,446,779; Feb. 27.
Vanity case. S. Albert. 1,453,563; May 1.
Vanity case. H. R. Barr. 1,460,192; June 26.
Vanity case. O. J. Cathcart. 1,476,282; Dec. 4.
Vanity case. W. H. Denney. 1,460,950; July 3.
Vanity case. L. P. Dickey. 1,457,925; June 5.
Vanity case. C. E. Dodson. 1,455,432; May 15.
Vanity case. A. B. Flagg. 1,463,259; July 31.
Vanity case. T. W. Foster. Des. 61,762; Jan. 9.
Vanity case. T. W. Foster. Des. 62,200; Apr. 10.
Vanity case. T. W. Foster. Des. 62,443; June 5.
Vanity case. G. C. Hill. 1,455,840; May 22.
Vanity case. W. G. Kendall. 1,440,876: Jan. 2.
Vanity case. W. G. Kendall. 1,442,528; Jan. 16.
Vanity case. W. G. Kendall. 1,443,898; Jan. 30.
Vanity case. W. G. Kendall. 1,447,863; Mar. 6.
Vanity case. W. G. Kendall. 1,451,617; Apr. 10.
Vanity case. W. G. Kendall. 1,456,450; May 22.
Vanity case. W. G. Kendall. 1,456,636; May 29.
Vanity case. W. G. Kendall. 1,458,886–7; June 12.
Vanity case. W. G. Kendall. 1,460,967; July 3.
Vanity case. A. C. Maynard. 1,457,541; June 5.
Vanity case. E. A. McArthur. 1,469,524; Oct. 2.
Vanity case. T. B. O'Brien. Des. 61,985; Feb. 20.
Vanity case. B. F. Ostrowski. 1,462,376; July 17.
Vanity case. A. F. Reilly. Des. 62,310; May 1.
Vanity case. R. M. Rodriguez. 1,470,647; Oct. 16.
Vanity case. A. Schocket. Des. 62,805; July 31.
Vanity case. A. S. Turnquist. 1,475,039; Nov. 20.
Vanity cases, Partition for. W. G. Kendall. 1,442,529; Jan. 16.
Vanity cases, Partition for. W. G. Kendall. 1,453,626; May 1.
Vapor bath. J. Thomas. 1,475,091; Nov. 20.
Vapor burner. F. L. Smith. 1,441,639; Jan. 9.
Vapor burner. O. I. Straub and F. G. Wahl. 1,463,101; July 24.
Vapor-controlling system. N. B. Johnson. 1,447,858; Mar. 6.
Vapor-utilizing device. J. A. Houser. 1,469,088; Sept. 25.
Vaporizer. H. C. Abern. 1,440,811; Jan. 2.
Vaporizer. V. C. Anderson. 1,459,667; June 19.
Vaporizer. E. G. Ballinger. 1,440,956; Jan. 2.
Vaporizer. F. V Hadley, S. Barnaby, and J. O. Clarke. 1,462,504; July 24.
Vaporizer. H. F. Simon. 1,476,774; Dec. 11.
Vaporizer. M. O. Smith. 1,477,724; Dec. 18.
Vaporizer and burner. B. F. Crisenberry. 1,447,295; Mar. 6.
Vaporizer and primer. E. O. Wolff. 1,467,259; Sept. 4.
Vaporizer, Electric. L. E. Aske. 1,451,673; Apr. 17.
Vaporizer, Engine-fuel. J. Good. 1,452,683; Apr. 24.
Vaporizer, Kerosene. W. H. Hill. 1,460,583; July 3.
Vaporizer, Liquid-fuel. G. Keith and W. A. Whatmough. 1,471,470; Oct. 23.
Vaporizing apparatus. H. F. Simon. 1,476,773; Dec. 11.
Vaporizing attachment. L. G. Stransky. 1,468,524; Sept. 18.
Vaporizing device. F. Howard. 1,461,243; July 10.
Vapors and gases, Electrically-operating treating chamber for hydrocarbon. J. L. McCabe. 1,455,088; May 15.
Vapors, Apparatus for condensing distilled. G. de Béthune. 1,478,206; Dec. 18.
Vapors from gases, Portable apparatus for the extraction of. G. G. Oberfell and G. A. Burrell. 1,455,407; May 15.
Vapors from gases, Recovering condensable. H. H. Armstrong. 1,463,782; Aug. 7.
Vapors, Volatilizing, distilling, or separating absorbed. C. L. Voress and V. C. Canter. 1,453,215; Apr. 24.
Variometer. H. P. Donle. 1,456,267; May 22.
Variometer. C. R. Dumble. 1,446,166; Feb. 20.
Varnish. P. Rothberg and A. P. Sachs. 1,448,869: Mar. 20.
Varnish composition. L. Mauerhofer. 1,458,493; June 12.
Varnish, Composition for. R. S. Lloyd. 1,462,236; July 17.
Varnish film for insulating purposes. P. E. Demmler. 1,440,448; Jan. 2.
Varnish, Flexible. C. D. Draper. 1,459,581; June 19.
Varnish, paint, or waterproofing composition and making same. P. M. Stewart. 1,464,224; Aug. 7.
Varnishing machine. J. H. Moeller. 1,441,871; Jan. 9.
Vase. F. Carder. Des. 62,317; May 8.
Vase. F. Carder. Des. 62,517; June 12.
Vase. A. J. Flauder. Des. 63,462; Dec. 11.
Vase, Ground. R. B. McGowan. 1,448,808; Mar. 20.
Vase or vessel. F. Carder. Des. 61,949; Feb. 13.
Vase, urn, or other container. B. C. Davis. 1,444,666; Feb. 6.
Vat coloring matters, Production of. M. A. Kunz. 1,464,079; Aug. 7.
Vault and safe construction. A. B. Trowbridge and O. W. Ten Eyck. 1,474,390; Nov. 20.
Vault, Asphalt-mastic and coal-tar-mastic casket. W. E. Sheene. 1,478,769; Dec. 25.
Vault, Burial. B. M., G. C., and D. P. Bird. 1,460,223; June 26.
Vault, Burial. M. Dochnal. 1,460,409; July 3.
Vault, Burial. H. O. Heacock. 1,450,291; Apr. 3.
Vault, Burial. A. J. Hopkins. 1,444,835; Feb. 13.
Vault, Burial. M. Van Slyke. 1,470,130; Oct. 9.
Vault-closure structure. J. H. Williams. 1,478,085; Dec. 18.
Vault entrances, Lowering bridge for. J. Hermann. 1,442,803; Jan. 23.
Vault handle, Burial-. C. C. Whartenby. 1,465,701; Aug. 21.
Vault light. W. L. Walker. 1,463,452; July 31.
Vault, Metallic grave. C. A. Albrecht. 1,473,534; Nov. 6.
Vault or safe locking mechanism. B. A. Boyer and A. Krofft. 1,473,985; Nov. 13.
Vault or the like. H. A. Ledyard and J. J. Jelley. 1,467,862; Sept. 11.
Vault protector. T. W. Wilson. 1,445,377; Feb. 13.
Vault temporary handle lock, Burial-. H. K. Knutzon. 1,459,219; June 19.
Vaults and similar purposes, Plate for use in lining burglarproof. F. J. Napolitan. 1,464,102; Aug. 7.
Vaults, Lock for closures of burial. F. L. Whartenby. 1,464,458; Aug. 7.
Vaults, Mold for burial. R. Reming. 1,456,911; May 29.
Vegetable and fruit peeling device. H. Sletto. 1,469,650; Oct. 2.
Vegetable and other oils, apparatus for and process of refining. F. M. Turner. 1,448,582; Mar. 13.
Vegetable cleaner and separator. G. J. Olney. 1,474,284; Nov. 13.
Vegetable cutter. F. G. Brewer. 1,452,546; Apr. 24.
Vegetable cutter. T. S. Crampton. 1,442,861; Jan. 23.
Vegetable cutter. W. J. Creed. 1,443,948; Feb. 6.
Vegetable cutter. C. Russo. 1,468,546; Sept. 18.
Vegetable cutter. H. O. Taylor and J. Dresdner. 1,478,684; Dec. 25.
Vegetable cutter. J. Vistine. 1,466,519; Aug. 28.
Vegetable fiber, Treating. H. C. Fueller. 1,454,581; May 8.
Vegetable material, Apparatus for destructively distilling. B. R. Pfeifer. 1,449,544; Mar. 27.
Vegetable slicer. C. L. Leonard. 1,451,075; Apr. 10.
Vegetable slicer. R. A. Porter. 1,461,160; July 10.
Vegetable-slicing machine. G. Caldwell. 1,477,106; Dec. 11.
Vegetable substances and the resulting product, Preparation of a product for the maceration of. D. Carbone. 1,473,901; Nov. 13.
Vegetables, etc., Washer for. O. S. Sells. 1,457,284; May 29.
Vegetables or fruit with a skin-loosening agent, Apparatus for treating. H. M. Miller. 1,463,964; Aug. 7.
Vehicle. H. H. Adams. 1,443,200; Jan. 23.
Vehicle. J. L. Banks. 1,465,248; Aug. 21.
Vehicle. L. W. Close. 1,464,922; Aug. 14.
Vehicle. J. B. Ferguson. 1,453,345; May 1.
Vehicle. M. J. Furlong. 1,454,162; May 8.
Vehicle. F. P. Griffith, J. Lindsay, and H. G. Geoghegan. 1,477,949; Dec. 18.
Vehicle. F. Herschmann. 1,447,953; Mar. 6.
Vehicle. A. E. Jackson and H. Goodfellow. 1,442,769; Jan. 16.
Vehicle. S. Klimcovitz. 1,441,859; Jan. 9.
Vehicle. L. W. Mallory. 1,456,989; May 29.
Vehicle. P. A. Michell. 1,459,545; June 19.
Vehicle. G. F. Myers. 1,459,411; June 19.
Vehicle. J. E. Rebours. 1,474,163; Nov. 13.
Vehicle. E. J. Schramke. 1,465,318; Aug. 21.
Vehicle. J. Swinland. 1,455,124; May 15.
Vehicle, Aerial. C. O. Barrera. 1,456,210; May 22.
Vehicle alarm, Motor-. P. Dowd. 1,453,240; Apr. 24.
Vehicle anchoring device. W. W. Blakely and G. C. Fedderman. 1,466,442; Aug. 28.
Vehicle antirattling device. S. Baruch. 1,470,952; Oct. 16.
Vehicle attachment. B. V. McQuinn. 1,476,993; Dec. 11.
Vehicle attachment, Motor-. A. C. Bovender. 1,453,618; May 1.
Vehicle attachment, Motor-. J. F. Garvey. 1,462,744; July 24.

Vehicle, Automotive. B. A. Kelly. 1,442,220; Jan. 16.
Vehicle bodies, Die for forming. E. R. Stoddard. 1,442,913; Jan. 23.
Vehicle bodies from sheet metal, Forming. E. R. Stoddard. 1,442,912; Jan. 23.
Vehicle bodies, Pneumatic support for. J. M. and W. C. Akers. 1,474,222; Nov. 13.
Vehicle bodies, Pneumatic suspension for. H. O. Lassen. 1,464,680; Aug. 14.
Vehicle bodies, Spring suspension for. J. J. Huebner. 1,450,370; Apr. 3.
Vehicle bodies, Top for. C. P. Pond. 1,458,075; June 5.
Vehicle body. L. J. Buob. 1,467,305; Sept. 11.
Vehicle body. A. L. Eaton and H. F. Vickers. 1,456,630; May 29.
Vehicle body. T. Elliott. 1,473,023; Nov. 6.
Vehicle body. A. A. Kramer. 1,469,320; Oct. 2.
Vehicle body. H. C. Maise. 1,459,159; June 19.
Vehicle body. O. H. Menning. 1,458,352; June 12.
Vehicle body. F. J. Mueck. 1,459,740; June 26.
Vehicle body. J. E. Sersté. 1,466,345; Aug. 28.
Vehicle body. F. N. Vanier. 1,441,388; Jan. 9.
Vehicle body. C. A. Wales. 1,475,329; Nov. 27.
Vehicle body and the like J. Morrison. 1,451,626; Apr. 10.
Vehicle body construction. C. M. Manly and J. McGlashan. 1,472,128; Oct. 30.
Vehicle body construction. J. McGlashan. 1,472,607; Oct. 30.
Vehicle body construction and upholstery therefor. S. S. Bonel. Re15,725; Nov. 27.
Vehicle body, Convertible. W. C. Fowler. 1,451,016; Apr. 10.
Vehicle body, Motor-. A. G. Herreshoff. 1,464,989; Aug. 14.
Vehicle body suspension. B. F. Seymour. 1,477,914; Dec. 18.
Vehicle brake. M. Adenot. 1,463,112; July 24.
Vehicle brake. D. J. Boatsman. 1,476,439; Dec. 4.
Vehicle brake. Z. A. Davisson. 1,478,641; Dec. 25.
Vehicle brake. N. C. Divelbiss. 1,443,703; Jan. 30.
Vehicle brake. R. Z. Farmer. 1,464,980; Aug. 14.
Vehicle brake. W. M. Forsyth. 1,468,014; Sept. 18.
Vehicle brake. C. H. Gill. 1,478,646; Dec. 25.
Vehicle brake. F. S. Hutchison. 1,475,016; Nov. 20.
Vehicle brake. K. Maybach. 1,469,232; Oct. 2.
Vehicle brake. J. H. Pashia. 1,476,415; Dec. 4.
Vehicle brake. H. A. Perkins. 1,451,630; Apr. 10.
Vehicle brake. F. H. Royce. 1,466,549; Aug. 28.
Vehicle brake. H. Vanderbeek. 1,472,444; Oct. 30.
Vehicle brake. R. A. Whittingham. 1,476,314; Dec. 4.
Vehicle brake apparatus. R. P. Daigle. 1,441,145; Jan. 2.
Vehicle brake, Automatic. J. D. Workman. 1,456,416; May 22.
Vehicle brake device. G. S. Lane. 1,453,509; May 1.
Vehicle brake mechanism. W. J. McGoldrick. 1,445,698; Feb. 20.
Vehicle brake, Quick-stop emergency. J. Hochman. 1,451,336; Apr. 10.
Vehicle buffer. G. A. Lyon. 1,476,342; Dec. 4.
Vehicle buffer device. G. A. Lyon. 1,457,532; June 5.
Vehicle buffer device. G. A. Lyon. 1,466,882; Sept. 4.
Vehicle bumper. C. C. Himes. 1,473,371; Nov. 6.
Vehicle bumper. J. A. Nomicos. 1,454,133; May 8.
Vehicle bumper. E. Plante. 1,448,504; Mar. 13.
Vehicle bumper and fender. G. Reichstetter, jr., and O. E. Reichardt. 1,468,869; Sept. 25.
Vehicle bumper, Motor-. W. J. Koester and J. D. Foster. 1,464,321; Aug. 7.
Vehicle bumpers and bumper brackets, Attachment device for. W. G. Cox. 1,445,005; Feb. 13.
Vehicle, Camping. H. A. Cress, jr. 1,476,239; Dec. 4.
Vehicle, Chain-track. W. Turnbull. 1,450,466; Apr. 3.
Vehicle chassis. E. H. Sherbondy. 1,452,532; Apr. 24.
Vehicle, Child's. C. E. Baker. Des. 62,769; July 31.
Vehicle, Child's. L. D. Barr. 1,445,472; Feb. 13.
Vehicle, Child's. P. H. Brandes. 1,449,163; Mar. 20.
Vehicle, Child's. J. J. Bukolt. 1,444,656; Feb. 6.
Vehicle, Child's. E. M. Finch. 1,464,414; Aug. 7.
Vehicle, Child's. J. Gedeon and W. Miller. 1,468,346; Sept. 18.
Vehicle, Child's. W. Klinge. 1,477,830; Dec. 18.
Vehicle, Child's. C. E. Masters. 1,445,338; Feb. 13.
Vehicle, Child's. E. M. McClure and J. O. McMurphy. 1,443,424; Jan. 30.
Vehicle, Child's. C. M. McCormick. 1,444,320; Feb. 6.
Vehicle, Child's. C. J. Mettler. 1,472,611; Oct. 30.
Vehicle, Child's. J. H. and J. R. Parsons. 1,443,037; Jan. 23.
Vehicle, Child's. E. L. Pearson. Des. 62,173; Apr. 3.
Vehicle, Child's. J. J. Rohan. 1,448,817; Mar. 20.
Vehicle, Child's. A. W. Stuart and J. W. O'Connor. 1,472,375; Oct. 30.
Vehicle, Child's. L. M. Weber. 1,450,397; Apr. 3.
Vehicle, Child's. E. Winkler. 1,447,743; Mar. 6.
Vehicle clutch control, Motor-. J. Wasserman. 1,475,909; Nov. 27.
Vehicle, Coasting. W. T. Wood. 1,462,312; July 17.
Vehicle, Collapsible. W. E. McLaren. 1,449,827; Mar. 27.
Vehicle construction. J. S. Parenti. 1,478,860; Dec. 25.
Vehicle construction, Cushion connection for. A. F. Masury and A. H. Leipert. 1,472,371; Oct. 30.
Vehicle control, Electric-. K. Probst. 1,474,942; Nov. 20.
Vehicle control, Motor-. C. S. Orton. 1,465,480; Aug. 21.
Vehicle controlling switch, Motor-. H. Gottesman. 1,447,946; Mar. 6.
Vehicle, Convertible. A. J. Kelly. 1,459,371; June 19.
Vehicle, Convertible. E. S. McMillen. 1,447,393; Mar. 6.
Vehicle, Convertible. F. Rist. 1,454,861; May 15.
Vehicle, Convertible child's. J. J. and G. K. Abrahams. 1,449,255; Mar. 20.
Vehicle curtain. C. A. Zahn. 1,454,098; May 8.
Vehicle differential, Motor. J. D. Hall. 1,442,943; Jan. 23.
Vehicle direction indicator. J. B. Chrabkow; 1,448,257; Mar. 13.
Vehicle direction indicator. R. J. Ellis. 1,475,807; Nov. 27.
Vehicle direction indicator. W. Klabunda. 1,443,956; Feb. 6.
Vehicle direction indicator. F. Koppenhafer. 1,458,711; June 12.
Vehicle direction indicator. C. R. Krone. 1,469,090; Sept. 25.
Vehicle direction indicator. H. W. Lundquist. 1,478,571; Dec. 25.
Vehicle direction indicator. H. W. Spung. 1,465,494; Aug. 21.
Vehicle direction signal. W. J. Hart. 1,442,566; Jan. 16.
Vehicle direction signal and parking light. E. Voelker. 1,450,876; Apr. 3.
Vehicle door check. F. K. Eastman. 1,443,462; Jan. 30.
Vehicle door handle. L. W. Gates. 1,441,845; Jan. 9.
Vehicle door handle. F. H. Hart. 1,471,126; Oct. 16.
Vehicle door lock. L. R. Rhein. 1,451,785; Apr. 17.
Vehicle doors, Locking handle for. L. W. Gates. 1,464,315; Aug. 7.
Vehicle drawbar. W. D. Giddings. 1,469,505; Oct. 2.
Vehicle driving gear. C. E. Starr. 1,464,887; Aug. 14.
Vehicle driving mechanism. L. M. Gardiner. 1,463,687; July 31.
Vehicle, Dump-body. W. D. Lankston. 1,463,743; July 31.
Vehicle, Dumping. R. C. Bledsoe. 1,476,871; Dec. 11.
Vehicle, Dumping. A. B. Cadman. 1,460,810; July 3.
Vehicle, Dumping. T. C. Hollnagel. 1,464,935; Aug. 14.
Vehicle, Dumping. A. P. Lee. 1,467,485; Sept. 11.
Vehicle, Elevator. C. M. Au-Miller. 1,448,250; Mar. 13.
Vehicle, Endless-track. P. W. Dalrymple. 1,441,405; Jan. 9.
Vehicle, Endless-track. L. K. Davis. 1,443,871; Jan. 30.
Vehicle, Endless-track. L. K. Davis. 1,461,028; July 10.
Vehicle, Endless-track. I. Roy. 1,447,893; Mar. 6.
Vehicle, Eye protector for motor. H. W. Sellmann and E. J. Gottsacker. 1,446,936; Feb. 27.
Vehicle fender. W. G. Cox. 1,458,276; June 12.
Vehicle fender. L. Grella. 1,453,273; May 1.
Vehicle fender. F. Pelosi. 1,450,449; Apr. 3.
Vehicle fender. J. Whitaker. 1,442,546; Jan. 16.
Vehicle fender and bumper, Combined. W. Jaeger. 1,474,263; Nov. 13.
Vehicle fender, Motor-. M. H. Moses. 1,443,085; Jan. 23.
Vehicle for tilling purposes, Mixed-driving windless. A. Petit. 1,457,548; June 5.
Vehicle frame. R. M. Lovejoy. 1,469,310; Oct. 2.
Vehicle frame. C. A. Wales. 1,475,328; Nov. 27.
Vehicle frame. C. A. Wales. 1,475,330; Nov. 27.
Vehicle frame. C. A. Wales. 1,475,332; Nov. 27.
Vehicle frame and spring suspension. W. C. Durant. 1,475,941; Dec. 4.
Vehicle frame suspension. L. R. Gruss. 1,470,972; Oct. 16.
Vehicle frame suspension. T. Wilson. 1,458,092; June 5.
Vehicle gate. J. W. Gibbons. 1,476,896; Dec. 11.
Vehicle guard, Motor-. J. W. Jones. 1,472,005; Oct. 23.
Vehicle handhold. T. K. Jackson. 1,462,914; July 24.
Vehicle hood and curtain fastener. J. Mihalicz. 1,440,927; Jan. 2.
Vehicle hoods, Fastening device for motor-. K. Forbes. 1,451,662; Apr. 10.
Vehicle instruments, Transmission drive for motor. F. G. Whittington. 1,460,521; July 3.
Vehicle, Itinerant vending and sales. C. W. Martin and L. E. Hoffman. 1,466,539; Aug. 28.
Vehicle jack. J. Abbiuso. 1,449,802; Mar. 27.
Vehicle jack. E. I. Custer. 1,448,261; Mar. 13.
Vehicle jack. I. V. Lucas. 1,450,504; Apr. 3.
Vehicle jack. J. F. Mayer. 1,444,931; Feb. 13.
Vehicle jack. P. I. Namtvedt. 1,454,686; May 8.
Vehicle, Juvenile. M. E. Roe. 1,474,493; Nov. 20.
Vehicle knuckles, Lubrication of automotive. G. W. Carlson. 1,456,618–9; May 29.
Vehicle life guard. J. M. Beale. 1,464,594; Aug. 14.
Vehicle lifting device. E. J. Becker and R. F. Stoeser. 1,447,373; Mar. 6.
Vehicle lifting device. J. V. Cullen. 1,476,596; Dec. 4.
Vehicle light. R. E. Dewey. 1,444,831; Feb. 13.
Vehicle light. L. R. Yeager and W. M. Holmes. 1,468,655; Sept. 25.
Vehicle light, Steerable. W. I. Ingledue. 1,454,379; May 8.
Vehicle lighting device. G. H. Harvey. 1,453,226; Apr. 24.

Vehicle lighting systems, Dimmer attachment for. G. J. Smith. 1,468,756; Sept. 25.
Vehicle lock. F. A. Arnold. 1,444,161; Feb. 6.
Vehicle lock. A. Cappellari. 1,460,015; June 26.
Vehicle lock. C. A. Conger. 1,463,760; July 31.
Vehicle lock. C. to Kentrup. 1,471,962; Oct. 23.
Vehicle lock. E. Siegel. 1,445,456; Feb. 13.
Vehicle lock. W. B. Terry. 1,440,945; Jan. 2.
Vehicle locking device. H. D. Thomas. 1,443,662; Jan. 30.
Vehicle, Lumber-carrying. L. E. Knerr. 1,443,749; Jan. 30.
Vehicle, Lumber-pile. H. F. Weatherby. 1,473,894; Nov. 13.
Vehicle, Motor. F. G. Alborn. 1,441,052; Jan. 2.
Vehicle, Motor. D. W. Batterman. 1,475,781; Nov. 27.
Vehicle, Motor. E. H. Belden. 1,454,597; May 8.
Vehicle, Motor. C. M. Billings. 1,471,879; Oct. 23.
Vehicle, Motor. A. J. Borst, jr. 1,476,355; Dec. 4.
Vehicle, Motor. A. T. Brown. 1,449,649; Mar. 27.
Vehicle, Motor. H. D. Church. 1,442,049; Jan. 16.
Vehicle, Motor. H. D. Church. 1,473,140; Nov. 6.
Vehicle, Motor. S. A. Coffey and J. B. Ernsdorff. 1,454,105; May 8.
Vehicle, Motor. G. F. Eckart. 1,449,812; Mar. 27.
Vehicle, Motor. J. J. Gardner. 1,445,677; Feb. 20.
Vehicle, Motor. A. G. Grice. 1,449,816; Mar. 27.
Vehicle, Motor. E. G. Gunn. 1,473,092–3; Nov. 6.
Vehicle, Motor. E. R. Holmes. 1,450,292; Apr. 3.
Vehicle, Motor. F. Johnson. 1,447,856; Mar. 6.
Vehicle, Motor. H. B. Knap. 1,467,939; Sept. 11.
Vehicle, Motor. M. Krzewinski. 1,447,728; Mar. 6.
Vehicle, Motor. T. J. Litle, jr. 1,448,072; Mar. 13.
Vehicle, Motor. A. Macauley. 1,443,029; Jan. 23.
Vehicle, Motor. W. R. McGowen. 1,441,515; Jan. 9.
Vehicle, Motor. A. R. Meister. 1,442,352; Jan. 16.
Vehicle, Motor. A. Moorhouse. 1,442,533; Jan. 16.
Vehicle, Motor. A. Moorhouse. 1,455,169; May 15.
Vehicle, Motor. A. E. Osborn. 1,452,698; Apr. 24.
Vehicle, Motor. A. E. Osborn. 1,463,371; July 31.
Vehicle, Motor. J. S. Parenti. 1,475,138; Nov. 20.
Vehicle, Motor. K. R. Peters. 1,461,735; July 17.
Vehicle, Motor L. J. Quay. 1,446,660; Feb. 27.
Vehicle, Motor. J. J. Roth, sr. 1,473,444; Nov. 6.
Vehicle, Motor. C. R. Short. 1,441,248; Jan. 9.
Vehicle, Motor. D. G. Stanbrough. 1,457,947; June 5.
Vehicle, Motor. J. G. Vincent. 1,451,034; Apr. 10.
Vehicle, Motor. J. G. Vincent. 1,453,646; May 1.
Vehicle, Motor. F. A. Whitten. 1,441,467; Jan. 9.
Vehicle, Motor. J. W. White, jr. 1,461,715; July 10.
Vehicle, Motor-driven. S. F. Holden. 1,454,115; May 8.
Vehicle, Motor-propelled. C. E. White. 1,446,605; Feb. 27.
Vehicle, Motor road. A. A. Holle. 1,476,447; Dec. 4.
Vehicle, Motor-truck dumping. J. C. French. 1,451,018; Apr. 10.
Vehicle motors, Cut-out for. C. Vogt. 1,471,078; Oct. 16.
Vehicle, Occupant-propelled. C. Dahl. 1,454,626; May 8.
Vehicle, Occupant-propelled. N. Dupuis. 1,457,731; June 5.
Vehicle, Occupant-propelled. J. H. Parsons. 1,443,904; Jan. 30.
Vehicle, Occupant-propelled. J. Swinland. 1,443,153; Jan. 23.
Vehicle, Occupant-steered. C. Dahl. 1,451,868; Apr. 17.
Vehicle, One-step dirigible. C. A. Wales. 1,475,331; Nov. 27.
Vehicle-operated gate, Automatic. J. R. Rollman. 1,441,116; Jan. 2.
Vehicle or other power-transmission mechanism, Motor. P. O. Rowlands. 1,474,643; Nov. 20.
Vehicle outrigger. E. G. Deucher. 1,457,897; June 5.
Vehicle, Passenger. S. Gage. 1,471,151; Oct. 16.
Vehicle, Passenger. G. J. Shave. 1,457,190; May 29.
Vehicle, Power-driven implement-. J. B. Bartholomew. 1,449,137; Mar. 20.
Vehicle power jack. Z. Calhoon. 1,470,808; Oct. 16.
Vehicle propulsion means. R. B. Brown. 1,447,119; Feb. 27.
Vehicle radiators, Temperature-indicating instrument for motor-. H. H. Boyce. 1,451,527; Apr. 10.
Vehicle, Railway and tramway. H. N. Gresley. 1,459,977; June 26.
Vehicle, Rear-dumping. A. P. Lee. 1,444,382; Feb. 6.
Vehicle, Refrigerator. L. B. Olin. 1,443,498; Jan. 30.
Vehicle road illumination. R. M. Craig. 1,442,681; Jan. 16.
Vehicle roofs, Construction of. C. F. Dennis. 1,462,329; July 17.
Vehicle runner. A. Pinard. 1,478,796; Dec. 25.
Vehicle running gear. W. S. Adams. 1,449,927; Mar. 27.
Vehicle sanding apparatus. L. J. Duffner. 1,469,627; Oct. 2.
Vehicle sash construction. J. McArthur. 1,457,178; May 29.
Vehicle sash door. K. S. Baxter. 1,453,825; May 1.
Vehicle seat. F. Gahm. 1,470,004; Oct. 9.
Vehicle seat. E. Lasher. 1,457,843; June 5.
Vehicle seat. F. E. Lindsey. 1,441,815; Jan. 9.
Vehicle seat construction. F. J. Pitcole. 1,477,589; Dec. 18.
Vehicle seats, Spring mounting of. F. H. Headley. 1,476,674; Dec. 4.
Vehicle securing device. W. W. Blakely. 1,478,505; Dec. 25.
Vehicle, Self-loading. G. W. Otterson. 1,458,241; June 12.
Vehicle, Self-propelled. A. Monsen. 1,443,963; Feb. 1.
Vehicle shade, Combination. C. Hellroth and G. Carlson. 1,446,899; Feb. 27.
Vehicle shock absorber. G. Henley. 1,461,091; July 10.
Vehicle side-curtain construction. H. W. Tinker, jr. 1,462,992; July 24.
Vehicle, Side-dump. J. K. Exum. 1,456,374; May 22.
Vehicle sign. J. A. Morgan. 1,470,387; Oct. 9.
Vehicle signal. J. R. Alexander. 1,453,428; May 1.
Vehicle signal. E. Arrington. 1,465,405; Aug. 21.
Vehicle signal. S. S. Batlouney. 1,449,258; Mar. 20.
Vehicle signal. W. J. Combs. 1,465,210; Aug. 14.
Vehicle signal. T. A. Crotty. 1,453,380; May 1.
Vehicle signal. J. S. Graham. 1,458,819; June 12.
Vehicle signal. A. Hellebrand. 1,454,114; May 8.
Vehicle signal. G. M. Kent. Des. 61,954–5; Feb. 13.
Vehicle signal. E. F. McGillicuddy. 1,459,919; June 26.
Vehicle signal. P. J. Messer. 1,469,481; Oct. 2.
Vehicle signal. J. B. Phleger. 1,453,179; Apr. 24.
Vehicle signal. T. B. Powers. Re15,594; May 1.
Vehicle signal. H. C. Raymond. 1,457,460; June 5.
Vehicle signal. H. F. Taylor, jr. 1,470,127; Oct. 9.
Vehicle signal. H. E. Thayer. 1,450,993; Apr. 10.
Vehicle signal. G. F. Warner. 1,460,626; July 3.
Vehicle signal. G. J. Zeis. 1,449,480; Mar. 27.
Vehicle signal, Electrically-operated. L. McGuire. 1,450,214; Apr. 3.
Vehicle signal, Illuminated motor-. H. F. Riopelle. 1,468,079; Sept. 18.
Vehicle signal, Motor-. M. R. J. Bruine. Des. 62,390; May 22.
Vehicle signal, Motor-. J. C. Hallada. 1,443,739; Jan. 30.
Vehicle signaling device. W. J. Begley. 1,455,064; May 15.
Vehicle speed-reduction mechanism. A. E. Cook and T. Van Tuyl. 1,442,795; Jan. 23.
Vehicle spring. J. Bilan. 1,456,117; May 22.
Vehicle spring. E. Brundige. 1,453,061; Apr. 24.
Vehicle spring. G. C. Casper. 1,451,492; Apr. 10.
Vehicle spring. F. V. Cooke. Re15,586; May 1.
Vehicle spring. H. Dixon. 1,466,817; Sept. 4.
Vehicle spring. W. D. Kelly. 1,450,378; Apr. 3.
Vehicle spring. J. L. Miller. 1,467,870; Sept. 11.
Vehicle spring. H. J. Parker. 1,444,266; Feb. 6.
Vehicle spring. G. R. Richardson. 1,474,688; Nov. 20.
Vehicle spring. G. R. Sahlstrom. 1,472,682; Oct. 30.
Vehicle spring. W. E. Stanford. 1,460,987; July 3.
Vehicle spring. H. Taylor. 1,454,568; May 8.
Vehicle spring. C. W. Thompson. 1,450,654–5; Apr. 3.
Vehicle spring. C. Westergard. 1,460,298; June 26.
Vehicle spring construction. E. M. Totzke. 1,469,057; Sept. 25.
Vehicle spring lubricator. J. J. O'Brien. 1,458,590; June 12.
Vehicle spring shackle and means for lubricating same. W. H. Brown. 1,476,440; Dec. 4.
Vehicle spring, Supplementary. S. Furmidge. 1,457,518; June 5.
Vehicle spring support. H. Knoebel. 1,465,083; Aug. 14.
Vehicle spring suspensions, Stabilizer for motor-. W. R. Cochran. 1,457,498; June 5.
Vehicle springs, Cushion connection for. A. F. Masury and A. H. Leipert. 1,463,655; July 31.
Vehicle springs, Spring spreader for. G. L. E. Klingbeil. 1,472,916; Nov. 6.
Vehicle, Steam-propelled. K. C. Brown. 1,441,658; Jan. 9.
Vehicle step. C. H. Vogel. 1,464,735; Aug. 14.
Vehicle step, Disappearing. J. R. Gannon. 1,467,976; Sept. 11.
Vehicle suspension. F. E. Clemons. 1,463,574; July 31.
Vehicle suspension means. K. Hellenthal. 1,469,788; Oct. 9.
Vehicle suspension, Motor-. O. R. Dunnet. 1,477,477; Dec. 11.
Vehicle testing device, Motor-. R. A. Isenberg. 1,464,763; Aug. 14.
Vehicle theft-preventing device. E. V. Coy. 1,450,411; Apr. 3.
Vehicle tilting apparatus, Motor-. A. J. Holle. 1,456,593; May 29.
Vehicle tongue. W. B. Hughes. 1,452,876; Apr. 24.
Vehicle top. C. R. Allen. 1,470,590; Oct. 16.
Vehicle top. M. S. Baldwin. 1,477,623; Dec. 18.
Vehicle top. J. Galamb. 1,477,751; Dec. 18.
Vehicle top. C. and L. Gillig. 1,469,331; Oct. 2.
Vehicle top. E. A. Rathbun. 1,458,242; June 12.
Vehicle top. A. A. Towers. 1,452,328; Apr. 17.
Vehicle top and boat. J. A. Cowan. 1,455,994; May 22.
Vehicle top, Foldable. C. R. Allen. 1,470,589; Oct. 16.
Vehicle top, Folding. G. E. Bishop. 1,445,659; Feb. 20.
Vehicle top, Motor-. A. Morris and E. H. Houtz. 1,475,852; Nov. 27.
Vehicle tops, Bow and bow cover for. R. C. Schemmel. 1,458,781; June 12.
Vehicle tops, Stowaway side curtain for. S. G. Spurling. 1,449,630; Mar. 27.
Vehicle towing device. R. R. Cowles. 1,473,211; Nov. 6.
Vehicle towing frame. W. Lorenz. 1,478,041; Dec. 18.

Alphabetical list of inventions—Continued.

Vehicle traffic signal. R. L. Atwell. Re. 155,530; Jan. 23.
Vehicle traffic signal. R. F. Bower. 1,455,778; May 22.
Vehicle trailer. G. D. Albert. 1,442,035; Jan. 16.
Vehicle trailing device. L. Erickson. 1,462,103; July 17.
Vehicle transmission gear. P. D. Sinclair. 1,463,728; July 31.
Vehicle transmission mechanism, Motor-. J. A. Stumpenhorst. 1,451,851; Apr. 17.
Vehicle transmission, Motor-. C. M. Morrison. 1,446,392; Feb. 20.
Vehicle trunk rack. O. G. Holway. 1,452,639; Apr. 24.
Vehicle turning signal. H. Miner. 1,463,331; July 31.
Vehicle unloading apparatus. W. A. Petteys. 1,444,704; Feb. 6.
Vehicle visor. F. W. Luckel. 1,448,632; Mar. 13.
Vehicle washer. E. Muller. 1,455,349; May 15.
Vehicle washer. E. Muller. 1,474,543; Nov. 20.
Vehicle wheel. C. S. Ash. 1,442,846; Jan. 23.
Vehicle wheel. H. N. Atwood. 1,458,379–80; June 12.
Vehicle wheel. C. A. Baumler. 1,443,113; Jan. 23.
Vehicle wheel. F. O. Boswell. 1,457,142; May 29.
Vehicle wheel. T. A. Boyer. 1,451,528; Apr. 10.
Vehicle wheel. R. J. Burrows. 1,461,889; July 17.
Vehicle wheel. J. G. Callo. 1,454,466; May 8.
Vehicle wheel. W. Cambridge. 1,473,810; Nov. 13.
Vehicle wheel. M. E. Chamberlain. 1,442,047; Jan. 16.
Vehicle wheel. W. Childs. 1,450,484; Apr. 3.
Vehicle wheel. H. M. Coates. 1,442,603; Jan. 16.
Vehicle wheel. N. Cornfield. 1,451,252–3; Apr. 10.
Vehicle wheel. C. S. Crawford. 1,447,927; Mar. 6.
Vehicle wheel. G. W. Dague. 1,440,819; Jan. 2.
Vehicle wheel. C. Dahl. 1,451,867; Apr. 17.
Vehicle wheel. G. F. Deady. 1,445,008; Feb. 13.
Vehicle wheel. G. F. Deady. 1,445,492; Feb. 13.
Vehicle wheel. J. G. Feil. 1,461,978; July 17.
Vehicle wheel. T. J. Flahie. 1,458,175; June 12.
Vehicle wheel. A. Freund. 1,443,318–19; Jan. 23.
Vehicle wheel. W. S. Gauntt. 1,478,852; Dec. 25.
Vehicle wheel. A. Gerstmayr. 1,465,261; Aug. 21.
Vehicle wheel. S. L. Greene. 1,477,948; Dec. 18.
Vehicle wheel. M. E. Hanson. 1,464,479; Aug. 7.
Vehicle wheel. R. W. Harroun. 1,473,406; Nov. 6.
Vehicle wheel. J. B. Harmon. 1,452,423; Apr. 17.
Vehicle wheel. A. F. Kelly. 1,456,275; May 22.
Vehicle wheel. A. F. Kelly. 1,461,912; July 17.
Vehicle wheel. E. Kemp. 1,444,508–9; Feb. 6.
Vehicle wheel. E. Kokko. 1,451,913; Apr. 17.
Vehicle wheel. S. Kramer. 1,459,736; June 26.
Vehicle wheel. E. J. Krpata. 1,456,451; May 22.
Vehicle wheel. J. Lang. 1,455,844; May 22.
Vehicle wheel. W. C. Leonard. 1,467,180; Sept. 4.
Vehicle wheel. B. B. Lorenz. 1,454,122; May 8.
Vehicle wheel. H. O. Mainzinger. 1,454,245; May 8.
Vehicle wheel. H. L. Martin, J. G. Noah, and J. B. Boggan. 1,448,855; Mar. 20.
Vehicle wheel. A. G. Mass. 1,456,642; May 29.
Vehicle wheel. L. Mathias. 1,445,405; Feb. 13.
Vehicle wheel. F. L. Minnick. 1,467,446; Sept. 11.
Vehicle wheel. R. W. Moore. 1,440,928; Jan. 2.
Vehicle wheel. A. E. Nafe and P. E. Hawkins. 1,441,941; Jan. 9.
Vehicle wheel. V. Paz. 1,445,164; Feb. 13.
Vehicle wheel. A. L. Putnam. 1,442,442; Jan. 16.
Vehicle wheel. H. D. Rey. 1,443,717; Jan. 30.
Vehicle wheel. J. G. Rosillo. 1,467,334; Sept. 11.
Vehicle wheel. J. Salus. 1,446,932; Feb. 27.
Vehicle wheel. M. Schoeke. 1,450,610; Apr. 3.
Vehicle wheel. J. P. Seaholm. 1,472,856; Nov. 6.
Vehicle wheel. B. L. Smith. 1,471,011; Oct. 16.
Vehicle wheel. H. M. Specht. 1,470,333; Oct. 9.
Vehicle wheel. E. V. Stone. 1,470,496; Oct. 9.
Vehicle wheel. J. L. Stoltz. 1,462,128; July 17.
Vehicle wheel. W. W. Tew. 1,465,193; Aug. 14.
Vehicle wheel. L. I. Thompson. 1,467,740; Sept. 11.
Vehicle wheel. M. Van Meter. 1,456,952; May 29.
Vehicle wheel. B. F. Walker. 1,463,640; July 31.
Vehicle wheel. E. F. Waterbor. 1,453,371; May 1.
Vehicle wheel. W. G. Wilson. 1,457,013; May 29.
Vehicle wheel, Convertible. C. E. Harris. 1,448,591; Mar. 13.
Vehicle wheel, Cushioned. R. J. Balazs and H. S. Autrey. 1,453,614; May 1.
Vehicle wheel, Disk. W. E. Williams. 1,441,769; Jan. 9.
Vehicle wheel, Metallic. C. J. W. Hayes. 1,467,478; Sept. 11.
Vehicle wheel, Metallic. W. S. Mason. 1,478,291; Dec. 18.
Vehicle wheel, Metallic. J. R. Welch. 1,469,746; Oct. 2.
Vehicle wheel remover. H. Thomason. 1,468,334; Sept. 18.
Vehicle wheel repair washer. H. G. Irwin. 1,446,422; Feb. 20.
Vehicle wheel, Resilient. J. Berger. 1,449,743; Mar. 27.
Vehicle wheel, Resilient. P. Dunkel. 1,474,465; Nov. 20.
Vehicle wheel, Resilient. A. B. Fuhr. 1,470,071; Oct. 9.
Vehicle wheel, Resilient. T. S. Hallett. 1,461,483; July 10.
Vehicle wheel, Resilient. F. C. Lane. 1,465,476; Aug. 21.
Vehicle wheel, Resilient. A. T. Maltby. 1,470,089; Oct. 9.
Vehicle wheel-steering apparatus. H. W. Koehler. 1,475,122; Nov. 20.
Vehicle wheels, Antislip device for motor. R. M. Babbitt. 1,476,353; Dec. 4.
Vehicle wheels, Attachment for. J. H. Clark. 1,465,345; Aug. 21.
Vehicle wheels, Auxiliary tread for pneumatic-tired 1,477,661; Dec. 18.
Vehicle wheels, Brake tester for. C. F. Cowdrey. 1,440,970; Jan. 2.
Vehicle wheels, Brake-testing device for. C. F. Cowdrey. 1,440,971–2; Jan. 2.
Vehicle wheels, Demountable spring rim for. J. Arrenbrecht. 1,478,197; Dec. 18.
Vehicle wheels, Method of producing. H. N. Atwood. 1,477,025; Dec. 11.
Vehicle wheels, Mud shoe for. O. J. Rued. 1,441,175; Jan. 2.
Vehicle wheels, Testing apparatus for determining nonalignment of. J. F. Duby. 1,454,628; May 8.
Vehicle wheels, Traction appliance for. S. E. Broomall. 1,472,511; Oct. 30.
Vehicle wheels, Traction device for. C. C. Huston. 1,473,957; Nov. 13.
Vehicle wheels, Traction device for motor-. G. A. Purdy. 1,473,872; Nov. 13.
Vehicle window and guard. W. Roslund. 1,470,764; Oct. 16.
Vehicle windshield. H. Livingston. 1,442,624; Jan. 16.
Vehicle windshield attachment. G. N. Hein. 1,441,501; Jan. 9.
Vehicles, Advertising device for road and other. A. C. Jago and E. A. Wade. 1,478,475; Dec. 25.
Vehicles, Air-cushion bumper for motor. B. Lewandowski. 1,462,561; July 24.
Vehicles, Alarm attachment for. H. N. Bell. 1,443,723; Jan. 30.
Vehicles and other vehicles, Folding hood for motor road. G. H. Wenham. 1,476,313; Dec. 4.
Vehicles and the like, Controlling mechanism for electric. P. E. Twiss. 1,457,759; June 5.
Vehicles and the like, Folding hood for motor. G. H. Wenham. 1,473,895; Nov. 13.
Vehicles and the like, Springing of road. T. W. E. Brogden. 1,470,424; Oct. 2.
Vehicles and the like, Top for. C. R. Allen. 1,464,193; Aug. 7.
Vehicles and the like, Top for. F. K. Lewis. 1,452,975; Apr. 24.
Vehicles and the like, Top for. F. K. Lewis. 1,459,406; June 19.
Vehicles and the like, Top for. F. K. Lewis. 1,470,852; Oct. 16.
Vehicles and the like, Top for. F. K. Lewis. 1,474,047; Nov. 13.
Vehicles, Apparatus for loading motor. H. Eckertz. 1,477,212; Dec. 11.
Vehicles, Attachable bed and carrier for. J. A. Fagan. 1,474,929; Nov. 20.
Vehicles, Attachment for motor. E. B. Preston. 1,465,864; Aug. 21.
Vehicles, Attachment for motor. G. C. Shinn. 1,445,562; Feb. 13.
Vehicles, Attachment for motor. M. P. Will. 1,476,665; Dec. 4.
Vehicles, Automatic brake control for power-propelled. E. G. Staude. 1,470,701; Oct. 16.
Vehicles, Automatic brake for motor. J. Perlin. 1,448,977; Mar. 20.
Vehicles, Automatic coupling for. E. Uecker. 1,448,950; Mar. 20.
Vehicles, Automatic steering attachment for motor. G. B. Coolidge. 1,471,883; Oct. 23.
Vehicles, Automatic transmission release for motor. J. A. Hill. 1,461,121; July 10.
Vehicles, Automatically-operated road map for motor. R. C. Fulton. 1,457,358; June 5.
Vehicles, Auxiliary clutch for motor. A. Soss. 1,471,577; Oct. 23.
Vehicles, Auxiliary power carrier for. E. B. Cushman. 1,475,223; Nov. 27.
Vehicles, Auxiliary spring device for. A. Telleson and W. W. Warnock. 1,473,589; Nov. 6.
Vehicles, Auxiliary spring for motor. E. W. Little. 1,456,889; May 29.
Vehicles, Backstop for. J. Dawson. 1,464,410; Aug. 7.
Vehicles, Body and seat arrangement for motor. W. H. Emond. 1,465,729; Aug. 21.
Vehicles, Body construction for motor. A. Gravel. 1,478,387; Dec. 25.
Vehicles, Body for children's. D. A. Cameron. 1,460,944; July 3.
Vehicles, Brake and gas control for self-propelled. L. G. Sabbag and R. Anton. 1,472,993; Nov. 6.
Vehicles, Brake apparatus for motor. F. H. Morlan. 1,476,170; Dec. 4.
Vehicles, Brake control for front wheels of motor. J. Colla. 1,477,037; Dec. 11.
Vehicles, Brake for motor and road. A. J. Rowledge. 1,454,380; May 8.
Vehicles, Brake for self-propelling. F. H. Ricker. 1,470,192; Oct. 9.
Vehicles, Brake-operating mechanism for. J. Johnson 1,455,619; May 15.

Vehicles, Brake mechanism for. C. F. Folsom. 1,442,262; Jan. 16.
Vehicles, Brake mechanism for motor. F. A. Bower. 1,469,247; Oct. 2.
Vehicles, Brake mechanism for motor. P. G. Hugh. 1,470,620; Oct. 16.
Vehicles, Brake slack adjuster for railway. A. E. Hayward. 1,478,957; Dec. 25.
Vehicles, Braking system for automotive. M. Stringer. 1,465,066; Aug. 14.
Vehicles, Buffer for motor. G. A. Lyon. 1,476,343; Dec. 4.
Vehicles, Bumper for. J. C. Lawson. 1,477,067; Dec. 11.
Vehicles, Bumper for motor. F. K. Rogers. 1,456,281; May 22.
Vehicles, Bumper or fender for. F. E. Hutchings. 1,467,322; Sept. 11.
Vehicles, Casing for a signaling device for. W. C. Dierker. Des. 62,478; June 12.
Vehicles, Central buffer for short couplings of railway. E. Müller. 1,453,160; Apr. 24.
Vehicles, Chain for endless tracks for. G. J. Rackham. 1,465,483; Aug. 21.
Vehicles, Clutch and brake control on road. J. G. P. Thomas. 1,441,545; Jan. 9.
Vehicles, Clutch device for motor. M. J. B. Barbarou. 1,461,343; July 10.
Vehicles, Clutch-lever stop for motor. G. A. Bell. 1,448,105; Mar. 13.
Vehicles, Clutch lock for motor. L. A. Calame. 1,464,256; Aug. 7.
Vehicles, Clutch-pedal control for motor. F. H. Floring. 1,451,148; Apr. 10.
Vehicles, Collapsible hood or roof of. G. Baehr. 1,463,030; July 24.
Vehicles, Collapsible running board for motor. J. C. Calhoun. 1,458,519; June 12.
Vehicles, Combined bumper and fender for. C. S. Raymond. 1,443,850; Jan. 30.
Vehicles, Combined bumper and fender for motor. A. C. McCloskey. 1,477,275; Dec. 11.
Vehicles, Combined bumper and fender for motor. A. C. McCloskey. 1,466,883; Sept. 4.
Vehicles, Combined fender and spare-tire holder for. F. V. Rosenbrook. 1,458,727; June 12.
Vehicles, Combined governor and commutator support for motor. G. L. Tallman and A. A. Jones. 1,463,491; July 31.
Vehicles, Combined wheeled and endless-track. E. Rimailho. 1,447,890; Mar. 6.
Vehicles, Combined wind deflector, sunshade, and side inclosure for. C. E. Childs. 1,455,991; May 22.
Vehicles, Control mechanism of power-propelled. F. W. Lanchester. 1,478,966; Dec. 25.
Vehicles, Controlling device for motor-driven. J. Blackburn. 1,447,751; Mar. 6.
Vehicles, Convertible inclosure for. E. Lover. 1,470,689–90; Oct. 16.
Vehicles, Cooling system for motor. H. D. Jones. 1,450,442; Apr. 3.
Vehicles, Coupling device for. M. J. B. Barbarou. 1,465,294; Aug. 21.
Vehicles, Coupling for railway and like. J. Mitchell and J. C. G. Cossey. 1,471,049; Oct. 16.
Vehicles, Cover support for motor. J. Raggis. 1,471,279; Oct. 16.
Vehicles, Curtain-carrying attachment for. J. H. Boggess. 1,456.669; May 29.
Vehicles, Curtain window for. A. Maake. 1,448,851; Mar. 20.
Vehicles, Cushion wheel for motor. B. L. Smith. 1,455,453; May 15.
Vehicles, Device for extricating mud-stalled. B. D. Hobson. 1,453,011; Apr. 24.
Vehicles, Device utilizing the trepidations of. M. A. Canale and R. Frias. 1,453,972; May 1.
Vehicles, Differential drive for motor. J. L. Mapes. 1,475,307; Nov. 27.
Vehicles, Differential for motor. H. E. Briais. 1,453,909; May 1.
Vehicles, Differential for motor. J. Ross. 1,440,555; Jan. 2.
Vehicles, Direction indicator for. R. Franco and G. Ester. 1,455,331; May 15.
Vehicles, Direction indicator for. J. E. Rutherford. 1,465,287; Aug. 21.
Vehicles, Direction indicator for motor. S. H. Boitnott. 1,455,422; May 15.
Vehicles, Direction indicator for motor. R. N. McClure. 1,467,487; Sept. 11.
Vehicles, Direction indicator for motor. C. E. Morris. 1,472,186; Oct. 30.
Vehicles, Direction signal for. J. E. Walter. 1,450,930; Apr. 10.
Vehicles, Direction signal for motor. T. E. Clark. 1,478,174; Dec. 18.
Vehicles, Direction signal for motor. H. S. and D. H. Hearn. 1,463,997; Aug. 7.
Vehicles, Direction signal for motor. L. D. Windmiller. 1,446,732; Feb. 27.
Vehicles, Dirigible light for motor. S. E. Orr. 1,454,981; May 15.
Vehicles, Display sign for passenger. E. Wotton 1,452,332; Apr. 17.
Vehicles, Distance and brake reaction rod construction for motor. D. G. Roos. 1,444,037; Feb. 6.
Vehicles, Door and wall panel for. J. A. Fleckenstein. 1,469,922; Oct. 9.
Vehicles, Door curtain for. D. M. Winans. 1,464,379; Aug. 7.
Vehicles, Double-reduction drive for motor. H. D. Clarke. 1,460,532; July 3.
Vehicles, Drawbar for towing. S. W. Snyder. 1,450,759; Apr. 3.
Vehicles, Driving axle for motor. F. S. Duesenberg. 1,476.329; Dec. 4.
Vehicles, Driving wheel for motor. G. R. Walker. 1,455,943; May 22.
Vehicles, Dump body for motor. D. J. Lynch. 1,442.958; Jan. 23.
Vehicles, Dumping body for. C. A. Holt, jr. 1,445,215; Feb. 13.
Vehicles, Dumping hoist for motor. H. F. Riopelle. 1,442,095; Jan. 16.
Vehicles, Elastic suspension for. L. L. Driggs and L. L. Driggs, jr. 1,456,371; May 22.
Vehicles, Electric drive for. J. Schurch. 1,459,165; June 19.
Vehicles, Electric system for. T. L. Lee and R. H. Sullivan. 1,440,879; Jan. 2.
Vehicles, Electrical apparatus for motor. L. M. Woolson. 1,449,800; Mar. 27.
Vehicles, Electrodynamic transmission system for. H. L. Tanner. 1,458,601; June 12.
Vehicles, Elevating truck or cradle for motor. E. P. Elzey. 1,477,332; Dec. 11.
Vehicles, Emergency brake for motor. J. W. Orr. 1,470,098; Oct. 9.
Vehicles, Endless-track structure for motor-driven. W. C. Cox. 1,455,906; May 22.
Vehicles, End shield for motor. W. G. Cox. 1,458,277; June 12.
Vehicles, End shield for motor. W. G. Cox. 1,459,321; June 19.
Vehicles, etc., Locking mechanism for motor. D. C. Fisher. 1,448,836; Mar. 20.
Vehicles, etc., Spring suspension for motor. G. P. Allen. 1,452,017; Apr. 17.
Vehicles, Eyeshield attachment for motor. J. W. Primrose. 1,461,289; July 10.
Vehicles, Extensible frame for combination motor. A. E. Cook and T. Van Tuyl. 1,470,811; Oct. 16.
Vehicles, Fan control for motor. E. I. Bowe. 1,453,124; Apr. 24.
Vehicles, Fastening device for doors of motor. R. Salin, née Levy. 1,441,530; Jan. 9.
Vehicles, Fender for. R. S. Blair. 1,476,039; Dec. 4.
Vehicles, Foot accelerator for motor. W. H. Thomas. 1,443,510; Jan. 30.
Vehicles, Foot-operated accelerator for motor. J. A. Thompson. 1,471,579; Oct. 23.
Vehicles, Four-wheel drive for electric. R. Fuller. 1,467,152; Sept. 4.
Vehicles, Framework for rear-end portions of children's. J. J. Bukolt. 1,444,655; Feb. 6.
Vehicles, Front direction signal for motor. A. E. Sparrow. Des. 63,440; Dec. 4.
Vehicles, Front drive for motor. M. G. McNeely. 1,450,099; Mar. 27.
Vehicles, Front-wheel drive for motor. M. F. Ross. 1,447,572; Mar. 6.
Vehicles, Gasoline-consumption indicator for motor. H. J. Knerr. 1,459,106; June 19.
Vehicles, Gasoline filter for motor-driven. G. A. Hallauer. 1,460,241; June 26.
Vehicles, Gear selecting and shifting device for motor. J. Blackburn. 1,455,162; May 15.
Vehicles, Gear shift for motor. L. L. Leece. 1,450,745; Apr. 3.
Vehicles, Glare shield for motor. H. L. Surbeck and J. F. Perrin. 1,446,946; Feb. 27.
Vehicles, Glare screen for. J. M. Barry. 1,470,800; Oct. 16.
Vehicles, Glass-covered instrument board for motor. W. P. Hammond. 1,467,636; Sept. 11.
Vehicles, Headlight deflector for motor. J. H. Neder. 1,444,424; Feb. 6.
Vehicles, Heater for motor-propelled. C. S. Pelton. 1,453,855; May 1.
Vehicles, Heater for motor-propelled. C. S. Pelton. 1,471,312; Oct. 16.
Vehicles, Hood hook for motor. W. H. Holmes. 1,466,528; Aug. 28.
Vehicles, Hub brake for motor. W. G. Bryan. 1,453,126; Apr. 24.
Vehicles, In-motion recorder for. H. Hollingdrake and T. Lee. 1,445,214; Feb. 13.
Vehicles, Intake lock for motor. H. W. A. Fuhrmann. 1,465,924; Aug. 21.
Vehicles, Lateral dirigible light for. C. E. Stoner. 1,456,258; May 22.
Vehicles, Lateral dirigible light for. C. E. Stoner. 1,478,587; Dec. 25.
Vehicles, Lifter block for motor. B. F. Christ. 1,452,188; Apr. 17.
Vehicles, Liquid-cooling radiator for motor. E. T. Curran. 1,457,768; June 5.

Vehicles, Load-supporting means for motor. H. C. Knight. 1,470,171; Oct. 9.
Vehicles, Lock for. R. A. Mokracek. 1,444,935; Feb. 13.
Vehicles, Lock for motor. A. Gilson. 1,451,039; Apr. 10.
Vehicles, Lock for motor. K. Wekerle. 1,448,983; Mar. 20.
Vehicles, Locking device for motor. T. A. Ryan. 1,448,462; Mar. 13.
Vehicles, Locking mechanism for motor. O. A. Lucier. 1,442,487; Jan. 16.
Vehicles, Luggage carrier for motor. J. H. Wittmann. 1,463,991; Aug. 7.
Vehicles, Manual signal for. J. Spaventoy. 1,455,231; May 15.
Vehicles, Means for controlling the rebound of springs of. R. Pope. 1,455,305; May 15.
Vehicles, Means of heating and ventilating motor-driven. H. D. Shamberg. 1,446,725; Feb. 27.
Vehicles, motor boats, and aircraft, Friction driving gear for motor. R. Blakoe. 1,455,704; May 15.
Vehicles, Motor-cooling system for self-propelled. C. P. Byrnes. 1,441,211; Jan. 9.
Vehicles, Movable seat for. A. W. Chapman and F. G. L. Biddlecombe. 1,444,660; Feb. 6.
Vehicles, Novelty attachment for. H. Cave. 1,450,278; Apr. 3.
Vehicles, Oil indicator for. A. M. Thompson. 1,447,824; Mar. 6.
Vehicles, Oil-pan-supporting bracket for motor. O. E. Fishburn. 1,444,310; Feb. 6.
Vehicles, Overhead catenary suspension construction for transmitting electricity to. J. I. Comly. 1,476,052; Dec. 4.
Vehicles, Panel adjustment for inclosed motor. H. T. Thomas. 1,450,394; Apr. 3.
Vehicles, Parcel carrier for. T. C. Burwell. 1,445,292; Feb. 13.
Vehicles, particularly motor vehicles, Auxiliary spring or shock absorber for. T. H. and B. N. Rodda. 1,452,441; Apr. 17.
Vehicles, Pneumatic suspension for wheeled. A. Galbraith. 1,457,157; May 29.
Vehicles, Pneumatic suspension means for. J. O'Connor. 1,445,970; Feb. 20.
Vehicles, Pneumatic tire for. L. G. Williams. 1,457,412; June 5.
Vehicles, Power propulsion of road. W. H. Dunkley. 1,455,720; May 15.
Vehicles, Power transmission for automotive. A. Behn and J. G. Schmitt. 1,447,746; Mar. 6.
Vehicles, Power transmission for motor. E. H. Platt. 1,450,643; Apr. 3.
Vehicles, Protective ventilating screen for. B. A. Daniels. 1,461,478; July 10.
Vehicles, Radiator cap for motor. J. B. Northern. 1,471,195; Oct. 16.
Vehicles, Radiator for motor. A. P. Wolfe. 1,468,686; Sept. 25.
Vehicles, Recording apparatus for. A. F. Wallbillich. 1,458,451; June 12.
Vehicles, Recording device for motor. R. H. Kimes and O. F. Schmidt. 1,471,850; Oct. 23.
Vehicles, Regenerative braking system for electrically-driven. H. Lübeck. 1,469,264; Oct. 2.
Vehicles, Resilient bumper for motor. A. M. Malluk and J. U. Korée. 1,457,259; May 29.
Vehicles, Resilient wheels for. J. L. Donat. 1,452,291–2; Apr. 17.
Vehicles, Resilient wheel for motor and other like. T. H. Rushton. 1,466,550; Aug. 28.
Vehicles, Reversible differential gearing for. G. H. Irwin. 1,459,894; June 26.
Vehicles, Rim for wheels of. L. J. B. Fourniaud. 1,452,831–2; Apr. 24.
Vehicles, Running gear for wheeled. H. E. Austin and J. C. Cook. 1,462,255; July 17.
Vehicles, Running-time indicator for. G. A. Bush. 1,446,613; Feb. 27.
Vehicles, Safety device for motor. A. Rygiel and J. Stern. 1,456,465; May 22.
Vehicles, Safety signal for. C. M. Mead. 1,452,647; Apr. 24.
Vehicles, Sanding device for motor. B. Scharlin. 1,447,436; Mar. 6.
Vehicles, Sanding mechanism for motor. T. J. Brooks. 1,476,588; Dec. 4.
Vehicles, Seat attachment for motor. J. A. Truesdell. 1,444,014; Feb. 6.
Vehicles, Sectional bumper for motor. W. G. Cox. 1,446,617; Feb. 27.
Vehicles, Sectional radiator for motor. R. J. O'Brien. 1,477,845; Dec. 18.
Vehicles, Self-loading mechanism for. J. B. Von Canon. 1,441,314; Jan. 9.
Vehicles, Shield for motor. C. A. Longenbaugh. 1,453,685; May 1.
Vehicles, Shock absorber and rebound damper for motor road. F. Smith. 1,464,142; Aug. 7.
Vehicles, Shock-absorbing apparatus for. O. P. Edwards. 1,457,509; June 5.
Vehicles, Shock-absorbing device for. R. H. Hassler. 1,440,829–30; Jan. 2.
Vehicles, Side bumper for. J. W. Gorman. 1,470,828; Oct. 16.
Vehicles, Signal and guide light for motor. A. Parlow. 1,461,197; July 10.
Vehicles, Signal apparatus for motor. A. J. Perron. 1,454,184; May 8.
Vehicles, Signal device for. J. P. Brophy. 1,462,319; July 17.
Vehicles, Signal device for motor. R. L. French. 1,465,427; Aug. 21.
Vehicles, Signal for. E. Bednarz. 1,458,023; June 5.
Vehicles, Signal for. L. H. Ekeberg. 1,461,114; July 10.
Vehicles, Signal for. C. S. Nelson and M. E. Scannell. 1,445,407; Feb. 13.
Vehicles, Signal for automotive. A. S. Ouzoonian. 1,468,830; Sept. 25.
Vehicles, Signal for motor-driven. F. C. Drew. 1,470,155; Oct. 9.
Vehicles, Signal system for. W. W. Knight. 1,458,099; June 5.
Vehicles, Signaling apparatus for motor. L. J. Killian and E. J. Parker. 1,450,553; Apr. 3.
Vehicles, Signaling device for. W. E. Spangler. 1,449,070; Mar. 20.
Vehicles, Signaling mechanism for. C. Stern and G. F. Egan. 1,441,890; Jan. 9.
Vehicles, Six-wheel propelling mechanism for motor. J. M. Thorp. 1,471,295; Oct. 16.
Vehicles, Snubbing attachment for. C. R. Karch. 1,441,355; Jan. 9.
Vehicles, Speed-control mechanism for. H. V. Rudolph. 1,462,357–8; July 17.
Vehicles, Speed-control system for. P. J. Simmen. 1,448,466; Mar. 13.
Vehicles, Spring bumper for. G. Reichstetter, jr., and O. E. Reichardt. 1,468,868; Sept. 25.
Vehicles, Spring bumper for motor. W. G. Cox. 1,446,616; Feb. 27.
Vehicles, Spring construction for. R. M. Lovejoy. 1,443,139; Jan. 23.
Vehicles, Spring construction for. R. M. Lovejoy. 1,472,482; Oct. 30.
Vehicles, Spring shackle for. R. M. Lovejoy. 1,467,051; Sept. 4.
Vehicles, Spring-supporting shock-absorbing shackle for automotive. F. N. Sprague. 1,448,904; Mar. 20.
Vehicles, Spring suspension for. E. Frankland. 1,467,784; Sept. 11.
Vehicles, Spring suspension for. H. E. McHugh and G. M. Kelsey. 1,449,524; Mar. 27.
Vehicles, Spring suspension mechanism for. F. H. Headley. Re15,721; Nov. 13.
Vehicles, Stabilizing device for. H. Mercier. 1,446,759; Feb. 27.
Vehicles, Steadying device for. A. Barbezieux. 1,444,022; Feb. 6.
Vehicles, Steering gear for motor. H. E. Bremer. 1,453,432; May 1.
Vehicles, Steering knuckle for motor. E. H. Sherbondy. 1,452,531; Apr. 24.
Vehicles, Steering means for drawn. B. R. Bonney, 1,451,757; Apr. 17.
Vehicles, Step for motor. C. E. Duryea. 1,445,670; Feb. 20.
Vehicles, Sun and glare shade for. G. N. Hein. 1,459,180; June 19.
Vehicles, Sun shield and shade for motor. J. R. Brinck. 1,442,121; Jan. 16.
Vehicles, Support for. J. E. Hancock. 1,459,954; June 26.
Vehicles, Support for spring. E. G. Deucher. 1,461,894; July 17.
Vehicles, System for communicating with moving. L. Espenschied and H. A. Affel. 1,453,387; May 1.
Vehicles, Tail-light and license-plate holder for. O. C. Kraening and J. M. Reiter. 1,467,798; Sept. 11.
Vehicles, Tank control for motor. A. W. Hutchinson. 1,469,937; Oct. 9.
Vehicles, Tent attachment for motor. E. R. Eaton. 1,477,111; Dec. 11.
Vehicles, Theft-preventing device for motor. J. M. Bixler and A. B. Grout. 1,446,242; Feb. 20.
Vehicles, Throttle-control apparatus for motor. G. Bailhe. 1,473,754; Nov. 13.
Vehicles, Throttle pedal for motor. H. D. Forse. 1,449,390; Mar. 27.
Vehicles, tilling implements, and the like, Coupling appliance for trailer. H. E. Timmis. 1,450,526; Apr. 3.
Vehicles, Tilting steering wheel for motor-driven. P. Szydlowski. 1,476,851; Dec. 11.
Vehicles, Tool-box attachment for motor. E. O. Loveland. 1,453,362; May 1.
Vehicles, Tool box for motor. U. S Moore. 1,467,555; Sept. 11.
Vehicles, Track belt for motor. A. Kégresse. 1,460,656; July 3.
Vehicles, Traffic signal for. H. J. Collins. 1,454,726; May 8.
Vehicles, Traffic signal for motor. G. Doose and C. Gartner. 1,458,116; June 5.
Vehicles, Trail marker for motor. W. D. Russell. 1,443,718; Jan. 30.
Vehicles traveling upon railways, Frame for. H. F. E. L. Callot. 1,455,866; May 22.

Vehicles, Tread grip for the wheels of motor or tractor. J. Puech. 1,458,437; June 12.
Vehicles, trucks and the like, Crane for. A. E. Goodger. 1,464,131; Aug. 7.
Vehicles, Vacuum pumping attachment for motor. R. M. Langdon. 1,464,080; Aug. 7.
Vehicles, Variable-speed gearing for motor road and other. E. J. Wade and G. W. Jacobs. 1,450,999; Apr. 10.
Vehicles, Water pump for motor. J. L. Dabadie. 1,472,243; Oct. 30.
Vehicles, Wheel and tire for road. F. W. Lanchester. 1,458,532; June 12.
Vehicles, Wheel for road. C. Green. 1,472,593–4; Oct. 30.
Vehicles, Wheel mounting for. R. H. Brown. 1,446,243; Feb. 20.
Vehicles, Wind screen for motor. R. Colombino. 1,469,071; Sept. 25.
Vehicles, Wind screen for motor. C. G. Thomason. 1,441,043; Jan. 2.
Vehicles, Windshield for motor. E. A. Howard. 1,447,851; Mar. 6.
Vehicular extension support. P. N. Jansen. 1,471,734; Oct. 23.
Veil holder. M. A. Day. 1,475,173; Nov. 27.
Velocipede. F. A. Higgins. 1,465,435; Aug. 21.
Velocipede. F. W. Lambie. 1,470,576; Oct. 9.
Velocipede. C. Lather. 1,453,469; May 1.
Velocipede. W. Wenderhold. 1,449,643; Mar. 27.
Velocipede, Foldable. C. B. Kirschbaum. 1,474,531; Nov. 20.
Velocipede driving part. J. A. Bried. 1,469,884; Oct. 9.
Velocipedes, Front fork for. C. G. Pullin. 1,452,436; Apr. 17.
Velocipedes, Stand for. W. H. Perrigo. 1,467,908; Sept. 11.
Velocipedes, Steering head for. C. W. Bennett. 1,444,774; Feb. 13.
Velocity indicator. W. S. Pierce, jr. 1,451,923; Apr. 17.
Velour, bolivia, etc., Presser for. R. Bass. 1,453,697; May 1.
Vending machine. D. Allen. 1,460,879; July 3.
Vending device. W. D. Anderson. 1,450,829–30; Apr. 3.
Vending machine. R. S. Arthur. 1,448,249; Mar. 13.
Vending machine. M. B. Baird. 1,444,863; Feb. 13.
Vending machine. M. B. Baird and G. A. Walls. 1,460,123; June 26.
Vending machine. W. Betts. 1,460,882; July 3.
Vending machine. J. Brandt. 1,477,238; Dec. 11.
Vending machine. R. Cusick. 1,450,839; Apr. 3.
Vending machine. J. A. Duckett. 1,470,232; Oct. 9.
Vending machine. J. F. Fitch. 1,465,628; Aug. 21.
Vending machine. W. H. Gilbert. 1,461,613; July 10.
Vending machine. A. D. Grover and E. E. Barber. 1,459,504; June 19.
Vending machine. W. L. T. Hain. 1,473,230; Nov. 6.
Vending machine. P. J. Hegnes. 1,462,283; July 17.
Vending machine. E. H. Holland. 1,446,010; Feb. 20.
Vending machine. W. H. Laraway. 1,442,078; Jan. 16.
Vending machine. W. H. Laraway. 1,477,134; Dec. 11.
Vending machine. G. F. Leonhardt. 1,441,438; Jan. 9.
Vending machine. W. J. Lillis. 1,449,864; Mar. 27.
Vending machine. R. E. Meader. 1,476,266; Dec. 4.
Vending machine. J. D. Meng. 1,476,827; Dec. 11.
Vending machine. H. R. Mitchell. 1,473,828; Nov. 13.
Vending machine. F. F. Molloy. 1,464,439; Aug. 7.
Vending machine. G. E. Norris. 1,464,682; Aug. 14.
Vending machine. S. G. Thomas and R. E. Kight. 1,455,154; May 15.
Vending machine. J. H. Walter. 1,475,730; Nov. 27.
Vending machine. B. Williams. 1,453,424; May 1.
Vending machine and refrigerator, Combined bottle-. G. H. Dent. 1,446,381; Feb. 20.
Vending machine, Bottle-. J. G. Kehoe. 1,442,953; Jan. 23.
Vending machine, Coin-controlled. A. Coseglia. 1,460,574; July 3.
Vending machine, Coin-controlled. H. Giles. 1,445,015; Feb. 13.
Vending machine, Coin-controlled. H. Giles. 1,458,621; June 12.
Vending machine, Coin-controlled. H. Giles. 1,461,417; July 10.
Vending machine, Coin-controlled. H. Giles. 1,462,199; July 17.
Vending machine, Coin-controlled. H. Giles. 1,466,372; Aug. 28.
Vending machine, Coin-controlled. H. Giles. 1,476,361; Dec. 4.
Vending machine, Coin-controlled. A. D. Grover. 1,442,941; Jan. 23.
Vending machine, Coin-operated. E. Schultz. 1,451,787; Apr. 17.
Vending-machine-controlling means. B. Williams. 1,453,425; May 1.
Vending-machine housing. E. C. Booth. Des. 63,609; Dec. 25.
Vending machine, Legal-blank-. J. O. Davis and J. H. Stice. 1,445,666; Feb. 20.
Vending machine, Liquid-. F. C. Bates. 1,455,742; May 15.
Vending-machine lock. H. Wenneborg. 1,446,603; Feb. 27.
Vending machine, Merchandise-. G. M. Kuhn. 1,441,510; Jan. 9.
Vending machine, Stationery-. R. H. Morgan. 1,443,236; Jan. 23.
Vending machines, Adjustable article receiver for. D. Allen. 1,450,058; Mar. 27.
Vending machines, Coin-controlled mechanism for. A. D. Grover. 1,470,234; Oct. 9.
Vending machines, Coin-controlled mechanism for. F. Herot. 1,449,858; Mar. 27.
Vending machines, Means for heating the contents of. C. L. Paine. 1,460,979; July 3.
Vending rack. W. J. Ashton. 1,458,510; June 12.
Veneer, Agglutinant for. P. Schrot. 1,460,341; June 26.
Veneer board and making same. F. W. Adams. 1,476,570; Dec. 4.
Veneer-cutting-machine spur bit and block. R. H. Foard. 1,459,587; June 19.
Veneer-cutting machines, lathes, cutting machines, and the like, Feed device for. E. S. D. von Segebaden. 1,449,798; Mar. 27.
Veneer jointers and the like, Variable feed for. O. C. Fenlason. 1,440,383; Jan. 2.
Veneer-taping machine. J. Black. 1,443,784; Jan. 30.
Veneered lumber, Manufacturing. B. C. Rockwell. 1,446,810; Feb. 27.
Ventilated seat, Portable. H. P. Childress. 1,455,239; May 15.
Ventilating, heating, cooling, and shade apparatus for rooms. J. Lawrence. 1,467,005; Sept. 4.
Ventilation system. K. Baumann. 1,453,333; May 1.
Ventilating system. W. G. Forcier. 1,440,384; Jan. 2.
Ventilation system. W. B. Glisson. 1,450,771; Apr. 3.
Ventilation system. J. E. Jolley. 1,453,367; May 1.
Ventilation system. J. K. Pennington. 1,448,149; Mar. 13.
Ventilating system. D. G. Roos. 1,452,313; Apr. 17.
Ventilation system. J. Smillie. 1,453,328; May 1.
Ventilator: *See*—
Adjustable ventilator.
Automobile ventilator.
Car ventilator.
Cowl ventilator.
Kitchen ventilator.
Milk-can ventilator.
Radiator ventilator.
Receptacle ventilator.
Rotary ventilator.
Toilet ventilator.
Window ventilator.
Window and ventilator.
Windshield ventilator.
Ventilator. G. W. Bender. 1,469,577; Oct. 2.
Ventilator. M. T. Buckley. 1,457,298; June 5.
Ventilator. F. Calabrese. 1,470,685; Oct. 16.
Ventilator. J. O. J. Edin. 1,441,070; Jan. 2.
Ventilator. F. Engel. 1,451,538; Apr. 10.
Ventilator. G. Enkler. 1,472,967; Nov. 6.
Ventilator. O. Henriksen. 1,470,262; Oct. 9.
Ventilator. O. A. Hollis. 1,443,263; Jan. 23.
Ventilator. T. Horn. 1,468,160; Sept. 18.
Ventilator. T. A. Jenkins. 1,462,343; July 17.
Ventilator. G. C. Jordan. 1,456,381; May 22.
Ventilator. W. M. Lange. 1,467,901; Sept. 11.
Ventilator. F. J. Matchette. 1,447,803; Mar. 6.
Ventilator. T. I. Moen. 1,451,884; Apr. 17.
Ventilator. A. Pajalic. 1,447,319; Mar. 6.
Ventilator. H. Respess. 1,449,294; Mar. 20.
Ventilator. J. K. Robinson. 1,469,022; Sept. 25.
Ventilator. J. K. Robinson. 1,475,317; Nov. 27.
Ventilator. F. D. Sammes. 1,450,819; Apr. 3.
Ventilator. C. V. Swanson. 1,471,811; Oct. 23.
Ventilator. G. C. Walker. 1,462,924; July 24.
Ventilator. A. Wenger. 1,478,312; Dec. 18.
Ventilator, Adjustable. G. P. Heath. 1,469,011; Sept. 25.
Ventilator for windows, Storm. S. W. Hamme. 1,465,265; Aug. 21.
Ventilators. W. B. Braucher. 1,457,959; June 5.
Vermiculated work, Producing. J. H. Delaney. 1,468,343; Sept. 18.
Vermin-exterminating structure, Plant-. J. M. Jordan. 1,462,861; July 24.
Vermin-killing device for plants. J. W. Furman. 1,470,436; Oct. 9.
Vernier adjuster. H. T. Smith. 1,450,566; Apr. 3.
Vessel. K. G. Hanhart. 1,462,543; July 24.
Vessel, Dispensing. B. N. Wells. 1,454,803; May 8.
Vessel, Drinking. G. F. Davison. 1,469,036; Sept. 25.
Vessel, Electrically-heated. A. Steinhardt. 1,442,910; Jan. 23.
Vessel, Insubmergible. M. Tworski. 1,448,607; Mar. 13.
Vessel locating and recovering means. J. T. Bishop. 1,459,714; June 26.
Vessel, Marine or like. L. Ghinelli. 1,468,903; Sept. 25.
Vessel, Metallic. G. F. Hauf. 1,448,344; Mar. 13.
Vessel propelled by gas discharged below the water level. H. A. J. de Bijll Nachenius. 1,475,393; Nov. 27.
Vessel, Reenforced-concrete. J. T. Simpson. 1,457,006; May 29.
Vessel seal. W. L. Clark and W. J. Hawkins. 1,473,280; Nov. 6.
Vessel, Sectional. P. A. J. M. Constan. 1,458,134; June 12.
Vessel, Submarine salvage. J. C. Setlow. 1,450,232; Apr. 3.
Vessel, Submarine war. K. Dougan. 1,467,611; Sept. 11.

Alphabetical list of inventions—Continued.

Vessels and device for sealing the same, Closure for. B. Van Leer. 1,446,361; Feb. 20.
Vessels, Combined cover and spout for. J. E. Meed. 1,470,693; Oct. 16.
Vessels, Control apparatus for evacuated. W. G. Housekeeper. 1,465,394; Aug. 21.
Vessels, Course drafter for marine and aeronautic. R. H. Schachenmeier. 1,458,957; June 19.
Vessels, Insulated handle for. H. J. Clulee. 1,444,493; Feb. 6.
Vessels, Machine for feeding. E. Nordstrom. 1,452,843; Apr. 24.
Vessels, Means for salvaging. E. A. Clark. 1,453,918; May 1.
Vessels, Mechanism for propelling. E. G. Dary and A. P. Clute. 1,455,716; May 15.
Vessels, Method of and means for propelling and controlling. T. S. Tulloch. 1,461,691; July 10.
Vessels propelled by gas discharged below the water level, Braking device for. H. A. J. de Bijll Nachenius. 1,442,522; Jan. 16.
Vessels, Propeller for. C. M. Motte. 1,441,519; Jan. 9.
Vessels, Propeller for. C. M. Motte. 1,454,180; May 8.
Vessels, Rotating scraper for cleaning the skin of. A. J. F. Lee. 1,456,386; May 22.
Vessels, Salvage apparatus for raising sunken. A. F. Andersen. 1,468,622; Sept. 25.
Vessels, Suspension means for. B. Schilling. 1,474,645; Nov. 20.
Vest. P. E. Heim. 1,460,416; July 3.
Veterinary instrument. J. Emonts. 1,476,500; Dec. 4.
Vial-bottoming machine. R. Koenig. 1,455,056; May 15.
Vibrating screen. J. J. Babka. 1,448,181; Mar. 13.
Vibrating screen. B. A. Mitchell. 1,459,837–40; June 26.
Vibrating screen. B. A. Mitchell. 1,459,843–4; June 26.
Vibrating screen. B. A. Mitchell. 1,459,846; June 26.
Vibration detector. J. P. Maxfield. 1,463,830; Aug. 7.
Vibration detector. C. R. Moore. 1,460,032; June 26.
Vibration-recording apparatus. B. Liebowitz. 1,473,911; Nov. 13.
Vibrations into electrical vibrations, Means for transforming mechanical. L. de Forest. Re. 15,540; Feb. 13.
Vibrations, Method of and means for production of sonorous. M. L. Severy. 1,464,729; Aug. 14.
Vibrator, Differential. B. A. Mitchell. 1,459,847; June 26.
Vibrator, Hand. E. E. Ziegler. 1,446,491; Feb. 27.
Vibrator hook. J. T. Stoney and K. Purwin. 1,447,694; Mar. 6.
Vibrator, Massage. L. Hermann. 1,454,511; May 8.
Vibrator, Therapeutic. P. W. Hoffmann. 1,455,291; May 15.
Vibratory cutter. A. C. Reid. 1,446,211; Feb. 20.
Vibratory tool. E. P. Dieterle. 1,453,831; May 1.
Vibrometer. W. W. Gowin. 1,467,373; Sept. 11.
Vine trellis. E. S. Weddle. 1,440,946; Jan. 2.
Vinegar, Apparatus for the manufacture of. C. L. Hinkle. 1,477,957; Dec. 18.
Vinegar, Manufacture of. J. D. Monroe. 1,459,513; June 19.
Vinegar stock into vinegar generator, Means for feeding. E. G. and J. A. Pfahl. 1,468,394; Sept. 18.
Vinyl halides, Manufacturing of. H. Plauson. 1,445,168; Feb. 13.
Violet-ray generators, Casing for. W. G. Shelton. Des. 63,203; Oct. 30.
Violin. J. Altmeier. 1,457,415; June 5.
Violin. A. Braun. 1,475,423; Nov. 27.
Violin. L. Kozelek. Des. 62,104–7; Mar. 20.
Violin. H. A. S. Stahl. Des. 63,379; Nov. 27.
Violin attachment. C. C. Fousse. 1,446,038; Feb. 20.
Violin bridge. B. Helke. 1,470,734; Oct. 16.
Violin bows. Device for adjusting. C. Sampietro. 1,449,298; Mar. 20.
Violin chin rest. G. W. Dittmann. 1,473,672; Nov. 13.
Violin, Diaphragm. J. Kalaf, jr. 1,455,916; May 22.
Violin finger board. A. Shaeffer. 1,472,943; Nov. 6.
Violin peg. J. Lindstrom. 1,443,486; Jan. 30.
Violin-sound-post setter. C. H. Todd. 1,466,681; Sept. 4.
Violin support. G. E. Boyd. 1,477,030; Dec. 11.
Violins, Machine for the purpose of breaking in or seasoning. M. H. Flydal. 1,467,576; Sept. 11.
Violins, Shoulder rest for. O. S. Colbentson. 1,455,992; May 22.
Violins, String tensioner for. E. F. Hafelfinger. 1,476,712; Dec. 11.
Viscera and head inspection table. A. O. Lundell. 1,445,632; Feb. 20.
Viscose, Production of lasting masses made from. H. Gassmann. 1,447,465; Mar. 6.
Viscosimeter. C. R. Rode. 1,459,262; June 19.
Viscosimeter, Capillary. H. E. R. Vogel. 1,467,461; Sept. 11.
Viscosimeters, Adjustable temperature bath for. W. Claypoole. 1,442,858; Jan. 23.
Vise. H. R. Bothwell. 1,454,993; May 15.
Vise. F. Danielson. 1,456,365; May 22.
Vise. M. Dean. 1,469,454; Oct. 2.
Vise. O. C. Kerns. 1,457,307; June 5.
Vise. A. Strand. 1,442,633; Jan. 16.
Vise. W. Sury. 1,453,207; Apr. 24.
Vise and vise jaw, Universal. W. G. Blomstran. 1,459,717; June 26.
Vise, Bench. L. P. Blot. 1,452,062; Apr. 17.
Vise, Bench. J. A. Quinlan. 1,452,847; Apr. 24.
Vise, Carpenter's sash and door. C. A. Krohne. 1,446,309; Feb. 20.
Vise, Combination hand. A. W. Amsden and W. D. Starrett. 1,473,946; Nov. 13.
Vise, Hand. A. Schwager. 1,473,880; Nov. 13.
Vise, Locksmith's. T. E. Elzy. 1,475,058; Nov. 20.
Vise, Parallel. J. Ehrenfechter. 1,458,619; June 12.
Vise, Parallel. G. Gampe. 1,441,413; Jan. 9.
Vise, Quick-action. J. Anderson. 1,475,618; Nov. 27.
Vise, Quick-action. P. H. D. Walker and L. L. Turner. 1,451,724; Apr. 17.
Vision device, Clear-. V. T. Faubert, J. Anekee, and C. L. Young. 1,473,029; Nov. 16.
Visor, Windshield. J. W. Davis. 1,460,313; June 26.
Vitamine solution. I. F. Harris. 1,474,029; Nov. 13.
Vitamines, Obtaining. L. A. Agopian. 1,468,251; Sept. 18.
Vitreous product and the manufacture thereof. P. B. Crossley. Re15,727; Dec. 4.
Vitreous stopper, Cushioned. V. S. Johnson. 1,476,820; Dec. 11.
Voicing apparatus. A. A. Gerling. 1,447,162; Feb. 27.
Voile fabric, Flocked. E. B. Vandergaw and J. Meinrich. Des. 63,092–3; Oct. 2.
Voile fabric, Flocked. E. B. Vandergaw. Des. 63,339–43; Nov. 20.
Voile fabric, Flocked. E. B. Vandergaw and J. Heinrich. Des. 63,510–19; Dec. 11.
Volatile matter, Apparatus for extracting. C. Postel. 1,458,357; June 12.
Volatile substances to the human body, Apparatus for applying. G. Madaus. 1,472,032; Oct. 23.
Voltage attachment, Low-. M. McCright. 1,441,233; Jan. 9.
Voltage control, System of. L. S. Uphoff. 1,452,857; Apr. 24.
Voltage indicator, Maximum. M. Sultzer. 1,461,790; July 17.
Voltage-regulating system. F. J. Champlin. 1,453,491; May 1.
Voltage regulator. A. F. Nesbit. 1,457,851; June 5.
Voltage-regulator mechanism. F. H. Patten. 1,460,173; June 26.
Voltage-regulator system. C. A. Boddie. 1,470,682; Oct. 16.
Voltage release switch, No-. B. E. Getchell. 1,441,796; Jan. 9.
Voltaic arc between electrodes not in contact, Means for establishing a. F. C. Ucar. 1,453,030; Apr. 24.
Voltaic cell. F. R. Parker. 1,468,574; Sept. 18.
Voting machine. J. F. Elliott. 1,474,414; Nov. 20.
Voting-machine registers, etc., Operating device for. C. H. Veeder. Re15,662; July 24.
Votive stand. M. A. Flannery. Des. 62,190; Apr. 10.
Vulcanizable composition and making the same. W. E. Gardner. 1,440,455; Jan. 2.
Vulcanization and products obtained thereby, Acceleration of. S. M. Cadwell. 1,463,794; Aug. 7.
Vulcanized products, Making. J. E. Grosjean. 1,470,442; Oct. 9.
Vulcanizer. N. M. Anderson. Re15,701; Oct. 23.
Vulcanizer. D. G. Chandler. 1,450,794; Apr 3.
Vulcanizer. J. C. Heintz. 1,477,174; Dec. 11.
Vulcanizer. C. A. Shaler. 1,459,555; June 19.
Vulcanizers, System of control for. K. B. Kilborn and W. E. Shively. 1,477,879; Dec. 18.
Vulcanizing apparatus. A. W. Herling. 1,444,789; Feb. 13.
Vulcanizing apparatus. T. Midgley. 1,445,533; Feb. 13.
Vulcanizing apparatus. E. A. Mollenhauer. 1,472,185; Oct. 30.
Vulcanizing machine. E. G. Killmer. 1,477,267; Dec. 11.
Vulcanizing press. M. B. Newcomb. 1,446,478; Feb. 27.
Vulcanizing press. C. E. Rett. 1,456,571; May 29.
Vulcanizing presses, Platen for. A. C. V. Malm. 1,443,189; Jan. 23.
Vulcanizing tool. E. L. Petit. 1,465,364; Aug. 21.
Waffle and hot-cake iron. E. N. Brown and A. M. Lambert. 1,450,277; Apr. 3.
Waffle iron. F. E. Wolcott. 1,446,532; Feb. 27.
Waffle iron, Electrical. G. F. Wells. 1,470,899; Oct. 16.
Waffle iron, Electrically-heated. W. Sickinger. 1,466,198; Aug. 28.
Waffle iron or similar article. G. E. Savage. Des. 62,851; Aug. 7.
Waffle leaves one above the other, Machine for the automatic spreading and filling of. E. Seitz. 1,475,452; Nov. 27.
Wagon. C. N. Clark. 1,474,622; Nov. 20.
Wagon. H. M. Shaw. 1,468,173; Sept. 18.
Wagon. W. E. Sherwood. 1,468,174–5; Sept. 18.
Wagon. B. B. Trombley. 1,460,290; June 26.
Wagon. E. E. Witter. 1,446,682; Feb. 27.
Wagon attachment. A. E. Bright. 1,453,910; May 1.
Wagon, Baby. F. W. Marheine. 1,445,781; Feb. 20.
Wagon bed. L. L. Moothart. 1,454,179; May 8.
Wagon body. G. W. and C. E. Goss. 1,443,468; Jan. 30.
Wagon-body brace. H. L. Barnard and C. A. Nauman, jr. 1,467,263; Sept. 4.

Wagon-body-dumping apparatus. J. Brakeley. 1,446,331; Feb. 20.
Wagon box and end gate, Combined. J. Woods. 1,475,732; Nov. 27.
Wagon-box lifter. S. H. Jones. 1,467,167; Sept. 4.
Wagon box, Telescopic. A. B. Quackenbush. 1,467,195; Sept. 4.
Wagon brake. J. C. Rogers. 1,473,518; Nov. 16.
Wagon brake, Automatic. C. J. Reasoner. 1,467,499; Sept. 11.
Wagon brake, Team-operated. J. F. Boettner. 1,465,803; Aug. 21.
Wagon, Coaster. J. J. Ryan. 1,469,821; Oct. 9.
Wagon, coaster, and scooter, Convertible child's. C. Huseman. 1,442,808; Jan. 23.
Wagon, Combined high-hoist and dump. J. Gasser. 1,452,501; Apr. 24.
Wagon, Dump. R. T. Dailey. 1,455,714; May 15.
Wagon, Dump. J. Gasser. 1,458,047; June 5.
Wagon, Dump. B. Gershovitz. 1,469,637; Oct. 2.
Wagon, Dumping. F. D. Coppock. 1,442,650; Jan. 16.
Wagon, Dumping. J. M. Guynn. 1,451,218; Apr. 10.
Wagon, Dumping. P. Krüger. 1,446,350; Feb. 20.
Wagon, Dumping. H. Mayer, G. Schlatter, and P. Boeckly. 1,472,484; Oct. 30.
Wagon, Dumping. E. W. Winans. 1,466,919; Sept. 4.
Wagon dumps, Attachment for. E. D. McCullough and A. W. Butcher. 1,467,183; Sept. 4.
Wagon, Farm. J. Long and A. J. Bass. 1,478,831; Dec. 25.
Wagon hitch. R. C. Dugan. 1,472,965; Nov. 6.
Wagon loader. G. Haiss. Re15,515; Jan. 2.
Wagon loader. L. A. Russell. 1,474,383; Nov. 20.
Wagon, Manually-propelled. A. Cleveland. 1,459,573; June 19.
Wagon, Self-discharging. K. Barth. 1,474,703; Nov. 20.
Wagon Self loading and distributing. R. Shedenhelm. 1,442,980; Jan. 23.
Wagon, Tea. T. C. Cameron. Des. 63,023; Sept. 18.
Wagon tongue and connection. R. Foerster. 1,445,076; Feb. 13.
Wagons, Dumping attachment for farm. A. F. Jansen. 1,457,575; June 5.
Wagons, End gate or tailboard for. F. X. Scherrman. 1,442,542; Jan. 16.
Wagons, Tractor hitch for. C. A. Hagadone. 1,477,345; Dec. 11.
Wagons, Wheel for coaster. H. J. Ferris. 1,459,527; June 19.
Wainscoting element. J. Kälin. 1,463,041; July 24.
Waistband. M. L. Heller. 1,452,201; Apr. 17.
Waistbelt. D. A. James. 1,476,517; Dec. 4.
Waistcoat. R. A. Langerman. 1,475,072; Nov. 20.
Walker, Baby. S. Litwin. 1,449,050; Mar. 20.
Walking apparatus for the lame. J. F. Welter. 1,446,230; Feb. 20.
Walking motion, propelling apparatus. V. G. Anderson 1,455,380; May 15.
Wall. R. L. Bendall. 1,448,613; Mar. 13.
Wall and ceiling construction. A. Groundman. 1,440,676; Jan. 2.
Wall and constructing it, Composite. W. L. Evans, jr. 1,472,642; Oct. 30.
Wall and installing same, Sheet-piling. L. B. Langworthy. 1,474,195; Nov. 13.
Wall and making same. J. S. Fluor. 1,462,934; July 24.
Wall block or member. O. H. L. Wernicke. 1,460,005; June 26.
Wall board. J. W. Wagner. 1,473,981; Nov. 13.
Wall board. H. F. Weiss. 1,461,337; July 10.
Wall board and making the same. H. A. Smith. 1,454,823; May 8.
Wall board and producing the same, Fibrous. J. H. Caffrey. 1,447,708; Mar. 6.
Wall board, Apparatus for the manufacture of. R. J. Johnston. 1,452,742; Apr. 24.
Wall board, Cementitious. W. Dunstan. 1,445,204; Feb. 13.
Wall board, Machine for the manufacture of. S. Cooper. 1,461,724; July 17.
Wall-board machine, Wood-core-. E. Blossfeld. 1,450,060; Mar. 27.
Wall board made from bagasse and analogous fibers. J. K. Shaw. 1,457,285; May 29.
Wall board, Making. O. L. Routt. 1,459,264; June 19.
Wall board, Redwood-bark. J. K. Shaw. 1,468,036; Sept. 18.
Wall-board seam and fastening strip. C. Betz. 1,471,442; Oct. 23.
Wall box and making the same, Double. E. W. Labombarde. 1,471,491; Oct. 23.
Wall bracket. J. R. Kearney and H. L. Johnson. 1,452,515; Apr. 24.
Wall, Collapsible. H. W. Maurer. 1,460,597; July 3.
Wall construction. H. A. Baumhover. 1,452,107; Apr. 17.
Wall construction. J. F. Booraem. 1,454,310; May 8.
Wall construction. G. C. Carson, E. Coll, and T. S. Christensen. 1,463,759; July 31.
Wall construction. W. J. Dvorak. 1,444,026; Feb. 6.
Wall construction. H. R. Kreitzer. 1,456,063; May 22.
Wall construction. A. J. Mueller. 1,456,330; May 22.
Wall construction. E. F. and T. H. Needham. 1,448,078; Mar. 13.
Wall construction. A. E. Olander. 1,465,653; Aug. 21.
Wall construction. C. V. Pierson. 1,463,021; July 24.
Wall construction. A. G. Sea. 1,444,709; Feb. 6.
Wall construction. A. Siegel. 1,467,340; Sept. 11.
Wall construction. C. O. Walper. 1,459,170; June 19.
Wall construction. C. O. Walper. 1,461,590; July 10.
Wall construction. P. D. Warner. 1,447,827; Mar. 6.
Wall construction, Building-. W. O. Johnstone. 1,472,981; Nov. 6.
Wall construction, Hollow-tile. R. S. Requa. 1,467,117; Sept. 4.
Wall construction, Packed. G. R. Dye. 1,475,570; Nov. 27.
Wall covering. M. B. Lloyd. 1,457,909; June 5.
Wall coverings in imitation of natural stone, Making. J. A. Fincke. 1,474,817; Nov. 20.
Wall facing. D. Hamilton. 1,457,523; June 5.
Wall form. P. H. Hershey. 1,444,377; Feb. 6.
Wall form. A. E. McCallum. 1,467,903; Sept. 11.
Wall foundations, Method of and means for reenforcing. J. A. Youngblood. 1,451,799; Apr. 17.
Wall hanger. J. Lally. 1,472,601; Oct. 30.
Wall, Hanging. C. S. Burtis. 1,475,539; Nov. 27.
Wall heater. H. E. Stein. 1,456,472; May 22.
Wall, Hollow. F. Eckert. 1,451,439; Apr. 10.
Wall panel. O. Anderson. Des. 63,020; Sept. 18.
Wall plug made from string or like material, Tubular. J. J. Rawlings. 1,446,432; Feb. 20.
Wall-protecting stop. T. Kiley. 1,440,783; Jan. 2.
Wall receptacles for receiving deliveries. W. J. Sloan. 1,458,200; June 12.
Wall register, Side-. C. W. Rand. 1,450,049; Mar. 27.
Wall register, Single-valve. R. A. Olson. 1,451,586; Apr. 10.
Wall slab. F. Zelko. 1,473,533; Nov. 6.
Wall socket. F. B. Miller. 1,447,515; Mar. 6.
Wall structure. J. M. Hewlett. 1,450,724; Apr. 3.
Wall structure. J. A. Lynch. 1,465,855; Aug. 21.
Wall structure. C. W. McKee. 1,445,901; Feb. 20.
Wall structure. A. B. Trowbridge and O. W. Ten Eyck. 1,474,389; Nov. 20.
Wall structures, Reenforcing form for. J. W. Bragstad. 1,448,330; Mar. 13.
Wall tie. H. H. Lampert. 1,474,046; Nov. 13.
Wall traveler, Side-. L. L. Kelly. 1,448,272; Mar. 13.
Wall traveler, Side-. L. L. Kelly. 1,449,758; Mar. 27.
Walls, Aligning brace for forms for concrete. R. A. McHale. 1,446,195; Feb. 20.
Walls, Apparatus for building. A. George. 1,460,197; June 26.
Walls, Decorating. B. Soglow. 1,475,922; Nov. 27.
Walls, Forming foundation. C. E. Wire. 1,446,681; Feb. 27.
Walls, Making. C. Menzer. 1,449,340; Mar. 20.
Wardrobe. B. Schwarze. 1,465,288; Aug. 21.
Ware rack. D. S. Albright. 1,441,718; Jan. 9.
Warm-air furnace. F. H. Wood. 1,445,122; Feb. 13.
Warming pad, Electrically-heated. G. T. Newell, jr. 1,447,031; Feb. 27.
Warmth-retaining product. H. G. G. Desmarest. 1,441,665; Jan. 9.
Warp beams, Tension-regulating mechanism for. J. Northrop. 1,466,100; Aug. 28.
Warp holder. O. and G. Tandler. 1,467,697; Sept. 11.
Warp, Method and apparatus for beaming. J. W. Sohn. 1,465,063–4; Aug. 14.
Warp roll. R. Thornton. 1,473,450; Nov. 6.
Warp stop motion. E. R. Holmes. 1,462,548 July 24.
Warper scat. A. J. Palin. 1,453,992; May 1.
Warpers, Eccentricity-preventing means for. H. D. Colman. 1,444,415; Feb. 6.
Warping machine. G. Adsit. 1,457,293; June 5.
Warping machine. B. Schram. 1,469,339; Oct. 2.
Warping machine, Stop-motion mechanism for. A. C. Mason. 1,458,189; June 12.
Warping machines, Pneumatic lint clearer for. F. B. Kenney and J. W. Sidebottom. 1,447,418; Mar. 6.
Warping machines, Stop attachment for. J. J. Roberts. 1,478,915; Dec. 25.
Warps, Machine for operating upon. H. D. Colman. 1,442,776; Jan. 16.
Warps, Machine for operating upon. H. D. Colman. 1,450,942; Apr. 10.
Wash machine. W. Jepson. 1,462,286; July 17.
Wash machine. J. F. Morris. 1,442,695; Jan. 16.
Wash wringer. T. Domoto. 1,459,444; June 19.
Washbasin attachment, Mouth. E. F. Brown. 1,456,841; May 29.
Washbasin, Sanitary. J. N. Nenonen. 1,448,975; Mar. 20.
Washbench, Folding. P. C. Mossner. 1,473,195; Nov. 6.
Washboard. D. D. Lenner. 1,465,051; Aug. 14.
Washboard. K. March. 1,464,437; Aug. 7.
Washboard. J. G. Thorstensen. 1,472,537; Oct. 30.
Washboiler. J. R. M. and B. P. Chalfant. 1,454,537; May 8.
Washboiler. A. B. and F. B. Crosier. 1,466,206; Aug. 28.
Washboiler. J. P. Mettel. 1,450,638; Apr. 3.
Washboiler. A. Small. 1,446,815; Feb. 27.
Washboiler apron, Detachable swinging. E. Geyer. 1,452,682; Apr. 24.
Washboiler attachment. R. Edgar. 1,443,173; Jan. 23.

Washer: *See*—
Roller-rubbing washer. Well-screen washer.
Vehicle washer.
Washing apparatus for fibrous materials. R. W. Cook. 1,473,209; Nov. 6.
Washing apparatus with multiple ascending currents. A. Jacquelin. 1,473,788; Nov. 13.
Washing board, Domestic. A. Shuttleworth. 1,475,454; Nov. 27.
Wall board. C. S. Bird. 1,477,532; Dec. 18.
Wall construction. M. J. Doner. 1,477,632; Dec. 18.
Wall construction. J. F. C. Lynch. 1,478,127; Dec. 18.
Wall construction, Adjustable and interchangeable form for hollow. I. J. Kuert. 1,477,065; Dec. 11.
Wall finish, Interior-. W. B. Allen. 1,477,096; Dec. 11.
Wardrobe, Built-in. C. C. White. 1,476,785; Dec. 11.
Warp and jack thread-break-stopping device. E. A. Black. 1,478,016; Dec. 18.
Warping process. C. Whitlock. 1,478,082; Dec. 18.
Washbench, Folding. H. Gillmann. 1,476,709; Dec. 11.
Washboard. M. M. Dessau. 1,478,177; Dec. 18.
Washboard clamp. L. J. Harpin. 1,477,482; Dec. 11.
Washer: *See*—
Air washer. Lock washer.
Automobile washer. Spoke-tightening washer.
Bottle washer. Tumbler washer.
Cap spindle washer. Vehicle washer.
Divided washer. Vehicle wheel repair washer.
Washer. W. S. Alexander. 1,450,625; Apr. 3.
Washer. E. H. Carpenter. 1,452,492; Apr. 24.
Washer and classifier. E. W. Davis. 1,445,007; Feb. 13.
Washer and drier, Combined. H. C. Hoting. 1,453,711; May 1.
Washer and wringer, Combined. C. W. Pierson. 1,464,045; Aug. 7.
Washing and drying machine. L. B. Hart. 1,477,443; Dec. 11.
Washing and drying machine. C. Johnson. 1,447,211; Mar. 6.
Washing and drying machine. H. B. Ross. 1,452,096; Apr. 17.
Washing and screening apparatus. R. W. Dull. 1,447,970; Mar. 13.
Washing and wet screening, Apparatus for. N. C. Christensen. 1,467,355; Sept. 11.
Washing and wringing machine attachment. T. D. Myers. 1,463,922; Aug. 7.
Washing apparatus. C. F. Bambara. 1,459,136; June 19.
Washing apparatus. E. L. Macabee. 1,465,085; Aug. 14.
Washing apparatus. H. C. Staley. 1,465,098; Aug. 14.
Washing apparatus, Air-. S. C. Cutler. 1,459,442; June 19.
Washing apparatus, Bottle-. S. Eberly. 1,446,553; Feb. 27.
Washing cans and the like, Machine for. F. F. Wolf. 1,453,738; May 1.
Washing centrifugals, Method of and means for. R. A. Steps. Re. 15,547; Feb. 20.
Washing clothes and the like, Device for. B. F. Titus. 1,458,159; June 12.
Washing compound, Hand-. A. J. Leonard. 1,441,100; Jan. 2.
Washing kit. J. Kirchmer, jr. 1,466,593; Aug. 28.
Washing machine. M. Alexander. 1,449,574; Mar. 27.
Washing machine. O. Allen, jr. 1,455,378; May 15.
Washing machine. O. Allen, jr. 1,469,980; Oct. 9.
Washing machine. J. T. Anthony. 1,459,079; June 19.
Washing machine. G. S. Blakeslee. 1,462,734; July 24.
Washing machine. G. S. Blakeslee. 1,462,735; July 24.
Washing machine. G. S. Blakeslee. 1,469,207; Oct. 2.
Washing machine. S. R. Boardman. 1,471,234; Oct 16.
Washing machine. S. B. Caldwell. 1,466,204; Aug. 28.
Washing machine. B. P. and W. J. Churchill. 1,447,760; Mar. 6.
Washing machine. H. S. Craver. 1,456,052–3; May 22.
Washing machine. W. C. F. Dietz. 1,455,719; May 15.
Washing machine. F. Fenselau and G. W. Thompson. 1,462,854; July 24.
Washing machine. J. Q. A. Fleming. 1,447,017; Feb. 27.
Washing machine. W. F. Fraser. 1,459,881; June 26.
Washing machine. A. Graydon. 1,466,397; Aug. 28.
Washing machine. L. Gschwind. 1,441,276; Jan. 9.
Washing machine. Z. C. Haberman. 1,459,728; June 26.
Washing machine. A. K. Hanson. 1,462,911; July 24.
Washing machine. G. E. Hawk. 1,454,384; May 8.
Washing machine. A. F. Hecht. 1,465,517; Aug. 21.
Washing machine. H. C. Hirschy. 1,464,362; Aug. 7.
Washing machine. D. V. Howell. 1,445,766; Feb. 20.
Washing machine. A. Humberger. 1,463,016; July 24.
Washing machine. C. M. Huntington. 1,469,837; Oct. 9.
Washing machine. T. Inaki. 1,461,354; July 10.
Washing machine. W. Jepson. 1,444,687; Feb. 6.
Washing machine. H. A. Kaufle. 1,474,041; Nov. 13.
Washing machine. C. B. Kavanaugh. 1,476,081; Dec. 4.
Washing machine. J. J. Kenyon. 1,454,174; May 8.
Washing machine. E. L. Kerrigan. 1,464,611; Aug. 14.
Washing machine. R. L. Kincaid. 1,461,914; July 17.
Washing machine. J. H. Kintzele. 1,451,547; Apr. 10.
Washing machine. J. B. Kirby. 1,447,420; Mar. 6.
Washing machine. O. P. Koebel. 1,465,444; Aug. 21.
Washing machine. D. F. Lane. 1,451,513; Apr. 10.
Washing machine. B. E. Litot. 1,471,667; Oct. 23.
Washing machine. T. Litwiller and J. Leader. 1,460,203; June 26.
Washing machine. C. E. Luttrell. 1,441,816; Jan. 9.
Washing machine. R. Madsen. 1,459,835; June 26.
Washing machine. L. Maples. 1,446,980; Feb. 27.
Washing machine. L. V. Martel and P. Methot. 1,474,277; Nov. 13.
Washing machine. C. E. McCoy. 1,473,112; Nov. 6.
Washing machine. B. S. McCutchen. 1,473,489; Nov. 6.
Washing machine. E. Molnar. 1,474,280; Nov. 13.
Washing machine. V. Montalto. 1,458,235; June 12.
Washing machine. O. Nelson. 1,451,447; Apr. 10.
Washing machine. L. C. Porterfield. 1,476,178; Dec. 4.
Washing machine. E. J. Rapps. 1,458,358; June 12.
Washing machine. F. K. Renner and E. C. Pfaff. 1,457,750; June 5.
Washing machine. W. N. Rettinger. 1,468,399; Sept. 18.
Washing machine. H. B. Ross. 1,452,097; Apr. 17.
Washing machine. A. H. Sacksteder. 1,453,606; May 1.
Washing machine. A. C. Schmelzer. 1,451,180; Apr. 10.
Washing machine. A. C. Schmelzer. 1,452,710; Apr. 24.
Washing machine. A. C. Schmelzer. 1,466,192; Aug. 28.
Washing machine. L. L. Schomo. 1,447,899; Mar. 6.
Washing machine. F. Simonye. 1,450,393; Apr. 3.
Washing machine. H. F. Snyder. 1,461,632; July 10.
Washing machine. J. D. Standefer and J. H. Stidham. 1,469,541; Oct. 2.
Washing machine. C. F. Staples. 1,477,780; Dec. 18.
Washing machine. M. Stevenson. 1,446,402; Feb. 20.
Washing machine. R. L. Swartz. 1,447,607; Mar. 6.
Washing machine. A. Tauscher. 1,477,854; Dec. 18.
Washing machine. R. D. Tittle. 1,445,859; Feb. 20.
Washing machine. W. H. Thompson. 1,458,254; June 12.
Washing machine. C. T. Tunnicliffe. 1,470,702; Oct. 16.
Washing machine. W. H. Voss. 1,473,130; Nov. 6.
Washing machine. M. Wagner. 1,459,607; June 19.
Washing machine. D. M. Wenger. 1,444,993; Feb. 13.
Washing machine. H. L. Wheeler. 1,451,604; Apr. 10.
Washing machine. F. Wilson. 1,468,588; Sept. 18.
Washing machine. R. A. Workman. 1,446,534; Feb. 27.
Washing machine adaptable to set tubs, Portable power. R. A. Cushing. 1,459,016; June 19.
Washing-machine agitator. W. C. F. Dietz. 1,465,036; Aug. 14.
Washing machine, Bottle-. E. F. Mangold. 1,441,290; Jan. 9.
Washing machine, Clothes. F. A. Adams. 1,470,671; Oct. 16.
Washing-machine cylinder. G. A. Oberg. 1,472,434; Oct. 30.
Washing machine, Cylinder. G. Slider. 1,470,245; Oct. 9.
Washing-machine frame. W. H. Huenergardt. 1,450,808; Apr. 3.
Washing-machine gearing. B. C. White. 1,444,091; Feb. 6.
Washing-machine indicator. J. Anderson. 1,441,821; Jan. 9.
Washing machine, Receptacle-. V. Medici. 1,475,850; Nov. 27.
Washing machine, Rotary. F. Guay. 1,457,160; May 29.
Washing-machine tub. J. J. Wood. 1,443,197; Jan. 23.
Washing machines, Agitator for. P. F. Schneider. 1,478,182; Dec. 18.
Washing machines, Attachment for. F. Henson. 1,456,271; May 22.
Washing machines, Automatic clutch-shifting mechanism for. P. Makowski. 1,462,974; July 24.
Washing machines, Automatic control device for. H. W. Hubers. 1,457,367; June 5.
Washing machines, Can-turning device for. W. R. Johnston. 1,470,533; Oct. 9.
Washing machines, Cover drain for. J. S. Lapham. 1,440,473; Jan. 2.
Washing machines, Clutch for. W. J. Conlon. 1,453,129; Apr. 24.
Washing machines, Dolly for. C. C. Unruh. 1,459,483; June 19.
Washing machines, Driving mechanism for. A. W. Altorfer. 1,460,191; June 26.
Washing machines, Driving mechanism for. T. W. Behan and H. W. Doughty. 1,476,792; Dec. 11.
Washing machines, Driving mechanism for. W. J. Conlon and W. F. Moran. 1,440,530; Jan. 2.
Washing machines, Driving mechanism for. B. E. Getz. 1,464,471; Aug. 7.
Washing machines, Driving mechanism for. H. E. Williamson. 1,475,913; Nov. 27.
Washing machines, Drum for. W. G. Wagenhals. 1,469,975; Oct. 9.
Washing machines, Electric heater for. C. P. Russell. 1,453,640; May 1.
Washing machines, etc., Water-treating attachment for. W. E. Titus. 1,450,054; Mar. 27.
Washing machines, Gearing for. B. C. White. 1,467,214; Sept. 4.
Washing machines, Means for emptying. A. C. Burleigh and A. C. Gowing. 1,463,248; July 31.
Washing machines, Mechanism for power-driven. F. E. Robertson. 1,467,879; Sept. 11.
Washing machines, Multiple-tub. I. D. Lengel. 1,461,318; July 10.
Washing machines, Reversing mechanism for. C. K. Waite. 1,471,873; Oct. 23.

Washing machines, Safety attachment for. H. F. Kuhns. 1,473,993; Nov. 13.
Washing machines, Wringer and motor support for. N. Lombard. 1,462,939; July 24.
Washing mechanism. E. B. Spencer. 1,475,607; Nov. 27.
Washing plunger, dolly, and the like. A. Taylor. 1,466,678; Sept. 4.
Washline reel. G. J. Leber. 1,455,343; May 15.
Washstand. J. Koprowicz. 1,446,509; Feb. 27.
Washstand and bath chair, Combined stationary. G. F. Steinkamp. 1,457,470; June 5.
Washtray leg, Adjustable. H. R. Trout. 1,471,931; Oct. 23.
Washtub. M. Hagaman. 1,462,573; July 24.
Wastebasket. F. Cavenaugh. 1,443,525; Jan. 30.
Wastebasket. M. H. Connor. Des. 62,668; July 17.
Waste-burning furnace. C. Rees. 1,462,720; July 24.
Wastecan. J. Walker. 1,470,207; Oct. 9.
Waste material containing combined carbon, Treatment of liquid. J. E. Plumstead. 1,442,494; Jan. 16.
Waste mechanism. E. F. Niedecken. 1,445,101; Feb. 13.
Waste-operating mechanism. O. W. Vallier. 1,451,930; Apr. 17.
Waste outlet, Nonfreezing. E. R. Viberg. 1,451,242; Apr. 10.
Waste receptacle. J. A. Becker. 1,478,884; Dec. 25.
Waste trap. J. Kendzierski. 1,472,476; Oct. 30.
Watch. L. Albanese. 1,472,350; Oct. 30.
Watch. G. Henry. 1,449,180; Mar. 20.
Watch. J. V. Orr. 1,445,159; Feb. 13.
Watch bracelet, Combined leather and metal fabric. S. L. Lederer. Des. 62,490–1; June 12.
Watch-bracelet hook. G. A. and A. F. Guyot. 1,457,432; June 5.
Watch, Calendar. K. K. Buro. 1,442,249; Jan. 16.
Watchcase. J. Daving. 1,444,593; Feb. 6.
Watchcase. J. C. Howard. 1,475,014; Nov. 20.
Watchcase. G. J. Keller. Des. 62,733; July 24.
Watchcase. J. Lasko. 1,477,569; Dec. 18.
Watchcase. V. Ritschard. Des. 63,561; Dec. 18.
Watchcase. M. Spiro. 1,462,076; July 17.
Watchcase. A. W. Wadsworth and A. P. Conant. Des. 63,669–71; Dec. 25.
Watchcase and dial. M. A. Popiel and J. Schonholtz. 1,465,874; Aug. 21.
Watchcase bow. A. P. Conant. Des. 63,453; Dec. 11.
Watchcase crystal. A. W. Wadsworth. 1,446,952; Feb. 27.
Watchcase dial. A. P. Conant. 63,454; Dec. 11.
Watchcase filler ring. A. L. Stearns and A. W. Hofmann. 1,469,735; Oct. 2.
Watchcase or similar article of manufacture. M. Seiger. Des. 62,195–6; Apr. 10.
Watch casing, Wrist-. G. Bastheim. Des. 62,598; July 3.
Watch-chain holder. G. Stiegler. 1,457,716; June 5.
Watch chains, Swivel hook for. H. J. Schitterer. 1,450,264; Apr. 3.
Watch charm and the like. J. M. McLean and G. T. Munn. 1,454,127; May 8.
Watch charm chain. J. H. Henkes. 1,446,179; Feb. 20.
Watch charm, pendant, or similar article. F. R. Wentworth. Des. 62,628; July 3.
Watch-cleaning apparatus. J. H. Reatherford. 1,443,803; Jan. 30.
Watch, Convertible. S. Loeb. 1,454,322; May 8.
Watch guard. P. H. Nolting. 1,454,763; May 8.
Watch holder. A. Milné. 1,443,633; Jan. 30.
Watch-holding device. H. Muir. 1,476,211; Dec. 4.
Watchmaker's tool. J. D. Howell. 1,466,227; Aug. 28.
Watch mechanism. G. P. Mohr. 1,471,623; Oct. 23.
Watch-movement case. S. K. Ouzoun-Boghossian. Des. 62,793; July 31.
Watch-movement frame. W. W. Dudley. Des. 62,566; June 26.
Watch protector. M. M. Geto. 1,450,848; Apr. 3.
Watch ring. H. Zweig and I. Schneiderman. 1,457,014; May 29.
Watch stand and night light. J. H. Maier. 1,442,896; Jan. 23.
Watch, stem-winding and stem-setting. N. S. and S. Cooper. 1,476,494; Dec. 4.
Watch, Time-study. L. I. Yeomans. 1,476,749; Dec. 11.
Watch winding mechanism. J. A. Freund. 1,467,427; Sept. 11.
Watches and the like, Mounting attachment means for wrist. F. G. Gruen. 1,447,718; Mar. 6.
Watches, pictures, and similar articles, Ornamental stand for. M. T. Dumsha. Des. 61,974; Feb. 20.
Watches, Safety attachment for stop. H. E. Von Kersburg. 1,459,006; June 19.
Watches, Traveling case for. W. F. Grupe. 1,466,505; Aug. 28.
Watches, Winding mechanism for. F. G. Gruen. 1,473,763; Nov. 13.
Water, Apparatus for preparing artificial radio active. H. F. Savoye. 1,452,709; Apr. 24.
Water, Apparatus for walking on. A. N. Sheldon. 1,475,031; Nov. 20.
Water bag, Hot-. H. F. Dwinall. 1,445,501; Feb. 13.
Water bags, Plug for ice and hot. A. Connor. 1,471,103; Oct. 16.
Water boiler, Hot-. L. Doerr. 1,475,056; Nov. 20.
Water boiler, Hot-. F., F. H., and W. A. Engelhard. 1,471,784; Oct. 23.
Water boiler, Hot-. J. H. Wissman. 1,474,989; Nov. 20.
Water carrier. H. J. Daniel. 1,457,655; June 5.
Water-circulating system. E. T. Curran. 1,458,129; June 12.
Water-closet. D. A. Ebinger. 1,468,142; Sept. 18.
Water-closet. P. Gandillon. 1,476,244; Dec. 4.
Water closet. R. J. McLanahan. 1,447,028; Feb. 27.
Water-closet. A. P. Porter. 1,440,892; Jan. 2.
Water-closet, Siphon-action. S. C. Hill, J. M. Gibson, and J. E. Wright. 1,476,445; Dec. 4.
Water-closets and the like, Disinfector attachment for the flushing arrangement of. R. V. Farnham. 1,447,289; Mar. 6.
Water-closets and the like, Disinfector attachment for the flushing arrangements of. R. V. Farnham. 1,462,033; July 17.
Water-closets and the like, Sanitary device for. T. Bogsrud and A. R. Henricksen. 1,443,208; Jan. 23.
Water closets, Flushing device for. S. Sweeney. 1,446,773; Feb. 27.
Water-closets, Sanitary apparatus for. F. Paul. 1,461,139; July 10.
Water column and water glass, Combined. H. J. Warthen and L. Budwell. 1,444,016; Feb. 6.
Water-control system, Feed-. D. B. Morison. 1,472,931; Nov. 6.
Water-controlling device. T. Curran. 1,457,505; June 5.
Water-cooled structure, Hollow. L. L. Knox. 1,442,225; Jan. 16.
Water-cooled terminal, Self-tightening. G. M. Little. 1,453,398; May 1.
Water-cooled transformer. R. V. Bingay. 1,474,757; Nov. 20.
Water cooler. E. B. Cushman. 1,477,319; Dec. 11.
Water cooler. J. R. Kinckiner. 1,476,757; Dec. 11.
Water cooler. J. P. Kramer. 1,467,436; Sept. 11.
Water cooler. R. E. Miller. 1,468,309; Sept. 18.
Water cooler. E. P. Mull. 1,470,094; Oct. 9.
Water-cooling device, Natural. W. O. Ewinger. 1,454,470; May 8.
Water, Deoxidizing. R. G. Knowland. 1,470,084; Oct. 9.
Water, Device for heating and purifying. O. L. Fowler. 1,445,134; Feb. 13.
Water-discharge device, Adjustable. J. F. Brust. 1,467,133; Sept. 4.
Water distribution, Device for. T. De La Mare. 1,448,262; Mar. 13.
Water ejector. C. H. Metz. 1,453,613; May 1.
Water-elevating device. P. T. Nelson. 1,457,995; June 5.
Water-elevating device. M. F. Werner. 1,445,463; Feb. 13.
Water elevator. H. C. Rath. 1,458,850; June 12.
Water elevator, Compressed-air. V. Betteloni. 1,458,514; June 12.
Water filter. G. Blaufuss. 1,475,534; Nov. 27.
Water, fire, and germ proof composition. W. E. Willett. 1,454,780; May 8.
Water-flushing device. D. E. Gulick. 1,474,472; Nov. 20.
Water fountain. J. R. Blaine. 1,472,626; Oct. 30.
Water fountain for chickens. R. E. Jones. 1,454,171; May 8.
Water from coal tar, Method and apparatus for separating. P. Jaworski. 1,448,593; Mar. 13.
Water from colloidally-dissolved substances such as crude peat, coal sludge, and the like, Removal of. H. Horst. 1,455,728; May 15.
Water gate. F. L. Gay. 1,446,698; Feb. 27.
Water gate. T. Schuster. 1,450,989; Apr. 10.
Water gauge. G. S. Garren. 1,470,720; Oct. 16.
Water gauge. G. H. Sargent. 1,473,741; Nov. 13.
Water gauge and temperature indicator. F. A. Marsh. 1,449,124; Mar. 20.
Water-gauge protector. W. Kemp. 1,440,607; Jan. 2.
Water gauge, Safety. J. G. Lowden. 1,468,117; Sept. 18.
Water heater. J. Archer. 1,474,878; Nov. 20.
Water heater. J. H. Beckman. 1,473,002; Nov. 6.
Water heater. E. Carr. 1,474,762; Nov. 20.
Water heater. J. Frumveller. 1,457,773; June 5.
Water heater. H. E. Liedstrand. 1,448,136; Mar. 13.
Water heater. S. J. T. Long. 1,448,850; Mar. 20.
Water heater. F. W. Magee. 1,457,890; June 5.
Water heater. W. A. McCollough. 1,448,074; Mar. 13.
Water heater. J. W. Meyer. 1,462,611; July 24.
Water heater. G. Moorloose. 1,456,487; May 22.
Water heater. A. F. Moneuse. 1,469,803; Oct. 9.
Water heater. O. J. Moose. 1,466,142; Aug. 28.
Water heater. C. A. Olson. 1,464,954; Aug. 14.
Water heater. E. E. Rouse. 1,446,518; Feb. 27.
Water heater. F. Schorik. 1,459,164; June 19.
Water heater. W. Slesenski. 1,449,152; Mar. 20.
Water heater. J. O. Smith and J. B. Reeves. 1,441,184; Jan. 2.
Water heater. W. F. Stewart. 1,446,486; Feb. 27.
Water heater. C. Walters. 1,441,648; Jan. 9.
Water heater and control switch therefor. M. D. Dominguez. 1,475,003; Nov. 20.
Water heater, Boiler-feed-. W. Hildebrand. 1,478,855; Dec. 25.

Alphabetical list of inventions—Continued.

Water heater, Electric. W. E. Burgess. 1,474,104; Nov. 13.
Water heater, Electric. W. G. Cartter and F. W. Thompson. 1,451,671; Apr. 10.
Water heater, Electric. L. Jarkovsky. 1,474,777; Nov. 20.
Water heater, Electric. F. Joeschke. 1,445,019; Feb. 13.
Water heater, Electric. W. S. Jones. 1,462,703; July 24.
Water heater, Electric. A. Martin. 1,474,638; Nov. 20.
Water heater, Electric. O. Meyer-Keller. 1,475,645; Nov. 27.
Water heater, Electric. E. E. Sutherland. 1,472,197; Oct. 30.
Water heater, Electric hot-. A. C. Hulbert. 1,467,381; Sept. 11.
Water heater, Electrical. W. Hurst. 1,474,528; Nov. 20.
Water heater, Electrical. H. R. Montgomery. 1,440,693; Jan. 2.
Water heater for stoves. P. E. Duberg. 1,477,166; Dec. 11.
Water heater, Gas. I. Gordon. 1,474,931; Nov. 20.
Water heater, Gas. J. G. Haus. 1,457,365; June 5.
Water heater, Hot-. F. J. Walling. 1,441,899; Jan. 9.
Water heater, Immersion. F. F. Forshee. 1,477,339; Dec. 11.
Water heater, Instantaneous, hot-. H. and H. Sirot. 1,462,988; July 24.
Water heater, Kitchen-range. P. O. Patterson. 1,475,593; Nov. 27.
Water-heater mechanism. T. Muehleisen. 1,451,551; Apr. 10.
Water heater with percolator. A. M. Lockett. 1,459,408; June 19.
Water heating and circulating device. R. Greenham. 1,473,036; Nov. 6.
Water heating and degasifying apparatus. W. S. Elliott. 1,457,153; May 29.
Water-heating apparatus. A. G. Boggs. 1,465,109; Aug. 14.
Water-heating apparatus. W. S. Smith. 1,460,042; June 26.
Water-heating apparatus. H. E. Waldren. 1,458,090; June 5.
Water-heating apparatus, Gas-heated. H. J. Maladry. 1,473,859; Nov. 13.
Water-heating device. E. Chappell. 1,443,700; Jan. 30.
Water heating device, Hot-. W. E. Maines. 1,441,818; Jan. 9.
Water-heating grid. J. E. Kennedy. 1,457,372; June 5.
Water-heating system. T. H. Drynan. 1,450,796; Apr. 3.
Water-heating system, Storage. C. I. Baker. 1,441,201; Jan. 9.
Water heating systems. Electro-heat-radiating device for. T. J. Blong. 1,456,863; May 29.
Water indicator, Low-. R. L. Scoville. 1,452,173; Apr. 17.
Water in tanks, Apparatus for maintaining a substantially constant level of. H. L. Wherland. 1,463,986; Aug. 7.
Water jacket. L. C. Drefahl and W. R. Carson. 1,463,204; July 31.
Water-level controller. J. F. Kelly. 1,442,221; Jan. 16.
Water-level controller, Boiler-. J. F. Kelly. 1,455,211; May 15.
Water-level indicator. J. V. De Wald. 1,470,916; Oct. 16.
Water-level regulator, Feed-. F. Wolf. 1,470,660; Oct. 16.
Water-level signal. E. J. Leightham. 1,469,518; Oct. 2.
L. Kirschbraun. 1,469,606; Oct. 2.
Water meter. B. A. Arnaud. 1,460,880; July 3.
Water meter. G. A. Bissell. 1,477,748; Dec. 18.
Water meter. F. A. Olsen. 1,457,932; June 5.
Water meter lock. J. J. Walker. 1,473,751; Nov. 13.
Water meters, Bottom for. J. W. Calhoun. 1,440,817; Jan. 2.
Water meters, Device for grinding. O. Zachow. 1,454,009; May 1.
Water, Method and apparatus for the treatment of. J. R. McDermet. 1,442,348; Jan. 16.
Water, Method of and apparatus for softening. T. R. Duggan. Re15,618; June 15.
Water, Method of and apparatus for the purification of. W. M. Cross. 1,457,503; June 5.
Water mixer, Thermostatic. F. W. Powers and M. O. Snediker. 1,455,934; May 22.
Water motor. J. W. Carlson. 1,454,212; May 8.
Water motor. F. Chapman. 1,470,909; Oct. 16.
Water motor. G. R. Clark. 1,447,925; Mar. 6.
Water-motor. H. M. Davis. 1,467,975; Sept. 11.
Water motor. T. R. de Esparza. 1,447,764; Mar. 6.
Water motor. J. T. Johnston and J. Kincaid. 1,473,103; Nov. 6.
Water motor. J. M. Loveless and A. Levi. 1,449,426; Mar. 27.
Water motor. J. L. Walker. 1,441,955; Jan. 9.
Water of a marine engine at a relatively high temperature, Method of and means for maintaining the cooling. D. Cole. 1,448,899; Mar. 20.
Water or other liquid by compressed air, Method and means for raising. R. C. Dickson. 1,461,112; July 10.
Water pipe. T. H. King. 1,466,592; Aug. 28.
Water-pipe trap, Rain-. M. Sigman. 1,471,215; Oct. 16.
Water power. G. H. Ahlbrecht. 1,475,271; Nov. 27.
Water-power device. A. L. Franklin. 1,446,697; Feb. 27.
Water-power motor. M. I. Tuttle and L. L. Hill. 1,466,861; Sept. 4.
Water-power plant, Tidal-. A. Huguenin. 1,448,627; Mar. 13.
Water-power plant, Tidal-. A. Huguenin. 1,457,170; May 29.
Water-power stations, Regulating. O. Poebing. 1,474,086; Nov. 13.
Water-power wheel. W. Miller. 1,476,457; Dec. 4.
Waterproof adhesives, Manufacturing. S. Butterman and C. K. Cooperrider. 1,456,842; May 29.
Waterproof boot. D. Bojtos. 1,469,291; Oct. 2.
Waterproof building material. R. G. Bachman. 1,466,462; Aug. 28.
Waterproof carrying case. J. D. Kelly. 1,463,086; July 24.
Waterproof cigarette case. J. L. Raney. 1,466,548; Aug. 28.
Waterproof concrete pile. M. Blumenthal. 1,447,407; Mar. 6.
Waterproof container. W. J. Peckes. 1,468,742; Sept. 25.
Waterproof electric fitting. R. B. Benjamin. 1,478,167; Dec. 18.
Waterproof garment. W. L. Fry. 1,472,330; Oct. 30.
Waterproof overgarment. H. C. Toeppen. 1,477,856; Dec. 18.
Waterproof product and making same. C. E. Rahr and L. Kirschbaum. 1,469,606; Oct. 2.
Waterproof sheet material and making the same. H. E. Brown and J. H. Stover. 1,459,499; June 19.
Waterproof sheeting, Coated. L. Kirschbraun. 1,464,717; Aug. 14.
Waterproofed receptacles, Methods of and apparatus for producing. W. E. Benson. 1,461,024; July 10.
Waterproofing composition. A. Schmidt. 1,462,381; July 17.
Waterproofing composition and making. C. D. Shaffer. 1,441,605; Jan. 9.
Waterproofing composition and making the same. G. W. Kramer. 1,460,251; June 26.
Waterproofing element. K. Schutte. 1,448,155; Mar. 13.
Waterproofing for concrete and the product thereby produced, Making. S. B. Newberry. 1,471,410; Oct. 23.
Waterproofing process for textile fabrics, paper, and such materials. R. A. Grimoin-Sanson. 1,476,226; Dec. 4.
Water purification. W. F. Langelier. 1,465,137; Aug. 14.
Water purification, Ozone generator for. C. L. Fitz. 1,441,075; Jan. 2.
Water purifier. E. J. Brock. 1,459,820; June 26.
Water, Purifying. A. C. Spencer. 1,455,363; May 15.
Water-purifying apparatus, Mixer for ozone. H. B. Hartman. 1,471,260; Oct. 16.
Water regulator, Boiler-feed-. W. H. Lovett and A. E. Dobbs. 1,449,905–6; Mar. 27.
Water seal for containers. H. F. Leichtfuss. 1,473,302; Nov. 6.
Water service. E. Appel. 1,445,058; Feb. 13.
Water-service system, Domestic. C. E. Records. 1,460,982; July 3.
Water softener and storage tank, Combined. C. Ladd and T. G. Windes, jr. 1,466,053; Aug. 28.
Water-softening apparatus. S. B. Applebaum. 1,443,892; Jan. 30.
Water-softening apparatus. K. W. Bartlett. 1,471,718; Oct. 23.
Water-softening apparatus. J. E. Caps. 1,452,288; Apr. 17.
Water-soluble product and making the same. J. Pelc. 1,450,865; Apr. 3.
Water sterilizer and purifier, Electric. W. T. Harrell. 1,454,736; May 8.
Water-supply system. W. L. Nalley. 1,471,800; Oct. 23.
Water-supply system for dwellings and the like. C. A. Sill. 1,460,613; July 3.
Water systems, Pressure-controlled mechanism for hot-. C. T. Penton. 1,448,939; Mar. 20.
Water-tank heater, Hot-. C. E. Cole. 1,452,676; Apr. 24.
Water tower and the like. J. Dolan. 1,468,998; Sept. 25.
Water trap. J. F. Brown. 1,440,719; Jan. 2.
Water trap. G. H. Brunhoeber. 1,471,941; Oct. 23.
Water trap, Return. W. I. Staaf. 1,472,232; Oct. 30.
Water-treading apparatus. H. Meyer. 1,463,330; July 31.
Water, Treating. P. Kestner. 1,475,396; Nov. 27.
Water-tube boiler. D. E. G. Clarke. 1,455,521; May 15.
Water-tube boiler. A. D. Pratt. 1,474,162; Nov. 13.
Water-tube boiler. A. Ross. 1,475,411; Nov. 27.
Water-tube boiler. F. C. Stimmel. 1,455,597; May 15.
Water-tube boiler. J. M. Sullivan. 1,473,712; Nov. 13.
Water-tube boiler, Vertical. G. J. G. Lacey. 1,468,666; Sept. 25.
Water-tube boiler, Vertical. F. C. Stimmel. 1,459,561; June 19.
Water wheel. W. Hackett. 1,477,558; Dec. 18.
Water wheel. R. D. Kelly. 1,478,657; Dec. 25.
Water wheel. E. Oswald. 1,447,686; Mar. 6.
Water-wheel gate. L. Lyndon. 1,472,924; Nov. 6.
Water wheels, Electrically-controlled governor for. S. A. Oakley. 1,476,914; Dec. 11.
Waterer, Plant. M. W. Mattson. 1,1453,401; May 1.
Watering device. A. Belden. 1,446,493; Feb. 27.

Watering device, Stock-. E. A. Powell. 1,459,293; June 19.
Watering device, Stock-. R. F. Rasmussen. 1,452,705; Apr. 24.
Watering fountain, Combination cattle and hog. C. Long. 1,470,384; Oct. 9.
Watering fountain, Stock-. A. G. D. Krey. 1,477,223; Dec. 11.
Watering tank, Stock-. J. W. Kirby. 1,474,530; Nov. 20.
Waters, Treatment of residual. C. Bouillon. 1,476,685; Dec. 11.
Watermelon carrier. S. F. Call. 1,458,268; June 12.
Wattmeter, Induction. J. Harris. 1,469,558; Oct. 2.
Wave changer and wave meter, Combined. G. Hill. 1,450,038; Mar. 27.
Wave conductor. M. I. Pupin. 1,456,909; May 29.
Wavemeter. P. J. Armagnat. 1,460,636; July 3.
Wavemeter and similar electrical device. G. H. Stevenson. 1,448,575; Mar. 13.
Wave motor. J. Bearman. 1,446,286; Feb. 20.
Wave motor. C. E. Boone. 1,461,747; July 17.
Wave motor. R. Hinckley. 1,443,626; Jan. 30.
Wave motor. J. A. Lymburner. 1,444,693; Feb. 6.
Wave motor. W. M. Taylor. 1,471,222; Oct. 16.
Wave motor. F. I. Webb and C. S. Harrison. 1,454,801; May 8.
Wave signaling device, Carrier-. R. A. Heising. 1,444,605; Feb. 6.
Wave signaling system. W. B. Schulte. 1,471,756; Oct. 23.
Wave turner. F. H. Bullis. 1,460,844; July 3.
Waves, Method and means for signaling with high-frequency. J. R. Carson. 1,449,382; Mar. 27.
Waves, System for producing modulated. R. A. Heising. Re15,722; Nov. 13.
Waving iron, Electric. E. R. Talbot. 1,449,632; Mar. 27.
Waving signal. P. G. Heagerty. 1,463,650; July 31.
Wax from mineral-oil lubricating stock, Separating. C. H. Hapgood. 1,464,707; Aug. 14.
Wax press. G. Stinebring. 1,446,220; Feb. 20.
Wax-sheeting machine. G. H. Wilder. 1,440,858; Jan. 2.
Wax-wrapping machine. H. L. Johnson. 1,471,487; Oct. 23.
Waxer and polisher, Floor. J. G. Brooks. 1,461,723; July 17.
Weaner, Animal. W. E. Miller. 1,450,106; Mar. 27.
Weaner, Calf. G. E. Evey. 1,440,449; Jan. 2.
Weaner, Calf. E. W. Nedved. 1,461,582; July 10.
Wear plate. S. B. Campbell. 1,475,048; Nov. 20.
Wear-resisting body. N. H. Adams. 1,477,797; Dec. 18.
Weather and carpet strip, Automatic. C. L. Willis. 1,445,986; Feb. 20.
Weatherproof electric heater. L. P. Hynes. 1,458,940; June 19.
Weather strip. A. B. Beitman. 1,461,079; July 10.
Weather strip. N. B. Cannady. 1,454,210; May 8.
Weather strip. S. Dixon and A. S. Baldridge. 1,456,097; May 22.
Weather strip. J. C. Dunham. Re15,574; Apr. 10.
Weather strip. C. M. Eveleth. 1,456,633; May 29.
Weather strip. F. C. Gordon. 1,442,721; Jan. 16.
Weather strip. S. F. Haskell. 1,473,428; Nov. 6.
Weather strip. W. C. Jarmer. 1,450,921; Apr. 10.
Weather strip. L. A. Macklanburg. 1,475,640; Nov. 27.
Weather strip. L. A. Macklanburg. 1,477,225; Dec. 11.
Weather strip. G. F. Nordblad. 1,451,466; Apr. 10.
Weather strip and sash fastener, Combined. C. Cooney. 1,451,650; Apr. 10.
Weather strip, Automatic. F. Caron. 1,460,312; June 26.
Weather strip for doors. A. O. Petersen. 1,470,874; Oct. 16.
Weather strip, Metal. L. C. Zeich and R. H. G. Parker. 1,456,664; May 29.
Weather strip, Metallic. L. H. Etter. 1,474,709; Nov. 20.
Weather strip, Threshold. G. P. Rasck. 1,456,037; May 22.
Weather stripping. E. H. Berge. 1,440,368; Jan. 2.
Weather stripping. J. Yassenovsky. 1,458,094; June 5.
Weather stripping, Automatic. G. E. Marcotte. 1,478,974; Dec. 25.
Weather vane. A. Haar. Des. 62,818; Aug. 7.
Weather vane. M. R. Rumfelt. 1,467,336; Sept. 11.
Weaving machine, Reed-. M. B. Lloyd. 1,459,781; June 26.
Weaving machine, Reed-. M. B. Lloyd. 1,465,445; Aug. 21.
Weaving machines, Attachment for. D. Blombach. 1,441,962; Jan. 9.
Weaving machines or the like, Jacquard mechanism for. R. H. Weber. 1,452,771; Apr. 24.
Weaving textile fabrics, Method and apparatus for. E. Ingham. Re. 15,536; Feb. 6.
Web-handling mechanism. J. White. 1,474,748; Nov. 20.
Web rolls and other materials, Tensioning means for. W. C. Stevens. 1,455,976; May 22.
Web-severing device. C. F. Pflanze. 1,459,746; June 26.
Webbing fabric. C. A. Horton. 1,474,079; Nov. 13.
Wedding ring. C. F. Selber. Des. 62,197; Apr. 10.
Wedge. E. W. Bullard. 1,445,822; Feb. 20.
Wedge. G. W. Dickens. 1,464,974; Aug. 14.
Wedge. F. Haskel. 1,465,302; Aug. 21.
Wedge. E. Wright. 1,451,855; Apr. 17.
Wedge bolt, Telescopic nonbreakable and flexible. D. J. Thomas. 1,469,126; Sept. 25.
Wedge for use in wood rolls and the like. C. C. Harris. 1,474,114; Nov. 13.
Wedge mechanism, Finger block for. O. A. Smith. 1,449,454; Mar. 27.
Weed eradicator and soil pulverizer, Noxious. F. Strobach. 1,478,305; Dec. 18.
Weed extractor. F. Holton. 1,466,168; Aug. 28.
Weed extractor. W. C. Moors. 1,455,144; May 15.
Weed puller. A. J. Beingessner. 1,451,455; Apr. 10.
Weeder. R. G. Bruner. 1,459,139; June 19.
Weeder. C. W. Castleman. 1,441,213; Jan. 9.
Weeder. G. W. Fairbourn. 1,472,749; Oct. 30.
Weeder, Garden. O. Madson. 1,454,326; May 8.
Weeder, Rotary rod. H. K. Wolfe. 1,443,245; Jan. 23.
Weeder, Self-cleaning. M. Thomason. 1,444,572; Feb. 6.
Weeder, Wheeled. I. and T. G. Dammel. 1,457,823; June 5.
Weeding and transplanting device. W. H. Hennings. 1,472,832; Nov. 6.
Weeds from railway roadbeds, Machine for removing. A. Scheuchzer. 1,464,014; Aug. 7.
Weft-carrier magazine. E. H. Ryon. 1,467,653; Sept. 11.
Weft-detector mechanism. C. E. Knowlton and E. H. Ryon. 1,462,554; July 24.
Weigher, Automatic. J. Mainland. 1,467,802; Sept. 11.
Weigher, Residue. A. S. Gilbert. 1,470,829; Oct. 16.
Weighing and advertising machine. A. Heimann. 1,464,846; Aug. 14.
Weighing and packing apparatus. D. W. Ripley. 1,448,237; Mar. 13.
Weighing and sack-filling machine, Automatic grain-. T. M. Poumade. 1,455,658; May 15.
Weighing animals and for indicating dosage, Device for. W. N. Hobbs. 1,451,826; Apr. 17.
Weighing apparatus. C. de Graaf, jr., and E. Burman. 1,475,547; Nov. 27.
Weighing apparatus. Damping device for. C. F. M. van Berkel. 1,457,328; June 5.
Weighing apparatus for loose material, Automatic. G. A. Bruhn. 1,451,759; Apr. 17.
Weighing device, Liquid-. W. G. and L. R. Finch. 1,457,279; May 29.
Weighing instrument. R. G. Ainsworth. 1,444,995; Feb. 13.
Weighing instrument. R. G. Ainsworth. 1,468,129; Sept. 18.
Weighing machine. A. C. Dodge. 1,444,337; Feb. 6.
Weighing machine. H. D. Elfreth. 1,456,631; May 29.
Weighing machine. A. H. Green. 1,442,399; Jan. 16.
Weighing machine. W. C. Hall. 1,464,422; Aug. 7.
Weighing machine, Batter-. P. J. Baur. 1,478,199; Dec. 18.
Weighing machine, Electric steelyard. K. Schember and R. Joksch. 1,451,118; Apr. 10.
Weighing machines, Rectifying device for. M. Mathieu. 1,441,236; Jan. 9.
Weighing machines, Traveling poise for. K. Schember and R. Joksch. 1,464,114; Aug. 7.
Weighing mechanism. L. T. Johnson. 1,474,039; Nov. 13.
Weighing mechanism. S. W. Shuford. 1,452,763; Apr. 24.
Weighing mechanism, Automatic. J. W. Wesley. 1,450,932; Apr. 10.
Weighing tanks, Calibrating. A. H. Green. 1,442,400; Jan. 16.
Weight, Adjustable sash. G. A. Dickinson. 1,463,877; Aug. 7.
Weight adjustment, Feed-. H. W. Govin. 1,454,852; May 15.
Weight, Cattle-horn. A. A. Courtney. 1,472,207; Oct. 30.
Weight-equalization device. G. H. F. Holy. 1,454,926; May 15.
Weighting apparatus, Automatic balance. G. von Post. 1,459,272; June 19.
Weld forging method, Electric. I. W. Henry. 1,466,716; Sept. 4.
Welded joint. J. W. Fay. 1,453,343; May 1.
Welded joint. M. P. Wetmore. 1,477,618; Dec. 18.
Welded joints, Method and appliance useful in producing. A. Krebs. 1,475,189; Nov. 27.
Welded rail joint. E. M. T. Ryder. 1,458,362; June 12.
Welded steel wheel. E. Fulda. 1,452,036; Apr. 17.
Welders, Universal point and carrier for. F. P. McBerty. 1,474,199; Nov. 13.
Welding. C. A. Hadley. 1,459,885; June 26.
Welding. V. Mauck. 1,443,082; Jan. 23.
Welding. H. W. Schoenfeldt, G. A. Reinhardt, and E. T. McCleary. 1,467,625; Sept. 11.
Welding apparatus. J. L. Anderson. 1,449,369; Mar. 27.
Welding apparatus. M. S. Clawson. 1,458,273; June 12.
Welding apparatus, Arc-. P. P. Alexander. 1,440,711; Jan. 2.
Welding apparatus, Electric. G. Giorgini. 1,443,123; Jan. 23.
Welding apparatus, Electric. C. B. Waters. 1,464,145; Aug. 7.
Welding chain links, rings, and the like, Device for. F. W. Bindel. 1,452,023; Apr. 17.
Welding circuit, Condensing. J. H. Gravell. 1,462,572; July 24.
Welding composition, Arc-. J. C. Armor. 1,467,825; Sept. 11.

Alphabetical list of inventions—Continued.

Welding compound. J. R. Campbell and J. L. Reynolds. 1,460,476; July 3.
Welding copper to iron. G. R. Tremolada. 1,449,637; Mar. 27.
Welding electrode holder. J. Britt. 1,472,581; Oct. 30.
Welding electrode holder. J. J. Dooley. 1,467,028; Sept. 4.
Welding furnace, Electric. I. D. Shipper. 1,467,954; Sept. 11.
Welding jig. O. Muller, jr. 1,445,231; Feb. 13.
Welding machine. C. L. Hoff and G. G. Naugle. 1,474,824; Nov. 20.
Welding machine. J. H. Taylor. 1,447,909; Mar. 6.
Welding machine. A. J. Townsend. 1,465,241; Aug. 14.
Welding machine, Chain-. T. C. Lucc. 1,456,026; May 22.
Welding machine, Chain-. A. E. Peters. 1,465,719; Aug. 21.
Welding machine, Electric. J. W. Fay. 1,457,513; June 5.
Welding machine, Electric seam-. E. Schröder. 1,452,762; Apr. 24.
Welding-machine attachments, Clamp for. H. W. Kranz and J. Lukes. 1,458,138; June 12.
Welding machines, Electrode-clamping device for electric. J. W. Meadowcroft. 1,441,443; Jan. 9.
Welding metals, Method of and apparatus for. G. O. Carter and R. C. Pierce. 1,477,538; Dec. 18.
Welding, Method of and apparatus for. F. J. Schuman. 1,452,936; Apr. 24.
Welding, Method of and apparatus for electric. H. E. Snodgrass and T. M. Hunter. 1,478,302; Dec. 18.
Welding, Method of and apparatus for heavy spot. J. M. Weed. 1,449,206; Mar. 20.
Welding, Operator's outfit for electric. E. Woltmann. Re15,652; July 10.
Welding or forging apparatus, Electric. I. W. Henry. 1,478,225; Dec. 18.
Welding or soldering composition. A. Baewskin. 1,472,781; Nov. 6.
Welding process. M. S. Clawson. 1,458,274; June 12.
Welding process and means. C. H. Hollup. 1,466,587; Aug. 28.
Welding process and product. L. G. McClintock. 1,477,143; Dec. 11.
Welding rod. F. M. Becket. 1,452,781; Apr. 24.
Welding rod. J. H. Critchett. 1,460,790; July 3.
Welding system, Electropercussive. C. F. Wagner. 1,451,558; Apr. 10.
Welding tool. J. Jerry. 1,450,294; Apr. 3.
Welding-torch top. E. H. Smith. 1,452,258; Apr. 17.
Welds, Method of and apparatus for testing. I. F. Kinnard. 1,440,470; Jan. 2.
Well. J. N. Swanson. 1,476,554; Dec. 4.
Well apparatus, Oil-. H. T. Smith. 1,472,283; Oct. 30.
Well bailer, Oil-. C. W. Morris. 1,461,365; July 10.
Well bore, Means for bailing detritus from a. J. A. Zublin. 1,445,575; Feb. 13.
Well boring, Rotary table for. J. D. Loyd. 1,455,142; May 15.
Well capper and casing puller, Gas-. T. A. Baxley. 1,442,638; Jan. 16.
Well-capping device. F. Sievern. 1,476,110; Dec. 4.
Well-casing elevator. G. Krell. 1,446,568; Feb. 27.
Well casing, Oil-. H. C. Cable. 1,464,350; Aug. 7.
Well-casing pipe. A. Richter. 1,465,484; Aug. 21.
Well-casing tightener, Oil-. S. Crawford. 1,444,230; Feb. 6.
Well casings and the like, Tool for removing. J. F. Fullop. 1,445,581; Feb. 13.
Well casings, Device for perforating oil-. E. M. Smith and B. E. Heidrich. 1,457,193; May 29.
Well casings, Drilling head for oil-. L. D. Dodd. 1,446,789; Feb. 27.
Well casings, Gas clamp for oil-. W. Canfield. 1,448,285; Mar. 13.
Well casings, Jar coupling for oil-. J. G. Burch. 1,460,787; July 3.
Well casings, Means for handling. R. H. Ramsey. 1,447,629; Mar. 6.
Well casings, Packing means for. C. A. Rasmussen. 1,464,585; Aug. 14.
Well casings, Perforation cleaner for oil-. A. L. Halliday. 1,474,630; Nov. 20.
Well casings, Shock-absorbing attachment for. R. E. Fair. 1,465,120; Aug. 14.
Well casings, Wrench for oil-. C. A. Butler. 1,478,020; Dec. 18.
Well-cleaning swab. A. G. Heggem. 1,449,674; Mar. 27.
Well drill. J. B. Fender. 1,475,060; Nov. 20.
Well drill. F. L. Gilman and J. R. Wilson. 1,461,713; July 10.
Well drill. A. J. and H. J. Schepp. 1,456,681; May 29.
Well drill. J. F. Tunnell. 1,456,158; May 22.
Well drill, Collapsible rotary. F. A. Widmer. 1,456,350; May 22.
Well-drilling apparatus. H. C. Hirschfeld and R. S. Mayer. 1,477,563; Dec. 18.
Well-drilling apparatus. S. J. Mathews. 1,462,975; July 24.
Well-drilling apparatus. O. E. Moore. 1,449,533; Mar. 27.
Well-drilling apparatus. V. A. Stewart. 1,454,984; May 15.
Well-drilling apparatus, Band wheel for oil-. J. E. Campsey. 1,478,548; Dec. 25.
Well-drilling apparatus, Rope grip for. A. Premro. 1,476,218; Dec. 4.
Well-drilling attachment. H. R. Rowland. 1,464,396; Aug. 7.
Well drilling, Method of and apparatus for sidetracking in deep-. N. Esperson. 1,454,048; May 8.
Well-drilling rig. R. H. Ramsey. 1,470,329; Oct. 9.
Well-drilling rigs, Cable clamp for. O. C. Zuck. 1,467,666; Sept. 11.
Well drilling, Rotary for. B. Boykin. 1,449,647; Mar. 27.
Well-drilling tool. H. B. McGowan. 1,461,154; July 10.
Well-drilling tools, Swivel rope socket for oil-. G. Jaques. 1,467,273; Sept. 4.
Well elevator. W. H. Burstall. 1,446,830; Feb. 27.
Well elevator. H. M. Harris. 1,460,652; July 3.
Well equipment, Oil-. A. T. Hagaman. 1,467,635; Sept. 11.
Well fishing tool. C. A. Brust, jr. 1,474,232; Nov. 13.
Well fishing tool. C. E. Lang. 1,455,499; May 15.
Well fishing tool, Oil-. F. C. Bonnet and R. Franklin. 1,455,237; May 15.
Well heater, Oil-. M. Warnick. 1,450,658; Apr. 6.
Well mechanism. M. E. Layne and S. N. Hall. 1,447,992; Mar. 13.
Well mechanism. M. E. Layne. 1,453,847; May 1.
Well, Oil or gas. E. V. Crowell. 1,472,555; Oct. 30.
Well packer, Oil-. J. S. Quigg. 1,476,727; Dec. 11.
Well-pipe lifter. E. E. Garton. 1,445,504; Feb. 13.
Well-pipe screen. S. H. St. John. 1,460,735; July 3
Well plug. R. J. Crabbe. 1,457,148; May 29.
Well point and strainer, Drive-. V. H. Nickerson. 1,448,233; Mar. 13.
Well power head, Two-stroke deep-. H. A. Campbell. 1,452,025; Apr. 17.
Well pumps, Working valve for oil-. C. Phillips, sr. 1,469,106; Sept. 25.
Well reamer. W. J. Hogue. 1,467,480; Sept. 11.
Well reamer. F. Sager and H. R. Hardenburg. 1,454,863; May 15.
Well-rigging machines, Attachment for. H. J. Lockhart. 1,476,899; Dec. 11.
Well screen. H. Rodrigo, sr. 1,473,644; Nov. 13.
Well-screen washer. H. M. Parker. 1,469,949; Oct. 9.
Well swab, Oil. E. T. Murray. 1,472,487; Oct. 30.
Well swab, Oil-. L. E. Robinson. 1,458,151; June 12.
Well tool. J. W. Hooser. 1,471,607; Oct. 23.
Well tool. C. A. Samuell. 1,452,444; Apr. 17.
Well tool, Oil-. W. P. Stampfli. 1,475,456; Nov. 27.
Well-tool placing and hoisting implement. J. C. Stokes. 1,442,188; Jan. 16.
Well tools, Releasing device for. C. E. Brown. 1,471,775; Oct. 23.
Well-tube perforators, Attachment for. D. L. Shull. 1,447,523; Mar. 6.
Well underreamer, Oil-. V. L. Conaghan. 1,471,102; Oct. 16.
Wells and cementing, Process of and apparatus for setting casing and screen in. W. B. Reed. 1,459,989; June 26.
Wells and oil-bearing strata, Process and apparatus for extracting hydrocarbons from oil. W. J. Knox. 1,462,288; July 17.
Wells, Apparatus for ejecting fluids from. R. H. Tucker. 1,471,758; Oct. 23.
Wells, Apparatus for treating oils from flowing. R. Conrader. 1,452,549; Apr. 24.
Wells, boreholes or the like, Tool for making and repairing casings for. P. W. Hallvarson. 1,449,672; Mar. 27.
Wells, Casinghead for oil. L. Haubert. 1,442,404; Jan. 16.
Wells, Cleaning oil. R. Foggan. 1,448,997; Mar. 20.
Wells, Device for forcing fluid from. A. L. Smith. 1,466,199; Aug. 28.
Wells, Drilling. F. J. Carman. 1,460,788; July 3.
Wells, Drilling. J. C. Swan. 1,455,010; May 10.
Wells, Electrical heater for oil. P. F. Brine. 1,457,690; June 5.
Wells, Fishing apparatus for. A. H. Brandon. 1,473,606; Nov. 13.
Wells, Fishing tool for deep. G. G. Bowen, C. A. Duley, and R. B. Ross. 1,467,604; Sept. 11.
Wells, Fishing tool for oil. T. Ratcliffe. 1,470,482; Oct. 9.
Wells, Flowing device for oil. A. Boynton. 1,470,053; Oct. 9.
Wells, Gas and water separator for oil. L. L. Carter. 1,468,193; Sept. 18.
Wells, Increasing the yield of oil. E. R. Wolcott. 1,457,479; June 5.
Wells, Iron spool for wire cables of oil. E. F. Smith. 1,462,388; July 17.
Wells, Jack frame for oil. R. E. Alexander. 1,466,573; Aug. 28.
Wells, Method and apparatus for removing liquid and salt deposits from gas. M. M. Sweetman. 1,447,052; Feb. 27.
Wells, Method and composition for cementing oil. F. W. Huber. 1,452,463; Apr. 17.
Wells, Method of and apparatus for renewing oil. F. H. Wolever. 1,476,747; Dec. 11.

Wells of clogging material, Apparatus for clearing oil. W. A. J. Kreager and J. T. Powers. 1,449,420; Mar. 27.
Wells, Oil-saving device for oil. O. B. Anderson. 1,472,952; Nov. 6.
Wells, Oil-saving stack for gas-flowing. E. R. Austin. 1,459,461; June 19.
Wells, Operating oil. F. A. Howard. 1,473,348; Nov. 6.
Wells, Pumping power for. E. O. Bennett. 1,467,773; Sept. 11.
Wells, Safety device for elevator. C. D. Wood and E. R. DeLong. 1,474,185; Nov. 13.
Wells, Sand wheel for oil. E. M. Smith. 1,469,828; Oct. 9.
Wells, Valve coupling for tubular. C. L. Savidge. 1,452,004; Apr. 17.
Wells, Water indicator for oil. W. L. Foster. 1,440,778; Jan. 2.
Welt-beating machine. F. N. La Chapelle. 1,461,062; July 10.
Welt-guide and stitch-indenting mechanism. J. H. Reed. 1,466,341; Aug. 28.
Welts, Means for forming and attaching. P. A. Herr. 1,440,541; Jan. 2.
Wetting machine. A. E. and M. E. Johnson. 1,463,214; July 31.
Wheat and other grain apparatus for conditioning. T. L. Toomey. 1,445,806 Feb. 20.
Wheat cleaner. J. Landrichinger. 1,441,812; Jan. 9.
Wheat-header loading attachment. A. L. Stewart. 1,443,854; Jan. 30.
Wheat heater. W. Schwede. 1,443,597; Jan. 30.
Wheat, Purifying garlicky. J. E. Gaskill. 1,460,648; July 3.
Wheat temperer. E. J. Compton. 1,478,734; Dec. 25.
Wheat, Treating garlicky. R. L. and J. H. Winters. 1,476,131; Dec. 4.
Wheel: *See*—

Abrasive wheel.	Resilient wheel.
Auto wheel.	Resilient-tired wheel.
Automobile wheel.	Resilient vehicle wheel.
Automobile steel wheel.	Rubber wheel.
Automobile steering wheel.	Rubber tired wheel.
Buffing wheel.	Sheave wheel.
Bull and calf wheel.	Shock-absorbing wheel.
Car wheel.	Skate wheel.
Cast-metal wheel.	Spring wheel.
Corrugate-plate wheel.	Sprocket wheel.
Cushion wheel.	Steering wheel.
Cushioned wheel.	Stone-cutting wheel
Demountable wheel.	Stripper wheel.
Detachable wheel.	Tight and loose wheel.
Disk wheel.	Tire wheel.
Elastic wheel.	Toothed wheel.
Emergency wheel.	Traction wheel.
Excavating wheel.	Tractor wheel.
Gear wheel.	Trolley wheel.
Grinding wheel.	Truck wheel.
Fan wheel.	Truck caster wheel.
Friction wheel.	Turbine water wheel.
Lubricating mine-car wheel.	Type wheel.
	Vehicle wheel.
Metal wheel.	Water wheel.
Metal-casing wheel.	Welded-steel wheel.
Ply-wood wheel.	Wind wheel.
Pneumatic wheel.	Wind-power wheel.
Polishing wheel.	Windmill wheel.
Pressed metal wheel.	Wire-spoked wheel.

Wheel. H. J. Adams. 1,462,754; July 24.
Wheel. A. O. Benson. 1,444,492; Feb. 6.
Wheel. E. L. Bigelow. 1,444,452; Feb. 6.
Wheel. R. W. Breece. 1,446,543; Feb. 27.
Wheel. T. Brown. 1,467,999; Sept. 18.
Wheel. R. G. Bruner. 1,461,475; July 10.
Wheel. R. J. Burrows. 1,461,888; July 17.
Wheel. R. E. Choate. 1,473,399; Nov. 6.
Wheel. L. E. Creswell. 1,440,659; Jan. 2.
Wheel. J. C. Cromwell. 1,473,283; Nov. 6.
Wheel. T. G. Dade. 1,473,084–5; Nov. 6.
Wheel. W. W. Davison. 1,453,338; May 1.
Wheel. E. J. Dotterweich. 1,462,884; July 24.
Wheel. C. W. Fulton. 1,468,263; Sept. 18.
Wheel. A. Griesemer. 1,458,759; June 12.
Wheel. F. A. Gruber. 1,471,157; Oct. 16.
Wheel. F. J. Hamrock. 1,443,126; Jan. 23.
Wheel. J. Harris. 1,446,561; Feb. 27.
Wheel. C. A. Herle. 1,476,968; Dec. 11.
Wheel. H. A. House, jr. 1,453,356; May 1.
Wheel. H. A. House, jr. 1,465,247; Aug. 14.
Wheel. H. A. House, jr. 1,471,161; Oct. 16.
Wheel. H. A. House, jr. 1,474,631–2; Nov. 20.
Wheel. E. Ibach. 1,443,954; Feb. 6.
Wheel. T. N. Jordan. 1,446,706; Feb. 27.
Wheel. W. B. Kerrick. Re15,736; Dec. 25.
Wheel. T. C. Lackland. 1,460,253; June 26.
Wheel. J. H. Lockett. 1,445,223; Feb. 13.
Wheel. G. A. Lytle. 1,445,522; Feb. 13.
Wheel. A. Mathis. 1,478,978; Dec. 25.
Wheel. F. C. Matteson. 1,446,427; Feb. 20.
Wheel. C. J. McCord. 1,455,637; May 15.
Wheel. W. B. Minch. 1,469,265; Oct. 2.
Wheel. G. H. Ricke. 1,448,152; Mar. 13.
Wheel. B. F. Seymour. 1,477,915; Dec. 18.
Wheel. F. S. Stafford. 1,444,807; Feb. 13.
Wheel. J. D. Trethaway. 1,467,660; Sept. 11.
Wheel. M. Van Meter. 1,476,780; Dec. 11.
Wheel. F. H. Walkley. 1,478,493; Dec. 25.
Wheel. G. Walther. 1,444,048; Feb. 6.
Wheel. G. Walther. 1,460,293; June 26.
Wheel. G. Walther. 1,469,288; Oct. 2.
Wheel. G. Walther. 1,478,496; Dec. 25.
Wheel. G. Walther and F. H. Walkley. 1,463,349; July 31.
Wheel. O. E. Wilson. 1,470,517; Oct. 9.
Wheel. J. Wollmann. 1,458,868; June 12.
Wheel. C. Young. 1,469,867; Oct. 9.
Wheel alignment indicator. A. I. Sandbo. 1,477,450; Dec. 11.
Wheel and air tank, Combined. C. Osborn. 1,464,441; Aug. 7.
Wheel and air tire to be used therewith, Resilient. J. Spijker 1,453,199; Apr. 24.
Wheel and axle assembly. J. A. Daughtery. 1,440,818; Jan. 2.
Wheel and demountable rim. J. G. Swain. 1,443,291; Jan. 23.
Wheel and gear remover. E. E. Winchell. 1,470,310; Oct. 9.
Wheel and making same, Pressed-steel. J. G. Swain. 1,450,618; Apr. 3.
Wheel and pitman, Self-lubricating. E. C. and H. L. Litchfield and V. Speer. 1,454,021; May 1.
Wheel and runner or ski assembling device. A. Kégresse. 1,476,082; Dec. 4.
Wheel and shaft and interlocking same. L. A. Seiss. 1,460,145; June 26.
Wheel and the like, Detachable. J. Hanman. and G. Hazleton. 1,463,695; July 31.
Wheel and tire construction. E. H. Ackerman. 1,465,201; Aug. 14.
Wheel and tire, Resilient. L. De Wolf. 1,459,018; June 19.
Wheel angle indicator, Front-. W. T. Rooney and J. P. Hume. 1,471,209; Oct. 16.
Wheel attachment. J. Kershaw. 1,472,655; Oct. 30.
Wheel attachment. A. W. Schede and J. A. Mitchell. 1,450,904–5; Apr. 3.
Wheel block. J. C. Miller. 1,446,055; Feb. 20.
Wheel boring and facing machine. W. N. Booth. 1,459,011; June 19.
Wheel bracket, Spare-. C. F. Wasserfallen. 1,441,189; Jan. 2.
Wheel brake, Front-. H. J. Noll. 1,466,146; Aug. 28.
Wheel brake, Front-. V. W. Page. 1,456,460; May 22.
Wheel chocks, Anchoring plate for. R. B. Stipes, J. D. Goodwin and H. C. Welch. 1,448,988; Mar. 20.
Wheel construction. E. C. Westerfield. 1,472,404; Oct. 30.
Wheel construction, Loose-. G. Trefs. 1,466,074; Aug. 28.
Wheel construction, Wire. C. Sauzedde. 1,469,822; Oct. 9.
Wheel cover, Burnishing-. H. A. Mabbey. 1,455,298; May 15.
Wheel disk. R. H. Bowen. 1,448,355; Mar. 13.
Wheel-dressing mechanism. B. M. W. Hanson. 1,447,383; Mar. 6.
Wheel drive, Front and four. N. Norqual. 1,476,413; Dec. 4.
Wheels, Driving lug for demountable rims of vehicle. W. N. Booth. 1,475,167; Nov. 27.
Wheel-driving mechanism. E. Einfeldt. 1,464,978; Aug. 14.
Wheel driving mechanism, Front-. T. F. Ledbetter. 1,440,474; Jan. 2.
Wheel expander. J. B. Klein. 1,472,915; Nov. 6.
Wheel for convertible vehicles. E. P. Hendrick. 1,449,116–7; Mar. 20.
Wheel for implements and vehicles, Metallic. A. Kowalsky. 1,477,369; Dec. 11.
Wheel for motor vehicles. J. B. Ruatti. 1,458,779; June 12.
Wheel fork. H. O. Wood. 1,451,521; Apr. 10.
Wheel gauge. W. R. Hose. 1,443,131; Jan. 23.
Wheel gauge. R. Spangenberg. 1,458,598; June 12.
Wheel gauge, Service metal. B. Cook. 1,477,036; Dec. 11.
Wheel grip. F. M. Coe. 1,448,258; Mar. 13.
Wheel-holding device. R. B. Stipes, J. D. Goodwin, and H. C. Welch. Re15,679; Aug. 21.
Wheel-hub construction. J. Wheeler. 1,465,958; Aug. 28.
Wheel hubs, Device for excluding foreign matter from the inside of. F. W. Northrup. 1,444,700; Feb. 6.
Wheel jack. W. P. O'Loughlin. 1,445,845; Feb. 20.
Wheel lock. J. B. Johns. 1,450,153; Mar. 27.
Wheel lock, Emergency. D. C. Rose. 1,469,269; Oct. 2.
Wheel-lock holder. E. M. Burnham. 1,453,436; May 1.
Wheel-locking device, Drive-. J. Ross. 1,446,484; Feb. 27.
Wheel-locking device, Drive-. J. Ross. 1,451,406; Apr. 10.
Wheel-making machine. A. E. R. Blomquist. 1,459,010; June 19.
Wheel mount. E. Telleson. 1,468,680; Sept. 25.
Wheel mounting, Detachable. H. E. Holbrook. 1,454,282; May 8.
Wheel mounting, Spare-. C. Sauzedde and J. L. Buchanan. 1,477,287; Dec. 11.

Wheel or roller, Sheet-metal. F. S. Morton. 1,444,881; Feb. 13.
Wheel-pit drop table. S. Otis. 1,450,702; Apr. 3.
Wheel-printing machine. M. H. Kern. 1,459,215; June 19.
Wheel puller. W. C. Erickson and H. L. Conrad. 1,465,467; Aug. 21.
Wheel puller. G. Grosholz. 1,441,224; Jan. 9.
Wheel puller. F. W. Hayward. 1,461,312; July 10.
Wheel puller and emergency hub. E. D. Ainsworth. 1,462,843; July 24.
Wheel, pulley, or the like. S. Rees. 1,475,511; Nov. 27.
Wheel-quartering gauge. R. R. Royal and D. H. Brown. 1,471,285; Oct. 16.
Wheel remover. G. Pizzuti. 1,457,795; June 5.
Wheel rim. R. H. Hiatt. 1,467,638; Sept. 11.
Wheel rim. C. E. Lonn. 1,477,572; Dec. 18.
Wheel rim. H. W. Powers. 1,447,687; Mar. 6.
Wheel rim. S. I. Prescott and F. J. Rummler. 1,467,588; Sept. 11.
Wheel-rim adjuster. W. L. Chambers. 1,451,976 Apr. 17.
Wheel rim and tire. J. Berkel. 1,478,321; Dec. 18.
Wheel-rim connector, Extension-. H. P. Patheal. 1,464,773; Aug. 14.
Wheel-rim-contracting device. P. J. Rivers. 1,467,068; Sept. 4.
Wheel rim, Demountable. K. I. Nutter. 1,463,588; July 31.
Wheel rim, Demountable. K. I. Nutter. 1,465,718; Aug. 21.
Wheel rim, Demountable. J. Wentz. 1,466,812; Sept. 4.
Wheel rim, Demountable vehicle. F. F. Hultgreen. 1,442,409; Jan. 16.
Wheel rim, Drive. R. T. Lee. 1,451,991; Apr. 17.
Wheel rim, Tractor-. F. P. Steele. 1,442,030; Jan. 9.
Wheel rims, Forming nipple sockets in. H. A. House, jr. 1,471,160; Oct. 16.
Wheel rims, Galvanizing. L. V. Mather. 1,442,437; Jan. 16.
Wheel rims, Tightening device for demountable. J. R. Oishei. 1,467,809; Sept. 11.
Wheel rims, Tool for expanding and contracting split. E. T. Rushton and R. S. Berry. 1,471,066; Oct. 16.
Wheel straightener. G. E. Peterson. 1,443,038; Jan. 23.
Wheel structure. E. I. Dodds. 1,450,064; Mar. 27.
Wheel structure. E. W. Weaver. 1,468,093; Sept. 18.
Wheel structure, Insulated. I. A. and J. C. Call. 1,452,547; Apr. 24.
Wheel structure, Motor-cycle. H. N. Atwood. 1,442,242; Jan. 16.
Wheel-supporting frame structure. E. H. Belden and H. E. Rhoads. 1,442,996; Jan. 23.
Wheel tightener. F. A. Homewood. 1,466,097; Aug. 28.
Wheel-trimming device. M. S. Cumner and F. W. Geissenhainer. 1,468,357; Sept. 18.
Wheel-truing gauge. I. Schwartz. 1,450,518; Apr. 3.
Wheel-truing mechanism. B. M. W. Hanson. 1,465,266; Aug. 21.
Wheel-turning device, Band-. R. W. Sage. 1,478,300; Dec. 18.
Wheel with improved pneumatic tire for motor vehicle. H. de Hooydonck. 1,452,795; Apr. 24.
Wheelbarrow. G. A. Parsons. 1,478,293; Dec. 18.
Wheelbarrow. F. R. Shugart. 1,474,919; Nov. 20.
Wheelbarrow attachment. W. M. Newton. 1,476,635; Dec. 4.
Wheelbarrow-handle guard. G. C. Batten. 1,463,191; July 31.
Wheelbarrow, Metal. D. C. Mulvihill. 1,459,898; June 26.
Wheeled toy. G. G. Greger. Des. 62,202; Apr. 10.
Wheels and the like, Carrier for spare. F. K. Lawrence. 1,460,592; July 3.
Wheels and the like, Carrier for spare. F. K. Lawrence. 1,472,983; Nov. 6.
Wheels, Antislipping attachment for vehicle. C. Moss. 1,460,822; July 3.
Wheels, Apparatus for casting steel. G. Walther. 1,444,047; Feb. 6.
Wheels, Apparatus for testing bevel-gear. H. Saurer. 1,444,526; Feb. 6.
Wheels, Attachment for farm-implement. K. F. Kruger. 1,444,795; Feb. 13.
Wheels, Axle box and bearing for tramcar and like vehicle. T. W. Cooper. 1,475,053; Nov. 20.
Wheels, Belt for brake. D. Thomas. 1,446,862; Feb. 27.
Wheels, Casting steel. G. Walther. 1,478,494; Dec. 25.
Wheels, Cutting gear. H. J. Eberhardt. 1,454,430; May 8.
Wheels, Demountable rim for. W. L. Branstool. 1,457,016; May 29.
Wheels, Demountable rim for automobile. W. J. Bruce. 1,478,633; Dec. 25.
Wheels, Demountable rim for automobile. H. J. D Robinson. 1,471,707; Oct. 23.
Wheels, Demountable rim for vehicle. L. G. Hackworth. 1,457,888; June 5.
Wheels, Demountable rim for vehicle. F. H. Moyer. 1,470,240; Oct. 9.
Wheels, Detachable grouter for. J. I. Van Orden. 1,441,645; Jan. 9.
Wheels, Driving lug for tractor. A. S. Krotz. 1,447,867; Mar. 6.
Wheels, Emergency hub for automobile. O. H. Cooper. 1,450,062; Mar. 27.
Wheels, Fixed-rim construction for disk. L. B. Harvey. 1,462,282; July 17.
Wheels for vehicles, Air tube and shock absorber for resilient. W. Drury. 1,464,033; Aug. 7.
Wheels, Forming and tempering disk. G. H. Forsyth. 1,457,772; June 5.
Wheels, Forming vehicle. W. N. Booth. 1,464,495; Aug. 14.
Wheels, Grouter for. J. F. Roberts. 1,458,119; June 5.
Wheels, Guide for hoisting. A. H. Neller. 1,458,354; June 12.
Wheels, Laminated structure for. A. R. Cowden and E. J. B. Gorman. 1,462,687; July 24.
Wheels, Making hand. A. Knubel. 1,473,189; Nov. 6.
Wheels, Making sprocket. H. H. Huntington and E. H. Cureton. 1,448,803; Mar. 20.
Wheels, Manufacture of. J. G. Swain. 1,460,147; June 26.
Wheels, Manufacture of metal. C. Schenck and L. Fine. 1,473,164; Nov. 6.
Wheels, Manufacturing gear. E. H. Wingqvist. 1,474,500; Nov. 20.
Wheels, Mounting and driving of gear. F. H. Royce. 1,460,768; July 3.
Wheels, Mud lug for vehicle. J. M. Jacobs. 1,458,295; June 12.
Wheels, Mudhook for motor-vehicle. T. L. Wood. 1,444,895; Feb. 13.
Wheels, Pattern for casting steel. G. Walther. 1,463,348; July 31.
Wheels, Producing of cast-metal. G. Walther. 1,457,128; May 29.
Wheels, Resilient rim for automobile. F. Thornton. 1,461,505; July 10.
Wheels, Resilient suspension for vehicle. G. Gasparri and A. Casini. 1,448,268; Mar. 13.
Wheels, Retainer and lock for spare. J. L. Weller and F. E. Winchester. 1,442,315; Jan. 16.
Wheels, Retaining device for removable. J. Ledwinka. 1,442,621; Jan. 16.
Wheels, Rim for vehicle. C. F. Erickson. 1,478,893; Dec. 25.
Wheels, Runner attachment for. D. C. Ducatt. 1,449,738; Mar. 27.
Wheels, Runner construction for Pelton. E. C. Hutchinson. 1,459,672; June 19.
Wheels, screw wheels, or the like, Machine for manufacturing toothed. S. G. Wingquist. 1,446,777; Feb. 27.
Wheels, screw wheels, or the like, Machine for manufacturing toothed. S. G. Wingquist. 1,463,414; July 31.
Wheels, Spring gate and wiper for seed. B. N Rodda. 1,443,906; Jan. 30.
Wheels, Swivel for truck. E. Dietz. 1,471,247; Oct. 16.
Wheels, Tape for. J. Olson. 1,477,975; Dec. 18.
Wheels, Tire-inflating attachment for disk. J. A. Steinmetz. 1,452,284; Apr. 17.
Wheels, Traction attachment for. J. W. Shrock. 1,451,183; Apr. 10.
Wheels, Traction device for vehicle. A. J. Borst, jr. 1,446,870; Feb. 27.
Wheels, Traction plate for use with motor-vehicle. S. B. Johnson. 1,468,023; Sept. 18.
Wheels, Traction shoe for. F. P. Girodo. 1,457,242; May 29.
Wheels, Tread belt for apron. C. L. George. 1,446,292; Feb. 20.
Whey, Treating. H. V. Dunham. 1,443,528; Jan. 30.
Whip holder. F. X. Béliveau. 1,447,058; Feb. 27.
Whip holder. H. Wilkinson. 1,461,993; July 17.
Whirligig. L. V. Aronson. 1,462,317; July 17.
Whisk, Hydraulic. E. Albano. 1,473,454; Nov. 6.
Whistle. N. G. Baker. 1,449,211; Mar. 20.
Whistle. H. G. Balthasar. 1,462,161; July 17.
Whistle. J. J. Corneil. 1,451,459; Apr. 10.
Whistle. V. C. Rocholl. 1,440,698; Jan. 2.
White and process of manufacture, Satin. J. H. Ryan. 1,470,765; Oct. 16.
Wick stop, Automatic. L. S. Chadwick. 1,471,542; Oct. 23.
Wickerware, Making articles of. H. F. Shaw. 1,475,151; Nov. 20.
Wicks, Machine for treating. F. W. Fischer. 1,460,955; July 3.
Willow chair, Woven-. M. Levine. 1,447,675; Mar. 6.
Winch. F. O. Snow, jr. 1,450,311; Apr. 3.
Winch. B. F. Webb. 1,453,559; May 1.
Winch and support therefor, Combined. A. J. Karl and B. F. Webb. 1,461,637; July 10.
Wind and rain shield. G. F. Miles and S. Evans. 1,443,373; Jan. 30.
Wind deflector. C. D. Miller. 1,478,671; Dec. 25.
Wind deflector and antiglare device, Combined. A. F. Hoff. 1,474,034; Nov. 13.
Wind instrument. A. F. Fairchild. 1,457,623; June 5.
Wind instrument, Wood-. R. S. Forrest. 1,445,077; Feb. 13.
Wind instruments, Lip-pressure-correcting device for. C. R. Campbell. 1,469,583; Oct. 2.

Wind instruments, Tone modifier for. W. R. D'Alfonso. 1,467,422; Sept. 11.
Windmill. J. B. Altman. 1,465,592; Aug. 21.
Windmill. A. Brzykcy. 1,455,862; May 22.
Windmill. H. Gaither. 1,441,977; Jan. 9.
Windmill. G. W. Gentry. 1,465,602; Aug. 21.
Windmill. A. Greth. 1,451,298; Apr. 10.
Windmill. M. C. Nixon. 1,444,551; Feb. 6.
Windmill. M. C. Nixon. 1,463,434; July 31.
Windmill. D. J. Pallone. 1,442,290; Jan. 16.
Windmill. J. M. Porter. 1,465,174; Aug. 14.
Windmill. R. R. Richard. 1,449,192; Mar. 20.
Windmill. S. J. Swanson. 1,442,307; Jan. 16.
Windmill. I. F. Willman. 1,455,950; May 22.
Windmill. R. G. Wold. 1,447,455; Mar. 6.
Windmill. G. F. Zucker. 1,469,064; Sept. 25.
Windmill attachment. J. P. Berger. 1,476,323; Dec. 4.
Windmill coupling. J. G. Seidel. 1,448,156; Mar. 13.
Windmill governor. E. Zamora. 1,453,427; May 1.
Windmill-lubricating system. F. Ritz. 1,464,662; Aug. 14.
Windmill regulator. J. M. Lowe. 1,461,489; July 10.
Windmill wheel. N. A. Roman. 1,461,048; July 10.
Windmills and wind motors, Wing for. P. Vinding and R. J. Jensen. 1,467,699; Sept. 11.
Windmills, Lubricating device for. O. Olsson. 1,477,519; Dec. 11.
Windmills, Windwheel hub for. V. L. Andrew. 1,465,404; Aug. 21.
Wind motor. O. T. Adams. 1,441,774; Jan. 9.
Wind motor. J. Gardner. 1,478,214; Dec. 18.
Wind motor. W. H. P. MacDonald. 1,442,350; Jan. 16.
Wind motor. W. R. Twiford. 1,467,962; Sept. 11.
Wind-operated mill. W. E. Rader. 1,447,820; Mar. 6.
Wind reel, Level. W. Schmid. 1,472,684; Oct. 30.
Windshield. A. C. Barley. 1,469,873; Oct. 9.
Windshield. F. E. Brown. 1,456,221; May 22.
Windshield. T. Dietrich. 1,450,142; Mar. 27.
Windshield. F. A. Dillingham. 1,464,754; Aug. 14.
Windshield. G. E. Goddard. 1,473,848; Nov. 13.
Windshield. J. Hammerl. 1,476,816; Dec. 11.
Windshield. L. H. Kent and S. A. de Normanville. 1,463,704; July 31.
Windshield. A. T. Potter. 1,444,885; Feb. 13.
Windshield. A. M. Reiner. 1,461,095; July 10.
Windshield attachment. G. Glaudel. 1,440,537; Jan. 2.
Windshield attachment. W. Welshausen. 1,448,016; Mar. 13.
Windshield, Auxiliary. G. W. Dover. 1,472,356; Oct. 30.
Windshield cleaner. W. J. Beagle. 1,445,473; Feb. 13.
Windshield cleaner. L. T. Berry. 1,464,236; Aug. 7.
Windshield cleaner. W. P. Brady. 1,448,517; Mar. 13.
Windshield cleaner. L. Cohen. 1,459,614; June 19.
Windshield cleaner. A. L. Fitz Gibbon. 1,461,087; July 10.
Windshield cleaner. F. G. and W. M. Folberth. 1,472,644; Oct. 30.
Windshield cleaner. F. G. and W. M. Folberth. 1,475,625; Nov. 27.
Windshield cleaner. H. D. Gates. 1,447,541; Mar. 6.
Windshield cleaner. E. Kelber. 1,451,698; Apr. 17.
Windshield cleaner. H. L. Lavietes. 1,441,593; Jan. 9.
Windshield cleaner. L. Lowenstein. 1,441,009; Jan. 2.
Windshield cleaner. J. Pedersen. 1,463,590; July 31.
Windshield cleaner. T. E. Richards. 1,448,003; Mar. 13.
Windshield cleaner. B. Rockman. 1,464,776; Aug. 14.
Windshield cleaner. G. E. Thum. 1,448,508; Mar. 13.
Windshield, Clear-vision. W. de F. Crowell. 1,459,392; June 19.
Windshield construction. G. F. Miles. 1,471,856; Oct. 23.
Windshield-handle assembly. C. J. Reese. 1,441,631; Jan. 9.
Windshield heater. L. La Perle. 1,446,849; Feb. 27.
Windshield pivot. F. M. Edgar, and T. P. Archer. 1,451,978; Apr. 17.
Windshield-pivot construction. H. H. Seeley. 1,453,955; May 1.
Windshield-pivot mounting. A. T. Potter. 1,449,055; Mar. 20.
Windshield protector. A. C. McKinnon. 1,459,834; June 26.
Windshield, Safety. R. H. West. 1,461,237; July 10.
Windshield-top support. W. S. Saunders. 1,478,457; Dec. 25.
Windshield ventilator. J. H. Berry. 1,440,714; Jan. 2.
Windshield visor. J. B. McMullen. 1,461,398; July 10.
Windshield visor, Adjustable. G. E. Gagnier. 1,444,966; Feb. 13.
Windshield wing. N. T. Albright. 1,469,372; Oct. 2.
Windshield wing. A. Wassel. 1,468,182; Sept. 18.
Windshield-wing construction. B. J. Hubbard. 1,469,387; Oct. 2.
Windshield wiper. O. L. Adams. 1,442,111; Jan. 16.
Windshield wiper. F. Kritz. 1,456,316; May 22.
Windshield wiper. I. J. Nelson. 1,454,650; May 8.
Windshield wiper. P. Sherman. 1,474,005–6; Nov. 13.
Windshield wipers, Motor for. E. J. Hudson. 1,457,031; May 29.
Windshields, Adjustable visor for vehicle. H. D. Naterman. 1,474,727; Nov. 20.
Windshields, Adjustable visor for vehicle. H. D. Naterman. 1,475,647; Nov. 27.
Windshields, Adjustable wing for. F. L. Miller. 1,460,861; July 3.
Windshields, Anchor post for. C. S. Robertson. 1,473,875; Nov. 13.
Windshields and the like, Cleaner for. F. B. Parker and H. R. Goodfellow. 1,476,174; Dec. 4.
Windshields, Combined cleaner, rain deflector, and light guard for. L. J. Cole and E. C. Hauck. 1,472,553; Oct. 30.
Windshields, Eyeshade for. W. F. Church. 1,470,553; Oct. 9.
Windshields, Eye-shielding attachment for. J. E. Davitt. 1,459,322; June 19.
Windshields, Light screen for. R. A. Whall and E. R. Bishop. 1,454,498; May 8.
Windshields, Side wing for. L. A. Hanson. 1,466,713; Sept. 4.
Windshields, Visor attachment for. P. E. Diederich. 1,471,723; Oct. 23.
Windshields, Water-shedding compound for glass. L. S. Morrissey. 1,466,888; Sept. 4.
Wind-velocity and ground-speed indicator. O. B. Whitaker. 1,466,416; Aug. 28.
Wind wheel. H. D. Shelton. 1,460,114; June 26.
Wind wheel. F. A. Stirtan. 1,445,367; Feb. 13.
Winder. H. D. Colman. 1,475,688; Nov. 27.
Winder-balancing mechanism. H. L. Young. 1,455,185; May 15.
Winding and cabling machine. F. H. Sleeper. 1,458,997; June 19.
Winding and hanking machine. A. E. Dunham. 1,461,705; July 10.
Winding and measuring machine, Automatic sheet. H. A. Cumfer. 1,467,841; Sept. 11.
Winding and reeling device. W. Vorderwinkler. 1,463,181; July 31.
Winding apparatus. C. J. Peterson. 1,477,765; Dec. 18.
Winding chuck. E. Bergman. 1,468,625; Sept. 25.
Winding device. T. J. Osborne. 1,447,033; Feb. 27.
Winding engine. A. Palmros, E. M. Mackie, and G. A. Healey. 1,449,542; Mar. 27.
Winding machine. C. C. Abbott, and E. D. Treanor. 1,444,441; Feb. 6.
Winding machine. L. F. Blume. 1,444,453; Feb. 6.
Winding machine. E. F. Parks, C. A. Brink, and G. N. Taylor. 1,463,834; Aug. 7.
Winding machine. A. E. Rhoades. 1,450,228; Apr. 3.
Winding machine. G. N. Taylor. 1,468,583; Sept. 18.
Winding machine. E. Zindel. 1,461,641; July 10.
Winding machine, Bobbin-. E. J. Ray. 1,459,074; June 19.
Winding machine, Cheese-. T. A. and H. A. Boyd. 1,473,172; Nov. 6.
Winding machine, Coil-. E. F. Creager and S. Rogers. 1,459,013; June 19.
Winding machine, Cop and pirn. T. A. and H. A. Boyd. 1,469,986; Oct. 9.
Winding machine, Gauze and cloth. C. M. Burg, E. Decker, and L. C. Le Duc. 1,464,349; Aug. 7.
Winding machine, Semiautomatic. S. Thronsen and J. W. Sager. 1,471,634; Oct. 23.
Winding machine, Universal. C. H. Smith and A. E. Hampson. 1,475,655; Nov. 27.
Winding machinery, Device for coupling spools and spindles in. H. Schweiter. 1,468,978; Sept. 25.
Winding machines, Attachment for. M. Landi. 1,465,520; Aug. 21.
Winding machines, Builder mechanism for. A. E. Kay. 1,466,290; Aug. 28.
Winding machines, Cleaner and gauge for. M. N. Weinstein. 1,478,153; Dec. 18.
Winding machines, High-speed traverse mechanism for. G. J. McGann. 1,472,847; Nov. 6.
Winding machines, Snubbing device for yarn-. E. F. Glazier and H. S. Bromley. 1,443,875; Jan. 30.
Winding machines, Starting and stopping mechanism for. E. F. Parks, C. A. Brink, and G. N. Taylor. 1,458,194; June 12.
Winding mechanism. H. L. Pitman. 1,447,516; Mar. 6.
Winding mechanism, Fabric-. R. Reiner. 1,477,595; Dec. 18.
Winding mechanism particularly for windows, Spring-actuated. E. J. Rawlings. 1,473,739; Nov. 13.
Winding or measuring machine, Cloth. D. Turner. 1,449,640; Mar. 27.
Winding reel. S. B. Bennett and D. M. Hudson. 1,446,410; Feb. 20.
Winding reel. H. T. Keel. 1,458,420; June 12.
Windlass for attachment to walls, Surety. A. Lang. 1,457,778; June 5.
Window. S. U. Barr. 1,446,372; Feb. 20.
Window. S. U. Barr. 1,459,668; June 19.
Window. L. O. Card. 1,445,267; Feb. 13.
Window. S. Cherwin. 1,469,621; Oct. 2.
Window. R. Fiola. 1,441,673; Jan. 9.
Window. H. C. George. 1,470,223; Oct. 9.
Window. R. C. Gorrani. 1,442,397; Jan. 16.
Window. L. S. Gruber. 1,467,034; Sept. 4.
Window. E. H. Lunken. 1,451,077; Apr. 10.
Window. E. H. Lunken. 1,477,969; Dec. 18.
Window. H. G. Macwilliam. 1,473,438; Nov. 6.
Window, A. H. Nesheim. 1,476,098; Dec. 4.

Window. U. E. Tuomi. 1,444,223; Feb. 6.
Window and ventilator. E. W. Cotter and E. Troughton. 1,467,839; Sept. 11.
Window attachment. M. K. Adcock. 1,469,241; Oct. 2.
Window attachment. J. K. Johnson. 1,476,617; Dec. 4.
Window attraction, Store-. H. B. Clements. 1,454,426; May 8.
Window board. E. A. Adams. 1,450,537; Apr. 3.
Window box. M. J. McArthur. 1,442,579; Jan. 16.
Window bracket. J. A. Crozier. 1,454,155; May 8.
Window, Carriage curtain. L. C. Nelson. 1,446,986; Feb. 27.
Window chute. J. M. Triggs. 1,455,511; May 15.
Window cleaner. A. M. Becker. 1,473,395; Nov. 6.
Window cleaner. C. F. Mumaw. 1,459,071; June 19.
Window cleaner. H. Newman. 1,472,190; Oct. 30.
Window cleaner. H. A. Pyke. 1,459,255; June 19.
Window cleaner. F. F. Saxe. 1,444,707; Feb. 6.
Window cleaner. V. Viola. 1,471,871; Oct. 23.
Window cleaner. J. F. Wayne. 1,454,481; May 8.
Window cleaners' harness, Combined catch and slide anchorage and terminal coupling for. B. Kugler. 1,449,516; Mar. 27.
Window-cleaners' harness, Drilled base anchorage for. B. Kugler. 1,464,825; Aug. 14.
Window-cleaners' harness, Locked anchorage for. B. Kugler. 1,462,761; July 24.
Window cleaners' harness, Terminal, coupling and anchorage for. B. Kugler. 1,442,159; Jan. 16.
Window-cleaner's life net. G. W. Bryant. 1,461,648; July 10.
Window-cleaner's seat. L. H. Loepfe. 1,451,076; Apr. 10.
Window-cleaning device. J. J. Hiller and E. R. Strenger. 1,455,398; May 15.
Window-cleaning device. C. O. Hoffman. 1,451,221; Apr. 10.
Window-cleaning device. G. Hunter. 1,465,237; Aug. 14.
Window-cleaning device. P. Sporer. 1,461,947; July 17.
Window-clearing apparatus. A. Wessig. 1,465,292; Aug. 21.
Window construction. P. Becker. 1,461,023; July 10.
Window construction. R. S. Drummond. 1,461,818; July 17.
Window construction. F. Dutcher. 1,452,732; Apr. 24.
Window construction. A. V. Horner. 1,457,366; June 5.
Window construction. A. R. Mitchell. 1,450,697; Apr. 3.
Window construction. H. J. Smith. 1,478,922; Dec. 25.
Window construction, Metal. F. Mesker, C. E. Smith, and J. Beuc. 1,452,519; Apr. 24.
Window-control mechanism. A. R. Price. 1,457,316; June 5.
Window, especially for railway, tramway, and other vehicles. A. Mollenkopf. 1,462,239; July 17.
Window fastener. W. Czapkowsky. 1,478,735; Dec. 25.
Window fastener. A. F. Lagerstrom. 1,462,762; July 24.
Window fastener. E. G. Lance. 1,470,382; Oct. 9.
Window fastener and antirattler. R. Stuart. 1,461,467; July 10.
Window frame. H. G. Kellogg. 1,455,340; May 15.
Window frame, Auto. J. A. McAvoy. 1,469,229; Oct. 2.
Window frame, Carriage-curtain-. L. C. Nelson. 1,446,987; Feb. 27.
Window guard. M. B. Duffy. 1,471,477; Oct. 23.
Window guard. A. Josler. 1,465,443; Aug. 21.
Window guard. S. Kaufman. 1,443,896; Jan. 30.
Window guard. G. C. F. Mayer. 1,451,172; Apr. 10.
Window guard. T. C. Rush. 1,450,117; Mar. 27.
Window guard. C. S. Woods. 1,459,522; June 19.
Window guard, Automatic electric. W. F. Burns. 1,472,864; Nov. 6.
Window guide, Removable. E. G. Simpson. 1,463,444; July 31.
Window holder. Z. H. Waggoner. 1,442,016; Jan. 9.
Window holder, Adjustable storm-. G. A. Awalt. 1,473,416; Nov. 6.
Window illuminator and sign. P. S. Van Bloem. 1,464,228; Aug. 7.
Window lift, Mechanical. W. Kopp. 1,453,845; May 1.
Window-lifting device. H. A. Myers. 1,460,138; June 26.
Window lock. A. W. Emerson. 1,478,871; Dec. 25.
Window lock. C. A. Hagan. 1,470,005; Oct. 9.
Window lock. J. Heppler. 1,446,459; Feb. 27.
Window lock. S. J. Hoff. 1,461,147; July 10.
Window lock. S. O. Jacks. 1,442,888; Jan. 23.
Window lock. E. G. Lance. 1,468,367; Sept. 18.
Window lock. L. A. Mologne. 1,463,222; July 31.
Window lock. B. Reynolds. 1,471,206; Oct. 16.
Window lock. B. E. Washburn. 1,468,058; Sept. 18.
Window lock and alarm. R. Salamon. 1,469,446; Oct. 2.
Window lock and guard. A. Pavola. 1,471,525; Oct. 23.
Window lock, Automatic. W. E. Beck. 1,467,564; Sept. 11.
Window lock, Burglarproof. H. Heyer. 1,466,586; Aug. 28.
Window mechanism, Sliding-. E. P. Farum. 1,473,928; Nov. 13.
Window-opening device. A. Kürth. 1,443,691; Jan. 30.
Window-operating device. A. Heyman. 1,463,700; July 31.
Window-operating device. S. T. McClarren. 1,453,881; May 1.
Window-operating device. J. J. Parker. 1,444,753; Feb. 6.
Window-operating device. L. Welker, jr. 1,455,464; May 15.
Window-operating device, Casement-. R. B. Worthington. 1,440,758; Jan. 2.
Window-operating mechanism. L. M. Foss. 1,461,610; July 10.
Window-operating mechanism. W. Golymbiewski. 1,444,151; Feb. 6.
Window or door stop. F. Armbroster. 1,451,487; Apr. 10.
Window or the like. A. Watkinson. 1,468,983; Sept. 25.
Windowpane-fastening strip. J. R. Gammeter. 1,459,095; June 19.
Windowpanes, Making flexible, nonbreakable, transparent, and waterproof. K. L. Weber. 1,442,917; Jan. 23.
Window-polishing device. M. Madsen. 1,463,477; July 31.
Window protector. L. W. Duncan. 1,460,645; July 3.
Window regulator. E. E. Heintz. 1,463,422; July 31.
Window regulators, Handle mounting for. S. W. Nicholson. 1,451,234; Apr. 10.
Window, Reversible. W. E. Steele. 1,443,933; Jan. 30.
Window-sash-assembling apparatus. J. Brogden. 1,445,664; Feb. 20.
Window-sash balance. E. L. Gardner and J. L. Willard. 1,443,571; Jan. 30.
Window-sash holder. S. Ladinsky. 1,451,226; Apr. 10.
Window-sash lock. C. G. Callan. 1,455,865; May 22.
Window-sash lock. A. P. Kutsche and A. A. Winter. 1,470,380; Oct. 9.
Window scaffold. C. R. Basini. 1,475,780; Nov. 27.
Window scaffold. G. L. Cresson. 1,456,362; May 22.
Window scaffold. M. Dwork. 1,447,065; Feb. 27.
Window scaffold. F. Orthmann. 1,443,903; Jan. 30.
Window screen. J. G. Allen. 1,448,176; Mar. 13.
Window screen. F. E. Boehncke. 1,478,168; Dec. 18.
Window screen. A. E. Davis. 1,461,441; July 10.
Window screen. C. G. Hallberg. 1,478,899; Dec. 25.
Window screen. J. H. De Smidt. 1,458,617; June 12.
Window screen. H. R. Ellis. 1,442,657; Jan. 16.
Window screen. J. H. Grayson. 1,468,232; Sept. 18.
Window screen. W. M. Hutchinson. 1,450,920; Apr. 10.
Window screen. J. P. Ioor. 1,459,155; June 19.
Window screen. G. W. Johnston. 1,463,121; July 24.
Window screen. F. B. Kirkness. 1,474,675; Nov. 20.
Window screen. J. M. Lang. 1,446,188; Feb. 20.
Window screen. C. G. Morgner. 1,471,187; Oct. 16.
Window screen. H. A. Park. 1,453,280; May 1.
Window screen. L. Simon. 1,447,189; Mar. 6.
Window screen. E. H. Smythe. 1,471,534; Oct. 23.
Window screen. C. W. Trickey. 1,461,588; July 10.
Window screen. J. M. Trombly. 1,449,846; Mar. 27.
Window screen. L. A. Yeager. 1,476,565; Dec. 4.
Window screen. J. F. Wall. 1,470,658; Oct. 16.
Window screen, Adjustable. F. S. Verdone. 1,476,661; Dec. 4.
Window screen and storm sash combined. J. J. Keldsen. 1,473,631; Nov. 13.
Window screen, Expansible. D. H. Wertz. 1,445,375; Feb. 13.
Window-screen fastener. R. Wheeler. 1,446,364; Feb. 20.
Window screen, Metallic. C. B. McBride. 1,475,126; Nov. 20.
Window screens, Fastener for. E. Jorgensen. 1,471,609; Oct. 23.
Window seat. D. Kienle. 1,468,717; Sept. 25.
Window-seating attachment. S. Chapman. 1,450,353; Apr. 3.
Window-securing means. J. D. Tomford. 1,464,345; Aug. 7.
Window shade. E. H. Lunken. 1,452,611; Apr. 24.
Window shade and curtain bracket. M. Harvozinski and J. Gawlik. 1,447,658; Mar. 6.
Window-shade bracket. M. Crum, sr. 1,448,260; Mar. 13.
Window-shade bracket. X. W. Saul. 1,448,463; Mar. 13.
Window-shade bracket, Adjustable. C. Day. 1,467,025; Sept. 4.
Window-shade bracket and curtain-pole support, Combined. G. Basilio. 1,452,865; Apr. 24.
Window-shade guard or guide. A. R. Love. 1,445,697; Feb. 20.
Window shield, Bank-. J. W. Cleary. 1,451,360; Apr. 10.
Window-shield-cleaning device, Automatic. R. E. Miller. 1,451,368; Apr. 10.
Window shields, Clear-vision rain guard for. W. S. Luckett. 1,450,977; Apr. 10.
Window, Sliding and reversing. O. B. Dreusike. 1,450,281; Apr. 3.
Window spring. O. A. Lawrence. 1,462,235; July 17.
Window stay. J. A. Lane. 1,472,920; Nov. 6.
Window stop. L. Fry. 1,456,229; May 22.
Window stop. N. L. Shankland. 1,461,499; July 10.
Window strip. J. W. Scott. 1,450,649; Apr. 3.
Window strip for vehicle windows. S. W. Nicholson. 1,473,310; Nov. 6.
Window structure. W. J. Boda. 1,447,408; Mar. 6.
Window structure. J. W. Folgert. 1,474,521; Nov. 20.
Window, Vehicle. A. Bachle. 1,456,961; May 29.
Window ventilator. E. C. Abraham. 1,469,137; Sept. 25.
Window ventilator. J. Dykema. 1,472,056; Oct. 30.
Window ventilator. J. Pratt. 1,446,066; Feb. 20.

Window ventilator. J. C. Shuttleworth. 1,444,756; Feb. 6.
Window-washer platform. J. C. Brewster. 1,458,744; June 12.
Window-washer's seat. R. Schiller. 1,443,507; Jan. 30.
Window washing and drying mechanism. J. Martin. 1,474,840; Nov. 20.
Window-washing apparatus. J. C. G. Bonney. 1,454,373; May 8.
Window-washing apparatus. E. Pitou. 1,470,388; Oct. 9.
Window weight. A. F. Wixson. 1,468,429; Sept. 18.
Windows and screen doors, Screen for. H. B. Shippee. 1,461,500; July 10.
Windows and similar purposes, Apparatus for cleaning. O. H. Smazelle, J. Hetherington, and L. M. McIldowie. 1,468,219; Sept. 18.
Windows, doors, and the like, Heating and cooling system for. I. H. Erb. 1,465,513; Aug. 21.
Windows, doors, etc., Metallic frame for. E. H. Ellison. 1,451,012; Apr. 10.
Windows, Fastener for screen and storm. E. W. Hess. 1,441,086; Jan. 2.
Windows, Fly screen for. E. Guardiani. 1,466,281; Aug. 28.
Windows from the inside, Appliance for cleaning. H. M. Chiron. 1,472,240; Oct. 30.
Windows, Operating device for swinging. W. Schonfield. 1,456,468; May 22.
Windows, Operating means for casement. A. Johnson. 1,471,736; Oct. 23.
Windows, Operator for swinging. W. Schonfield. 1,444,393; Feb. 6.
Windows, Safety device for. A. Cobbell. 1,448,729; Mar. 20.
Windows, Tension device for casement. T. E. Walker. 1,464,229; Aug. 7.
Windows, Ventilating attachment for. O. P. Erhardt. 1,447,772; Mar. 6.
Windows, Ventilating attachment for. C. H. George. 1,470,606; Oct. 16.
Windows, Ventilator hood for. H. Schreier. 1,470,392; Oct. 9.
Windows, Water drain for. J. Hanson. 1,451,021; Apr. 10.
Windows, Wind-regulated shutter for. N. C. Jensen. 1,464,764; Aug. 14.
Windrow loader. E. Mowry. 1,467,392; Sept. 11.
Wine press. J. Szafka. 1,468,047; Sept. 18.
Winnowing machines, Feeding device for. J. M. Henriksen. 1,447,722; Mar. 6.
Wiping-down device. C. H. Oslund. 1,462,940; July 24.
Wire and manufacturing same, Solder-filled. L. H. Kirk. 1,465,553; Aug. 21.
Wire, Apparatus for and method of hardening or tempering. C. O. and C. D. Johnson. 1,476,448; Dec. 4.
Wire, Apparatus for spooling. J. M. Leidecker and J. G. Burch. 1,462,014; July 17.
Wire-assembling machine. E. A. Pigeon. 1,452,615; Apr. 24.
Wire, Barbed. R. Gösser. 1,454,584; May 8.
Wire, Barbed. A. W. Storey. 1,468,218; Sept. 18.
Wire-bending machine. A. W. Beere. 1,472,543; Oct. 30.
Wire-bending machine. G. Fumagalli, P. Cardone and C. Surico. 1,464,505; Aug. 14.
Wire-bending machine. O. Muller and F. C. Fischer. 1,448,567; Mar. 13.
Wire-bending machine. T. C. Russell and O. A. Langos. 1,470,106; Oct. 9.
Wire-binding device. D. Kenner. 1,474,265; Nov. 13.
Wire-block stripper. E. F. Brown. 1,477,687; Dec. 18.
Wire-block stripper. E. E. Kilmer and F. P. Groth. 1,475,435–6; Nov. 27.
Wirebound-box-blank machines, Feed mechanism for. J. Shellenberger. 1,447,490; Mar. 6.
Wire-bundling machine. A. J. Gerrard and P. Wright. 1,478,514; Dec. 25.
Wire-chain link. A. L. Johnson, jr. 1,463,281–2; July 31.
Wire-chain machine. M. Olson. 1,464,331; Aug. 7.
Wire-chain-making machine. A. Berg. 1,469,173; Sept. 25.
Wire, chain, woven-wire fencing, and the like, Apparatus for metal-coating. E. L. Watrous. 1,462,589; July 24.
Wire chains, Auxiliary device for inserting leaves of solder into the joints of the links of. E. Becker. 1,478,813; Dec. 25.
Wire clamp. J. F. Schleper. 1,458,247; June 12.
Wire-cloth-display roll rack. C. M. McCarthy. 1,462,349; July 17.
Wire, Continuously cleaning and drawing. E. Boley. 1,470,374; Oct. 9.
Wire-covering machine. W. E. Cook. 1,441,561; Jan. 9.
Wire-covering machine. W. E. Cook. 1,461,816–17; July 17.
Wire cutter, Hot-. H. B. Bush. 1,476,049; Dec. 4.
Wire deforming and severing machine. A. J. Gerrard and P. Wright. 1,453,456; May 1.
Wire distributor. J. W. Hendrix. 1,461,214; July 10.
Wire-drawing bench, Continuous. E. Boley. 1,470,375; Oct. 9.
Wire-drawing blocks, Clutching mechanism for. E. H. Carroll. 1,464,028; Aug. 7.
Wire-drawing machine, Continuous. J. A. Horton. 1,460,379; July 3.
Wire-drawing machinery, Die box for. J. R. George and W. E. Carroll. 1,465,730; Aug. 21.
Wire-drawing machinery or the like, Means for controlling associated mechanisms of. W. D. Pierson. 1,441,241; Jan. 9.
Wire-drawing machines, Die support for. C. H. Oslund. 1,447,356; Mar. 6.
Wire-drawing machines, Guard for. W. J. Gajkowski. 1,466,645; Aug. 28.
Wire-drawing machines, Lubricating system for. W. D. Pierson. 1,442,735; Jan. 16.
Wire-embedding tool. R. S. Benson. 1,447,059; Feb. 27.
Wire-enameling machine. J. A. Lewellyn. 1,472,024; Oct. 23.
Wire-enameling machine. A. Maring. 1,444,079; Feb. 6.
Wire fabric. J. S. Barnes. 1,467,416; Sept. 11.
Wire fabric, Machine for making. J. W. Taylor. 1,466,415; Aug. 28.
Wire-fabric manufacture. O. Muller, jr., and G. W. Burchett. 1,448,566; Mar. 13.
Wire fabrics, Producing. A. Purves. 1,475,352; Nov. 27.
Wire fabrics, Weaving. J. S. Barnes. 1,454,619; May 8.
Wire fastener. S. Y. Monckton. 1,473,497; Nov. 6.
Wire fasteners, Device for making spiral. C. P. Gray. 1,446,343; Feb. 20.
Wire feeding and cutting-off mechanism. W. E. Primrose. 1,468,511; Sept. 18.
Wire-fence clamp. W. G. Robinson. 1,477,901; Dec. 18.
Wire fence fabrics to posts, etc., Clip for fastening. R. L. Roney. 1,454,254; May 8.
Wire-fence fastener. W. H. Mason. 1,450,298; Apr. 3.
Wire-fence stretcher. W. G. Robinson. 1,477,902; Dec. 18.
Wire-fence stretcher. G. Smith. 1,469,205; Sept. 25.
Wire fixture, Electric-. C. Barton. 1,458,263; June 12.
Wire-forming device, Spiral-. G. A. Bonelli. 1,471,235; Oct. 16.
Wire frame. J. J. Williams. Re15,635; June 26.
Wire grip. C. H. Dicke. 1,466,426; Aug. 28.
Wire grip. M. Jacobsen. 1,449,945; Mar. 27.
Wire grip. C. J. Walton. 1,466,007; Aug. 28.
Wire-gripping device. O. A. Woolley. 1,477,740; Dec. 18.
Wire, Holder for coiled. E. H. Tate. 1,476,778; Dec. 11.
Wire holder, Quiller-. L. T. Houghton. 1,452,119; Apr. 17.
Wire-holding device. F. A. Decker. 1,449,975; Mar. 27.
Wire-hoop machine. G. E. Bull. 1,457,691; June 5.
Wire, Insulated electric. H. B. Burley and H. E. Rooney. 1,458,803; June 12.
Wire-insulation cutter and stripper. B. F. T. Bell. 1,452,634; Apr. 24.
Wire-joining method. B. J. Davidson. 1,453,447; May 1.
Wire-joining tool. S. F. Bauwens. 1,469,711; Oct. 2.
Wire-joining tool. S. F. Bauwens. 1,476,388; Dec. 4.
Wire-joining tool. B. J. Davidson. 1,453,446; May 1.
Wire joint. G. Dincognito. 1,454,156; May 8.
Wire-line clamp. E. C. Gilliam. 1,478,950; Dec. 25.
Wire-marking device. H. E. Shreeve. 1,458,155; June 12.
Wire, Method of and means for reducing, straightening, and winding. C. O., C. D., and B. A. Johnson. 1,474,778; Nov. 20.
Wire or the like, Means for gripping. W. Swann. 1,450,524; Apr. 3.
Wire, Pile. R. H. Parker. 1,450,512; Apr. 3.
Wire, Pile. R. E. Thompson. 1,450,525; Apr. 3.
Wire puller. J. R. Kearney. 1,464,939; Aug. 14.
Wire reel. H. J. Hanson. 1,463,696; July 31.
Wire reel or spool. C. L. Newton. 1,465,454; Aug. 21.
Wire reels. F. Yurcich. 1,443,450; Jan. 30.
Wire rods, Manufacture of. J. R. George. 1,476,333; Dec. 4.
Wire-rope knife. F. H. Leidecker. 1,475,019; Nov. 20.
Wire-rope-securing means. W. Goetz. 1,442,396; Jan. 16.
Wire-rope socket. D. W. Snow. 1,440,504; Jan. 2.
Wire spiller and lifting net. O. C. Wagner. 1,463,857. Aug. 7.
Wire splicer. F. A. Ropp. 1,453,524; May 1.
Wire-splicing tool. J. S. McChesney. 1,445,634–5; Feb. 20.
Wire-spoked wheel. L. M. Cooper. 1,474,405; Nov. 20.
Wire, Spooled. J. Cook. 1,468,994; Sept. 25.
Wire staples, Stapling machine for driving. E. H. Michener. 1,457,446; June 5.
Wire stitcher. J. Wolf and M. Burger. 1,460,526; July 3.
Wire straightening and cutting machine. E. F. Shuster. 1,466,002; Aug. 28.
Wire-straightening arbor. E. F. Shuster. 1,473,256; Nov. 6.
Wire-straightening machine. H. V. Backus. 1,475,736; Nov. 27.
Wire-straightening machine. L. Thompson. 1,473,261; Nov. 6.
Wire-strapping tool. L. Campbell. 1,463,869. Aug. 7.
Wire stretcher. J. Grimme. 1,472,167; Oct. 30.
Wire stretcher. R. V. Johnson. 1,473,150; Nov. 6.
Wire stretcher. E. F. Little. 1,457,531; June 5.
Wire stretcher. O. Simenson. 1,450,458; Apr. 3.
Wire stretcher. A. E. Trinkel. 1,451,410; Apr. 10.
Wire stretcher and hoist, Combination woven-. I. Hutcherson. 1,462,011; July 17.
Wire stretcher and puller. G. M. Wilson. 1,443,064; Jan. 23.

Alphabetical list of inventions—Continued.

Wire stretcher and splicer. J. Elder. 1,447,536; Mar. 6.
Wire stretcher and splicer, Combined. J. Elder. 1,442,928; Jan. 23.
Wire stretchers, Clamp for. G. Smith. 1,469,204; Sept. 25.
Wire stretching and tying machine. A. J. Gerrard. 1,460,649; July 3.
Wire-stretching tool. W. G. Lyons. 1,444,928; Feb. 13.
Wire support, Checkrow-. A. M. Schieberl. 1,459,163; June 19.
Wire tensioning and twisting machine. A. J. Gerrard and P. Wright. 1,456,127; May 22.
Wire tightener. F. Ness. 1,456,143; May 22.
Wire tightener, Flat or round. C. J. Rothermel. 1,475,245; Nov. 27.
Wire trolling-line and twine winder. W. H. Gruenhagen. 1,454,050; May 8.
Wire-twisting machine. A. Van Veen. 1,446,599; Feb. 27.
Wire-tying tool. L. R. Pomeroy. 1,472,763; Oct. 30.
Wire-weaving machine. G. H. Norris and E. A. Ernest. 1,472,988; Nov. 6.
Wire with deformed ends, Tie. A. J. Gerrard and P. Wright. 1,472,299; Oct. 30.
Wireworking machine, Continuous. C. H. Oslund. 1,441,707; Jan. 9.
Wireless amplifier. C. T. Allcutt. 1,450,275; Apr. 3.
Wireless communication. F. Lowenstein. 1,470,088; Oct. 9.
Wireless detector. W. H. Ruf. 1,460,734; July 3.
Wireless impulses, Apparatus for the receipt of. F. Conrad. 1,456,867; May 29.
Wireless receiving system. C. T. Allcutt. 1,440,432; Jan. 2.
Wireless receiving system. J. Slepian. 1,455,767–8; May 15.
Wireless selection system. R. B. Goldschmidt. 1,475,297; Nov. 27.
Wireless-signaling control device. E. H. Colpitts. Re. 15,538; Feb. 13.
Wireless signaling, Modulated signaling system particularly applicable to. N. Lea. 1,455,845; May 22.
Wireless signaling system. E. F. W. Alexanderson. 1,465,961–2; Aug. 28.
Wireless signals, Detector for. E. F. Randall. 1,475,027; Nov. 20.
Wireless telegraph calling device. W. H. Nottage and T. D. Parkin. 1,452,925; Apr. 24.
Wireless-telegraph receiver. L. B. Turner. 1,455,896; May 22.
Wireless telegraphy and telephony, Apparatus for. H. J. Round. 1,474,382; Nov. 20.
Wireless-telegraphy receiver. H. J. Round. 1,472,092; Oct. 30.
Wireless telegraphy, Receiving arrangement for. A. Meissner. 1,454,328; May 8.
Wireless telegraphy, Transmitting and receiving apparatus for. G. H. Clark. 1,461,754; July 17.
Wireless-telephone outfits, Detector for. W. F. Gehrig. 1,449,148; Mar. 20.
Wireless-telephone receiving apparatus. W. F. Gehrig. 1,448,207; Mar. 13.
Wireless telephony, Transmitter for. S. O. E. T. Trost. 1,468,250; Sept. 18.
Wireless tie insulator. H. A. Frederick. 1,470,322; Oct. 9.
Wireless transmitter. W. T. Ditcham. 1,452,960; Apr. 24.
Wireless transmitter. W. T. Ditcham. 1,454,598; May 8.
Wireless transmitting station. H. J. Round. 1,452,849; Apr. 24.
Wireless wave detector. E. P. Lindner. 1,441,988; Jan. 9.
Wires, Machine for capping bundles of tie. P. Wright. 1,455,953; May 22.
Wires, Machine for tying bundles of. P. Wright. 1,453,820; May 1.
Wires, Method and apparatus for inserting support. F. C. Ingold. 1,478,859; Dec. 25.
Wires or rods on intersecting lines, Welding. L. S. Lachman and E. Fulda. 1,447,792; Mar. 6.
Wiring system. J. W. Hill. 1,441,087; Jan. 2.
Wood and making same, Preserved. R. A. Marr, jr. 1,464,044; Aug. 7.
Wood and preparing it, Composition for impregnating. G. Coester. 1,463,674; July 31.
Wood, apparatus for defiberizing. G. Aicher and U. S. McMillan. 1,476,032; Dec. 4.
Wood-bending apparatus. F. H. Bancroft. 1,461,471; July 10.
Wood chipper. D. C. Andrews. 1,464,690; Aug. 14.
Wood, Composition for impregnating and preserving. L. Gohmert. 1,465,603; Aug. 21.
Wood-cutter sizer head. H. K. Hansen. 1,461,090; July 10.
Wood cutting and splitting machine, Combined. K. Mukai. 1,441,996; Jan. 9.
Wood-cutting machine. A. H. Carrier. 1,474,337; Nov. 13.
Woodcutting machine. A. White. 1,460,874; July 3.
Wood everlastingly flexible, Making. M. Hanemann. 1,457,974; June 5.
Wood, ivory, and other grained or figured materials or substances, Method and process of producing fabrications in imitation of. G. H. Cox. 1,469,035; Sept. 25.
Wood material and product thereof, Treatment of. V. H. Forssman. 1,469,362; Oct. 2.
Wood material and the product thereof, Production of homogeneous. V. H. Forssman. 1,465,937; Aug. 28.
Wood, Preserving. F. Bodmar. 1,473,899; Nov. 13.
Wood, Preserving. R. I. Smith. 1,467,819; Sept. 11.
Wood pulp, Apparatus for grinding. J. J. Warren. 1,465,069; Aug. 14.
Wood pulp, Digesting. E. Morterud. 1,478,614; Dec. 25.
Wood-screw machine. H. L. Smith. 1,474,177; Nov. 13.
Wood-splitting machine. W. Eastman. 1,457,960; June 5.
Wood-splitting machine. K. Mukai. 1,452,387; Apr. 17.
Wood-surfacing mechanism. G. Littleford and J. C. Kuykendall. 1,447,878; Mar. 6.
Wood, Treating. G. F. Lyon. 1,456,809; May 29.
Wood-treating plants, Automatic charging and discharging apparatus for. G. B. and J. B. Shipley. 1,478,259; Dec. 18.
Wooden tub. F. X. Pfluger. 1,453,994; May 1.
Woods and inlaid work on wood by the aid of transfer work, Producing imitations of valuable. R. W. Terlinden. 1,464,144; Aug. 7.
Woods and other porous substances, Treating. F. H. McPherson and J. M. Abrams. 1,456,323; May 22.
Woodworker's tool, Combination. J. G. Berger and A. G. Gardner. 1,448,187; Mar. 13.
Woodworking machine. C. F. Anderson and L. W. Knapp. 1,459,965; June 26.
Woodworking machine. C. F. Anderson and L. W. Knapp. 1,464,020; Aug. 7.
Woodworking machine. C. F. Bouin. 1,454,264; May 8.
Woodworking machine. E. J. Fager, jr. 1,449,317; Mar. 20.
Woodworking machinery. E. G. Ashley. 1,460,780; July 3.
Woodworking machinery. L. Fritz. 1,457,626; June 5.
Woodworking machinery. J. E. Hirst. 1,458,411; June 12.
Woodworking machines, Attachment for. S. Volkman. 1,452,008; Apr. 17.
Woodworking machines, Tool-supporting spindle for. J. Rock. 1,465,058–9; Aug. 14.
Woodworking mechanism. G. Littleford. 1,446,851; Feb. 27.
Woodworking tool. A. H. Hilker. 1,459,534; June 19.
Woodworking tool. R. W. Rhodes. 1,447,039; Feb. 27.
Woodworking tool and forming the cutting edge thereof. J. Rock. 1,465,060; Aug. 14.
Woodworking tool, Universal. J. H. Bloodgood. 1,457,492; June 5.
Woodworking tools, Cutting device for. S. Madsen. 1,451,995; Apr. 17.
Wool cards, Point-to-point breast for. E. V. Bates. 1,478,630; Dec. 25.
Wool cleaning. H. Y. McBride. 1,449,613; Mar. 27.
Wool-combing machine. M. Böhmer. Re15,528; Jan. 16.
Wool, etc., Machine for picking and burring. O. M. Godfrey. 1,470,827; Oct. 16.
Wool product. H. Y. McBride. 1,449,826; Mar. 27.
Wool to prepare it for manufacture, Treatment of. T. A. Coghlan. 1,478,203; Dec. 18.
Work and power stand, Combination. M. H. Fuller. 1,463,882; Aug. 7.
Work bench, Demountable. E. Teeken. 1,458,738; June 12.
Work driver. F. Müller. 1,449,126; Mar. 20.
Work feeder, Automatic. R. B. Gerhardt. 1,457,830; June 5.
Workholder. H. Davis. 1,464,064; Aug. 7.
Workholder. J. P. Fegely and J. H. Newhard. 1,442,932; Jan. 23.
Workholder. T. E. Purvis. 1,453,406; May 1.
Workholder. I. F. Woodrow. 1,452,949; Apr. 24.
Work holder and clamp. C. A. Vidinghoff. 1,464,375; Aug. 7.
Workholders, Adjustable support for. B. P. Graves. 1,474,525; Nov. 20.
Work holding and ejecting mechanism. C. W. Howe. 1,446,305; Feb. 20.
Work-holding clamp. J. H. Rowland. 1,446,811; Feb. 27.
Workholding device. H. S. Bergen. 1,478,096; Dec. 18.
Workholding device. M. S. Golembiewski. 1,445,016; Feb. 13.
Work-holding mechanism. M. L. Jeffrey. 1,440,388; Jan. 2.
Work-holding stand. C. O. Walper. 1,469,860; Oct. 9.
Work-positioning means. W. Hubbard. 1,446,465; Feb. 27.
Worksheets, Collated. J. A. Wherry. 1,474,747; Nov. 20.
Workstand, Mechanic's. H. E. Patrick, A. J. Peterson, and J. W. Bermes. 1,472,425; Oct. 30.
Work support. C. S. Andersen. 1,453,901; May 1.
Work support. W. V. Neal. 1,460,433; July 3.
Work support. J. H. Pope. 1,461,785; July 17.
Work support. W. T. B. Roberts. 1,456,040; May 22.
Work support and last. A. Latham. 1,448,070; Mar. 13.
Work supports, Actuating mechanism for. J. M. Benjamin. 1,460,362; July 3.

Work table, Convertible. W. B. Munn. 1,463,717; July 31.
Woven or knitted articles or fabrics, Apparatus for darning. H. L. Kingsmill. 1,478,984; Dec. 25.
Wrapped box, Semiloose-. H. B. Smith. 1,470,398; Oct. 9.
Wrapper. J. H. Johnson. 1,465,581; Aug. 21.
Wrappers, Sealing device for. J. B. Robbins. 1,476,419; Dec. 4.
Wrapping and packing small articles such as cigarettes, Machine for. W. E. Molins. 1,468,246; Sept. 18.
Wrapping and unwrapping machine. F. M. Pierce. 1,451,051; Apr. 10.
Wrapping machine. C. O. Brownell. 1,468,626; Sept. 25.
Wrapping machine. C. E. Campbell. 1,459,719; June 26.
Wrapping machine. S. Cooper. 1,445,622; Feb. 20.
Wrapping machine. H. de Escobales. 1,466,814; Sept. 4.
Wrapping machine. J. Faull. 1,465,976–7; Aug. 28.
Wrapping machine. R. S. Hatch. 1,459,054; June 19.
Wrapping machine. A. E. Hopkins. 1,452,604; Apr. 24.
Wrapping machine. F. W. Lev. 1,466,451; Aug. 28.
Wrapping machine. E. O Strom. 1,466,633; Aug. 28.
Wrapping machine. J. Scherner. 1,468,610; Sept. 18.
Wrapping machine. C. E. Steere. 1,474,181; Nov. 13.
Wrapping machine. E. C. Taylor. 1,474,651; Nov. 20.
Wrapping machine, Carton-. J. J. Millin. 1,453,719; May 1.
Wrapping machines, Printing attachment for. H. A. Sévigné. 1,466,000; Aug. 28.
Wreck-retrieving device. H. J. Schmitt. 1,455,122; May 15.
Wrecking tool. S. F. Anderson and A. Farb. 1,473,072; Nov. 6.
Wrecking tool. P. H. Fry. 1,472,517; Oct. 30.
Wrench: *See*—
Adjustable wrench. Plug wrench.
Can opening wrench. Quick-acting wrench.
Cap wrench. Quick-adjusting wrench.
Fruit-jar wrench. Quick-set wrench.
Geared wrench Ratchet wrench.
Headlight wrench. Ratchet socket wrench.
Jar-cap wrench. Rim wrench.
Jar wrench. Socket wrench.
Lamp wrench. Spark-plug wrench.
Nut wrench. Spoke wrench.
Pipe clamp and wrench. Strap wrench.
Pipe wrench.
Wrench. H. A. Allen. 1,440,950; Jan. 2.
Wrench. J. F. Astley. 1,470,421; Oct. 9.
Wrench. J. F. Bailey. 1,447,831–2; Mar. 6.
Wrench. L. L. Bailey. 1,477,928; Dec. 18.
Wrench. A. Bangert and F. May. 1,460,837; July 3.
Wrench. G. R. Barker. 1,452,951; Apr. 24.
Wrench. C. P. Brown. 1,455,423; May 15.
Wrench. C. R. Bryant. 1,466,947; Sept. 4.
Wrench. R. Buker. 1,443,002; Jan. 23.
Wrench. C. P. Byrne. 1,474,236; Nov. 13.
Wrench. C. A. Calvin. 1,448,053; Mar. 13.
Wrench. G. W. Cary. 1,456,620; May 29.
Wrench. L. E. Clark. 1,445,823; Feb. 20.
Wrench. W. H. Clopton, jr. 1,450,973; Apr. 10.
Wrench. J. P. Coughlin. 1,467,709; Sept. 11.
Wrench. J. P. Coughlin. 1,467,756; Sept. 11.
Wrench. A. A. Cress. 1,471,142; Oct. 16.
Wrench. O. H. Dickey. 1,458,037; June 5.
Wrench. F. J. Dorsch. 1,462,788; July 24.
Wrench. A. H. Duncan. 1,475,004; Nov. 20.
Wrench. C. R. Edwards. 1,446,619; Feb. 27.
Wrench. M. N. Erickson. 1,441,409; Jan. 9.
Wrench. A. S. Fisher. 1,444,907; Feb. 13.
Wrench. A. S. Fisher. 1,478,512; Dec. 25.
Wrench. J. H. Fones. 1,458,474; June 12.
Wrench. E. H. Fridley. 1,441,078; Jan. 2.
Wrench. A. Garbacz. 1,466,502; Aug. 28.
Wrench. I. C. Gellman. 1,451,906; Apr. 17.
Wrench. A. Gloor. 1,465,470; Aug. 21.
Wrench. T. F. Gore. 1,445,211; Feb. 13.
Wrench. B. J. Greer. 1,453,670; May 1.
Wrench. A. Guttly. 1,457,244; May 29.
Wrench. L. L. Hall. 1,459,291; June 19.
Wrench. F. Hooper. 1,450,083; Mar. 27.
Wrench. W. Hughes. 1,448,962; Mar. 20.
Wrench. W. D. Ittel. 1,463,822; Aug. 7.
Wrench. E. L. Jacobs. 1,477,355; Dec. 11.
Wrench. C. M. Jones. 1,452,079; Apr. 17.
Wrench. J. Jordan. 1,445,280; Feb. 13.
Wrench. T. Keller. 1,444,793; Feb. 13.
Wrench. G. W. Kelley. 1,464,004; Aug. 7.
Wrench. A. Komnenus. 1,454,444; May 8.
Wrench. G. Kuhns. 1,441,934; Jan. 9.
Wrench. G. F. and F. L. Le Bus. 1,476,341; Dec. 4.
Wrench. R. Mackin. 1,467,678; Sept. 11.
Wrench. W. A. Martin. 1,442,351; Jan. 16.
Wrench. E. Matthews. 1,466,136; Aug. 28.
Wrench. J. B. Menzl. 1,459,739; June 26.
Wrench. D. P. Miller. 1,468,913; Sept. 25.
Wrench. A. W. Minney. 1,440,404; Jan. 2.
Wrench. L. A. Morgan. 1,467,735; Sept. 11.
Wrench. K. Müller. 1,464,288; Aug. 7.
Wrench. V. L. Ochoa. 1,454,333; May 8.
Wrench. S. J. Ograbisz. 1,450,641; Apr. 3.
Wrench. O. W. Ormsby. 1,477,184; Dec. 11.
Wrench. J. E. Owen. 1,470,026; Oct. 9.
Wrench. V. F. L. Palm. 1,444,034; Feb. 6.
Wrench. J. R. Palmeter. 1,470,184; Oct. 9.
Wrench. J. R. Palmeter. 1,471,413; Oct. 23.
Wrench. A. Persinger. 1,445,551; Feb. 13.
Wrench. L. D. Phillips. 1,471,200; Oct. 16.
Wrench. H. D. Rahling. 1,469,533; Oct. 2.
Wrench. F. S. Ratcliffe. 1,450,224; Apr. 3.
Wrench. T. M. Renick. 1,462,246; July 17.
Wrench. W. J. Rhodes and K. Wollams. 1,468,834; Sept. 25.
Wrench. H. E. H. Schmieding. 1,441,120; Jan. 2.
Wrench. A. E. Silver. 1,441,183; Jan. 2.
Wrench. H. W. Small. 1,451,184; Apr. 10.
Wrench. E. Staehelin. 1,453,730; May 1.
Wrench. G. H. Turner. 1,443,296; Jan. 23.
Wrench. J. Villani. 1,446,529; Feb. 27.
Wrench. W. O. Vivarttas. 1,468,529; Sept. 18.
Wrench. R. Voinov. 1,455,822; May 22.
Wrench. J. Wahl. 1,457,719; June 5.
Wrench. F. E. Walden. 1,453,898; May 1.
Wrench. L. E. Wegner. 1,460,294; June 26.
Wrench. A. H. Wettwer. 1,452,668; Apr. 24.
Wrench, A. J. Whitfield. 1,442,548; Jan. 16.
Wrench. K. W. Wirtanen. 1,445,190; Feb. 13.
Wrench. C. J. Witzel. 1,461,810; July 17.
Wrench and can opener. J. Callista. 1,475,791; Nov. 27.
Wrench and the like. W. J. O'Neill. 1,455,147; May 15.
Wrench and pipe cutter, Combination. C. L. Anton. 1,449,486; Mar. 27.
Wrench and pliers, Combination. J. B. Singer. 1,472,312; Oct. 30.
Wrench and pliers, Combined. A. J. Meyer. 1,442,083; Jan. 16.
Wrench or tool. L. Stark. 1,474,798; Nov. 20.
Wringer: *See*—
Clothes wringer. Mop wringer.
Mop and wringer. Wash wringer.
Wringer. W. G. Beatty. 1,456,529; May 29.
Wringer. G. R. Keltie. 1,441,587; Jan. 9.
Wringer. S. and G. Leech. 1,476,759; Dec. 11.
Wringer. E. D. Misner. 1,453,568; May 1.
Wringer. W. H. Voss. 1,472,620; Oct. 30.
Wringer attachment. W. S. Osgood, jr. 1,477,713; Dec. 18.
Wringer mechanism. A. W. Krahn. 1,477,503; Dec. 11.
Wringer mechanism, Power-driven. H. E. Smith. 1,450,736; Apr. 3.
Wringer-operating mechanism. W. N. Rettinger. 1,477,150; Dec. 11.
Wringers, Adjustable support for clothes. W. S. Ireland. 1,474,969; Nov. 20.
Wringers and ironing machines, Guard for. F. Hrebek. 1,473,042; Nov. 6.
Wringers, Clothes guide for. B. T. Foley. 1,467,367; Sept. 11.
Wringers, Feeding attachment for power. E. L. Leimberger and A. Brasher. 1,450,891; Apr. 3.
Wringers, Pressure regulating and releasing apparatus for. A. W. Krahn. 1,460,423; July 3.
Wringers, Releasing device for. O. B. Woodrow. 1,470,312; Oct. 9.
Wringers, Safety device for motor-driven. F. Schau. 1,455,450; May 15.
Wringers, Safety device for power-driven. A. W. Kratz, jr. 1,474,045; Nov. 13.
Wringers, Trough or drain table for. W. H. Huenergardt. 1,440,604; Jan. 2.
Wringing apparatus. S. C. Lawlor. 1,469,942; Oct. 9.
Wringing machines, Waterboard for. R. A. Kowalsky 1,451,664; Apr. 10.
Wrinkles, Device for removing facial. H. L. Eager. 1,453,926; May 1.
Wristbands, etc., Clasp for. A. Walter. 1,444,574; Feb. 6.
Wrist pin. W. Aab. 1,477,622; Dec. 18.
Wrist pin. J. J. Krejci. 1,441,729; Jan. 9.
Wrist pin. J. S. Winkler. 1,466,325; Aug. 28.
Wrist pin, Adjustable. W. A. Hoblit. 1,443,534; Jan. 30.
Wrist-pin lock. A. A. Lovejoy. 1,475,346; Nov. 27.
Wrist support. H. H. Hansard. 1,469,315; Oct. 2.
Writer, Multicopy. E. Mauvais. 1,463,478; July 31.
Writing adding machines, Cross-footer register for. H. A. Foothorap. 1,455,196; May 15.
Writing and drawing surface. D. Evans. 1,455,579; May 15.
Writing implement. W. F. Kelly. 1,455,842; May 22.
Writing implements, Guard for. O. A. Gronlund. 1,455,879; May 22.
Writing instrument. C. S. Booth. 1,441,828; Jan. 9.
Writing instrument, Electric. C. R. Post. 1,447,730; Mar. 6.
Writing instrument, Multiple-. A. Visitacion. 1,463,983; Aug. 7.
Writing machine. H. Elmblad. 1,474,247; Nov. 13.
Writing machine. H. Graf. 1,471,654; Oct. 23.
Writing machines, adding machines, and the like, Copy carrier for. L. F. Amez-Droz. 1,458,457; June 12.
Writing pad. D. M. Kumpf. 1,456,927; May 29.
Wrought iron, Making. J. Aston. 1,469,374; Oct. 2.
Wrought iron, Manufacture of. J. Aston. 1,469,373; Oct. 2.
X-ray apparatus, Safety. E. L. Edwards and F. A. Farwell. 1,450,025; Mar. 27.

Alphabetical list of inventions—Continued.

X-ray-film holder. A. Segall. 1,474,174; Nov. 13.
X-ray-film holder. A. Hallenberg. 1,465,516; Aug. 21.
X-ray-film holder and examining frame. J. A. Adler. 1,478,504; Dec. 25.
X-ray mount. I. Kulik. 1,477,131; Dec. 11.
X-ray package, Dental. F. W. Lovejoy. 1,441,160; Jan. 2.
X-ray photography, Screen for. G. W. Richardson. 1,447,430; Mar. 6.
X-ray photography, Sensitized-film holder for. J. A. Heidbrink. 1,450,420; Apr. 3.
X-ray pictures. Device and method for making stereoscopic. L. W. Pease. 1,447,399; Mar. 6.
X-ray plate. L. A. Levy and A. L. Landau. 1,448,456; Mar. 13.
X-ray-plate changer. R. J. McKenna. 1,453,473; May 1.
X-ray plates, Holder for. F. W. Koehn. 1,444,077; Feb. 6.
X-ray radiation, Vibrating buckey diaphragm for scattered. H. F. Waite. 1,471,081; Oct. 16.
X-ray systems, Current regulator for. C. Fayer. 1,453,314; May 1.
X-ray systems, Filter indicator for. H. F. Waite. 1,449,357; Mar. 20.
X-ray work, Chair for. R. Levenson. 1,442,027; Jan. 9.
X-ray work, Film packet for. H. R. Raper. 1,467,876; Sept. 11.
Xylophone stand. J. B. Kohler. 1,440,471; Jan. 2.
Yarn and thread guide. F. W. Easton. 1,450,205; Apr. 3.
Yarn. Apparatus for making asbestos. J. A. Heany 1,451,824; Apr. 17.
Yarn, Asbestos. J. A. Heany. 1,458,577; June 12.
Yarn carriers upon their supports, Means for locking. B. A. Peterson. 1,476,021; Dec. 4.
Yarn clamp. E. T. Sampson. 1,466,485; Aug. 28.
Yarn cleaner. A. Ashworth. 1,442,990; Jan. 23.
Yarn cleaner. A. Ashworth. 1,459,135; June 19.
Yarn cleaner. A. C. Bergren. 1,458,917; June 12.
Yarn cleaner. R. G. Jennings. 1,473,908; Nov. 13.
Yarn cleaner. H. E. Van Ness. 1,456,261–2; May 22.
Yarn clearer. D. Gravel. 1,475,814; Nov. 27.
Yarn clearer and cleaner. J. H. Marsh. 1,469,423; Oct. 2.
Yarn-cleaning device. W. A. Barton and A. A. De Lewis. 1,448,612; Mar. 13.
Yarn, Creel and support for. F. A. Holt and G. Kershaw. 1,465,359; Aug. 21.
Yarn, Device for guiding, clearing, and tensioning. J. O. McKean. 1,462,292; July 17.
Yarn-examining machine. F. J. Schmutz. 1,448,980; Mar. 20.
Yarn holder. L. Blair. 1,450,835; Apr. 3.
Yarn holder and darner, Combined. T. O. Aked. 1,448,175; Mar. 13.
Yarn-inspecting machine. H. W. Unger. 1,459,865; June 26.
Yarn-let-off connection. J. W. Giles. 1,453,101; Apr. 24.
Yarn or thread, Means for maintaining uniform the tension upon. E. S. Hineline. 1,459,332; June 19.
Yarn-printing machine. A. Hanson, sr. 1,475,628; Nov. 27.
Yarn, rovings, or the like, Receptacle for transporting. G. S. Brown and L. M. Carpenter. 1,442,600; Jan. 16.
Yarn-tension device. J. O. McKean. 1,461,536–7; July 10.
Yarn tension device. J. O. McKean. 1,468,489; Sept. 18.
Yarn-tension device. A. M. Pigeon. 1,456,074; May 22.
Yarn-tube frame. J. G. Soderberg. 1,462,523; July 24.
Yarn-tube frames, Spool-bearing bracket for. E. H. Ryon. 1,462,520; July 24.
Yarn-twisting device. C. E. McLin. 1,466,180; Aug. 28.
Yarn wound in compact form, Bleaching of. J. T. and J. Brandwood. 1,472,958; Nov. 6.
Yarns wound in the form of cheeses, Bleaching, dyeing, or other fluid treatment of. J. and T. Brandwood. 1,454,312; May 8.
Yeast and the product, Manufacture of compressed. F. Hayduck. 1,449,102; Mar. 20.
Yeast, Apparatus for comminuting and drying. E. Klein. 1,447,789; Mar. 6.
Yeast composition and making the same. M. Kushiro. 1,477,132; Dec. 11.
Yeast, Growing of. B. A. Stagner. 1,457,319–20; June 5.
Yeast manufacture. F. Hayduck. 1,449,111; Mar. 20.
Yeast manufacture. F. Hayduck. Re15,716; Nov. 6.
Yeast manufacture. H. A. Kohman, R. Irvin, and R. J. Cross. 1,475,494; Nov. 27.
Yeast, Manufacture of. A. Wohl. 1,475,215; Nov. 27.
Yeast, Manufacture of compressed. F. Hayduck. 1,449,103–4; Mar. 20.
Yeast, Manufacturing. R. L. Corby and R. Glasgow. 1,475,471; Nov. 27.
Yeast, Manufacturing. A. J. M. Jensen. 1,474,674; Nov. 20.
Yeast, Precipitation and preparation of compressed. F Hayduck. 1,449,113; Mar. 20.
Yeast process, Low-alcohol. F. Hayduck. 1,449,105–10; Mar. 20.
Yeast process, Low-alcohol. F. Hayduck. 1,449,112; Mar. 20.
Yeast, Producing. M. Nilsson and N. S. Harrison. 1,449,127; Mar. 20.
Yeast to increase the baking strength, Pretreating dried. A. W. Hixson. 1,464,710; Aug. 14.
Yeast, Washing compressed. A. Wohl. 1,449,135; Mar. 20.
Yoke. U. C. Long. 1,444,692; Feb. 6.
Yoke and manufacturing the same, Draft. B. W. Kadel. 1,440,998; Jan. 2.
Yoke, Cattle. P. C. Gallaway. 1,462,743; July 24.
Yoke, Draft. E. P. Kinne. 1,449,418; Mar. 27.
Yoke, Drawbar. F. H. Bender. 1,450,167; Apr. 3.
Yoke, Head. W. R. Bailie. 1,472,541; Oct. 30.
Yoke, Safety neck. N. P. Larson. 1,477,066; Dec. 11.
Yoke, Shipping. C. A. Frode. 1,445,623; Feb. 20.
Yokes, Manufacture of drawbar. H. T. Anderson. 1,443,518; Jan. 30.
Yokes, Manufacturing draft-rigging. G. G. Floyd. 1,450,361; Apr. 3.
Zeolite and preparing same. W. J. Hughes and A. S. Behrman. 1,477,757; Dec. 18.
Zero-setting mechanism for machines of the Trinks type. K. V. Rudin. 1,442,004; Jan. 9.
Zinc and lead, Separating. E. H. Snyder. 1,453,289; May 1.
Zinc compounds, Metallurgical treatment of. E. P. Stevenson. 1,444,484; Feb. 6.
Zinc. Electroplating with. J. Haas, jr. 1,451,543; Apr. 10.
Zinc for use in relieving prickly heat, etc., Process and product of preparing stearate of. R. C. Farrell and C. E. Coogan. 1,463,881; Aug. 7.
Zinc oxide, Producing. E. P. Stevenson. 1,445,366; Feb. 13.
Zinc oxide, Production of. J. A. Singmaster and F. G. Breyer. 1,450,704; Apr. 3.
Zinc retort volatilization. G. S. Brooks. 1,471,774; Oct. 23.
Zinc tubing, Making. W. L. Woodward. 1,458,604; June 12.
Zinc white, Manufacture of. A. Nihoul. 1,463,483; July 31.
Zircon from undesirable substances, Separating. L. E. Barton and C. J. Kinzie. 1,451,004; Apr. 10.
Zirconium and similar ores, Decomposing. J. Koerner. 1,467,275; Sept. 4.
Zirconium dioxide, Producing. O. Ruff. 1,454,564; May 8.
Zirconium oxide, Recovering. M. N. Rich. 1,460,766; July 3.
Zithers, Mechanism for playing. P. Riessner. 1,457,187; May 29.
Zithers, Playing attachment for. G. H. Nobbs. 1,444,003; Feb. 6.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 1.

Asbestos, Crude. Hobdell, Way and Company. 167,527; May 1; Serial No. 165,995; published Jan. 9, 1923.
Bamboo lengths, Split. H. L. Leonard Rod Co. 168,732; May 29; Serial No. 172,337; published Feb. 13, 1923.
Birds, Canary. J. Schlagheck. 171,930; Aug. 14.
Blueberry plants. Joseph J. White, Inc. 170,674; July 17; Serial No. 172,458; published Apr. 24, 1923.
Broomroot. Parsons Trading Company. 165,122; Mar. 6; Serial No. 125,100; published Mar. 16, 1920.
Calfskins, Finished upper-leather. C. D. Brown & Co. 174,481–2; Oct. 16; Serial Nos. 178,160–1; published July 17, 1923.
Caoutchouc, Milk. F. R. Henderson & Co. 170,673; July 17; Serial No. 172,533; published Apr. 24, 1923.
Casein for the production of artificial horn; artificial horn, etc. Internationale Galalith-Gesellschaft Hoff & Co. 175,629; Nov. 6; Serial No. 174,522; published Aug. 21, 1923.
Chamois. Flegle & Saxe. 167,682; May 8; Serial No. 155,678; published Feb. 6, 1923.
Charcoal. New Jersey Charcoal Co. 175,803; Nov. 13; Serial No. 179,379; published Sept. 4, 1923.
Charcoal briquettes. Tennessee Eastman Corporation. 165,311; Mar. 6; Serial No. 160,517; published June 6, 1922.
Charcoal to be used in connection with stock and poultry feed. Walnut Growers Spray Manufacturing Company. 167,690; May 8; Serial No. 159,825; published Feb. 6, 1923.
Citrous trees and plants. Ocklawaha Nurseries. 171,676; Aug. 7.
Clay, Modeling. Laclede-Christy Clay Products Company. 176,358; Nov. 20.
Coal. W. W. Billard. 169,566; June 19.
Coal. Brilliant Coal Company. 165,611; Mar. 13; Serial No. 167,160; published Dec. 26, 1922.
Coal. Crescent Coal Co. 169,696; June 26.

Classified list of trade-marks registered—Continued.

Coal. Federal Coal Company. 163,063; Jan. 2.
Coal. H. L. Goodwin. 167,656; May 8; Serial No. 167,871; published Jan. 9, 1923.
Coal. King Coal Company. 169,816; July 3; Serial No. 167,966; published Apr. 3, 1923.
Coal. Manchester Coal Co. 169,568; June 19.
Coal. Montevallo Mining Company. 176,845; Dec. 4; Serial No. 182,355; published Sept. 18, 1923.
Coal. Montevallo-Straven Coal Co. 167,963; May 8.
Coal. Reeves Coal and Dock Co. 174,578; Oct. 23; Serial No. 164,194; published July 17, 1923.
Coal. Reliance Coal and Coke Co. 171,941. Aug. 14.
Coal. Reliance Coal Company. 168,979; May 29.
Coal. Rock Lick Smokeless Coal Company. 172,421; Aug. 28; Serial No. 174,977; published May 29, 1923.
Coal. Southern Coal & Coke Co. 167,599; May 1; Serial No. 169,653; published Jan. 9, 1923.
Coal. Southern Coal & Coke Co. 167,748; May 8; Serial No. 169,656; published Dec. 19, 1922.
Coal. Southern Coal & Coke Co. 168,689; May 29; Serial No. 169,653; published Feb. 13, 1923.
Coal. Southern Coal & Coke Co. 168,690; May 29; Serial No. 169,655; published Feb. 13, 1923.
Coal. Templeton Coal Company. 176,917; Dec. 4.
Coal. Victor-American Fuel Company. 165,905–6; Mar. 20.
Coal. Victor-American Fuel Company. 167,957; May 8.
Coal. Victor-American Fuel Company. 169,807; July 3; Serial No. 164,472; published Apr. 3, 1923.
Coal. Victor-American Fuel Company. 169,808; July 3; Serial No. 164,476; published Apr. 3, 1923.
Coal and coke. Pennsylvania Coal & Coke Corporation. 164,784; Feb. 27.
Coal and coke. Pennsylvania Coal & Coke Corporation. 168,748; May 29; Serial No. 171,384; published Feb. 13, 1923.
Coal and coke. Pennsylvania Coal & Coke Corporation. 168,749; May 29; Serial No. 171,386; published Feb. 13, 1923.
Coal and coke. Swastika Fuel Company. 169,060–1; June 5; Serial Nos. 171,597–8; published Mar. 27, 1923.
Coal, Bituminous. Maynard Coal Company. 169,889; July 3; Serial No. 158,191; published Apr. 3, 1923.
Coal, Bituminous. Westmoreland Coal Co. 22,955; renewed May 2, 1923.
Coal, Blacksmith. Dickinson Fuel Company. 176,048; Nov. 13; Serial No. 181,253; published Sept. 4, 1923.
Coal. Central Indiana Coal Co. 173,306; Sept. 18; Serial No. 179,516; published June 19, 1923.
Coal, coke, and charcoal. M. R. Segall. 173,311; Sept. 18; Serial No. 179,169; published June 19, 1923.
Coal. Elkhorn Coal Company. 175,541; Nov. 6; Serial No. 180,593; published Aug. 21, 1923.
Coal. Harrisburg Coal Mining Company. 174,444; Oct. 16; Serial No. 176,624; published July 17, 1923.
Coal. Harrisburg Colliery Company. 175,459; Nov. 6; Serial No. 182,584; published Aug. 21, 1923.
Coal. Little Cahaba Coal Co. 175,281; Oct. 30.
Coal molded and pressed into briquettes. Southern Gem Coal Corporation. 167,695; May 8; Serial No. 167,832; published Feb. 20, 1923.
Coal, Steam and domestic. Virginia Blue Gem Coal Corporation. 170,637; July 17; Serial No. 175,691; published Apr. 24, 1923.
Coal tar and coke, Crude. Alabama By-Products Corporation. 168,562; May 29; Serial No. 166,626; published Jan. 9, 1923.
Compound having the appearance of putty. Products Mfg. & Sales Co. 170,672; July 17; Serial No. 167,686; published Apr. 24, 1923.
Core facings, blackings, and binders, etc. Bird-Archer Company. 170,583; July 17; Serial No. 158,596; published Apr. 17, 1923.
Corn, Seed. O. P. Tiemann. 171,679; Aug. 7.
Cotton, Baled raw. Duncan, Fox & Co. 172,512; Aug. 28.
Cotton batting. Burton-Dixie Corporation. 163,031; Jan. 2.
Cotton batting. Marshall Field & Company. 163,120–4; Jan. 2.
Cotton batting. Stearns & Foster Company. 165,135; Mar. 6; Serial No. 151,407; published Oct. 31, 1922.
Cotton batting. Stearns & Foster Company. 165,415; Mar. 6; Serial No. 151,411; published Oct. 24, 1922.
Cotton, Raw. Anderson, Clayton, & Co. 175,472; Nov. 6; Serial No. 181,804; published Aug. 21, 1923.
Cottonseed. A. D. Mebane. 173,014; Sept. 11; Serial No. 173,848; published June 5, 1923.
Cottonseed, Selected. W. O. Rowden. 169,120; June 5.
Dogs, Thoroughbred. J. A. Albaugh. 163,215; Jan. 2.
Excelsior, excelsior products. Excelsior Wrapper Company. 165,394; Mar. 6; Serial No. 157,992; published Nov. 7, 1922.
Fiber, Artificial-silk. Textile Manufacturing Co. 163,186; Jan. 2.
Flour, Tripoli. American Tripoli Company. 167,792; May 8; Serial No. 165,109; published Feb. 6, 1923.
Fluorspar, Ground, lump, and gravel. Kentucky Fluor Spar Co. 168,754; May 29; Serial No. 171,541; published Feb. 13, 1923.
Fuels. Trent Process Corporation. 165,131–3; Mar. 6; Serial Nos. 160,681–3; published Oct. 31, 1922.
Fuller's earth. L. A. Salomon & Bro. 22,891; renewed Apr. 25, 1923.
Fur. Salomon & Wiener. 172,551; Sept. 4; Serial No. 173,214; published June 5, 1923.
Fur pelts. H. Rosenberg. 175,607; Nov. 6; Serial No. 173,443; published Aug. 21, 1923.
Fur skins. J. Becher. 168,626; May 29; Serial No. 167,762; published Feb. 13, 1923.
Fur skins. Cassileth & Schwartz. 170,678; July 17; Serial No. 169,754; published Apr. 24, 1923.
Fur skins. North American Fur Dyeing Company. 169,859; July 3; Serial No. 171,883; published Apr. 3, 1923.
Fur skins and pelts imitating seal. A. Pierini. 169,349; June 12; Serial No. 171,387; published Mar. 13, 1923.
Fur, skins, and pelts, Raw. A. Pierini. 169,350; June 12; Serial No. 171,388; published Mar. 13, 1923.
Fur skins dressed and dyed. Herman Basch & Co. 167,946; May 8; Serial No. 139,752; published Feb. 6, 1923.
Furs and pelts. A. Pierini. 174,955; Oct. 30; Serial No. 163,173; published Aug. 7, 1923.
Furs, skins, and peltries. Gustave J. Fuerth & Co. 168,654; May 29; Serial No. 165,864; published Jan. 2, 1923.
Furs, skins, hides, pelts, and dyed and dressed furs. Mendoza Fur Dyeing Works. 165,304; Mar. 6; Serial No. 163,226; published Oct. 10, 1922.
Goatskins, colt and horse hides, kips, and cow sides. C. A. Reynolds. 170,743; July 24; Serial No. 174,592; published Apr. 24, 1923.
Granite blocks. D. M. Barclay. 167,622; May 1; Serial No. 167,761; published Dec. 19, 1922.
Graphite. F. W. Ducommun & Frere. 165,948; Mar. 27; Serial No. 106,440; published Nov. 28, 1922.
Graphite. Superior Flake Graphite Company. 171,495; Aug. 7; Serial No. 171,968; published May 22, 1923.
Gravel, Paving. Allen Gravel Company. 170,112; July 10; Serial No. 159,676; published Apr. 3, 1923.
Hair and prepared hair stock, Raw. Hyman & Oppenheim. 167,924; May 8; Serial No. 170,293; published Feb. 20, 1923.
Hair, Human and animal. L. Levussove. 170,670; July 17; Serial No. 162,751; published Oct. 10, 1922.
Hides, furs. Haack & Company. 167,823; May 8; Serial No. 156,901; published Feb. 20, 1923.
Hops. A. J. Ray & Son, Inc. 168,200; May 15; Serial No. 165,414; published Feb. 6, 1923.
Hops. J. Sonnenschein Hop Company. 167,400; May 1; Serial No. 166,514; published Dec. 19, 1922.
Hops. J. Sonnenschein Hop Company. 170,545; July 17; Serial No. 173,149; published Apr. 24, 1923.
Hops. J. Sonnenschein Hop Company. 174,390; Oct. 16; Serial No. 173,148; published July 17, 1923.
Hops. T. L. Straus. 167,475; May 1; Serial No. 166,611; published Jan. 2, 1923.
Horticultural and floricultural products. S. Robert. 169,085; June 5; Serial No. 173,245; published Mar. 13, 1923.
Hydrocarbon materials or asphaltum products. R. M. A. Chacon. 172,720; Sept. 11; Serial No. 175,000; published June 5, 1923.
Ice. O. C. Irwin. 175,254; Oct. 30.
Kapok and crude rubber. Netherlands Corporation for Oversea Trade, Inc. 172,528; Sept. 4; Serial No. 173,522; published June 5, 1923.
Kapok and crude rubber. Netherlands Corporation for Overseas Trade, Inc. 172,527; Sept. 4; Serial No. 173,524; published June 5, 1923.
Leather. A. I. Duprey. 163,430; Jan. 9.
Leather. Endicott Johnson Corporation. 168,572; May 29; Serial No. 167,078; published Feb. 13, 1923.
Leather. P. Fernandez. 169,064; June 5; Serial No. 171,795; published Mar. 13, 1923.
Leather. C. G. Fleckenstein Company. 166,737; Apr. 10.
Leather. C. G. Fleckenstein Company. 166,754–5; Apr. 10.
Leather. C. G. Fleckenstein Company. 169,974; July 10; Serial No. 166,362; published Apr. 10, 1923.
Leather. Charles K. Fox, Inc. 171,502; Aug. 7; Serial No. 170,575; published May 22, 1923.
Leather. A. F. Gallun & Sons Co. 176,890; Dec. 4.
Leather. W. Graham. 170,436; July 17; Serial No. 171,693; published Apr. 10, 1923.
Leather. Kistler Leather Company. 169,045; June 5; Serial No. 158,931; published Feb. 27, 1923.
Leather. Kistler Leather Company. 174,407; Oct. 16; Serial No. 175,991; published July 3, 1923.
Leather. Magnus Hessberg Inc. 168,575; May 29; Serial No. 167,174; published Feb. 13, 1923.
Leather. W. & J. Martin. 172,718; Sept. 11; Serial No. 175,148; published June 5, 1923.
Leather. Monarch Leather Company. 168,317; May 22; Serial No. 168,222; published Dec. 19, 1923.
Leather. Monarch Leather Company. 171,965; Aug. 14.
Leather. Ohio Leather Company. 169,049; June 5; Serial No. 165,977; published Mar. 13, 1923.
Leather. A. O. Trostel. 169,051; June 5; Serial No. 167,274; published Mar. 27, 1923.
Leather. A. A. Williams. 174,571; Oct. 23; Serial No. 178,421; published July 17, 1923.
Leather. J. B. Yunker & Sons. 169,050; June 5; Serial No. 167,037; published Mar. 13, 1923.
Leather, Finished. Day-Gormley Leather Co. 169,040; June 5; Serial No. 119,153; published Feb. 27, 1923.

Classified list of trade-marks registered—Continued.

Leather, Finished sole. Louis Silberman & Sons. 163,169; Jan. 2.
Leather, Oak-tanned harness. J. G. Hoffmann Sons Co. 24,045; renewed Jan. 16, 1924.
Leather, Partly-prepared. Nickelsburg Brothers Company. 167,797; May 8; Serial No. 163,762; published Feb. 6, 1923.
Leather, Sole. C. G. Fleckenstein Co. 169,814; July 3; Serial No. 167,386; published Apr. 3, 1923.
Leather, Sole. Gutterman-Strauss Company. 167,639; May 1; Serial No. 167,980; published Dec. 19, 1922.
Leather, Sole. Wilder & Company. 171,678; Aug. 7.
Leathers. Hunt-Rankin Leather Co. 172,405; Aug. 28; Serial No. 174,450; published May 29, 1923.
Leathers. Robertson Leather Company. 173,695; Oct. 2; Serial No. 177,329; published June 19, 1923.
Leathers. Wolfe Leather Co. 171,629; Aug. 7; Serial No. 176,392; published May 22, 1923.
Lime, Hydrated. Charles Warner Company. 170,222; July 10; Serial No. 154,344; published Apr. 10, 1923.
Logs. Cadwallader Gibson Lumber Co. 171,564–5; Aug. 7; Serial Nos. 174,299–300; published May 22, 1923.
Logs and rough lumber. Dudley Lumber Company. 175,037; Oct. 30; Serial No. 178,598; published July 24, 1923.
Magnesite, Plastic calcined. American Mineral Production Company. 167,634; May 1; Serial No. 166,620; published Dec. 19, 1922.
Marble. Bond Marble Company. 169,065; June 5; Serial No. 172,256; published Mar. 13, 1923.
Molding composition. Industrial Molded Materials Company. 175,374; Nov. 6; Serial No. 167,353; published Aug. 28, 1923.
Moldings, castings, etc., Composition used in the manufacture of. American Cellulose & Chemical Manufacturing Company. 167,512; May 1; Serial No. 166,212; published Jan. 9, 1923.
Nitrocellulose compound, Sheeting made from. Bachmann Bros. 167,571; May 1; Serial No. 166,931; published Jan. 9, 1923.
Nursery products. Pfund Nursery Co. 170,528; July 17; Serial No. 174,028; published Apr. 24, 1923.
Parting compound or composition. Macco Co., Inc. 163,117; Jan. 2.
Patterns to facilitate the parting of the same from molds, Composition of matter used on. E. J. Woodison Co. 166,752; Apr. 10.
Pelts, sheep and lambs'. New Zealand Refrigerating Company. 166,535; Apr. 10; Serial No. 161,379; published Oct. 10, 1923.
Phenolic condensation product, Laminated. Diamond State Fibre Company. 175,089; Oct. 30; Serial No. 180,163; published Aug. 7, 1923.
Pitch, Hardwood. Rubber Service Laboratories Company. 175,004; Oct. 30; Serial No. 171,471; published Aug. 14, 1923.
Plastic material. Campagnie Generale d'Electricite. 165,949; Mar. 27; Serial No. 129,203; published Oct. 17, 1922.
Potato, cabbage, etc. plants, and sweet potatoes. B. J. Head. 169,926; July 3.
Pyroxylin, nitrocellulose, pyroxylin and artificial ivory. E. I. du Pont de Nemours & Company. 169,039; June 5; Serial No. 170,241; published Mar. 13, 1923.
Quartz, Fused. Exolon Company. 167,611; May 1; Serial No. 153,758; published Dec. 19, 1922.
Rattan products. W. M. Milne. 167,616; May 1; Serial No. 146,325; published Dec. 19, 1922.
Resins, coal, coke, rubber, etc. Tetralin-Gesellschaft mit beschränkter Haftung. 171,384; Aug. 7; Serial No. 142,047; published May 1, 1923.
Resins, etc., Synthetic. J. S. Stokes. 166,026; Mar. 27; Serial No. 163,717; published Oct. 10, 1922.
Rubber, Bituminous material for compounding. Barrett Company. 172,004; Aug. 21; Serial No. 173,692; published May 29, 1923.
Rubber, Bituminous material for compounding. Barrett Company. 172,213–4; Aug. 28; Serial Nos. 173,690–2; published May 29, 1923.
Rubber composition, Hard-. Nuloid Corporation. 172,659; Sept. 11; Serial No. 174,668; published June 5, 1923.
Rubber, Guayule. Continental Rubber Company of New York. 170,538; July 17; Serial No. 174,427; published Apr. 24, 1923.
Rubber products, Vulcanizable material used in the manufacture of. Rex-Hide Rubber Manufacturing Company. 163,158; Jan. 2.
Rubber sponges and rubber sponge for manufacturing purposes. Featheredge Rubber Company. 167,432; May 1; Serial No. 163,332; published Jan. 30, 1923.
Sand, Asphalt. Million Brothers. 164,783; Feb. 27.
Seed, Grass and field. Egyptian Seed Growers' Exchange. 170,388; July 17; Serial No. 170,759; published Apr. 10, 1923.
Seeds. J. Bolgiano Seed Co. 171,573; Aug. 7; Serial No. 172,859; published May 22, 1923.
Seeds, Agricultural and grass. Springfield Seed Company. 173,063; Sept. 11; Serial No. 176,431; published June 12, 1923.
Seeds and bulbs, Vegetable, flower, and lawn-grass. W. Atlee Burpee Co. 170,786; July 24; Serial No. 175,067; published Apr. 24, 1923.
Seeds and seed grains, Grass or field. H. E. Conklin. 168,325; May 22; Serial No. 166,345; published Dec. 19, 1922.
Seeds, Corn, cane, and cotton. O. W. Cliett. 176,939; Dec. 4.
Seeds, Farm. Summerour & Son. 173,110; Sept. 18; Serial No. 171,773; published June 12, 1923.
Seeds, Farm and garden. Pedigreed Seed Company. 167,694; May 8; Serial No. 167,890; published Feb. 20, 1923.
Seeds, Farm or agricultural. Albert Dickinson Company. 23,347; renewed July 11, 1923.
Seeds, Field and garden. Pedigreed Seed Company. 164,781–2; Feb. 27.
Seeds, Field, garden, and farm. Aggeler & Musser Seed Co. 171,454; Aug. 7; Serial No. 168,743; published May 1, 1923.
Seeds, Flower. W. Atlee Burpee Co. 170,785; July 24; Serial No. 175,066; publsihed Apr. 24, 1923.
Seeds, Flower and vegetable. W. Atlee Burpee & Co. 18,260; renewed Aug. 5, 1920.
Seeds, Garden. Stark Bros. Nurseries & Orchards Co. 167,985; May 8.
Seeds, Garden and flower. L. D. Waller Seed Co. 171,464; Aug. 7; Serial No. 167,542; published May 1, 1923.
Seeds, Grass, field, and garden. Colorado Milling & Elevator Company. 167,401; May 1; Serial No. 166,288; published Jan. 23, 1923.
Seeds, Vegetable. W. Atlee Burpee Co. 170,627; July 17; Serial No. 175,065; publisned Apr. 24, 1923
Seeds, Vegetable. Kehoe Preserving Company. 176,434; Nov. 27; Serial No. 176,521; published July 3, 1923.
Sheep and lambs' pelts. New Zealand Refrigerating Company. 163,379–8; Jan. 9.
Shell. E. H. Wardwell. 174,369; Oct. 16; Serial No. 175,331; published July 17, 1923.
Shell and grit. East Coast Trading Co. 173,196; Sept. 18; Serial No. 173,075; published June 19, 1923.
Silk, Artificial. Du Pont Fibersilk Company. 165,279; Mar. 6; Serial No. 153,876; published Oct. 31, 1922.
Silk waste, partly prepared, Artificial. Abeeco Mill, Inc. 175,547; Nov. 6; Serial No. 179,912; published Aug. 21, 1923.
Skins and furs, Raw. Herman Gabbe & Bro., Inc. 166,301; Mar. 27.
Skins and furs, Raw. J. D. Williams, Inc. 163,207; Jan. 2.
Sponges, cotton waste, shellac gums. William Zinsser & Company. 163,213; Jan. 2.
Trees, plants, shrubs, and bushes. F. M. Edwards. 174,414; Oct. 16; Serial No. 178,831; published July 17, 1923.
Vulcanizable material. Rex-Hide Rubber Manufacturing Company. 163,159; Jan. 2.
Wheat, alfalfa, and any other seed and seed potatoes. Minnesota Red River Valley Co-Operative Certified Seed Growers Association. 166,758; Apr. 10.
Wool. New Zealand Refrigerating Company, Limited. 171,438; Aug. 7; Serial No. 161,378; published May 1, 1923.
Wool. New Zealand Refrigerating Company, Limited. 171,439; Aug. 7; Serial No. 161,373; published May 1, 1923.
Wool. New Zealand Refrigerating Company Limited. 172,246; Aug. 28; Serial No. 161,380; published May 29, 1923.
Wool. Sociedad Anonima Financiera y Comercial Fuhrmann Limitada. 173,134; Sept. 18; Serial No. 178,633; published June 19, 1923.

CLASS 2.

Augers and bits, Boxes for containing. Irwin Auger Bit Company. 168,723; May 29; Serial No. 171,802; published Feb. 27, 1923.
Augers and bits, Roll cases for containing. Irwin Auger Bit Company. 168,722; May 29; Serial No. 171,800; published Feb. 27, 1923.
Automobile auxiliary gasoline tank. Sur-Duz Products Company. 171,462; Aug. 7; Serial No. 167,957; published May 8, 1923.
Bags. H. J. Dudley. 175,878; Nov. 13; Serial No. 180,056; published Sept. 4, 1923.
Bags and baskets, Cloth. W. T. Lane & Brothers. 171,646; Aug. 7.
Bags, aprons, News and coal. Allied Belting Company. 175,872; Nov. 13; Serial No. 179,128; published Sept. 4, 1923.
Bags, baskets, boxes, bottles, buckets, etc. Com-Unity Stores Sales Company. 165,909; Mar. 20.
Bags, baskets, butter pails, butter plates, etc. Inlander & Steindler. 166,338; Mar. 27.
Bags, Burlap. Bemis Bro. Bag. Co. 169,435; June 19; Serial No. 173,555; published Mar. 20, 1923.
Bags, Cloth mailing. American Sack Co. 168,454; May 22; Serial No. 173,991; published Feb. 27, 1923.
Bags, clothes protectors, clothespin aprons, Shoe. Al-Lon Manufacturing Company. 175,887; Nov. 13; Serial No. 180,647; published Sept. 4, 1923.
Bags, Cotton, burlap, and paper. Bemis Bro. Bag Company. 173,156; Sept. 18; Serial No. 145,544; published June 19, 1923.
Bags, Laundry. Tingue, Brown & Co. 170,226; July 10; Serial No. 174,758; published Apr. 3, 1923.

Bags, Mailing. Milwaukee Bag Co. 170,300; July 10; Serial No. 176,638; published Apr. 10, 1923.
Bags, Seamless. Southern Cotton Mills Agency, Inc. 175,249; Oct. 30.
Bags, Shoe and skate. James W. Brine Company. 176,001; Nov. 13; Serial No. 172,729; published Sept. 4, 1923.
Bags, soap boxes, wash-rag cases, cretonne bags, etc., Beaded. Calhoun, Robbins & Co. 168,039; May 15; Serial No. 172,205; published Feb. 20, 1923.
Bake pots. Cadmus Products Company. 164,552; Feb. 20.
Barrels, boxes, crates, fruit and vegetable containers. Little Rock Barrel & Box Co. 166,383; Apr. 3; Serial No. 169,679; published Dec. 19, 1922.
Barrels, pasteboard and wooden boxes, etc. B. Heller & Company. 170,992; July 24.
Barrels, Wooden. Atlantic Tank & Barrel Corporation. 166,227; Mar. 27; Serial No. 165,051; published Dec. 5, 1922.
Baskets. Edgerton Manufacturing Co. 176,428; Nov. 27; Serial No. 183,698; published Sept. 11, 1923.
Baskets, Metal refuse. Cyclone Fence Company. 176,938; Dec. 4.
Baskets, Shipping. Edgerton Manufacturing Co. 166,223; Mar. 27; Serial No. 168,923; published Dec. 5, 1922.
Boards, fabric winders, etc., Cloth and bolt. H. Bridgman Smith Company. 169,538; June 19; Serial No. 169,277; published Mar. 20, 1923.
Bottle containers or cases. Defiance Pressed Steel Company. 170,775; July 24; Serial No. 175,714; published Apr. 24, 1923.
Bottle holders, Perfume-. Lionel Trading Co. 164,325; Feb. 20.
Bottles and food containers, Vacuum-jacketed. Stanley Insulating Company. 164,562; Feb. 20.
Bottles and jars insulated, and casings for heat-insulated fillers. Icy-Hot Bottle Company. 163,343; Jan. 9.
Box or crate, Wall section for. G. X. Wendling. 170,349; July 10.
Box shooks. G. X. Wendling. 174,277; Oct. 9; Serial No. 178,318; published July 3, 1923.
Boxes and containers, Art. S. W. Long. 165,063; Mar. 6; Serial No. 166,081; published Dec. 12, 1922.
Boxes and containers comprising boxes and containers for cream, salve, pins, etc. E. I. du Pont de Nemours & Company. 168,825; May 29; Serial No. 170,237; published Mar. 13, 1923.
Boxes and containers, Shipping. H. E. Kondolf. 175,687; Nov. 6.
Boxes and containers, Tin. Myers Manufacturing Company. 166,186; Mar. 27; Serial No. 160,896; published Nov. 14, 1922.
Boxes, Bread and cake. A. Kreamer Inc. 163,356; Jan. 9.
Boxes, Cake. A. Kreamer Inc. 163,357; Jan. 9.
Boxes, cans, and receptacles of various shapes and sizes, Metallic. Tin Decorating Company of Baltimore. 164,422; Feb. 20.
Boxes, Collection. Central Committee Knesseth Israel of Jerusalem, Palestine, Inc. 168,379; May 22; Serial No. 169.395; published Feb. 20, 1923.
Boxes, envelopes, wrappers, etc., Corrugated fiber and paper. David Weber & Co. 175,885; Nov. 13; Serial No. 180,512; published Sept. 4, 1923.
Boxes, Fiber. Iowa Fiber Box Company. 170,761; July 24; Serial No. 176,475; published Apr. 10, 1923.
Boxes, Folding. Paraffine Companies, Inc. 168,045; May 15; Serial No. 173,205; published Feb. 20, 1923.
Boxes, Metallic plant. R. A. Conklin. 166,196; Mar. 27; Serial No. 162,159; published Dec. 19, 1922.
Boxes or containers, Fiber or corrugated board. Fibre Package Company. 164,322; Feb. 20.
Boxes or receptacles of various shapes and sizes. Tin Decorating Company of Baltimore. 169,521; June 19; Serial No. 172,619; published Mar. 20, 1923.
Boxes, Paper and fiber. Buffalo Box Factory. 169,570; June 19.
Boxes, Paper and pasteboard. Alderman, Fairchild Co. 166,004; Mar. 27; Serial No. 168,664; published Dec. 5, 1922.
Boxes, Pine. Western Pine Manufacturers Association. 166,019; Mar. 27; Serial No. 163,247; published Nov. 28, 1922.
Boxes, poultry coops, packing boxes, etc., Wooden bottle. Republic Box Company. 163,390; Jan. 9.
Boxes, Security, office, bond, etc., Tin. Merriam Manufacturing Company. 168,004; May 8.
Boxes, Tobacco, cigar, and cigarette. Lebwohl & Mindich. 174,375; Oct. 16; Serial No. 166,950; published July 17, 1923.
Boxes, wrappers, and receptacles, Candy. Pup Toys Company. 173,400; Sept. 25; Serial No. 175,159; published June 19, 1923.
Boxlike receptacles. H. B. Loeb. 168,383; May 22; Serial No. 169,489; published Feb. 20, 1923.
Cages, Bird. Andrew B. Hendryx Co. 168,147; May 15; Serial No. 173,316; published Feb. 27, 1923.
Cans and cans for packing and shipping ice cream, Milk-shipping. Des Lauriers Metal Products Co. Inc. 171,549; Aug. 7; Serial No. 178,233; published May 15, 1923.
Cans and cans used for packing and shipping ice cream, Milk-shipping. Des Lauriers Metal Products Co. Inc. 170,641; July 17; Serial No. 176,166; published Apr. 24, 1923.
Cans for coal oil and gasoline, Sheet-metal. Winfield Manufacturing Company. 168,588; May 29; Serial No. 164,139; published Mar. 13, 1923.
Cans, Garbage. E. C. Walker, 3d. 176,814; Nov. 27.
Cans made of tin. Thermokept Products Corporation. 163,405; Jan. 9.
Cardboard containers, Folding. Henry Schmidt and Bro., Inc. 164,149; Feb. 13.
Cardboard to be placed in fruit boxes to prevent the crushing of the fruit. S. Satake. 170,659; July 17; Serial No. 169,328; published Apr. 17, 1923.
Carryall or bag. C. B. Stanton. 169,527; June 19; Serial No. 163,295; published Mar. 20, 1923.
Cartons and boards. Weldfast System, Inc. 176,670; Nov. 27; Serial No. 182,324; published Sept. 18, 1923.
Cartons, caddies, and pasteboard packages. Morris Paper Mills. 165,830; Mar. 20; Serial No. 171,547; published Dec. 26, 1922.
Chests, Tool. C. S. Allen. 167,331; Apr. 24.
Coffee and the like, Empty containers for. Jas. H. Forbes Tea & Coffee Co. 171,356; Aug. 7; Serial No. 170,975; published May 15, 1923.
Coffee cans. A. Kreamer Inc. 163,355; Jan. 9.
Condiment holder. H. W. Stoner. 168,140; May 15; Serial No. 170,315; published Feb. 20, 1923.
Container and spreader, Mucilage. W. Knauth. 166,188; Mar. 27; Serial No. 161,259; published Dec. 5, 1922.
Container for packed powder and foodstuffs. J. Horan. 164,517; Feb. 20.
Containers. F. X. Eberle. 170,201; July 10; Serial No. 172,936; published Apr. 3, 1923.
Containers and boxes, Metal and paper fancy. Fred A. Wish Incorporated. 174,230; Oct. 9; Serial No. 180.638; published July 3, 1923.
Containers and shooks therefor, Wooden. California Barrel Co. 172,263; Aug. 28; Serial No. 176,946; published May 29, 1923.
Containers, Condiment. C. H. Haeseler. 174,244; Oct. 9; Serial No. 172,834; published July 3, 1923.
Containers for food products, Transparent. Page & Shaw, Inc. 174,213; Oct. 9; Serial No. 179,424; published July 3, 1923.
Containers, Galvanized black iron and sheet-iron. Wilson & Bennett Mfg. Company. 163,420; Jan. 9.
Containers or cabinets for holding and displaying goods. Oneida Community, Limited. 166,647; Apr. 10; Serial No. 164,066; published Jan. 23, 1923.
Containers, Plain and decorated tin. Fidelity Can Co. 164,263; Feb. 13; Serial No. 166,526; published Oct. 31, 1922.
Containers, Seamless steel. Seamless Steel Products Co. 163,760; Jan. 23.
Cooling containers. Glacifer Company. 168,345; May 22; Serial No. 148,023; published Feb. 20, 1923.
Corrugated boxes, envelopes, etc. David Weber & Co. 176,445; Nov. 27; Serial No. 180,511; published Sept. 18, 1923.
Crates and hampers, Shipping. Leigh Banana Case Company. 165,177; Mar. 6; Serial No. 170,495; published Dec. 12, 1922.
Crates made of wood. B. C. Rockwell. 164,410; Feb. 20.
Crates made of wood. Rockwell Manufacturing Company. 164,519; Feb. 20.
Cups, Paper. Mayer Coating Machines Co. 173,185; Sept. 18; Serial No. 169,028; published June 19, 1923.
Cylinders, bottles, flasks, etc. Mannesmannröhren-Werke. 175,994; Nov. 13; Serial No. 163,688; published Sept. 4, 1923.
Dishes and dispensing receptacles for paper dishes, Metal holders for paper. Vortex Mfg. Co. 174,234; Oct. 9; Serial No. 180,311; published July 3, 1923.
Display device. American Mint Company. 168,060; May 15; Serial No. 170,858; published Feb 20, 1923.
Egg-case fillers, ice cream and oyster pails, cartons, folding and stiff boxes, etc. Paraffine Companies. 165,203; Mar. 6; Serial No. 167,193; published Dec. 12, 1922.
Envelopes, Receptacle. Berkowitz Envelope Co. 164,381; Feb. 20.
Envelopes used as containers for bakery products. Holbrook Pie Baking Co. 163,747; Jan. 23.
Flour cans. A. Kreamer Inc. 163,105; Jan. 2.
Foil wrappers. United States Foil Company. 164,448; Feb. 20.
Garment bags, Paper. Rike Folding Box Company. 170,892; July 24; Serial No. 159,882; published Apr. 24, 1923.
Gasoline and oil tanks, Emergency. J. C. Mewshaw. 169,477; June 19; Serial No. 174,021; published Feb. 27, 1923.
Gauge, razor, wrench and other cases, tobacco and coin pouches, etc. M. H. Hibbard. 164,183; Feb. 13.
Glove and veil cases, photo cases, sewing boxes, etc. Hauser & Weil. 166,077; Mar. 27; Serial No. 159,032; published Dec. 5, 1922.
Hair receivers, pin trays, hatpin holders, etc. Herzfeld-Phillipson Company. 163,336; Jan. 9.
Hampers, Wooden. R. B. White. 176,596; Nov. 27; Serial No. 178,686; published Sept. 18, 1923.
Holy-water fountains, Pocket. Matre & Company. 169,658; June 26; Serial No. 166,951; published Mar. 27, 1923.
Iceless and fireless receptacles for retaining heat and cold. P. H. Brainard. 171,526; Aug. 7; Serial No. 176,061; published May 8, 1923.

Classified list of trade-marks registered—Continued.

Inkwells. J. Bachrach. 163,272; Jan. 9.
Jars, cases, and other receptacles. Aridor Company. 172,242; Aug. 28; Serial No. 163,850; published May 29, 1923.
Kits or containers for medical and surgical supplies. Ethicus Prompt Treatment Kit, Inc. 164,525; Feb. 20.
Knitted bags. Nitram Manufacturing Company. 166,522–3; Apr. 3; Serial No. 172,007–8; published Jan. 9, 1923.
Mail sacks, coal bags, letter-carrier pouches, etc., Canvas. Wm. E. Hooper & Sons Co. 164,014; Feb. 6.
Molded objects made from composition containing sulphur. F. J. Waldmeyer. 166,444; Apr. 3; Serial No. 166,543; published Jan. 9, 1923.
Oil cans, Oiler. Cannon Oiler Company. 165,779; Mar. 20; Serial No. 158,562; published Apr. 25, 1922.
Oil containers. J. W. Jackson. 167,337; Apr. 24.
Packages, Tin, metal, and paper. Acme Can Company. 176,044; Nov. 13; Serial No. 180,203; published Sept. 4, 1923.
Packages, Toilet. F. P. Hudnall. 170,063; July 10; Serial No. 172,045; published Apr. 3, 1923.
Pails, cans, bread boxes, Water and dairy. Schlueter Manufacturing Co. 172,106; Aug. 21; Serial No. 172,903; published May 29, 1923.
Pails, metal cans, boxes, and buckets, etc., Dinner. W. B. Bertels & Son Co. 164,567; Feb. 20.
Paper-bag holder or cabinet. American Rack Company. 168,840; May 29; Serial No. 170,747; published Feb. 27, 1923.
Paper bags. Crown Willamette Paper Company. 166,205; Mar. 27; Serial No. 169,349; published Nov. 14, 1922.
Paper bags. Crown Willamette Paper Company. 176,003; Nov. 13; Serial No. 182,401; published Sept. 4, 1923.
Paper bags. Hercules Paper Bag Co. Ltd. 19,344; renewed Apr. 14, 1921.
Paper bags. A. Herz. 168,046; May 15; Serial No. 173,567; published Feb. 20, 1923.
Paper bags. Hubbs & Corning Company. 168,726; May 29; Serial No. 171,845; published Feb. 27, 1923.
Paper bags. Le Montree Manufacturing Company. 163,751; Jan. 23.
Paper bags. Union Bag & Paper Corporation. 165,849; Mar. 20; Serial No. 169,040; published Jan. 2, 1923.
Paper bags. U. S. Paper Goods Co. 176,062; Nov. 13; Serial No. 180,911; published Sept. 4, 1923.
Paper bags. Zellerbach Paper Company. 176,002; Nov. 13; Serial No. 182,433; published Sept. 4, 1923.
Paper bags. Zellerbach Paper Company. 176,004; Nov. 13; Serial No. 182,455; published Sept. 4, 1923.
Paper bags. Zellerbach Paper Company. 176,005–7; Nov. 13; Serial Nos. 182,456–8; published Sept. 4, 1923.
Paper bags. Zellerbach Paper Company. 176,008; Nov. 13; Serial No. 182,460; published Sept. 4, 1923.
Paper bags. Zellerbach Paper Company. 176,010; Nov. 13; Serial No. 182,459; published Sept. 4, 1923.
Paper bags and chests. White Tar Company. 171,585; Aug. 7; Serial No. 175,447; published May 22, 1923.
Paper bags or sacks. Arkell & Smiths. 163,649; Jan. 23.
Paper-board containers, cartons, and paper boxes, Corrugated. Corrugated Container Company. 164,427; Feb. 20.
Paper boxes. F. N. Burt Company, Limited. 164,402; Feb. 20.
Paper boxes. F. N. Burt Company. 169,502–3; June 19; Serial Nos. 159,494–5; published Mar. 20, 1923.
Paper boxes. Schmeer's Paper Box Company. 169,631; June 26; Serial No. 174,112; published Mar. 27, 1923.
Paper boxes. Transogram Co. 172,173; Aug. 21.
Paper cans. National Paper Can Company. 170,767; July 24; Serial No. 177,317; published Apr. 24, 1923.
Paper cans. Union Paper Company. 170,356; July 10.
Paper cartons. Standard Paper Company. 170,302; July 10; Serial No. 176,659; published Apr. 10, 1923.
Paper cartons, having interlocking end flaps, Collapsible or folding. Chicago Carton Company. 163,297; Jan. 9.
Paper containers. Papercan Corporation. 163,444; Jan. 9.
Paper drinking cups. Charles F. Hubbs & Co. 165,835; Mar. 20; Serial No. 171,170; published Dec. 26, 1922.
Paper garment bags. Rike Folding Box Company. 167,998; May 8.
Paper pails. Western Paper Box Company. 175,207–9; Oct. 30; Serial Nos. 181,796–8; published Aug. 14, 1923.
Paper pie plate. Economy Box & Pie Plate Co. 163,737; Jan. 23.
Paper receptacles. Raymond Bag Company. 170,482; July 17; Serial No. 172,687; published Apr. 17, 1923.
Paper towels and toilet tissue, Dispensing cabinets for. National Paper Products Company. 163,516; Jan. 16.
Paper towels, napkins, etc., Dispensing devices for. Independent Paper Mills, Inc. 170,329; July 10; Serial No. 176,186; published Apr. 3, 1923.
Paper tubes to be used with explosive powder in blasting. Clark Patent Tubing Co. 170,043; July 10; Serial No. 175,069; published Apr. 10, 1923.
Parcel carrier. C. P. Atkins. 168,709; May 29; Serial No. 155,584; published Feb. 20, 1923.
Perfumery containers, Novelty. Almo Co. 166,016; Mar. 27; Serial No. 163,128; published Dec. 19, 1922.
Plates, Wooden. Oval Wood Dish Corporation. 170,180; July 10; Serial No. 176,204; published Apr. 10, 1923.
Poultry and hog equipment. Mit-Shel Stamping Mfg. Co. 163,130; Jan. 2.
Racks to receive whisk brooms and other clothes brushes, toothbrush holding racks, etc. Brush-holding. Fuller Brush Company. 163,742; Jan. 23.
Receptacles, and concrete vases, Reenforced-concrete garbage, ash, and rubbish. Detroit Concrete Receptacle Co. 166,089; Mar. 27; Serial No. 164,235; published Nov. 28, 1922.
Receptacles for carboys. Hercules Carboy Box Company. 172,411; Aug. 28; Serial No. 178,342; published May 29, 1923.
Receptacles for gloves, handkerchiefs, lingerie, and sewing materials. Tin Decorating Company of Baltimore. 170,114; July 10; Serial No. 160,165; published Apr. 3, 1923.
Receptacles for holding compressed air, Metal. H. H. Moore. 165,784; Mar. 20; Serial No. 164,651; published Jan. 2, 1923.
Receptacles, Vacuum-jacketed. Stanley Insulating Company. 163,179; Jan. 2.
Reels for hose. American Fork & Hoe Company. 177,387; Dec. 18; Serial No. 181,714; published Oct. 2, 1923.
Reels upon which wire is wound. F. Yurcich. 176,626; Nov. 27; Serial No. 162,233; published Sept. 18, 1923.
Refuse receptacles. Holbrook, Merrill & Stetson. 163,341; Jan. 9.
Rouge and powder compact package. Lazell Perfumer. 174,665; Oct. 23; Serial No. 170,300; published July 24, 1923.
Sanitary cans. Phoenix Metal Stamping Co. 166,233; Mar. 27; Serial No. 165,303; published Oct. 17, 1922.
Sewing boxes and tailor trays. J. A. Witt. 168,608; May 29; Serial No. 168,818; published Feb. 27, 1923.
Sewing case. B. S. Schwed. 170,202; July 10; Serial No. 173,010; published Apr. 3, 1923.
Shellac. Edward J. Shannon Company. 167,617; May 1; Serial No. 142,038; published Dec. 19, 1922.
Shipping and packing boxes for eggs. Anderson Box Company. 166,166; Mar. 27; Serial No. 165,778; published Dec. 19, 1922.
Shipping boxes. G. B. Lewis Company. 164,439; Feb. 20.
Shipping cases. W. H. Doble. 166,085; Mar. 27; Serial No. 157,715; published Dec. 5, 1922.
Shipping cases, Fiber. St. Regis Paper Co. 170,640; July 17; Serial No. 175,445; published Apr. 17, 1923.
Sifters, Ash. F. J. Bauer. 164,143; Feb. 13.
Shipping cases, Fiber and corrugated. Hummel & Downing Co. 163,659–60; Jan. 23.
Sifting tops for receptacles for holding flour, salt, pepper, etc. L. R. Eddy Company. 164,516; Feb. 20.
Silk fiber, Artificial-. A. David. 169,071; June 5; Serial Nos. 170,712–13; published Mar. 13, 1923.
Silk fiber, Artificial-. A. David. 169,073; June 5; Serial No. 170,713; published Mar. 13, 1923.
Skins, Dyed animal. Joseph Hollander, Inc. 169,977; July 10; Serial No. 166,741; published Apr. 10, 1023.
Spectacle cases. Pressto Leather Products Corporation. 169,473; June 19; Serial No. 173,720; published Mar. 20, 1923.
Stonework articles, Ornamental. A. L. T. Rustic Company. 174,258; Oct. 9; Serial No. 177,518; published July 10, 1923.
Sugar cans. A. Kreamer Inc. 163,106; Jan. 2.
Tanks. Chicago Bridge & Iron Works. 171,946; Aug. 14.
Tanks. Leader Iron Works. 171,575; Aug. 7; Serial No. 172,749; published May 22, 1923.
Tanks and mash tubs. Christopher Cunningham Company. 173,080; Sept. 11.
Tanks, Containing, oil, gasoline, pneumatic, and storage. J. E. Morriss. 163,133; Jan. 2.
Tanks, Metal. Youngstown Welding Company. 166,479; Apr. 3; Serial No. 170,231; published Jan. 9, 1923.
Tanks, Septic. Keynote Manufacturing Co. 174,363; Oct. 16; Serial No. 176,480; published July 17, 1923.
Tanks, Septic. United Cement Products Co. 163,260; Jan. 2.
Tanks, Sheet-metal. A. A. Kramer. 165,074; Mar. 6; Serial No. 163,153; published Dec. 12, 1922.
Tanks, Sheet metal. A. A. Kramer. 169,932; July 3.
Tea cans. A. Kreamer Inc. 163,354; Jan. 9.
Toothbrush containers. F. T. Conley. 170,295; July 10; Serial No. 175,771; published Apr. 17, 1923.
Trays and dishes, Single-service. F. M. Longnecker. 175,264; Oct. 30.
Vacuum vessels for food and liquids and parts of such vessels. Chemische Werke vorm. Auergesellschaft m. b. H. Kommanditgesellschaft. 166,108; Mar. 27; Serial No. 149,668½; published Dec. 5, 1922.
Vanity cases, Duplex. L. P. Dickey. 166.002; Mar. 27; Serial No. 168,576; published Dec. 5, 1922.
Vaults, Burial. Con-O-Lite Corporation. 170,642; July 17; Serial No. 176,072; published Apr. 17, 1923.
Vaults, Grave. National Grave Vault Co. 168,035; May 8.
Vessels, Temperature-retaining. American Thermos Bottle Company. 176,064; Nov. 13; Serial No. 181,102; published Sept. 4, 1923.
Vulcanized-fiber containers. Fibre Specialty Mfg. Co. 176,562; Nov. 27; Serial No. 180,426; published Sept. 18, 1923.

Wastebaskets, desk trays, and cash boxes. Guild Products Corporation. 163,332; Jan. 9.
Water bags. Wm. H. Hoegee Co. 164,367; Feb. 20.

CLASS 3.

Baggage. Hirschfelder & Meaney. 169,924; July 3.
Bags and pocketbooks, Ladies' hand. Goldberg Bros. 164,618; Feb. 20.
Bags, brief cases, and trunks, Traveling. A. Galewski & Sons, Inc. 165,184; Mar. 6; Serial No. 168,678; published Dec. 12, 1922.
Bags, Fancy. Dritz-Traum Co. 164,375; Feb. 20.
Bags, Hand. H. J. Gotthelf. 163,688; Jan. 23.
Bags, Hat. H. C. Gamble. 171,218; July 31; Serial No. 177,664; published May 15, 1923.
Bags, Ladies' leather, fabric, and beaded hand. Rosenfeld, Feldman & Lerner, Inc. 164,512; Feb. 20.
Bags, Ladies' vanity. O. J. Milnor. 171,387; Aug. 7; Serial No. 138,292; published May 15, 1923.
Bags, Mesh. Whiting & Davis Company. 163,418; Jan. 9.
Bags, Mesh. Whiting & Davis Company. 166,003; Mar. 27; Serial No. 168,661; published Nov. 7, 1922.
Bags, suitcases, portfolios, etc., Traveling. Brown Bag Co. 163,685; Jan. 23.
Bags, Traveling. Direct Method Company. 175,563; Nov. 6; Serial No. 182,572; published Aug. 28, 1923.
Bags, Traveling. New Process Company. 168,493–4; May 22.
Bottle holders, Nursing-. M. Hirschfeld. 166,182; Mar. 27; Serial No. 166,597; published Nov. 28, 1922.
Boxes, Vanity. Harriet Hubbard Ayer. 164,620; Feb. 20.
Buckles and straps for baggage, etc. J. H. Tabler. 169,594; June 26; Serial No. 137,973; published Mar. 27, 1923.
Cardcases. P. A. Gardner Leather Works, Inc. 177,797; Dec. 25.
Cardcases, billfolds, hand bags, school bags, etc. Marathon Tire & Rubber Company, 165,855; Mar. 20; Serial No. 148,498; published Jan. 2, 1923.
Cardcases, Leather. A. O. Trostel. 166,212; Mar. 27; Serial No. 169,102; published Dec. 19, 1922.
Cardcases, pocketbooks, portfolios. L. Stein. 169,626; June 26; Serial No. 173,448; published Mar. 27, 1923.
Cases and traveling bags, Coat and suit. Peerless Traveling Goods Co. 166,960; Apr. 17.
Collars, harness, and harness parts, Horse. Bona Allen, Inc. 176,671; Nov. 27; Serial No. 182,327; published Sept. 18, 1923.
Collars, Pads for horse. Schwahn-Seyberth Mfg. Co. 164,706; Feb. 27.
Hame attachments. U. S. Hame Company. 172,055; Aug. 21; Serial No. 178,481; published May 29, 1923.
Hame trimmings and saddlery hardware. U. S. Hame Company. 172,410; Aug. 28; Serial No. 178,311; published May 29, 1923.
Hames, hame trimmings, and saddlery hardware. U. S. Hame Company. 171,211–12; July 31; Serial Nos. 178,312–13; published May 15, 1923.
Hand bags and pocketbooks, Ladies'. J. Cyganiewicz. 170,787; July 24; Serial No. 175,071; published Apr. 24, 1923.
Hand bags and pocketbooks, men's pocketbooks, bill folds, and wallets, Ladies'. Jeffs & Co. 166,151; Mar. 27; Serial No. 156,280; published Dec. 19, 1922.
Handbags, Children's. Herz & Kory. 175,014; Oct. 30; Serial No. 177,557; published Aug. 14, 1923.
Hand bags, etc., Ladies' and children's. M. J. Vogel. 176,384; Nov. 27; Serial No. 177,153; published Sept. 11, 1923.
Hand bags, Ladies'. M. Weber & Co. 165,945; Mar. 20.
Hand bags, Ladies'. Blum & Mittenthal. 174,243; Oct. 9; Serial No. 179,847; published July 10, 1923.
Hand bags of leather and fabric and other leather goods. Marshall Field & Company. 166,256; Mar. 27; Serial No. 164,897; published Dec. 5, 1922.
Harness. Henry Blake Harness Company. 172,284; Aug. 28; Serial No. 168,292; published May 29, 1923.
Harness, collars, saddlery, and parts thereof. W. W. Gleckner & Sons Co. 174,282; Oct. 9; Serial No. 179,267; published July 10, 1923.
Hatboxes, suitcases, auto lunch kits, etc. Xcluso Auto Trunk & Specialty Corp. 175,543; Nov. 6; Serial No. 180,572; published Aug. 21, 1923.
Horse blankets. Glimmerglen Farms, Inc. 166,362; Apr. 3; Serial No. 170,525; published Dec. 19, 1922.
Horse-collar pad. Schwahn-Seyberth Mfg. Co. 163,397; Jan. 9.
Horse collars. G. Bernd Company. 174,217; Oct. 9; Serial No. 181,053; published July 10, 1923.
Horse overshoes. M. Blackman. 166,138; Mar. 27; Serial No. 146,683; published Sept. 26, 1922.
Horseshoes and horseshoe calks. Diamond Calk and Horseshoe Co. 168,676; May 29; Serial No. 144,607; published Feb. 27, 1923.
Key cases. F. G. Bowen. 171,449; Aug. 7; Serial No. 157,651; published May 8, 1923.
Kits and cases, Vanity. Bovee Novelty Company. 173,455; Sept. 25; Serial No. 178,325; published June 19, 1923.
Knapsacks, baggage and luggage devices, etc. S. Young. 173,139; Sept. 18; Serial No. 178,202; published June 19, 1923.
Knapsacks, baggage and luggage devices, etc. S. Young. 173,141; Sept. 18; Serial No. 178,201; published June 19, 1923.
Leather goods. J. B. Brooks & Co. 24,657; renewed May 8, 1924.
Leather goods. Charles K. Cook Company. 167,336; Apr. 24.
Leather goods. Nickelsburg Brothers Company (of N. J.). 163,139–40; Jan. 2.
Leather goods, Fancy. F. E. Sexauer. 176,391; Nov. 27; Serial No. 117,254; published Sept. 11, 1923.
Leather novelties. Elwood Myers Co. 164,663; Feb. 27.
Leather novelties. John Stember & Co. 163,698; Jan. 23.
Musical-instrument cases. Geib & Schaefer Co. 174,141; Oct. 2.
Pass holders. Emil Weissbrod & Sons. 168,734; May 29; Serial No. 172,408; published Mar. 13, 1923.
Pocketbooks and leather suitcases. Schwartz Bros. & Co. 177,790; Dec. 25.
Pocketbooks, bill folds, cardcases, etc. U. S. Leather Goods Company. 171,520; Aug. 7; Serial No. 173,455; published May 8, 1923.
Pocketbooks, purses, cardcases, tourists' and traveling cases, etc. Calhoun, Robbins & Co. 168,428; May 22; Serial No. 172,204; published Feb. 20, 1923.
Portfolios. Mochar Leather Goods Corporation. 168,507; May 22.
Portfolios (brief cases). New Process Company. 170,304; July 10; Serial No. 176,496; published Apr. 10, 1923.
Portfolios, pocketbooks, and wallets, Leather. A. O. Trostel. 166,272; Mar. 27; Serial No. 169,099; published Nov. 7, 1922.
Purses, pocketbooks, handbags, and roll-ups, Coin. E. J. Wilkins Co. 173,402; Sept. 25; Serial No. 175,448; published June 19, 1923.
Purses, school bags, bill folds, and hand bags, Coin. Dexter Manufacturing Co. 165,274; Mar. 6; Serial No. 158,114; published Dec. 12, 1922.
Purses, vanity cases, hand bags. Morgenstern & Brill. 163,755; Jan. 23.
Ring books, and leather coin pouches, key cases, and letter covers. Leather Products & Finishing Co. 170,560; July 17; Serial No. 173,902; published Apr. 17, 1923.
Sacks, saddles, horse collars, etc., Pack. Marshall-Wells Company. 173,457; Sept. 25; Serial No. 178,533; published June 19, 1923.
Saddles, harness, bridles, gun scabbards, gun cases. Kingsville Lumber Company. 164,879; Feb. 27.
Straps to hold children in high chairs, etc., Safety. Marathon Company. 166,340; Apr. 3; Serial No. 162,027; published Jan. 9, 1923.
Suitcases. Glass & Wohl. 163,325; Jan. 9.
Suit cases. New Process Company. 170,305–6; July 10; Serial Nos. 176,494–5; published Apr. 10, 1923.
Traces and harness. Ellsworth-Haffner Company. 163,656; Jan. 23.
Trunks. L. Goldsmith & Son, Inc. 171,645; Aug. 7.
Trunks. New Jersey Trunk Co. 166,063; Mar. 27; Serial No. 168,062; published Nov. 7, 1922.
Trunks. Osterweil Bros. Inc. 174,226; Oct. 9; Serial No. 180,771; published July 10, 1923.
Trunks and traveling bags. S. Oichman. 164,176; Feb. 13.
Trunks, suitcases, and traveling bags. Marshall Field & Company. 175,255; Oct. 30.
Trunks, suitcases, valises, etc. Wm. Filene's Sons Company. 177,580; Dec. 18.
Trunks, traveling bags, and portfolios. Henry Likly & Company. 163,362; Jan. 9.
Trunks, Wardrobe. New Process Company. 170,773; July 24; Serial No. 175,620; published Apr. 24, 1923.
Trunks, Wardrobe. Seward Trunk and Bag Company. 171,214; July 31; Serial No. 178,004; published May 15, 1923.
Vanity cases. A. Schocket. 168,337; May 22; Serial No. 158,585; published Feb. 20, 1923.
Vanity cases and ladies' hand bags. Ritter Brothers. 170,769; July 24; Serial No. 177,517; published Apr. 24, 1923.
Whips. Pomeroy & Van Deusen. 21,844; renewed Oct. 4, 1922.

CLASS 4.

Abrasives. A. P. Munning & Co. 171,294; Aug. 7; Serial No. 166,312; published Apr. 24, 1923.
Auto and furniture cleaner. R. Boyakin. 173,621; Oct. 2; Serial No. 166,036; published June 26, 1923.
Automobile bands, Nonchatter preparations for. Chat-Less-Ine Company. 175,205; Oct. 30; Serial No. 175,185; published Aug. 7, 1923.
Automobile cleaning preparation. A. L. Fawcett. 167,561; May 1; Serial No. 166,445; published Dec. 26, 1922.
Automobile top dressing. J. H. Morrill. 170,550; July 17; Serial No. 173,360; published Apr. 24, 1923.
Bearings, Compound for fitting in. Zip Manufacturing Co. 167,884; May 8; Serial No. 167,373; published Jan. 30, 1923.
Belt dressing. Duryea Manufacturing Company. 173,800; Oct. 2; Serial No. 173,742; published June 12, 1923.

Classified list of trade-marks registered—Continued.

Belt dressings. K. T. Rosenberg. 168,963; May 29; Serial No. 171,284; published Mar. 6, 1923.
Belting, Preparation for preserving, etc. Magic Leather Treatment Company. 176,951; Dec. 11; Serial No. 175,257; published Aug. 21, 1923.
Brake compound. Olsen-Moller Manufacturing Company. 172,107; Aug. 21; Serial No. 172,804; published May 1, 1923.
Brass and iron cleaners. Bird-Archer Company. 171,765; Aug. 14; Serial No. 158,595; published May 1, 1923.
Buffing rouge used in the buffing and polishing trade. A. P. Munning & Co. 170,533–6; July 17; Serial Nos. 174,321–4; published Apr. 24, 1923.
Buffing rouge used in the buffing and polishing trade. A. P. Munning & Co. 170,604–5; July 17; Serial Nos. 174,792–3; published Apr. 24, 1923.
Carbon-tetrachloride cleansing preparation. Home Products Inc. 167,789; May 8; Serial No. 165,952; published Jan. 30, 1923.
Chemical preparation for application to windshields. Fordyce & Jackson. 177,412; Dec. 18; Serial No. 180,756; published Sept. 25, 1923.
Chests, Cedar. Hill-Hoel Mfg. Co. 175,833; Nov. 13; Serial No. 181,944; published Aug. 21, 1923.
Cleaner and spot remover. Mission Bead Company. 165,892; Mar. 20.
Cleaner, Dry. Davis Chemical Company. 171,203; July 31; Serial No. 152,834; published Apr. 24, 1923.
Cleaning and polishing combination for leather goods. W. E. Harris. 173,882; Oct. 2; Serial No. 176,180; published July 3, 1923.
Cleaning and polishing powder, Metal. C. Paskocil. 169,437; June 19; Serial No. 173,296; published Mar. 20, 1923.
Cleaning and polishing preparations. F. A. Schulz and G. A. Philipp. 23,724; renewed Oct. 17, 1923.
Cleaning and renewing leathers, Preparation for. Whittemore Brothers Corporation. 176,817; Nov. 27.
Cleaning and whitening leather, and articles made therefrom, Dressing for. Whittemore Brothers Corporation. 176,772; Nov. 27.
Cleaning compound. A. Nehring & Sons Co. 167,766; May 8; Serial No. 169,916; published Jan. 30, 1923.
Cleaning compound. Reeder-Stage Chemical Company. 171,851; Aug. 14; Serial No. 170,954; published May 1, 1923.
Cleaning compound and soaps, General. A. S. Morgan. 168,171; May 15; Serial No. 166,843; published Feb. 13, 1923.
Cleaning compound for cleaning carpets, fabrics, etc., and hand soap D. F. Brownewell. 167,918; May 8; Serial No. 169,278; published Jan. 2, 1923.
Cleaning compound for rugs. J. J. Swayne. 173,879; Oct. 2; Serial No. 175,970; published July 10, 1923.
Cleaning compound, Porcleain-. Ace Manufacturing Company. 163,970; Feb. 6.
Cleaning fluid. R. A. Bassett. 167,526; May 1; Serial No. 165,850; published Jan. 30, 1923.
Cleaning fluid. Glo-Tex Company. 170,556; July 17; Serial No. 173,763; published Apr. 24, 1923.
Cleaning fluid. Gray's Laboratory, Inc. 177,796; Dec. 25.
Cleaning plates, Silver-. Mission Bead Company. 165,057; Mar. 6; Serial No. 166,530; published Dec. 5, 1922.
Cleaning powder. P. Tump. 173,795; Oct. 2; Serial No. 174,644; published May 29, 1923.
Cleaning powder for water-closet bowls. Hygienic Products Company. 169,498; June 19; Serial No. 155,436; published Feb. 28, 1922.
Cleaning preparation. E. F. Bernhard. 173,543; Sept. 25.
Cleaning preparation for bathtubs, sinks, porcelain, etc. T. E. Forster. 174,099; Oct. 2; Serial No. 134,467; published June 12, 1923.
Cleaning preparation for varnished, painted, and enameled surfaces, etc. G. W. Herrick. 166,255; Mar. 27; Serial No. 164,642; published Jan. 2, 1923.
Cleanser and dirt remover, Sanitary. H. C. Stoddard. 177,789; Dec. 25.
Cleanser for all kinds of finished surfaces. J. G. Baker. 174,014; Oct. 2; Serial No. 175,458; published June 5, 1923.
Cleanser for artificial teeth. F. Reiss. 177,374; Dec. 18; Serial No. 180,891; published Sept. 25, 1923.
Cleanser for false teeth. San-O-Dent Company. 174,936; Oct. 30; Serial No. 174,865; published July 24, 1923.
Cleanser for general household purposes with water-softening properties. Soap Salt Company. 177,785; Dec. 25.
Cleanser for rugs, carpets, etc. J. M. Hibler. 170,677; July 17; Serial No. 171,019; published Apr. 24, 1923.
Cleanser for the toilet, Antiseptic. Triple S Service Corporation. 173,798; Oct. 2; Serial No. 174,370; published July 3, 1923.
Cleanser for woodwork furniture, leather goods, and rugs. H. McMullen. 166,409; Apr. 3; Serial No. 166,697; published Dec. 12, 1922.
Cleansing and polishing fluid. Zip Products Company. 171,717; Aug. 14; Serial No. 147,328; published Aug. 23, 1921.
Cleansing and polishing powder. J. B. Williams Company. 173,547; Sept. 25.
Cleansing powder. Glenco Chemical Co. 167,901; May 8; Serial No. 169,357; published Jan. 30, 1923.
Cleansing solution having bleaching properties. R. J. Henry. 167,654; May 8; Serial No. 167,875; published Dec. 26, 1922.
Cloth polishing wheels. A. P. Munning & Co. 174,953; Oct. 30; Serial No. 166,192; published Aug. 7, 1923.
Cloths, Cleaning. L. P. Galbraith. 168,048; May 15; Serial No. 169,398; published Feb. 6, 1923.
Cloths for wiping glass, Chemically-treated. Gould Manufacturing Co. 165,055; Mar. 6; Serial No. 166,685; published Dec. 19, 1922.
Codfish, Salt. Gorton-Pew Fisheries Company. 174,601; Oct. 23; Serial No. 177,910; published July 24, 1923.
Compound for cleaning hands and the like. Whitehouse Products Co. 171,877; Aug. 14; Serial No. 172,700; published May 1, 1923.
Compounds for cleaning, coloring, and polishing footwear. Everett and Barron Company. 167,784; May 8; Serial No. 166,817; published Jan. 30, 1923.
Compound for cleaning rugs, carpets, canvas, etc. Tru-Blu Products Co. 167,525; May 1; Serial No. 165,837; published Jan. 2, 1923.
Corn meal, cracked wheat, health bran, etc. R. G. Lefavor. 165,241; Mar. 6.
Cosmetic, lotion cream jelly, and soap for the toilet. Sylvan Toilet Co. 24,186; renewed Feb. 6, 1924.
Cream in the form of a soap paste, Shaving. F. H. Gross. 168,617; May 29; Serial No. 169,167; published Feb. 13, 1923.
Cream, Shaving. P. Amsterdam. 173,814; Oct. 2; Serial No. 171,720; published June 5, 1923.
Cream, Shoe. A. G. Mead. 165,060; Mar. 6; Serial No. 166,511; published Dec. 19, 1922.
Creams and shaving sticks, Shaving. Weichsel Laboratories. 165,142; Mar. 6; Serial No. 149,666; published Dec. 12, 1922.
Detergent. Axxo Chemical Co. 174,812; Oct. 23; Serial No. 180,957; published July 24, 1923.
Dry-cleaning preparation. U. S. Specialty Mfg. Company. 163,543; Jan. 16.
Dusting and polishing cloth, Treated. J. E. Eastmond. 169,681; June 26; Serial No. 173,181; published Mar. 27, 1923.
Emery cloth and paper. M. Laur. 163,592; Jan. 23.
Enamel cleaner. B. Heller & Company. 167,298; Apr. 24.
Enamels, polishes, and cleaning compositions, also cleaning compositions for silver and gold, Shoe. Pee-Chee Cleaner Manufacturing Company. 168,054; May 15; Serial No. 170,033; published Feb. 6, 1923.
Fabrics, Liquid for cleaning. Wilson-Imperial Company. 171,853; Aug. 14; Serial No. 170,850; published May 1, 1923.
Fasteners made of ribbon or other material. M. J. A. Davy. 173,635; Oct. 2; Serial No. 172,586; published May 29, 1923.
Footwear, Cleaning and polishing preparation for. Everett & Baron Co. 163,230; Jan. 2.
Footwear, Cleaning, coloring, and polishing preparation for. Everett & Barron Co. 167,642; May 8; Serial No. 168,676; published Jan. 2, 1923.
Friction compound. Armiger Chemical Co. 169,467; June 19; Serial No. 173,618; published Mar. 20, 1923.
Furs, Composition for cleaning. L. Appleman. 164,001; Feb. 6.
Gas range dressing and polishing oil. Black Silk Stove Polish Works. 167,650; May 8; Serial No. 168,445; published Jan. 23, 1923.
Jewelry-cleaning outfit. Uklean Co. 168,964; May 29; Serial No. 171,237; published Mar. 6, 1923.
Lavatory cleanser. H. Pickup. 171,868; Aug. 14; Serial No. 174,259; published May 15, 1923.
Leather filler. Champion Fibre Company. 167,905; May 8; Serial No. 168,917; published Jan. 2, 1923.
Leather preservative. G. L. Reish. 174,018; Oct. 2; Serial No. 175,324; published July 3, 1923.
Leather preservatives. North Star Chemical Works, Inc. 174,121; Oct. 2; Serial No. 155,630; published June 5, 1923.
Lime polishing compositions. A. P. Munning & Co. 174,616; Oct. 23; Serial No. 179,214; published July 24, 1923.
Liquid shoe dressing. C. L. Hauthaway & Sons. 23,560; renewed Aug. 29, 1923.
Lye, Flake. Niagara Alkali Company. 173,595; Oct. 2; Serial No. 169,917; published June 26, 1923.
Metal cleaner and polish. Grady Mfg. Co. 167,544; May 1; Serial No. 170,583; published Jan. 2, 1923.
Metal polish. A-1 Manufacturing Company. 175,119; Oct. 30; Serial No. 176,318; published Aug. 7, 1923.
Metal polish. Barsum Bros. 169,491; June 19; Serial No. 137,512; published Sept. 5, 1922.
Metal polish. B. Heller & Company. 173,815; Oct. 2; Serial No. 171,757; published May 29, 1923.
Metal wool for cleansing, polishing, and scouring. Williams Company. 167,651; May 8; Serial No. 168,283; published Dec. 26, 1922.
Mowers and the like, Compound for honing lawn. Zip Maunfacturing Co. 167,885; May 8; Serial No. 167,374; published Jan. 30, 1923.
Oils for preserving leather and neat's-foot oil. New Zealand Refrigerating Company Limited. 167,455; May 1; Serial No. 161,381; published Jan. 2, 1923.

Oils for preserving leathers and neat's-foot oil. New Zealand Refrigerating Company Limited. 172,036; Aug. 21; Serial No. 161,375; published May 22, 1923.
Oils for treating artificial and real leather. Pierce Company. 165,073; Mar. 6; Serial No. 160,968; published Nov. 28, 1922.
Oils for treating leather. Pierce Company. 167,915; May 8; Serial No. 169,224; published Jan. 2, 1923.
Oils, Harness and sole-leather. Standard Oil Company. 173,597–8; Oct. 2; Serial Nos. 167,833–4; published June 5, 1923.
Oilstones, scythestones, whetstones, axstones, oil and water stones, etc. Pike Manufacturing Company. 171,350; Aug. 7; Serial No. 173,362; published Apr. 24, 1923.
Oilstones, scythestones, whetstones, hones, strops, etc. Pike Manufacturing Company. 170,680; July 17; Serial No. 173,783; published Apr. 24, 1923.
Outfit packages containing soap and towel. Warren Soap Manufacturing Company. 168,807; May 29; Serial No. 169,939; published Feb. 13, 1923.
Pantasote, leather, and rubber, Dressing and cleaner for. J. L. Hogland. 167,286; Apr. 24.
Paper, Abrasive. Minnesota Mining & Mfg. Co. 167,713; May 8; Serial No. 154,278; published Feb. 13, 1923.
Paper and cloth, Flint, garnet, and emery. American Glue Company. 169,485; June 19; Serial No. 174,648; published Mar. 20, 1923.
Paper and fresco cleaner, Wall-. Absorene Manufacturing Company. 165,384; Mar, 6; Serial No. 159,678; published Nov. 14, 1922.
Paper, sharpening stones, etc., Sand, emery, and garnet. Marshall-Wells Company. 175,906; Nov. 13; Serial No. 178,532; published Aug. 21, 1923.
Papers and cloth, Abrasive. Herman Behr & Company, Incorporated. 168,942; May 29; Serial No. 172,824; published Feb. 27, 1923.
Papers, electric abrasive cloth, etc., Aluminum-oxide, etc. H. H. Barton and Son Co. 171,082; July 31; Serial No. 173,461; published Apr. 24, 1923.
Paste cleaning preparation Q. Stewart Company. 163,777; Jan. 30.
Paste for cleaning false teeth. H. Merritt. 173,678; Oct. 2; Serial No. 178,182; published July 3, 1923.
Phonograph-record renewer cleaning preparation. Nu-Tone Products Co. 167,903; May 8; Serial No. 168,851; published Jan. 2, 1923.
Polish. H. D. Head. 173,396; Sept. 25; Serial No. 173,705; published June 19, 1923.
Polish, Aluminum and metal. Spicky Polish Corporation. 169,482; June 19; Serial No. 174,539; published Mar. 20, 1923.
Polish and dye for shoes, etc., Liquid. Commercial Chemical Co. 176,805; Nov. 27.
Polish and leather dressings, Shoe. Whittemore Brothers Corporation. 164,263; Feb. 13.
Polish and leather dressings, Shoe. Whittemore Brothers Corporation. 165,059; Mar. 6; Serial No. 166,516; published Dec. 19, 1922.
Polish, Brass. Sherwin-Williams Company. 103,857; Jan. 30.
Polish, dressings, and cleaners, Shoe. L. Vorgias. 175,881; Nov. 13; Serial No. 180,348; published Aug. 21, 1923.
Polish for automobiles. H. Shield. 164,365; Feb. 20.
Polish, Gold and silver. A. N. Sanderson. 174,693; Oct. 23; Serial No. 180,083; published July 24, 1923.
Polish, hand soap, and washing cream, Metal. A. H. Ross Co. 163,531; Jan. 16.
Polish, Liquid stove. Reflecto Stove Gloss Company. 163,804; Jan. 30.
Polish, Metal-. Sherman, Clay & Co. 163,808; Jan. 30.
Polish, Metal. Sum-Shine Polish Co. 165,143; Mar. 6; Serial No. 149,363; published July 25, 1922.
Polish, shaving cream, soap, etc., Shoe. MacLean Drug Company. 176,753; Nov. 27; Serial No. 175,504; published Sept. 11, 1923.
Polish, Shoe. Akin Manufacturing Company. 170,603; July 17; Serial No. 174,809; published Apr. 24, 1923.
Polish, Shoe. G. H. Capen. 167,730; May 8; Serial No. 155,394; published Jan. 23, 1923.
Polish, Shoe. L. H. Fisher. 175,118; Oct. 30; Serial No. 176,333; published Aug. 7, 1923.
Polish, Shoe. Kraft Chemical Company. 173,801; Oct. 2; Serial No. 173,651; published June 12, 1923.
Polish, Shoe. Nulusta Company. 177,826; Dec. 25.
Polish, Shoe. Shinola Company. 177,840; Dec. 25.
Polish, Shoe and leather. Sunbeam Chemical Company 165,110; Mar. 6; Serial No. 136,854; published Dec. 12, 1922.
Polish, Silver and metal. B. Heller & Company. 164,566; Feb. 20.
Polish, Stove. Argyle Chemical Works. 163,423; Jan. 9.
Polish, Stove. Capitol Chemical Company. 173,628; Oct. 2; Serial No. 162,721; published July 10, 1923.
Polish, Stove. Gabel Brothers. 175,987; Nov. 13; Serial No. 150,895; published July 31, 1923.
Polish, Stove. L. Nekritz. 169,410; June 12.
Polish, Stove. M. Reel. 168,894; May 29; Serial No. 168,789; published Feb. 27, 1923.
Polish, Stove. M. Siegel. 169,513; June 19; Serial No. 171,965; published Mar. 20, 1923.
Polish, Stove. D. Tobin. 168,059; May 15; Serial No. 170,316; published Feb. 6, 1923.
Polish, waterproof leather dressing, shoe polish, etc., Metal. A. H. Waterman. 165,194; Mar. 6; Serial No. 167,910; published Nov. 28, 1922.
Polishes and metal polishes, Stove. Black-Iron Stove Polish Co. 168,962; May 29; Serial No. 171,298; published Mar. 13, 1923.
Polishes for metal and boots and shoes. Nonsuch Manufacturing Co. 175,196; Oct. 30; Serial No. 175,207; published Aug. 7, 1923.
Polishes, Metal. J. T. Wood. 176,603; Nov. 27; Serial No. 179,981; published Sept. 11, 1923.
Polishes, Shoe and leather. H. R. Calvert. 173,757; Oct. 2; Serial No. 177,358; published June 5, 1923.
Polishes, Stove. J. H. Crocker. 175,694; Nov. 6.
Polishes, tile and marble cleaner, and soap chips., Metal and working-board. J. E. Smith. 169,793; July 3; Serial No. 169,036; published Mar. 27, 1923.
Polishing cloths for gold, silver, &c. Wm. A. Rogers Ltd. 163,392; Jan. 9.
Polishing composition, Lime. A. P. Munning & Co. 163,801; Jan. 30.
Polishing composition, Lime. A. P. Munning & Co. 171,747; Aug. 14; Serial No. 166,242; published May 1, 1923.
Polishing compositions. E. Reed Burns Manufacturing Corp. 170,499; July 17; Serial No. 171,009; published Apr. 24, 1923.
Polishing shoes, Ink for. A. Degerberg. 172,033; Aug. 21; Serial No. 163,436; published May 22, 1923.
Polishing wheels, Cloth. A. P. Munning & Co. 163,802; Jan. 30.
Polishing wheels, Cloth. A. P. Munning & Co. 171,748; Aug. 14; Serial No. 166,193; published May 8, 1923.
Polishing wheels, Cloth. A. P. Munning & Co. 171,749; Aug. 14; Serial No. 166,190; published May 8, 1923.
Powder for bathing, washing, and cleaning purposes. W. E. Brackett. 170,564; July 17; Serial No. 173,994; published Apr. 24, 1923.
Preparation for cleaning. Polygon Products Co. 173,754; Oct. 2; Serial No. 177,515; published July 3, 1923.
Preparation for cleaning and polishing bathtubs, washstands, etc. Kemoshyne Products, Inc. 174,990; Oct. 30; Serial No. 173,838; published Aug. 7, 1923.
Preparation for cleaning and polishing metals, glass, enamelware, etc. Pioneer Soap Company. 167,796; May 8; Serial No. 163,824; published Jan. 30, 1923.
Preparation for cleaning and removing stains from clothing, upholsteries, etc. Electro Silicon Co. 167,875; May 8; Serial No. 167,461; published Feb. 6, 1923.
Preparation for cleaning artificial dentures. Holland Specialty Company. 175,937; Nov. 13; Serial No. 174,647; published July 24, 1923.
Preparation for cleaning clothes and fabrics. Mueller & Goetz. 175,884; Nov. 13; Serial No. 180,452; published Aug. 21, 1923.
Preparation for cleaning fresco, oilcloth, enamels, varnishes, etc. A. F. Hedberg. 168,618; May 29; Serial No. 167,465; published Feb. 13, 1923.
Preparation for polishing and cleaning gold, silver, etc., Liquid. H. M. Burch. 165,204; Mar. 6; Serial No. 167,380; published Nov. 28, 1922.
Preparation for removing grease spots, washing the head, cleaning silverware, and killing bedbugs. I. N. Eaton. 169,528; June 19; Serial No. 165,359; published Dec. 26, 1922.
Preparation for removing ink, dirt, and grease. Chalmers Chemical Company. 173,592; Sept. 25.
Preparation for removing stains and dirt. L. W. Fountain. 175,016; Oct. 30; Serial No. 177,479; published Aug. 7, 1923.
Preparation for use as a stove polish for blackening iron surfaces, etc. E. B. Welch. 163,783; Jan. 30.
Preparation for use in addition to soap for washing clothes. R. G. Koch. 163,809; Jan. 30.
Preparation for washing clothes and a household cleaner for washing woodwork, etc. N. L. Wills. 167,920; May 8; Serial No. 169,341; published Jan. 2, 1923.
Preparation for whitening and coloring buckskin leather. Joseph Pickering & Sons. 18,578; renewed Nov. 4, 1920.
Preparation to be applied to linen collars for presenting to the collar a new and fresh appearance. W. L. Scholl. 170,331; July 10.
Preparation used as a general household cleaner. Atlantic Laboratories. 172,026; Aug. 21; Serial No. 169,146; published May 22, 1923.
Razor strop. Illinois Razor Strop Company. 163,790; Jan. 30.
Razor strops. Strevell-Paterson Hardware Co. 168,911; May 29; Serial No. 157,450; published Feb. 27, 1923.
Razor strops. G. N. W. Wilson. 171,304; Aug. 7; Serial No. 164,684; published Apr. 24, 1923.
Receptacles for foods, drinks, etc., Double-walled. Isola Gesellschaft für Warme- und Kälte Isolierung. 168,088; May 15; Serial No. 160,608; published Feb. 27, 1923.
Renovating, cleaning, and metal-polishing preparations. Pom Chemical Co. Inc. 173,969; Oct. 2; Serial No. 168,124; published May 15, 1923.

Classified list of trade-marks registered—Continued.

Rug and carpet cleaning compound and hand cleanser. Vapo Products Company. 167,900; May 8; Serial No. 169,145; published Jan. 30, 1923.
Rug-cleaning compound. Rugclenso Mfg. Co. 173,631; Oct. 2; Serial No. 160,778; published May 29, 1923.
Scouring and mopping powder, potash oil soap, soap powder, toilet soap, etc. Du Bois Soap Company. 165,416; Mar. 6; Serial No. 151,711; published Dec. 19, 1922.
Scouring and polishing preparations. F. A. Schulz and G. A. Philipp. 23,820; renewed Nov. 14, 1923.
Scouring utensils. Chore Utensils Corporation of America. 171,348; Aug. 7; Serial No. 173,321; published Apr. 24, 1923.
Scrubbing compound. U. S. Sanitary Specialties Corporation. 177,560; Dec. 18; Serial No. 173,542; published Sept. 25, 1923.
Shade cloths, Chemical cleaner for. Chemitex Products Company. 167,448; May 1; Serial No. 163,779; published Jan. 23, 1923.
Shaving cream. Miller Laboratories, Inc. 165,551; Mar. 13; Serial No. 151,370; published Nov. 14, 1922.
Shaving sticks. J. B. Williams Company. 169,108; June 5.
Shoe-cleaning fluids. D. H. Weinstein. 168,864; May 29; Serial No. 172,138; published Mar. 6, 1923.
Shoe dressing. Ex Lent Manufacturing Co. 167,801; May 8; Serial No. 161,722; published Jan. 30, 1923.
Shoe dressing and cleaner, Canvas-. Owl Drug Company. 169,934; July 3.
Shoe dressing, auto top and carriage top dressing. H. Nevins. 169,099; June 5.
Shoe dressings. Thomsen Company. 177,679; Dec. 25; Serial No. 167,927; published Sept. 25, 1923.
Shoe-shining preparation. Sanderson's Tintine Co. 173,763; Oct. 2; Serial No. 177,245; published June 26, 1923.
Silverware, Preparation for cleaning. W. J. Buchner. 168,026; May 8.
Soap. Barclay & Co. 165,069; Mar. 6; Serial No. 164,535; published Dec. 5, 1922.
Soap. A. H. Beach. 172,027; Aug. 21; Serial No. 169,116; published May 22, 1923.
Soap. Buster Brown Soap Company. 167,600; May 1; Serial No. 169,574; published Jan. 2, 1923.
Soap. F. G. Burke. 169,781; July 3; Serial No. 172,508; published Mar. 27, 1923.
Soap. Cincinnati Soap Company. 166,152; Mar. 27; Serial No. 156,259; published Feb. 28, 1922.
Soap. Colgate & Company. 167,542; May 1; Serial No. 170,710; published Jan. 23, 1923.
Soap. Colgate & Company. 167,949; May 8.
Soap. Colgate & Company. 169,480; June 19; Serial No. 174,292; published Mar. 20, 1923.
Soap. Globe Soap Company. 163,433; Jan. 9.
Soap. Harris Soap Company. 171,743; Aug. 14; Serial No. 166,945; published May 15, 1923.
Soap. Haskins Brothers & Company. 167,655; May 8; Serial No. 167,873; published Jan. 2, 1923.
Soap. Haskins Brothers & Company. 175,780; Nov. 13; Serial No. 178,609; published Aug. 21, 1923.
Soap. Haskins Bros. & Company. 175,874; Nov. 13; Serial No. 179,201; published Sept. 4, 1923.
Soap. Cerecedo Hnos. & Co. Sucrs. 167,586; May 1; Serial No. 170,122; published Jan. 2, 1923.
Soap. Internationala Limited. 167,956; May 8.
Soap. Andrew Jergens Company. 176,193; Nov. 20; Serial No. 148,150; published Oct. 3, 1922.
Soap. Lady Janis Perfume Co. 169,469; June 19; Serial No. 173,653; published Mar. 20, 1923.
Soap. Latheral Soap Company. 167,757; May 8; Serial No. 170,531; published Jan. 30, 1923.
Soap. Laundrene Soap Co. 167,720; May 8; Serial No. 146,079; published Dec. 26, 1922.
Soap. Le Blume Import Co. 168,907; May 29; Serial No. 163,313; published Mar. 6, 1923.
Soap. Lever Brothers Company. 167,446; May 1; Serial No. 164,548; published Jan. 2, 1923.
Soap. Lever Brothers Company. 174,859; Oct. 23; Serial No. 180,610; published July 24, 1923.
Soap. Eli Lilly and Company. 173,605; Oct. 2; Serial No. 166,459; published June 26, 1923.
Soap. Lye-Less Soap Corporation. 165,207; Mar. 6; Serial No. 166,776; published Nov. 28, 1922.
Soap. A. Malsin. 176,514; Nov. 27; Serial No. 164,060; published Sept. 11, 1923.
Soap. R. E. Meyer. 169,034; May 29.
Soap. Northern Jobbing Company. 168,900; May 29; Serial No. 166,900; published Feb. 27, 1923.
Soap. Palisade Manufacturing Company. 173,886; Oct. 2; Serial No. 176,357; published July 10, 1923.
Soap. W. Polatsik. 167,283; Apr. 24.
Soap. Remiller Co. 168,218; May 15; Serial No. 172,353; published Feb. 20, 1923.
Soap. Remiller Co. 169,470; June 19; Serial No. 173,673; published Mar. 20, 1923.
Soap. Remmers Soap Company. 168,402; May 22; Serial No. 171,551; published Feb. 20, 1923.
Soap. Remmers Soap Company. 168,960; May 23; Serial No. 171,589; published Mar. 6, 1923.
Soap. N. Rieser Company. 169,523–5; June 19; Serial Nos. 172,654–6; published Mar. 20, 1923.
Soap. Theo. B. Robertson Products Co. 163,446; Jan. 9.
Soap. Soap Manufacturing Company. 168,913; May 29; Serial No. 156,026; published Mar. 13, 1923.
Soap. Susanna Cocroft Laboratories Inc. 174,799; Oct. 23; Serial No. 180,751; published July 24, 1923.
Soap. Susanna Cocroft Laboratories Inc. 175,150; Oct. 30; Serial No. 180,750; published Aug. 7, 1923.
Soap. Taunton Electro-Chemical Company. 174,020; Oct. 2; Serial No. 175,277; published July 3, 1923.
Soap. Taylor and Atkinson. 169,490; June 19; Serial No. 124,556; published May 9, 1922.
Soap. Alberto Vales Company. 167,644; May 8; Serial No. 168,591; published Jan. 2, 1923.
Soap. Van Camp Packing Company. 175,201; Oct. 30. Serial No. 175,115; published Aug. 7, 1923.
Soap. Warren Soap Manufacturing Company. 167,551; May 1; Serial No. 158,740; published Mar. 28, 1922.
Soap. A. F. Wasserman. 174,628; Oct. 23; Serial No. 179,574; published July 24, 1923.
Soap. J. B. Williams Company. 177,510; Dec. 18; Serial No. 162,790; published Sept. 25, 1923.
Soap. U. S. Sanitary Specialties Corporation. 177,559; Dec. 18; Serial No. 173,545; published Sept. 25, 1923.
Soap. Young & Wile, Ltd. 168,951; May 29; Serial No. 172,252; published Mar. 6, 1923.
Soap and paste. Quick Klean Kemical Company. 171,644; Aug. 7.
Soap and scouring compounds. Bonded Products Corporation. 174,873; Oct. 23; Serial No. 180,206; published July 24, 1923.
Soap and shaving powder, Toilet. Karlsruher Parfümerie- & Toiletteseifen-Fabrik, F. Wolff & Sohn, Gesellschaft mit beschränkter Haftung. 171,096; July 31; Serial No. 173,710; published Apr. 24, 1923.
Soap and soap flakes. Prouty-Bowler Soap Co. 174,901; Oct. 23; Serial No. 178,771; published July 24, 1923.
Soap and soap mixtures. Magnus Chemical Company. 175,886; Nov. 13; Serial No. 180,543; published Aug. 21, 1923.
Soap and soap powder. Lever Brothers Company. 170,676; July 17; Serial No. 171,130; published Apr. 24, 1923.
Soap and soap products. Bonded Products Corporation. 173,758–9; Oct. 2; Serial Nos. 177,352–3; published June 5, 1923.
Soap and soap products. Bonded Products Corporation. 175,018; Oct. 30; Serial No. 177,354; published Aug. 7, 1923.
Soap, Automobile. H. R. Nicholson. 168,933; May 29; Serial No. 173,292; published Mar. 13, 1923.
Soap, Automobile. Sears Equipment Company. 165,105; Mar. 6; Serial No. 141,131; published Dec. 5, 1922.
Soap, Bath. Fred A. Wish, Incorporated. 174,806; Oct. 23; Serial No. 180,639; published July 24, 1923.
Soap chips. Chas. W. Young & Co. 163,772; Jan. 23.
Soap, Common. N. K. Fairbank Company. 173,671; Oct. 2; Serial No. 177,905; published June 5, 1923.
Soap, Complexion and bath. Marshall Field & Company. 173,586; Sept. 25.
Soap compound. C. E. Ewing. 175,883; Nov. 13; Serial No. 180,424; published Aug. 21, 1923.
Soap compound, Liquid. Concentrated Products Corporation. 165,100; Mar. 6; Serial No. 160,693; published Nov. 28, 1922.
Soap compounds. E. A. Sprague. 170,524; July 17; Serial No. 174,641; published Apr. 24, 1923.
Soap for shaving. Colgate & Company. 175,899; Nov. 13; Serial No. 176,250; published Aug. 21, 1923.
Soap, Hand. P. Ciepiela. 173,873. Oct. 2; Serial No. 175,850; published June 5, 1923.
Soap, Hand. W. J. Popp. 168,599; May 29; Serial No. 168,430; published Feb. 13, 1923.
Soap, Household. G. E. Brignall. 166,614; Apr. 10; Serial No. 167,159; published Dec. 26, 1922.
Soap, Laundry. William Cluff Company. 173,872; Oct. 2; Serial No. 175,769; published June 26, 1923.
Soap, Laundry. Concentrated Products Corporation. 174,863; Oct. 23; Serial No. 180,527; pubilshed July 31, 1923.
Soap, Laundry. Haskins Brothers & Company. 175,895; Nov. 13; Serial No. 175,194; published Aug. 21, 1923.
Soap, Laundry. Luckel, King & Cake Soap Company. 169,936; July 3.
Soap, Mineral. Crysto Soap Co. 167,699; May 8; Serial No. 166,652; published Feb. 13, 1923.
Soap, Oil. Urbane E. Rogers Company. 167,999; May 8.
Soap paste. Flash Chemical Company. 171,643; Aug. 7.
Soap, Perfumed. J. Grossmith & Son, Limited. 169,545; June 19; Serial No. 170,978; published Mar. 20, 1923.
Soap, polish, washing tablets, etc. Larkin Co. 163,793; Jan. 30.
Soap, polishes, and abrader preparations. Titanium Pigment Company. 171,778; Aug. 14; Serial No. 173,110; published May 15, 1923.
Soap powder. Golden Poppy Company. 163,803; Jan. 30.
Soap powder. M. Werk Company. 23,394–5; renewed July 25, 1923.
Soap powder. West Coast Soap Company. 163,785; Jan. 30.
Soap powder, soap paste, Hand. Precision Metal Workers. 167,567; May 1; Serial No. 167,648; published Dec. 26, 1922
Soap, Scouring. Bon Ami Company. 175,072; Oct. 30; Serial No. 170,557; published Aug. 7, 1923.

Soap, Shampoo. C. A. Murray. 163,830; Jan. 30.
Soap, Shampoo. Geo. A. Schmidt & Co. 168,373; May 22; Serial No. 168,943; published Feb. 20, 1923.
Soap, Shaving. Colgate & Company. 175,282; Oct. 30.
Soap, Shaving. O. H. v. Mayenburg. 171,708; Aug. 14; Serial No. 156,997; published May 1, 1923.
Soap, Shaving. J. B. Williams Company. 165,882; Mar. 20.
Soap, soap cream and paste. Tarratine Manufacturing Co. 168,429; May 22; Serial No. 172,189; published Feb. 20, 1923.
Soap, soap paste and soap powder. E. B. Segerstrom. 169,755; July 3; Serial No. 171,390; published Mar. 27, 1923.
Soap, soap powder, cleanser, etc. Chas. W. Young & Co. 166,088; Mar. 27; Serial No. 164,089; published Nov. 7, 1922.
Soap, Toilet. J. G. Bradley. 171,929. Aug. 14.
Soap, Toilet. Consolidated Merchants Syndicate, Inc. 165,891; Mar. 20.
Soap, Toilet. Cudahy Packing Company. 168,896; May 29; Serial No. 168,146; published Feb. 27, 1923.
Soap, Toilet. Empire Soap Company. 175,900–1; Nov. 13; Serial Nos. 176,889–90; published Aug. 28, 1923.
Soap, Toilet. Flash Chemical Company. 173,884; Oct. 2; Serial No. 176,334; published June 12, 1923.
Soap, Toilet. Graham Bros. Soap Company. 163,434; Jan. 9.
Soap, Toilet. Graham Bros. Soap Company. 165,240; Mar. 6.
Soap, Toilet. J. Grossmith & Son, Limited. 171,850; Serial No. 170,977; published May 15, 1923.
Soap, Toilet. Harriet Hubbar Ayer. 163,776; Jan. 30.
Soap, Toilet. Iowa Soap Company. 170,994–5; July 24.
Soap, Toilet. Andrew Jergens Company. 165,568; Mar. 13; Serial No. 161,191; published June 6, 1922.
Soap, Toilet. Andrew Jergens Company of California. 167,683; May 8; Serial No. 156,904; published Jan. 30, 1923.
Soap, Toilet. Swine Breeders Pure Serum Company. 171,856; Aug. 14; Serial No. 174,869; published May 1, 1923.
Soap, Toilet. West Coast Soap Company. 163,789; Jan. 30.
Soap, Toilet. Yardley & Co. 171,867; Aug. 14; Serial No. 174,377; published May 1, 1923.
Soaps. F. G. Burke. 168,954–5; May 29; Serial No. 171,684–5; published Mar. 6, 1923.
Soaps. L. Chatham, Sr., Products Company. 167,692; May 8; Serial No. 159,847; published Jan. 30, 1923.
Soaps. Colgate Co. 164,131; Feb. 13.
Soaps. Colgate & Company. 173,810; Oct. 2; Serial No. 171,451; published June 12, 1923.
Soaps. Harral Soap Co. 167,549; May 1; Serial No. 170,290; published Jan. 2, 1923.
Soaps. Kendall Mfg. Co. 170,496; July 17; Serial No. 170,487; published Apr. 24, 1923.
Soaps. Lawrence Soap Co. 170,652; July 17; Serial No. 169,366; published Apr. 24, 1923.
Soaps. Lightfoot Schultz Company. 165,208; Mar. 6; Serial No. 166,779; published Nov. 28, 1922.
Soaps. Lightfoot Schultz Company. 174,911; Oct. 23; Serial No. 179,108; published July 24, 1923.
Soaps. Lightfoot Schultz Company. 175,871; Nov. 13; Serial No. 179,107; published Aug. 21, 1923.
Soaps. P. Micheli. 163,792; Jan. 30.
Soaps. Pennsylvania Soap Company of Lancaster, Pa. 163,855; Jan. 30.
Soaps. Pennsylvania Soap Company of Lancaster, Pa. 173,883; Oct. 2; Serial No. 176,277; published June 12, 1923.
Soaps. E. Schueller. 167,716; May 8; Serial No. 144,157; published Jan. 30, 1923.
Soaps. I. Suliman. 171,706; Aug. 14; Serial No. 174,944; published May 8, 1923.
Soaps. Wolf Creek Soap Works Company. 170,666; July 17; Serial No. 157,744; published Apr. 24, 1923.
Soaps and soap powders. Burns Products Company. 165,539; Mar. 13; Serial No. 159,917; published June 27, 1922.
Soaps, body wash, floor cleanser, glass polish, metal polish, etc. Kermul Products, Inc. 170,563; July 17; Serial No. 173,968; published Apr. 24, 1923.
Soaps, cotton seed soap stocks, and sweeping compounds. Lindsay-McMillan Company. 163,786; Jan. 30.
Soaps, Laundry and toilet. Sopura Soap Products, Inc. 167,761; May 8; Serial No. 170,343; published Jan. 30, 1923.
Soaps, Liquid and paste. Specialty Sales Company. 164,038; Feb. 6.
Soaps, Liquid shaving. Stomatol Company of America. 167,947; May 8; Serial No. 169,878; published Jan. 30, 1923.
Soaps, liquids, powders, pastes, for cleaning, and a metal-polishing preparation. Tetralin-Gesellschaft mit beschränker Haftung. 174,742; Oct. 23; Serial No. 142,046; published July 24, 1923.
Soaps, pastes, powders, etc. Devoto y Cauchaner. 171,072; July 31; Serial No. 171,729; published Apr. 3, 1923.
Soaps, shaving soaps and creams, metal polish, etc. W. H. Johnson. 163,778; Jan. 30.
Soaps, shaving soaps, shaving creams, metal polish, etc. W. H. Johnson. 175,746; Nov. 13; Serial No. 162,928; published Aug. 8, 1922.
Soaps, soap pastes and powders. Parfumerie Roger & Gallet. 171,777; Aug. 14; Serial No. 173,142; published May 8, 1923.
Soaps, soap pastes, and powders. Parfumerie Roger et Gallet. 173,796; Oct. 2; Serial No. 174,589; published June 26, 1923.
Soaps, soap pastes, and soap powders. Parfumerie Roger & Gallet. 173,817; Oct. 2; Serial No. 171,867; published June 12, 1923.
Soaps, Toilet. Lamborn & Company. 169,481; June 19; Serial No. 174,397; published Mar. 20, 1923.
Soaps, Toilet. Myrurgia S. A. 169,580; June 26; Serial No. 159,369; published Mar. 27, 1923.
Soaps, Toilet. Myrurgia S. A. 169,582; June 26; Serial No. 159,368; published Mar. 27, 1923.
Soaps, Toilet. J. Simon & Cie. 177,505; Dec. 18; Serial No. 150,772; published Oct. 2, 1923.
Soaps, wool-scouring powder, etc. Mineral Soap Manufacturing Company. 168,914; May 29; Serial No. 155,764; published Mar. 6, 1923.
Steel wool and soap. James H. Rhodes & Company. 163,955; Feb. 6.
Steel wool for cleaning and polishing purposes. Brillo Manufacturing Company. 168,938; May 29; Serial No. 173,070; published Mar. 6, 1923.
Sweeping compound. Mason City Oil & Grease Company. 165,295; Mar. 6; Serial No. 165,454; published Dec. 5, 1922.
Tablets, Laundry. La France Manufacturing Co. 169,416; June 12.
Tablets, Washing. F. A. Williamson Manufacturing Company. 167,311; Apr. 24.
Tallow. Consolidated Rendering Co. 171,944; Aug. 14.
Tallow. New Zealand Refrigerating Company Limited. 167,440; May 1; Serial No. 161,372; published Jan. 23, 1923.
Tallow largely used in soap making. New Zealand Refrigerating company. 167,645–7; May 8; Serial Nos. 168,586–8; published Jan. 9, 1923.
Tallow used in making soap. Consolidated Rendering Co. 174,931; Oct. 23.
Type, halftone cuts, wood type, electrotypes, and patent blocks, Washes for cleaning. American Steel Chase Co. 168,474; May 22; Serial No. 167,969; published Feb. 20, 1923.
Utensils, Scouring. Chore Utensils Corporation of America. 163,807; Jan. 30.
Utensils, Scouring. Chore Utensils Corporation of America. 167,897; May 8; Serial No. 168,670; published Jan. 30, 1923.
Valve-grinding paste. Woodison-Kelley Co. 163,779; Jan. 30.
Vehicle tops and leather and rubber goods, Dressing for Motor-. Alger & Mowry Manufacturing Company. 169,508; June 19; Serial No. 171,606; published Mar. 20, 1923.
Washing cleanser. Neutral Soap Co. 176,699; Nov. 27; Serial No. 176,642; published Sept. 11, 1923.
Washing compound. Justa Mfg. Co. 174,640; Oct. 23; Serial No. 181,125; published July 24, 1923.
Washing compound. Mello Company. 171,769; Aug. 14; Serial No. 173,607; published May 15, 1923.
Washing compounds. T. E. Riggs. 166,410; Apr. 3; Serial No. 166,749; published Dec. 5, 1922.
Washing compounds. C. A. Winter. 168,420; May 22; Serial No. 172,500; published Feb. 20, 1923.
Washing compounds and liquids. E. N. Blackmore. 171,339; Aug. 7; Serial No. 172,825; published Apr. 24, 1923.
Washing compounds, Soluble. American Ammone Company. 172,177; Aug. 21.
Washing fluid. F. Cicetti. 170,630; July 17; Serial No. 174,725; published Apr. 24, 1923.
Washing fluid. Fluid Chemical Company. 168,865; May 29; Serial No. 166,794; published Mar. 6, 1923.
Washing fluid. Snorain Company. 165,095; Mar. 6; Serial No. 162,269; published Dec. 12, 1922.
Washing or cleansing powder. Warren Soap Manufacturing Company. 176,520; Nov. 27; Serial No. 166,967, published Sept. 11, 1923.
Washing powder. H. Kohnstamm & Co. 174,868; Oct. 23; Serial No. 180,375; published July 24, 1923.
Washing powder. Nubright Company. 168,738; May 29; Serial No. 170,893; published Feb. 13, 1923.
Washing powder. Opax Products Company. 167,438; May 1; Serial No. 162,847; published Jan. 2, 1923.
Washing powder and soap. Poland Soap Works. 175,992; Nov. 13; Serial No. 161,792; published Sept. 4, 1923.
Washing powder for laundry purposes. H. Kohnstamm & Co. 167,727; May 8; Serial No. 154,369; published Jan. 2, 1923.
Washing solution. Gardiner Manufacturing Co. 163,782; Jan. 30.
Washing tablets. C. F. Bender. 165,385; Mar. 6; Serial No. 159,556; published Dec. 5, 1922.
Washing tablets and compounds, windshield cloths, etc. F. F. Horst. 167,799; May 8; Serial No. 163,167; published Jan. 30, 1923.

Classified list of trade-marks registered—Continued.

Waterproof dressing for automobile tops. J. Metke. 176,949; Dec. 11; Serial No. 159,521; published July 3, 1923.
Wheels and disks, Grinding. J. C. Schmidt. 175,882; Nov. 13; Serial No. 180,391; published Aug. 21, 1923.
Windows, glass, cut glass, and skylights, Cleaner for. B. Heller & Company. 167,297; Apr. 24.
Wood cleaners, Liquid. C. M. Andersen. 167,577; May 1; Serial No. 166,546; published Jan. 23, 1923.

CLASS 5.

Adhesive compound. California Central Creameries. 176,407; Nov. 27; Serial No. 180,840; published Sept. 11, 1923.
Adhesive in the form of paste. Commercial Paste Co. 170,299; July 10; Serial No. 176,788; published Apr. 10, 1923.
Adhesive paste. L. J. Flach. 176,908; Dec. 4.
Adhesive paste. L. J. Flach. 176,910; Dec. 4.
Adhesive pastes. S. H. Marks. 175,239; Oct. 30.
Adhesive tape. Baker, Hamilton and Pacific Company. 175,073; Oct. 30; Serial No. 170,356; published Aug. 7, 1923.
Adhesives. W. R. Long. 176,072; Nov. 13; Serial No. 181,289; published Sept. 4, 1923.
Adhesives. M'Caw, Stevenson & Orr, Ltd. 175,996; Nov. 13; Serial No. 164,181; published Sept. 4, 1923.
Casting of metals, Pressed cereal binder and a paste for forming core compounds used in the. D. F. McGrory. 170,420; July 17; Serial No. 172,952; published Apr. 10, 1923.
Cellulose nonshrinking, noncracking capping fluid. Armin Degener, Inc. 169,635; June 26; Serial No. 175,072; published Mar. 27, 1923.
Cement. J. H. Bailey. 164,853; Feb. 27.
Cement. T. Taylor Buckley, Inc. 176,066; Nov. 13; Serial No. 181,240; published Sept. 4, 1923.
Cement, External radiator. H. G. Hall. 172,175; Aug. 21.
Cement for hosiery or the like, Patching. Darn E-Z Laboratories. 164,177; Feb. 13.
Cement or chemical preparation. United Paint Manufacturing Co. 164,891; Feb. 27.
Cement, or the like, Laundry proof patching. Darn E-Z Laboratories. 164,178; Feb. 13.
Cement, Patching. Darn E-Z Laboratories. 164,849; Feb. 27.
Cement, Pigment linoleum. R. J. Sisk. 164,438; Feb. 20.
Cements for sealing tin cans, glass or metal containers, and bottle caps, etc. Dewey and Almy Chemical Company. 169,515; June 19; Serial No. 172,033; published Mar. 20, 1923.
Cements, stove and boiler putty, Asbestos furnace, iron, and gas-retort. Rutland Fire Clay Co. 163,749; Jan. 23.
Coating and sealing containers, Protective materials used for Rhodia Chemical Company. 165,814; Mar. 20; Serial No. 166,148; published Dec. 26, 1922.
Compositions for use as adhesives. Capital Rodewite Company. 175,888; Nov. 13; Serial No. 180,653; published Sept. 4, 1923.
Dental plates in position, Paste for holding. R. O. L. Smith. 166,473; Apr. 3; Serial No. 167,693; published Jan. 9, 1923.
Gelatin and ossein. Societé Chimique de l'Escaut. 168,716; May 29; Serial No. 163,005; published Mar. 13, 1923.
Glue. E. F. Russ Company. 174,884; Oct. 23; Serial No. 181,700; published July 31, 1923.
Glue and cements and paste and adhesives. C. C. Hatcher. 163,334; Jan. 9.
Glue and gelatin glue. British Glues and Chemicals, Limited. 176,499; Nov. 27; Serial No. 173,588; published Sept. 18, 1923.
Glue and gelatins. Röhm & Haas Aktiengesellschaft. 174,378; Oct. 16; Serial No. 164,196; published July 17, 1923.
Glue, Casein. Waterproof Adhesives Company. 163,770; Jan. 23.
Glue for lagging steel pulleys with canvas. M. H. Parsons. 175,241; Oct. 30.
Glue for mending china, glass, leather, etc. O. Cabana, jr. 23,406; renewed July 25, 1923.
Glue, Millinery. Munro and Company. 165,908; Mar. 20.
Glue, mucilage, and paste. Tetralin Gesellschaft mit beschränkter Haftung. 173,157; Sept. 18; Serial No. 142,041; published June 19, 1923.
Glue products. I. I. Sloman. 174,385; Oct. 16; Serial No. 171,555; published July 17, 1923.
Glue, Sheet. Henry Wilhelm Company. 172,056–7; Aug. 21; Serial Nos. 178,319–20; published May 29, 1923.
Glue substitute. Flexum Products Company. 175,013; Oct. 30; Serial No. 177,600; published Aug. 14, 1923.
Glues, Powdered vegetable. Arabol Manufacturing Co. 174,208–9; Oct. 9; Serial No. 179,641–2; published July 10, 1923.
Metal polish. H. G. Parrott. 177,313; Dec. 18. Serial No. 180,490; published Sept. 25, 1923.
Mucilage, paste, glue, and adhesive cement. Carters Ink Company. 165,233; Mar. 6.
Oil, Core. Smith Oil & Refining Company. 177,186; Dec. 11; Serial No. 180,626; published Aug. 7, 1923.
Oil used for flotation purposes, Compounded. Hercules Powder Company. 176,782; Nov. 27.
Oils, Core. American Hominy Company. 172,413; Aug. 28; Serial No. 178,655; published May 29, 1923.
Oils, Core. Union Petroleum Company. 175,210; Oct. 30.
Paste, Dry. Pyramid Process Co. 171,223; July 31; Serial No. 177,200; published May 15, 1923.
Paste, Flour. Clark Paper & Manufacturing Co. 164,851; Feb. 27.
Paste, Patching. Campbell Manufacturing Co. 174,883; Oct. 23; Serial No. 181,631; published July 31, 1923.
Pastes, Dry. Penn Paste Milling Company. 170,134; July 10; Serial No. 160,255; published Apr. 10, 1923.
Pastes, glues, and adhesives. Glucol Mfg. Co. 168,730; May 29; Serial No. 172,271; published Mar. 13, 1923.
Patching hosiery and all fabrics, Laundryproof fluid for. New Way Laboratories. 172,180; Aug. 21.
Powder, Paste. National Gum & Mica Co. 164,850; Feb. 27.
Rubber-compound splicing tape and gray friction adhesive tape. Appleton Rubber Company. 164,619; Feb. 20.
Rubber, rim, and gasket cements, liquid puncture repair for bicycle tires, and friction adhesive tape. Swartz Brothers. 163,730; Jan. 23.
Rubber splices and strips and adhesive tape. Canfield Rubber Company. 171,960; Aug. 14.
Rubber tissue for reenforcing, stiffening, and waterproofing of garments, etc. Edward P. Stahel & Co. 170,244; July 10; Serial No. 174,676; published Apr. 10, 1923.
Shellac, glue, and paste, Gasket. B. Levitt. 171,347; Aug. 7; Serial No. 173,290; published May 1, 1923.
Tape, Adhesive. Canfield Rubber Company. 164,844; Feb. 27.
Teeth in place, Powder for holding false. H. Merritt. 164,514; Feb. 20.
Tire-puncture compound. W. D. Staplin. 175,258; Oct. 30.
Tire-repair compounds, adhesives, etc. Cahill & Malone. 174,205; Oct. 9; Serial No. 179,708; published July 10, 1923.
Tires and for preserving rubber, Composition for stopping leaks in. E. A. Garten. 172,260; Aug. 28; Serial No. 136,626; published May 29, 1923.
Tires, Compound for preventing puncture in penumatic. C. V. Crumley. 170,301; July 10; Serial No. 176,606; published Apr. 10, 1923.
Tires, etc., Rubber preparation for repairing automobile. J. J. McBride. 170,358; July 10.
Tires, Puncture-filling compound for automobile and other. G. Ruiz. 166,481; Apr. 3; Serial No. 170,406; published Jan. 9, 1923.
Wax, Sealing. Keferstein, Starr & Co. 176,061; Nov. 13; Serial No. 180,800; published Sept. 4, 1923.

CLASS 6.

Acacia, gum tragacanth, ginger Jamaica root, etc., Whole and powdered. Lyon Botanical Co. 165,593; Mar. 13; Serial No. 146,774; published Nov. 28, 1922.
Acetones, denatured alcohols, aniline dyes, benzole, and etching powder. William Zinsser & Company. 164,728; Feb. 27.
Acetyl-amino-oxyphenyl arsenic acid. Etablissements Poulenc Frères. 177,082; Dec. 11; Serial No. 173,745; published Sept. 11, 1923.
Acetylsalicylic acid. Smith, Kline & French Co. 172,959; Sept. 11; Serial No. 175,168; published May 29, 1923.
Acid, N-butyl-ethyl-barbituric. Abbott Laboratories. 175,580; Nov. 6; Serial No. 181,233; published Aug. 21, 1923.
Acid, Stearic. Will & Baumer Candle Co. 175,103; Oct. 30; Serial No. 179,695; published Aug. 7, 1923.
Acid, sulphate quinine, domestic ammonia, sirup of squills, etc., Salicylic. Sanford, Chamberlain & Albers Company. 173,827; Oct. 2; Serial No. 175,408; published June 26, 1923.
Acids, denatured alcohol, etc. Carbolic, oxalic. J. S. Merrell Drug Company. 175,476; Nov. 6, Serial Nos. 179,544–5; published Aug. 21, 1923.
Acids, more especially adapted for dairy purposes, Lime produce used for neutralization of. Allwood Sales Company. 163,216; Jan. 2.
Alcohol, Denatured. C. E. Adamson. 177,200; Dec. 11; Serial No. 179,124; published Sept. 18, 1923.
Alcohol for external use, Bathing. Smith, Kline & French Co. 167,737; May 8; Serial No. 168,735; published Jan. 2, 1923.
Alcohol fuel cubes. Reed & Barton Corporation. 172,693; Sept. 11; Serial No. 145,713; published May 22, 1923.
Alcohol, Medicated. Ost Apothecary, Inc. 163,144; Jan. 2.
Alcohol, Rubbing and massaging. Forst Laboratories. 172,582; Sept. 11; Serial No. 171,073; published May 8, 1923.
Alcohol, skin cleanser, hair tonic, etc., Rubbing and massage. Mihalovitch Co. 174,475; Oct. 16; Serial No. 178,267; published July 17, 1923.
Alcoholic preparation. Mihalovitch Co. 164,485; Feb. 20.
Alcohols, acetic acid, etc. Sun Drug Company. 172,649; Sept. 11; Seiral No. 139,634; published Mar. 27, 1923.

Aldehyde, methyl alcohol, and ethyl alcohol, Agglomerates of solid. Elektrizitatswerk Lonza. 167,631; May 1; Serial No. 166,778; published Jan. 2, 1923.
Aldehydes and amines, Compound produced by the interaction of. Rubber Service Laboratories Co. 176,175; Nov. 20; Serial No. 177,624; published Aug. 14. 1923.
Alkali, laundry and caustic soda, etc., Creamery and bottled. G. F. Lessenhop & Sons, Inc. 165,564; Mar. 13; Serial No. 157,576; published Dec. 12, 1922.
Alkaline antiseptic for prevention and treatment of pyorrhea and mouth health. Modern Pharmacal Co. 164,723; Feb. 27.
Alum, copper sulphate, powdered boric acid, etc., Lump and powdered. J. S. Merrell Drug Company. 166,129; Mar. 27; Serial No. 137,889; published June 6. 1922.
Ammonia. C. M. Kimball Company. 167,934; May 8; Serial No. 172,000; published Feb. 20, 1923.
Ammonia. C. M. Kimball Company. 168,394; May 22; Serial No. 171,805; published Feb. 20, 1923.
Ammonia. Snow Cloud Ammonia Company. 173,777; Oct. 2; Serial No. 175,683; published June 26, 1923.
Ammonia and benzol. Alabama By-Products Corporation. 163,004; Jan. 2.
Ammonia of sulphoacids of carbohydrogens or mixtures of carbohydrogens, Salts of. J. D. Riedel Aktiengesellschaft. 164,297; Feb. 20.
Ammoniacal silver nitrate solution, formalin, silver-nitrate stain remover, etc. P. N. Condit. 167,462; May 1; Serial No. 167,225; published Jan. 9, 1923.
Anæsthetic cream. Parke, Davis & Company. 172,227; Aug. 28; Serial No. 174,632; published May 1, 1923.
Anæsthetic, Local. Seydel Chemical Company. 167,395; May 1; Serial No. 164,087; published Jan. 23, 1923.
Ant mats and containers. Plenge's Pharmacy, Inc. 172,748; Sept. 11; Serial No. 166,605; published May 29, 1923.
Ant powder. M. F. Henning. 168,020; May 8.
Antacid neutralizing powder. Moore & Co. 175,112; Oct. 30; Serial No. 176,906; published Aug. 7, 1923.
Anticholera and tonic remedy. M. B. Scala. 23,877; renewed Nov. 28, 1923.
Anticorrosive composition. F. E. Hardy. 165,575; Mar. 13; Serial No. 162,177; published Dec. 12, 1922.
Antidote for poison, and remedies for blood and liver diseases. Anti-Poison Medicine Co. 22,994; renewed May 9, 1923.
Antifreezing liquid. R. Heepe. 176,230; Nov. 20; Serial No. 176,181; published Sept. 4, 1923.
Antimony, cadmium sulphides, arsenic sulphides, chrome oxides. Typke & King, Ltd. 172,753; Sept. 11; Serial No. 165,168; published Apr. 24, 1923.
Antineuralgics. Farbenfabriken vorm. Friedr. Bayer & Co. 170,274; July 10; Serial No. 173,923; published Apr. 10, 1923.
Antiperspiration compounds. N. Barna. 167,514; May 1; Serial No. 164,857; published Jan. 30, 1923.
Antirheumatic. Merck & Co. 173,102; Sept. 18; Serial No. 177,096; published June 12, 1923.
Antiseptic. G. C. Biegler. 172,635; Sept. 11; Serial No. 165,058; published Apr. 17, 1923.
Antiseptic. L. L. Erwin. 171,953; Aug. 14.
Antiseptic and deodorizer. Dairy Laboratories. 175,492; Nov. 6; Serial No. 177,898; published Aug. 14, 1923.
Antiseptic and general stomach tonic, Internal. J. Ebert. 164,096; Feb. 13.
Antiseptic and germicide. E. E. Limbaugh. 175,409; Nov. 6; Serial No. 175,563; published Aug. 14, 1923.
Antiseptic and germicide for burns, wounds, etc. R. W. Yengling. 164,144; Feb. 13.
Antiseptic and prohpylactic tablets. Societe Anonyme la Biotherapie, (Societe Anonyme de Produits Chimiques Biologiques et d'Hygiene). 170,249; July 10; Serial No. 171,290; published Mar. 27, 1923.
Antiseptic, Biliary. W. A. Graham. 173,484; Sept. 25; Serial No. 175,862; published June 26, 1923.
Antiseptic capsules and liniment. A. R. Hiatt. 169,817; July 3; Serial No. 167,982; published Mar. 6. 1923.
Antiseptic composition for vaginal douching. Dr. Pollack Health Products Corp. 167,652; May 8; Serial No. 168,064; published Jan. 9, 1923.
Antiseptic compound. Chinosol Company. 167,483; May 1; Serial No 160,994; published Jan. 23, 1923.
Antiseptic compounds. J. R. Lemaitre. 163,361; Jan. 9.
Antiseptic disinfectant. A. Fornari. 166,179; Mar. 27; Serial No. 166,561; published Dec. 5, 1922.
Antiseptic for the prevention of venereal diseases. F. M. Naumann. 172,377; Aug. 28; Serial No. 156,105; published Apr. 3, 1923.
Antiseptic germicide and insect exterminator. Marshall Field & Company. 164,500; Feb. 20.
Antiseptic lotion for treatment of the scalp and skin. E. B. Finlayson. 170,008; July 10; Serial No. 172,830; published Apr. 3, 1923.
Antiseptic, Membrane. W. W. Winberg. 176,192; Nov. 20; Serial No. 145,381; published Aug. 1, 1922.
Antiseptic mouth washes. Miller & Meissner. 169,656; June 26; Serial No. 167,578; published Mar. 6, 1923.
Antiseptic powder. H. W. Baer. 167,601; May 1; Serial No. 165,224; published Jan. 2, 1923.
Antiseptic powder. D. A. Binkert. 171,289; Aug. 7; Serial No. 178,546; published May 22, 1923.
Antiseptic powders. J. S. Tyree, Chemist, Inc. 163,407; Jan. 9.
Antiseptic preparation. Mifflin Chemical Corporation. 163,129; Jan. 2.
Antiseptic preparation. Mifflin Chemical Corporation. 163,239; Jan. 2.
Antiseptic solution, mouth wash, tooth paste, etc. W. Lloyd Wood, Limited. 172,516; Sept. 4; Serial No. 172,308; published May 15, 1923.
Antisweat solution for perspiring feet. Winsted Chemical Company. 165,430; Mar. 13; Serial No. 165,906; published Nov. 7, 1922.
Antispasmodic used in seasickness, dismenorrhea, etc. Seydel Chemical Company. 165,518; Mar. 13; Serial No. 163,767; published Nov. 28, 1922.
Antitoxic foods, paraffin tablets and oil, etc. Battle Creek Food Company. 176,228; Nov. 20; Serial No. 175,060; published Aug. 14. 1923.
Antitoxins, antiseptics, astringents, etc. E. Winger. 171,968; Aug. 14.
Application for pneumonia, bronchitis, pleurisy, etc., External. C. C. Francos. 164,349; Feb. 20.
Aspirin. William A. Webster Company. 174,344; Oct. 16; Serial No. 152,294; published July 17, 1923.
Aspirin, Preparation containing. Asp-a-Lax Company. 163,014; Jan. 2.
Astringents and mild antiseptics. H. A. Metz Laboratories, Inc. 170,191; July 10; Serial No. 173,434; published Apr. 3, 1923.
Astringents, expectorants, diarrhea cordial, and liniments. Van Fleet-Mansfield Drug Co. 164,302; Feb. 20.
Automobile radiators and cooling systems, Preparation to clean, etc. A. P. Heinze. 170,713; July 24; Serial No. 138,168; published Apr. 24, 1923.
Automobile radiators and the like, Nonfreezable liquid preparation for use in. Mel-O-Bile Company. 164,441; Feb. 20.
Automobile radiators, Antifreeze preparation for use in. Lee-Strauss Co. 177,246; Dec. 11; Serial No. 181,344; published Aug. 21, 1923.
Automobile radiators, Liquid leak-stopping compounds for. F. H. Biuninger. 164,430; Feb. 20.
Bacterial sugar used in the treatment of various pulmonary diseases. California Physicians Laboratories. 177,758; Dec. 25; Serial No. 177,725; published Oct. 9, 1923.
Baking powder. E. E. Belmore. 165,790; Mar. 20; Serial No. 163,856; published Oct. 3, 1922.
Baking powder. Bement-Rea Co. 168,378; May 22; Serial No. 169,393; published Feb. 20, 1923.
Baking powder. Wm. G. Dean & Son. 167,284; Apr. 24.
Baking powder. Kenton Baking Powder Company. 165,570; Mar. 13; Serial No. 161,260; published Nov. 7, 1922.
Baking powder. Laird Manufacturing Co. 164,629; Feb. 20.
Baking powder. Regua Bros. 169,801; July 3; Serial No. 170,833; published Mar. 27, 1923.
Baking powder. C. T. Whittier. 175,503; Nov. 6; Serial No. 175,692; published Aug. 21, 1923.
Baking powder and cream of tartar. Regal Supply Corporation. 175,403; Nov. 6; Serial No. 163,111; published Aug. 21, 1923.
Baking powder and soda. Reid, Murdoch & Co. 173,471; Sept. 25; Serial No. 176,283; published June 19, 1923.
Baking powder, bicarbonate of soda, gloss starch. Dudley & Co. 175,635; Nov. 6; Serial No. 179,859; published Aug. 28, 1923.
Baking powder, table salt, lye, glycerin, etc. John Sexton and Company. 169,883; July 3; Serial No. 153,696; published Mar. 6. 1923.
Baking powders. H. D. Thatcher & Co. 24,338; renewed Mar. 13, 1924.
Balls composed of chemicals, Antitarnish. Lloyd Manufacturing Co. 164,523; Feb. 20.
Balm. Bobwhite Chemical Corporation. 176,091; Nov. 13.
Balm and tablets for disorders of the liver and bowels, Pile. A. W. Bishop. 174,360; Oct. 16; Serial No. 176,710; published July 10, 1923.
Balm for rheumatism, catarrh, etc., Analgesic. Standard Medical Society, Inc. 165,716; Mar. 20; Serial No. 166,327; published Dec. 12, 1922.
Balm, Goiter. Herman Krebs Pharmacy Co. 167,484; May 1; Serial No. 159,966; published Jan. 23, 1923.
Barium-sulphate cream for radiologic examination. Powers-Weightman-Rosengarten Co. 175,400; Nov. 6; Serial No. 165,200; published Jan. 2, 1923.
Bath balm, hair pomade, sachets, beautifier, etc. M. B. Willats. 169,618; June 26; Serial No. 172,628; published Mar. 6, 1923.
Bath, Perfumed addition for the. C. S. Welch Company. 169,910; July 3; Serial No. 170,599; published Mar. 13, 1923.
Bath powders. Parfumerie Pavane. 169,790; July 3; Serial No. 168,900; published Mar. 20, 1923.
Bath salt. Sea-Dip Company. 168,401; May 22; Serial No 171,659; published Feb. 20, 1923.
Bath salt tablets, toilet water, hair lotion, etc. Yardley & Co. 173,443; Sept. 25; Serial No. 174,376; published June 26, 1923.
Baths, Car-No-Tite. A. O. McMichael. 172,540; Sept. 4; Serial No. 173,870; published May 8, 1923.

Classified list of trade-marks registered—Continued.

Bating material used in tanning leather. Moser & Co. 169,833; July 3; Serial No. 173,101; published Apr. 3, 1923.
Batteries, Electrolyte compound for storage. C. E. Luburg. 170,429; July 17; Serial No. 171,933; published Apr. 10, 1923.
Batteries, Fluid for use in electric storage. Spitan Battery Fluid Corporation. 167,837; May 8; Serial No. 169,608; published Feb. 13, 1923.
Batteries, Recharging fluid for storage. Beck & Truelove. 174,307; Oct. 9.
Battery compound. Hanson & Moe. 169,654; June 26; Serial No. 168,468; published Mar. 20, 1923.
Battery solution. Camel Chemical Co. 174,941–2; Oct. 30; Serial Nos. 178,821–2; published July 24, 1923.
Battery solutions. Blue Ribbon Battery Company. 176,984; Dec. 11; Serial No. 179,651; published Sept. 18, 1923.
Bay rum. Toilet Products "A" Company. 167,917; May 8; Serial No. 169,230; published Jan. 30, 1923.
Bay rum. Vail Brothers. 172,593; Sept. 11; Serial No. 168,341; published June 5, 1923.
Bay rum. A. Yumet. 165,478; Mar. 13; Serial No. 168,087; published Dec. 12, 1922.
Bay rum, borax powder, carbolic acid, etc. Continental Drug & Chemical Co. 169,591; June 26; Serial No. 150,995; published Feb. 27, 1923.
Bay rum, witch-hazel, alcohol body rub, etc. Minneapolis Brewing Company. 167,864; May 8; Serial No. 169,315; published Feb. 20, 1923.
Beauty clay. W. B. Cleves. 176,983; Dec. 11; Serial No. 179,655; published Sept. 11, 1923.
Beauty clay. Lincoln Laboratories, Inc. 177,206; Dec. 11; Serial No. 179,308; published Sept. 18, 1923.
Beauty clay. Terre Vitae Company. 177,194; Dec. 11; Serial No. 178,416; published Sept. 11, 1923.
Beeswax, Theodor Leonhard Wax Co. 164,682–4; Feb. 27.
Benzyl benzoate. Sharp & Dohme. 165,710; Mar. 20; Serial No. 168,338; published Dec. 19, 1922.
Beverage and sirup for making same. H. A. Whitney. 177,263; Dec. 11; Serial No. 168,285; published Sept. 18, 1923.
Beverage composition to make a soft drink. National Food Corporation. 163,376; Jan. 9.
Bichromate of soda and bichromate of potash. Natural Products Refining Co. 176,224; Nov. 20; Serial No. 177,195; published Aug. 7, 1923.
Biotherapeutic and opotherapeutic products. A. B. Adams. 172,813–14; Sept. 11; Serial Nos. 176,004–7; published June 5, 1923.
Biotherapeutic and opotherapeutic products. A. B. Adams. 173,036–7; Sept. 11; Serial Nos. 176,006–7; published June 5, 1923.
Biotherapeutic and opotherapeutic products. A. B. Adams. 173,038–9; Sept. 11; Serial Nos. 176,009–10; published June 5, 1923.
Biotherapeutic and opotherapeutic products. A. B. Adams. 174,002; Oct. 2; Serial No. 176,008; published July 17, 1923.
Bismuth in camphorated solution, Oxychloride of. F. Lehnhoff-Wyld. 172,880–1; Sept. 11; Serial Nos. 175,901–2; published May 29, 1923.
Bleaches for hats, shoes, and fabrics, tooth and skin bleaches, etc. J. H. Kap. 167,876; May 8; Serial No. 167,178; published Feb. 6, 1923.
Bleaching fluid. H. Kohnstamm & Co. 22,619; renewed Mar. 7, 1923.
Blood-cleaning liquid. J. Orosz. 176,317; Nov. 20; Serial No. 179,011; published Aug. 14, 1923.
Blood maker and general tonic. Modern Pharmacal Co. 170,453; July 17; Serial No. 172,283; published Apr. 10, 1923.
Blood purifier. T. H. Harris. 165,615; Mar. 13; Serial No. 167,242; published Jan. 2, 1923.
Blood purifiers, stomach tonic, cough sirup, etc. O. Seifert. 173,349; Sept. 25; Serial No. 169,376; published June 26, 1923.
Blue, Laundry. J. T. Lyons. 163,440; Jan. 9.
Blue, Laundry. Reckitts (U. S. A.), Ltd. 177,423; Dec. 18; Serial No. 162,137; published Sept. 25, 1923.
Blue, Ultramarine. Standard Ultramarine Co. 169,662; June 26; Serial No. 170,906; published Mar. 20, 1923.
Blue, Ultramarine. Standard Ultramarine Co. 170,390; July 17; Serial No. 170,905; published Apr. 10, 1923.
Blue, Ultramarine. Standard Ultramarine Co. 174,111; Serial No. 173,985; published May 15, 1923.
Blue, Washing. P. Diamond. 21,903; renewed Nov. 1, 1922.
Bluing. Chinese Blueing Company. 177,813; Dec. 25.
Bluing. Diamond, McDonnell & Co. 166,239; Mar. 27; Serial No. 165,530; published Nov. 28, 1922.
Bluing. Meyer, Foote and Dayton Co. 166,265; Mar. 27; Serial No. 166,748; published Dec. 5, 1922.
Bluing. E. M. Murphey. 175,269; Oct. 30.
Bluing compound and a liquid bluing. K. H. Wall. 170,422; July 17; Serial No. 172,697; published Apr. 10, 1923.
Bluing, Laundry. Fitts Manufacturing Company. 164,287; Feb. 20.
Bluing, laundry starch, baking powder, and lye. Joannes Bros. Co. 169,847; July 3; Serial No. 172,879; published Mar. 13, 1923.
Bluing paddles. F. G. Mitchell. 170,756; July 24; Serial No. 173,334; published Apr. 24, 1923.
Boiler compounds. Riodela Chemical Co. 167,824; May 8; Serial No. 170,216; published Feb. 13, 1923.
Boilers, etc., Compound for dissolving and removing scale and rust from. Boiler Scale Dissolvent Corp. 169,780; July 3; Serial No. 172,318; published Mar. 27, 1923.
Bowel regulator. Lanman & Kemp, Inc. 173,665; Oct. 2; Serial No. 175,874; published June 26, 1923.
Brazing and welding of metals, Chemical used in the. Hardwick-Hutchins Manufacturing Company. 169,806; July 3; Serial No. 164,163; published Mar. 13, 1923.
Brilliantine, rouge, face powders, etc. G. S. Kolar Laboratories. 175,397; Nov. 6; Serial No. 152,566; published Jan. 31, 1923.
Bromides, palatably combined, Combination of several. Modern Pharmacal Co. 164,725; Feb. 27.
Bug and insect eradicator, Liquid. A. Fillwett Exterminator Company (Not Inc.). 165,431; Mar. 13; Serial No. 165,861; published Dec. 19, 1922.
Butter coloring. Dyesutffs & Chemicals, Incorporated. 174,359; Oct. 16; Serial No. 176,790; published July 17, 1923.
Butyl aminobenzoate. Abbott Laboratories. 175,095; Oct. 30; Serial No. 179,913; published Aug. 7, 1923.
Caffeine, theobromine, and formaldehyde preparations. Societeit voor Chemische Industrie "Katwijk." 176,351; Nov. 20.
Calcium carbide. Aluminium-Industrie-Aktien-Gesellschaft. 172,715; Sept. 11; Serial No. 175,290; published May 22, 1923.
Calcium carbide, nitric acid, and nitrates. Aluminum-Industrie-Aktien-Gesellschaft. 169,682; June 26; Serial No. 173,022; published Mar. 27, 1923.
Camphor used in celluloid, Chemical substitute for. H. A. Metz & Co. 169,604; June 26; Serial No. 171,940; published Mar. 20, 1923.
Capsules containing mercury. William S. Merrell Company. 163,127; Jan. 2.
Capsules for colds, la grippe, etc., Medicated. R. R. Ferber. 172,545; Sept. 4; Serial No. 173,821; published May 15, 1923.
Capsules for the relief of bladder complaints, spasmodic asthma, heart pains, etc. P. F. Deford. 169,984; July 10; Serial No. 167,914; published Apr. 10, 1923.
Capsules, Headache. Headex Remedy Co. 175,131; Oct. 30; Serial No. 180,599; published Aug. 7, 1923.
Carbohydrates and chemicals. Su-Dex Wood Curing Company. 176,114; Nov. 20; Serial No. 164,608; published Aug. 14, 1923.
Carbon remover. C. T. H. Clifford. 170,144; July 10; Serial No. 163,533; published Apr. 10, 1923.
Carbon remover. N-D-N Products Co. 167,916; May 8; Serial No. 169,255; published Jan. 9, 1923.
Carbon remover for internal-combustion engines, Chemical. Eastern Auto Products Co. 172,826; Sept. 11; Serial No. 167,076; published June 5, 1923.
Catarrh jelly. Crown Tartarex Co. 169,663; June 26; Serial No. 170,929; published Mar. 20, 1923.
Cathartic. H. C. Watkins. 167,565; May 1; Serial No. 167,700; published Jan. 30, 1923.
Cathartic and laxative preparation. Bristol-Myers Company. 167,911; May 8; Serial No. 169,153; published Jan. 9, 1923.
Cathartic and laxative preparation. Bristol-Myers Company. 168,407; May 22; Serial No. 171,441; published Feb. 20, 1923.
Cement, Radiator. Try-Me Radiator Cement Company. 172,541; Sept. 4; Serial No. 173,866; published May 8, 1923.
Cement to be used in stopping leaks in cooling systems of automobiles, etc. Fritz Radiator Cement Co. 174,050; Oct. 2; Serial No. 177,663; published July 10, 1923.
Cheese and butter colors. Levring and Company. 174,061; Oct. 2; Serial No. 178,449; published July 10, 1923.
Chemical cooling compounds. W. Barnett. 164,139; Feb. 13.
Chemical composition for removing carbon from internal-combustion engines. Buffalo Specialty Company. 173,630; Oct. 2; Serial No. 161,522; published July 3, 1923.
Chemical composition for tree wounds. Davey Tree Expert Company. 175,424; Nov. 6; Serial No. 183,055; published Aug. 28, 1923.
Chemical compound. Etablissements Poulenc Frères. 177,164; Dec. 11; Serial No. 173,757; published Sept. 18, 1923.
Chemical compound. Pinkham Vulcan Compound Co. 167,524; May 1; Serial No. 165,811; published Jan. 9, 1923.
Chemical compound. Rubber Process Corporation. 177,668; Dec. 25; Serial No. 180,944; published Oct. 9, 1923.
Chemical compound to be used in connection with an aluminum plate for cleaning and polishing solid and plated silverware. Quaker Soap Company. 166,989; Apr. 17.
Chemical compound used as an accelerator in the manufacture of rubber products. R. T. Vanderbilt Company. 173,773; Oct. 2; Serial No. 175,631; published June 26, 1923.

Chemical compounds. A. Bollerman. 169,025; May 29.
Chemical compounds, etc., for use in producing varying colors in burning fuel. L. M. Watson. 172,645–6; Sept. 11; Serial Nos. 157,396–7; published Apr. 17, 1923.
Chemical compounds used as insect exterminators. Rockaway Exterminating Company. 167,380; May 1; Serial No. 167,584; published Jan. 9, 1923.
Chemical dip to control scabies of sheep and cattle. Sherwin-Williams Company. 165,480; Mar. 13; Serial No. 168,074; published Dec. 12, 1922.
Chemical for recharging batteries. Hdyro Manufacturing Company. 169,708; June 26.
Chemical fungicide. Stauffer Chemical Company. 172,702; Sept. 11; Serial No. 175,820; published May 29, 1923.
Chemical liquid for protection and prevention of evaporation of volatile liquids, Prepared. Standard Oil Company (Incorporated in New Jersey). 177,087; Dec. 11; Serial No. 172,910; published Mar. 13, 1923.
Chemical, medical, and pharmaceutical preparation for removing hair from the human body. R. Rose. 172,351; Aug. 28; Serial No. 173,299; published May 1, 1923.
Chemical preparation. Berthorn Chemical Co. 174,021; Oct. 2; Serial No. 176,320; published June 19, 1923.
Chemical preparation for bleaching material. Surpass Chemical Co. 173,829; Oct. 2; Serial No. 175,170; published June 26, 1923.
Chemical preparation for cleaning closet bowls. J. S. Huff. 176,284; Nov. 20; Serial No. 178,846; published Aug. 14, 1923.
Chemical preparation for coloring hair. E-Nam-O Mfgrs. 175,620; Nov. 6; Serial No. 180,795; published Aug. 14, 1923.
Chemical preparation for facilitating the scalding, etc., of hogs. B. Heller & Company. 172,556; Sept. 11; Serial No. 171,756; published May 29, 1923.
Chemical preparation for preserving fresh sausage. B. Heller & Company. 175,421; Nov. 6; Serial No. 171,125; published Aug. 28, 1923.
Chemical preparation for preserving smoked sausage. B. Heller & Company. 175,420; Nov. 6; Serial No. 171,127; published Aug. 28, 1923.
Chemical preparation for the face. Denney & Denney. 176,789; Nov. 27.
Chemical preparation for the removal and prevention of scale, corrosion, etc., in boilers. Sureway Chemical Company. 165,549; Mar. 13; Serial No. 149,561; published Dec. 12, 1922.
Chemical preparation for use as a skin curative. Weichsel Laboratories. 163,546; Jan. 16.
Chemical preparation for use in keeping sausage, kidneys, etc., in a good condition. B. Heller & Company. 169,837; July 3; Serial No. 172,989; published Mar. 6, 1923.
Chemical preparation used as a carbon remover. J. D. Elliott. 164,162; Feb. 13.
Chemical preparation used in X-ray examinations. Merck & Co. 165,022; Feb. 27.
Chemical preparation suitable for blackening the skin. Est. Henry C. Miner, Inc. 163,242; Jan. 2.
Chemical preparation used on dyed furs. A. Kosofsky. 169,609; June 26; Serial No. 172,479; published Mar. 6, 1923.
Chemical preparations. Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. 174,373; Oct. 16; Serial No. 167,842; published July 17, 1923.
Chemical preparations for the destruction of vermin and morbific agents. Saccharin Fabrik Akt.-Ges. vorm. Fahlberg, List & Co. 164,972; Feb. 27.
Chemical preparations for the destruction of vermin, etc. Saccharinfabrik Akt.-Ges. vorm. Fahlberg, List & Co. 165,572; Mar. 13; Serial No. 161,340; published Nov. 7, 1922.
Chemical preparations for the extermination of insects and rodents. Verm-O-Spray Products Co. 167,807; Mar. 20; Serial No. 167,589; published Jan. 2, 1923.
Chemical preparations used in the curing of meat. B. Heller & Company. 172,347; Aug. 28; Serial No 172,992; published May 15, 1923.
Chemical product used to convey vaccines. Etablissements Poulenc Frères. 177,635; Dec. 25; Serial No. 173,758; published Oct. 9, 1923.
Chemical products. Farbwerke vorm. Meister Lucius & Brüning. 174,376; Oct. 16; Serial No. 165,584; published July 10, 1923.
Chemical products used in dyeing. Chemische Fabrik Grünau Landshoff & Meyer Aktiengesellschaft. 176,288; Nov. 20; Serial No. 180,327; published Aug. 14, 1923.
Chemical remover for iron rust, mildew, fruit and medicine stains. Karam Smith Co. 163,100; Jan. 2.
Chemical used as a flux. Consolvo Manufacturing Company. 170,725; July 24; Serial No. 172,664; published Apr. 24, 1923.
Chemicals. Semet-Solvay Company. 170,279; July 10; Serial No. 173,251; published Apr. 10, 1923.
Chemicals and acids, Heavy. Wiarda & Hall Acid Works Inc. 169,794; July 3; Serial No. 169,106; published Mar. 20, 1923.
Chemicals for general laboratory work, etc. E. de Haen A.-G. 174,776; Oct. 23; Serial No. 171,832; published Aug. 7, 1923.
Chemicals, medicines, and pharmaceutical preparations. Burrough Bros. Mfg. Co. 164,141; Feb. 13.
Chemicals, medicines, and pharmaceutical preparations. Burrough Bros. Mfg. Co. 164,340; Feb. 20.
Chemicals, medicines, and pharmaceutical preparations. A. N. Cardenas. 164,315; Feb. 20.
Chemicals, medicines, and pharmaceutical preparations. Chief Two Moon Herb Company. 168,844; May 29; Serial No. 170,868; published Feb. 13, 1923.
Chemicals, medicines, and pharmaceutical preparations. O. A. Glessner. 163,075; Jan. 2.
Chemicals, medicines, and pharmaceutical preparations. Wm. H. Gross Chemical Company. 170,097; July 10; Serial No. 169,295; published Apr. 10, 1923.
Chemicals, medicines, and pharmaceutical preparations. Norwich Pharmacal Company. 173,526; Sept. 25.
Chemicals, medicines, and pharmaceutical preparations. E. R. Squibb & Sons. 169,655; June 26; Serial No. 168,435; published Feb. 27, 1923.
Chemicals such as bichromate of potash and bichromate of soda. Mutual Chemical Co. of America. 167,233; Apr. 24; Serial No. 163,939; published Oct. 17, 1922.
Chloride lime, insect powder, borax, lye, etc. Archibald & Lewis Company. 164,484; Feb. 20.
Clay and paste for the complexion. S. Markman. 170,927; July 24; Serial No. 162,941; published Apr. 24, 1923.
Clay, Complexion. M. Sullivan. 166,100–2; Mar. 27; Serial Nos. 164,838–40; published Oct. 10, 1922.
Clay, Face-treating. G. A. Robinson. 169,606; June 26; Serial No. 172,440; published Feb. 27, 1923.
Clay for facial treatment. Aladdin Mystic Beauty Company. 170,459; July 17; Serial No. 172,572; published Apr. 10, 1923.
Clay prepared for use in cleansing the skin and pores, Natural. Overland Pharmacy Co. 172,392; Aug. 28; Serial No. 168,121; published May 15, 1923.
Cleanser, disinfectant and deodorizer. United Chemical Companies. 172,798; Sept. 11; Serial No. 174,546; published June 5, 1923.
Coal-tar chemicals or intermediates, rubber accelerators or catalyzers, etc. National Aniline & Chemical Company. 167,376; May 1; Serial No. 167,824; published Dec. 26, 1922.
Coal-tar chemicals or ingredients, rubber accelerators or catalyzers, etc. National Aniline & Chemical Company Inc. 167,660; May 8; Serial No. 167,823; published Jan. 30, 1923.
Coal-tar crudes, intermediates, dyes, etc. National Aniline & Chemical Company. 164,690; Feb. 27.
Coal-tar crudes, intermediates, dyestuffs, dyes, etc. National Aniline & Chemical Company. 173,271; Sept. 18; Serial No. 174,971; published June 12, 1923.
Cod-liver oil. J. Didrichsen. 174,520; Oct. 16; Serial No. 175,715; published July 24, 1923.
Cold cream. L. E. Helfand. 172,578; Sept. 11; Serial No. 171,915; published May 22, 1923.
Cologne and toilet waters, perfumes, etc. N. V. International Perfumery Company. 170,206; July 10; Serial No. 173,294; published Mar. 27, 1923.
Cologne waters, bath salts, face clays, etc. Marschat Import Co. 170,081; July 10; Serial No. 167,530; published Apr. 3, 1923.
Color, Cheese and butter. N. Kjaergaard Jensens Tekn. Kem. Fabrik. 166,039; Mar. 27; Serial No. 167,776; published Dec. 5, 1922.
Colors. Wilhelm Brauns Gesellschaft mit beschränkter Haftung. 176,184; Nov. 20; Serial No. 174,160; published Aug. 14, 1923.
Colors, Coal-tar. Society of Chemical Industry in Basle. 163,174; Jan. 2.
Colors for dyeing. Wilhelm Brauns, Gesellschaft mit beschränkter Haftung. 176,388; Nov. 27; Serial No. 174,161; published Aug. 14, 1923.
Coloring and flavoring, Combined. B. Heller & Company. 174,008; Oct. 2; Serial No. 174,304; published July 17, 1923.
Coloring and oxidizing compound, Metal. Roessler & Hasslacher Chemical Company. 164,624; Feb. 20.
Coloring for food and confectionery. B. Heller & Company. 172,574; Sept. 11; Serial No. 173,046; published May 15, 1923.
Coloring, Ice-cream. H. D. Thatcher & Company. 177,815; Dec. 25.
Compacts for face powder. Lowell Company. 172,705; Oct. 2; Serial No. 170,907; published Mar. 20, 1923.
Composition used for spraying and destroying boll weevils, etc. Boll-We-Go Manufacturing Company. 168,055; May 15; Serial No. 170,053; published Feb. 6, 1923.
Compositions for exterminating moths. Farbenfabriken vorm. Friedr. Bayer & Co. 170,038; July 10; Serial No. 173,925; published Apr. 10, 1923.
Compound for opening clogged pipes, traps, drains, etc. White House Products Co. 170,454; July 17; Serial No. 172,305; published Apr. 10, 1923.
Compound for the treatment of cancers. Parrett and Swank. 173,330; Sept. 25; Serial No. 171,548; published June 26, 1923.
Compound for treating influenza, grippe, etc. J. T. Mason. 170,607; July 17; Serial No. 174,317; published Apr. 24, 1923.

Classified list of trade-marks registered—Continued.

Compound for treating rheumatism. D. H. Buxton. 175,568; Nov. 6; Serial No. 180,961; published Aug. 21, 1923.
Compound for treating rheumatism and diseases of the blood. A. G. De Brule. 170,741; July 24; Serial No. 174,295; published Apr. 24, 1923.
Compounds for the removal of rust, and scale from the interior of radiators, etc. Godwin & Lohmann. 173,549; Sept. 25.
Confection, Laxative. M. Morvillo. 166,795; Apr. 17; Serial No. 152,764; published Jan. 23, 1923.
Cordial, Medicinal. G. Castello. 167,718; May 8; Serial No. 144,500; published Jan. 9, 1923.
Corn remedy. D. I. Kanter. 173,168; Sept. 18; Serial No. 173,221; published May 15, 1923.
Cosmetic. Imperial Hygienic Co. 165,879; Mar. 20.
Cosmetics. Re-Al-Jo Products Company. 169,842; July 3; Serial No. 172,959; published Mar. 13, 1923.
Cosmetics. L. A. Williston. 167,431; May 1; Serial No. 163,659; published Dec. 26, 1922.
Cosmetics. Zura, Inc. 164,458; Feb. 20.
Cough drops. Indian Products Company. 164,687; Feb. 27.
Cough drops. Smith Brothers, Inc. 172,522; Sept. 4; published June 5, 1923.
Cough drops. Wykoff Company. 165,534; Mar. 13; Serial No. 158,663; published Nov. 7, 1922.
Cough drops and lozenges. G. J. Bolduc. 174,356; Oct. 16; Serial No. 177,032; published July 10, 1923.
Cough lozenges. E. Kehr. 170,393; July 17; Serial No. 171,326; published Apr. 10, 1923.
Cough medicine. Cough Checker Company. 177,058; Dec. 11; Serial No. 180,363; published Sept. 18, 1923.
Cough medicine. M. Kade. 163,099; Jan. 2.
Cough medicine. Wykoff Company. 169,840; July 3; Serial No. 172,964; published Mar. 13, 1923.
Cough mixture. Squire and Co. Birmingham Limited. 170,513; July 17; Serial No. 172,776; published Apr. 17, 1923.
Cough mixture. Stolz Bros.-Davis Company. 173,902; Oct. 2; Serial No. 176,227; published July 10, 1923.
Cough preparation. A. Gazzoni & C. 174,827; Oct. 23; Serial No. 175,600; published Aug. 7, 1923.
Cough sirup. W. Miller. 175,623; Nov. 6; Serial No. 180,768; published Aug. 14, 1923.
Cough sirup. Moss & Money. 169,023; May 29.
Cough sirup. Standard Laboratories. 165,604; Mar. 13; Serial No. 167,024; published Dec. 12, 1922.
Cough sirup. A. Yumet. 165,476; Mar. 13; Serial No. 168,089; published Dec. 12, 1922.
Cough sirup, toothache relief, antiseptic concentrate, stomach, liver, and bowel pills, etc. M. Alexander. 164,318; Feb. 20.
Cough sirups. Puente & Cicero. 169,578; June 26; Serial No. 161,334; published Mar. 6, 1923.
Counterirritant and rubefacient. Alpen Company. 176,309; Nov. 20; Serial No. 179,129; published Aug. 7, 1923.
Cream and cleansing or cold cream, Vanishing. Charm-U Co. 169,983; July 10; Serial No. 167,838; published Apr. 10, 1923.
Cream and face powder, Complexion. W. C. Tomezak. 165,607; Mar. 13; Serial No. 167,060; published Dec. 12, 1922.
Cream and face powder, deodorant, etc., Combination cold. Atlanta Barbers Supply Company. 174,705; Oct. 23; Serial No. 176,592; published July 24, 1923.
Cream and powder, Face. Parisian Imports, Inc. 164,971; Feb. 27.
Cream and rouge, toilet water, etc., Facial. B. B. Forquer. 173,966; Oct. 2; Serial No. 159,862; published July 17, 1923.
Cream, brilliantine, freckle cream, rouge, etc., Lemon. J. Caplan. 177,294; Dec. 18. Serial No. 175,131; published Sept. 25, 1923.
Cream, Cold. Bristol-Myers Company. 167,913; May 8; Serial No. 169,156; published Jan. 9, 1923.
Cream, Cold. J. Macdonald. 165,492; Mar. 13; Serial No. 166,188; published Dec. 5, 1922.
Cream, Cold. A. U. Sternlof. 173,428; Sept. 25; Serial No. 162,775; published June 26, 1923.
Cream, Cold. M. E. Wilder. 165,704; Mar. 20. Serial No. 168,537; published Dec. 26, 1922.
Cream, complexion and face powders, tooth paste, etc., Cold. J. W. Lowrance. 172,561; Sept. 11; Serial No. 171,427; published May 29, 1923.
Cream, complexion powder, perfume, and toilet water, Cold. Lady Janis Perfume Co. 170,028; July 10; Serial No. 173,652; published Apr. 10, 1923.
Cream, Face. Inecto Incorporation. 173,908; Oct. 2; Serial No. 175,990; published July 10, 1923.
Cream, Face. Leona Libbe Inc. 165,469; Mar. 13; Serial No. 167,573; published Dec. 12, 1922.
Cream, Face. F. N. Lewis. 168,496; May 22.
Cream, Face or skin. Daisy-Du Company. 165,501; Mar. 13; Serial No. 166,048; published Nov. 7, 1922.
Cream, face powder, lip pencil, rouge, etc., Face. Vanity Fair Company. 177,178; Dec 11; Serial No. 180,991; published Sept. 18, 1923.
Cream, Facial. C. Jaeger Distributing Co. 172,572; Sept. 11; Serial No. 170,388; published Apr. 17, 1923.
Cream, Fat-reducing. Dainty-Form Company. 175,621; Nov. 6; Serial No. 180,791; published Aug. 14, 1923.
Cream, Freckle-removing or bleaching. Sunny Susan Laboratories. 176,236; Nov. 20; Serial No. 164,567; published Aug. 7, 1923.
Cream, hair grower, and corn remedy, Cold, vanishing, and bleaching. R. W. Hunter. 170,080; July 10; Serial No. 167,520; published Mar. 20, 1923.
Cream, Hand. E. R. Myer. 167,433; May 1; Serial No. 163,282; published Dec. 26, 1922.
Cream, lip sticks, eyebrow pencils, bath lotions, etc., Cold. Daniels and Fisher Stores Company. 157,359; Nov. 6; published Aug. 1, 1922.
Cream, Massage. J. E. Hopke. 169,668; June 26; Serial No. 171,169; published Mar. 27, 1923.
Cream, nasal spray, preparation for removing corns, Catarrh. Key Chemical Co. 165,678; Mar. 20; Serial No. 166,376; published Jan. 2, 1923.
Cream of tartar. Park & Tilford. 173,321; Sept. 25; Serial No. 173,241; published June 26, 1923.
Cream powder, Cold-. Armand Company. 172,968; Sept. 11; Serial No. 174,994; published June 5, 1923.
Cream, Reducing. Camilla Preparations, Inc. 174,945; Oct. 30; Serial No. 178,893; published July 24, 1923.
Cream, Reducing. B. K. Hartzell. 164,486; Feb. 20.
Cream, Retiring. H. N. Creger. 163,428; Jan. 9.
Cream, Rouge vanishing. Danya, Inc. 175,485; Nov. 6; Serial No. 178,231; published Aug. 21, 1923.
Cream, Skin. G. J. Southworth. 167,503; May 1; Serial No. 166,480; published Dec. 26, 1922.
Cream, Skin-cleansing. F. N. Lewis. 168,498; May 22.
Cream, Toilet. L. I. Coggins. 172,745; Sept. 11; Serial No. 167,972; published Apr. 24, 1923.
Cream, Toilet. Peroxide Chemical Co. 169,116; June 5.
Cream, Toilet. M. Sullivan. 164,622; Feb. 20.
Cream, toilet waters, perfumes, etc., Cleansing and finishing. Grant Watkins Co. 172,356; Aug. 28; Serial No. 173,483; published May 15, 1923.
Cream, Vanishing and massage. A. J. Krank Mfg. Co. 170,745; July 24; Serial No. 173,500; published Apr. 24, 1923.
Creams and hand lotions, Face. Lilly Springer Co. 164,337; Feb. 20.
Creams and powders, hair tonic, bath crystals, etc., Face. J. H. Browne. 167,725; May 8; Serial No. 153,236; published Jan. 30, 1923.
Creams and powders, perfumes, etc., Face. Bolitho & Stringer. 165,519; Mar. 13; Serial No. 163,855; published Dec. 19, 1922.
Creams and powders, perfumes, toilet waters, rouges, etc., Face. A. L. Lynch. 169,843; July 3; Serial No. 172,950; published Mar. 13, 1923.
Creams, coconut-oil shampoo, quinine hair tonic, etc., Cold, etc. Klinker Manufacturing Co. 164,675; Feb. 27.
Creams, Face. Beebe Laboratories, Incorporated. 173,202; Sept. 18; Serial No. 172,724; published June 19, 1923.
Creams, face powders, etc. Benz Toilet Products, Inc. 165,009; Feb. 27.
Creams, face powder, rouges, etc., Cold and day. M. C. Murphy. 173,970; Oct. 2; Serial No. 168,426; published July 17, 1923.
Creams, face powder, toilet waters, etc., Cleansing and vanishing. Richard Hudnut 168,234; May 15; Serial No. 171,171; published Feb. 13, 1923.
Creams, Facial. Medicraft Company. 172,355; Aug. 28; Serial No. 173,433; published May 15, 1923.
Creams for eczema, Healing. St. Firo Remedy Co. 174,346; Oct. 16; Serial No. 143,464; published July 17, 1923.
Creams for freckles. J. H. Bereman. 172,550; Sept. 4; Serial No. 173,318; published May 29, 1923.
Creams, lotions, manicuring preparations, etc., Face. G. W. Jennings. 172,854; Sept. 11; Ser. No. 175,658; publishd June 5, 1923.
Creams, lotions, rouges, etc., Face. B. C. A. Tozer. 177,732; Dec. 25; Serial No. 175,576; published Oct. 9, 1923.
Creams, perfume, sachets, etc., Cold, face, vanishing, and cleansing. A. P. Babcock Co. 177,169; Dec. 11; Serial No. 181,237; published Sept. 18, 1923.
Creams, perfumes, toilet waters, face powders, etc., Toilet. E. C. Harley Company. 172,395–6; Aug. 28; Serial Nos. 167,397–8; published Jan. 23, 1923.
Creams, powders, rouges, etc., Face and other. Union Pharmacal Company. 176,271; Nov. 20; Serial No. 177,414; published Aug. 14, 1923.
Creams, rose water and glycerin, witch-hazel, etc., Cold, etc. S. S. Pierce Co. 164,424; Feb. 20.
Creams, rouge, etc. Beautex Laboratories Company. 173,049; Sept. 11; Serial No. 176,817; published June 12, 1923.
Creams, shampoo, toilet waters, talcum powders, Massage and face. Model Barber Supply Co. 167,439; May 1; Serial No. 161,400; published Jan. 30, 1923.
Creams, shaving and beauty lotions, etc., Almond massage and other. E. M. Munson. 170,084; July 10; Serial No. 168,057; published Apr. 3, 1923.
Creams, Toilet. H. Flamhaft. 163,231; Jan. 2.
Creams, Toilet. H. Flamhaft. 165,548; Mar. 13; Serial No. 149,506; published Nov. 7, 1922.

Creams, Toilet and vanishing. Davis & Lawrence. 177,367; Dec. 18; Serial No. 181,821; published Sept. 25, 1923.
Creams, Vanishing face and cold. R. Flores. 172,742; Sept. 11; Serial No. 168,408; published May 15, 1923.
Croup and cough sirups. A. J. Doverspike. 163,055; Jan. 2.
Dandruff remedy, toilet and skin preparation. J. E. Curran Corporation. 167,414; May 1; Serial No. 168,515; published Jan. 23, 1923.
Dandruff remover. H. E. Del Sordo. 170,025; July 10; Serial No. 173,593; published Apr. 10, 1923.
Dandruff remover, Liquid. S. P. Taylor. 174,072; Oct. 2; Serial No. 178,575; published July 10, 1923.
Dental anæsthetic. S. E. Donohue. 169,697; June 26.
Dental anæsthetic. J. M. Wilson. 173,051; Sept. 11; Serial No. 176,775; published June 12, 1923.
Dental cream. P. H. Brady. 164,729; Feb. 27.
Dental cream. J. MacDonald. 166,656; Apr. 10; Serial No. 123,442; published June 22, 1920.
Dental cream. W. M. Thompson. 164,444; Feb. 20.
Dental medicinal compound. G. E. Weaver. 177,751; Dec. 25; Serial No. 179,503; published Aug. 21, 1923.
Dental preparations. C. S. Long. 169,689; June 26; Serial No. 165,798; published Feb. 27, 1923.
Dentifrice. C. C. Cummins. 177,094; Dec. 11; Serial No. 171,452; published Sept. 11, 1923.
Dentifrice. M. W. Kent. 173,988; Oct. 2; Serial No. 178,724; published July 17, 1923.
Dentifrice. R. O. Lee. 167,582; May 1; Serial No. 170,202; published Jan. 30, 1923.
Dentifrice. F. N. Lewis. 168,037; May 8.
Dentifrice. Mar-Son Medicine Co. 165,711; Mar. 20; Serial No. 168,327; published Dec. 19, 1922.
Dentifrice. A. Ratner. 165,614; Mar. 13; Serial No. 167,197; published Dec. 12, 1922.
Dentifrice and prophylactic paste. C. A. L. Reed. 172,232; Aug. 28; Serial No. 174,860; published May 15, 1923.
Dentifrice, Liquid. Ortho Manufacturing Company. 174,474; Oct. 16; Serial No. 178,276; published July 10, 1923.
Dentifrices. N. M. Hopkins. 173,221; Sept. 18; Serial 180,768; published Aug. 14, 1923.
Dentifrices. Societe Anonyme la Biotherapie, (Societe Anonyme de Produits Chimiques Biologiques et d'Hygiene.) 169,756; July 3; Serial No. 171,289; published Mar. 27, 1923.
Dentifrices and products used for the hygiene of the mouth. Societe Anonyme Dentifrices Bi-Oxyne. 177,229; Dec. 11; Serial No. 181,705; published Sept. 18, 1923.
Deodorant. J. T. Gallagher. 170,740; July 24; Serial No. 174,239; published Apr. 24, 1923.
Deodorant. Marmola Company. 176,950; Dec. 11; Serial No. 178,621; published Sept. 18, 1923.
Deodorant. L. S. Thomas. 174,379; Oct. 16; Serial No. 163,011; published Aug. 22, 1922.
Deodorant and disinfectant. U. S. Sanitary Specialties Corporation. 172,358; Aug. 28; Serial No. 173,544; published May 1, 1923.
Deodorant for mouth and stomach, Purifying. Maybreath Company. 169,857; July 3; Serial No. 172,050; published Mar. 13, 1923.
Deodorant, Perspiration. Jean Jordeau, Inc. 175,011; Oct. 30; Serial No. 177,742; published Aug. 7, 1923.
Deodorants. Elmo, Inc. 168,410; May 22; Serial No. 171,352; published Feb. 20, 1923.
Deodorants. L. Gaspari. 173,825; Oct. 2; Serial No. 175,483; published June 26, 1923.
Deodorants. P. K. Hornsby. 170,108; July 10; Serial No. 157,923; published Apr. 3, 1923.
Deodorants, disinfectants, insecticide, roach powder, pipe cleaner, and scale remover. Sanozone Chemical Co. 167,490; May 1; Serial No. 140,807; published Jan. 23, 1923.
Deodorizing fluid. Selig Company. 176,290; Nov. 20; Serial No. 180,393; published Aug. 14, 1923.
Deodorizing preparation for ice boxes, etc. B. Heller & Company. 172,579; Sept. 11; Serial No. 172,043; published May 15, 1923.
Deodorizing preparations, Chemical. Fouke Fur Company. 172,352; Aug. 28; Serial No. 173,325; published May 15, 1923.
Depilatories. M. Deutsch. 163,050; Jan. 2.
Depilatories. F. N. Lewis. 168,497; May 22.
Depilatory. L. Claverie. 176,168; Nov. 20; Serial No. 177,275; published Aug. 28, 1923.
Detergent. National Marking Machine Company. 170,977; July 24.
Diastase, Concentrated commercial. Ebling Company. 175,577; Nov. 6; Serial No. 181,065; published Aug. 21, 1923.
Digestant compound. G. A. Swift. 172,709; Sept. 11; Serial No. 175,531; published May 15, 1923.
Digitalis preparation. Merck & Co. 165,021; Feb. 27.
Disinfectant. Graham Chemical Company. 174,150; Oct. 2.
Disinfectant. National Renovating & Supply Co. 176,916; Dec. 4.
Disinfectant. Selig Company. 176,291; Nov. 20; Serial No. 180,394; published Aug. 14, 1923.
Disinfectant. Selig Company. 176,296; Nov. 20; Serial No. 180,395; published Aug. 14, 1923.
Disinfectant. Selig Company. 176,322; Nov. 20; Serial No. 180,396; published Aug. 14, 1923.
Disinfectant. N. S. Hillyard. 174,861; Oct. 23; Serial No. 180,600; published Aug. 7, 1923.
Disinfectant. L. Whitt. 174,856; Oct. 23; Serial No. 177,059; published July 31, 1923.
Disinfectant and air purifier. Huntington Chemical Company, 166,266; Mar. 27; Serial No. 166,827; published Dec. 5, 1922.
Disinfectant and deodorizer. B. Heller & Company. 169,836; July 3; Serial No. 172,991; published Mar. 13, 1923.
Disinfectant, Coal-tar. Bertolaia & Goedert. 167,922; May 8; Serial No. 169,472; published Jan. 9, 1923.
Disinfectant for veterinary uses. Creolin Co. 164,685; Feb. 27.
Disinfectant in powdered form. H. Ehrlich & Sons Mfg. Co. 165,503; Mar. 13; Serial No. 166,051; published Jan. 2, 1923.
Disinfectants. Britex Chemical Products Limited. 174,024; Oct. 2; Serial No. 176,397; published June 19, 1923.
Disinfectants. Wm. McDonagh & Sons. 172,794; Sept. 11; Serial No. 175,403; published June 5, 1923.
Disinfectants. Newton, Chambers & Company. 23,664; renewed Sept. 26, 1923.
Disinfectants and antiseptics. J. W. Kerr. 163,102; Jan. 2.
Disinfectants and medicinal preparation and dressing used for both human beings and animals. Chemische Fabrik Güstrow, Dr. Hillringhaus & Dr. Heilmann. 165,546; Mar. 13; Serial No. 148,318; published Dec. 5, 1922.
Disinfectants, dyes, emulsion gelatin, etc. Röhm & Haas Aktiengesellschaft. 177,415; Dec. 18; Serial No. 165,888; published Sept. 25, 1923.
Disinfectants, germicides, and antiseptics. Frederick Stearns & Company. 164,449; Feb. 20.
Disinfectants, insecticides, and deodorants. Chemical Enterprises Incorporated. 176,308; Nov. 20; Serial No. 179,133; published Aug. 14, 1923.
Disinfectants, Solidified coal-tar. Bech, Van Siclen & Co. 175,198; Oct. 30; Serial No. 174,815; published Aug. 7, 1923.
Drain solvents. Buffalo Specialty Company. 163,029; Jan. 2.
Drain solvents. Buffalo Specialty Co. 167,574; May 1; Serial No. 166,630; published Jan. 9, 1923.
Drink for chicks, Antiseptic. V. C. Getz. 173,894; Oct. 2; Serial No. 177,292; published July 10, 1923.
Dye, Concentrated home. E Z Chemical Co. 164,395; Feb. 20.
Dye, Egg. Schroeder & Hinkle. 172,547; Sept. 4; Serial No. 173,537; published May 29, 1923.
Dye for furs, Chemical. A. Kosofsky. 168,503; May 22.
Dye, Hat. G. H. Capen. 168,065; May 15; Serial No. 171,350; published Feb. 20, 1923.
Dye, Oil leather. Benton Holladay & Co. 170,061; July 10; Serial No. 172,195; published Apr. 3, 1923.
Dyeing processes, Intermediate for. E. I. du Pont de Nemours & Company. 163,057; Jan. 2.
Dyes. L. L. Briden & Co. 167,904; May 8; Serial No. 168,871; published Jan. 30, 1923.
Dyes. Gypsy Dyes, Inc. 177,238; Dec. 11; Serial No. 181,486; published Sept. 18, 1923.
Dyes. Monroe Drug Co. 163,131; Jan. 2.
Dyes and coal-tar intermediates, Aniline. Dye Products and Chemical Co. 164,433; Feb. 20.
Dyes and dye sticks. Kohn & Silverberg. 176,305; Nov. 20; Serial No. 179,208; published Aug. 14, 1923.
Dyes and dyestuffs. Grasselli Chemical Company. 164,611; Feb. 20.
Dyes and dyestuffs. Grasselli Chemical Company. 169,838; July 3; Serial No. 172,987; published Mar. 6, 1923.
Dyes and dyestuffs. Grasselli Chemical Company. 169,839; July 3; Serial No. 172,986; published Apr. 3, 1923.
Dyes and dyestuffs. Grasselli Chemical Company. 173,125; Sept. 18; Serial No. 157,922; published June 12, 1923.
Dyes and dyestuffs. H. A. Metz & Co. 170,413; July 17; Serial No. 173,238; published Apr. 10, 1923.
Dyes, Aniline. John Campbell & Co. 165,487; Mar. 13; Serial No. 166,284; published Nov. 7, 1922.
Dyes, colors, and intermediates, Coal-tar. Dyestuffs & Chemicals, Incorporated. 173,050; Sept. 11; Serial No. 176,789; published June 12, 1923.
Dyes, dyestuffs, and Turkey-red oil, Aniline. Aniline Sales Corporation. 164,671; Feb. 27.
Dyestuffs. G. Bothamley. 175,432; Nov. 6; Serial No. 171,568; published Aug. 28, 1923.
Dyestuffs. E. I. du Pont de Nemours & Company. 167,613; May 1; Serial No. 149,954; published Jan. 2, 1923.
Dyestuffs. N. Erlanger, Blumgart & Co. 169,100; June 5.
Dyestuffs. Geigy Company. 165,426; Mar. 13; Serial No. 165,992; published Dec. 5, 1922.
Dyestuffs. H. A. Metz & Co. 174,069; Oct. 2; Serial No. 178,563; published July 10, 1923.

Classified list of trade-marks registered—Continued.

Dyestuffs. C. H. A. Schmitt Company, Inc. 177,185; Dec. 11; Serial No. 180,622; published Sept. 11, 1923.
Dyestuffs, certified food colors, and intermediates. National Aniline & Chemical Company. 165,706; Mar. 20; Serial No. 168,427; published Dec. 19, 1922.
Dyestuffs, certified food colors, and intermediates. National Aniline & Chemical Company. 166,390–7; Apr. 3; Serial No. 169,409–16; published Oct. 24, 1922.
Dyestuffs, colors, and pigments. E. C. Kliptein & Sons Company. 167,624; May 1; Serial No. 167,679; published Dec. 26, 1922.
Dyestuffs, dyestuff intermediates, and chemicals. E. I. du Pont de Nemours & Company. 177,092; Dec. 11; Serial No. 172,869; published Sept. 11, 1923.
Dyspeptic compound. H. A. Gauthier. 166,973; Apr. 17.
Effervescing compounds used as a blood salts, Granulated. R. A. B. Hatch. 168,449; May 22; Serial No. 170,291; published Feb. 20, 1923.
Egg producer and poultry tonic. Carolina Remedies Co. 172,696; Sept. 11; Serial No. 177,272; published Apr. 17, 1922.
Electric bulbs, Compound for coloring. McKay Company. 170,372; July 17; Serial No. 174,090; published Apr. 10, 1923.
Electrical conductors, Chemical compound to remedy defective insulation in. G. L'Heureux. 163,087; Jan. 2.
Electroplating, Composition of matter for use in. Roessler & Hasslacher Chemical Company. 165,603; Mar. 13; Serial No. 167,016; published Jan. 2, 1923.
Electroplating solutions, Chemicals in combination for. A. P. Munning & Co. 165,719–20; Mar. 20; Serial Nos. 166,309–10; published Nov. 7, 1922.
Embalmers' face pack, clay massage, cold and vanishing creams. C. L. Shute. 172,565; Sept. 11; Serial No. 170,742; published Apr. 17, 1923.
Embrocation or liniment. E. Shinbaum. 166,876; Apr. 17; Serial No. 156,827; published Jan. 9, 1923.
Emollient for the skin. Shirey & Brown. 23,800; renewed Nov. 7, 1923.
Emollient for treating feet. E. T. Cook. 175,427; Nov. 6; Serial No. 173,701; published Aug. 21, 1923.
Emollient for use for chapped skin, sunburn, etc. J. Barab. 176,318; Nov. 20; Serial No. 179,085; published Sept. 11, 1923.
Emulsion of cod-liver oil, sirup of white pine and tar, aspirin, etc. United Retail Chemists Corporation. 169,886; July 3; Serial No. 154,773; published Mar. 13, 1923.
Emulsion petroleum. Orchard Drug Co. 170,920–1; July 24; Serial No. 165,807–8; published Apr. 24, 1923.
Emulsion used in treating constipation. Nolyec Laboratories. 177,159; Dec. 11; Serial No. 181,769; published Sept. 18, 1923.
Emulsion used in treating constipation. Nolyec Laboratories. 177,167; Dec. 11; Serial No. 181,767; published Sept. 18, 1923.
Enamel, Face. Gloria Co. 167,653; May 8; Serial No. 167,940; published Jan. 9, 1923.
Engines, Carbon remover for gasoline. W. H. Koetter. 174,878; Oct. 23; Serial No. 180,126; published July 31, 1923.
Engines, Carbon removers for internal-combustion. Q-B Manufacturing Co. 168,101; May 15; Serial No. 164,512; published Jan. 2, 1923.
Engines, Compound for removing carbon from gas. C. H. Coburn. 168,052; May 15; Serial No. 169,846; published Feb. 6, 1923.
Engines, Fuel intensifier and carbon preventive for internal-combustion. McComas & Goodwin. 172,692; Sept. 11; Serial No. 154,374; published May 8, 1923.
Enzyme substances of vegetable fungus. Takamine Laboratory, Inc. 172,650; Sept. 11; Serial No. 147,806; published Apr. 24, 1923.
Eucalyptus remedies for colds, catarrh, and rheumatism. N. C. Heron. 172,833; Sept. 11; Serial No. 161,312; published June 5, 1923.
Expectorant compound for treatment of coughs, colds, etc. Key Chemical Co. 163,234; Jan. 2.
Extract anterior lobe pituitary gland. Parke, Davis & Company. 176,313; Nov. 20; Serial No. 179,220; published July 31, 1923.
Extract, toilet water, face and talcum powder, etc. E. Burnham, Inc. 176,367; Nov. 20.
Eyebrow coloring. Harriet Hubbard Ayer. 165,467; Mar. 13; Serial No. 167,503; published Dec. 12, 1922.
Eyedrops. P. Kekas. 167,636; May 1; Serial No. 166,600; published Dec. 26, 1922.
Eye liquid. C. Barton. 167,835; May 8; Serial No.
Eye lotion. H. M. Harris. 164,454; Feb. 20. 169,234; published Feb. 13, 1923.
Eyewash. I-Ez Co. 169,644; June 26; Serial No. 170,433; published Mar. 20, 1923.
Eyewash. H. M. Harris. 165,550; Mar. 13; Serial No. 151,006; published Nov. 7, 1922.
Face cleanser and cream, talcum powder, etc. A. Lanzet. 167,464; May 1; Serial No. 167,135; published Jan. 23, 1923.
Facial and toilet preparations. M. Sullivan. 164,623; Feb. 20.
Facial packs. Parisian Specialty Co. 173,210; Sept. 18; Serial No. 171,382; published June 19, 1923.
Fat reducer. Noavo Laboratories. 176,208; Nov. 20; Serial No. 178,863; published Sept. 4, 1923.
Ferments, serums, vaccines, virus, and disinfectants. Pasteur Laboratories of America. 164,472; Feb. 20.
Fire-extinguishing compound. River-Lake Chemical Co. 176,239; Nov. 20; Serial No. 160,905; published Aug. 7, 1923.
Fire-extinguishing compounds. Pyrene Manufacturing Company. 175,575; Nov. 6; Serial No. 181,043; published Aug. 21, 1923.
Fire-extinguishing powders. C. R. Marstin. 170,148; July 10; Serial No. 168,272; published Apr. 3, 1923.
Flesh builder and iron tonic. W. A. Lawler. 167,501; May 1; Serial No. 166,508; published Dec. 26, 1922.
Flour, meal, milling products, etc., Oxidizing agents for bleaching. Naamlooze Vennootschap Industrieele Maatschappij V./H. Noury & Van Der Lande. 166,086; Mar. 27; Serial No. 157,622; published Oct. 17, 1922.
Fluid formula and preparation for killing house flies, mosquitoes, etc. Pittman Chemical Company. 164,106; Feb. 13.
Flux, Foundry. Hillside Fluor Spar Mines. 175,636; Nov. 6; Serial No. 179,792; published Aug. 28, 1923.
Fly and insect mist. Johnston United Chemical Co. 169,749; July 3; Serial No. 172,224; published Mar. 27, 1923.
Food or peptone, Artificially-digested. Fairchild Bros. & Foster. 23,467; renewed Aug. 8, 1923.
Food tonic and general stimulant. Drug Products Co. 176,199; Nov. 20; Serial No. 166,134; published July 10, 1923.
Food tonics. Vitamine Products Company. 164,120–1; Feb. 13.
Foot balm. L. Hofer. 176,981; Dec. 11; Serial No. 179,793; published Sept. 11, 1923.
Foot-bath preparation. Kingsbury Company. 173,118; Sept. 18; Serial No. 167,965; published June 5, 1923.
Foot powder. J. Misewicz. 177,050; Dec. 11; Serial No. 180,443; published Sept. 18, 1923.
Foot powder, Antiseptic. A. O. Schmidt. 167,368; May 1; Serial No. 169,784; published Jan. 23, 1923.
Foot powder, Medicated. H. Rudnick. 167,747; May 8; Serial No. 169,564; published Jan. 9, 1923.
Foot powders. Badger Foot Powder Co. 164,497; Feb. 20.
Fuel intensifier and carbon remover. Certified Laboratories, Inc. 169,821; July 3; Serial No. 168,632; published Mar. 13, 1923.
Fumigating, spraying, and dipping preparations. American Nicotine Company. 163,006; Jan. 2.
Fungicide, seed disinfectant, and general disinfectant. E. I. du Pont de Nemours & Company. 169,853; July 3; Serial No. 172,263; published Mar. 13, 1923.
Gas, Carbonic-acid. Compressed Carbonic Company. 167,602; May 1; Serial No. 165,063; published Dec. 26, 1922.
Gelatinous compound and nonalcoholic preparation for the relief of dyspepsia, etc. A. D. Pope. 176,304; Nov. 20; Serial No. 179,282; published Aug. 21, 1923.
Germicidal solution. Sharpe-Philippi Co. 168,663; May 29; Serial No. 155,327; published Feb. 20, 1923.
Germicide. Boro Chemical Co. 167,560; May 1; Serial No. 165,267; published Dec. 26, 1922.
Germicide. Colveride Laboratories, Inc. 164,479; Feb. 20.
Germicide and laxative, Intestinal. J. N. Raymond. 175,612; Nov. 6; Serial No. 180,890; published Aug. 14, 1923.
Germicide, Antiseptic. Sodiphene Company. 168,312; May 15.
Germicide, insecticide, and disinfectant. J. S. Tumblin. 165,489; Mar. 13; Serial No. 166,209; published Dec. 5, 1922.
Germicides, disinfectants, and other deodorizing preparations. Chemische Fabrik auf Actien, (vormals E. Schering). 23,629; renewed Sept. 19, 1923.
Glass, Chemical compound for etching. McKay Company. 170,751; July 24; Serial No. 174,091; published Apr. 24, 1923.
Glycerin. Procter and Gamble Company. 174,327; Oct. 16; Serial No. 177,998; published July 17, 1923.
Goiter preventive. J. J. Bach. 177,673; Dec. 25; Serial No. 180,736; published Oct. 9, 1923.
Gum, Laxative chewing. Health Products Corporation. 170,434; July 17; Serial No. 171,732; published Apr. 10, 1923.
Gum, Medicated chewing. R. A. Poor. 167,658; May 8; Serial No. 167,829; published Jan. 9, 1923.
Gum, Medicinal chewing. West & Tuell. 173,527; Sept. 25.
Hæmostatic preparations. V. Baldacci. 174,934; Oct. 30; Serial No. 170,888; published July 24, 1923.
Hæmostatics. Farbenfabriken vorm. Friedr. Bayer & Co. 170,275; July 10; Serial No. 173,922; published Apr. 10, 1923.
Hair and beard, Preparation for the. J. B. Williams Company. 167,906; May 8; Serial No. 168,952; published Jan. 30, 1923.
Hair and scalp, Preparation for the treatment of. F. De Zon. 172,363; Aug. 28; Serial No. 174,130; published May 15, 1923.
Hair and scalp, Preparation for use in the treatment of. Mrs. E. A. Blake. 173,190; Sept. 18; Serial No. 167,797; published June 26, 1923.
Hair coloring. Seven Sutherland Sisters Corp. 165,625; Mar. 13; Serial No. 167,490; published Dec. 12, 1922.

Hair-combing cream. Edward Wesley & Company. 169,617; June 26; Serial No. 172,625; published Mar. 6, 1923.
Hair dressing. M. C. Coaston. 173,560; Sept. 25.
Hair dressing. A. J. Kleis. 176,171; Nov. 20; Serial No. 177,443; published Sept. 4, 1923.
Hair dressing. Diamond Laboratories, Inc. 173,868; Oct. 2; Serial No. 176,791; published June 12, 1923.
Hair dressing. M. A. Dickson. 167,745; May 8; Serial No. 169,533; published Jan. 9, 1923.
Hair dressing. Glossy Straight Manufacturing Co. 171,917; Aug. 14.
Hair dressing. Jerico Co. 168,411; May 22; Serial No. 171,324; published Feb. 20, 1923.
Hair dressing. A. J. Kleis. 177,403; Dec. 18; Serial No. 177,444; published Sept. 25, 1923.
Hair dressing. S. S. Levy. 174,322; Oct. 16; Serial No. 177,854; published July 10, 1923.
Hair dressing. M. L. Moton. 166,911; Apr. 17; Serial No. 169,067; published Jan. 9, 1923.
Hair dressing. C. J. Niles. 163,896; Feb. 6.
Hair dressing. Plough Chemical Company. 165,008; Feb. 27.
Hair dressing. F. M. Sherrer. 165,588; Mar. 13; Serial No. 157,853; published Dec. 5, 1922.
Hair dressing. J. Thompson. 173,694; Oct. 2; Serial No. 177,334; published June 12, 1923.
Hair dressing. Waukee Company. 167,583; May 1; Serial No. 170,168; published Jan. 30, 1923.
Hair dressing. R. W. Whitaker. 168,051; May 15; Serial No. 169,837; published Feb. 6, 1923.
Hair dressing and dandruff remedy. A. J. Krank. 170,192–3; July 10; Serial Nos. 173,427–8; published Apr. 3, 1923.
Hair dressing and tonic, Greaseless. V. Lee. 169,887; July 3; Serial No. 155,353; published Mar. 6, 1923.
Hair-dressing tonic. J. P. Merola. 166,183; Mar. 27; Serial No. 166,602; published Dec. 5, 1922.
Hair dressings. A. W. Tipps. 164,916; Feb. 27.
Hair dressings, Liquid, cream, and pomade. G. M. Miller. 174,358; Oct. 16; Serial No. 176,905; published July 17, 1923.
Hair dye. P. Balme. 165,811; Mar. 20; Serial No. 167,345; published Jan. 2, 1923.
Hair dye. A. Yumet. 165,477; Mar. 13; Serial No. 168,088; published Dec. 12, 1922.
Hair dyes. G. Bailet. 167,807; May 8; Serial No. 167,218; published Feb. 13, 1923.
Hair dyes and colorings for eyebrows and lashes. L. Hayman. 174,733; Oct. 23; Serial No. 159,581; published Aug. 7, 1923.
Hair dyes and colorings, perfumes, rouge, lip sticks, toilet powders and creams. E. Schueller. 166,229; Mar. 27; Serial No. 165,094; published Oct. 10, 1922.
Hair elixir. B. A. Archambault. 165,848; Mar. 20; Serial No. 168,627; published Jan. 2, 1923.
Hair elixirs, growers, brilliantines, straighteners, and shampoos. H. L. Trotman. 169,509; June 26; Serial No. 171,394; published Mar. 20, 1923.
Hair gloss and grower. M. E. Swan. 169,778; July 3; Serial No. 168,737; published Mar. 13, 1923.
Hair grower. A. J. Calajoe. 176,244; Nov. 20; Serial No. 176,162; published Aug. 7, 1923.
Hair grower. I. McKoin. 174,323; Oct. 16; Serial No. 177,858; published July 17, 1923.
Hair grower. A. C. Reed. 164,355; Feb. 20.
Hair grower. Robinette Co. 169,657; June 26; Serial No. 167,195; published Mar. 6, 1923.
Hair grower. E. Stevens. 172,677; Sept. 11; Serial No. 165,642; published May 8, 1923.
Hair grower and dandruff preparation. C. L. Green. 175,573; Nov. 6; Serial No. 181,023; published Aug. 28, 1923.
Hair grower, Antiseptic. George W. Merritt Company. 174,034; Oct. 2; Serial No. 176,749; published June 19, 1923.
Hair grower, glossitine, and tonic, face creams, etc. S. E. Baugh. 164,350; Feb. 20.
Hair grower, hair tonic, shampoo, tetter salve, etc. A. Taylor. 172,598; Sept. 11; Serial No. 171,517; published June 5, 1923.
Hair grower, pressing oil, etc. P. Woodard. 176,174; Nov. 20; Serial No. 178,486; published Aug. 28, 1923.
Hair growers, tetter salve, face cream, etc. Mme. Bertha M. Hicks Manufacturing Co. 170,394; July 17; Serial No. 171,365; published Apr. 3, 1923.
Hair invigorator and softener. A. Adduci. 164,102; Feb. 13.
Hair lotion. M. A. Ashkar. 166,966; Apr. 17.
Hair lotions and skin creams. S. R. Glassmire. 172,350; Aug. 28; Serial No. 173,283; published May 15, 1923.
Hair oils. Foley & Company. 172,974; Sept. 11; Serial No. 176,261; published June 12, 1923.
Hair pomade. E. A. Heitkamp. 172,722; Sept. 11; Serial No. 174,777; published May 22, 1923.
Hair pomade, preparation for beautifying the hair, shampoo, etc. D. A. Jones. 170,121; July 10; Serial No. 163,991; published Mar. 27, 1923.
Hair pomades. Standard Laboratories, Inc. 169,867; July 3; Serial No. 175,222; published Mar. 13, 1923.
Hair preparation. E. Burnham, Inc. 167,319; Apr. 24.
Hair preparation. R. H. Cromwell. 172,977; Sept. 11. Serial No. 176,074; published June 12, 1923.
Hair preparation. A. Montgomery. 177,191; Dec. 11; Serial No. 178,055; published Sept. 18, 1923.
Hair preparation and tonic. B. Lauber. 177,814; Dec. 25.
Hair, Preparation for restoring. S. R. Glassmire. 168,310; May 15.
Hair remover. H. S. Hinkle. 176,974; Dec. 11; Serial No. 180,066; published Sept. 11, 1923.
Hair restorative. F. La Fuer. 171,903; Aug. 14.
Hair restorer. Philomena Schmalz & Co. 167,874; May 8; Serial No. 168,004; published Feb. 6, 1923.
Hair restorer. J. R. Smith. 169,802; July 3; Serial No. 168,652; published Mar. 13, 1923.
Hair restorer and tonic. R. H. Macy & Co. 168,404; May 22; Serial No. 171,542; published Feb. 20, 1923.
Hair restorer, Gray. E. Burnham, Inc. 163,289; Jan. 9.
Hair salve. Madam C. J. Walker Mfg. Co. 173,199; Sept. 18; Serial No. 173,017; published June 19, 1923.
Hair salve and pomade. H. L. Rabinow. 172,523; Sept. 4; Serial No. 172,058; published Apr. 17, 1923.
Hair saver and darkener. A. T. Silene. 168,839; May 29; Serial No. 170,697; published Feb. 13, 1923.
Hair shampoo, dandruff remover, hair tonic, and scalp cleanser. Security Drug Co. 168,834; May 29; Serial No. 170,550; published Feb. 13, 1923.
Hair stimulant, dandruff and eczema killer. P. D. Siggia. 163,250; Jan. 2.
Hair tonic. L. T. Alexander. 168,195; May 15; Serial No. 168,745; published Feb. 13, 1923.
Hair tonic. M. H. Askinn. 172,707; Sept. 11; Serial No. 175,593; published May 29, 1923.
Hair tonic. C. Baumler. 164,150; Feb. 13.
Hair tonic. L. S. Beaver. 177,457; Dec. 18; Serial No. 178,374; published Sept. 25, 1923.
Hair tonic. W. J. Burns. 176,321; Nov. 20; Serial No. 180,416; published Aug. 14, 1923.
Hair tonic. B. B. Chandler. 164,496; Feb. 20.
Hair tonic. E. Coretty. 169,022; May 29.
Hair tonic. P. P. Davis. 172,230; Aug. 28; Serial No. 174,690; published May 15, 1923.
Hair tonic. Dixie Laboratories. 169,885; July 3; Serial No. 154,015; published Nov. 28, 1922.
Hair tonic. A. P. Eliaves. 167,570; May 1; Serial No. 166,940; published Jan. 2, 1923.
Hair tonic. J. J. Fox. 172,567; Sept. 11; Serial No. 170,635; published June 26, 1923.
Hair tonic. A. E. Glickman. 170,500; July 17; Serial No. 171,017; published Apr. 17, 1923.
Hair tonic. F. Goldberg. 177,133; Dec. 11; Serial No. 144,812; published Sept. 18, 1923.
Hair tonic. F. V. Greco. 177,450; Dec. 18; Serial No. 182,051; published Sept. 25, 1923.
Hair tonic. E. J. Hatton. 167,808; May 8; Serial No. 166,368; published Feb. 13, 1923.
Hair tonic. E. J. Hatton. 167,839; May 8; Serial No. 168,528; published Feb. 13, 1923.
Hair tonic. F. C. Hayes. 167,919; May 8; Serial No. 169,301; published Jan. 9, 1923.
Hair tonic. Indiaroot Company. 177,359; Dec. 18; Serial No. 181,896. published Sept. 25, 1923.
Hair tonic. A. L. Kandle. 172,688; Sept. 11; Serial No. 158,047; published June 5, 1923.
Hair tonic. N. P. Kipuroff. 167,377; May 1; Serial No. 167,820; published Dec. 26, 1922.
Hair tonic. A. J. Krank Mfg. Co. 165,838; Mar. 20; Serial No. 169,599; published Jan. 2, 1923.
Hair tonic. La Salle Company. 165,471; Mar. 13; Serial No. 168,158; published Dec. 12, 1922.
Hair tonic. L. A. Lea. 172,791; Sept. 11; Serial No. 175,503; published June 5, 1923.
Hair tonic. J. Lequy. 167,351; May 1; Serial No. 150,694; published Jan. 23, 1923.
Hair tonic. Marvelette Company. 175,632; Nov. 6; Serial No. 179,945; published Aug. 14, 1923.
Hair tonic. G. A. Menzie. 169,616; June 26; Serial No. 172,606; published Mar. 6, 1923.
Hair tonic. L. Philippe. 168,444; May 22; Serial No. 170,541; published Feb. 20, 1923.
Hair tonic. G. H. Pound. 174,473; Oct. 16; Serial No. 178,280; published July 10, 1923.
Hair tonic. M. A. Schaefer. 167,939; May 8; Serial No. 171,870; published Feb. 20, 1923.
Hair tonic. Scientol Products Co. 177,240; Dec. 11; Serial No. 181,455; published Sept. 18, 1923.
Hair tonic. I. Selkow. 176,300; Nov. 20; Serial No. 179,227; published Aug. 14, 1923.
Hair tonic. B. L. Shields. 167,741; May 8; Serial No. 168,985; published Jan. 2, 1923.
Hair tonic. A. J. Smith. 163,536; Jan. 16.
Hair tonic. D. Velones. 170,968; July 24.
Hair tonic. P. Westphal. 165,709; Mar. 20; Serial No. 168,345; published Dec. 19, 1922.
Hair tonic. V. V. Williams. 168,406; May 22; Serial No. 171,438; published Feb. 20, 1923.
Hair tonic. Womble Chemical Company. 170,782; July 24; Serial No. 174,714; published Apr. 24, 1923.
Hair tonic and dandruff remedy. O. K. Quast. 167,563; May 1; Serial No. 167,783; published Jan. 30, 1923.
Hair tonic and fixative. A. J. Krank. 170,720; July 24; Serial No. 173,193; published Apr. 24, 1923.
Hair tonic and scalp ointment. B. H. Beuchel. 177,223; Dec. 11; Serial No. 176,158; published Sept. 18, 1923.

Classified list of trade-marks registered—Continued.

Hair tonic and shampoo. Five-In-One Manufacturing Co. 176,412; Nov. 27; Serial No. 178,698; published Aug. 14, 1923.
Hair tonic and preservative. De Vito Salvo Hair Tonic Co. 175,012; Oct. 30; Serial No. 177,833; published Aug. 7, 1923.
Hair tonic, complexion powder, etc. I. J. Selkowitz. 172,685; Sept. 11; Serial No. 159,628; published May 29, 1923.
Hair tonic, Floral antiseptic. George W. Merritt Company. 174,033; Oct. 2; Serial No. 176,748; published June 19, 1923.
Hair tonic, toilet waters, colognes, and cold creams. G. Pagonis. 168,276; May 15; Serial No. 168,725; published Feb. 13, 1923.
Hair tonics. V. M. Corso. 173,900; Oct. 2; Serial No. 176,454; published July 10, 1923.
Hair tonics. Daggett & Miller Co. 172,967; Sept. 11; Serial No. 175,007; published June 5, 1923.
Hair tonics. J. Ehmann. 168,131; May 15: Serial No. 170,810; published Feb. 13, 1923.
Hair tonics. Golden Ray Manufacturing Co. 168,843; May 29; Serial No. 170,816; published Feb. 13, 1923.
Hair tonics. E. A. Hughbanks. 167,375; May 1; Serial No. 167,876; published Dec. 26, 1922.
Hair tonics. Hygienic Laboratories. 170,363; July 17; Serial No. 173,932; published Apr. 10, 1923.
Hair tonics and dandruff preventive. Atlanta Barbers' Supply Company. 163,218; Jan. 2.
Hair tonics and shampoos. E. B. Finlayson. 165,843; Mar. 20; Serial No. 169,540; published Jan. 2, 1923.
Hair tonics, smelling salts, witch-hazel, etc. Calhoun, Robbins & Co. 172,514; Sept. 4; Serial No. 172,207; published May 29, 1923.
Healing powder for wounds and sores of livestock. Bickmore Company. 175,481; Nov. 6; Serial No. 179,454; published Aug. 21, 1923.
Herb juice and laxative compound. Herb Juice Medicine Co. 176,338; Nov. 20.
Herb juice and laxative compound. Herb Juice Medicine Co. 176,344; Nov. 20.
Herb tea. S. C. Wells & Co. 175,640; Nov. 6; Serial No. 179,633; published Aug. 21, 1923.
Herb teas and medicines for disorders of the stomach, liver, etc., Laxative. Electronic Remedy Co. 167,555; May 1; Serial No. 165,538; published Jan. 2, 1923.
Heterocylic compounds. M. Freiberger. 170,086; July 10; Serial No. 168,258; published Apr. 3, 1923.
House-fly killer, liquid roach killer, liquid mosquito killer and repellant, etc. N. E. Morgan. 170,060; July 10; Serial No. 172,388; published Apr. 3, 1923.
Hypnotic and antispasmodic. Parke, Davis & Company. 175,422; Nov. 6; Serial No. 170,781; published Aug. 21, 1923.
Hypochlorite solution. Double-acting alkaline. Western Chemical Co. 176,314; Nov. 20; Serial No. 179,119; published Aug. 28, 1923.
Hypodermic solutions. Parke, Davis & Company. 172,850; Sept. 11; Serial No. 176,361; published June 5, 1923.
Hypophosphites, Preparation of. Fellows Medical Manufacturing Company. 175,495; Nov. 6; Serial No. 177,836; published Aug. 14, 1923.
Ice-box deodorants. Kanak Company. 169,645; June 26; Serial No. 170,249; published Feb. 27, 1923.
Impregnating material for use as a preservative. Chemische Fabriken vorm. Weiler-ter Meer. 169,759–61; July 3; Serial Nos. 170,124–6; published Mar. 6, 1923.
Incense. Aroma Incense Company. 176,335; Nov. 20.
Inhalant, Dry-gas. C. F. Hamel. 163,082; Jan. 2.
Inhalers for the treatment of colds, catarrh, hay fever, influenza, etc. E. M. Pletcher. 164,511; Feb. 20.
Ink eradicator. Guild Products Corporation. 169,810; July 3; Serial No. 165,544; published Mar. 13, 1923.
Insect and vermin destroying preparations. Adolph Isaacsen & Son. 23,498; renewed Aug. 15, 1923.
Insect-destroying compound. E. F. Lilly. 176,316; Nov. 20; Serial No. 179,048; published Aug. 14, 1923.
Insect-exterminating liquid. No-Mor Products Co. 176,446; Nov. 27; Serial No. 180,292; published Aug. 28, 1923.
Insect exterminator. W. H. Metzger. 170,122; July 10; Serial No. 164,180; published Apr. 3, 1923.
Insect exterminator, Powder for. H. M. Ensley. 167,285; Apr. 24.
Insect powder. A. Dabrasky. 172,676; Sept. 11; Serial No. 166,769; published May 8, 1923.
Insect powders or insecticides. Nasser and Coleman Company. 172,724; Sept. 11; Serial No. 174,744; published May 22, 1923.
Insect repellent. F. G. Shaw. 173,899; Oct. 2; Serial No. 176,505; published July 10, 1923.
Insecticide. W. C. Adams. 169,018; May 29.
Insecticide. American Insecticide Co. 174,320; Oct. 16; Serial No. 177,758; published July 10, 1923.
Insecticide. Boll Weevil Chemical Company. 164,353; Feb. 20.
Insecticide. D. V. Burrell. 174,019; Oct. 2; Serial No. 175,297; published July 3, 1923.
Insecticide. B. G. Casbarian. 165,556; Mar. 13; Serial No. 155,739; published Dec. 12, 1922.
Insecticide. Farbenfabriken vorm. Friedr. Bayer & Co. 164,108; Feb. 13.
Insecticide. J. L. Hopkins & Co. 171,890; Aug. 14; Serial No. 172,381; published May 1, 1923.
Insecticide. Kil-Tone Company. 173,099; Sept. 18; Serial No. 177,130; published June 12, 1923.
Insecticide. Merck & Co. 168,836; May 29; Serial No. 170,590; published Feb. 13, 1923.
Insecticide. T. Meyer. 169,894–5; July 3; Serial Nos. 171,736–7; published Mar. 20, 1923.
Insecticide. C. Peterson. 169,683; June 26; Serial No. 172,761; published Mar. 20, 1923.
Insecticide. Solomia (1922), Limited. 172,225; Aug. 28; Serial No. 174,343; published May 15, 1923.
Insecticide. Southern Specialty Company. 174,397–8; Oct. 16; Serial Nos. 178,292–3; published July 10,
Insecticide. Southern Specialty Company. 175,380; Nov. 6; Serial No. 180,902; published Aug. 14, 1923.
Insecticide. Toledo Rex Spray Company. 164,491; Feb. 20.
Insecticide. Vermi-Fox Products Co. 167,866; May 8; Serial No. 169,104; published Feb. 20, 1923.
Insecticide. Walnut Growers Spray Manufacturing Company. 165,511; Mar. 13; Serial No. 164,742; published Nov. 28, 1922.
Insecticide. Walnut Growers Spray Manufacturing Company. 172,751; Sept. 11; Serial No. 165,435; published May 22, 1923.
Insecticide. Walnut Growers Spray Manufacturing Company. 177,704; Dec. 25; Serial No. 165,434; published Oct. 9, 1923.
Insecticide. West Disinfecting Company. 166,269; Mar. 27; Serial No. 166,865; published Dec. 5, 1922.
Insecticide. Williams, Martin & Gray, Inc. 175,634; Nov. 6; Serial No. 179,909; published Aug. 21, 1923.
Insecticide and deodorant. W. T. Johns. 173,807; Oct. 2; Serial No. 174,902; published July 10, 1923. 1923.
Insecticide and disinfecting deodorant. T. Meyer. 169,861; July 3; Serial No. 171,738; published Mar. 20, 1923.
Insecticide and fungicide. Kil-Tone Company. 176,379; Nov. 27; Serial No. 177,561; published Aug. 7, 1923.
Insecticide and germicide. Can-Ho-Lab. Chemical Co. 171,091; July 31; Serial No. 173,401; published Apr. 24, 1923.
Insecticide and mothproofing composition. Process Chemicals Incorporated. 170,656; July 17; Serial No. 168,489; publishd Apr. 17, 1923.
Insecticide, antiseptic, and germicide. Parke, Davis & Company. 175,650; Nov. 6; Serial No. 181,306; published Aug. 21, 1923.
Insecticide, deodorant, and disinfectant. W. D. Wiegand. 172,441; Aug. 28; Serial No. 171,395; published May 15, 1923.
Insecticide for fowls. S. S. Powell. 172,949; Sept. 11; Serial No. 174,409; published June 5, 1923.
Insecticide for killing fleas. B. Heller & Company. 177,809; Dec. 25.
Insecticide for killing moths and carpet beetles. B. Heller & Company. 174,010; Oct. 2; Serial No. 174,301; published July 17, 1923.
Insecticide for roaches, etc. C. L. Jones. 172,963; Sept. 11; Serial No. 175,084; published June 5, 1923.
Insecticide for use in exterminating rodents and insects. G. W. Roller. 170,752; July 24; Serial No. 173,364; published Apr. 24, 1923.
Insecticide for use in exterminating rodents, etc. J. J. Seldage. 170,753; July 24; Serial No. 173,366; published Apr. 24, 1923.
Insecticide, Liquid. White Tar Company. 176,303; Nov. 20: Serial No. 179,287; published July 31, 1923.
Insecticide ointment and shampoo. Dr. Becker Medicine Co. 172,665; Sept. 11; Serial No. 174,382; published May 8, 1923.
Insecticide powder. C. A. Garris. 163,071; Jan. 2.
Insecticide powders. N. M. Hagler. 177,666; Dec. 25; Serial No. 181,394; published Oct. 9, 1923.
Insecticide spray and a general antiseptic and healing preparation. W. H Milleman. 164,327; Feb. 20.
Insecticides. Bowker Insecticide Co. 167,421; May 1; Serial No. 169,749; published Jan. 9, 1923.
Insecticides. Carbo-Sul Corporation. 172,226; Aug. 28; Serial No. 174,609; published May 15, 1923.
Insecticides. E. R. Chesney. 167,466; May 1; Serial No. 167,118; published Jan. 23, 1923.
Insecticides. Commercial Chemical Company. 175,480; Nov. 6; Serial No. 179,460; published Aug. 21, 1923.
Insecticides. Hightstown Hardware Company. 167,635; May 1; Serial No. 166,596; published Jan. 2, 1923.
Insecticides. Hofstra Manufacturing Company. 170,980; July 24.
Insecticides. I. Hollander. 174,402; Oct. 16; Serial No. 178,388; published July 17, 1923.
Insecticides. D. Klebanoff. 176,302; Nov. 20; Serial No. 179,375; published Sept. 11, 1923.
Insecticides. S. C. Slattery. 169,912; July 3; Serial No. 170,408; published Mar. 6, 1923.
Insecticides. Smith Mfg. Co. 167,592; May 1; Serial No. 169,786; published Jan. 9, 1923.
Insecticides. West Disinfecting Company. 167,736; May 8; Serial No. 168,698; published Jan. 2, 1923.
Insecticides. Wilhelm Oil Company. 176,370; Nov. 20.
Insecticides. D. Wood. 168,061; May 15; Serial No. 170,917; published Feb. 20, 1923.

Classified list of trade-marks registered—Continued.

Insecticides, bactericides, fungicides, etc., for plants. Bobwhite Chemical Corporation. 169,791–2; July 3; Serial Nos. 168,953–4; published Mar. 27, 1923.
Insecticides, deodorants, etc. Standard Chemical Works. 167,356; May 1; Serial No. 144,104; published Sept. 20, 1921.
Insecticides, disinfectants, and deodorizers. Kilzol Products Company. 170,818; July 24; Serial No. 171,274; published Apr. 24, 1923.
Insecticides, fungicides, and disinfectants. Eastbay Chemical Company. 163,060; Jan. 2.
Intestinal lubricant and exerciser. B. J. Dryfuss. 163,056; Jan. 2.
Intestinal regulator. J. Osman. 173,442; Sept. 25; Serial No. 174,407; published June 26, 1923.
Intravenous solutions, iron, arsenic, and phosphorus, digitalis, etc. D. Loeser. 166,981; Apr. 17.
Iodine preparation, Liquid. H. J. Novack. 174,075; Oct. 2; Serial No. 178,626; published July 10, 1923.
Iron and manganese solution for anæmia, etc. E. Galbrun. 175,534; Nov. 6; Serial No. 180,854; published Aug. 28, 1923.
Iron derivatives of albumen. C. F. Boehringer & Soehne. 24,228; renewed Feb. 13, 1924.
Iron solution for intravenous and intramuscular use. Butler Laboratories, Inc. 167,500; May 1; Serial No. 166,521; published Jan. 2, 1923.
Lamps, Colors for frosting. Chemical Novelty Co. 172,533; Sept. 4; Serial No. 174,071; published June 5, 1923.
Laundry blue. Reckitts (U. S. A.) Ltd. 165,996; Mar. 27; Serial No. 167,487; published Dec. 12, 1922.
Laundry blue. Stanard Ultramarine Co. 174,033; Oct. 2; Serial No. 176,699; published June 19, 1923.
Laxative. Agrilin Chemical Company. 176,323; Nov. 20; Serial No. 181,970; published Sept. 11, 1923.
Laxative. Battle Creek Food Company. 172,885; Sept. 11; Serial No. 175,839; published May 15, 1923.
Laxative. W. G. Huffman, jr. 175,497; Nov. 6; Serial No. 177,741; published Aug. 14, 1923.
Laxative. W. H. Miller. 164,328; Feb. 20.
Laxative. H. C. Van Buskirk. 167,489; May 1; Serial No. 154,246; published June 27, 1922.
Laxative. Zagat Inc. 172,966; Sept. 11; Serial No. 175,047; published June 5, 1923.
Laxative and tonic, Herb. A. P. Stanton Medical Co. 167,628; May 1; Serial No. 166,859; published Jan. 2, 1923.
Laxative, Antiseptic. Partola Distributing Company. 165,673; Mar. 20; Serial No. 166,569; published Jan. 2, 1923.
Laxative, Antiseptic. Partola Distributing Company. 168,322; May 22; Serial No. 167,532; published Feb. 20, 1923.
Laxative crackers. Vegatol Products Company. 172,653; Sept. 11; Serial No. 137,751; published Jan. 30, 1923.
Laxative for colds, headaches, etc. Pal Medicine Co. 172,185; Aug. 21.
Laxative for regulating the bowels. G. S. Lechner. 164,147; Feb. 13.
Laxative medicine. Kentucky Fruit Laxative Co. 169,571; June 19.
Laxative, ointments, red-clover extracts, Candy. E. J. Needham. 167,914; May 8; Serial No. 169,178; published Jan. 30, 1923.
Laxative or mild purgative pill preparation. W. Harrison. 169,776; July 3; Serial No. 168,865; published Mar. 6, 1923.
Laxative powders. A. W. Knox. 169,942; July 3.
Laxative preparation, Fruit. N. Irvine. 163,587; Jan. 23.
Laxative preparation, Prune. J. T. Murray. 169,641; June 26; Serial No. 170,945; published Mar. 20, 1923.
Laxative preparations. J. F. Hrejsa. 174,326; Oct. 16; Serial No. 177,972; published July 17, 1923.
Laxative sirup and tablets, gall salve, toilet cream, etc. E. C. DeWitt & Co. 163,307; Jan. 9.
Laxative tablets. Plax Company. 163,153; Jan. 2.
Laxative wafer. CaPhenin Chemical Company. 172,703; Sept. 11; Serial No. 175,768; published May 29, 1923.
Laxatives. W. L. Hirsch. 165,429; Mar. 13. Serial No. 165,910½; published Dec. 12, 1922.
Laxatives. S. Kaidasz. 174,872; Oct. 23; Serial No. 180,224; published July 31, 1923.
Laxatives. Lungardia Company. 172,877; Sept. 11; Serial No. 175,936; published May 29, 1923.
Laxatives. Marmola Company. 169,585; June 26; Serial No. 155,357; published July 18, 1922.
Laxatives. H. R. Mason. 165,474; Mar. 13. Serial No. 168,117; published Dec. 12, 1922.
Laxatives. Henry K. Wampole and Company Incorporated. 167,735; May 8; Serial No. 168,659; published Jan. 2, 1923.
Laxatives and cathartics. Parke, Davis & Company. 168,830; May 29; Serial No. 170,503; published Feb. 13, 1923.
Leather, Chemically-prepared compound for treating. American Shoe Machinery Company. 164,477; Feb. 20.
Leather from hides and skins, Treating and tanning agent in the manufacture of. Robeson Process Company. 165,839; Mar. 20; Serial No. 169,684; published Jan. 2, 1923.
Liniment. C. E. Claflin. 169,612; June 26; Serial No. 172,515; published Feb. 27, 1923.
Liniment. I. Connolly. 169,901; July 3; Serial No. 171,485; published Mar. 13, 1923.
Liniment. C. Cramer. 163,044; Jan. 2.
Liniment. A. C. Day. 164,097; Feb. 13.
Liniment. E. H. Gould. 169,096; June 5.
Liniment. J. G. Harris 169,903; July 3; Serial No. 171,358; published Mar. 6, 1923.
Liniment. R. B. Hebert and Son. 177,088; Dec. 11; Serial No. 173,493; published Sept. 18, 1923.
Liniment. N. Schlosinger. 167,629; May 1; Serial No. 166,855; published Jan. 2, 1923.
Liniment. M. W. Shefftel. 174,354; Oct. 16; Serial No. 177,111; published July 10, 1923.
Liniment. R. H. Wagner. 23,562; renewed Aug. 29, 1923.
Liniment. W. A. Whitmore. 169,114; June 5.
Liniment and antiseptic for external application for rheumatism, etc. S. A. Latham. 167,937; May 8; Serial No. 172,602; published Feb. 20, 1923.
Liniment and balm, face powder, vanishing, cleansing, and bleaching creams, etc., Mustard. H. A. Sherman. 163,932; Feb. 6.
Liniments and croup tinctures. J. W. Garney & Son. 23,703; renewed Oct. 10, 1923.
Liniment and hair grower. D. D. Pugsley. 176,345; Nov. 20.
Liniment and herb tablets. Bielek Manufacturing Company. 165,776; Mar. 20; Serial No. 158,751; published Jan. 2, 1923.
Liniment, cough sirup, liver pellets, corn relief, etc. C. W. Horn. 163,342; Jan. 9.
Liniment for bronchial colds and congested condition of the lungs, lumbago, etc. T. Montcalm. 168,393; May 22; Serial No. 171,813; published Feb. 20, 1923.
Liniment for burns, cuts, bruises, etc., Antiseptic. C. M. Shipman. 167,809; May 8; Serial No. 166,265; published Feb. 13, 1923.
Liniment for external application and herb tablets. Bielek Manufacturing Company. 165,777; Mar. 20; Serial No. 158,749; published Jan. 2, 1923.
Liniment for external use for rheumatism, sore throat, etc. Goodrich Drug Company. 167,228; Apr. 24; Serial No. 169,633; published Feb. 13, 1923.
Liniment for headaches, colds, etc. A. J. Krank Mfg. Co. 164,184; Feb. 13.
Liniment for relief of aches, pains, cuts, etc. O. M. Norcross. 168,049; May 15; Serial No. 169,603; published Feb. 20, 1923.
Liniment for rheumatism, influenza, coughs, etc. J. Van Goodwin. 167,834; May 8; Serial No. 169,634; published Feb. 20, 1923.
Liniment for rheumatism, lumbago, gout, and colds. C. L. Scheele. 167,640; May 1; Serial No. 167,946; published Jan. 2, 1923.
Liniment for sprains, etc., pepsin lactated compound for indigestion, etc., Chlor-methyl. W. H. Rorer. 167,403; May 1; Serial No. 165,639; published Jan. 30, 1923.
Liniment for stiffness, pains, old sores, etc. J. W. Johnson. 164,167; Feb. 13.
Liniment for the treatment of rheumatism, colds, etc., Liquid. N. Stahlbehl. 165,847; Mar. 20; Serial No. 168,382; published Jan. 2, 1923.
Liniment for the treatment of stiff and sore muscles, rheumatism, etc. Capitol Sales Company. 177,029; Dec. 11; Serial No. 163,500; published Feb. 20, 1923.
Liniments. C. A. Burke. 169,587; June 26; Serial No. 158,074; published Mar. 6, 1923.
Liniments. Edgar Chemical Company. 172,375; Aug. 28; Serial No. 157,417; published May 1, 1923.
Liniments. W. A. McGuire. 173,264; Sept. 18; Serial No. 175,365; published June 19, 1923.
Liniments. Dr. Earl S. Sloan Incorporated. 167,295; Apr. 24.
Liniments and pills. J. F. Kobylanski. 175,501; Nov. 6; Serial No. 176,838; published Aug. 14, 1923.
Lip paste and pencils. F. N. Lewis. 172,658; Sept. 11; Serial No. 174,842; published June 5, 1923.
Lip paste and pencils. F. N. Lewis. 172,731; Sept. 11; Serial No. 174,470; published May 22, 1923.
Lip sticks, eye brow and lash dressing, creams, etc. Delica Laboratories Co. 176,991; Dec. 11; Serial No. 179,461; published Sept. 11, 1923.
Lip sticks, face powders, rouge, etc. Rieser Company. 172,378; Aug. 28; Serial No. 155,449; published Feb. 21, 1922.
Liquid and ointment preparations for promoting the growth of the hair, shampoo, etc. A. M. Malone. 169,751; July 3; Serial No. 171,464; published Mar. 27, 1923.
Liquid antiseptic used as a remedy for sore throat, tonsillitis, etc. La Salle Company. 165,522; Mar. 13; Serial No. 164,058; published Nov. 7, 1922.
Liquid battery charge. J. K. Jester. 172,570; Sept. 11; Serial No. 170,434; published May 22, 1923.
Liquid face and toilet powder. H. Rigaud. 164,469; Feb. 20.
Liquid for cleansing and beautifying the skin and improving the complexion. Jouvence Company. 176,319; Nov. 20; Serial No. 179,045; published July 31, 1923.
Liquid for exterminating vermin. S. S. Schoen. 174,808; Oct. 23; Serial No. 180,623; published Aug. 7, 1923.

Classified list of trade-marks registered—Continued.

Liquid medicaments and ointments for antiseptic uses etc. Chloro Chemical Corporation. 174,073; Oct. 2; Serial No. 178,592; published July 10, 1923.
Liquid preparation for hair dressing, etc. J. Auty. 164,480; Feb. 20.
Liquid preparation for treatment of asthma. K. Karas. 169,978; July 10; Serial No. 166,836; published Apr. 10, 1923.
Liquid-preparation remedy or tonic for nervous diseases. Organic Preparations Co. 175,574; Nov. 6; Serial No. 181,040; published Aug. 21, 1923.
Liquid preparation used as a fire preventer and extinguisher, etc. J. Gerardi. 165,623; Mar. 13; Serial No. 167,464; published Dec. 12, 1922.
Liquids and ointments. R. H. Wojciechowski. 176,310; Nov. 20; Serial No. 179,123; published Aug. 14, 1923.
Liquors, Aging and softening chemical powder for. F. D. Burhop. 170,251; July 10; Serial No. 171,196; published Apr. 3, 1923.
Liver regulator and tonic. D. J. Gunter. 175,499; Nov. 6; Serial No. 177,297; published Aug. 14, 1923.
Logwood extract. Yorkshire Dyeware & Chemical Company. 172,530; Sept. 4; Serial No. 173,064; published May 15, 1923.
Lotion, Antiseptic. E. C. Cowman. 172,487; Aug. 28.
Lotion, Antiseptic, astringent, and deodorizing. Calcium Products, Incorporated. 174,022; Oct. 2; Serial No. 176,322; published June 19, 1923.
Lotion applied to the face after shaving, tooth paste, face powder, etc. Allmans Co. 172,690; Sept. 11; Serial No. 155,471; published May 29, 1923.
Lotion, beauty balm, and face cream, Face. L. Bambini. 166,143; Mar. 27; Serial No. 157,253; published Nov. 28, 1922.
Lotion, External. Thompson-Barlow Company. 175,638; Nov. 6; Serial No. 179,752; published Aug. 21, 1923.
Lotion, Face. A. J. Krank Mfg. Co. 167,364; May 1; Serial No. 170,022; published Jan. 23, 1923.
Lotion, Face. J. W. Mayo. 169,907; July 3; Serial No. 170,722; published Mar. 6, 1923.
Lotion, Face. D. Pepple and Co. 172,725; Sept. 11; Serial No. 174,669; published May 15, 1923.
Lotion, Face. E. W. Watkins. 163,202; Jan. 2.
Lotion, Face and hand. Remiller Co. 174,065; Oct. 2; Serial No. 178,472; published July 10, 1923.
Lotion for chapped hands. D. & N. Drug Co. 167,409; May 1; Serial No. 168,356; published Jan. 9, 1923.
Lotion for deodorizing offensive and excessive perspiration, Toilet. H. B. Dismond. 168,380; May 22; Serial No. 169,437; published Feb. 20, 1923.
Lotion for external application. Abraham & Straus, Inc. 170,009; July 10; Serial No. 172,813; published Apr. 3, 1923.
Lotion for the external treatment of skin diseases, sores, eruptions, and festers. F. & B. Co. 163,062; Jan. 2.
Lotion for the skin. W. P. Hayhurst. 174,938; Oct. 30; Serial No. 175,311; published July 24, 1923.
Lotion for the skin. F. H. Shoemaker. 174,935; Oct. 30; Serial No. 173,445; published July 24, 1923.
Lotion for the treatment of cuts, burns, boils, etc., Antiseptic. W. A. Giddings. 165,488; Mar. 13; Serial No. 166,228; published Jan. 2, 1923.
Lotion for the treatment of eczema, pimples, itch, etc. Cuir Chemical Company. 168,001; May 8.
Lotion for use after shaving, Antiseptic and cooling. E. F. Koss. 167,871; May 8; Serial No. 168,535; published Feb. 6, 1923.
Lotion, Hand. Anuzis and Yuknis. 163,010; Jan. 2.
Lotion, Hand. King & Stallkamp. 164,152; Feb. 13.
Lotion, Hand. H. Rigaud. 164,468. Feb. 20.
Lotion, Nasal. A. Webber. 167,838; May 8; Serial No. 169,611; published Feb. 13, 1923.
Lotion, Rubbing. Gimbel Brothers, New York. 164,436; Feb. 20.
Lotion, Skin. H. J. Handley. 175,581; Nov. 6; Serial No. 181,276; published Aug. 21, 1923.
Lotion, Skin. W. Horstmann. 169,110; June 5.
Lotion, Skin. Key Chemical Co. 165,677; Mar. 20; Serial No. 166,378; published Nov. 7, 1922.
Lotion, Skin. F. N. Lewis. 169,090; June 5.
Lotion, Skin. E. L. Patch Company. 163,148; Jan. 2.
Lotion, Skin. E. L. Patch Company. 172,664; Sept. 11; Serial No. 174,482; published May 29, 1923.
Lotion, toilet water, talcum powder, perfume, rouge, etc., Hand. C. J. Wallace. 168,207; May 15; Serial No. 158,203; published Feb. 13, 1923.
Lotions and creams, Skin. Jean Jordeau Inc. 169,775; July 3; Serial No. 168,893; published Mar. 6, 1923.
Lotions and medicinal preparations for inflamed mucous membranes, Skin. A. B. Mann. 176,170; Nov. 20; Serial No. 177,499; published Aug. 7, 1923.
Lotions and other pharmaceutical preparations. M. A. London. 177,420; Dec. 18; Serial No. 164,441; published Sept. 25, 1923.
Lotions, Face. I. Auld. 170,196; July 10; Serial No. 173,393; published Apr. 3, 1923.
Lotions, face creams, and hair pomades. Cannon Toilet Manufacturing Co. 175,484; Nov. 6; Serial No. 178,330; published Aug. 14, 1923.
Lotions for treatment of skin. F. H. Shoemaker. 172,793; Sept. 11; Serial No. 175,451; published June 5, 1923.
Lotions, Shaving. Lam-Té Mfg. Co. 177,702; Dec. 25; Serial No. 166,142; published Oct. 9, 1923.
Lubricant, Medicated. Livezey Supply Co. 164,159; Feb. 13.
Lubricant or laxative, Liquid intestinal. Henry K. Wampole & Co. 164,172; Feb. 13.
Lye. Pennsylvania Salt Manufacturing Company. 177,222; Dec. 11; Serial No. 176,094; published Sept. 18, 1923.
Lye. Pennsylvania Salt Manufacturing Company. 173,907; Oct. 2; Serial No. 176,095; published July 10, 1923.
Lye. Pennsylvania Salt Manufacturing Company. 173,905–6; Oct. 2; Serial Nos. 176,096–7; published July 10, 1923.
Lye. Wm. Schield Mfg. Co. 168,245; May 15; Serial No. 167,270; published Feb. 13, 1923.
Lye, Flake. Niagara Alkali Company. 170,829; July 24; Serial No. 169,918; published Apr. 24, 1923.
Magnesia, Citrate of. H. E. Frees Co. 169,848; July 3; Serial No. 172,871; published Mar 13, 1923.
Magnesia preparation. Charles H. Phillips Chemical Company. 24,049; renewed Jan. 16, 1924.
Magnesia used for pharmaceutical purposes. Laboratorio Chimico Farmaceutico Moderno Di Granelli Candiani & C. 173,779; Oct. 2; Serial No. 175,794; published June 26, 1923.
Mange liquid and hair tonic. Dr. A. C. Daniels, Inc. 165,428; Mar. 13; Serial No. 165,918; published Nov. 7, 1922.
Manicure preparation. G. E. Kobolt. 170,033; July 10; Serial No. 173,711; published Apr. 10, 1923.
Massage for the face and body. L. Philippe. 170,385; July 17; Serial No. 170,542; published Apr. 10, 1923.
Massage preparations or tonics for the head and scalp. Van Ess Laboratories, Inc. 174,214; Oct. 9; Serial No. 166,487; published May 29, 1923.
Meat-curing chemical preparation. B. Heller & Company. 175,430; Nov. 6; Serial No. 171,755; published Aug. 28, 1923.
Meat preservative, flavoring, and coloring compound in liquid form. E. L. Karnes. 167,930; May 8; Serial No. 171,369; published Feb. 13, 1923.
Meats, Preparation for curing and preserving. Newberry-Ramsey Ready Mixed Sugar Cure Co. 165,810; Mar. 20; Serial No. 167,359; published Jan. 2, 1923.
Medical and disinfecting compounds and apparatus, Certain. Vapo-Cresolene Company. 23,441; renewed Aug. 1, 1923.
Medical compound, Cathartic. Illinois Medicine Co. 172,391; Aug. 28; Serial No. 168,313; published May 1, 1923.
Medical compound for diseases of the stomach. Charles F. Dare & Son, Inc. 169,779; July 3; Serial No. 172,265; published Mar. 27, 1923.
Medical compound for treating corns. G. A. Breon. 177,054; Dec. 11; Serial No. 180,167; published Sept. 11, 1923.
Medical compound for treating syphilis. E. S. Jones. 164,171; Feb. 13.
Medical compounds. H. F. Callow. 175,905; Nov. 13; Serial No. 178,426; published Aug. 21, 1923.
Medical compounds. F. L. McCollam. 170,735; July 24; Serial No. 172,426; published Apr. 24, 1923.
Medical compounds for the treatment of intestinal indigestion, constipation, etc. L. C. Kidd. 166,079; Mar. 27; Serial No. 158,984; published Oct. 10, 1922.
Medical compounds for the treatment of rheumatism. Kattulas and Sotos. 176,378; Nov. 27; Serial No. 177,674; published Aug. 28, 1923.
Medical preparation. Bi-Oxo-Dyn Co. 168,047; May 15; Serial No. 169,346; published Feb. 20, 1923.
Medical preparation. D. D. Kirby. 163,103; Jan. 2.
Medical preparation. Eli Lilly & Company. 174,383; Oct. 16; Serial No. 159,212; published July 17, 1923.
Medical preparation for diabetes. H. R. Harrower. 167,004; Apr. 17.
Medical preparation for the treatment of high blood pressure. J. V. McFarland. 168,448; May 22; Serial No. 170,494; published Feb. 20, 1923.
Medical preparation for treatment of asthma. W. M. Roberts. 167,746; May 8; Serial No. 169,562; published Jan. 9, 1923.
Medical product. E. H. Dunn. 174,820; Oct. 23; Serial No. 172,086; published Aug. 7, 1923.
Medical tablet as a general tonic. Thompson-Barlow Company. 164,330; Feb. 20.
Medicated bath preparation. N. S. Zucker. 172,235; Aug. 28; Serial No. 174,984; published May 15, 1923.
Medicated cream for the treatment of wrinkles, acne, etc. Opazel Laboratories, Inc. 167,604; May 1; Serial No. 164,942; published Dec. 26, 1922.
Medicated emulsion for all skin diseases and injuries. B. A. Talbot. 165,495; Mar. 13; Serial No. 166,114; published Nov. 7, 1922.
Medicated food for convalescents and invalids. Vita Food Company. 166,925; Apr. 17; Serial No. 137,549; published Dec. 12, 1922.
Medicated mineral, Natural. Mineral-Tone Company. 168,837; May 29; Serial No. 170,660; published Feb. 13, 1923.
Medicated preparation for liver ailments. Scott and Turner, Limited. 174,944; Oct. 30; Serial No. 178,874; published July 24, 1923.

Classified list of trade-marks registered—Continued.

Medicated shields or pads for corns, calluses, and bunions, Adhesive. Scholl Manufacturing Company. 167,379; May 1; Serial No. 167,739; published Dec. 26, 1922.
Medicated tablets for headaches, etc. T. J. Mueller. 172,542; Sept. 4; Serial No. 173,850; published May 15, 1923.
Medicated wax for treatment of pyorrhea. Drs. Brown and Brown. 176,021; Nov. 13; Serial No. 177,269; published July 31, 1923.
Medicinal agents. Firm of E. Merck. 24,094; renewed Jan. 23, 1924.
Medicinal agents for nervous diseases and a febrifuge. Firm of E. Merck. 23,534; renewed Aug. 22, 1923.
Medicinal agents for treatment of bodily pains. Eddine Manufacturing Co. 172,954; Sept. 11; Serial No. 175,548; published June 5, 1923.
Medicinal and chemical products for treating neuralgic and convulsive affections. C. A. F. Kahlbaum Chemische Fabrik Gesellschaft mit beschränkter Haftung. 172,739; Sept. 11; Serial No. 168,973; published Apr. 24, 1923.
Medicinal and laxative tablets. Tanner & Poindexter. 174,004; Oct. 2; Serial No. 175,276; published July 17, 1923.
Medicinal and pharmaceutical preparations. M. Sisman. 163,170; Jan. 2.
Medicinal and pharmaceutical products for treating gouty, rheumatic, etc., affections. C. A. F. Kahlbaum Chemische Fabrik Gesellschaft mit beschränkter Haftung. 172,740; Sept. 11; Serial No. 168,972; published Apr. 24, 1923.
Medicinal belt for treatment of kidneys. Randell & Co. 176,312; Nov. 20; Serial No. 179,112; published Sept. 4, 1923.
Medicinal bitters. W. T. Shafe. 163,168; Jan. 2.
Medicinal bitters and general tonics. Felice Bisleri & C. 177,130; Dec. 11; Serial No. 140,825; published Sept. 18, 1923.
Medicinal bitters for stomach troubles. P. Maggini. 163,237; Jan. 2.
Medicinal composition for neurasthenic disorders. Lecithin Company. 173,048; Sept. 11; Serial No. 176,839; published June 12, 1923.
Medicinal compound. Jath's Camphorub Company. 177,292; Dec. 18; Serial No. 179,044; published Oct. 16, 1923.
Medicinal compound. E. Van Toff. 164,447; Feb. 20.
Medicinal compound and salve. Blackburn Products Co. 172,393; Aug. 28; Serial No. 167,595; published May 1, 1923.
Medicinal compound containing acetylsalicylic acid. H. C. Fleming. 174,943; Oct. 30; Serial No. 178,834; published July 24, 1923.
Medicinal compound for promoting calcification. J. H. Holm. 170,402; July 17; Serial No. 171,539; published Apr. 10, 1923.
Medicinal compound for the treatment of catarrhal diseases of the head. Cream Balm Company. 172,568; Sept. 11; Serial No. 170,626; published May 22, 1923.
Medicinal compound for the treatment of paralysis, rheumatism, etc. W. W. Barnett. 164,295; Feb. 20.
Medicinal compound for the treatment of piles. A. H. Curley. 165,612; Mar. 13; Serial No. 167,163; published Dec. 12, 1922.
Medicinal compound for treating the scalp. R. J. Halseth. 168,011; May 8.
Medicinal compound used for the treatment of rheumatism, neuralgia, sciatica, etc., Liquid. National Radium Co. 177,166; Dec. 11; Serial No. 181,766; published Sept. 18, 1923.
Medicinal compounds. George D. Hoover Manufacturing Phamacist, Inc. 171,949; Aug. 14.
Medicinal herb preparation. Wing Lee Wai Company, 172,451; Aug. 28; Serial No. 172,364; published May 15, 1923.
Medicinal herb preparation. Wing Lee Wai Company. 172,454–5; Aug. 28; Serial Nos. 172,569–70; published May 15, 1923.
Medicinal herb preparation used as a general tonic. Wing Lee Wai Company. 169,852; July 3; Serial No. 172,304; published Mar. 6, 1923.
Medicinal iron preparation. A/S Ferrosan. 169,686; June 26; Serial No. 166,430; published Mar. 27, 1923.
Medicinal liquid for lungs and kidney, etc. J. Vajda. 176,281; Nov. 20; Serial No. 178,886; published Aug. 14, 1923.
Medicinal liquid for relief of throat irritations, colds, etc. G. Bailhe. 167,374; May 1; Serial No. 167,970; published Dec. 26, 1922.
Medicinal oil. N. Jakobs. 173,325; Sept. 25; Serial No. 171,998; published June 26, 1923.
Medicinal ointment. Eli Lilly & Company. 173,653; Oct. 2; Serial No. 176,559; published June 19, 1923.
Medicinal powder, Suppurative. Sharp & Dohme. 170,247; July 10; Serial No. 171,596; published Apr. 3, 1923.
Medicinal powders for internal use. J. S. Tyree. 167,819; May 8; Serial No. 161,460; published Feb. 13, 1923.
Medicinal preparation. Armour and Company. 173,987; Oct. 2; Serial No. 178,702; published July 17, 1923.
Medicinal preparation. Balsamea Co. 170,724; July 24; Serial No. 172,661; published Apr. 24, 1923.
Medicinal preparation. Bristol-Myers Company. 167,912; May 8; Serial No. 169,154; published Jan. 9, 1923.
Medicinal preparation. G. W. Carnrick Co. 175,486; Nov. 6; Serial No. 178,089; published Aug. 28, 1923.
Medicinal preparation. Euclid Medical Company. 165,571; Mar. 13; Serial No. 161,307; published Nov. 28, 1922.
Medicinal preparation. Fluenzol Proprietary, Ltd. 176,154; Nov. 20; Serial No. 169,897; published Aug. 28, 1923.
Medicinal preparation. Granger Mineral Co. 173,270; Sept. 18; Serial No. 175,014; published June 19, 1923.
Medicinal preparation. V. Halper. 177,834; Dec. 25.
Medicinal preparation. R. H. Hunstock Chemical Co. 164,475; Feb. 20.
Medicinal preparation. Kon-Stip-E-O Tablet Co. 163,104; Jan. 2.
Medicinal preparation. Eli Lilly & Company. 171,971; Aug. 21; Serial No. 166,382; published May 15, 1923.
Medicinal preparation. Eli Lilly & Company. 174,144; Oct. 2.
Medicinal preparation. W. H. Peters. 175,625; Nov. 6; Serial No. 180,722; published Aug. 14, 1923.
Medicinal preparation. Schering & Glatz, Inc. 169,629; June 26; Serial No. 174,033; published Feb. 27, 1923.
Medicinal preparation. D. Singh. 176,905; Dec. 4.
Medicinal preparation. Standard Crayon Manufacturing Company. 173,824; Oct. 2; Serial No. 175,627; published June 26, 1923.
Medicinal preparation. Vineyardi Co. 165,806; Mar. 20; Serial No. 172,245; published Dec. 26, 1922.
Medicinal preparation. W. H. Wilson. 172,982; Sept. 11; Serial No. 174,116; published June 12, 1923.
Medicinal preparation acting as a system cleaner and regulator. A. W. Campbell. 169,834; July 3; Serial No. 173,030; published Mar. 6, 1923.
Medicinal preparation for an aid to nature in lung affections, coughs, etc. American Chemical & Drug Co. 170,431; July 17; Serial No. 171,889; published Apr. 10, 1923.
Medicinal preparation for asthma, etc. E. Bilhuber, Inc. 170,032; July 10; Serial No. 173,695; published Apr. 10, 1923.
Medicinal preparation for colds, cuts, etc. Unruh H. P. Co. 176,194; Nov. 20; Serial No. 155,940; published July 10, 1923.
Medicinal preparation for colds, grippe, and catarrh. J. G. Blakeney. 163,024; Jan. 2.
Medicinal preparation for coughs, colds, bronchitis, etc. A. J. Brissette. 167,623; May 1; Serial No. 167,707; published Dec. 26, 1922.
Medicinal preparation for external treatment of rheumatism, neuritis, etc. J. M. Pottgieser. 175,100; Oct. 30; Serial No. 179,740; published Aug. 7, 1923.
Medicinal preparation for hay fever, rose and catarrhal colds. H. F. Chemical Company. 167,554; May 1; Serial No. 165,590; published Dec. 26, 1922.
Medicinal preparation for indigestion, dyspepsia, etc. Brunelle Drug Co. 175,576; Nov. 6; Serial No. 181,057; published Aug. 21, 1923.
Medicinal preparation for internal and external use, Oily. W. E. Pearson. 23,662–3; renewed Sept. 26, 1923.
Medicinal preparation for intestinal disorders. International Consolidated Chemical Corporation. 174,803; Oct. 23; Serial No. 180,702; published Aug. 7, 1923.
Medicinal preparation for liver diseases. J. H. Zeilin & Co. 24,258; renewed Feb. 20, 1924.
Medicinal preparation for nervousness, anæmia, etc. L. A White. 167,235; Apr. 24; Serial No. 161,215; published Sept. 19, 1922.
Medicinal preparation for open wounds of animals, Liquid. F. Podowinnikoff. 168,210; May 15; Serial No. 152,479; published Jan. 2, 1923.
Medicinal preparation for pneumonia, etc. P. J. Gillen. 173,893; Oct. 2; Serial No. 177,294; published July 10, 1923.
Medicinal preparation for the treating of croup, colds, and inflammation. S. Pfeiffer Mfg. Co. 170,205; July 10; Serial No. 173,207; published Mar. 27, 1923.
Medicinal preparation for the treatment of colds, hoarseness, lung trouble, etc. F. O. Monville. 164,442; Feb. 20.
Medicinal preparations for the treatment of glandular deficiency. G. W. Carnrick Co. 170,415; July 17; Serial No. 173,127; published Apr. 10, 1923.
Medicinal preparation for the treatment of rheumatism. B. Pérez. 169,592; June 26; Serial No. 147,307; published Mar. 6, 1923.
Medicinal preparation for the treatment of rheumatism and lumbago. C. H. Canode. 164,418; Feb. 20.
Medicinal preparation for the treatment of stomach and bowel troubles, coughs, etc. A. J. Perry and Co. 176,223; Nov. 20; Serial No. 177,242; published Aug. 7, 1923.
Medicinal preparation for the treatment of toothache and pyorrhea. A. A. Schwerin, sr. 169,855; July 3; Serial No. 172 124; published Mar. 6, 1923.
Medicinal preparation for treatment of eczema, tetter, etc. Kohr Mfg. Co. 176,982; Dec. 11; Serial No. 179,732; published Sept. 18, 1923.
Medicinal preparation for use in lung diseases, pneumonia, bronchitis, sore throat, etc. H. R. Pursell. 163,154; Jan. 2.

Classified list of trade-marks registered—Continued.

Medicinal preparation in the nature of a purgative and liver medicine. J. G. Williams. 170,104; July 10; Serial No. 168,626; published Apr. 10, 1923.

Medicinal preparation indicated in chronic inflammation of the mucous membranes. American Radium Appliance Company. 175,102; Oct. 30; Serial No. 179,699; published Aug. 7, 1923.

Medicinal preparation of tonic and laxative properties. Thompson Medical Co. 169,667; June 26; Serial No. 171,046; published Mar. 27, 1923.

Medicinal preparation recommended for use in the treatment of rheumatic, neuritic, and sciatic affections, etc. Capcoss Co. 175,133; Oct. 30; Serial No. 180,583; published Aug. 7, 1923.

Medicinal preparation to relieve pain. Heidbrink Company. 173,704; Oct. 2; Serial No. 176,998; published June 26, 1923.

Medicinal preparation used as a general tonic. J. S. Barclay. 164,161; Feb. 13.

Medicinal preparation used as a physic. E. E. Hethcock. 168,822; May 29; Serial No. 170,191; published Feb. 20, 1923.

Medicinal preparation used as a prophylactic, antiseptic, and germicide. H. Wolcott. 172,893; Sept. 11; Serial No. 175,588; published May 15, 1923.

Medicinal preparation used in the treatment of carbuncles, etc. Nettie-Beall Hinkle. 170,065; July 10; Serial No. 171,844; published Mar. 27, 1923.

Medicinal preparation used in the treatment of eczema. W. H. Gross. 164,450; Feb. 20.

Medicinal preparation used in the treatment of eczema, polypus, piles, etc. P. J. Hawthorne. 165,680; Mar. 20; Serial No. 166,372; published Nov. 7, 1922.

Medicinal preparation used in the treatment of galls, sores, etc., on horses. F. W. Kelley. 177,232; Dec. 11; Serial No. 181,601; published Sept. 18, 1923.

Medicinal preparation used in the treatment of rheumatism, neuralgia, gout, sciatica, etc. G. S. Lechner. 163,107; Jan. 2.

Medicinal preparations. I. J. Epstein. 177,063; Dec. 11; Serial No. 174,729; published Sept. 11, 1923.

Medicinal preparations. J. G. Fambach. 172,735; Sept. 11; Serial No. 169,895; published May 22, 1923.

Medicinal preparations. C. Gibson, M. D. 164,354; Feb. 20.

Medicinal preparations. Independent Drug Company. 177,175; Dec. 11; Serial No. 180,865; published Sept. 11, 1923.

Medicinal preparations. J. S. Tyree. 163,408; Jan. 9.

Medicinal preparations for cramps, diarrhea, and colds. Walker Bros. Co. 169,680; June 26; Serial No. 173,263; published Mar. 27, 1923.

Medicinal preparations for gonorrhea and syphilis. S. Glickson. 175,402; Nov. 6; Serial No. 164,538; published Aug. 28, 1923.

Medicinal preparations for leucorrhea, etc. Peck & Sterba. 175,483; Nov. 6; Serial No. 178,405; published Aug. 28, 1923.

Medicinal preparations for treatment of catarrhal troubles. A. R. Theodosio. 163,187; Jan. 2.

Medicinal preparations, Proprietary. Cumberland Chemical Co. 172,571; Sept. 11; Serial No. 170,429; published Apr. 24, 1923.

Medicinal preparations, Proprietary. Cumberland Chemical Co. 172,586; Sept. 11; Serial No. 170,428; published May 29, 1923.

Medicinal salt for cleaning the hair and scalp, etc. W. D. McPherson. 176,197; Nov. 20; Serial No. 165,703; published Oct. 31, 1922.

Medicinal tablets, face and skin lotions, etc. Kalina Company. 169,771; July 3; Serial No. 169,169; published Mar. 6, 1923.

Medicinal tablets for diseases in fowls. W. M. Carpenter. 177,207; Dec. 11; Serial No. 179,412; published Sept. 18, 1923.

Medicinal tablets for use as a general tonic. G. F. Schmidt. 169,876; July 3; Serial No. 137,033; published Mar. 6, 1923.

Medicinal tonic. Sanitogeno Company. 164,487; Feb. 20.

Medicinal tonic for stomach troubles. S. Spinner. 167,373; May 1; Serial No. 168,008; published Dec. 26, 1923.

Medicinal tonics for the prevention and treatment of chills, etc. H. C. Brown. 173,526; Sept. 4; Serial No. 173,589; published Apr. 17, 1923.

Medicinal tonics, General. W. C. Black. 168,563; May 29; Serial No. 166,632; published Feb. 20, 1923.

Medicinal wafers for bronchial troubles. H. A. Whitney. 175,637; Nov. 6; Serial No. 179,760; published Aug. 21, 1923.

Medicine. Gastone Co. 176,306; Nov. 20; Serial No. 179,266; published Aug. 21, 1923.

Medicine and ingredients of medicine for tuberculosis, etc. E. J. Evans. 170,732; July 24; Serial No. 172,324; published Apr. 24, 1923.

Medicine, Asthma. Asthma-Tol Co. 169,990; July 10; Serial No. 137,598; published Dec. 26, 1922.

Medicine, Blood-purifying. U M A Medicine Company. 165,816; Mar. 20; Serial No. 165,973; published Jan. 2, 1923.

Medicine, Cough. E. F. Hendrickson. 165,617; Mar. 13; Serial No. 167,300; published Dec. 12, 1922.

Medicine for aiding digestion. R. G. Bishop. 167,406; May 1; Serial No. 168,195; published Jan. 9, 1923.

Medicine for application to boils, carbuncles, etc., External. Mrs. M. B. Travis. 167,605; May 1; Serial No. 164,014; published Jan. 23, 1923.

Medicine for bladder troubles. Evergreen Company. 164,169; Feb. 13.

Medicine for blood, rheumatism, lumbago, and the nerves. O. H. Kyle. 168,570; May 29; Serial No. 166,888; published Feb. 20, 1923.

Medicine for coughs, colds, bronchitis, croup, etc. E. H. Baker. 164,614; Feb. 20.

Medicine for diseases of the blood, etc. R. S. Verman. 176,927; Dec. 4.

Medicine for diseases peculiar to females. A. O. Schmidt. 176,178; Nov. 20; Serial No. 178,573; published Aug. 7, 1923.

Medicine for disorders of the digestive tract. Harry E. Spayde and Edward B. Raup. 177,726; Dec. 25; Serial No. 176,923; published Oct. 9, 1923.

Medicine for gallstones and liver trouble. N. E. Blodgett. 164,213; Feb. 13.

Medicine for general debility, nervous prostration, etc. T. Goldblum. 174,845; Oct. 23; Serial No. 177,736; published July 31, 1923.

Medicine for headache and dizziness, etc. G. A. Pavich. 165,472–3; Mar. 13; Serial Nos. 168,139–40; published Jan. 2, 1923.

Medicine for headache, stomach troubles, constipation, etc. J. Megley. 165,789; Mar. 20; Serial No. 164,178; published Jan. 2, 1923.

Medicine for headaches, colds, etc. M. M. Taylor. 163,453; Jan. 9.

Medicine for hypochondriasis, neurosis, epilepsy, etc. G. S. Stoddard & Co. 163,252; Jan. 2.

Medicine for increasing the fluidity of the bile. E. L. Patch Company. 165,466; Mar. 13; Serial No. 168,122; published Dec. 12, 1922.

Medicine for indigestion, vertigo, etc. T. R. Deavy. 170,919; July 24; Serial No. 165,855; published Apr. 24, 1923.

Medicine for internal and external use for the treatment of rheumatism, neuralgia, etc. W. O. Gilpin. 164,094; Feb. 13.

Medicine for kidney disorders. J. F. Hightower. 165,494; Mar. 13; Serial No. 166,182; published Nov. 7, 1922.

Medicine for lung and liver ailments. G. Loebsack. 165,581; Mar. 13; Serial No. 162,827; published Dec. 5, 1922.

Medicine for nervous disorders, epilepsy, and sleeplessness. E. Reilly. 163,156; Jan. 2.

Medicine for poultry. S. O. Barnes & Son. 164,577; Feb. 20.

Medicine for rheumatism. L. Aronovich. 163,013; Jan. 2.

Medicine for rheumatism and backache. L. Kaletzky. 174,400; Oct. 16; Serial No. 178,344; published July 17, 1923.

Medicine for rheumatism, diseases of nerves, etc. G. A. Pavich. 165,845; Mar. 20; Serial No. 168,138; published Jan. 2, 1923.

Medicine for sore throat, influenza, etc. W. V. Pateychuk. 170,414; July 17; Serial No. 173,206; published Apr. 10, 1923.

Medicine for the blood and stomach. I. Paul. 170,082; July 10; Serial No. 167,533; published Apr. 3, 1923.

Medicine for the skin. T. Kusaka. 177,177; Dec. 11; Serial No. 180,981; published Sept. 18, 1923.

Medicine for the treatment of coughs, colds, etc. W. T. Owbridge Limited. 164,435; Feb. 20.

Medicine for the treatment of diphtheria and membranous croup. John T. Stapleton and John Tracy Stapleton. 172,536; Sept. 4; Serial No. 173,905; published May 8, 1923.

Medicine for the treatment of headache, neuralgia, nervousness, la grippe, etc. Matison Company. 164,615; Feb. 20.

Medicine for the treatment of hog cholera. Mrs. N. F. Hoffman. 174,067; Oct. 2; Serial No. 178,504; published July 10, 1923.

Medicine for the treatment of impotence and frigidity. E. R. Weisberg. 173,426; Sept. 25; Serial No. 159,004; published June 26, 1923.

Medicine for the treatment of influenza, etc. E. A. Secoy. 176,282; Nov. 20; Serial No. 178,875; published Aug. 14, 1923.

Medicine for the treatment of ingrowing toenails. L & W Mfg. Company. 174,040; Oct. 2; Serial No. 177,445; published July 10, 1923.

Medicine for the treatment of leucorrhea, ulcerations of the womb, etc. C. L. Hughes. 175,487; Nov. 6; Serial No. 178,041; published Aug. 28, 1923.

Medicine for the treatment of stomach, etc., and an ointment. E. S. Vawter. 168,396; May 22; Serial No. 171,746; published Feb. 20, 1923.

Medicine for the treatment of ulcerative and diseased conditions of the mouth and throat. Clarke Chemical Co. 169,767; July 3; Serial No. 169,283; published Mar. 13, 1923.

Medicine for treating high blood pressure, etc. H. C. Fitzer. 170,253; July 10; Serial No. 171,160; published Mar. 27, 1923.

Medicine for treatment of rheumatism, asthma, etc. M. Ubs. 172,418; Aug. 28.
Medicine for treatment of stomach, digestive organs, and kidneys. Birch Chemical Co. 165,003; Feb. 27.
Medicine for treatment of tuberculosis, chronic coughs, colds, etc. W. C. King. 170,017; July 10; Serial No. 172,477; published Apr. 3, 1923.
Medicine for treatment of tuberculosis of the bone, etc. F. B. Odor. 176,283; Nov. 20; Serial No. 178,864; published Aug. 14, 1923.
Medicine for tuberculosis, etc. S. A. D. Sziber. 177,047; Dec. 11; Serial No. 180,508; published Sept. 18, 1923.
Medicine for tuberculosis, Liquid. J. Margus. 176,238; Nov. 20; Serial No. 164,656; published Aug. 7, 1923.
Medicine for tuberculosis, pneumonia, and pleurisy. T. D. Gomi. 172,529; Sept. 4; Serial No. 173,131; published Apr. 17, 1923.
Medicine for use in treatment of ailments of the liver, stomach, and bowels and as a blood purifier. O. W. Dean Company. 172,233; Aug. 28; Serial No. 174,958; published May 15, 1923.
Medicine for use in treatment of rheumatism, kidney, liver, and stomach trouble, etc. M. Ulbs. 163,190; Jan. 2.
Medicine for venereal diseases. Tarrant Company. 163,184; Jan. 2.
Medicine for whooping cough, bronchitis, tuberculosis, etc. Parke, Davis & Company. 176,953; Dec. 11; Serial No. 181,612; published Sept. 18, 1923.
Medicine for wounds, sores, burns, boils, and eczema. J. Manelich. 164,151; Feb. 13.
Medicine, Gallstone. W. E. McAllister. 169,899; July 3; Serial No. 171,585; published Mar. 13, 1923.
Medicine, Goiter. Allen Remedy Company. 169,586; June 26; Serial No. 158,209; published Mar. 6, 1923.
Medicine, Goiter. A. L. Downs. 165,532; Mar. 13; Serial No. 158,226; published Nov. 7, 1922.
Medicine, Goiter. J. W. Webster. 164,145; Feb. 13.
Medicine, Kidney and bladder. Blackburn Products Co. 167,470; May 1; Serial No. 166,979; published Jan. 23, 1923.
Medicine known as a blood purifier and body builder. W. F. Rett. 174,472; Oct. 16; Serial No. 178,284; published July 17, 1923.
Medicine, Liver, kidney, and stomach. Spinks & McIlwain. 172,592; Sept. 11; Serial No. 168,736; published May 8, 1923.
Medicine, Mange. H. Clay Glover Company. 163,929; Feb. 6.
Medicine—namely, desiccated glands of cattle. Endovita Company. 165,527; Mar. 13; Serial No. 157,919; published Dec. 5, 1922.
Medicine, Nerve-tonic. Macphee & Company. 176,980; Dec. 11; Serial No. 179,806; published Sept. 11, 1923.
Medicine, Poultry. C. J. Martin. 174,423; Oct. 16; Serial No. 170,943; published Aug. 7, 1923.
Medicine, Rheumatism. J. M. Nelson. 177,811; Dec. 25.
Medicine to relieve rheumatism, cancer, and other internal ailments. Slavonian Trading Corporation. 165,543; Mar. 13; Serial No. 160,438; published Nov. 7, 1922.
Medicine used as a calmant and antispasmodic. Societe des Produits Chimiques Speciaux Brevets Lumiere. 169,860; July 3; Serial No. 171,821; published Mar. 20, 1923.
Medicine used for tonic, laxative pills in cases of constipation, biliousness, etc. Organ-Iron Medicine Company. 164,100; Feb. 13.
Medicine used in cases of inflammation, ulceration, and discharges of the urinary tract. Organ-Iron Medicine Company. 176,410; Nov. 27; Serial No. 178,458; published Aug. 7, 1923.
Medicine used in cases of kidney and bladder troubles, etc. Organ-Iron Medicine Company. 174,064; Oct. 2; Serial No. 178,461; published July 10, 1923.
Medicine used in cases of rheumatism, sciatica, etc. Organ-Iron Medicine Company. 174,063; Oct. 2; Serial No. 178,460; published July 10, 1923.
Medicine used in cases of stomach, liver, kidney, and bladder trouble, etc. Organ-Iron Medicine Company. 174,062; Oct. 2; Serial No. 178,459; published July 10, 1923.
Medicine used in the treatment of asthma, bronchitis, etc. P. Raymond. 172,357; Aug. 28; Serial No. 173,532; published May 15, 1923.
Medicine used in the treatment of cancer. W. E. Mitchely. 169,785; July 3; Serial No. 154,229; published Mar. 27, 1923.
Medicine used in the treatment of diphtheria. Smiley Company. 172,224; Aug. 28; Serial No. 174,342; published May 15, 1923.
Medicine used in the treatment of piles and flatulency. D. Pistoia. 173,339; Sept. 25; Serial No. 173,298; published May 1, 1923.
Medicine used in the treatment of rickets, etc. R. W. McRoberts. 175,613; Nov. 6; Serial No. 180,874; published Aug. 14, 1923.
Medicine used in the treatment of skin diseases. Farbenfabriken vorm. Friedr. Bayer & Co. 164,110; Feb. 13.
Medicine used in treatment of rheumatism. Pete Smith & Son. 164,502; Feb. 20.
Medicine, Veterinary. N. F. Tate. 170,149; July 10; Serial No. 168,287; published Mar. 20, 1923.
Medicines. Bielek Manufacturing Company. 164,124; Feb. 13.
Medicines. Tofoli & Paladino. 163,868; Feb. 6.
Medicines and pharmaceutical preparations. M. Kaplan. 177,055; Dec. 11; Serial No. 180,125; published Sept. 18, 1923.
Medicines and toilet preparations. D. Sweet. 168,277; May 15.
Medicines and toilet preparations. D. Sweet. 172,678; Sept. 11; Serial No. 164,776; published May 8, 1923.
Medicines, Certain named. C. E. Brunning. 23,658; renewed Sept. 26, 1923.
Medicines for indigestion, sour stomach, etc., Proprietary. Lottman Medicine Company. 177,199; Dec. 11; Serial No. 179,009; published Sept. 18, 1923.
Medicines for kidney troubles, rheumatism, etc. D. L. Watson. 172,651; Sept. 11; Serial No. 143,466; published May 22, 1923.
Medicines for rheumatism, backache, etc., and insecticides. Duncan Chemical Co. 170,151; July 10; Serial No. 168,518; published Apr. 3, 1923.
Medicines for the treatment of affections of the heart. Laboratoire Nativelle. 163,235; Jan. 2.
Medicines for the treatment of affections of the heart. Laboratoire Nativelle. 170,954; July 24.
Medicines for treatment of dandruff and eczema. R. N. Hymer. 175,626; Nov. 6; Serial No. 180,701; published Aug. 21, 1923.
Medicines, Hypnotic. Henry K. Wampole and Company. 172,728; Sept. 11; Serial No. 174,547; published May 22, 1923.
Medicines, Patent. Mac Lean Drug Company. 177,091; Dec. 11; Serial No. 172,845; published Sept. 18, 1923.
Medicines, Proprietary. Katharmon Chemical Company. 21,996; renewed Nov. 15, 1922.
Medicines used in cases of colds, grippe, influenza, and rheumatism. Organ-Iron Medicine Company. 164,101; Feb. 13.
Medicines, Veterinary and poultry. J. H. Knox. 167,849; May 8; Serial No. 164,505; published Feb. 6, 1923.
Menthol cones, styptic pencils, and lip sticks. W. C. Belmonte. 164,443; Feb. 20.
Mercurox used in the treatment of trachoma. C. E. Hoffman. 168,510; May 22.
Metal-hardening compounds. Park Chemical Company. 163,147; Jan. 2.
Metals, Compound for the desulphurization and deoxidation of molten. W. A. Rosenberger. 170,424; July 17; Serial No. 172,059; published Apr. 10, 1923.
Monoaceticacidester of salicylic acid or acid acetyl salicylic. Charles E. Frosst & Co. 163,498; Jan. 16.
Mordants. Firm of Th. Goldschmidt. 23,707; renewed Oct. 10, 1923.
Mordants for dyeing and printing. Farbenfabriken vorm. Friedr. Bayer & Co. 165,793; Mar. 20; Serial No. 163,782; published Jan. 2, 1923.
Moth preventive. W. R. Griffin. 174,374; Oct. 16; Serial No. 167,720; published July 17, 1923.
Moths and insect preventives. Lawlor-McCormick Co. 164,394; Feb. 20.
Motor saltz. B. R. Caswell. 173,912; Oct. 2; Serial No. 175,298; published July 10, 1923.
Mouth wash. S. Blanc. 172,706; Sept. 11; Serial No. 175,642; published May 29, 1923.
Mouth wash. H. M. Donahue. 170,064; July 10; Serial No. 171,908; published Apr. 3, 1923.
Mouth wash. F. W. Schoonmaker Inc. 168,439; May 22; Serial No. 170,994; published Feb. 20, 1923.
Mouth wash and a remedy for pyorrhea. Hom-Pyrrho Co. 170,744; July 24; Serial No. 174,626; published Apr. 24, 1923.
Mouth wash and gargle, Antiseptic. Parke, Davis & Company. 172,228; Aug. 28; Serial No. 174,633; published May 1, 1923.
Mouth wash, Antiseptic. M. O. Jacques. 177,129; Dec. 11; Serial No. 140,964; published Jan. 3, 1922.
Mouth wash, Liquid. M. West. 174,692; Oct. 23; Serial No. 180,036; published July 31, 1923.
Mouth-wash preparation. Pyraid Products Corporation. 174,025; Oct. 2; Serial No. 176,428; published June 19, 1923.
Mouth washes. Universal Laboratories Inc. 164,421; Feb. 20.
Nail bleach and polish, cold cream, sachet powder, lip stick, etc. J. H. Karp. 167,853; May 8; Serial No. 163,886; published Feb. 6, 1923.
Nail creams, rouges, powders, and polishes. W. R. Smith. 167,428; May 1; Serial No. 164,969; published Oct. 10, 1922.
Nail emollient or polish. V. C. B. Lambert. 168,831; May 29; Serial No. 170,493; published Feb. 13, 1923.
Nail polish. Henry L. Hughes Co. Inc. 170,755; July 24; Serial No. 173,497; published Apr. 24, 1923.
Nail polish. Hydrox Chemical Co. 165,504; Mar. 13; Serial No. 166,071; published Nov. 7, 1922.
Nail polish. Frederick F. Ingram Company. 164,148; Feb. 13.
Nail polish and hand cream. F. N. Lewis. 168,499; May 22.
Nail polish, cleaner, and tonic, Finger-. Evans Chemical Works. 172,713; Sept. 11; Serial No. 175,388; published May 22, 1923.

Classified list of trade-marks registered—Continued.

Nail polishes, bleach, and cuticle remover, etc., Powder and liquid. P. Herber. 164,630; Feb. 20.
Nail polishes, paste polish, etc. L. Singer. 177,192; Dec. 11; Serial No. 178,290; published Sept. 11, 1923.
Naphthalene solvent for gas mains and services. Northwestern Blaugas Company. 172,376; Aug. 28; Serial No. 156,593; published May 15, 1923.
Nasal solution, douche therefor, and a package containing both. Rosebrand Co. 170,418; July 17; Serial No. 173,008; published Apr. 10, 1923.
Nickel ammonium sulphate. British America Nickel Corp'n Ltd. 174,116; Oct. 2; Serial No. 143,978; published July 3, 1923.
Nickel sulphate. British America Nickel Corp'n Ltd. 174,115; Oct. 2; Serial No. 143,977; published July 3, 1923.
Nicotine sulphate, free nicotine, and tobacco extracts. American Nicotine Company. 176,235; Nov. 20; Serial No. 162,096; published Aug. 14, 1923.
Nitrous oxide and medicinal oxygen. E. F. Platt. 176,414; Nov. 27; Serial No. 178,770; published Aug. 28, 1923.
Oats and oatmeal, Rolled. Quaker Oats Company. 172,969; Sept. 11; Serial No. 174,915; published June 5, 1923.
Oil, acne and bleaching lotions, lemon cream, etc., Muscle. De Guile Laboratories Inc. 176,164; Nov. 20; Serial No. 167,841; published Aug. 14, 1923.
Oil, analgesic balm, castor oil, etc., Medicinal. John T. Milliken & Company. 172,672; Sept. 11; Serial No. 174,093; published May 29, 1923.
Oil and ointment, Facial. Salon Viennese. 174,070; Oct. 2; Serial No. 178,570; published July 10, 1923.
Oil, Antiseptic. F. C. Hottel. 168,646; May 29; Serial No. 165,682; published Feb. 20, 1923.
Oil, Antiseptic. Pine Balm Company. 169,941; July 3.
Oil capsules, Haarlem-. Stearns-Eddy Co. 167,417; May 1; Serial No. 169,335; published Feb. 20, 1923.
Oil, Castor. Baker Castor Oil Company. 23,895–6; renewed Dec. 5. 1923.
Oil, Castor. Bartlett Corporation. 177,160; Dec. 11; Serial No. 181,811; published Sept. 25, 1923.
Oil, Castor. Berry, Demoville & Co. 176,227; Nov. 20; Serial No. 176,157; published Aug. 7, 1923.
Oil, Chenopodium. Growers Distilling Co. 172,730; Sept. 11; Serial No. 174,519; published May 22, 1923.
Oil compound, Castor-. G. B. Tullidge. 175,010; Oct. 30; Serial No. 177,931; published Aug. 7, 1923.
Oils, Decolorizing charcoal for use for mineral and vegetable. Verein für Chemische und Metallurgische Produktion. 169,813; July 3; Serial No. 167,372; published Mar. 13, 1923.
Oil for medicinal purposes, White mineral. Sherwood Petroleum Company. 170,198–9; July 10; Serial Nos. 173,368–9; published Apr. 3, 1923.
Oil in capsules, Haarlem. H. Planten & Son, Inc. 172,752; Sept. 11; Serial No. 165,204; published May 22, 1923.
Oil liniment. H. B. Nault. 176,894; Dec. 4.
Oil, Mineral. Standard Oil Company (Incorporated in New Jersey). 164,507; Feb. 20.
Oil, Rheumatic. J. F. Brooks & Sons. 177,843; Dec. 25.
Oil shampoo, Coconut-. Brock-Carlson Laboratories, Inc. 168,484; May 22; Serial No. 168,752; published Feb. 20, 1923.
Oil, Spraying. Sun Oil Company. 177,042; Dec. 11; Serial No. 180,562; published Sept. 18, 1923.
Oil, Stimulating antiseptic. Brown Manufacturing Co. 176,354; Nov. 20.
Oil to prevent perspiration of the feet. K. Kosinski. 169,614; June 26; Serial No. 172,601; published Mar. 6, 1923.
Oil, White mineral. Standard Oil Company, Incorporated in New Jersey. 168,137; May 15; Serial No. 170,410; published Feb. 13, 1923.
Oil, Wool. Standard Oil Company. 169,898; July 3; Serial No. 171,665; published Mar. 13, 1923.
Oils and antiseptics, Combination of healing and medicinal. H. D. Sterrick. 177,028; Dec. 11; Serial No. 163,356; published Sept. 18, 1923.
Oils and aromatic chemicals used in the production of perfumes, Synthetic. Société Anonyme des Etablissements Justin Dupont. 163,173; Jan. 2.
Oils and chemicals, Combination of high-grade. H. L. Finnegan. 164,095; Feb. 13.
Oils and chemicals, Essential. Charles H. Phillips Chemical Company. 24,395; renewed Mar. 20, 1924.
Oils and essences for deodorizing and purifying the air, Ethereal. Perolin Fabrikationsgesellschaft m. b. H. 170,215; July 10; Serial No. 146,780; published Apr. 10, 1923.
Oils, castor oil aromatic, iron cinchona bitters, etc., Almond and castor. Eridanea Company, Inc. 177,213; Dec. 25; Serial No. 179,942; published Oct. 9, 1923.
Oils, Essential. Essential Oil Company. 174,329; Oct. 16; Serial No. 178,030; published July 10, 1923.
Oils for hemorrhoids, cuts, bruises, etc., Vegetable. C. G. Harris, jr. 176,237; Nov. 20; Serial No. 160,707; published Aug. 14, 1923.
Oils for preparing silk, wool, etc., for manufacture. Neutrasol Products Corporation. 172,695; Sept. 11; Serial No. 177,988; published May 29, 1923.
Oils for the treatment of disorders of the throat, lungs, etc., Aromatic. H. G. Connolly. 173,108; Sept. 18; Serial No. 176,952; published June 12, 1923.
Oils, laundry wax, petrolatum, etc., Medicinal. Standard Oil Company of New York. 163,178; Jan. 2.
Oils, Medicinal. L. W. Neiswender. 169,884; July 3; Serial No. 154,700; published Mar. 13, 1923.
Oils, Medicinal mineral. Standard Oil Company. 175,585; Nov. 6; Serial No. 180,033; published July 31, 1923.
Oily preparation for producing permanent waves in the human hair. Gem-Air Permanent Wave Co. 176,159; Nov. 20; Serial No. 177,686; published Aug. 28, 1923.
Ointment. W. N. Hunter and Co. 173,100; Sept. 18; Serial No. 177,128; published June 12, 1923.
Ointment. Lyndon Chemical Company. 170,749–50; July 24; Serial Nos. 174,088–9; published Apr. 24, 1923.
Ointment. National Physicians Supply Company. 177,424; Dec. 18; Serial No. 162,846; published Sept. 25, 1923.
Ointment. Parke, Davis & Company. 172,537; Sept. 4; Serial No. 173,903; published May 8, 1923.
Ointment. M. E. Potter & Company. 165,714; Mar. 20; Serial No. 168,236; published Dec. 12, 1922.
Ointment and balsam, Goiter. H. H. Hayssen Company. 164,616; Feb. 20.
Ointment and cold cream. Skin Cura Co. 175,724; Nov. 6.
Ointment and solution for use in the treatment of eczema and compound for colds and coughs. Colton & Collins, Inc. 175,441; Nov. 6; Serial No. 132,170; published Aug. 8, 1922.
Ointment, Antiseptic. D'Rewal & Co. 165,885; Mar. 20.
Ointment, Antiseptic and healing. Eimer & Amend. 168,835; May 29; Serial No. 170,569; published Feb. 13, 1923.
Ointment, Antiseptic healing. G. Jack. 167,580; May 1; Serial No. 166,455; published Jan. 30, 1923.
Ointment, Face. C. Petzelt. 22,935; renewed May 2, 1923.
Ointment for abdominal pains, bronchitis, colds, headaches, etc. W. M. Fox. 166,142; Mar. 27; Serial No. 157,364; published Oct. 10, 1922.
Ointment for blood poison, piles, boils, etc. E. E. Smith. 165,496; Mar. 13; Serial No. 166,112; published Nov. 7, 1922.
Ointment for burns, boils, etc., Healing. E. L. Patch Company. 168,127; May 15; Serial No. 171,100; published Feb. 13, 1923.
Ointment for croup, colds, pneumonia, bronchitis, etc. G. Holden. 167,621; May 1; Serial No. 167,721; published Jan. 2, 1923.
Ointment for cuts, bruises, sprains, and eruptions. A. Blanchette. 172,656; Sept. 11; Serial No. 174,887; published June 5, 1923.
Ointment for itching scalp, itching eczema, etc. Skratch Manufacturing Co. 173,778; Oct. 2; Serial No. 175,744; published June 26, 1923.
Ointment for nervous itching and a general healing ointment. J. D. Brown. 174,395; Oct. 16; Serial No. 174,765; published July 17, 1923.
Ointment for rheumatism. J. E. Stavros. 172,387; Aug. 28; Serial No. 169,936; published May 1, 1923.
Ointment for rheumatism, influenza, spasmodic croup, etc. L. O. Harrah. 167,386; May 1; Serial No. 164,640; published Jan. 2, 1923.
Ointment for sore, tired, sweating feet. R. Wornow. 175,675; Nov. 6.
Ointment for sprains, sore muscles, lumbago, insect bites, etc. John J. Drake & Son. 167,833; May 8; Serial No. 169,621; published Feb. 13, 1923.
Ointment for the cure and alleviation of piles, prolapse, etc. A. O. Molatch. 172,723; Sept. 11; Serial No. 174,745; published May 22, 1923.
Ointment for the treatment of piles. L. J. Judson. 168,062; May 15; Serial No. 171,024; published Feb. 20, 1923.
Ointment for the treatment of piles, fistula, constipation, etc. J. C. McCarthy. 170,034; July 10; Serial No. 173,840; published Apr. 10, 1923.
Ointment for treatment of rheumatism, neuralgia, acute congestion, etc. L. K. Strain. 168,412; May 22; Serial No. 171,822; published Feb. 20, 1923.
Ointment for treatment of rheumatism, sprains, etc. H. C. Fronk. 170,543; July 17; Serial No. 173,281; published May 1, 1923.
Ointment for use on burns, itch, varicose veins, etc. J. Lagreca. 165,813; Mar. 20; Serial No. 167,306; published Jan. 2, 1923.
Ointment for utero-ovarian diseases, Curative. Mary Brannon Company. 163,026; Jan. 2.
Ointment, Goiter. Dr. D. D. MacGillivray. 172,515; Sept. 4; Serial No. 172,278; published Apr. 17, 1923.
Ointment, Healing. Hearn Salve Company. 166,302; Mar. 27.
Ointment, Healing. Hygeia Nursing Bottle Co. 167,346; May 1; Serial No. 160,808; published Jan. 23, 1923.
Ointment, liniment, and cough sirup. F. P. Wojciechowski. 175,652; Nov. 6; Serial No. 181,328; published Aug. 14, 1923.
Ointment, Medicinal. C. C. Marshall. 172,883; Sept. 11; Serial No. 175,877; published May 15, 1923.

Ointment or jelly for external use. C. F. Uhl. 23,670; renewed Oct. 3, 1923.
Ointment, Pile. W. G. Prescott. 165,624; Mar. 13; Serial No. 167,485; published Dec. 12, 1922.
Ointment, Pile. H. C. Strahmann. 167,367; May 1; Serial No. 169,832; published Jan. 23, 1923.
Ointment, Prophylactic. W. S. Hughes. 168,845; May 29; Serial No. 170,885; published Feb. 13, 1923.
Ointment, Prophylactic. Stephen Craig Company. 173,663; Oct. 2; Serial No. 176,001; published June 26, 1923.
Ointment used for colds, headache, sorethroat, etc. J. W. Oneal Chemical Co. 172,733; Sept. 11; Serial No. 174,257; published May 22, 1923.
Ointment used for treating eczema, hemorrhoids, etc. Klerol Laboratories, Inc. 167,420; May 1; Serial No. 170,021; published Jan. 9, 1923.
Ointments and liniments. A. H. Hinkson. 170,014; July 10; Serial No. 172,593; published Apr. 3, 1923.
Ointments and lubricants, Antiseptic healing. A. G. Taggart. 164,321; Feb. 20.
Ointments, influenza medicine, laxative tablets, etc. M. H. Beveridge. 173,632; Oct. 2; Serial No. 160,240; published July 3, 1923.
Ointments or salves, Medicated. Larkin Co. 177,749; Dec. 11; Serial No. 177,080; published Sept. 11, 1923.
Ointments, salves, etc. National Pharmacal Company. 176,222; Nov. 20; Serial No. 177,686; published Aug. 28, 1923.
Ointments used as an application for rheumatism, colds, etc. Patsy & Alexander. 164,117; Feb. 13.
Oxides of cobalt, chromium, etc. Vitro Manufacturing Company. 172,975; Sept. 11; Serial No. 176,234; published June 12, 1923.
Oxygenated tablet used in the treatment of pulmonary diseases. W. B. Hunt, M. D. 167,494; May 1; Serial No. 166,230; published Jan. 16, 1923.
Palliative for rheumatism, itchings, skin diseases, etc. F. Gradisar. 168,820; May 29; Serial No. 170,134; published Feb. 20, 1923.
Palliative for venereal diseases. D. Romeo. 169,911; July 3; Serial No. 170,449; published Mar. 6, 1923.
Paper coated with face or skin cream, Towels or napkins of. K. M. Mackenzie. 164,478; Feb. 20.
Parasiticides. Farbenfabriken vorm. Friedr. Bayer & Co. 170,276–7; July 10; Serial Nos. 173,920–1; published Apr. 10, 1923.
Pastes and powders and perfumery. Parfumerie Roger & Gallet. 173,438; Sept. 25; Serial No. 174,590; published June 26, 1923.
Pastes and powders for beautifying and preserving the teeth, skin, and hair, and perfumery. Parfumerie Roger et Gallet. 169,832; July 3; Serial No. 173,141; published Mar. 20, 1923.
Pastes and powders for the teeth, skin, and hair, and perfumery. Parfumerie Roger & Gallet. 173,109; Sept. 18; Serial No. 171,866; published June 5, 1923.
Pastils, Asthmatic. Samuel Kidder & Co. Inc. 169,650; June 26; Serial No. 168,974; published Mar. 20, 1923.
Pepsin pancreatin and rennet and their compounds. Swift & Company. 22,539; renewed Feb. 28, 1923.
Peptone and iodine, Solution containing. E. Galbrun. 175,616; Nov. 6; Serial No. 180,855; published Aug. 14, 1923.
Perfume. Marshall Field & Company. 175,478; Nov. 6; Serial No. 179,523; published Aug. 21, 1923.
Perfume and face powder. J. Grossmith & Son Limited. 169,598; June 26; Serial No. 170,979; published Mar. 20, 1923.
Perfume extract, talcum powder, cold cream, etc. American Witch Hazel Supply Co. 176,286; Nov. 20; Serial No. 178,701; published Aug. 14, 1923.
Perfume extract, toilet water, bath salt, talcum powder, etc. La Valliere Company. 175,419; Nov. 6; Serial No. 169,444; published Mar. 27, 1923.
Perfume extract, toilet water, cleansing and vanishing cream. United Drug Company. 168,814; May 29; Serial No. 170,049; published Feb. 13, 1923.
Perfume extract, toilet water, face powder, etc. La Valliere Company. 172,525; Sept. 4; Serial No. 173,604; published May 29, 1923.
Perfume extracts, lotions, toilet water, etc. M. Babani. 171,954; Aug. 14.
Perfume, face powder, etc. E. Daltroff & Cie. 172,538; Sept. 4; Serial No. 173,881; published May 29, 1923.
Perfume or toilet water, etc., Bottles, vials, packages, or cases containing. Harlequin Parfumerie Compagnie. 170,490; July 17; Serial No. 171,167; published Apr. 17, 1923.
Perfume, rouge, cold cream, toilet water, face and toilet powder, etc. J. M. Pendas. 165,598; Mar. 13; Serial No. 131,087; published Dec. 12, 1922.
Perfume, rouges, etc. E. Daltroff & Cie. 172,539; Sept. 4; Serial No. 173,877; published May 29, 1923.
Perfume, toilet water, and face lotion. H. Rigaud. 166,971; Apr. 17.
Perfume, toilet water, and sachet. E. Burnham, Inc. 166,178; Mar. 27; Serial No. 166,497; published Dec. 5, 1922.
Perfume, toilet water, complexion powder. Solon Palmer. 172,714; Sept. 11; Serial No. 175,368; published May 22, 1923.
Perfume, toilet water, face and talcum powder. H. Rigaud. 164,464; Feb. 20.
Perfume, toilet water, face and talcum powder, rouge, etc. H. Rigaud. 164,461–3; Feb. 20.
Perfume, toilet water, face and talcum powders, etc. H. Rigaud. 172,809; Sept. 11; Serial No. 175,025; published June 5, 1923.
Perfume, toilet water, face powder, etc. J. Bossard. 169,909; July 3; Serial No. 170,618; published Mar. 6, 1923.
Perfume, toilet water, face powder, etc. L. Cohn. 177,208; Dec. 11; Serial No. 177,547; published Sept. 18, 1923.
Perfume, toilet water, face powder, etc. Houbigant, Inc. 176,166; Nov. 20; Serial No. 176,025; published Aug. 14, 1923.
Perfume, toilet water, face powder, rouge, face creams, etc. H. Rigaud. 164,467; Feb. 20.
Perfume, toilet water, face powder, rouge, face creams, etc. H. Rigaud. 166,972; Apr. 17.
Perfume, toilet water, face, talcum, and sachet powders, etc. Houbigant, Inc. 174,038; Oct. 2; Serial No. 177,379; published July 10, 1923.
Perfume, toilet water, hair tonic, etc. Karlsruher Parfumerie & Toiletteseifen-Fabrik F. Wolff & Sohn, G. m. b. H. 169,999; July 10; Serial No. 152,758; published Apr. 3, 1923.
Perfume, toilet water, rouge, face powder, talcum powder, etc. E. Daltroff & Cie. 169,118; June 5.
Perfume, toilet water, rouges, etc. E. Daltroff & Cie. 169,938; July 3.
Perfume, toilet water, rouges, etc. E. Daltroff & Cie. 171,100; July 31; Serial No. 174,169; published Apr. 24, 1923.
Perfume, toilet water, rouges, face and talcum powder, etc. E. Daltroff & Cie. 170,278; July 10; Serial No. 173,916; published Apr. 10, 1923.
Perfume, toilet water, rouges, face powder, etc. E. Daltroff. 164,476; Feb. 20.
Perfume, toilet water, rouges, face powder, etc. E. Daltroff & Cie. 172,520; Sept. 4; Serial No. 173,880; published Apr. 17, 1923.
Perfume, toilet water, rouges, face powder, etc. E. Daltroff & Cie. 172,532; Sept. 4; Serial No. 173,876; published Apr. 17, 1923.
Perfume, toilet water, rouges, face powder, etc. E. Daltroff & Cie. 173,444; Sept. 25; Serial No. 173,875; published June 26, 1923.
Perfume, toilet water, sachet and face powders, etc. Susanna Cocroft Laboratories Inc. 172,955; Sept. 11; Serial No. 175,468; published June 5, 1923.
Perfume, toilet water, sachet powder, etc. Wm. H. Brown & Bro. Company. 172,721; Sept. 11; Serial No. 174,818; published May 22, 1923.
Perfume, toilet water, sachet powder, face powder, etc. Susanna Cocroft Laboratories Inc. 172,792; Sept. 11; Serial No. 175,467; published June 5, 1923.
Perfume, toilet water, talcum powder, cold cream, etc. Mills Brothers Company. 177,473; Dec. 18; Serial No. 175,318; published Sept. 25, 1923.
Perfumery. Pierre Lemoine Cie. 165,765; Mar. 20; Serial No. 160,970; published Jan. 2, 1923.
Perfumery and hair oil. Anglo-Indian Drug & Chemical Co. 175,410. Nov. 6; Serial No. 166,869; published Aug. 14. 1923.
Perfumery and perfumed soap. J. L. Grossmith. 23,025; renewed May 16, 1923.
Perfumery, cream, lotion, rouge, etc. L. Scherk. 176,975; Dec. 11; Serial No. 179,966; published Sept. 11, 1923.
Perfumery, face cream, rouge, etc. L. Scherk. 173,087; Sept. 11.
Perfumery, scents, toilet water, hair waters, etc. F. Libisch. 172,862; Sept. 11; Serial No. 170,982; published June 5, 1923.
Perfumery, toilet powder, rouge, etc. A. P. Babcock Company. 167,300; Apr. 24
Perfumes. Agra Company. 170,783; July 24; Serial No. 174,762; published Apr. 24, 1923.
Perfumes. Boue Soeurs. 177,665; Dec. 25; Serial No. 181,171; published Oct. 9, 1923.
Perfumes. Coty, Inc. 172,878; Sept. 11; Serial No. 175,920; published May 29, 1923.
Perfumes. De Cameron, Inc. 173,590; Sept. 25.
Perfumes. De Cameron, Inc. 174,145; Oct. 2.
Perfumes. De Cameron, Inc. 174,151–2; Oct. 2.
Perfumes. De Cameron, Inc. 176,279; Nov. 20; Serial No. 178,961; published Aug. 14, 1923.
Perfumes. De Cameron, Inc. 176,903; Dec. 4.
Perfumes. J. B. Haroche. 165,468; Mar. 13; Serial No. 167,549; published Dec. 12, 1922.
Perfumes. Harriet Hubbard Ayer. 164,679–81; Feb. 27.
Perfumes. Harriet Hubbard Ayer. 164,688; Feb. 27.
Perfumes. Harriet Hubbard Ayer. 167,345; May 1; Serial No. 162,975; published Aug. 22, 1922.
Perfumes. International Consolidated Chemical Corporation. 165,498; Mar. 13; Serial No. 166,002; published Nov. 7, 1922.
Perfumes. Leigh Chemist, Inc. 175,582; Nov. 6; Serial No. 181,287; published Aug. 28, 1923.
Perfumes. Leigh Chemist, Inc. 175,583; Nov. 6; Serial No. 181,288; published Aug. 21, 1923.
Perfumes. F. N. Lewis. 169,109; June 5.

Classified list of trade-marks registered—Continued.

Perfumes. Lionel Trading Co. 169,640; June 26; Serial No. 171,333; published Jan. 30, 1923.
Perfumes. Parfumette Corporation. 166,159; Mar. 27; Serial No. 153,824; published Jan. 24.
Perfumes. G. A. Sakele. 172,240; Aug. 28; Serial No. 175,373; published May 15, 1923.
Perfumes. Williams, Davis, Brooks & Co. 23,223; renewed June 20, 1923.
Perfumes. J. C. Worth. 174,822; Oct. 23; Serial No. 172,630; published Aug. 7, 1923.
Perfumes. G. Yorita. 169,811; July 3; Serial No. 166,617; published Mar. 6, 1923.
Perfumes and hair tonics. A. Sampedro. 172,581; Sept. 11; Serial No. 171,138; published May 22, 1923.
Perfumes and toilet waters. Colgate & Company. 174,679–82; Oct. 23; Serial Nos. 179,776–9; published July 31, 1923.
Perfumes and toilet waters. P. Poiret. 177,454–5; Dec. 18; Serial Nos. 178,467–8; published Sept. 25, 1923.
Perfumes and toilet waters. Paul Prot & Cie. 177,309; Dec. 18; Serial No. 170,081; published Sept. 25, 1923.
Perfumes, dyestuffs, essential oils. Schimmel & Co. 164,917; Feb. 27.
Perfumes, extracts, toilet water, rice powders, etc. M. Schoepfer. 172,710; Sept. 11; Serial No. 175,524; published May 15, 1923.
Perfumes, face powder, toilet water, cold cream, etc. Barr Manufacturing Corporation. 177,469; Dec. 18; Serial No. 176,107; published Sept. 25, 1923.
Perfumes, Liquid and powdered. Colgate & Company. 163,222; Jan. 2.
Perfumes, Liquid and powdered. Colgate & Company. 172,666; Sept. 11; Serial No. 174,291; published May 29, 1923.
Perfumes, Oils and materials for the production of. Polak's Frutal Works. 170,450; July 17; Serial No. 172,240; published Apr. 10, 1923.
Perfumes, perfume powders, and toilet waters. Colgate & Company. 169,757; July 3; Serial No. 171,201; published Mar. 27, 1923.
Perfumes, sachets, and toilet waters. John Wanamaker, New York. 164,126; Feb. 13.
Perfumes, toilet water, cleansing cream, etc. National Chemical Co. 176,979; Dec. 11; Serial No. 179,815; published Sept. 11, 1923.
Perfumes, toilet water, face, compact, sachet, and talcum powders, etc. Coty, Inc. 176,299; Nov. 20; Serial No. 180,104; published Aug. 14, 1923.
Perfumes, toilet water, face powder, talcum powder, etc. Mulhens & Kropff, Incorporated. 165,585; Mar. 13; Serial No. 163,227; published Dec. 5, 1922.
Perfumes, toilet water, face, sachet, and talcum powders, etc. Coty, Inc. 176,295; Nov. 20; Serial No. 180,099; published Sept. 4, 1923.
Perfumes, toilet waters, face and talcum powder, face lotion, and cream, and rouge. Paul Prot & Cie. 167,363; May 1; Serial No. 170,087; published Jan. 30, 1923.
Perfumes, toilet waters, face and talcum powders, face lotion, and cream, and rouge. Paul Prot & Cie. 167,587–8; May 1; Serial Nos. 170,084–5; published Jan. 30, 1923.
Perfumes, toilet waters, face and talcum powder, face lotion, etc. Paul Prot & Cie. 168,816; May 29; Serial No. 170,083; published Feb. 13, 1923.
Perfumes, toilet waters, face and talcum powders, etc. Societe Anonyme Parfumerie Violet. 168,437; May 22; Serial No. 171,042; published Feb. 20, 1923.
Perfumes, toilet waters, face and talcum powders, face lotions, etc. Paul Prot & Cie. 169,646; June 26; Serial No. 170,082; published Feb. 27, 1923.
Perfumes, toilet waters, face lotions, creams, etc. Lionel Trading Co. 172,673; Sept. 11; Serial No. 174,083; published May 29, 1923.
Perfumes, toilet waters, face lotions, etc. La Societe Anonyme "Parfums Gueldy." 169,642; June 26; Serial No. 170,938; published Mar. 6, 1923.
Perfumes. toilet waters, face powder, etc. Paul Prot & Cie. 174,421; Oct. 16; Serial No. 170.086; published July 10, 1923.
Perfumes, toilet waters, face powders, etc. Societe Anonyme Parfumerie Violet. 170,985; July 24.
Perfumes, toilet waters, face powders, etc. Societe Anonyme Parfumerie Violet. 174.484; Oct. 16; Serial No. 178,144; published July 17. 1923.
Perfumes, toilet waters, powders, and sachets. United Drug Company. 172,531; Sept. 4; Serial No. 173,793; published May 29, 1923.
Perfumes, toilet waters, sachets, face powders, etc. J. Brach. 165.594; Mar. 13; Serial No. 146,687; published Dec. 5, 1922.
Peroxide tablets for the hygiene of the mouth. E. Merck. 164,320; Feb. 20.
Perspiration preventive. Sheffield Pharmacal Co. 164,499; Feb. 20.
Pessaries, suppositories, and a preparation of iodine. Menley & James, Limited. 176,225; Nov. 20; Serial No. 177,188; published Aug. 28, 1923.
Petrolatum. Standard Oil Company. 172,712; Sept. 11; Serial No. 175,414; published May 15, 1923.
Petroleum combined with hypophosphites. Emulsion of. R. E. O'Rear. 170.426; July 17; Serial No. 172,051; published Apr. 10, 1923.
Petroleum emulsion. F. W. Bell. 176,186; Nov. 20; Serial No. 175,334; published Aug. 14, 1923.
Petroleum jelly. Standard Oil Company. 165,435; Mar. 13; Serial No. 165,825; published Dec. 19, 1922.
Petroleum jelly. Standard Oil Company of New York. 174,483; Oct. 16; Serial No. 178,146; published July 10, 1923.
Petroleum jelly and petrolatum. Texas Company. 167,950; May 8.
Petroleum jelly and preparations thereof. Chesebrough Manufacturing Co., Consolidated. 167,907; May 8; Serial No. 168,956; published Jan. 30, 1923.
Petroleum jelly for medicinal and surgical purposes. Union Petroleum Company. 163,191; Jan. 2.
Petroleum jelly, hair pomade, and hair tonic, etc. Chesebrough Manufacturing Co. (Consolidated). 169,652; June 26; Serial No. 168,596; published Mar. 6, 1923.
Petroleum, Refined. Angier Chemical Co. 24,051; renewed Jan. 16, 1924.
Pharmaceutical and medicinal preparations, antiseptics, germicides, etc. Shores-Mueller Company. 169,841; July 3; Serial No. 172,962; published Mar. 13, 1923.
Pharmaceutical or dietetical compounds. Farbenfabriken, vormals Fr. Bayer & Co. 23,823; renewed Nov. 14, 1923.
Pharmaceutical preparation. Chemische Fabrik vormals Sandoz. 173,046; Sept. 11; Serial No. 176,882; published June 12, 1923.
Pharmaceutical preparation. Chemische Fabrik vormals Sandoz. 173,047; Sept. 11; Serial No. 176,880; published June 12, 1923.
Pharmaceutical preparation. Phospho-Albumen Company. 172,223; Aug. 28; Serial No. 174,258; published Apr. 24, 1923.
Pharmaceutical preparation for diseases of the stomach, intestines, etc. A. Watelet. 169,607; June 26; Serial No. 172,455; published Feb. 27, 1923.
Pharmaceutical preparation for prevention and correction of vaginitis, leucorrhea, etc. E. J. O'Connor. 168,739; May 29; Serial No. 170,948; published Feb. 13, 1923.
Pharmaceutical preparation for strengthening the genital glands. Phospho-Albumen Company. 169,835; July 3; Serial No. 173,005; published Mar. 6, 1923.
Pharmaceutical preparation for the relief of headache, nerve pains, etc. Nicholas Proprietary Limited. 171,972; Aug. 21; Serial No. 165,706; published Nov. 7, 1922.
Pharmaceutical preparation for the treatment of hyperacidity, gastritis, etc. Lafayette Pharmacal Company. 169,613; June 26; Serial No. 172,541; published Mar. 6, 1923.
Pharmaceutical preparation for the treatment of roup, canker, and colds in poultry. Burrell-Dugger Company. 165,713; Mar. 20; Serial No. 168,252; published Dec. 12, 1922.
Pharmaceutical preparation used for the treatment of foot and mouth diseases and disinfectant. American Kreuger & Toll Corporation. 174,825; Oct. 23; Serial No. 174,719; published Aug. 7, 1923.
Pharmaceutical preparation used in dressing the hair and cleansing the scalp. E. Scott. 164,492; Feb. 20.
Pharmaceutical preparations. V. Baldacci. 173,328; Sept. 25; Serial No. 171,703; published June 26, 1923.
Pharmaceutical preparations. H. C. Carel. 172,365; Aug. 28; Serial No. 163,859; published May 15, 1923.
Pharmaceutical preparations. Chemische Fabrik "Norgine" Dr. Victor Stein. 172,681; Sept. 11; Serial No. 163,139; published May 8, 1923.
Pharmaceutical preparations. Fine Products Company. 172,544; Sept. 4; Serial No. 173,822; published May 8, 1923.
Pharmaceutical preparations. H. Dunwoody. 176,229; Nov. 20; Serial No. 174,959; published Aug. 14, 1923.
Pharmaceutical preparations. Medoc Distributing Company. 173,980; Oct. 2; Serial No. 143,773; published July 17, 1923.
Pharmaceutical preparations. Suchywerke A. G. 167,723; May 8; Serial No. 151,235; published Jan. 3, 1923.
Pharmaceutical preparations for coughs, whooping cough, etc. V. Baldacci. 174,112; Oct. 2; Serial No. 170,921; published July 3, 1923.
Pharmaceutical preparations for functional heart disturbances. H. P. Clearwater. 164,613; Feb. 20.
Pharmaceutical preparations for promoting the growth of hair. Aktiengesellschaft für Chemische Produkte vormals H. Scheidemandel. 173,111; Sept. 18; Serial No. 171,565; published June 12, 1923.
Pharmaceutical preparations for the treatment of nervous diseases, etc. Phospho-Albumen Company. 169,831; July 3; Serial No. 173,146; Published Mar. 13, 1923.
Pharmaceutical preparations for use in cases of tuberculosis. N. L. Waelchli. 171,340; Aug. 7; Serial No. 172,852; published Apr. 24, 1923.
Pharmaceutical product used as a deodorant antiseptic for wounds, etc. Kalle & Co., Aktiengesellschaft. 173,150; Sept. 18; Serial No. 155,695; published Sept. 26, 1922.
Pharmaceutical product used in the treatment of poisoning, burns, etc. L. A. Marsh. 168,447; May 22; Serial No. 170,500; published Feb. 20, 1923.

Pharmaceutical products. F. Lehnhoff-Wyld. 165,521; Mar. 13; Serial No. 164,016; published Dec. 26, 1922.
Pharmaceutical products for the treatment of tuberculosis. Société Anonyme des Produits Chimiques de l'Isle Saint-Denis. 166,181; Mar. 27; Serial No. 166,580; published Dec. 15, 1922.
Phenylacetaldehyde, phenyl ethyl alcohol, acetate, etc. Antoine Chiris Company. 176,365; Nov. 20.
Photographic chemicals. Johnson & Sons. 163,098; Jan. 2.
Photographic developer. Johnson & Sons. 175,433–4; Nov. 6; Serial Nos. 166,834–5; published Aug. 14, 1923.
Photographic preparations. J. Hauff. 22,274; renewed Jan. 3, 1923.
Photographic salts. National Engineering Company. 163,137; Jan. 2.
Pile cure. Puro Products Co. 176,172; Nov. 20; Serial No. 177,407; published Aug. 28, 1923.
Pile remedy. N. Storts. 166,140; Mar. 27; Serial No. 166,722; published Nov. 28.
Piles, Internal treatment of. Happy Thought Remedy Co. 170,026; July 10; Serial No. 173,596; published Apr. 10, 1923.
Pills. F. S. Grey. 175,646; Nov. 6; Serial No. 180,537; published Aug. 28, 1923.
Pills. P. Ouillette. 175,639; Nov. 6; Serial No. 179,675; published Aug. 14, 1923.
Pills and tablets for regulating menstrual functions. J. Rubsam Co. 174,744; Oct. 23; Serial No. 169,138; published July 24, 1923.
Pills, candy laxative, etc., Laxative. L. Kreisman. 172,190; Aug. 21.
Pills, Cod-liver-oil. Jenquins Laboratories. 174,476; Oct. 16; Serial No. 178,252; published July 10, 1923.
Pills, diarrhea cordial, liniment, etc., Antibilious. F. S. Duffy. 172,196; Aug. 21.
Pills for pimples, boils, etc. National Drug and Chemical Company of Canada, Limited. 167,804; May 8; Serial No. 168,275; published Feb. 13, 1923.
Pills, headache tablets, eye balm, etc., Liver. L. Altfeld. 172,519; Sept. 4; Serial No. 172,855; published Apr. 17, 1923.
Pills, Kidney and bladder. Stephens-Bradley Company. 174,042; Oct. 2; Serial No. 177,462; published July 10, 1923.
Pills, Liver. P. W. Moomaw. 174,524; Oct. 16; Serial No. 177,097; published July 24, 1923.
Pipe and sink opener and cleaner, Waste and drain. B. Heller & Company. 166,958; Apr. 17.
Plaster, Drawing. Red-O-Led Plaster Co. 173,398; Sept. 25; Serial No. 174,799; published June 26, 1923.
Plasters, Corn. J. J. Newman. 170,036; July 10; Serial No. 173,851; published Apr. 10, 1923.
Plasters, Medicated. Authorized Wassermann Medical Corporation. 176,169; Nov. 20; Serial No. 177,211; published Aug. 28, 1923.
Plasters, Medicated and surgical, kidney, and medicated. Deane Plaster Co. 174,771; Oct. 23; Serial No. 171,154; published Aug. 7, 1923.
Plasters, Poultice. H. W. Bouck. 172,369; Aug. 28; Serial No. 160,390; published May 1, 1923.
Poison, Roach-exterminating. Pied Pipers of America. 166,697; Apr. 10; Serial No. 166,903; published Jan. 30, 1923.
Poison, Vermin. S. Pfeiffer Mfg. Co. 164,235; Feb. 13.
Poisoned raisins used as a rodent poison, Machine-. Dupuis Chemical Co. 163,058; Jan. 2.
Poisoning compound, Ant-. T. Meyer. 169,897; July 3; Serial No. 171,734; published Mar. 20, 1923.
Poisoning fluid compound, Ant-. Universal Laboratories, Inc. 168,231; May 15; Serial No. 171,342; published Feb. 13, 1923.
Poisonous mixture for the destruction of rats and rodents. C. G. Woods, jr. 168,139; May 15; Serial No. 170,346; published Feb. 6, 1923.
Polish, Nail. Merrimac Laboratories, Inc. 175,631; Nov. 6; Serial No. 180,021; published Aug. 21, 1923.
Polish, Nail. I. R. Parsons. 173,045; Sept. 11; Serial No. 176,912; published June 12, 1923.
Polyendocrine proteins for hypodermic injection, Concentrated sterile solutions of. H. R. Harrower. 165,586; Mar. 13; Serial No. 167,042; published Dec. 12, 1922.
Pomade. A. N. Cardenas. 164,128; Feb. 13.
Pomade, colic and diarrhea mixture, blackberry root, carminative compounds, etc. A. N. Cardenas. 165,547; Mar. 13; Serial No. 148,975; published Nov. 7, 1922.
Pomade for the scalp and hair. Vail Brothers. 169,809; July 3; Serial No. 165,048; published Mar. 13, 1923.
Pomade, Hair. Bayard Chemical Company. 176,301; Nov. 20; Serial No. 179,393; published July 31, 1923.
Poultry powders. J. A. McCahill. 164,344; Feb. 20.
Powder adapted for toilet use, Liquid. J. Ogilvie. 167,603; May 1; Serial No. 165,029; published Dec. 26, 1922.
Powder and cold cream, Face. Nelson, Baker & Company. 175,569; Nov. 6; Serial No. 180,940; published Aug. 21, 1923.
Powder and cream, perfumes, toilet waters, etc., Face. C. A. Schwarze. 174,076; Oct. 2; Serial No. 178,676; published July 10, 1923.
Powder and paste and mouth wash, Tooth. J. O. McCall. 177,231; Dec. 11; Serial No. 181,606; published Sept. 18, 1923.
Powder and paste, Tooth. Nature Products Company. 167,362; May 1; Serial No. 170,256; published Jan. 30, 1923.
Powder, Antiseptic and astringent. M. Cohen. 168,832; May 29; Serial No. 170,519; published Feb. 13, 1923.
Powder, Antiseptic foot. P. L. Tarara. 174,330; Oct. 16; Serial No. 178,072; published July 17, 1923.
Powder cakes, Face-. L. H. Peirson. 169,125; June 5.
Powder, cold cream, eau de Cologne, etc., Toilet. Société Anonyme des Laboratoires Innoxa. 175,655; Nov. 6; Serial No. 181,353; published Aug. 14, 1923.
Powder, Deodorant. C. Mulhearn. 165,562; Mar. 13; Serial No. 156,793; published Nov. 28, 1922.
Powder, Digestive and liver. Jackson Medicine Company. 167,359; May 1; Serial No. 171,924; published Feb. 13, 1923.
Powder, Dry black chemical. Chimnee Sweep Manufacturing Company. 176,285; Nov. 20; Serial No. 178,825; published Aug. 28, 1923.
Powder, Face. American Excelsior Trading Company. 167,342; May 1; Serial No. 163,024; published Dec. 26, 1922.
Powder, Face. A. Bourjois & Co. 177,712; Dec. 25; Serial No. 112,292; published Oct. 9, 1923.
Powder, Face. Hugg'Me Company. 172,569; Sept. 11; Serial No. 170,453; published Apr. 17, 1923.
Powder, Face. Palmolive Company. 172,851; Sept. 11; Serial No. 175,942; published June 5, 1923.
Powder, Face. Remiller Co. 164,481; Feb. 20.
Powder, Face. L. B. Ridley. 170,948; July 24; Serial No. 167,327; published Apr. 24, 1923.
Powder, face creams, perfumes, etc., Face. C. L. Klapp. 169,588; June 26; Serial No. 155,696; published Feb. 27, 1923.
Powder, Foot. C. C. Napier. 164,383; Feb. 20.
Powder, Foot. W. L. Purcell. 168,368; May 22; Serial No. 164,603; published Oct. 10, 1922.
Powder, Foot. W. T. Shaw. 169,786; July 3; Serial No. 155,709; published Mar. 20, 1923.
Powder for cleansing mucous membranes and for vaginal douche, Antiseptic douche. Modern Pharmacal Co. 164,724; Feb. 27.
Powder for live stock, General conditioning. W. D. Moyer. 164,293; Feb. 20.
Powder for mouth wash for treatment of pyorrhea. J. McDermott. 164,473; Feb. 20.
Powder for nursery and toilet use. Crystal Chemical Co. 174,068; Oct. 2; Serial No. 178,554; published July 10, 1923.
Powder for sore feet. John Novak Company. 164,104; Feb. 13.
Powder for stopping bleeding, Nonpoisonous antiseptic. S. F. Scheuer. 165,576; Mar. 13; Serial No. 162,322; published Dec. 5, 1922.
Powder for the skin, toilet water, perfume. Marinello Company. 164,164; Feb. 13.
Powder, hair straightener, liniment, etc., Face. Indian Star Chemical Co. 174,939; Oct. 30; Serial No. 175,356; published July 24, 1923.
Powder, hair tonic, astringent shampoo, skin tonic, and lotion, liquid complexion. J. Caplan. 164,429; Feb. 20.
Powder, massage cream, vanishing cream, etc., Foot relief. Albeco Company. 176,221; Nov. 20; Serial No. 176,309; published Aug. 14, 1923.
Powder, perfume, rouge, etc., Face. G. D. Earl. 176,110; Nov. 20; Serial No. 162,729; published Aug. 28, 1923.
Powder, rouge, and lip sticks. F. N. Lewis. 168,495; May 22.
Powder, rouge, and lip sticks. F. N. Lewis. 168,501; May 22.
Powder, rouge, sachet and talcum powder, etc., Face. Mills Brothers Company. 177,472; Dec. 18; Serial No. 175,316; published Sept. 25, 1923.
Powder, rouge, toilet creams and powder, perfumes, etc. Face. H. Karton. 167,411; May 1; Serial No. 168,417; published Jan. 23, 1923.
Powder, sachet, talcum, and perfumery powders, etc., Face. American Toilet Goods Company. 164,672; Feb. 27.
Powder soluble in water and methyl alcohol, etc., Almost-white. Farbwerke vorm. Meister, Lucius & Brüning. 166,241; Mar. 27; Serial No. 165,583; published Nov. 28, 1922.
Powder soluble in water and spirit of wine, Light-yellow. Farbwerke vorm. Meister, Lucius & Brüning. 166,240; Mar. 27; Serial No. 165,582; published Nov. 28, 1922.
Powder, Talcum. Foley & Company. 173,472; Sept. 25; Serial No. 176,260; published June 19, 1923.
Powder, Talcum. Merck & Co. 168,809; May 29; Serial No. 169,980; published Feb. 13, 1923.
Powder, Talcum. Remiller Co. 177,363; Dec. 18; Serial No. 181,866; published Sept. 25, 1923.
Powder, Talcum. Smith, Kline & French Co. 167,499; May 1; Serial No. 136,571; published Jan. 23, 1923.
Powder, Talcum. Talcum Puff Co. 167,626; May 1; Serial No. 167,695; published Dec. 26, 1922.
Powder, Talcum and face. Houbigant, Inc. 164,489; Feb. 20.
Powder tint, Face-. H. Rigaud. 168,028; May 8.

Powder, Toilet. E. Fougera & Co., 173,104; Sept. 18; Serial No. 177,038; published June 12, 1923.
Powder, Toilet. Olivette Laboratories, Inc. 170,781; July 24; Serial No. 174,700; published Apr. 24, 1923.
Powder, Toilet. M. M. Richard Vve. Grenoville. 177,048; Dec. 11; Serial No. 180,370; published Sept. 18, 1923.
Powder, Toilet. A. G. Smith. 174,871; Oct. 23; Serial No. 180,304; published July 31, 1923.
Powder, Toilet. M. Sullivan. 170,570; July 17; Serial No. 164,677; published Oct. 10, 1922.
Powder, toilet rouge, powder, and toilet rouge sticks, etc., Face. L. Leichner. 176,233; Nov. 20; Serial No. 166,186; published Aug. 7, 1923.
Powder, toilet water, compact powder, cold cream and talcum powder, Face. Marshall Field & Company. 165,427; Mar. 13; Serial No. 165,924; published Dec. 12, 1922.
Powder, Tooth. Jensen-Salsbery Laboratories, Inc. 165,486; Mar. 13; Serial No. 166,303; published Nov. 7, 1922.
Powder used as water softener. Dakota Compound Company. 170,440; July 17; Serial No. 172,084; published Apr. 10, 1923.
Powders, almond lotion, cold cream, etc., Face and talc. Rogers Brothers. 169,046; June 5; Serial No. 161,453; published July 25, 1922.
Powders and creams, perfumes, etc., Face. V. Vivaudou, Inc. 172,716–17; Sept. 11; Serial Nos. 175,284–5; published May 22, 1923.
Powders and creams, perfumes, rouges, etc., Face. V. D. Bennett. 172,637; Sept. 11; Serial No. 163,961; published May 22, 1923.
Powders and creams, perfumes, rouges, etc., Face. Condé Perfumer. 163,038; Jan. 2.
Powders and creams, perfumes, toilet waters, etc., Face. E. B. Finlayson. 165,842; Mar. 20; Serial No. 169,541; published Jan. 2, 1923.
Powders and creams, perfumes, toilet waters, etc., Face. P. E. Page. 172,876; Sept. 11; Serial No. 175,941; published May 29, 1923.
Powders and creams, perfumes, toilet waters, etc., Face. G. C. Spencer. 175,572; Nov. 6; Serial No. 180,989; published Aug. 21, 1923.
Powders and creams, perfumes, toilet waters, etc., Face. A. Winarick. 174,052; Oct. 2; Serial No. 177,720; published July 10, 1923.
Powders and creams, perfumes, toilet waters, rouges, etc., Face. Lightfoot Schultz Company. 169,845; July 3; Serial No. 172,947; published Mar. 13, 1923.
Powders and creams, perfumes, toilet waters, rouges, etc., Face. A. Winarick. 168,573; May 29; Serial No. 167,153; published Feb. 13, 1923.
Powders and dentifrice, Toilet. G. B. Evans. 23,445; renewed Aug. 1, 1923.
Powders and rouge, Compact. Richard Hudnut. 169,753–4; July 3; Serial No. 171,461–2; published Mar. 27, 1923.
Powders and rouges, Face. Lionel Trading Co. 169,675; June 26; Serial No. 174,085; published Apr. 24, 1923.
Powders and rouges, Face. H. Rigaud. 164,460; Feb. 20.
Powders and rouges, Face. H. Rigaud. 164,465–6; Feb. 20.
Powders and rouges, Face. H. Rigaud. 164,470–1; Feb. 20.
Powders and rouges, Face. V. Vivaudou, Inc. 163,544; Jan. 16.
Powders and tablets. J. D. Lee. 173,833; Oct. 2; Serial No. 174,789; published June 26, 1923.
Powders, cold and vanishing creams, shampoo, toilet water, etc., Face and talcum. S. J. Beggs. 165,566; Mar. 13; Serial No. 160,857; published Dec. 9, 1922.
Powders, cold cream, etc., Face and talcum. Armand Company. 175,671; Nov. 6.
Powders, compacts, lip sticks, etc., Face, talcum, sachet, and toilet. American Toilet Goods Company. 167,504; May 1; Serial No. 166,429; published Jan. 2, 1923.
Powders, creams, perfumes, toilet waters, etc. J. J. White. 173,105; Sept. 18; Serial No. 177,027; published June 12, 1923.
Powders, creams, perfumes, toilet waters, etc., Face. Condé, Perfumer. 172,879; Sept. 11; Serial No. 175,918; published May 29, 1923.
Powders, creams, perfumes, toilet waters, rouge, hair tonics, etc., Face. S. Holway. 173,094; Sept. 18; Serial No. 177,299; published June 12, 1923.
Powders, Face. Betty Lou. 172,591; Sept. 11; Serial No. 168,536; published May 29, 1923.
Powders. Face. Pond's Extract Company. 164,625; Feb. 20.
Powders, face bleaches, liquid rouge, Face. C. W. Godefroy. 169,879; July 3; Serial No. 142,840; published June 14, 1921.
Powders, face creams, hair tonics, etc., Face and talcum. T. I. Schwartzman. 168,017; May 8.
Powders, face creams, perfumes, toilet waters, rouges, etc., Face. W. R. Smith. 164,459; Feb. 20.
Powders, Foot. C. G. Boyd. 167,643; May 8; Serial No. 168,629; published Jan. 30, 1923.
Powders for the relief of headache and neuralgia. Magistral Chemical Co. 165,721; Mar. 20; Serial No. 166,308; published Nov. 7, 1922.
Powders, Headache, neuralgia, cold, and antifever. E. B. McCanne. 164,292; Feb. 20.
Powders, Laxative. P. Schaupner. 172,882; Sept. 11; Serial No. 175,889; published May 15, 1923.
Powders, perfume, Face and talcum. Franklin Simon & Co. 169,579; June 26; Serial No. 160,185; published Mar. 6, 1923.
Powders, Rouge and face. Frederick F. Ingram Company. 168,117; May 15; Serial No. 153,884; published Feb. 13, 1923.
Powders, rouge, vanishing cream, etc., Face and talcum. Armand Company. 177,798; Dec. 25.
Powders, rouges, Face. P. Sturges. 176,220; Nov. 20; Serial No. 176,579; published Aug. 7, 1923.
Powders, skin creams, etc., Face and sachet. H. C. Schaefer. 176,988; Dec. 11; Serial No. 179,485; published Sept. 11, 1923.
Powders, Talcum. Buddy Brooks, Inc. 176,231; Nov. 20; Serial No. 162,375; published Aug. 14, 1923.
Powders, Talcum. Sears, Roebuck and Co. 172,238; Aug. 28; Serial No. 175,275; published May 22, 1923.
Powders, toilet water, perfumes, etc., Face and talcum. I. J. Tetlow. 163,185; Jan. 2.
Powders, vanishing cream, cold cream, rouge, etc., Sachet and face. Marshall Field & Company. 167,227; Apr. 24; Serial No. 169,641; published Feb. 6, 1923.
Preparation, Alcohol rubbing and bathing. W. & H. Walker, Inc. 163,621; May 29; Serial No. 167,500; published Feb. 13, 1923.
Preparation and dressing used in the treatment of all anomalies of menstruation, etc. Chemische Fabrik Güstrow, Dr. Hillringhaus & Dr. Heilmann. 165,589; Mar. 13; Serial No. 148,317; published Dec. 5, 1922.
Preparation for an ointment for corns, etc., liniment, and foot lotion. G. L. Stowell. 175,431; Nov. 6; Serial No. 166,793; published Aug. 14, 1923.
Preparation for asthmatic paroxysms, hay asthma or rose cold, and bronchitis. L. Schuman. 176,292; Nov. 20; Serial No. 180,194; published Aug. 14, 1923.
Preparation for bathing and massaging. F. Bornn. 174,393; Oct. 16; Serial No. 174,425; published July 17, 1923.
Preparation for bathing, rubbing, etc. Mifflin Chemical Corporation. 177,824; Dec. 25.
Preparation for cancer. S. Kubota. 175,426; Nov. 6; Serial No. 173,891; published Aug. 21, 1923.
Preparation for canker and sore throat. C. E. Anderson. 176,185; Nov. 20; Serial No. 175,292; published July 31, 1923.
Preparation for catarrh, colds, earache, etc. Charlton & Matzen. 164,425; Feb. 20.
Preparation for cleaning and softening the skin. Century Chemist Incorporated. 165,809; Mar. 20; Serial No. 167,381; published Jan. 2, 1923.
Preparation for cleaning the scalp. Atlanta Barbers Supply Company. 169,610; June 26; Serial No. 172,502; published Mar. 6, 1923.
Preparation for coughs, colds, croup, etc. D. C. Yancey. 167,726; May 8; Serial No. 153,531; published Jan. 30, 1923.
Preparation for dandruff, eczema, and falling hair. J. G. Page. 177,316; Dec. 18; Serial No. 180,294; published Sept. 25, 1923.
Preparation for deodorizing bad-smelling and sweating bodies and feet. W. Marshall. 165,500; Mar. 13; Serial No. 166,008; published Dec. 5, 1922.
Preparation for destroying worms, bugs, insects, etc. Powcha Co. 164,453; Feb. 20.
Preparation for dysentery, diarrhoea, cholera morbus, summer complaints, etc. Honoroff & Wittmer Co. 167,349; May 1; Serial No. 153,140; published Dec. 26, 1922.
Preparation for eczema, salt rheum, impetigo, etc. Nolan Co. 168,445; May 22; Serial No. 170,535; published Feb. 20, 1923.
Preparation for eczema, tetter, and itch. Charleroi Laboratories, Inc. 168,340; May 22; Serial No. 155,047; published Feb. 20, 1922.
Preparation for energizing circulatory and nervous systems of the human body. B. R. Charles. 177,239; Dec. 11; Serial No. 181,474; published Sept. 18, 1923.
Preparation for exterminating rats and mice. J. J. Buczkowski. 164,494; Feb. 20.
Preparation for external use upon the body for bathing, rubbing, etc. Mifflin Chemical Corporation. 163,240–1; Jan. 2.
Preparation for gastric dyspepsia and resulting indigestion, colic, etc., Liquid. S. H. Depew, sr. 164,175; Feb. 13.
Preparation for gastric dyspepsia, dizziness, etc. Liquid. S. H. Depew. 164,437; Feb. 20.
Preparation for gonorrhea and gleet. R. Guidi. 176,931; Dec. 4.
Preparation for growing hair and eradication of dandruff. G. A. Simmons. 173,179; Sept. 18; Serial No. 169,829; published June 19, 1923.
Preparation for hay fever and rose cold. E. M. Kraemer. 176,985; Dec. 11; Serial No. 179,606; published Sept. 18, 1923.
Preparation for headache, colds, etc. P. Handley. 176,311; Nov. 20; Serial No. 179,148; published Sept. 4, 1923.
Preparation for headache, neuralgia, colds, etc. A. W. Fingl. 167,502; May 1; Serial No. 166,504; published Jan. 2, 1923.

Preparation for hypodermic use. Instituto Nazionale Medico Farmacologico. 177,305; Dec. 18; Serial No. 171,848; published Sept. 18, 1923.

Preparation for indigestion, gastritis, constipation, and dyspepsia. S. S. Clinton. 164,180; Feb. 13.

Preparation for inflammatory conditions. T. W. Stemmler. 172,559; Sept. 11; Serial No. 171,575; published Apr. 17, 1923.

Preparation for influenza. Mrs. L. A. Blackburn. 170,364; July 17; Serial No. 173,952; published Apr. 10, 1923.

Preparation for internal and external use for the alleviation of pain, etc. F. H. Bryant. 170,263; July 10; Serial No. 170,423; published Apr. 3, 1923.

Preparation for keeping curl in hair, Liquid. Le Roye, Ltd. 174,574; Oct. 23; Serial No. 179,541; published July 24, 1923.

Preparation for man and beast to be used for eczema, cuts, sores, etc. R. E. Payne. 164,727; Feb. 27.

Preparation for neuralgia and headache. Warren P. Rash Co. 174,046; Oct. 2; Serial No. 177,621; published July 10, 1923.

Preparation for neuralgia, neuritis, headache, and colds. Arobin Drug Company. 167,612; May 1; Serial No. 152,668; published Jan. 2, 1923.

Preparation for neuritis, sciatica, neuralgia, rheumatism, etc. Tysmol Co. 163,189; Jan. 2.

Preparation for pains, burns, bruises, and cancer. J. J. Martinka. 167,637; May 1; Serial No. 166,603; published Jan. 2, 1923.

Preparation for piles, fistula, cuts, etc. B. F. Stroud. 164,284; Feb. 20.

Preparation for preventing perspiration and odor. Delrose Laboratories. 167,232; Apr. 24; Serial No. 164,403; published Oct. 24, 1922.

Preparation for preventing the further tearing and ripping of hosiery, Chemical. F. Heitel. 172,741; Sept. 11; Serial No. 168,680; published May 29, 1923.

Preparation for preventing the running of dyes in fabrics during washing. Relyea Soap Co. 173,511; Sept. 25.

Preparation for prevention and treatment of intestinal disorders of fowls. American Scientific Laboratories, Inc. 173,516; Sept. 25.

Preparation for prevention of moths. R. S. Marshall. 168,130; May 15; Serial No. 170,826; published Feb. 13, 1923.

Preparation for protection against mosquitoes. Moth K-L Company. 165,718; Mar. 20; Serial No. 166,314; published Nov. 7, 1922.

Preparation for purifying the air in meat-cooling rooms, refrigerators, etc., Chemical. B. Heller & Company. 168,235; May 15; Serial No. 171,124; published Feb. 13, 1923.

Preparation for pyorrhea, abscesses, sores, cancer, and ulcers. C. M. Press. 176,189; Nov. 20; Serial No. 174,637; published Sept. 4, 1923.

Preparation for reducing perspiration. Odorono Company. 175,720; Nov. 6.

Preparation for relief of colds, coughs, grippe, etc. J. T. Jones. 172,772; Sept. 11; Serial No. 172,993; published July 10, 1923.

Preparation for relieving dyspepsia, etc., Nonalcoholic. C. Linahan. 177,360; Dec. 18; Serial No. 181,900; published Sept. 25, 1923.

Preparation for relieving pains of the teeth and gums. J. Escandell y Moré. 165,531; Mar. 13; Serial No. 158,082; published Dec. 19, 1922.

Preparation for removing calli and corns from the feet. Booth-Coahran Co. 174,761; Oct. 23; Serial No. 167,796; published Aug. 7, 1923.

Preparation for removing corns and calli. E. C. De Witt & Co. 174,074; Oct. 2; Serial No. 178,597; published July 10, 1923.

Preparation for removing rust. C. O. Gabriel & Sons. 177,707; Dec. 25; Serial No. 164,161; published Oct. 9, 1923.

Preparation for removing starch and sizing from textiles. H. A. Metz & Co. 174,802; Oct. 23; Serial No. 180,713; published Aug. 7, 1923.

Preparation for repelling flies from cattle, horses, dogs, etc. B. Heller & Company. 172,575; Sept. 11; Serial No. 173,045; published May 15, 1923.

Preparation for repelling mosquitoes. Mentholatum Company. 172,452; Aug. 28; Serial No. 172,386; published May 15, 1923.

Preparation for rheumatism and pains, cuts, etc. G. Scianna. 172,345; Aug. 28; Serial No. 172,688; published May 1, 1923.

Preparation for straightening hair. E. Burnham, Inc. 167,579; May 1; Serial No. 166,496; published Jan. 2, 1923.

Preparation for syphilis and diseases of the skin. E. Tosse & Co. 176,176; Nov. 20; Serial Nos. 178,577–8; published Aug. 7, 1923.

Preparation for syphilis, tabes, and general paralysis. Societe Anonyme pour l'Expansion des Marques de Fabrique et de Commerce. 177,243; Dec. 11; Serial No. 181,355; published Sept. 18, 1923.

Preparation for the alleviation of baldness and for restoration and preservation of hair. R. H. Hoskins. 164,482; Feb. 20.

Preparation for the alleviation of baldness and the restoration and preservation of the hair. C. Nickels. 170,019; July 10; Serial No. 172,431; published Mar. 27, 1923.

Preparation for the alleviation of roup, diarrhea, etc., in chickens, poison ivy, ulcers, etc., in humans. O. A. Glessner. 163,075; Jan. 2.

Preparation for the hair. Aktiengesellschaft für chemische Produkte vormals H. Scheidemandel. 174,404; Oct. 16; Serial No. 171.566; published July 17, 1923.

Preparation for the hair. Silger Laboratories. 177,364; Dec. 18; Serial No. 181,869; published Sept. 25, 1923.

Preparation for the hair and scalp. G. P. Haldy. 174.319; Oct. 16; Serial No. 177,737; published July 10, 1923.

Preparation for the prevention and treatment of obesity. Gotham Corporation. 177,358; Dec. 18; Serial No. 181,887; published Sept. 25, 1923.

Preparation for the prevention and treatment of sunburn. Abbott Laboratories. 174,510; Oct. 16; Serial No. 179,914; published July 24, 1923.

Preparation for the prevention of excessive perspiration. San-I-Sal Laboratories, Inc. 174,044; Oct. 2; Serial No. 177,519; published July 10, 1923.

Preparation for the relief and cure of indigestion. G. P. Maranto. 169,648; June 26; Serial No. 169,600; published Mar. 20, 1923.

Preparation for the relief of asthma and hay fever. Asthma-Tab Laboratories. 175,266; Oct. 30.

Preparation for the relief of chronic and acute neuritis. G. F. Leahy. 167,659; May 8; Serial No. 167,821; published Jan. 30, 1923.

Preparation for the relief of colds. I. C. Glessner. 167,371; May 1; Serial No. 168,764; published Jan. 2, 1923.

Preparation for the relief of coughs, etc. L. S. Gibson. 177,183; Dec. 11; Serial No. 180,759; published Sept. 11, 1923.

Preparation for the relief of dyspepsia, indigestion, etc. S. Chase. 169,611; June 26; Serial No. 172,513; published Mar. 6, 1923.

Preparation for the relief of headache, pain, etc. Ethicus Prompt Treatment Kit, Inc. 174,317; Oct. 16; Serial No. 177,729; published July 10. 1923.

Preparations for the relief of itching, inflammation, and irritation of the skin, biliousness, etc. C. G. Luther. 177,272; Dec. 11; Serial No. 156,331; published Sept. 11, 1923.

Preparation for the relief of piles. Stearns-Eddy Co. 167,418; May 1; Serial No. 169,336; published Feb. 20, 1923.

Preparation for the relief of rheumatism, neuralgia, and sciatica. N. D. Migakis. 164,686; Feb. 27.

Preparation for the removal of dandruff, and treatment of scalp and skin diseases. T. S. Williams. 174,415; Oct. 16; Serial No. 179,636; published July 17, 1923.

Preparation for the treatment and relief of headache, neuralgia, etc. Central Laboratories Company. 176,888; Dec. 4.

Preparation for the treatment of all kinds of chronic bronchitis, phthisis, etc. First Texas Chemical Manufacturing Company. 174,045; Oct. 2; Serial No. 177,598; published July 10, 1923.

Preparation for the treatment of asthma. C. R. Bundt. 167,909; May 8; Serial No. 168,997; published Jan. 30, 1923.

Preparation for the treatment of cancer. M. G. Petrich. 173,333; Sept. 25; Serial No. 171,187; published June 26, 1923.

Preparation for the treatment of cancer. E. L. Smith. 176,226; Nov. 20; Serial No. 177,203; published Aug. 7, 1923.

Preparation for the treatment of catarrh. N. Lemoine. 175,898; Nov. 13; Serial No. 176,084; published Aug. 14, 1923.

Preparation for the treatment of corns. M. T. Perrotti. 177,168; Dec. 11; Serial No. 181,216; published Sept. 18, 1923.

Preparation for the treatment of coughs and colds. Cough King Co. 167,740; May 8; Serial No. 168,958; published Jan. 2, 1923.

Preparation for the treatment of cuts, cracks and abrasions of the skin. H. & S. Products Co. 174,043; Oct. 2; Serial No. 177,487; published July 10, 1923.

Preparation for the treatment of dandruff, falling hair, etc. J. P. Isterling. 176,790; Nov. 27.

Preparation for the treatment of digestive disorders. Pepsin Syrup Co. 177,631; Dec. 25; Serial No. 184,148; published Oct. 23, 1923.

Preparation for the treatment of diseases of the blood, stomach, etc. Fayssoux-Brown Remedy Company. 167,482; May 1; Serial No. 161,682; published Jan. 2, 1923.

Preparation for the treatment of goiter. R. G. Kett. 167,453; May 1; Serial No. 162,116; published Jan. 9, 1923.

Preparation for the treatment of goiters. J. H. McGugan. 176,923; Dec. 4.

Preparation for the treatment of headache, neuralgia, colds, grippe, and rheumatism. G. S. Smith 169,117; June 5.

Classified list of trade-marks registered—Continued.

Preparation for the treatment of headache, neuralgia, nervousness, etc. Key Chemical Co. 165,679; Mar. 20; Serial No. 166,375; published Dec. 12, 1922.
Preparation for the treatment of headache, neuralgia, neuritis, cold, etc. Gilbert Bros. & Co. 174,341; published Mar. 28. 1922.
Preparation for the treatment of impure blood, Liquid. M. E. Bozeman. 173,013; Sept. 11; Serial No. 173,871; published June 5, 1923.
Preparation for the treatment of inflamed eyes. T. W. Stemmler. 172,558; Sept. 11; Serial No. 171,576; published Apr. 17, 1923.
Preparation for the treatment of itching and diseased scalps, etc. H. R. Lovell & Co. 176,167; Nov. 20; Serial No. 177,308; published Aug. 14, 1923.
Preparation for the treatment of kidney, bladder, and rheumatism troubles. Inabine Company. 177,724; Dec. 25; Serial No. 177,001; published Oct. 9, 1923.
Preparation for the treatment of necro-baccillosis, green scours, or bowel trouble in swine, etc. E. B. Fenton. 167,841; May 8; Serial No. 168,840; published Feb. 13, 1923.
Preparation for the treatment of piles. C. F. Futrell. 174,066; Oct. 2; Serial No. 178,500; published July 10, 1923.
Preparation for the treatment of piles. McFarland and Company. 164,789; Feb. 27.
Preparation for the treatment of piles. M. M. Winchell Co. 175,643; Nov. 6; Serial No. 180,093; published Aug. 28, 1923.
Preparation for the treatment of piles. L. Wodicska. 171,093; July 31; Serial No. 173,616; published May 8, 1923.
Preparation for the treatment of piles, Medicinal. N. Lemoine. 175,897; Nov. 13; Serial No. 176,083; published Aug. 14, 1923.
Preparation for the treatment of pneumonia. E. A. Morgan. 170,398; July 17; Serial No. 171,507; published Apr. 10, 1923.
Preparation for the treatment of rheumatism. Vesuvius Drug Co. 168,024; May 8.
Preparation for the treatment of rheumatism, kidney and bladder trouble, etc. H. H. Shields. 168,056; May 15; Serial No. 170,259; published Feb. 20, 1923.
Preparation for the treatment of rheumatism, Liquid. F. Burnes. 172,663; Sept. 11; Serial No. 174,426; published May 8, 1923.
Preparation for the treatment of rheumatism, neuritis, gout, etc. Vita-Sulphur Company. 174,047; Oct. 2; Serial No. 177,639; published July 10, 1923.
Preparation for the treatment of rheumatism, paralysis, pneumonia, etc. Paxtonic Blood Food Co. 169,621;
Preparation for the treatment of syphilis. American European Service Bureau. 176,095; Nov. 13.
Preparation for the treatment of syphilis. G. Fermé. 177,750; Dec. 25; Serial No. 179,464; published Oct. 9, 1923.
Preparation for the treatment of tonsillitis, colds, etc., Liquid. K. G. W. Laboratories. 165,587; Mar. 13; Serial No. 167,048; published Jan. 2, 1923.
Preparation for the treatment of tonsillitis, hoarseness, etc. J. J. Bariscillo. 172,892; Sept. 11; Serial No. 175,641; published May 15, 1923.
Preparation for the treatment of tuberculosis. J. Tramsak. 174,522; Oct. 16; Serial No. 177,026; published July 24, 1923.
Preparation for the treatment of uric-acid complaints. Physikurate Limited. 165,436; Mar. 13; Serial No. 165,712; published Jan. 2, 1923.
June 26; Serial No. 172,760; published Mar. 6, 1923.
Preparation for the treatment of the eyes. L. A. Stinson. 169,854; July 3; Serial No. 172,243; published Mar. 6, 1923.
Preparation for the treatment of the scalp. Jules Ferond Co. 176,156; Nov. 20; Serial No. 169,581; published Aug. 14, 1923.
Preparation for the treatment of the skin, Chemical. William P. Kahn Corp. 175,570; Nov. 6; Serial No. 180,980; published Aug. 21, 1923.
Preparation for treating diseases of the mucous membranes. Dr. J. S. Cater. 176,380; Nov. 27; Serial No. 177,593; published Aug. 7, 1923.
Preparation for treating scalp diseases and stimulating the growth of hair. J. P. Spake. 167,458; May 1; Serial No. 167,585; published Jan. 9, 1923.
Preparation for treating the eyebrows and eyelashes. Ross Company. 173,052; Sept. 11; Serial No. 176,764; published June 12, 1923.
Preparation for treatment of cholelithiasis and allied conditions. Parke, Davis & Company. 172,229; Aug. 28; Serial No. 174,634; published May 1, 1923.
Preparation for treatment of consumption, etc. J. Livingston. 173,579; Sept. 25.
Preparation for treatment of dandruff, etc. A. R. Meller. 169,768; July 3; Serial No. 169,253; published Mar. 13, 1923.
Preparation for treatment of eyelashes. Jean Jordeau, Inc. 171,952; Aug. 14.
Preparation for treatment of fever, polyarthritis, etc. Farbwerke vorm. Meister Lucius & Bruning. 173,862; Oct. 2; Serial No. 175,078; published July 3, 1923.
Preparation for treatment of fistula. Keetle and Keetle. 175,641; Nov. 6; Serial No. 179,604; published Aug. 14, 1923.
Preparation for treatment of indigestion. M. V. Jones. 164,488; Feb. 20.
Preparation for treatment of influenza. J. G. Mills. 176,294; Nov. 20; Serial No. 180,339; published Aug. 14, 1923.
Preparation for treatment of kidney and blood diseases. Festina Bros. 175,619; Nov. 6; Serial No. 180,796; published Aug. 14, 1923.
Preparation for treatment of liver complaint. D. Weill. 164,451; Feb. 20.
Preparation for treatment of malaria, chills, fever, indigestion, etc. McCormick Bros. Drug Co. 166,268; Mar. 27; Serial No. 166,840; published Nov. 28, 1922.
Preparation for treatment of piles, eczema, etc. S. L. Gravin. 175,712; Nov. 6.
Preparation for treatment of rheumatism and lumbago, and ointment for treatment of eruptions of the skin, etc. J. E. Solt. 165,730; Mar. 20; Serial No. 169,188; published Nov. 28, 1922.
Preparation for treatment of Riggs' disease, pyorrhea, etc. Heroic Gum Remedy Company. 169,795; July 3; Serial No. 169,246; published Mar. 20, 1923.
Preparation for treatment of the scalp. Bloch Chemical Company. 163,281; Jan. 9.
Preparation for use as blood regeneration, etc., Neutral iron. A/S Ferrosan. 170,074; July 10; Serial No. 166,216; published Mar. 20, 1923.
Preparation for use in internal inflammation. E. W. Knowlton. 167,365; May 1; Serial No. 169,977; published Jan. 23, 1923.
Preparation for use in removing discoloration from the teeth. J. H. Foote. 173,404; Sept. 25; Serial No. 175,856; published June 26, 1923.
Preparation for use in the treatment of eczema. R. C. Garrett. 172,560; Sept. 11; Serial No. 171,268; published May 22, 1923.
Preparation for use in the treatment of hog cholera, and a vermifuge preparation. J. M. Bowman. 174,642; Oct. 23; Serial No. 181,172; published July 31, 1923.
Preparation for use in the treatment of the hair. H. L. Holt. 169,679; June 26; Serial No. 173,285; published Mar. 27, 1923.
Preparation for use in the treatment of tuberculosis, asthma, etc. J. D. McCandless. 175,614; Nov. 6; Serial No. 180,873; published Aug. 14, 1923.
Preparation for use in treating tonsillitis, sore throat, and for a laxative. R. B. Smith. 177,323; Dec. 18; Serial No. 179,334; published Sept. 25, 1923.
Preparation for use in treatment of chicken cholera. H. Wilson. 164,490; Feb. 20.
Preparation for use on the skin to keep the mosquitoes away, Liquid. Baltic Chemical Co. 167,426; May 1; Serial No. 165,341; published Jan. 30, 1923.
Preparation, Infants' colic. E. B. Johnston. 167,392; May 1; Serial No. 164,168; published Jan. 2, 1923.
Preparation of acid reaction for preventing rust. American Chemical Paint Company. 170,006; July 10; Serial No. 156,955; published Apr. 3, 1923.
Preparation of iron. Firm of E. Merck. 23,530–1; renewed Aug. 22, 1923.
Preparation to prevent annoyance by flies and vermin of live stock, Liquid. Fly-Hike Company. 173,107; Sept. 18; Serial No. 176,959; published June 12, 1923.
Preparation used as a diuretic. Merck & Co. 165,993; Mar. 27; Serial No. 166,464; published Nov. 28, 1922.
Preparation used as an antispasmodic. Merck & Co. 165,023; Feb. 27.
Preparation used as an antispasmodic. Merck & Co. 167,625; May 1; Serial No. 167,684; published Dec. 26, 1922.
Preparation used for intensifying gasoline and as a carbon preventive. L. M. Knapp. 165,493; Mar. 13; Serial No. 166,185; published Dec. 5, 1922.
Preparation used for the destruction and eradication of lice, insects, and other vermin. J. F. Gallagher. 176,234; Nov. 20; Serial No. 158,169; published Aug. 7, 1923.
Preparation used in the treatment of general debility, lost vitality, etc. Standard Drug Company. 174,037; Oct. 2; Serial No. 176,290; published June 19, 1923.
Preparation used in the treatment of goiter and as a prophylactic. Merck & Co. 176,297; Nov. 20; Serial No. 180,076; published Aug. 14, 1923.
Preparation used in the treatment of hay fever. M. Joo. 164,173; Feb. 13.
Preparation used in the treatment of intestinal pains and disorders. Thorn & Company. 164,678; Feb. 27.
Preparation used in the treatment of kidney and bladder diseases, etc. Standard Drug Company. 173,470; Sept. 25; Serial No. 176,289; published June 19, 1923.
Preparations and tonic medicines. Charles H. Phillips Chemical Co. 176,216; Nov. 20; Serial No. 178,463; published Sept. 11, 1923.
Preparations and tonic medicines. Charles H. Phillips Chemical Co. 176,217; Nov. 20; Serial No. 178,466; published Sept. 11, 1923.

Preparations for destroying weeds, sprays for plants, shrubs, and trees, Bordeaux mixture, etc. James Good, Inc. 169,685; June 26; Serial No. 166,740; published Mar. 20, 1923.

Preparations for making blood test, Chemical. A. M. Roman. 167,370; May 1; Serial No. 168,803; published Feb. 13, 1923.

Preparations for protecting animal substances against chemicals. Actien-Gesellschaft für Anilin-Fabrikation. 169,799; July 3; Serial No. 170,232; published Mar. 27, 1923.

Preparations for pyorrhea. J. C. Clark. 167,633; May 1; Serial No. 166,648; published Dec. 26, 1922.

Preparations for rejuvenating the hair, destroying dandruff, etc. C. C. Wiegand. 167,296; Apr. 24.

Preparations for straightening the hair. L. A. Fitzpatrick. 175,633; Nov. 6; Serial No. 179,932; published Aug. 21, 1923.

Preparations for the extirpation and killing of vermin, plant pests, and weeds, disinfectants, etc., Chemical. Chemische Werke vorm. H. & E. Albert. 163,204; Jan. 2.

Preparations for the treatment of eczema and other skin diseases, burns, scalds, etc. J. T. Bramblett. 175,044: Oct. 30; Serial No. 178,326; published Aug. 7, 1923.

Preparations for the treatment of pyorrhea. Pyro-Form Laboratories. 167,842; May 8; Serial No. 169,083; published Feb. 13, 1923.

Preparations for the treatment of the blood, gout, boils, etc. S. B. Leonardi & Co. 167,404; May 1; Serial No. 165,591; published Dec. 26, 1922.

Preparations for the treatment of the feet. Aetna Products Company. 166,228; Mar. 27; Serial No. 165,052; published Oct. 10, 1922.

Preparations for the treatment of tuberculosis. Societe Des Produits Chimiques de L'Isle Saint-Denis. 168,169; May 15; Serial No. 166,579; published Feb. 13, 1923.

Preparations for treatment of constipation and its symptoms. Gotham Corporation. 174,355; Oct. 16; Serial No. 177,040; published July 10, 1923.

Preparations for treatment of la grippe, influenza, coughs, colds, etc. Sydney Ross Co. 168,053; May 15; Serial No. 169,985; published Feb. 6, 1923.

Preparations, Insect-destroying. J. Hertz. 177,233; Dec. 11; Serial No. 181,596; published Sept. 18, 1923.

Preparations, Laxatives and corrective. Gotham Corporation. 172,521; Sept. 4; Serial No. 173,928; published Apr. 17, 1923.

Preparations used as hypnotics. Merck & Co. 167,566; May 1; Serial No. 167,685; published Jan. 9, 1923.

Preservatives. K. Offer. 164,432; Feb. 20.

Prophylactics for the prevention of sexual diseases. Retailers' Manufacturing Corporation. 170,427; July 17; Serial No. 172,014; published Apr. 10, 1923.

Proteins, pollens, urease, etc. Arlington Chemical Company. 172,546; Sept. 4; Serial 173,587; published May 8, 1923.

Purgative tea. A. W. Niedzielski. 177,049; Dec. 11; Serial No. 180,384; published Sept. 18, 1923.

Purgatives or laxative tablets. Sydney Ross Co. 167,739; May 8; Serial No. 168,903; published Jan. 2, 1923.

Pyorrhea remedy. Daugherty & Jackson. 170,012; July 10; Serial No. 172,666; published Apr. 3, 1923.

Quinine and bismuth, Double iodide of. Etablissements Poulenc Frères. 173,449; Sept. 25; Serial No. 173,748; published June 26, 1923.

Radiator cement. A. D. Starr. 168,436; May 22; Serial No. 171,044; published Feb. 20, 1923.

Radiator-sealing compound. W. S. Taylor. 164,127; Feb. 13.

Radioactive articles to be used for the treatment of arthritis, neuritis, etc. C. Dickens. 165,580; Mar. 13; Serial No. 162,614; published Dec. 12, 1922.

Radioactive reconstituent. A. Gazzoni & C. Il Gerente. 174,009; Oct. 2; Serial No. 173,385; published July 17, 1923.

Rat exterminator. F. E. Lagerholm. 177,738; Dec. 25; Serial No. 163,586; published Oct. 9, 1923.

Relief for burns, cuts, skin diseases, catarrh, etc. Dr. B. F. Newton. 167,556; May 1; Serial No. 165,457; published Dec. 26, 1922.

Remedies, Certain named. J. F. O'Hern. 24,726; renewed May 15, 1924.

Remedies, Chicken. W. R. Bailey. 165,579; Mar. 13; Serial No. 162,604; published Dec. 12, 1922.

Remedies for cancerous diseases. The Firm of E. Merck. 22,375; renewed Jan. 24, 1923.

Remedies for cancerous diseases. Firm of E. Merck. 23,537; renewed Aug. 22, 1923.

Remedies for certain named diseases, External and internal. C. I. Hood. 23,231; renewed July 11, 1923.

Remedies for coughs, colds, constipation, rheumatism, etc. F. M. Mares. 164,339; Feb. 20.

Remedies for diarrhea and gouty rheumatism. Chemische Fabrik, vormals Hofmann & Schoentensack. 23,927; renewed Dec. 19, 1923.

Remedies for diseases of the stomach and bowels. Sultan Drug Company. 24,320; renewed Mar. 6, 1924.

Remedies for gonorrhea. A. L. Curtis. 177,357; Dec. 18; Serial No. 181,981; published Sept. 25, 1923.

Remedies for hemorrhoids and piles. D. Theodorou. 173,524; Sept. 24.

Remedies for rheumatism, gout, neuralgia, sciatica, and kindred ailments. Butler & Clarridge. 23,797; renewed Nov. 7, 1923.

Remedies for skin diseases, External. Amore Drug & Chemical Company. 172,875; Sept. 11; Serial No. 175,977; published May 29, 1923.

Remedies for tobacco habit, etc. H. J. Brown Medicine Company. 173,123; Sept. 18; Serial No. 160,332; published June 12, 1923.

Remedies for whooping cough and asthmatic diseases. Firm of E. Merck. 23,536; renewed Aug. 22, 1923.

Remedies, Therapeutic. Chemische Fabric auf Actien, vormals E. Schering. 23,533; renewed Aug. 22, 1923.

Remedy against foot-and-mouth diseases (murrain). Naamlooze Vennootschap Chemische Fabriek "Vanor." 163,135; Jan. 2.

Remedy and insecticide, Abortion. Erick Bowman Remedy Company. 177,268; Dec. 11; Serial No. 166,126; published Sept. 18, 1923.

Remedy, Anticholera and tonic. M. B. Scala. 23,850; renewed Nov. 21, 1923.

Remedy, Anticholera and tonic. M. B. Scala. 23,898–9; renewed Dec. 5, 1923.

Remedy, Antiseptic. E. E. Buchanan, jr. 173,085; Sept. 11.

Remedy, Antispasmodic. La Societe Comar & Cie. 165,499; Mar. 13; Serial No. 166,005; published Nov. 7, 1922.

Remedy, Dandruff. J. E. Curran Corporation. 165,815; Mar. 20; Serial No. 165,985; published Jan. 2, 1923.

Remedy employed in the treatment of catarrh, tonsillitis, etc. Pa-Tro Company. 165,712; Mar. 20; Serial No. 168,276; published Dec. 12, 1922.

Remedy for chickens, Sorehead. T. J. Knight. 172,687; Sept. 11; Serial No. 158,875; published May 8, 1923.

Remedy for chlorosis, malnutrition, anæmia, etc. M. J. Breitenbach Company. 168,593; May 29; Serial No. 164,580; published Feb. 13, 1923.

Remedy for cold in head, grippe, influenza, etc. G. H. Hyland. 172,576; Sept. 11; Serial No. 172,595; published May 29, 1923.

Remedy for constipation. Deshell Laboratories Inc. 165,616; Mar. 13; Serial No. 167,296; published Dec. 12, 1922.

Remedy for constipation and headaches. Reese Chemical Company. 166,175; Mar. 27; Serial No. 166,470; published Nov. 28, 1922.

Remedy for corns and bunions. N. Schlosinger. 167,630; May 1; Serial No. 166,854; published Jan. 2, 1923.

Remedy for corns, calli, and warts. S. Holzman. 170,259; July 10; Serial No. 170,818; published Apr. 3, 1923.

Remedy for dandruff. Keller-Snelson Co. 165,846; Mar. 20; Serial No. 168,265; published Jan. 2, 1923.

Remedy for diabetes. J. E. Stroschein. 23,493; renewed Aug. 15, 1923.

Remedy for diseases in poultry. Thos. Southard Poultry Supply Co. 169,980; July 10; Serial No. 167,337; published Apr. 10, 1923.

Remedy for disorders of the stomach and liver. Gattis Chemical Co. 163,072; Jan. 2.

Remedy for disorders of the stomach and liver. Gattis Chemical Co. 164,316; Feb. 20.

Remedy for expectant mothers, Herbal. H. M. Macdonald. 173,164; Sept. 18; Serial No. 157,492; published June 19, 1923.

Remedy for eye troubles. A. P. Roth, M. E. and M. C. Van Harlingen. 23,174; renewed June 6, 1923.

Remedy for headache and neuralgia. Reese Chemical Company. 174,114; Oct. 2; Serial No. 139,754; published Nov. 8, 1921.

Remedy for indigestion. H. O. Hyatt. 23,398; renewed July 25, 1923.

Remedy for indigestion. Tracy Company. 169,115; June 5.

Remedy for indigestion and dyspepsia. M. Herndon. 173,610; Oct. 2; Serial No. 158,312; published July 11, 1922.

Remedy for indigestion, gas, nausea, etc. Genuine Remedies Company. 165,840; Mar. 20; Serial No. 169,708; published Jan. 2, 1923.

Remedy for mixed infection, swine plague, or flu, Hog. W. P. Van Gilder and S. E. Ward. 168,620; May 29; Serial No. 167,495; published Feb. 13, 1923.

Remedy for nervous disorders. W. H. Gannett. 21,583; renewed Aug. 9, 1922.

Remedy for neuralgia. E. B. White. 22,648; renewed Mar. 14, 1923.

Remedy for piles. J. Cunningham. 164,457; Feb. 20.

Remedy for piles, colds in the chest, etc. S. Y. C. O. Co. 177,317; Dec. 18; Serial No. 180,241; published Sept. 25, 1923.

Remedy for seasickness, Medicinal. W. Jones & Co. 168,724; May 29; Serial No. 171,804; published Feb. 20, 1923.

Remedy for tender sweaty feet, perspiration odors, etc. Turlington Chemical Company. 163,406; Jan. 9.

Remedy for the relief of coughs, colds, etc. Bristol-Myers Company. 167,744; May 8; Serial No. 169,526; published Jan. 9, 1923.

Remedy for the treatment of goiter. Reese Chemical Company. 174,401; Oct. 16; Serial No. 178,359; published July 17, 1923.

Classified list of trade-marks registered—Continued.

Remedy for toothache and neuralgia and preparation for removing corns. L. Schulze. 174,867; Oct. 23; Serial No. 180,392; published July 31, 1923.
Remedy for use in treatment of rheumatism, gout, neuralgia. T. Seltzer. 163,167; Jan. 2.
Remedy for worms in dogs. Willows, Francis, Butler & Thompson, Limited. 172,594; Sept. 11; Serial No. 167,113; published May 29, 1923.
Remedy, Hay and rose fever. H. D. Ingle. 166,047; Mar. 27; Serial No. 168,891; published Nov. 28, 1922.
Remedy, Hoof-rot. A. A. Brockett. 165,554; Mar. 13; Serial No. 152,831; published Jan. 2, 1923.
Remedy, Laxative cough and cold. H. G. Seyfarth. 165,490; Mar. 13; Serial No. 166,204; published Dec. 12, 1922.
Remedy, Pile. H. A. Pond. 176,992; Dec. 11; Serial No. 179,425; published Sept. 18, 1923.
Remedy, Pile. Sit-Rit Laboratories. 164,676; Feb. 27.
Remedy, Prophylactic. Reese Chemical Co. 170,127; July 10; Serial No. 155,122; published Apr. 10, 1923.
Remedy, Sore-throat. J. Holland. 176,293; Nov. 20; Serial No. 179,407; published Aug. 14, 1923.
Remedy to assuage inflammation. B. O. & G. C. Wilson, Inc. 165,707; Mar. 20; Serial No. 168,397; published Dec. 26, 1922.
Remedy to be used as a sedative or hypnotic. Farbenfabriken vorm. Friedr. Bayer & Co. 172,744; Sept. 11; Serial No. 167,976; published Dec. 26, 1922.
Remedy to prevent hemorrhages. D. C. Smith. 175,656; Nov. 6; Serial No. 181,417; published Aug. 28, 1923.
Remedy used for the treatment of distemper in dogs. Dr. W. D. Jensen. 169,986; July 10; Serial No. 167,943; published Apr. 10, 1923.
Remedy, Veterinary. H. C. Babbitt. 168,064; May 15; Serial No. 171,347; published Feb. 20, 1923.
Roach-destroying composition. W. Schilplin. 174,051; Oct. 2; Serial No. 177,697; published July 10, 1923.
Roach-exterminating poison. W. S. Patjens. 175,622; Nov. 6; Serial No. 180,773; published Aug. 28, 1923.
Roach exterminators. H. Van Gelderen. 165,715; Mar. 20; Serial No. 166,335; published Dec. 5, 1922.
Rodents and vermin, Preparation for exterminating. T. Meyer. 169,896; July 3; Serial No. 171,735; published Mar. 20, 1923.
Rodents, Preparation for exterminating. T. Meyer. 169,600–1; June 26; Serial Nos. 171,739–40; published Mar. 20, 1923.
Rouge. A. H. Arlt. 177,747; Dec. 25; Serial No. 179,512; published Oct. 9, 1923.
Rouge. E. Burnham, Inc. 166,177; Mar. 27; Serial No. 166,495; published Dec. 5, 1922.
Rouge. Colgate & Company. 172,667; Sept. 11; Serial No. 174,290; published May 29, 1923.
Rouge. Richard Hudnut. 171,911; Aug. 14.
Rouge. Remiller Co. 175,645; Nov. 6; Serial No. 180,723; published Aug. 28, 1923.
Rouge. Ross Company. 174,035; Oct. 2; Serial No. 176,763; published June 19, 1923.
Rouge and face powder. Marinello Company. 176,383; Nov. 27; Serial No. 177,187; published July 31, 1923.
Rouge and face powder. V. Vivaudou, Inc. 163,200; Jan. 2.
Rouge and face powder. V. Vivaudou, Inc. 167,550; May 1; Serial No. 170,229; published Jan. 30, 1923.
Rouge and powder. F. N. Lewis. 168,500; May 22.
Rouge and powder. F. N. Lewis. 172,732; Sept. 11; Serial No. 174,469; published May 22, 1923.
Rouge, Face. C. L. Forgey. 167,419; May 1; Serial No. 169,631; published Jan. 9, 1923.
Rouge, Face. Remiller Co. 163,157; Jan. 2.
Rouge or powder. F. N. Lewis. 172,840; Sept. 11; Serial No. 177,856; published June 5, 1923.
Rouge, powder, and rouge compacts, brilliantines, etc. Louis Philippe, Inc. 173,323; Sept. 25; Serial No. 173,105; published June 26, 1923.
Rouges and lip sticks. Gordon Gordon. 170,991; July 24.
Rubber and manufactured rubber, Chemical preservative compound for treating. Rubber Process Corporation. 164,505; Feb. 20.
Rubber articles, Accelerators, fillers, pigments, etc., used in the compounding of. Rubber Service Laboratories Company. 169,902; July 3; Serial No. 171,469; published Feb. 27, 1923.
Rubber articles, Compound used in the curing of. Rubber Service Laboratories Company. 174,774; Oct. 23; Serial No. 171,470; published Aug. 7, 1923.
Rubber, Chemical composition to assist vulcanizing of. Vul Ko Cene Co. 168,808; May 29; Serial No. 169,940; published Feb. 13, 1923.
Rubber-compounding sulphur. Stauffer Chemical Company. 176,372–3; Nov. 20.
Rubber Manufacturing, Dry-color for use in. Ault & Wiborg Co. 170,079; July 10; Serial No. 167,285; published Apr. 3, 1923.
Rust and other spots from fabrics, Chemical compound for removing. Charles McAdam Co. 163,114; Jan. 2.
Rust remover and pickling compound for metals. Peter A. Frasse & Co. 177,179; Dec. 11; Serial No. 180,853; published Sept. 11, 1923.
Rust remover and preventive. W. Wandel Mfg Co. 176,986; Dec. 11; Serial No. 179,573; published Sept. 11, 1923.
Rust removers, rouge, etc. J. E. Smith. 177,676; Dec. 25; Serial No. 175,528; published Oct. 9, 1923.
Rust solvent. H. G. Wasson. 163,201; Jan. 2.
Rust-solvent preparations. Halstead Specialties Company. 167,372; May 1; Serial No. 168,149; published Jan. 23, 1923.
Sal soda, baking soda, water softeners, and borax. Detroit Soda Products Company. 165,787; Mar. 20; Serial No. 164,402; published Oct. 31, 1922.
Saline cathartic. R. J. Strasenburgh Company. 176,411; Nov. 27; Serial No. 178,641; published July 31, 1923.
Salt. Bevis Rock Salt Co. 173,999–174,001; Oct. 2; Serial Nos. 176,109–11; published July 17, 1923.
Salt. Capell Salt Company. 168,014; May 8.
Salt. Capell Salt Company. 173,201; Sept. 18; Serial No. 172,974; published June 26, 1923.
Salt. Carey Salt Company. 163,674; Jan. 23.
Salt. Carey Salt Co. 173,541; Sept. 25.
Salt. Crystaline Salt Co. 24,007; renewed Jan. 9, 1924.
Salt. Independent Salt Co. 167,318; Apr. 24.
Salt. Inland-Delray Salt Co. 173,088; Sept. 11.
Salt. Myles Salt Co. 163,134; Jan. 2.
Salt. Remington Salt Company. 165,491; Mar. 13; Serial No. 166,203; published Nov. 7, 1922.
Salt. Remington Salt Company. 175,676; Nov. 6.
Salt compound, Granulated effervescent. Physio-Chemical Laboratories. 166,988; Apr. 17.
Salt, Culinary. E. Feuillie. 172,543; Sept. 4; Serial No. 173,824; published May 15, 1923.
Salt, Dry chemical mixture or effervescent. Abbey Effervescent Salt Company. 167,597; May 1; Serial No. 169,695; published Feb. 6, 1923.
Salt, Effervescent. Upjohn Company. 161,195; Jan. 2.
Salt for curing meat. B. Mayer. 175,500; Nov. 6; Serial No. 177,014; published Aug. 28, 1923.
Salt for meat curing and general use, Medium. Carey Salt Company. 167,399; May 1; Serial No. 166,653; published Jan. 2, 1923.
Salt, Table. Carey Salt Co. 166,986; Mar. 20; Serial No. 166,986; published Dec. 12, 1922.
Salt, Table. Haas, Baruch & Co. 177,228; Dec. 11; Serial No. 181,745; published Sept. 18, 1923.
Salt, Table. Inland Crystal Salt Company of Utah. 167,321; Apr. 24.
Salt, Table. International Salt Company. 177,354; Dec. 18; Serial No. 181,948; published Sept. 25, 1923.
Salt, Table. International Salt Company. 177,361; Dec. 18; Serial No. 181,947; published Sept. 25, 1923.
Salt, Table. G. M. Sultenfuss. 173,546; Sept. 25.
Salt, Table. Worcester Salt Company. 167,638; May 1; Serial No. 166,615; published Dec. 26, 1922.
Salts, Alkaline. Abel-Jensen Laboratories. 170,815; July 24; Serial No. 171,884; published Apr. 24, 1923.
Salts, Bath. City of Paris Dry Goods Company. 176,190; Nov. 2; Serial No. 175,917; published July 31, 1923.
Salts, bicarbonate of soda, boric acid, borax, etc., Epsom. Fabyan & Company. 167,496; May 1; Serial No. 166,363; published Jan. 9, 1923.
Salts, cream tartar, spirits of camphor, etc., Epsom. Worden Grocer Company. 168,346; May 22; Serial No. 145,375; published Feb. 20, 1923.
Salts, Diluted Epsom. K. L. M. Company. 170,984; July 24.
Salts for metal heat-treating baths. Bellis Heat Treating Company. 168,842; May 29; Serial No. 170,749; published Feb. 13, 1923.
Salts, Physiological nutritive. J. F. Beerli. 175,493; Nov. 6; Serial No. 177,894; published July 17, 1923.
Salve. A. J. Baur. 174,544; Oct. 16.
Salve. F. Galla. 165,503; Mar. 13; Serial No. 166,070; published Nov. 7, 1922.
Salve. H. Harris. 165,512; Mar. 13; Serial No. 164,704; published Dec. 12, 1922.
Salve. S. W. Hill and Sons. 177,171; Dec. 11; Serial No. 181,119; published Sept. 18, 1923.
Salve. Turner and Williams. 166,225; Mar. 27; Serial No. 165,044; published Nov. 28, 1922.
Salve. B. Walther. 171,948; Aug. 14.
Salve and cough drops. O. V. Gallagher. 170,075; July 10; Serial No. 166,227; published Mar. 27, 1923.
Salve and lotion for hair, also a coconut-oil shampoo. F. Fasani. 164,165; Feb. 13.
Salve, Antiseptic. E. E. Buchanan, jr. 174,545; Oct. 16.
Salve, Antiseptic. W. M. Gower. 164,338; Feb. 20.
Salve, Cancer. Harry E. Ritter and Mary V. Gordon. 174,357; Oct. 16; Serial No. 176,917; published July 10, 1923.
Salve, Corn. M. Brandes. 175,496; Nov. 6; Serial No. 177,768; published Aug. 21, 1923.
Salve, Corn. Rodenbaugh & Strasser. 164,452; Feb. 20.
Salve, Corn. M. L. Wilson. 169,972; July 10; Serial No. 165,251; published Apr. 10, 1923.
Salve, Corn. M. M. Winchell Co. 177,057; Dec. 11; Serial No. 180,092; published Sept. 11, 1923.
Salve, Corn. A. Wolfe. 175,502; Nov. 6; Serial No. 176,866; published Aug. 21, 1923.
Salve for all swelling and cancer, Healing. S. Abels. 167,596; May 1; Serial No. 169,696; published Jan. 9, 1923.
Salve for blood poison and a healing salve. R. Rogerson. 165,739; Mar. 20; Serial No. 169,649; published Jan. 2, 1923.

Salve for burns, open sores, etc. J. Spolar. 165,717; Mar. 20. Serial No. 166,320; published Dec. 5, 1922.
Salve for burns, scalds, and sunburn. R. Gabbola. 167,559; May 1; Serial No. 165,284; published Jan. 2, 1923.
Salve for burns, wounds, etc. A. J. Krank Mfg. Co. 170,417; July 17; Serial No. 173,050; published Apr. 10, 1923.
Salve for eczema, etc. Hergy Company. 172,964; Sept. 11; Serial No. 175,082; published June 5, 1923.
Salve for eczema, salt rheum, acne, etc. J. A. Bond. 174,109; Oct. 2; Serial No. 171,061; published July 10, 1923.
Salve for external use and face cream. Western Wholesale Drug Co. 167,669; May 8; Serial No. 171,971; published Feb. 20, 1923.
Salve for piles. R. B. Heed. 168,697; May 29; Serial No. 169,810; published Feb. 13, 1923.
Salve for piles, burns, and open sores. I. Rochon. 173,225; Sept. 18; Serial No. 173,725; published June 26, 1923.
Salve for sore and calloused feet, Healing. A. Michel. 170,189; July 10; Serial No. 173,521; published Apr. 3, 1923.
Salve for the amelioration of soreness in fatigued human pedal extremities. International Consolidated Chemical Corporation. 168,170; May 15; Serial No. 166,599; published Feb. 13, 1923.
Salve for the treatment of catarrh, sore throat, etc. H. E. Capdau. 170,165; July 10; Serial No. 169,888; published Apr. 3, 1923.
Salve for the treatment of cuts, bruises, etc. C. F. Wilson. 165,530; Mar. 13; Serial No. 158,068; published Jan. 2, 1923.
Salve for the treatment of pneumonia, influenza, etc. H. F. Dickson. 172,972; Sept. 11; Serial No. 174,768; published June 5, 1923.
Salve for treating sore throat, croup, etc. Brooks Chemical Co. 174,029; Oct. 2; Serial No. 176,599; published June 19, 1923.
Salve, Hair. L. Levy. 163,112; Jan. 2.
Salve, Healing. J. Féraut. 160,603; June 26; Serial No. 171,828; published Mar. 20, 1923.
Salve, Healing. G. J. Grohs. 163,079; Jan. 2.
Salve, liniment, for sprains, etc., and skin ointment, Cold. F. S. Gober. 164,878; Feb. 27.
Salve, ointment, and liniment. J. D. King, sr. 167,940; May 8; Serial No. 171,928; published Feb. 20, 1923.
Salve or balm for an ointment of the feet. M. A. Wanderly. 165,479; Mar. 13; Serial No. 168.085; published Dec. 12, 1922.
Salve or cream for reduction of adipose tissue. H. Oppenheimer. 167,836; May 8; Serial No. 169,495; published Feb. 13, 1923.
Salve or ointments and oils as remedial agents. E. B. Knight. 168,434; May 22; Serial No. 171,176; published Feb. 20, 1923.
Salve or skin balm which is an antiseptic dressing. T. H. Adams. 167,471; May 1; Serial No. 166,970; published Jan. 23, 1923.
Salve, Pile. J. Gamble. 164,455; Feb. 20.
Salve remedy. J. Margus. 164,627; Feb. 20.
Salve used in the treatment of corns. W. A. Hammons. 165,610; Mar. 13; Serial No. 167,131; published Dec. 12. 1922.
Salves. A. Zielinski. 173,483; Sept. 25; Serial No. 175,905; published June 19, 1923.
Salves and ointments. G. G. Bowlus. 165,701; Mar. 20; Serial No. 163,252; published Nov. 7, 1922.
Salves and ointments. C. P. Dixon. 172,683; Sept. 11; Serial No. 162,613; published May 29, 1923.
Salves and ointments for boils, carbuncles, etc. NoLance Chemical Company. 172,704; Sept. 11; Serial No. 175,729; published May 29, 1923.
Salves and pills for piles. A. K. Condrajian. 176,289; Nov. 20; Serial No. 180,328; published Aug. 28, 1923.
Salves, Corn. A. Legendy. 176,944; Dec. 4.
Salves, pills, vermifuge, liniment, and cough balm. A. H. Gottschall. 22,471; renewed Feb. 14, 1923.
Salves, washes, and ointments. A. A. Gasaway. 170,167; July 10; Serial No. 170,062; published Mar. 20, 1923.
Sand, Medically-treated insoluble. Pep Sand Company. 163,149; Jan. 2.
Saporific. Merck & Co. 173,892; Oct. 2; Serial No. 177,312; published July 10, 1923.
Sarsaparilla, Compound of. C. I. Hood. 23,353; renewed July 11, 1923.
Scalp and hair tonic. J. M. Proctor. 166,105; Mar. 27; Serial No. 165,033; published Oct. 10, 1922.
Scalp cleanser, Germicide. G. D. Tietjen. 169,764; July 3; Serial No. 169,459; published Mar. 6, 1923.
Scalp cream, Antiseptic. Morse & Co. 173,542; Sept. 25.
Scouring compound, Steam laundry. P. L. Mabrey. 176,792; Nov. 27.
Serum, hog-cholera virus, mixed infection bacterin for swine, etc., Clear refined anti-hog-cholera. Globe Laboratories. 172,680; Sept. 11; Serial No. 163,752; published May 29, 1923.
Shampoo. J. Abrams. 177,760; Dec. 25; Serial No. 178,368; published Oct. 9, 1923.
Shampoo. Concentrated Products Corporation. 170,412; July 17; Serial No. 173,323; published Apr. 10, 1923.
Shampoo. Graham Bros. Soap Company. 172,726–7; Sept. 11; Serial Nos. 174,573–4; published May 22, 1923.
Shampoo. Harriet Hubbard Ayer. 165,433–4; Mar. 13; Serial Nos. 165,845–6; published Nov. 28, 1922.
Shampoo. Hygienic Laboratories. 170,362; July 17; Serial No. 173,931; published Apr. 10, 1923.
Shampoo. A. J. Krank Mfg. Co. 172,609; Sept. 11; Serial No. 169,858; published June 5, 1923.
Shampoo. S. B. Levey. 172,606; Sept. 11; Serial No. 170,172; published May 29, 1923.
Shampoo. Marshall Field & Company. 163,119; Jan. 2.
Shampoo. M. M. Milgram. 174,314; Oct. 9.
Shampoo, Coconut-oil. Carolina Remedies Company. 165,871; Mar. 20; Serial No. 168,872; published Nov. 28, 1922.
Shampoo, Coconut-oil. Microba Antiseptic Co. 175,648; Nov. 6; Serial No. 180,613; published Aug. 21, 1923.
Shampoo cream. M. B. Horner. 173,986; Oct. 2; Serial No. 178,613; published July 17, 1923.
Shampoo, Liquid. L. Weber. 165,523; Mar. 13; Serial No. 164,284; published Dec. 12, 1922.
Shampoo preparation. Dearborn Supply Company. 174,048; Oct. 2; Serial No. 177,656; published July 10, 1923.
Shampoo preparation. Sanitas Company. 165,608; Mar. 13; Serial No. 167,106; published Dec. 12, 1922.
Shampoo preparation. Sanitas Company. 165,622; Mar. 13; Serial No. 167,427; published Dec. 12, 1922.
Shampoo preparation, Dry. B. Hurewich. 165,524; Mar. 13; Serial No. 164,436; published Dec. 26, 1922.
Shampoo powder. Evan Williams Company Limited. 169,908; July 3; Serial No. 170,715; published Mar. 6, 1923.
Shampoo, scalp, and hair oils, etc. Hall, Thralls & Co. 174,368; Oct. 16; Serial No. 175.555; published July 10, 1923.
Shampoos. Friedrich - Friedrich Chemical Company. 168,030; May 8.
Shampoos. E. J. Watts. 167,598; May 1; Serial No. 169,659; published Jan. 9, 1923.
Sheep dips. Newton, Chambers & Company. 23,665; renewed Sept. 26. 1923.
Silk, Chemical preparation used to treat. Carpenter Chemical Company. 167,743; May 8; Serial No. 169,473; published Jan. 9, 1923.
Silk, Material for bleaching and degumming. Surpass Chemical Co. 169,619; June 26; Serial No. 172,658; published Mar. 6, 1923.
Silver, Colloidal solution of. H. Rosenberg. 165,705; Mar. 20; Serial No. 168,490; published Dec. 26, 1922.
Silk softener. Taylors Silk Emulsion, Inc. 175,089; Oct. 30; Serial No. 179,973; published Aug. 7, 1923.
Silk softener. Taylors Emulsion, Inc. 175,094; Oct. 30; Serial No. 179,973; published Aug. 7, 1923.
Sirup compounds for coughs, etc. Modern Pharmacal Co. 164,726; Feb. 27.
Sirup, Cough. Albers Company. 177,079; Dec. 11; Serial No. 184,048; published Sept. 18, 1923.
Sirup, horehound, honey, and tar sirup, blood purifier, etc., Laxative. Zinn Chemical Co. 177,182; Dec. 11; Serial No. 180,731; published Sept. 18, 1923.
Sirup remedy for diseases of the throat, lungs, and mucous membrane. H. G. Harter. 23,149; renewed May 30, 1923.
Sirups for the relief of coughs, colds, and bronchitis. San Antonio Drug Co. 174,361; Oct. 16; 176,656; published July 10, 1923.
Skin-cleansing tonic and massage cream. Pacquin, Inc. 172,371; Aug. 28; Serial No. 159,813; published Oct. 10, 1922.
Skin lotion. Salvaderm Co. 176,280; Nov. 20; Serial No. 178,934; published Aug. 14, 1923.
Skin whitener. E. W. Cassebeer, Inc. 164,294; Feb. 20.
Skins and hides, Swelling and unhairing agents for. Rohm & Haas Aktiengesellschaft. 165,785; Mar. 20; Serial No. 164,557; published Jan. 2, 1923.
Soap, Iron-rust, ink, and stain. N. C. Edwards. 176,381; Nov. 27; Serial No. 177,658; published Aug. 7, 1923.
Soap, Toilet. Colgate & Co. 23,632; renewed Sept. 19, 1923.
Soaps and perfumes. Odoriferous products for use in the production of. Morana, Incorporated. 168,833; May 29; Serial No. 170,533; published Feb. 13, 1923.
Soaps, perfumery, and toilet preparations. Colgate & Co. 22,546–8; renewed Feb. 28, 1923.
Soda and sal soda, Silicate of. Central Commercial Company. 165,994; Mar. 27; Serial No. 166,501; published Dec. 5, 1922.
Soda, granulated lye, and chlorinated lime, Caustic. Hooker Electrochemical Company. 172,734; Sept. 11; Serial No. 169,903; published Apr. 24, 1923.
Soda, Sesquicarbonate of. Solway Process Company. 168,395; May 22; Serial No. 171,768; published Feb. 20, 1923.
Sodas for cleaning water softening purposes. Benner Chemical Company. 173,536; Sept. 25.
Sodas, potash, glycerin, carbolic acid, etc. Charles F. Smillie & Co. 163,171; Jan. 2.
Sodium silicate. Philadelphia Quartz Company. 173,425; Sept. 25; Serial No. 158,727; published June 26, 1923.

Classified list of trade-marks registered—Continued.

Soldering flux. Pallady Welding & Manufacturing Company. 167,840; May 8; Serial No. 168,548; published Feb. 13, 1923.
Soldering flux in salts, paste, and fluid forms. F. Chapman. 169,661; June 26; Serial No. 170,123; published Mar. 20, 1923.
Solution for the treatment of inflamed, tender, or bleeding gums, pyorrhea, etc. J. W. Behrendt. 170,188; July 10; Serial No. 173,554; published Apr. 3, 1923.
Spray compound, Nasal. G. F. Fisk, jr. 163,319; Jan. 9.
Spray, Insecticide. International Chemical Company of America. 173,895; Oct. 2; Serial No. 177,129; published June 26, 1923.
Spray solutions, Tree and plant. Sulpho-Napthol Company. 177,356; Dec. 18; Serial No. 181,964; published Sept. 25, 1923.
Spreader to be added to spray, Calcium-caseinate. J. F. Littooy. 170,135; July 10; Serial No. 161,263; published Apr. 10, 1923.
Stain-removing preparation. Schuylkill Chemical Company. 165,606; Mar. 13; Serial No. 167,055; published Dec. 12, 1922.
Starch solvents. Takamine Laboratory, Inc. 177,032; Dec. 11; Serial No. 161,285; published Sept. 18, 1923.
Steel, Liquid used in heat-treating. Nypros Steel Company. 170,264; July 10; Serial No. 170,264; published Apr. 3, 1923.
Sterilizing preparation used in surgery, Skin-. Empire Biochemical Company. 169,605; June 26; Serial No. 172,373; published Feb. 27, 1923.
Sulphur. San Francisco Sulphur Co. 164,495; Feb. 20.
Sulphur. San Francisco Sulphur Company. 165,497; Mar. 13; Serial No. 166,108; published Nov. 7, 1922.
Sulphur. San Francisco Sulphur Co. 175,654; Nov. 6; Serial No. 181,352; published Aug. 28, 1923.
Sulphur. San Francisco Sulphur Co. 177,244; Dec. 11; Serial No. 181,351; published Sept. 11, 1923.
Sulphur. San Francisco Sulphur Co. 177,822–3; Dec. 25.
Sulphur compound, Pulverulent. Chemische Fabrik Marienfelde G. m. b. H. 167,437; May 1; Serial No. 163,737; published Jan. 30, 1923.
Sulphur solution. J. Sassetti. 175,280; Oct. 30.
Suppository, Medical vaginal. E. B. Norton. 167,350; May 1; Serial No. 152,180; published Dec. 26, 1922.
Suppositories. Drug Products Co. 170,368; July 17; Serial No. 173,999; published Aug. 28, 1923.
Suppositories, Female. A. C. Schmidt. 176,243; Nov. 20; Serial No. 177,698; published Aug. 14, 1923.
Suppositories for diseases of the bowels and rectum. Henry K. Wampole & Co. 22,370; renewed Jan. 24, 1923.
Suppositories, Vaginal. L. I. Weiner. 164,335; Feb. 20.
Suppositories, Vaginal. J. R. Yagyu. 176,320; Nov. 20; Serial No. 179,022; published Aug. 28, 1923.
Styptic pencils, liquid preparations and compounds, cough drops, etc. Stewart & Holmes Drug Co. 173,240; Sept. 18; Serial No. 162,904; published Oct. 3, 1922.
Suprarenal extract, Solution of. Novocol Chemical Mfg. Co. 176,165; Nov. 20; Serial No. 177,319; published Aug. 7, 1923.
Synthetic petrolatum and petroleum jelly. Sherwood Petroleum Company. 176,315; Nov. 20; Serial No. 179,063; published Aug. 14, 1923.
Tablet, Antimalarial. F. S. Duffy. 172,708; Sept. 11; Serial No. 175,547; published May 15, 1923.
Tablet, Chocolate laxative. Mutual Pharmacal Company. 167,486; May 1; Serial No. 158,053; published June 6, 1922.
Tablet for indigestion, ailments of the throat, etc., Medicated. Lambert Pharmacal Company. 168,134; May 15; Serial No. 170,770; published Feb. 13, 1923.
Tablet, Tonic and laxative. Alpha Chemical Company. 168,341; May 22; Serial No. 154,468; published Feb. 20, 1923.
Tablets and antiseptic preparations for the treatment of scalds, burns, etc. W. W. Herrick. 170,739; July 24; Serial No. 174,206; published Apr. 24, 1923.
Tablets and capsules for headaches, etc. B. Waldow. 169,745; June 26.
Tablets and salve for hemorrhoids. Cumberland Chemical Co. 174,479; Oct. 16; Serial No. 178,167; published July 10, 1923.
Tablets, Antiobesity. Wander Company. 166,964; Apr. 17.
Tablets, Antiseptic. S. P. Ritter. 168,692; May 29; Serial No. 169,780; published Feb. 13, 1923.
Tablets containing vitamines, Medicinal. J. Donnelly. 163,053; Jan. 2.
Tablets for colds, coughs, headache, etc. Standard Medical Society, Inc. 173,432; Sept. 25; Serial No. 166,326; published June 26, 1923.
Tablets for constipation, liver, kidneys, stomach, and bowels. J. D. Salem. 175,488–9; Nov. 6; Serial Nos. 178,000–1; published Aug. 21, 1923.
Tablets for headaches, colds, and grippe. Tab-Co Company. 167,843; May 8; Serial No. 169,190; published Feb. 13, 1923.
Tablets for relief of headache, neuralgia, grippe, etc. M. J. Ryan. 167,229; Apr. 24; Serial No. 168,071; published Jan. 23, 1923.
Tablets for relieving dyspesia and constipation, etc. W. H. F. Tenny. 173,244; Sept. 18; Serial No. 160,644; published June 19, 1923.
Tablets for the relief of headache, neuralgia, colds, rheumatism, etc. M. C. Smucker. 175,611; Nov. 6; Serial No. 180,900; published Aug. 28, 1923.
Tablets for the treatment of colds, la grippe, and headache. J. T. Baltar. 176,307; Nov. 20; Serial No. 179,258; published Aug. 14, 1923.
Tablets for the treatment of indigestion. T. H. Adams. 165,662; Mar. 20; Serial No. 166,971; published Dec. 12, 1922.
Tablets, Gas. J. Baalmann. 170,830; July 24; Serial No. 169,996; published Apr. 24, 1923.
Tablets, Herb. S. D. Clegg. 172,719; Sept. 11; Serial No. 175,070; published May 22, 1923.
Tablets, Laxative. C. G. Alley. 168,694; May 29; Serial No. 169,796; published Feb. 13, 1923.
Tablets, Laxative cold. D. Weeks & Company. 170,990; July 24.
Tablets, liniments, etc., Laxative, charcoal, headache, and other. L. Romanik. 167,553; May 1; Serial No. 165,637; published Dec. 26, 1922.
Tablets, lotions, silver-nitrate sticks, capsicum plasters, powders, etc. C. M. Owen. 174,514; Oct. 16; Serial No. 178,277; published July 24, 1923.
Tablets, Medicinal. California Alfalfa Products Company. 176,195; Nov. 20; Serial No. 158,221; published Apr. 3, 1923.
Tablets, Medicinal throat. M. L. Thompson. 166,985; Apr. 17.
Tablets, Throat. H. C. Jarvis. 167,465; May 1; Serial No. 167,132; published Jan. 9, 1923.
Tablets to be used in the treatment of heart disease, rheumatism, etc. S. Nakamura. 169,882; July 3; Serial No. 153,686; published Mar. 13, 1923.
Tablets used in the treatment of liver and bowel trouble, Medicinal. F. L. Van Dusen. 164,105; Feb. 13.
Tablets, Vegetable laxative. Solax Drug Company. 176,324; Nov. 20; Serial No. 180,455; published Sept. 4, 1923.
Talcum, face powder, foot powder, cold cream, vanishing cream, etc. L. R. Carley. 163,033; Jan. 2.
Talcum, shampoo jelly, medicinal plasters, and salve. W. M. Benedict. 169,643; June 26; Serial No. 170,556; published Mar. 20, 1923.
Tanning materials. Fulcra-Tan Company. 174,695; Oct. 23; Serial No. 180,118; published July 31, 1923.
Toilet articles. Ger-Le Laboratories. 177,464; Dec. 18; Serial No. 176,403; published Sept. 25, 1923.
Toilet articles and preparations. Continental Drug Corporation. 168,058; May 15; Serial No. 170,056; published Feb. 6, 1923.
Toilet articles and preparations, Certain named. A. & F. Pears, Ltd. 22,843; renewed Apr. 18, 1923.
Toilet-bowl or privy cleaner. B. Heller & Company. 168,311; May 15.
Toilet creams. Houbigant, Inc. 172,711; Sept. 11; Serial No. 175,493; published May 15, 1923.
Toilet creams and astringents. K. M. Quinlan. 175,571; Nov. 6; Serial No. 180,986; published Aug. 21, 1923.
Toilet flush. National Renovating & Supply Co. 177,844; Dec. 25.
Toilet lotions. M. E. Brinckerhoff. 168,097–8; May 15; Serial Nos. 163,612–12½; published Feb. 13, 1923.
Toilet powders and handkerchief extracts. Perfumeria Gal Sociedad Anonima. 172,737; Sept. 11; Serial No. 169,418; published Apr. 17, 1923.
Toilet preparation. Dearborn Supply Company. 174,049; Oct. 2; Serial No. 177,657; published July 10, 1923.
Toilet preparation. Lowell Company. 170,462–3; July 17; Serial Nos. 157,375–6; published Apr. 10, 1923.
Toilet preparation. E. G. West. 176,347; Nov. 20.
Toilet preparation for softening and whitening chapped and rough skin. Kanders Pharmacal Co. 169,844; July 3; Serial No. 172,882; published Mar. 13, 1923.
Toilet preparation for the skin. F. R. Arnold & Co. 167,738; May 8; Serial No. 168,868; published Jan. 2, 1923.
Toilet preparations. Barr Manufacturing Corporation. 176,298; Nov. 20; Serial No. 179,392; published July 31, 1923.
Toilet preparations. A. Bourjois & Co. 167,378; May 1; Serial No. 167,766; published Dec. 26, 1922.
Toilet preparations. H. Gabilla. 163,068; Jan. 2.
Toilet preparations. Laboratory Specialty Company. 172,382; Aug. 28; Serial No. 141,229; published May 15, 1923.
Toilet preparations. Masol Chemical Co. 177,247; Dec. 11; Serial No. 181,760; published Sept. 18, 1923.
Toilet preparations. D. Mason. 168,119; May 15; Serial No. 157,330; published Feb. 13, 1923.
Toilet preparations. P. Meyer. 167,463; May 1; Serial No. 167,186; published Jan. 9, 1923.
Toilet preparations. E. J. O'Connor. 170,257; July 10; Serial No. 170,947; published Mar. 20, 1923.
Toilet preparations. A. Overton. 173,245; Sept. 18; Serial No. 160,560; published Nov. 28, 1922.
Toilet preparations. Paris Toilet Company. 168,789; May 29; Serial No. 130,056; published Dec. 28, 1920.
Toilet preparations. Perkins Products Co. 167,231; Apr. 24; Serial No. 165,411; published Jan. 30, 1923.
Toilet preparations. A. H. Posselt. 164,290; Feb. 20.
Toilet preparations. W. J. Scott. 168,295; May 15.
Toilet preparations. Willette Products Incorporated. 164,419; Feb. 20.

Toilet preparations and cosmetics. M. L. Steel. 164,289; Feb. 20.
Toilet preparations—viz, toilet clay. J. H. Martin. 168,233; May 15; Serial No. 171,180; published Feb. 13, 1923.
Toilet water. W. J. Bush & Co. Inc. 167,292–3; Apr. 24.
Toilet water. W. J. Bush & Co. 170,718–9; July 24; Serial Nos. 173,170–1; published Apr. 24, 1923.
Toilet water and face lotions. Atlanta Barbers' Supply Co. 163,217; Jan. 2.
Toilet waters. G. C. Spencer. 176,925; Dec. 4.
Toilet waters, sachets, lip sticks, etc. Compagnie Française des Parfums d'Orsay. 177,810; Dec. 25.
Toilet waters, shampoo, hair tonics, etc. Saxon Perfume Company. 172,587; Sept. 11; Serial No. 170,039; published June 5, 1923.
Tonic. O. E. Olson. 176,771; Nov. 27.
Tonic. Proud's Portolive Co. 172,456; Aug. 28; Serial No. 172,615; published May 15, 1923.
Tonic. Saenger Drug Company. 176,337; Nov. 20.
Tonic. R. J. Strasenburgh Company. 170,031; July 10; Serial No. 173,686; published Apr. 10, 1923.
Tonic. V. Turitto. 176,346; Nov. 20.
Tonic. E. G. Twombly, administratrix of the estate of Dr. James Twombly. 170,819; July 24; Serial No. 171,341; published Apr. 24, 1923.
Tonic, Alterative. E. J. Cole. 164,174; Feb. 13.
Tonic and blood purifier, Liver. S. Lazar. 165,602; Mar. 13; Serial No. 167,003; published Dec. 12, 1922.
Tonic and general stimulant. Mellier Drug Company. 17,784; renewed Apr. 15, 1920.
Tonic and liver preparation. R. L. Eaton. 165,860; Mar. 20; Serial No. 130,093; published Oct. 4, 1922.
Tonic and nervine. W. J. Davies. 163,047; Jan. 2.
Tonic and system regulator, Blood. E. M. Brochu. 165,483; Mar. 13; Serial No. 167,865; published Dec. 26, 1922.
Tonic, antiseptic tablets, and blood pills, Dog and puppy. H. B. Furgerson, M. D. 176,052; Nov. 13; Serial No. 180,597; published Aug. 7, 1923.
Tonic, Blood. M. J. Hernandez. 163,858; Jan. 30.
Tonic, Blood and nerve. M. L. Puckett and Company. 165,876; Mar. 20.
Tonic, Blood, liver, and system. R. Gaffney. 177,172; Dec. 11; Serial No. 181,068; published Sept. 18, 1923.
Tonic, blood purifier and rheumatism medicine. J. G. Skeehan. 169,583; June 26; Serial No. 158,651; published Feb. 27, 1923.
Tonic compound. Cumberland Chemical Co. 174,480; Oct. 16; Serial No. 178,166; published July 10, 1923.
Tonic compound. Purdue Frederick Company. 23,794; renewed Nov. 7, 1923.
Tonic compound for treating worms, etc., in hogs and other livestock. A. J. White. 176,022; Nov. 13; Serial No. 177,459; published July 31, 1923.
Tonic, cough sirup, salve, and plaster. A. Asselin. 165,538; Mar. 13; Serial No. 159,778; published Nov. 28, 1922.
Tonic, Digestive. E. S. Gebhart. 172,662; Sept. 11; Serial No. 174,518; published May 8, 1923.
Tonic, face cream, and salves, Stomach, liver, kidney, and blood. Weiklet Company. 164,158; Feb. 13.
Tonic for animals, General. J. Lasitter. 166,993; Apr. 17.
Tonic for cats and kittens. Knox Pharmacal Company. 173,098; Sept. 18; Serial No. 177,131; published June 12, 1923.
Tonic for kidney and bladder derangements, Stimulating. J. N. Greene. 176,990; Dec. 11; Serial No. 179,467; published Sept. 11, 1923.
Tonic for the skin. Imperial Hygienic Co. 169,608; June 26; Serial No. 172,476; published Feb. 27, 1923.
Tonic for the treatment of rheumatism, pains, etc. O. L. Roberts. 165,803; Mar. 20; Serial No. 167,657; published Jan. 2, 1923.
Tonic for use in the treatment of anæmia, debility, stomach derangements, etc., Medical. W. H. Mathews. 174,041; Oct. 2; Serial No. 177,447; published July 10, 1923.
Tonic for use upon the scalp or skin. E. D. Schneider. 170,254; July 10; Serial No. 171,140; published Apr. 3, 1923.
Tonic, General. Elars Medicine Company. 164,493; Feb. 20.
Tonic, General. J. C. Norflett. 173,421; Sept. 25; Serial No. 156,290; published June 26, 1923.
Tonic. General. Seifert Cromwell Company. 164,434; Feb. 20.
Tonic, General. Sudermann & Co. 170,111; July 10; Serial No. 159,772; published Mar. 20, 1923.
Tonic, General medicinal. G. E. Burcher. 172,670; Sept. 11; Serial No. 174,124; published May 22, 1923.
Tonic, General medicinal. H. Rowland Co. 166,303; Mar. 27.
Tonic, General system. D. Sweet. 173,101; Sept. 18; Serial No. 177,115; published June 12, 1923.
Tonic in tablet form, General. G. F. Kerr. 164,426; Feb. 20.
Tonic in the treatment of the weaknesses and disorders of the female generative organs. Modern Pharmacal Co. 170,452; July 17; Serial No. 172,282; published Apr. 10, 1923.
Tonic, liniment, nerve tonic, bronchial sirup, etc. Twentieth Century Laboratories. 163,188; Jan. 2.
Tonic, Liquid. Southern Laboratories. 169,750; July 3; Serial No. 172,064; published Mar. 27, 1923.
Tonic, Medicinal. S. Pfeiffer Manufacturing Company. 165,859; Mar. 20; Serial No. 131,040; published Dec. 6, 1922.
Tonic, Medicinal. Wonder Medicine Company. 172,580; Sept. 11; Serial No. 172,313; published May 8, 1923.
Tonic, Nerve. Farbenfabriken vorm. Friedr. Bayer & Co. 164,109; Feb. 13.
Tonic, Nerve. C. B. Paz. 168,114; May 15; Serial No. 151,019; published Feb. 20, 1923.
Tonic, nerve tissue, and vitality builder, Compound for use as a. Nu-Youth Chemical Laboratories. 166,299; Mar. 27.
Tonic preparation. Standard Laboratories. 165,605; Mar. 13; Serial No. 167,025; published Dec. 12, 1922.
Tonic, Stomachical. A. L. Dodane. 165,553; Mar. 13; Serial No. 152,789; published Dec. 26, 1922.
Tonic, System. S. B. Yount. 177,212; Dec. 11; Serial No. 177,809; published Sept. 18, 1923.
Tonic, Tissue and nerve. K. Wiebusch. 165,513; Mar. 13; Serial No. 164,573; published Nov. 7, 1922.
Tonic to assist the digestion of food in the stomach. G. Code. 170,011; July 10; Serial No. 172,663; published Apr. 3, 1923.
Tonic to be applied to the scalp and as a hair dressing. Levite Manufacturing Company. 176,377; Nov. 27; Serial No. 177,679; published July 31, 1923.
Tonic, Vegetable general. J. W. Buchanan. 175,578; Nov. 6; Serial No. 181,173; published Aug. 21, 1923.
Tonics. F. E. Elmore. 164,309; Feb. 20.
Tonics and conditioners, Stock and poultry. Prairie Remedy Co. 170,214; July 10; Serial No. 146,397; published Apr. 10, 1923.
Tonics and preparations. Cole Chemical Company. 172,852; Sept. 11; Serial No. 175,770; published June 5, 1923.
Tonics, blood purifiers and producers, antiseptics, etc. Henry S. Wampole Company. 166,080; Mar. 27; Serial No. 158,965; published Nov. 28, 1922.
Tonics, Blood stream. J. G. Munsell. 168,511; May 22.
Tonics, Female general. H. S. Gilbert. 174,318; Oct. 16; Serial No. 177,733; published July 10, 1923.
Tonics for aiding digestion, purifying the blood, etc. Modern Pharmacal Co. 168,106; May 15; Serial No. 164,819; published Feb. 13, 1923.
Tonics for animals. Moorman Manufacturing Company. 176,157; Nov. 20; Serial No. 169,316; published Aug. 28, 1923.
Tonics, General. P. Schier. 168,349; May 22; Serial No. 133,850; published Feb. 20, 1923.
Toothache drops. Welch and Woodsum. 163,203; Jan. 2.
Toothache medicine. Barnard Manufacturing Company. 170,195; July 10; Serial No. 173,394; published Apr. 3, 1923.
Toothache remedies, citrate of magnesia, seidlitz powders, etc. Stewart & Holmes Drug Co. 173,165; Sept. 18; Serial No. 156,760; published Nov. 7, 1922.
Tooth paste. J. W. Covington. 170,035; July 10; Serial No. 173,811; published Apr. 10, 1923.
Tooth paste. Dragon Products Co. 165,432; Mar. 13; Serial No. 165,852; published Nov. 28, 1922.
Tooth paste. Eodene Company. 164,612; Feb. 20.
Tooth paste. W. D. Gill. 173,106; Sept. 18; Serial No. 176,962; published June 12, 1923.
Tooth paste. Laboratorio Reclus, S. A. 164,621; Feb. 20.
Tooth paste. J. G. Leftwich. 164,474; Feb. 20.
Tooth paste. Wm. McDonagh & Sons. 173,775; Oct. 2; Serial No. 175,669; published June 26, 1923.
Tooth paste. National Drug Stores Corp. 171,967; Aug. 14.
Tooth paste. Nulyne Laboratories. 167,358; May 1; Serial No. 124,864; published Apr. 13, 1920.
Tooth paste. Drs. Pavey & Kester. 164,812; Feb. 27.
Tooth paste. Sears, Roebuck and Co. 167,305; Apr. 24.
Tooth paste. United Retail Chemists Corporation. 169,784; July 3; Serial No. 149,039; published Mar. 27, 1923.
Tooth paste. E. A. Warnick. 174,869; Oct. 23; Serial No. 180,336; published July 31, 1923.
Tooth paste and mouth wash. Brand Neu Company Inc. 165,875; Mar. 20.
Tooth paste and powder. Louis Philippe, Inc. 167,584; May 1; Serial No. 170,153; published Jan. 30, 1923.
Tooth paste and powder and mouth wash. O. H. v. Maynburg. 169,787; July 3; Serial No. 156,996; published Mar. 27, 1923.
Tooth paste and tonic for the gums. Crown Tartarex Co. 169,664; June 26; Serial No. 170,930; published Mar. 20, 1923.
Tooth paste and tooth cleanser, and a preparation for the treatment of pyorrhea. A. A. Hatfield. 170,083; July 10; Serial No. 167,676; published Apr. 3, 1923.
Tooth paste, cold cream, talcum powder, and perfume. Julius Wile Sons & Co. 173,509; Sept. 25; Serial No. 175,828; published June 26, 1923.
Tooth paste, glycerin, etc. Foley & Company. 172,960; Sept. 11; Serial No. 176,263; published June 12, 1923.
Tooth paste, liquid dentifrice. J. R. Irvin. 172,976; Sept. 11; Serial No. 176,188; published June 12, 1923.

Tooth paste, mouth wash, gum massage, etc. Edral Company. 174,478; Oct. 16; Serial No. 178,238; published July 17, 1923.
Tooth paste, mouth wash, pyorrhea astringent, hair tonic, etc. G. R. Gilbert. 176,232; Nov. 20; Serial No. 167,612; published Aug. 7, 1923.
Tooth paste or dental cream. J. A. Baggett. 173,255; Sept. 18; Serial No. 179,452; published June 12, 1923.
Tooth paste, wash, and dentifrice. Associated Radium Chemists, Inc. 172,675; Sept. 11; Serial No. 166,925; published May 8, 1923.
Triphenylphosphate and phosphorus oxychloride. Secaw Chemical Company. 164,098; Feb. 13.
Twine. Wortendyke Manufacturing Co. 171,950; Aug. 14.
Uric-acid solvent and blood purifier. American Chemical Manufacturing Co. 177,705; Dec. 25; Serial No. 164,996; published Oct. 9, 1923.
Vaccine, Specific. Etablissements Poulenc frères. 173,447–8; Sept. 25; Serial Nos. 173,749–50; published June 26, 1923.
Vaccine, Specific. Etablissements Poulenc frères. 173,450–1; Sept. 25; Serial Nos. 173,746–7; published June 26, 1923.
Vaccine, Specific. Etablissements Poulenc frères. 173,452; Sept. 25; Serial No. 173,744; published June 26, 1923.
Vaccine, Urine. T. W. Deachman. 172,746; Sept. 11; Serial No. 167,868; published May 15, 1923.
Vaccines. A. Grosley. 164,153; Feb. 13.
Vegetable compound and system blood purifier. Wm. T. Hursh & Conn. 173,903; Oct. 2; Serial No. 176,185; published July 10, 1923.
Vegetable, mineral, and animal products. Lee-Strauss Co. 175,653; Nov. 6; Serial No. 181,345; published Aug. 28, 1923.
Vegetable preparation for regulating the stomach and bowels, etc. Centaur Company. 165,880–2; Mar. 20.
Vegetable preparation for regulating the stomach and bowels of infants and children. Centaur Company. 168,519; May 22.
Vermifuge. Farbenfabriken vorm. Friedr. Bayer & Co. 164,107; Feb. 13.
Vermifuge to be used in the treatment of live stock. Welch & Marker. 170,425; July 17; Serial No. 172,022; published Apr. 10, 1923.
Vermin exterminator and insecticide, Body-. B. Heller & Company. 170,986; July 24.
Veterinary liniments and embrocations. W. F. Young, Inc. 164,351; Feb. 20.
Veterinary remedy. Farbenfabriken vorm. Friedr. Bayer & Co. 165,791–2; Mar. 20; Serial No. 163,785–6; published Jan. 2, 1923.
Vulcanization accelerators. Farbenfabriken vorm Friedr. Bayer & Co. 170,039; July 10; Serial No. 173,926; published Apr. 10, 1923.
Wafers, troches, and lozenges, Bronchial. Stone Medicine Company. 23,987; renewed Jan. 2, 1924.
Wash, Face and skin. A. Frasca. 164,483; Feb. 20.
Wash or lotion, Face. C. B. Cheeks. 174,927; Oct. 23.
Washing fluid. H. Kohnstamm & Co. 22,436; renewed Feb. 7, 1923.
Water, Battery. Bethel Springs Water Co. 175,624; Nov. 6; Serial No. 180,744; published Aug. 14, 1923.
Water, face powder sachets, cold creams, etc. Lavender. Yardley & Co. 164,343; Feb. 20.
Water, Lavender. J. Grossmith & Son, Limited. 169,665; June 26; Serial No. 170,976; published Mar. 20, 1923.
Waterproofing composition. F. McPhillips. 164,299; Feb. 20.
Waterproofing composition for application to tennis-racket strings. California By-Products Co. 175,479; Nov. 6; Serial No. 179,514; published Aug. 21, 1923.
Waterproofing composition for wood, brick, etc. Barlith Company. 173,018; Sept. 11; Serial No. 173,126; published June 5, 1923.
Waterproofing compound for use on shingle roofs, etc. J. W. Jackson. 176,188; Nov. 20; Serial No. 173,424; published May 15, 1923.
Waterproofing material for textile fabrics. Gardiner & Lewis, Inc. 163,070; Jan. 2.
Water softener. Barrett & Barrett. 163,020; Jan. 2.
Water softener. Bowker Chemical Company. 176,413; Nov. 27; Serial No. 178,706; published Aug. 14, 1923.
Water-softening compound. J. J. Buczkowski. 169,900; July 3; Serial No. 171,571; published Feb. 27, 1923.
Water-softening compound. Sierra Chemical Company. 170,004; July 10; Serial No. 156,721; published Mar. 6, 1923.
Wax, Laundry. Brun Mfg. Co. 170,085; July 10; Serial No. 168,201; published Apr. 3, 1923.
Welding flux. Sedalia Mfg. Company. 176,382; Nov. 27; Serial No. 177,523; published Aug. 21, 1923.
Windows, Powder to eliminate sun glare from. A. J. Lodder. 176,173; Nov. 20; Serial No. 178,561; published Aug. 14, 1923.
Witch-hazel, Nonalcoholic. Surgeons Specialty Company. 168,342; May 22; Serial No. 154,066; published Feb. 20, 1923.
Wood and food preservatives, photographic chemicals, dyestuffs, etc. Tetralin-Gesellschaft mit beschränkter Haftung. 172,777; Sept. 11; Serial No. 142,042; published June 5, 1923.
Wood preservative. Sherwin - Williams Company 171,700; Aug. 7.
Wood preserver, Chemical substance used as a. Creolin Co. 167,589; May 1; Serial No. 169,847; published Jan. 9, 1923.
Wrinkle remover, depilatory, deodorant, etc. H. Bizzoni. 170,059; July 10; Serial No. 172,412; published Mar. 27, 1923.
Yeast vitamine product. Northwestern Yeast Company. 174,353; Oct. 16; Serial No. 177,318; published July 17, 1923.
Zeolites and base-exchange water-softening agents. H. S. B. W.-Cochrane Corporation. 172,360; Aug. 28; Serial No. 173,888; published Apr. 17, 1923.
Zinc-chloride antiseptic and deodorant for gums, sore throat, etc. R. E. Taylor. 175,382; Nov. 6; Serial No. 180,907; published Aug. 14, 1923.
Zinc formaldehyde, Sulphoxylate of. Rohn & Haas Company. 166,407; Apr. 3; Serial No. 166,018; published Jan. 2, 1923.
Zinc oxide. New Jersey Zinc Company. 174,809; Oct. 23; Serial No. 180,615; published Aug. 7, 1923.
Zinc-oxide pads. Wizard Lightfoot Appliance Company. 174,399; Oct. 16; Serial No. 178,322; published July 10, 1923.

CLASS 7.

Bead strings. L. C. Schermerhorn. 163,164; Jan. 2.
Clotheslines. Tribble Cordage Mills, Inc. 166,110; Mar. 27; Serial No. 150,379; published Oct. 11, 1921.
Cord, Braided sash. Samson Cordage Works. 23,509; renewed Aug. 15, 1923.
Cord, twine, shade cord, etc., Maitre. Brownell & Company. 164,854; Feb. 27.
Cordage. M. J. Grady Company. 163,078; Jan. 2.
Cordage. Hanfwerke Fuessen-Immenstadt A. G. 166,094; Mar. 27; Serial No. 164,314; published Nov. 7, 1922.
Cordage. Hooven & Allison Company. 170,000; July 10; Serial No. 154,515; published Apr. 3, 1923.
Cordage—namely, twine and cord. Hanfwerke Fuessen-Immenstadt, A. G. 163,744–5; Jan. 23.
Cords, Cable, macramé, and shade. Johnston & Co. Cable Cord, Inc. 166,418; Apr. 3; Serial No. 165,628; published Jan. 9, 1923.
Cords, twines, ropes, and lines. Granite Cordage Company. 175,873; Nov. 13; Serial No. 179,196; published Sept. 4, 1923.
Cords, twines, ropes, and lines. Highland Cordage Company. 171,217; July 31; Serial No. 177,668; published May 15, 1923.
Cords, twines, ropes, and lines of fiber material. Granite Cordage Company. 168,838; May 29; Serial No. 170,682; published Feb. 13, 1923.
Rope. Columbian Rope Company. 164,404; Feb. 20.
Rope. Columbian Rope Company. 170,136; July 10; Serial No. 161,619; published Apr. 10, 1923.
Rope. E. T. Rugg & Co. 171,447; Aug. 7; Serial No. 158,835; published May 15, 1923.
Rope. A. M. Taylor. 163,404; Jan. 9.
Rope. Tubbs Cordage Company. 170,595; July 17; Serial No. 143,108; published June 21, 1921.
Rope. Tubbs Cordage Company. 170,596; July 17; Serial No. 143,106; published June 21, 1921.
Rope. Whitlock Cordage Co. 170,548; July 17; Serial No. 173,265; published Mar. 20, 1923.
Rope and cable, Hoisting. Atlantic Elevator Company. 174,218; Oct. 9; Serial No. 181,051; published July 10, 1923.
Rope and twine. Compania De Jarcia De Matanzas S. A. 176,594; Nov. 27; Serial No. 479,135; published Sept. 18, 1923.
Rope and twine. Portland Cordage Co. 175,250; Oct. 30.
Rope and twine. Portland Cordage Co. 175,260; Oct. 30.
Rope and twine. Portland Cordage Co. 175,670; Nov. 6.
Rope, cord, and twine. American Manufacturing Company. 168,701; May 29; Serial No. 166,547; published Mar. 13, 1923.
Rope, cord, and twine. American Manufacturing Company. 177,600; Dec. 18.
Rope, hard-fiber sisal and Manila hemp cordage. R. A. Kelly Co. 163,101; Jan. 2.
Rope, Hemp. Hooven & Allison Company. 169,487; June 19; Serial No. 117,598; published Dec. 30, 1919.
Rope, Istle. Hooven & Allison Company. 170,599; July 17; Serial No. 117,597; published Dec. 30, 1919.
Rope, Manila. Tubbs Cordage Company. 170,686; July 17.
Rope, Manila. Tubbs Cordage Company. 172,807; Sept. 11; Serial No. 143,107; published June 21, 1921.
Rope, Manila. Whitlock Cordage Co. 173,647; Oct. 2; Serial No. 176,773; published June 26, 1923.
Rope, sash cord, seine twines, etc., Cotton. Wm. E. Hooper & Sons Co. 171,461; Aug. 7; Serial No. 168,151; published May 8, 1923.
Rope, Sisal. Hooven & Allison Company. 169,486; June 19; Serial No. 117,596; published Dec. 30, 1919.
Rope, twine, cables, commercial twines, clotheslines. Johnson Pickett Rope Co. 170,571–2; July 17; Serial Nos. 164,920–1; published Apr. 17, 1923.
Twine. Ludlow Manufacturing Associates. 165,067; Mar. 6; Serial No. 165,147; published Dec 12, 1922.

Twine. Orchard Paper Company. 172,340; Aug. 28: Serial No. 179,053; published May 29, 1923.
Twine. Wortendyke Manufacturing Company. 165,858; Mar. 20; Serial No. 133,073; published Jan. 2, 1923.
Twine and household cord. Providence Paper Company. 163,696; Jan. 23.
Twine and household cord. Providence Paper Co. 168,459; May 22; Serial No. 173,363; published Feb. 20, 1923.
Twine, rope, or cordage. M. J. Grady Company. 168,224; May 15; Serial No. 172,220; published Feb. 13, 1923.
Twines, rope, strings, and cordage. C. C. Davis. 172,194; Aug. 21.
Window or sash cord, Braided cotton. Samson Cordage Works. 24,411; renewed Mar. 27, 1924.
Wire cable, Twisted. Western Electric Company. 163,700; Jan. 23.
Wire rope. Williamsport Wire Rope Distributing Company. 166,472; Apr. 3; Serial No. 167,746; published Jan. 9, 1923.
Wire rope and chain. George Cradock & Co. 23,103; renewed May 23, 1923.
Wire rope and clothesline. G. F. Wright Steel & Wire Company. 174,245; Oct. 9; Serial No. 169,510; published July 10, 1923.
Wire ropes. Waterbury Company. 168,398–9; May 22; Serial Nos. 171,674–5; published Feb. 20, 1923.

CLASS 8.

Ash receivers. Smokador Co. 165,697; Mar. 20; Serial No. 169,932; published Dec. 26, 1922.
Ash trays. R. E. Raney. 169,691; June 26; Serial No. 158,007; published Mar. 27, 1923.
Cigar and cigarette cases. Marshall Field & Company. 166,851; Apr. 17; Serial No. 165,366; published Jan. 30, 1923.
Cigar and cigarette holders. American Briar Pipe Company. 177,783; Dec. 25; Serial No. 183,685; published Oct. 2, 1923.
Cigar and cigarette holders and pipe mouthpieces. D. A. Schulte, Inc. 167,151; Apr. 24; Serial No. 172,358; published Jan. 30, 1923.
Cigar cases, Leather. A. O. Trostel. 163,986; Feb. 6.
Cigarette holders. Fedco Sales Company. 168,485; May 22; Serial No. 168,760; published Feb. 20, 1923.
Cigarette holders. J. F. Rioux. 169,678; June 26; Serial No. 173,610; published Mar. 27, 1923.
Cigarette paper. R. J. Reynolds Tobacco Company. 174,501; Oct. 16; Serial No. 181,349; published July 24, 1923.
Cigarette-rolling machines, Pocket. Evans Concinnum & Metal Works, Ltd. 177,131; Dec. 11; Serial No. 139,790; published July 4, 1922.
Humidors, Cigar and cigarette. G. Karp. 168,763; May 29; Serial No. 173,088; published Feb. 27, 1923.
Paper and cigarette tubes made of paper, Cigarette. Wilkinson Bros. & Co. 166,114; Mar. 27; Serial No. 150,790; published Dec. 12, 1922.
Paper, Cigarette. E. M. Branchley. 170,307; July 10; Serial No. 176,445; published Apr. 10, 1923.
Paper, Cigarette. Sobrinos de R. Abad Santonja. 168,707; May 27; Serial No. 151,334; published Mar. 13, 1923.
Paper, Cigarette. Societe Anonyme des Anciens Etablissements Braunstein Freres. 164,803; Feb. 27.
Paper for use in making cigarettes. Robert Fletcher & Son Limited. 171,519; Aug. 7; Serial No. 173,415; published May 8, 1923.
Paper treated, etc., for making cigarettes. Robert Fletcher & Son, Limited. 171,517; Aug. 7; Serial No. 173,412; published May 1, 1923.
Paper treated, etc., for making cigarettes. Robert Fletcher & Son. 171,518; Aug. 7; Serial No. 173,414; published May 8, 1923.
Papers for cigarettes. Fricotelle et Cie. 165,590; Mar. 13; Serial No. 147,774; published Dec. 19, 1922.
Pipe racks. H. Lubin. 175,450; Nov. 6; Serial No. 183,074; published Aug. 28, 1923.
Pipes. Barkmahn Company. 172,130; Aug. 21; Serial No. 174,602; published May 22, 1923.
Pipes. United Cigar Stores Company of America. 165,457; Mar. 13; Serial No. 171,560; published Dec. 26, 1922.
Pipes and cases for pipes, Smoking. Reiss-Premier Pipe Company. 165,962; Mar. 27; Serial No. 156,806; published Mar. 14, 1922.
Pipes and pipe parts. General Bakelite Company. 170,772; July 24; Serial No. 175,601; published Apr. 24, 1923.
Pipes, cigar and cigarette holders, and tobacco pouches. Alfred Dunhill of London, Inc. 174,098; Oct. 2; Serial No. 179,263; published July 10, 1923.
Pipes, cigar and cigarette holders, cases, boxes, etc. Gorham Manufacturing Company. 177,429; Dec. 18; Serial No. 152,246; published Sept. 25, 1923.
Pipes, Corncob tobacco-smoking. Hirsch & Bendheim. 166,789; Apr. 17; Serial No. 159,313; published June 13, 1922.
Pipes, Smokers'. M. M. Importing Co. 167,667; May 8; Serial No. 171,705; published Jan. 30, 1923.
Pipes, Smoking. M. Linkman & Co. 165,455–6; Mar. 13; Serial Nos. 171,504–5; published Dec. 26, 1922.
Pipes, Tobacco. Delacour Bros. Ltd. 170,612–15; July 17; Serial Nos. 176,723–6; published Apr. 24, 1923.
Pipes, Tobacco. Delacour Bros. Ltd. 170,623–4; July 17; Serial Nos. 176,727–8; published Apr. 24, 1923.
Pipes, Tobacco. Delacour Bros. Ltd. 171,559; Aug. 7; Serial No. 177,429; published May 15, 1923.
Pipes, Tobacco. Delacour Brothers, Ltd. 171,546–7; Aug. 7; Serial Nos. 178,377–8; published May 15, 1923.
Pipes, Tobacco-smoking. Hirschl & Bendheim. 165,744; Mar. 20; Serial No. 171,694; published Jan. 2, 1923.
Smokers' articles. M. E. Bernhardt. 169,199; June 12; Serial No. 169,394; published Mar. 13, 1923.
Tobacco pipes and cases. Wm. Demuth & Co. 169,111; June 5.
Trays, match-box holders, Ash. Feldt Manufacturing Company. 167,166; Apr. 24; Serial No. 171,532; published Jan. 30, 1923.

CLASS 9.

Detonators and explosives or constituent elements of explosives. Davey, Bickford, Smith & Co. 163,907; Feb. 6.
Explosives. General Explosives Company. 171,486; Aug. 7; Serial No. 148,383; published May 15, 1923.
Firearms. Colt's Patent Firearms Manufacturing Company. 163,464; Jan. 16.
Firearms. Th. Münzer. 163,990; Feb. 6.
Fireworks. National Fireworks Manufacturing Company. 170,131; July 10; Serial No. 158,942; published Apr. 10, 1923.
Fireworks. Victory Sparkler & Specialty Co. 163,923; Feb. 6.
Fusees, Railway signal. F. L. Wanklyn. 175,506; Nov. 6; Serial No. 178,785; published Aug. 28, 1923.
Gun and rifle cases, revolver and pistol holders, and belts. Williamsport Leather Goods Company. 169,536; June 19; Serial No. 168,396; published Mar. 20, 1923.
Gunpowder, Sporting. American Powder Mills. 23,458; renewed Aug. 8, 1923.
Guns, Recoil pads for. Jostam Mfg. Co. 175,462; Nov. 6; Serial No. 182,515; published Aug. 28, 1923.
Guns, rifles, carbines, pistols, etc., Hand-loading, semiautomatic, and automatic. Fritz Mann, Feinmaschinen-, Waffen- u. Werkzeugfabrik. 163,942; Feb. 6.
Matches, Björneborgs Tändsticksfabriks Aktiebolag. 163,459; Jan. 16.
Matches. Diamond Match Company. 167,347–8; May 1; Serial Nos. 158,820–1; published Apr. 25, 1922.
Matches. Diamond Match Company. 170,565–6; July 17; Serial Nos. 158,822–3; published Apr. 17, 1923.
Matches. Diamond Match Company. 170,617–20; July 17; Serial Nos. 177,075–8; published Apr. 17, 1923.
Matches. Diamond Match Company. 171,686; Aug. 7.
Matches. Diamond Match Company, The. 171,787; Aug. 14; Serial No. 178,897; published May 22, 1923.
Matches. Diamond Match Company. 171,973; Aug. 21; Serial No. 178,909; published May 22, 1923.
Matches. Diamond Match Company. 171,974–5; Aug. 21; Serial Nos. 178,912–13; published May 22, 1923.
Matches. Diamond Match Company. 171,984; Aug. 21; Serial No. 178,896; published May 22, 1923.
Matches. Diamond Match Company. 171,985–95; Aug. 21; Serial Nos. 178,898–908; published May 22, 1923.
Matches. Diamond Match Company. 175,032; Oct. 30; Serial No. 178,914; published Aug. 14, 1923.
Matches. Jönköpings och Vulcans Tändsticksfabriksaktiebolag. 175,056; Oct. 30; Serial No. 179,273; published Aug. 7, 1923.
Matches. Jonkoping och Vulcans Tandsticksfabriksaktiebolag. 175,438; Nov. 6; Serial No. 140,463; published Aug. 28, 1923.
Matches. Jonkoping och Vulcans Tandsticksfabriksaktiebolag. 175,439; Nov. 6; Serial No. 140,455; published Aug. 28, 1923.
Matches. Jonkoping och Vulcans Tandsticksfabriksaktiebolag. 175,972; Nov. 13; Serial No. 140,435; published Aug. 28, 1923.
Matches. Jonkoping och Vulcans Tandsticksfabriksaktiebolag. 175,973; Nov. 13; Serial No. 140,437; published Sept. 4, 1923.
Matches. Jonkoping och Vulcans Tandsticksfabriksaktiebolag. 175,974; Nov. 13; Serial No. 140,439; published Sept. 4, 1923.
Matches. Jonkoping och Vulcans Tandsticksfabriksaktiebolag. 175,975; Nov. 13; Serial No. 140,444; published Sept. 4, 1923.
Matches. Jonkoping och Vulcans Tandsticksfabriksaktiebolag. 175,976–7; Nov. 13; Serial Nos. 140,446–7; published Sept. 4, 1923.
Matches. Jonkoping och Vulcans Tandsticksfabriksaktiebolag. 175,978; Nov. 13; Serial No. 140,449; published Sept. 4, 1923.
Matches. Jonkoping och Vulcans Tandsticksfabriksaktiebolag. 175,979; Nov. 13; Serial No. 140,452; published Sept. 4, 1923.
Matches. Jonkoping och Vulcans Tandsticksfabriksaktiebolag. 175,980; Nov. 13; Serial No. 140,450; published Sept. 4, 1923.
Matches. Jonkoping och Vulcans Tandsticksfabriksaktiebolag. 175,981–2; Nov. 13; Serial Nos. 140,453–4; 11; Serial No. 154,850; published May 29, 1923.

Classified list of trade-marks registered—Continued.

Matches. Jonkoping och Vulcans Tandsticksfabriksaktiebolag. 175,983–5; Nov. 13; Serial Nos. 140,456–8; published Sept. 4, 1923.
Matches. Mitsui Bussan Kaisha, Ltd. 171,374–5; Aug. 7; Serial No. 156,100–1; published May 8, 1923.
Matches. Mitsui Bussan Kaisha, Ltd. 171,376; Aug. 7; Serial No. 156,095; published May 15, 1923.
Matches. Nippon Match M'f'g Co. 168,545; May 29; Serial No. 158,488; published Mar. 6, 1923.
Matches. Osakeyhtio Savo, Ltd. 175,003; Oct. 30; Serial No. 171,864; published Aug. 14, 1923.
Matches, Book. World Match Corporation. 167,045; Apr. 24; Serial No. 170,321; published Jan. 30, 1923.
Matches. Standard Match Co. 168,435; May 22; Serial No. 171,045; published Feb. 20, 1923.
Pistols, revolvers, shotguns, and rifles, Automatic. B. R. Lemes. 168,299; May 15.
Pistols, rifles, muskets, guns, revolvers, ammunition, and cleaning rods. Gustav Genschow & Co. Aktiengesellschaft. 172,937; Sept. 11; Serial No. 161,877; published Oct. 24, 1922.
Pistols, rifles, muskets, guns, revolvers, ammunition, and cleaning rods. Gustav Genschow & Co. Aktiengesellschaft. 172,938; Sept. 11; Serial No. 161,875; published Oct. 24, 1922.
Revolvers, automatic pistols, and other small arms. Webley & Scott Limited. 163,486; Jan. 16.
Rifles, Sporting. J. Stevens Arms Company. 173,158; Sept. 18; Serial No. 159,186; published June 19, 1923.
Rifles, Sporting. J. Stevens Arms Company. 173,149; Sept. 18; Serial No. 159,188; published June 19, 1923.
Shells and cartridges, Shotgun. Federal Cartridge Corporation. 169,923; July 3.
Shells, Paper shot. Remington Arms Company. 175,229; Oct. 30.
Shells, Shot. Western Cartridge Company. 169,970; July 10; Serial No. 164,285; published Apr. 3, 1923.
Shotguns. J. Stevens Arms Company. 173,958; Oct. 2; Serial No. 159,189; published July 17, 1923.
Shotguns and parts thereof. J. L. Galef. 166,585; Apr. 10; Serial No. 162,876; published Jan. 30, 1923.
Wells, Explosive used largely in shooting oil. Chesney Explosive Company. 168,424; May 22; Serial No. 172,371; published Feb. 20, 1923.

CLASS 10.

Fertilizer. American Agricultural Chemical Company. 163,734; Jan. 23.
Fertilizer. American Agricultural Chemical Co. 164,855; Feb. 27.
Fertilizer. American Agricultural Chemical Company. 166,380; Apr. 3; Serial No. 169,739; published Nov. 7, 1922.
Fertilizer. American Agricultural Chemical Company. 170,622; July 17; Serial No. 176,868; published Apr. 17, 1923.
Fertilizer. Central Chemical Company. 168,753; May 29; Serial No. 171,526; published Mar. 13, 1923.
Fertilizer. Farmers & Planters Company. 166,222; Mar. 27; Serial No. 168,962; published Nov. 28, 1922.
Fertilizer. George C. Jones Incorporated. 174,228; Oct. 9; Serial No. 180,704; published July 10, 1923.
Fertilizer. I. F. Laucks, Inc. 166,968; Apr. 17.
Fertilizer. Marine Products Co. 164,333; Feb. 20.
Fertilizer. Westlake Chemical Co. 176,080; Nov. 13; Serial No. 182,240; published Sept. 4, 1923.
Fertilizer, Commercial. Armour Fertilizer Works. 169,633; June 26; Serial No. 174,952; published Mar. 27, 1923.
Fertilizers. Dixie Guano Company. 163,227; Jan. 2.
Fertilizers. Krippendorf-Tuttle White Cliffs Products Co. 173,412; Sept. 25; Serial No. 177,744; published June 19, 1923.
Fertilizers. Nitrate Agencies Company. 174,864; Oct. 23; Serial No. 180,486; published July 10, 1923.
Fertilizers. Pacific Bone Coal & Fertilizing Company. 166,326–7; Mar. 27.
Fertilizers. Rogers & Hubbard Company. 170,076; July 10; Serial No. 166,713; published Apr. 3, 1923.
Fertilizers. U. S. Industrial Chemical Co. 175,892; Nov. 13; Serial No. 141,284; published Sept. 4, 1923.
Fertilizers and fertilizer compounds. D. B. Filloon. 164,409; Feb. 20.
Fertilizers and lime for fertilizers. Lancaster Bone Fertilizer Co. Inc. 171,548; Aug. 7; Serial No. 178,260; published May 15, 1923.
Fertilizers and manure, Fish. Newfoundland Fish Products, Limited. 164,003; Feb. 6.
Fertilizers, Commercial. C. S. Page. 166,311; Mar. 27.
Food for plants, Germ. H. Vaisberg. 166,974; Apr. 17.
Gas-generating means. S. P. Wetherill, jr. 170,498; July 17; Serial No. 170,848; published Apr. 17, 1923.
Guano. American Agricultural Chemical Company. 166,054; Mar. 27; Serial No. 168,347; published Nov. 7, 1922.
Lime or pulverized limestone, Agricultural. New Castle Lime & Stone Company. 172,183; Aug. 21.
Mulch for use in agriculture and horticulture, Forcing. C. F. Eckart. 163,736; Jan. 23.
Mulch, Forcing. C. F. Eckart. 163,687; Jan. 23.
Phosphate, general mixed fertilizers, etc. Potassium. Industrial Chemical & Fertilizer Company. 166,823; Apr. 17; Serial No. 173,831; published Feb. 13, 1923.
Phosphate, Ground soft. Lakeland Phosphate & Fertilizer Company. 166,021; Mar. 27; Serial No. 163,453; published Dec. 19, 1922.
Plant food. A. L. Kreiss. 164,257; Feb. 13.
Plant food. T. W. Wood & Sons. 168,427; May 22; Serial No. 172,251; published Feb. 20, 1923.
Plant foods and fertilizers. Garden City Company. 163,069; Jan. 2.
Sulphur, Agricultural. San Francisco Sulphur Co. 168,348; May 22; Serial No. 134,438; published Feb. 20, 1923.

CLASS 11.

Ink, Compound used for addition to printing. F. Dedonato. 165,344; Mar. 6; Serial No. 164,240; published Nov. 7, 1922.
Ink, Indelible. Payson's Indelible Ink Co. 165,345; Mar. 6; Serial No. 164,946; published Nov. 14, 1922.
Ink, Printing. Geo. H. Morrill Co. 174,780; Oct. 23; Serial No. 156,499; published July 10, 1923.
Ink, Printing. Queen City Printing Ink Company 24,402; renewed Mar. 20, 1924.
Ink and fluid, Writing. Guild Products Corporation. 169,228; June 12; Serial No. 165,545; published Mar. 6, 1923.
Ink for stenciling, Waterproof. E. Enzler. 168,441; May 22; Serial No. 170,813; published Feb. 20, 1923.
Ink, typewriter ribbons, carbon paper, etc., Writing. Deemer & Company. 174,667; Oct. 23; Serial No. 171,206; published June 19, 1923.
Ink, Writing. Dello Ink Corp. 175,740–1; Nov. 13; Serial Nos. 178,658–9; published Aug. 21, 1923.
Ink, Writing. Hygeia Glass Corporation. 166,592; Apr. 10; Serial No. 165,996; published Dec. 26, 1922.
Inks. Barnängens Teckn. Fabrikers A. Bolag. 169,452; June 19; Serial No. 172,722; published Mar. 27, 1923.
Inks. Barnängens Teckn. Fabrikers A. B. 169,453; June 19; Serial No. 172,720; published Mar. 27, 1923.
Inks. Standard Wall Paper Co. 164,431; Feb. 20.
Inks and ink powders, ink capsules and tablets. B. Jablonower. 177,675; Dec. 25; Serial No. 180,478; published Oct. 9, 1923.
Inks, blacks, etc. Sigmund Ullman Company. 174,734; Oct. 23; Serial No. 156,473; published July 24, 1923.
Inks, inked ribbon and carbon papers. Carter's Ink Company. 166,309; Mar. 27.
Inks, Lithographing. Aurich & Wolf. 164,314; Feb. 20.
Inks, Printing. American Printing Ink Company. 168,302; May 15.
Inks, Printing. Commonwealth Color & Chemical Co. 174,620; Oct. 23; Serial No. 179,357; published July 24, 1923.
Inks, Printing. J. M. Huber. 165,343; Mar. 6; Serial No. 163,980; published Nov. 14, 1922.
Inks, Printing. Jaenecke-Ault Company. 166,339; Mar. 27.
Inks, Printing. Jaenecke-Ault Company. 171,318; Aug. 7; Serial No. 168,135; published Apr. 24, 1923.
Inks, Printing. Jaenecke-Ault Company. 172,430–1; Aug. 28; Serial Nos. 176,740–1; published May 15, 1923.
Inks, Printing. Lewis Roberts, Inc. 174,900; Oct. 23; Serial No. 178,629; published July 24, 1923.
Inks, Printing. Queen City Printing Ink Company. 164,400; Feb. 20.
Inks, Printing. Queen City Printing Ink Company. 172,272; Aug. 28; Serial No. 177,619; published May 15, 1923.
Inks, Printing. Queen City Printing Ink Company. 172,294–5; Aug. 28; Serial Nos. 177,865–6; published May 15, 1923.
Inks, Printing. Thermatomic Carbon Co. 166,590; Apr. 10; Serial No. 167,905; published Dec. 26, 1922.
Inks, Printing and lithographic. Fuchs & Lang Manufacturing Company. 163,472; Jan. 16.
Inks, Printing and lithographic. Howard Flint Ink Co. 166,684; Apr. 10; Serial No. 168,602; published Dec. 26, 1922.
Inks, Printing and lithographing. W. D. Wilson Printing Ink Co. 169,005; May 29.
Inks, Writing. V. A. Gleich. 174,700; Oct. 23; Serial No. 175,784; published June 26, 1923.
Inks, Writing. C. G. Hickok. 175,865; Nov. 13; Serial No. 175,312; published Aug. 21, 1923.
Inks, Writing. R. T. Pollock. 165,341; Mar. 6; Serial No. 163,107; published Nov. 7, 1922.
Paper, Carbon. Kee Lox Manufacturing Company. 172,001; Aug. 21; Serial No. 153,297; published May 8, 1923.
Paper, Carbon. Kee Lox Manufacturing Company. 172,268; Aug. 28; Serial No. 177,384; published May 15, 1923.
Paper, Carbon. C. R. Leonard. 177,753; Dec. 25; Serial No. 179,007; published Oct. 9, 1923.
Paper, Carbon. H. M. Storms Company. 172,627; Sept. published Sept. 4, 1923.
Paper and typewriter ribbons, Carbon. Buckeye Ribbon & Carbon Co. 171,183; July 31; Serial No. 172,080; published Apr. 24, 1923.
Paper, typewriter and multigraph ribbon, Carbon. W. J. Johnson. 171,074; July 31; Serial No. 171,221; published Apr. 24, 1923.
Preparation for mixing with printing ink to give body thereto. H. Auld. 169,015; May 29.

Stamping leaf for use on hot press. R. W. Grauert. 177,729; Dec. 25; Serial No. 176,340; published Oct. 9, 1923.
Typewriter ribbons. Blackbird Factories, Inc. 171,195; July 31; Serial No. 146,950; published Apr. 24, 1923.
Typewriter ribbons and carbon paper. Columbia Ribbon & Carbon Mfg. Co. 168,426; May 22; Serial No. 172,320; published Feb. 20, 1923.
Typewriter ribbons and carbon paper. Waters & Waters Mfg. Co. 166,591; Apr. 10; Serial No. 167,788; published Dec. 26, 1922.
Writing fluids. A. B. Flagg. 166,655; Apr. 10; Serial No. 148,139; published Dec. 26, 1922.
Writing fluids, fountain-pen ink, stamp-pad ink, etc. C. C. Hatcher. 165,062; Mar. 6; Serial No. 166,073;

CLASS 12.

Asphalt. Kentucky Rock Asphalt Co. 172,147; Aug. 21; Serial No. 178,047; published May 29, 1923.
Asphalt and composition roofing. I. J. Erikson. 167,457; May 1; Serial No. 167,939; published Dec. 19, 1922.
Asphalt and paving filler. Standard Oil Company. 169,351; June 12; Serial No. 171,663; published Mar. 27, 1923.
Asphalt and paving materials containing asphalt. Barber Asphalt Paving Company. 163,018; Jan. 2.
Asphalt and paving materials containing asphalt. Barber Asphalt Paving Company. 165,072; Mar. 6; Serial No. 163,373; published Oct. 10, 1922.
Asphalt and paving materials containing asphalt. Barber Asphalt Paving Company. 174,450; Oct. 16; Serial No. 163,965; published July 3, 1923.
Asphalt, asphalt cement, road asphalt, and paving-block filler. Barber Asphalt Paving Company. 167,872; May 8; Serial No. 168,444; published Feb. 20, 1923.
Asphalt products. Texas Company. 165,370; Mar. 6; Serial No. 161,157; published Nov. 28, 1922.
Asphalt shingles and roofing. Lumber Service Corporation. 175,244; Oct. 30.
Asphalt strip shingles, asphalt prepared roofings, etc. Lockport Paper Co. 165,159; Mar. 6; Serial No. 147,298; published Oct. 17, 1922.
Asphaltum. American Asphalt Association. 176,902; Dec. 4.
Beams and rolled-metal channels and angles, Rolled-metal. Carnegie Steel Company. 165,082; Mar. 6; Serial No. 158,757; published Oct. 17, 1922.
Bituminous compositions. Richardson Company. 169,299; June 12; Serial No. 167,017; published Mar. 27, 1923.
Board, Fiber. J. P. Lewis Company. 165,201; Mar. 6; Serial No. 167,472; published Nov. 28, 1922.
Brick. Glasgow Clay Products Company. 165,087; Mar. 6; Serial No. 156,574; published Oct. 17, 1922.
Brick. Stevens Brothers and Company. 169,326; June 12; Serial No. 174,705; published Mar. 27, 1923.
Brick and tile. Acme Brick Company. 168,050; May 15; Serial No. 169,666; published Feb. 20, 1923.
Brick, Fire and other. American Arch Company. 174,558; Oct. 23; Serial No. 158,967; published July 17, 1923.
Brick, fire-brick cement, fire clay, and tile, Fire. A. P. Green Fire Brick Co. 171,609–12; Aug. 7; Serial Nos. 173,486–9; published May 1, 1923.
Brick, fire-brick cement, and fire-clay tile, Fire. A. P. Green Fire Brick Co. 176,100; Nov. 13.
Brick, fire-brick patching material and plastic furnace lining, Fire. A. P. Green Fire Brick Co. 168,512; May 22.
Brick, fire clay, etc. Pacific Clay Products Co. 167,519; May 1; Serial No. 165,714; published Jan. 30, 1923.
Bricks. Fiske & Company. 173,065; Sept. 11.
Bricks. Fiske & Company. 175,693; Nov. 6.
Bricks. F. Graham Williams Brick Co., Inc. 167,425; May 1; Serial No. 166,585; published Dec. 19, 1922.
Bricks. Sumter Brick Works. 175,046; Oct. 30; Serial No. 179,629; published Aug. 7, 1923.
Bricks. United States Refractories Co. 172,921; Sept. 11; Serial No. 177,254; published June 5, 1923.
Bricks and furnace, kiln, burner, and other refractory parts made of fire-brick material, Fire. New Castle Refractories Co. 166,969; Apr. 17.
Bricks and roofing tile, Building. N. Esperson. 174,466; Oct. 16; Serial No. 171,586; published July 3, 1923.
Bricks and roofing tile, Building. N. Esperson. 175,391; Nov. 6; Serial No. 171,587; published Aug. 28, 1923.
Bricks and special shapes of clay, tile, and brick, Refractory. American Refractories Company. 169,200–1; June 12; Serial Nos. 169,046–7; published Feb. 27, 1923.
Bricks and tile, Fire. Crescent Refractories Company. 167,469; May 1; Serial No. 166,984; published Dec. 19, 1922.
Bricks and tiles. Shope Brick Company. 172,498; Aug. 28.
Bricks, retorts, tiles, quarles, and other articles made of fire clay. Joseph Cowen & Co. 23,653; renewed Sept. 26, 1923.
Building materials. St. Anonyme du Fibrociment et des Revetements Elo. 171,444; Aug. 7; Serial No. 159,539; published May 1, 1923.
Building materials. Ste. Anme. du Fibrociment et des Revetements Elo. 171,512; Aug. 7; Serial No. 159,540; published May 22, 1923.
Building materials, Liquid integral used in mixing. Adensite Co. 175,086; Oct. 30; Serial No. 180,317; published Aug. 7, 1923.
Building specialties, Metal. Donley Brothers Co. 169,590; June 26; Serial No. 154,491; published Mar. 13, 1923.
Buildings and metal for doors and locks, Metal material for portable. L. S. Frost. 173,093; Sept. 18; Serial No. 177,665; published June 12, 1923.
Calcined gypsum, plaster of Paris, wall plaster, gauging plaster. United States Gypsum Company. 167,733; May 8; Serial No. 159,633; published Jan. 30, 1923.
Cedar wood used in lining closets. A. W. Anderson Corporation. 163,008; Jan. 2.
Ceilings and side walls, pressed-brick siding, V-crimped roofing, etc., Metal. Olsen & Marggraf, Inc. 169,316; June 12; Serial No. 169,922; published Feb. 27, 1923.
Cement and concrete blocks, bricks, and building units. R. E. White. 174,598; Oct. 23; Serial No. 178,200; published July 17, 1923.
Cement and concrete hardener, Roofing and joint. Argus Manufacturing Company. 163,012; Jan. 2.
Cement and ice-can cement, Roof. Black Diamond Paint and Varnish Works. 169,011; May 29.
Cement and stucco, Building. National Kellastone Co. 170,126; July 10; Serial No. 155,028; published Aug. 29, 1922.
Cement, Asbestos. Smith & Kanzler. 175,162; Oct. 30; Serial No. 181,047; published Aug. 7, 1923.
Cement, Composition for use in hardening. Sullivan Company. 169,436; June 19; Serial No. 173,305; published Mar. 27, 1923.
Cement, Fire-resisting. Jointless Fire-Brick Co. 176,070; Nov. 13; Serial No. 181,568; published Sept. 4, 1923.
Cement, High-temperature. Western Materials Company. 175,726; Nov. 13; Serial No. 179,249; published Sept. 4, 1923.
Cement masonry, Liquid hardener for. Anti-Hydro Waterproofing Company. 163,009; Jan. 2.
Cement, Material used to hasten the setting and lower the freezing point of. T. L. Benson. 169,922; July 3.
Cement, Material used to hasten the setting and lower the freezing point of. Shreveport Chemical Company. 173,071; Sept. 11.
Cement plaster, wood-fiber plaster, Portland cement, stucco, gypsum finish, plaster board, etc. Cutler-Magner Co. 163,046; Jan. 2.
Cement, Plastic or semiplastic. James B. Sipe & Co. 171,582; Aug. 7; Serial No. 175,218; published May 22, 1923.
Cement, Portland. Nebraska Cement Company. 173,091; Sept. 18; Serial No. 177,687; published June 12, 1923.
Cement, Portland. Security Cement & Lime Co. 167,522; May 1; Serial No. 165,761; published Jan. 9, 1923.
Cement, Portland. Security Cement & Lime Co. 168,650; May 29; Serial No. 165,762; published Feb. 13, 1923.
Cement, Portland. United States Portland Cement Company. 172,913; Sept. 11; Serial No. 178,642; published June 5, 1923.
Cement, Roof. H. Ruben. 175,040; Oct. 30; Serial No. 178,409; published Aug. 7, 1923.
Cement, Roofing. L. F. Guerre. 167,585; May 1; Serial No. 170,136; published Jan. 9, 1923.
Cement, Roofing. Pioneer Manufacturing Company. 168,213; May 15; Serial No. 141,870; published Feb. 6, 1923.
Cement, Waterproofing compound for. Torbay & Dart Paint Co. Limited. 173,115; Sept. 18; Serial No. 169,692; published June 19, 1923.
Cementitious composition. Sani-Stone. 165,276; Mar. 6; Serial No. 154,388; published Nov. 28, 1922.
Cementitious material, Dry powdery, Philadelphia Mineral Flooring Company. 165,917; Mar. 20.
Cements. Lava Crucible Company of Pittsburgh. 169,288; June 12; Serial No. 162,119; published Mar. 27, 1923.
Cements and protective plaster coatings, Refractory. Furnaseal Mfg. Co. 175,802; Nov. 13; Serial No. 179,405; published Sept. 4, 1923.
Cements, High-temperature. Smith-Beal Fire Brick Co. 176,721; Nov. 27; Serial No. 170,904; published Apr. 24, 1923.
Cements, Portland. Super Cement (America) Company. 173,072; Sept. 11.
Ceramic products for building purposes, face brick, terra cotta, etc. Ceramic Products Corp. 169,242; June 12; Serial No. 169,967; published Mar. 13, 1923.
Coal tar and roofing. Metropolitan Roofing Material Co. 169,294; June 12; Serial No. 165,555; published Mar. 27, 1923.
Composition structures and molded composition building tile, Molded. Magnete Corporation Company. 167,759; May 8; Serial No 170,497; published Feb. 6, 1923.
Concrete construction, Floor clips for fastening wooden floors or the like to a. Bull Dog Floor Clip Company. 171,442; Aug. 7; Serial No. 160,480; published Apr. 24, 1923.
Concrete hardener and accelerator. Semet-Solvay Company. 169,438; June 19; Serial No. 173,250; published Mar. 27, 1923.

Classified list of trade-marks registered—Continued.

Concrete, Material for use in. Hampden Paint & Chemical Co. 177,801; Dec. 25.
Concrete piles, casting and driving forms or channels for concrete piles. Giant Concrete Pile Co. 167,498; May 1; Serial No. 134,563; published Dec. 19, 1922.
Construction material, millwork, and manufactured lumber. Virginia Woodworking Co. 166,736; Apr. 10.
Construction materials. Wheeling Metal & Manufacturing Co. 167,971; May 8.
Construction materials for stone veneer for walls, building blocks, bricks, etc. J. W. Newman. 169,209; June 12; Serial No. 168,330; published Mar. 13, 1923.
Corner beads, metal door casings, etc. Knapp Brothers Manufacturing Company. 172,674; Sept. 11; Serial No. 174,082; published June 5, 1923.
Coverings, waterproof cements, liquid cements, etc., Non-heat-conducting. Johns-Manville Incorporated. 165,899; Mar. 20.
Dampproofing, Foundation. Sherwin-Williams Company. 171,677; Aug. 7.
Door and window frames. Bradley Miller & Co. 165,375; Mar. 6; Serial No. 160,331; published Oct. 10, 1922.
Doors. Morgan Company. 167,516; May 1; Serial No. 165,404; published Jan. 9, 1923.
Doors and sashes. Memphis Sash & Door Co. 175,526; Nov. 6; Serial No. 181,136; published Aug. 21, 1923.
Doors and windows, Metal-covered. Empire Fire-Proof Door Co. 167,056; Apr. 24; Serial No. 160,756; published Nov. 7, 1922.
Doors, moldings, veneered panels, plywood, etc., Fir. Wheeler, Osgood Company. 175,831; Nov. 13; Serial No. 182,027; published Sept. 4, 1923.
Felt, building paper, deadening felt, etc., Asphalt-saturated roofing. Baker, Hamilton and Pacific Company. 175,074; Oct. 30; Serial No. 170,353; published Aug. 7, 1923.
Felt roofing and sheathing. Barrett Company. 169,149; June 12; Serial No. 160,992; published Feb. 27, 1923.
Fiber board. Agasote Millboard Co. 163,003; Jan. 2.
Fiber board. M. Chew. 168,371; May 22; Serial No. 163,324; published Feb. 13, 1923.
Fire brick. Arkansas Brick and Tile Co. 177,808; Dec. 25.
Fire brick. Stevens Brothers and Company. 169,465; June 19; Serial No. 174,706; published Mar. 27, 1923.
Fire brick, tile, and articles made of fire clay. Harbison & Walker. 24,272–3; renewed Feb. 20, 1924.
Fire-clay goods. Gartcraig Fire Clay Company. 167,576; May 1; Serial No. 166,550; published Jan. 9, 1923.
Fireproof non-heat-conducting materials. Johns-Manville, Incorporated. 172,918; Sept. 11; Serial No. 177,786; published June 5, 1923.
Flooring, Hardwood. L. D. Leach & Company. 171,566; Aug. 7; Serial No. 174,017; published Mar. 27, 1923.
Flooring, Wood. Albemarle Mills Company. 169,338; June 12; Serial No. 173,312; published Mar. 27, 1923.
Floors and pavements, coatings, mastics, etc., for same. Jennison-Wright Co. 174,788; Oct. 23; Serial No. 131,736; published July 17, 1923.
Floors, walls, and decorative purposes, Composition materials for. T. Hostetter. 165,368; Mar. 6; Serial No. 161,727; published Aug. 29, 1922.
Furniture, Fiber cord used in making wicker or fiber. Grand Rapids Fibre Cord Company. 165,200; Mar. 6; Serial No. 167,388; published Dec. 12, 1922.
Garages. P. A. Roberts Construction Co. 175,540; Nov. 6; Serial No. 180,619; published Aug. 21, 1923.
Garages, Portable metallic. J. A. Baldwin. 167,511; May 1; Serial No. 166,341; published Jan. 30, 1923.
Gratings for floorings and staircases, Metal. Irving Iron Works Company. 169,336; June 12; Serial No. 173,499; published Mar. 27, 1923.
Gypsum, stucco, and wall plaster, Calcined. United States Gypsum Company. 172,143; Aug. 21; Serial No. 176,862; published May 29, 1923.
Gypsum, stucco, and wall plasters, Calcined. United States Gypsum Company. 175,113; Oct. 30; Serial No. 176,863; published Aug. 7, 1923.
Insulating material. Wood Conversion Company. 167,562; May 1; Serial No. 167,790; published Jan. 9, 1923.
Insulating material, Felt. American Hair Felt Company. 169,332; June 12; Serial No. 174,354; published Mar. 27, 1923.
Insulating paper. Barrett Company. 170,200; July 10; Serial No. 173,345; published Apr. 3, 1923.
Lath and corner beads, Metal. Expanded Metal Engineering Company. 167,722; May 8; Serial No. 149,741; published Jan. 30. 1923.
Lath and expanded-metal reenforcements for concrete structures, Metal. Bostwick Steel Lath Company. 169,095; June 5.
Lath and reenforcements, channel irons, etc., Expanded-metal. Bostwick Steel Lath Company. 169,094; June 5.
Lath, expanded metal corner beads, etc., Metal. Youngstown Pressed Steel Company. 163,264; Jan. 2.
Lathing, Sheet. Sheet Lathing Corporation. 169,512; June 19; Serial No. 171,962; published Mar. 27, 1923.
Laths. Midwest Steel & Supply Company. 163,859; Jan. 30.
Laths and lumber. Bolcom Canal Lumber Co. 172,134; Aug. 21; Serial No. 176,012; published May 29, 1923.
Lime. Brewer & Company. 171,535; Aug. 7; Serial No. 175,129; published May 8, 1923.
Lime. Kimbalton Lime Company. 170,497; July 17; Serial No. 170,822; published Apr. 17, 1923.
Lime. National Lime & Stone Company. 168,450; May 22; Serial No. 170,207; published Jan. 30, 1923.
Lime. National Mortar and Supply Company of Pittsburg. 169,341; June 12; Serial No. 173,102; published Mar. 27, 1923.
Lime. Rockcastle Cement & Lime Company. 175,561; Nov. 6; Serial No. 179,113; published Aug. 21, 1923.
Lime, Ground and hydrated. Security Cement & Lime Co. 174,447; Oct. 16; Serial No. 165,760; published July 3, 1923.
Lime, Manufactured. Marble Head Lime Co. 23,101; renewed May 23, 1923.
Lime, plaster, cement, and mixtures of cement and sand. Cutler-Magner Co. 167,461; May 1; Serial No. 167,295; published Dec. 19, 1922.
Limestone, chalk whiting, chalk, asphalt filler, and whiting, Ground. Krippendorf-Tuttle White Cliffs Products Co. 174,406; Oct. 16; Serial No. 176,482; published July 3, 1923.
Lining, bricks, cements, and furnace bottom grains, etc., Refractory. Vitrefrax Company. 171,363; Aug. 7; Serial No. 170,417; published May 8, 1923.
Lining, mastic fire walls, cements, etc., Refractory. Vitrefrax Company, Inc. 171,364–5; Aug. 7; Serial Nos. 170,414–15; published May 8, 1923.
Liquid for use with concrete and cement mixtures. Anti-Hydro Waterproofing Company. 169,330; June 12; Serial No. 174,423; published Mar. 27, 1923.
Lumber. J. H. Burton & Sons Co. 170,194; July 10; Serial No. 173,400; published Apr. 3, 1923.
Lumber. Hamilton-Hill Veneer Co. 163,083; Jan. 2.
Lumber. W. L. Kann. 174,412; Oct. 16; Serial No. 174,661; published June 26, 1923.
Lumber. Geo. M. Spiegle & Co. 171,424; Aug. 7; Serial No. 172,018; published May 1, 1923.
Lumber, laths, molding, sidings. Pelican Bay Lumber Company. 175,922; Nov. 13; Serial No. 180,078; published Sept. 4, 1923.
Lumber, Manufactured. Smith & Wyman Co. 171,674; Aug. 7.
Lumber, shingles, and wood flooring. Worcester Lumber Company. 163,211; Jan. 2.
Material, Composite. Continental Fibre Company. 174,392; Oct. 16; Serial No. 174,236; published July 17, 1923.
Material for lining and repairing structures, Refractory. Quigley Furnace Specialties Company. 165,193; Mar. 6; Serial No. 168,169; published Nov. 28, 1922.
Metal rods, etc., for reenforcing concrete metallic lathing and studding, etc. Corrugated Bar Company. 174,978; Oct. 30; Serial No. 148,647; published Aug. 14, 1923.
Mineral aggregate as ingredients for road surfacing, pavements, floors, etc. Copperstone Products Co. 172,920; Sept. 11; Serial No. 177,277; published June 5, 1923.
Nail strips, Metallic. McKay Metallic Fastening Association. 23,104; renewed May 23, 1923.
Paper, Roofing. A. R. Stansbury, Inc. 169,354; June 12; Serial No. 172,128; published Mar. 27, 1923.
Paper, Sheathing, building, and lining. S. Austin Bicking Paper Manufacturing Company. 165,372; Mar. 6; Serial No. 160,656; published Nov. 7, 1922.
Paper, Sheathing, waterproof building, roofing, etc. Highland Lake Paper Company. 171,471; Aug. 7; Serial No. 178,610; published May 22, 1923.
Paper, tar felt, and asphalt shingles, Sheathing, etc. Highland Lake Paper Company. 174,597; Oct. 23; Serial No. 178,611; published July 17, 1923.
Partitions in buildings, for doors, wardrobes, and the like, Wood rolling. J. W. Monroe. 170,574; July 17; Serial No. 166,705; published Apr. 17, 1923.
Pavements and floors and materials therefor. Jennison-Wright Co. 174,789; Oct. 23; Serial No. 131,735; published July 17, 1923.
Paving, coating, industrial flooring, etc., Agglomerating material for street. A. Godi di Godio. 166,187; Mar. 27; Serial No. 161,125; published Oct. 17, 1922.
Paving mixture. D. A. Casey. 163,035; Jan. 2.
Pipe coating, acidproof tank lining, etc. Standard Asphalt & Refining Company. 175,805; Nov. 13; Serial No. 131,987; published Sept. 4, 1923.
Pipe covering. Johns-Manville, Incorporated. 176,709; Nov. 27; Serial No. 183,155; published Sept. 18, 1923.
Pipe covering, prepared asbestos roofing, asbestos paper, and millboard. Johns-Manville Incorporated. 168,811; May 29; Serial No. 170,025; published Jan. 9, 1923.
Pipe joints, Compound for sealing metallic. Staso Milling Company. 166,991; Apr. 17.
Pipe linings and coverings. C. W. Allison. 163,005; Jan. 2.
Pipe, tile water pipe, tile conduit pipe, etc., Vitrified salt-glazed sewer. Pacific Clay Products Co. 167,520; May 1; Serial No. 165,715; published Jan. 30, 1923.
Pipes, Paste packing for steam. Ever-Ready Paste Packing Company. 169,552; June 19.
Plaster. Iowana Gypsum Products Co. 169,589; June 26; Serial No. 154,603; published Feb. 6, 1923.

Plaster. Paul Mende Inc. 172,979; Sept. 11; Serial No. 175,433; published June 12, 1923.
Plaster. Plymouth Gypsum Co. 168,667; May 29; Serial No. 153,617; published Jan. 9, 1923.
Plaster. Plymouth Gypsum Co. 168,666; May 29; Serial No. 153,618; published Dec. 26, 1922.
Plaster and gypsum tile, Ground and calcined. Arizona Gypsum Plaster Co. 169,013; May 29.
Plaster base and sheathing. Mid-West Box Company. 168,607; May 29; Serial No. 168,777; published Jan. 9, 1923.
Plaster-board and plaster wall board. United States Gypsum Company. 172,145; Aug. 21; Serial No. 177,804; published May 29, 1923.
Plaster compositions and composition flooring. Mechanically Applied Products Company. 165,205; Mar. 6; Serial No. 166,707; published Nov. 28, 1922.
Plaster for use in forming a vulcanizing pad. Murdock Vulcanizing Co. 171,354; Aug. 7; Serial No. 171,181; published May 1, 1923.
Plasterlike composition for a surfacing for floors, walls, roofs, etc. E. N. Biegler Manufacturing Co. 175,140; Oct. 30; Serial No. 180,412; published Aug. 7, 1923.
Plasters, Calcined gypsum wall. United States Gypsum Company. 172,927; Sept. 11; Serial No. 176,514; published June 5, 1923.
Plastic compound. Paraffine Companies, Inc. 165,913; Mar. 20.
Ply wood, veneer, sawed timber, and cork reenforced with sheet metal cemented to surfaces. Venesta Limited. 175,157; Oct. 30; Serial No. 180,912; published Aug. 7, 1923.
Posts and lumber, Cedar. Red Cedar Post & Lumber Company. 176,086; Nov. 13.
Preparations to be incorporated with mortar, cement, etc., for the purpose of coloring, hardening, etc., the setting. Master Builders Company. 174,470; Oct. 16; Serial No. 170,148; published July 3, 1923.
Refractory cements. E. J. Lavino and Company. 172,588; Sept. 11; Serial No. 170,029; published June 5, 1923.
Refractory linings for forges, smelters, etc., Refractory bricks, cements, etc. Vitrefrax Company. 174,664; Oct. 23; Serial No. 170,416; published July 17, 1923.
Refractory materials. Pyro Clay Products Company. 170,216; July 10; Serial No. 148,891; published Jan. 24, 1922.
Roof cement. Stelwagon Manufacturing Co. 163,537; Jan. 16.
Roof coating, Semiliquid asbestos. Durable Products Company. 175,195; Oct. 30; Serial No. 175,190; published Aug. 7, 1923.
Roof-edging device. F. W. Hennessy. 171,538; Aug. 7; Serial No. 174,834; published May 1, 1923.
Roof flashings. C. E. Cole. 165,160; Mar. 6; Serial No. 148,425; published Nov. 28, 1922.
Roofing and shingles. Johns-Manville Incorporated. 175,702; Nov. 6.
Roofing, Asphalt. Apco Asphalt Roofing Co. 168,526; May 22.
Roofing, Asphalt. Continental Roofing & Manufacturihg Co. 175,876; Nov. 13; Serial No. 180,050; published Sept. 4, 1923.
Roofing, Asphalt. J. W. Moore. 167,546–7; May 1; Serial No. 170,397–8; published Jan. 9, 1923.
Roofing, Composition. C. A. Nash & Son. 165,097; Mar. 6; Serial No. 162,036; published Nov. 28, 1922.
Roofing compound. W. R. Ford. 165,211; Mar. 6; Serial No. 162,730; published Oct. 31, 1922.
Roofing compounds and composition roofing material. Interstate Paint & Supplies Co. 171,574; Aug. 7; Serial No. 172,838; published May 22, 1923.
Roofing compounds, Plastic. Asbestos, Limited. 173,095; Sept. 18; Serial No. 177,263; published June 12, 1923.
Roofing, Green mineral surfaced. Continental Roofing & Manufacturing Co. 175,923; Nov. 13; Serial No. 180,049; published Sept. 4, 1923.
Roofing material. Continental Roofing & Manufacturing Co. 175,877; Nov. 13; Serial No. 180,051; published Sept. 4, 1923.
Roofing materials. S. F. Frazer. 173,112; Sept. 18; Serial No. 171,417; published June 12, 1923.
Roofing materials. Oertel Roofing Manufacturing Company. 174,551; Oct. 23; Serial No. 162,442; published July 17, 1923.
Roofing, Mineral-surfaced roll. Barrett Company. 163,021; Jan. 2.
Roofing, Prepared. Federal Asbestos Co. 167,614; May 1; Serial No. 148,991; published Jan. 2, 1923.
Roofing, Prepared. Heppes-Nelson Roofing Company. 163,088; Jan. 2.
Roofing, Rag fiber and asphalt. Oertel Roofing Manufacturing Company. 174,962; Oct. 30; Serial No. 160,149; published Aug. 7, 1923.
Roofing, Ready felt. Barrett Company. 174,747; Oct. 23; Serial No. 168,508; published July 17, 1923.
Roofing, slate surfaced and talc surfaced, Asphalt. Mooney, Douglas & Pearson, Inc. 172,773; Sept. 11; Serial No. 172,486; published June 5, 1923.
Roofings, Composition. Victory Products, Inc. 163,199; Jan. 2.
Roofings, roofing and building papers, etc., Prepared. Montgomery Ward & Co. 176,009; Nov. 13; Serial No. 183,079; published Sept. 4, 1923.
Roofings, shingles, and strip shingles, Bituminized. Ruberoid Co. 176,011; Nov. 13; Serial No. 182,721; published Sept. 4, 1923.
Roofs, sidings, and other building structures, Self-adhering fabrics for weatherproofing. A. C. Fischer. 172,499; Aug. 28.
Rubber tiling. Fellsway Rubber Co. 172,148; Aug. 21; Serial No. 178,338; published May 29, 1923.
Screen doors, windows, and transoms and frames for same. F. E. Schoenberg Mfg. Co. 167,000; Apr. 17.
Sewer pipe and tile, except metal and porcelain. Tropico Potteries, Inc. 167,910; May 8; Serial No. 169,097; published Jan. 30, 1923.
Shingle strips. Sifo Products Company. 172,689; Sept. 11; Serial No. 155,836; published June 5, 1923.
Shingles. Creo-Dipt Company. 165,369; Mar. 6; Serial No. 161,175; published Oct. 17, 1922.
Shingles. John Schroeder Lumber Co. 167,467; May 1; Serial No. 167,029; published Dec. 19, 1922.
Shingles and sheet roofing and asphalt roll roofing, Flexible asphalt. Stowell Manufacturing Co. 165,168; Mar. 6; Serial No. 142,106; published Oct. 10, 1922.
Shingles, Asphalt. Lehon Company. 167,908; May 8; Serial No. 168,975; published Jan. 9, 1923.
Shingles, Cedar. Woodlawn Mill & Broom Company. 163,209; Jan. 2.
Shingles, Cedar. Woodlawn Mill & Boom Co. 171,378; Aug. 7; Serial No. 148,857; published Oct. 12, 1922.
Shingles, cements, plaster, roofing, shingles, etc., Asphalt. Fries, Beall & Sharp Co. 168,384; May 22; Serial No. 169,583; published Feb. 13, 1923.
Shingles, siding, and finishing lumber. Vancouver Cedar Mills, Limited. 175,080; Oct. 30; Serial No. 169,515; published Aug. 14, 1923.
Shingles, Stained wooden. J. S. Williams. 175,158; Oct. 30; Serial No. 180,916; published Aug. 7, 1923.
Sidings, baseboards, window casings, and moldings. Star Wood Products Company. 168,712; May 29; Serial No. 158,493; published Feb. 20, 1923.
Skylights. Alfred C. Goethel Co. 173,055; Sept. 11; Serial No. 176,619; published June 12, 1923.
Sound-deadening and insulating fabric, Sanitary. Richardson Company. 169,335; June 12; Serial No. 173,533; published Mar. 27, 1923.
Steel and reenforcing bars for concrete construction, Fabricated structural. Consolidated Steel Corporation. 169,138; June 12; Serial No. 155,485; published Mar. 13, 1923.
Steel for buildings, bridges, towers, etc., Manufactured structural. Pittsburgh-Des Moines Steel Company. 167,867; May 8; Serial No. 168,940; published Feb. 20, 1923.
Steel roofing, siding, and ceilings, metal lath and lumber, etc. United Alloy Steel Corporation. 163,192; Jan. 2.
Steel, Structural. Bethlehem Steel Company. 171,606; Aug. 7; Serial No. 173,738; published May 1, 1923.
Stone and composition for making same, Artificial. L. D. Harter. 168,662; May 29; Serial No. 155,497; published May 16, 1922.
Structural members. Bethlehem Fabricators, Inc. 174,750; Oct. 23; Serial No. 167,795; published July 17, 1923.
Stucco. Atlas Portland Cement Company. 163,015; Jan. 2.
Stucco. St. Louis Material & Supply Company. 167,407; May 1; Serial No. 168,224; published Dec. 26, 1922.
Stucco and composition of cementitious nature for making flooring. Ritestone Products Corporation. 172,914; Sept. 11; Serial No. 178,628; published June 5, 1923.
Stucco compositions. Brandt & Hollerbaugh. 165,153; Mar. 6; Serial No. 144,012; published Oct. 10, 1922.
Stucco material. R. B. Tyler Co. 167,515; May 1; Serial No. 165,101; published Jan. 9, 1923.
Tile and blocks, Cement. W. E. Dunn Manufacturing Company. 165,086; Mar. 6; Serial No. 156,571; published Oct. 31, 1922.
Tiles and bricks for furnaces, Refractory. Laclede-Christy Clay Products Company. 171,671; Aug. 7.
Tiles and moldings, Cement. Tent-Tile Company. 163,542; Jan. 16.
Veneer panels for use in manufacture of furniture, etc. Batesville Lumber & Veneer Co. 163,022; Jan. 2.
Wall board, shingles, tiles, etc. Leolith Products Corporation. 172,682; Sept. 11; Serial No. 162,995; published June 5, 1923.
Wall boards, lining for houses, plaster bases, etc., Composition of material for. Dahlberg & Company. 167,788; May 8; Serial No. 166,175; published Feb. 6, 1923.
Wall boards, linings for houses, plaster bases, etc., Composition of material for. Dahlberg & Company. 167,870; May 8; Serial No. 168,575; published Feb. 6, 1923.
Wall or plaster board. S. A. Blair. 170,522; July 17; Serial No. 174,723; published Apr. 17, 1923.
Waterproof and weatherproof roofings. Paraffine Companies. 163,146; Jan. 2.
Waterproof roofing sheets, and shingles. Barber Asphalt Paving Company. 163,017; Jan. 2.
Waterproofed roofing. Friend Brothers Company. 165,155; Mar. 6; Serial No. 151,155; published Oct. 17, 1922.
Waterproofing compound for building roofs. Acorn Refining Company. 169,931; July 3.

Waterproofing plastic compositions for roads and cement constructions. H. A. Gardner. 167,648–9; May 8; Serial Nos. 168,524–5; published Jan. 9, 1923.
Weather strips. E. J. Wirfs. 169,342; June 12; Serial No. 170,230; published Mar. 27, 1923.
Weather strips, Metal. F. W. Kammerer. 169,010; May 29.
Window and door sills, lintels, arches, etc. A. Moses. 176,056; Nov. 13; Serial No. 182,109; published Sept. 4, 1923.
Windows and window frames. Standard Comfort Window Corporation. 177,839; Dec. 25.
Wire fabric for reenforcing concrete roads. National Steel Fabric Company. 165,366; Mar. 6; Serial No. 162,037; published Nov. 28, 1922.
Wire lathing and welded sheathing. Wickwire Spencer Steel Corporation. 163,206; Jan. 2.
Wood panel board. Chester T. Sanderson Co. 167,590; May 1; Serial No. 169,828; published Jan. 9, 1923.
Wood, Ply. Elliott Bay Mill Company. 169,546; June 19.
Wood, Treated. Su-Dex Wood Curing Company. 175,383–4; Nov. 6; Serial Nos. 164,606–7; published Aug. 28, 1923.
Woodwork, Builders'. North St. Louis Planing Mill Co. 163,141; Jan. 2.

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Alloys, Metal. Seymour Manufacturing Company. 173,412; Sept. 25; Serial No. 177,744; published June 12, 1923.
Aluminum household, kitchen, and cooking utensils. Aluminum Company of America. 166,413; Apr. 3; Serial No. 167,115; published Jan. 2, 1923.
Anchor rods. A. B. Chance. 171,797; Aug. 14; Serial No. 176,324; published May 15, 1923.
Antiskid chains for vehicle wheels. American Chain Company. 166,334; Mar. 27.
Antiskid chains for vehicle wheels. American Chain Company. 174,342; Oct. 16; Serial No. 155,005; published June 6, 1922.
Automobile door hinges. Parsons Manufacturing Company. 164,348; Feb. 20.
Automobile pedal pads and accelerator heel rests. Auto Pedal Pad Co. 169,725; June 26.
Automobiles and the like, License-tag fasteners for. A. B. Aldrich. 176,470; Nov. 27; Serial No. 181,371; published Sept. 18, 1923.
Bathroom accessories. W. R. Hughes Co. 164,280; Feb. 20.
Bathroom and other fixtures, Supports for. J. A. Hoegger. 176,573; Nov. 27; Serial No. 178,503; published Sept. 18, 1923.
Bathroom fixtures. C. F. Church Manufacturing Co. 176,476; Nov. 27; Serial No. 181,110; published Sept. 18, 1923.
Bathroom fixtures, Vitreous-china. J. H. Balmer. 163,650; Jan. 23.
Baths, coffee and rice boilers, bowls, etc., Baby. Shapleigh Hardware Company. 174,106; Oct. 2; Serial No. 162,358; published July 3, 1923.
Bathtubs, screws, bolts and nuts, boot and shoe protectors, etc. Guthrie & Co. Limited. 163,890–1; Feb. 6.
Belt fasteners. Fexible Steel Lacing Company. 170,470; July 17; Serial No. 167,870; published Apr. 17, 1923.
Ribs, Quick-compression. E. Stebbins Manufacturing Company. 170,238; July 10; Serial No. 174,271; published Apr. 3, 1923.
Bolt anchors and expansion shields. Star Expansion Bolt Company. 168,116; May 15; Serial No. 152,729; published Feb. 27, 1923.
Bolt anchors and expansion shields and parts therefor. Diamond Expansion Bolt Co. 173,587; Sept. 25.
Bolts. Lamson & Sessions Company. 164,579; Feb. 20.
Bolts and rivets. Lamson & Sessions Company. 165,618; Mar. 13; Serial No. 167,304; published Dec. 19, 1922.
Bolts, rivets, and spikes. Milton Manufacturing Company. 173,705; Oct. 2; Serial No. 177,190; published June 12, 1923.
Bridle wires, Rings for stringing. Diamond Expansion Bolt Co. 175,554–5; Nov. 6; Serial Nos. 179,782–3; published Aug. 21, 1923.
Carburetors. I. R. Zarracina. 169,184; June 12; Serial No. 172,711; published Mar. 27, 1923.
Casters. Faultless Caster Co. 168,481; May 22; Serial No. 168,463; published Feb. 20, 1923.
Casters. Grennan Cake Corporation. 175,300; Nov. 6; Serial No. 181,593; published Aug. 14, 1923.
Casters, Pintles for. Bassick Company. 169,359; June 12; Serial No. 172,505; published Mar. 27, 1923.
Casters, Sliding. International Supply Company. 171,179; July 31; Serial No. 171,697; published Apr. 24, 1923.
Cast-iron pipe and fittings and other plumbers' supplies. Eastern Foundry Company. 176,579; Nov. 27; Serial No. 178,095; published June 12, 1923.
Chain connectors. J. F. Herman. 172,482; Aug. 28.
Chains. Columbus McKinnon Chain Company. 163,849; Jan. 30.
Chains. Columbus McKinnon Chain Company. 164,296; Feb. 20.
Chains. United States Chain & Forging Company. 164,382; Feb. 20.
Chains. Warner Brothers Company. 164,504; Feb. 20.
Chains, Driving. Duckworth Chain & Manufacturing Company. 165,749; Mar. 20; Serial No. 171,012; published Dec. 19, 1922.
Chains, Sheet-metal. Smith & Egge Manf'g. Co. 171,090; July 31; Serial No. 173,447; published Apr. 24, 1923.
Chains, Sheet-metal. Smith & Egge Manf'g. Co. 171,774; Aug. 14; Serial No. 173,446; published May 15, 1923.
Clamps and parts thereof, Hose. Ideal Clamp Mfg. Co. 167,247; Apr. 24; Serial No. 171,322; published Jan. 30, 1923.
Cocks. Red Hed Mfg. Co. 169,346–7; June 12; Serial Nos. 170,787–8; published Mar. 20, 1923.
Coffee-bag supports. J. T. Pedersen. 169,850; July 3; Serial No. 172,432; published Apr. 10, 1923.
Container holders, Beverage-. R. G. Mitchell. 170,464; July 17; Serial No. 161,733; published Apr. 17, 1923.
Cooker, Steam-pressure. Henry A. Poppert & Son Company. 168,944; May 29; Serial No. 172,686; published Mar. 6, 1923.
Cookers, Steam-pressure. Northwestern Steel & Iron Works. 163,914; Feb. 6.
Cooking utensils, Aluminum. Bremer Aluminum Corporation. 164,413–14; Feb. 20.
Cooking utensils, etc., over an open fire, Devices for supporting. Campfire Manufacturing Company. 174,103; Oct. 2; Serial No. 155,737; published July 3, 1923.
Cooking utensils, Metallic. Ham Boiler Corporation. 174,662; Oct. 23; Serial No. 170,138; published Mar. 20, 1923.
Couplings, pipes, tubes, and casings, Metal. National Tube Company. 171,830; Aug. 14; Serial No. 175,882; published May 1, 1923.
Culinary, household, and dairy utensils, Metal. Lisk Manufacturing Company. 169,178; June 12; Serial No. 169,860; published Mar. 20, 1923.
Culinary utensils, Aluminum. L. C. Jones. 171,734; Aug. 14; Serial No. 169,907; published May 22, 1923
Curtain brackets. J. H. Rogers. 170,260; July 10; Serial No. 170,729; published Apr. 3, 1923.
Curtain fixtures. Newill Mfg. Co. 165,762; Mar. 20; Serial No. 170,726; published Dec. 19, 1922.
Curtain rods, Metal. Sturgis Manufacturing Co. 163,679; Jan. 23.
Curtain rods, Metal. Turner & Seymour Manufacturing Co. 174,505; Oct. 16; Serial No. 180,456; published July 24, 1923.
Curtain rods, Metallic flat. C. J. Alden. 176,020; Nov. 13; Serial No. 176,867; published Sept. 4, 1923.
Dish pans. W. H. Hendricks. 173,416; Sept. 25; Serial No. 152,799; published June 26, 1923.
Doorchecks. No-Liquid Door Check Company. 177,275; Dec. 11; Serial No. 183,225; published Sept. 25, 1923.
Door-knob fasteners. Gripx, Manufacturing Co. 175,944; Nov. 13; Serial No. 173,079; published Aug. 28, 1923.
Doorstops. J. R. Emery. 175,324; Nov. 6; Serial No. 180,794; published Aug. 14, 1923.
Dowels, Ring. Timber Truss Co. of America. 167,220–1; Apr. 24; Serial Nos. 163,365–6; published Feb. 6, 1923.
Drainpipe traps, slop sinks, etc. Donley Brothers Company. 177,408; Dec. 18; Serial No. 178,829; published Oct. 2, 1923.
Eaves-trough hangers, nails, rivets, brackets, etc. F. O. Schoedinger. 174,677; Oct. 23; Serial No. 172,184; published July 24, 1923.
Egg slicers and cake forms. S. Robert. 173,193; Sept. 18; Serial No. 173,246; published June 19, 1923.
Enameled house and kitchen utensils of iron plate. Gebrüder Baumann. 164,417; Feb. 20.
Enameled ware consisting of rice boilers, mixing bowls, etc. Shapleigh Hardware Company. 166,408; Apr. 3; Serial No. 166,608; published Jan. 2, 1923.
Expansion joints, kettles, floats, etc. T. W. Dahlquist. 175,721; Nov. 6.
Fastening devices. H. L. Fenno. 177,117; Dec. 11; Serial No. 181,440; published Sept. 25, 1923.
Faucets, cocks, etc. W. C. Grosser. 173,972; Oct. 2; Serial No. 172,592; published July 10, 1923.
Fire hydrants, indicator posts, gate valves, etc. Kennedy Valve Mfg. Co. 171,709–10; Aug. 17; Serial Nos. 156,088–9; published May 22, 1923.
Floor and ceiling plates. Beaton & Cadwell Manufacturing Company. 163,672; Jan. 23.
Floor and ceiling plates. Beaton & Cadwell Manufacturing Company. 175,714; Nov. 6.
Floor and roof drains and metal inserts for building construction. Josam Manufacturing Company. 164,281; Feb. 20.
Fluid-pressure regulating and controlling instruments. Honeywell Heating Specialties Company. 176,762; Nov. 27; Serial No. 175,396; published Sept. 18, 1923.
Fountains and plumbing supplies, Drinking and ice-cooled. Century Brass Works, Inc. 176,943; Dec. 4.
Furniture slides. Turner & Seymour Manufacturing Co. 176,654; Nov. 27; Serial No. 181,922; published Sept. 18, 1923.
Furniture sliding shoes. Onward Manufacturing Company. 167,262; Apr. 24; Serial No. 167,144; published Feb. 6, 1923.

Gas brackets, and cocks, T's, elbows, and gas-range cocks, Brass fittings for. Federal Manufacturing Co. 167,250; Apr. 24; Serial No. 170,681; published Feb. 6, 1923.
Gates, Hydraulic. E. L. Broome. 169,858; July 3; Serial No. 172,028; published Apr. 10, 1923.
Hardware, Builders'. Reading Hardware Company. 23,325; renewed July 4, 1923.
Heel plates, toe plates, and toe protectors, Shoe. Sun Patent Developing Co. 175,412; Nov. 6; Serial No. 163,547; published Aug. 21, 1923.
Hinges. Way Works, Incorporated. 171,107; July 31; Serial No. 174,549; published Apr. 24, 1923.
Hinges, bolts, latches, handles, etc. Stanley Works. 168,943; May 29; Serial No. 172,693; published Mar. 6, 1923.
Hinges, bolts, latches, handles, etc. Stanley Works. 168,947; May 29; Serial No. 172,563; published Mar. 6, 1923.
Hog rings. Estate of A. C. Decker. 173,544; Sept. 25.
Hood catches, hood-catch brackets, hood handles, and door handles. Bassick Company. 175,377; Nov. 6; Serial No. 169,966; published Feb. 13, 1923.
Household and kitchen utensils made of aluminum. C. Colsman. 174,755; Oct. 23; Serial No. 165,528; published July 24, 1923.
Ice-cream molds. W. W. Cassell. 163,675; Jan. 23.
Key chains. Boye Needle Co. 174,094; Oct. 2; Serial No. 179,773; published July 3, 1923.
Kitchen and restaurant equipment, Porcelain-enamel. Smoot-Holman Co. 164,390; Feb. 20.
Knobs, handles, and finger plates for doors. Société P. and A. Picard. 173,097; Sept. 18; Serial No. 177,144; published June 12, 1923.
Link belts. Victory V Belt Co. 169,815; July 3; Serial No. 167,744; published Apr. 10, 1923.
Locomotives, Blow-off valves, washout plugs, and skimmers for. Bird-Archer Company. 164,412; Feb. 20.
Metals. Seymour Manufacturing Company. 166,007; Mar. 27; Serial No. 168,944; published Dec. 19, 1922.
Metals. Seymour Manufacturing Company. 173,481; Sept. 25; Serial No. 175,953; published June 19, 1923.
Nails. American Steel and Wire Company of New Jersey. 167,893; May 8; Serial No. 168,585; published Feb. 13, 1923.
Nails. American Steel and Wire Company of New Jersey. 170,153; July 10; Serial No. 168,594; published Apr. 3, 1923.
Nails. Carpenter-Dodge Company. 177,256; Dec. 11; Serial No. 184,065; published Sept. 25, 1923.
Nails. United Shoe Machinery Corporation. 175,099; Oct. 30; Serial No. 179,755; published Aug. 7, 1923.
Nails. United Shoe Machinery Corporation. 175,297; Nov. 6; Serial No. 182,024; published Aug. 14, 1923.
Nipples, Metal pipe. Fred Pabst Company. 176,486; Nov. 27; Serial No. 180,718; published Sept. 18, 1923.
Nonskid chains, hooks, and parts thereof. Newhall Chain Forge & Iron Co. 168,908; May 29; Serial No. 160,897; published Mar. 6, 1923.
Nut locks. Chapman Self-Locking Nut Co. 167,684; May 8; Serial No. 156,983; published Feb. 13, 1923.
Nut locks. Shakeproof Screw & Nut Lock Company. 167,320; Apr. 24.
Nuts and bolts. Vislok Limited. 166,814; Apr. 17; Serial No. 167,438; published Jan. 16, 1923.
Nuts, bolts, rivets, screws, Lock. Boss Nut Company. 175,017; Oct. 30; Serial No. 177,355; published Aug. 7, 1923.
Nuts, Lock. Patterson Lock Nut Mfg. Co. 163,678; Jan. 23.
Ovens, Dutch. Griswold Manufacturing Company. 170,475; July 17; Serial No. 172,156; published Apr. 17, 1923.
Pans, Baking. Edward Katzinger Company. 167,242; Apr. 24; Serial No. 173,192; published Feb. 6, 1923.
Pans, Baking. Edward Katzinger Company. 167,245–6; Apr. 24; Serial Nos. 171,577–8; published Feb. 6, 1923.
Pans, Frying. Miller Lock Company. 175,546; Nov. 6; Serial No. 179,877; published Aug. 21, 1923.
Pans, saucepans, stock pots, kettles, etc., Frying. Nickel Fabricating Corp. 173,916; Oct. 2; Serial No. 174,908; published July 3, 1923.
Paper cabinets, Toilet-. Utility Service Association. 172,644; Sept. 11; Serial No. 157,050; published May 29, 1923.
Partitions, Steel toilet. Litterer Bros. Manufacturing Company. 169,724; June 26.
Percolators, Aluminum. Tebbetts and Garland Store. 173,965; Oct. 2; Serial No. 171,600; published July 10, 1923.
Pipe and tubes, nails, etc., Iron and steel. Youngstown Sheet & Tube Company. 163,669; Jan. 23.
Pipe and vent fittings, traps, etc. Acheson Manufacturing Company. 174,550; Oct. 23; Serial No. 163,211; published July 24, 1923.
Pipe flanges, Forged and rolled steel. Standard Steel Works Company. 165,484; Mar. 13; Serial No. 167,736; published Dec. 19, 1922.
Pipe nipples, Metal. Chicago Nipple Manufacturing Co. 169,805; July 3; Serial No. 163,502; published Apr. 10, 1923.
Pipes and fittings, Cast-iron gas and water. Warren Foundry and Machine Company. 171,301; Aug. 7; Serial No. 164,846; published Apr. 24, 1923.
Pipes for power water-inlet piping, Nonferrous. Société Marcel Bassot & Co. 166,793; Apr. 17; Serial No. 156,758; published Jan. 16, 1923.
Pipes, valves, and pipe couplings, Metal. Cornell Supply Co. 164,368; Feb. 20.
Plumbers' ware. Groeniger Manufacturing Company. 176,586; Nov. 27; Serial No. 177,486; published Sept. 18, 1923.
Plumbing, steam-fitting, and hardware supplies. Holbrook, Merrill & Stetson. 166,798; Apr. 17; Serial No. 150,531; published Jan. 9, 1923.
Railings, brackets, brads, etc., Angle joints for. John Kroder and Henry Reubel Company. 166,860; Apr. 17; Serial No. 163,584; published Jan. 23, 1923.
Rivets. Raybestos Company, 176,871; Dec. 4; Serial No. 182,549; published Sept. 25, 1923.
Rivets, eyelets, lacing hooks, grommets, washers, etc. Edwin B. Stimpson Company. 165,965; Mar. 27; Serial No. 157,049; published Dec. 19, 1922.
Rivets, eyelets, lacing hooks, grommets, etc. Edwin B. Stimpson Company. 166,400; Apr. 3; Serial No. 147,814; published Jan. 2, 1923.
Saw-handle trimmings. Beaton & Cadwell Manufacturing Company. 167,261; Apr. 24; Serial No. 167,261; published Feb. 6, 1923.
Screens and strainers, Well. J. H. McEvoy. 174,485–6; Oct. 16; Serial Nos. 175,564–5; published July 24, 1923.
Screens, Window and door wire. Hipolito Screen & Sash Co. 175,325; Nov. 6; Serial No. 180,764; published Aug. 14, 1923.
Screening, Metallic. U. T. Hungerford Brass & Copper Co. 163,847; Jan. 30.
Screws, bolts, nuts, rivets, burrs, washers, wire nails, and kindred articles. American Screw Company. 22,709; renewed Mar. 28, 1923.
Screws, bolts, washers, etc. Guest, Keen & Nettlefolds Limited. 173,434; Sept. 25; Serial No. 166,683; published June 26, 1923.
Screws, Wood. Continental Wood Screw Co. 177,255; Dec. 11; Serial No. 184,280; published Sept. 25, 1923.
Shields, Expansion. Star Expansion Bolt Company. 169,358; June 12; Serial No. 172,448; published Mar. 20, 1923.
Shoe racks. C. P. Mitchel. 165,520; Mar. 13; Serial No. 163,996; published Oct. 24, 1922.
Shoe shanks, Steel. M. Cangen. 166,852; Apr. 17; Serial No. 165,272; published Jan. 16, 1923.
Shower and shampoo fixtures, curtain rods, etc. M. Behrer. 175,809; Nov. 13; Serial No. 144,958; published Aug. 28, 1923.
Sink bibs, cocks, faucets, bath cocks, etc. Wolverine Brass Works. 176,872; Dec. 4; Serial No. 182,783; published Sept. 25, 1923.
Soap dishes, towel bars, hand rails, etc. J. P. Eustis Manufacturing Company. 168,089; May 15; Serial No. 161,531; published Feb. 27, 1923.
Spring shackle bolts, nuts, and metal washers. Continental Auto Parts Company. 173,178; Sept. 18; Serial No. 170,475; published June 19, 1923.
Springs. Miller & Van Winkle, Inc. 174,758; Oct. 23; Serial No. 165,501; published July 31, 1923.
Springs and coil springs, seamless steel tubing. Sandvikens Jernverks Aktiebolag. 174,512; Oct. 16; Serial No. 178,572; published July 24, 1923.
Springs and steel tubing. Sandvikens Jernverks Aktiebolag. 176,599; Nov. 27; Serial No. 178,871; published Sept. 18, 1923.
Steamers, seamless steam kettles, copper-jacketed kettles, etc. Majestic Manufacturing Company. 172,804; Sept. 11; Serial No. 152,763; published June 5, 1923.
Stopcocks and stop and waste cocks, etc. Ford & Kendig Co. 174,984; Oct. 30; Serial No. 129,592; published Aug. 7, 1923.
Stove boards and conductor pipe. Fries, Beall & Sharp Co. 167,944; May 8; Serial No. 169,585; published Feb. 13, 1923.
Strainers, Milk. W. T. Hulscher. 163,658; Jan. 23.
Tables, Metal tops for kitchen and other. American Range & Foundry Company. 171,771; Aug. 14; Serial No. 173,550; published May 1, 1923.
Table tops, Metal. Vitreous Steel Products Company. 167,313; Apr. 24.
Tacks and nails. D. B. Gurney Company. 165,937–8; Mar. 20.
Tacks, Carpet. Geo. Baker & Sons. 164,313; Feb. 20.
Tankards and trays, Metal. L. H. Spencer. 167,225; Apr. 24; Serial No. 158,456; published Jan. 30, 1923.
Tank floats, Vacuum. J. H. Cohen. 170,469; July 17; Serial No. 167,840; published Apr. 17, 1923.
Teakettles. Griswold Manufacturing Company. 168,953; May 29; Serial No. 172,155; published Mar. 6, 1923.
Teapots, Aluminum. Tebbetts and Garland Store. 173,964; Oct. 2; Serial No. 171,599; published July 10, 1923.
Tent and awning grommets, tent snap hooks and hooks and eyes, etc. Astrup Company. 164,376; Feb. 20.
Tire-chain fasteners. Columbus McKinnon Chain Company. 175,167; Oct. 30; Serial No. 181,673; published Aug. 14, 1923.

Classified list of trade-marks registered—Continued.

Tire chains. Columbus McKinnon Chain Company. 174,497; Oct. 16; Serial No. 179,031; published July 24, 1923.
Tires, Nonskid chains for automobile. United States Chain Co. 165,032; Feb. 27.
Toilet or closet seat, Type of. Germain Brothers Company. 173,127; Sept. 18; Serial No. 172,874; published June 12, 1923.
Toilet seats, Sanitary cover for. A. M. Price. 176,474; Nov. 27; Serial No. 181,088; published Sept. 18, 1923.
Traps, trap ferrules, cleanouts, pipe fittings, insertable joints, etc. J. A. Zurn. 169,169; June 12; Serial No. 167,544; published Mar. 20, 1923.
Tubes. Anaconda Copper Mining Company. 173,938; Oct. 2; Serial No. 177,062; published July 10, 1923.
Tubes, Brass, copper, etc. Anaconda Copper Mining Company. 175,024; Oct. 30; Serial No. 177,210; published Aug. 7, 1923.
Tubes, Seamless brass, copper, and condenser. British American Metals Company. 167,803; May 8; Serial No. 160,392; published Feb. 13, 1923.
Tubes, tube joints, pipes, etc. Mannesmannröhren-Werke. 177,015; Dec. 11; Serial No. 163,689; published Sept. 25, 1923.
Tubs, Stationary laundry. Nustone Products Corporation. 166,731; Apr. 10.
Urns, sugar and fruit bowls, etc., Coffee, chocolate, water, and other. Carl H. Arwe Manufacturing Company. 167,255; Apr. 24; Serial No. 169,742; published Feb. 6, 1923.
Valves. F. C. Heylman. 166,812; Apr. 17; Serial No. 167,566; published Jan. 23, 1923.
Valves. D. T. Williams Valve Company. 168,945–6; May 29; Serial Nos. 172,567–8; published Mar. 6, 1923.
Valves and cocks, gas appliances, Brass. Detroit Brass & Malleable Works. 166,401; Apr. 3; Serial No. 153,649; published July 4, 1922.
Valves and fittings, Drop-forged steel. Henry Vogt Machine Co. 168,898; May 29; Serial No. 167,590; published Mar. 13, 1923.
Valves and pipe fittings. Stack Heater Company. 166,714; Apr. 10; Serial No. 155,276; published July 18, 1922.
Valves and thermostatic controlling or operating means and parts of same. Yoder Thomas Mfg. Co. 168,956; May 29; Serial No. 171,678; published Mar. 6, 1923.
Valves, Caps for inflation. Dill Manufacturing Company. 171,942; Aug. 14.
Valves, cocks, siphons for steam gauges, fusible plugs, etc. Buckeye Iron & Brass Works. 164,279; Feb. 20.
Valves, Drain. S. Pavitchich. 166,834; Apr. 17; Serial No. 170,208; published Jan. 23, 1923.
Valves, float boxes, etc., Pressure-reducing, back-pressure, balance, float, and fluid-control. G. M. Davis Regulator Co. 176,664; Nov. 27; Serial No. 182,088; published Sept. 18, 1923.
Valves, Flush. Universal Valve Company. 175,689; Nov. 6.
Valves for gas, steam, and water, Hand. Colonial Brass Works, Inc. 173,686; Oct. 2; Serial No. 177,651; published June 12, 1923.
Valves for gas, steam, and water, Hand. Colonial Brass Works, Inc. 173,752; Oct. 2; Serial No. 177,652; published June 12, 1923.
Valves for mains and pipes, Metal. Bethlehem Steel Company. 176,037; Nov. 13; Serial No. 179,845; published Sept. 4, 1923.
Valves for pipe lines and the like, Metal. Detroit Lubricator Company. 174,509; Oct. 16; Serial No. 179,929; published July 24, 1923.
Valves, Globe and gate. Jenkins Bros. Limited. 176,564; Nov. 27; Serial No. 180,605; published Sept. 18, 1923.
Valves, Metal. Sliding Valves Incorporated. 167,979; May 8.
Valves, regulating. G. M. Davis Regulator Company. 175,257; Oct. 30.
Valves, traps, and regulators. Kieley & Mueller, Inc. 176,551; Nov. 27; Serial No. 183,071; published Sept. 11, 1923.
Valves, valve casings, insides, etc., Pneumatic. A. Schrader's Son, Incorporated. 173,962; Oct. 2; Serial No. 171,512; published July 10, 1923.
Water regulators and pump governors, Feed-. Northern Equipment Company. 174,511; Oct. 16; Serial No. 178,625; published July 24, 1923.
Wedge blocks, Wooden. S. A. Scott. 166,794; Apr. 17; Serial No. 154,420; published Jan. 9, 1923.
Window adjusters, Casement-. Miami Manufacturing Co. 170,190; July 10; Serial No. 173,520; published Apr. 3, 1923.
Window regulators. Dura Company. 171,735; Aug. 14; Serial No. 169,803; published May 8, 1923.
Window supports, Casement-. Vincent Whitney Company. 175,332; Nov. 6; Serial No. 180,091; published Aug. 14, 1923.
Wire, Barbed. Gulf States Steel Company. 171,810–2; Aug. 14; Serial Nos. 177,777–9; May 15, 1923.
Wire cloth, Galvanized-. Wickwire Spencer Steel Corporation. 166,403; Apr. 3; Serial No. 160,737; published Dce. 19, 1922.
Wire fence and barbed wire. Keystone Steel & Wire Company. 176,327; Nov. 20; Serial No. 180,935; published Sept. 18, 1923.
Wire fence and barbed wire. Keystone Steel & Wire Company. 176,328; Nov. 20; Serial No. 183,655; published Sept. 18, 1923.
Wire fences. Atlantic Steel Company. 171,801; Aug. 14; Serial No. 176,531; published May 15, 1923.
Wire fencing, barbed wire, steel fenceposts, and wire staples. Woven-. Leadclad Wire Company. 173,585; Sept. 25.

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Alloy, Forgings of steel. A. Finkl & Sons Company. 166,414; Apr. 3; Serial No. 168,523; published Jan. 2, 1923.
Alloy, Nickel and manganese. Henry Wiggin & Company Limited. 170,517; July 17; Serial No. 172,707; published Apr. 17, 1923.
Alloy, Nickel-chrome. Henry Wiggin & Company Limited. 170,285; July 10; Serial No. 172,706; published Apr. 17, 1923.
Alloy, Nickel-chrome. Henry Wiggin & Company Limited. 170,480–1; July 17; Serial Nos. 172,704–5; published Apr. 17, 1923.
Alloy, Nickel-chrome-steel. Henry Wiggin & Company Limited. 170,284; July 10; Serial No. 172,709; published Apr. 17, 1923.
Alloy, Nonferrous. Roessler & Hasslacher Chemical Co. 167,206; Apr. 24; Serial No. 167,013; published Feb. 6, 1923.
Alloy, Nonferrous casting. Kent-Owens Machine Company. 169,295; June 12; Serial No. 166,077; published Mar. 20, 1923.
Alloy, Nonferrous metal. D. D. Strite. 168,950; May 29; Serial No. 172,403; published Mar. 6, 1923.
Alloy steel. Charles Rinaldo, Pittsburgh, Pa. 166,180; Mar. 27; Serial No. 166,570; published Dec. 5, 1922.
Alloy steel. Ludlum Steel Company. 175,413–14; Nov. 6; Serial Nos. 162,749–50; published Aug. 21, 1923.
Alloy used in zinc plating, Zinc. Roessler & Hasslacher Chemical Company. 164,740; Feb. 27.
Alloys, Aluminum. A. Pacz. 169,277; June 12; Serial No. 144,977; published Mar. 27, 1923.
Alloys and cast-metal anodes. Plastic and solid. A. P. Munning & Co. 166,170; Mar. 27; Serial No. 166,313; published Dec. 5, 1922.
Alloys and metals for use in jewelry and jewelers' wares. Marret, Bonnin, Label et Guieu. 168,972; May 29; Serial No. 170,302; published Mar. 6, 1923.
Alloys, and particularly chronium iron alloys, Metal. Cutler Steel Company. 165,997; Mar. 27; Serial No. 167,604; published Dec. 5, 1922.
Alloys, Corrosive and oxidation-resisting. F. A. Fahrenwald. 164,826; Feb. 27.
Alloys, Heat and corrosion resisting. F. A. Fahrenwald. 171,798; Aug. 14; Serial No. 176,332; published May 22, 1923.
Alloys, Metal. Bario Metal Corporation. 171,664; Aug. 7.
Alloys, Metallic. Du Pont Engineering Company. 176,593; Nov. 27; Serial No. 178,981; published Sept. 18, 1923.
Alloys, Metallic soldering. S. Pfyffer. 170,416; July 17; Serial No. 173,053; published Apr. 17, 1923.
Alloys, Nickel-copper. Henry Wiggin & Company Limited. 170,283; July 10; Serial No. 172,708; published Apr. 17, 1923.
Alloys of copper, zinc, and nickel, Metal. Seymour Manufacturing Company. 165,725–6; Mar. 20; Serial No. 168,945–6; published Dec. 19, 1922.
Alloys of copper, zinc, and nickel, Metal. Seymour Manufacturing Company, The. 173,479; Sept. 25; Serial No. 175,956; published June 19, 1923.
Alloys of copper, zinc, and nickel, wire in coils, etc., Metal. Seymour Manufacturing Company. 171,834; Aug. 14; Serial No. 175,954; published May 15, 1923.
Alloys, rolled plates and sheets of such alloys, etc., Noncorroding and nonrusting. Edwin Burhorn Co. 166,358; Apr. 3; Serial No. 149,210; published Jan. 2, 1923.
Aluminum alloy. Paralite Company. 168,552; May 29; Serial No. 160,150; published Feb. 20, 1923.
Aluminum and aluminum alloys. Aluminium-Industrie-Aktien-Gesellschaft. 171,819; Aug. 14; Serial No. 175,291; published May 1, 1923.
Aluminum and aluminum alloys, Crude and prepared. Aluminum-Industrie-Aktien-Gesellschaft. 167,243; Apr. 24; Serial No. 173,023; published Feb. 6, 1923.
Aluminum and aluminum alloys, Crude and prepared. Aluminium-Industrie-Aktien-Gesellschaft. 171,707; Aug. 14; Serial No. 174,875; published May 1, 1923.
Aluminum welding metal. Marshall Metal Corporation. 166,370; Apr. 3; Serial No. 170,032; published Dec. 19, 1922.
Automobile body hardware. Ternstedt Manufacturing Company. 167,217; Apr. 24; Serial No. 163,900; published Jan. 30, 1923.
Automobile planetary transmissions, etc., Lubricant dressing for. Lewis Oil Company. 166,495; Apr. 3; Serial No. 171,852; published Jan. 9, 1923.
Babbitt, bearing, and antifriction metals and alloys. Magnolia Metal Company. 164,760; Feb. 27.

Bearing and packing metal, brass and bronze castings. Fredericksen Company. 171,832; Aug. 14; Serial No. 175,925; published May 15, 1923.
Bronze, Bearing. Oregon Brass Works. 171,813–4; Aug. 14; Serial Nos. 178,274–5; published May 15, 1923.
Castings and forgings, Die and sand. Mueller Metals Company. 164,862; Feb. 27.
Castings and forgings, Metal. Henry & Allen. 171,828; Aug. 14; Serial No. 175,791; published May 1, 1923.
Castings, Copper-nickel-alloy. Manning, Maxwell & Moore, Inc. 174,493; Oct. 16; Serial No. 177,565; published July 24, 1923.
Castings, Gray-iron. A. F. Meehan. 166,856; Apr. 17; Serial No. 164,177; published Jan. 6, 1923.
Castings, Metal. Pacific Foundry Company. 177,257; Dec. 11; Serial No. 183,850; published Sept. 25, 1923.
Chairs, Rail. Kiss and Choka. 175,523; Nov. 6; Serial No. 175,250; published Aug. 21, 1923.
Copper-alloy steel. Inland Steel Company. 175,348; Nov. 6; Serial No. 169,856; published Aug. 14, 1923.
Die-casting metal and die castings. Doehler Die-Casting Co. 170,242; July 10; Serial No. 174,562; published Apr. 3, 1923.
Electrodes, Arc-welding metal. International Welding Engineering Corporation. 166,405; Apr. 3; Serial No. 162,011; published July 18, 1922.
Forgings and castings. Pollak Steel Company. 164,406; Feb. 20.
Forgings, Drop. Western Drop Forge Company. 175,171; Oct. 30; Serial No. 181,429; published Aug. 7, 1923.
Galvanizing. Diamond Expansion Bolt Co. 175,308; Nov. 6; Serial No. 161,822; published Aug. 14, 1923.
Gear blanks, iron castings and forgings, etc., Solid forged. Standard Steel Works Company. 164,829; Feb. 27.
Gold and bronze leaf. R. W. Grauert. 177,395; Dec. 18; Serial No. 181,391; published Oct. 2, 1923.
Gold leaf, imitation-gold leaf, and silver leaf, Sized. F. R. Coughlin. 168,120; May 15; Serial No. 158,075; published Feb. 27, 1923.
Gold, platinum, palladium, and silver metals and solder and rolled sheets and plates. American Platinum Works. 166,020; Mar. 27; Serial No. 163,370; published Dec. 5, 1922.
Gold, platinum, palladium, and silver metals and solder and rolled sheets and plates. American Platinum Works. 170,197; July 10; Serial No. 173,392; published Apr. 3, 1923.
Ingots, all kinds of raw metal ingots, bars, sheets, plates, wires, etc., Aluminum. Compagnie de Produits Chimiques et Electrometallurgique Alais Forges et Camargue. 165,601; Mar. 13; Serial No. 167,933; published Dec. 19, 1922.
Ingots and castings. A. Gilbert & Sons Brass Foundry Co. 176,629; Nov. 27; Serial No. 163,515; published Sept. 18, 1923.
Iron and steel. Forsbacka Jernverks Aktiebolag. 164,809; Feb. 27.
Iron, Black, corrugated, and galvanized. Fries, Beall & Sharp Co. 164,529; Feb. 20.
Iron or steel, Certain article of. Consolidated Steel Corporation. 169,266; June 12; Serial No. 155,486; published Mar. 20, 1923.
Lead, zinc, copper, gold, silver, antimony, and iron. Consolidated Mining and Smelting Company of Canada, Limited. 174,968; Oct. 30; Serial No. 158,417; published Aug. 7, 1923.
Metal and anti-friction journal bearings, Babbitt-. Theodore Hiertz & Son. 22,658; renewed Mar. 14, 1923.
Metal and bars, sheets, strips, etc., Special-process. J. Briggs & Sons Co. 171,895; Aug. 14; Serial No 171,827; published May 1, 1923.
Metal, Babbitt. American Boron Products Co. 168,649; May 29; Serial No. 165,742; published Feb. 20, 1923.
Metal, Babbitt. U. T. Hungerford Brass & Copper Co. 171,791; Aug. 14; Serial No. 178,390; published May 15, 1923.
Metal used for agitating or stirring mineral, etc., Cast. American Abrasive Metals Company. 171,808; Aug. 14; Serial No. 177,464; published May 15, 1923.
Metal used for high speed operations, Cutting. P. C. Chesterfield. 163,653; Jan. 23.
Metals. Manganese Bronze and Brass Co. Limited. 177,190; Dec. 11; Serial No. 178,051; published Sept. 25, 1923.
Metals. Seymour Manufacturing Company. 171,833; Aug. 14; Serial No. 175,952; published May 15, 1923.
Metals and alloys and ingots, castings, etc., Cast, drawn, rolled, etc. Anaconda Copper Mining Company. 176,956; Dec. 11; Serial No. 177,208; published Sept. 25, 1923.
Metals and alloys and ingots, castings, sheets, etc. Anaconda Copper Mining Company. 170,147; July 10; Serial No. 164,291; published Apr. 3, 1923.
Metals and alloys, Babbitt bearing and antifriction. Magnolia Metal Company. 164,628; Feb. 20.
Metals and alloys, Babbitt bearing and antifriction. Magnolia Metal Company. 168,189; May 15; Serial No. 168,930; published Jan. 9, 1923.
Metals and alloys, Babbitt, etc. Magnolia Metal Company. 166,841; Apr. 17; Serial No. 168,929; published Jan. 9, 1923.
Metals and alloys for use in jewelry. Marret, Bonnin, Lebel et Guieu. 168,886; May 29; Serial No. 170,301; published Mar. 13, 1923.
Metals and their alloys, Nonferrous. Smith & Egge Mfg. Co. 176,467; Nov. 27; Serial No. 181,704; published Sept. 11, 1923.
Metals, Bearing. Super-Refined Metals Company. 177,248; Dec. 11; Serial No. 183,420; published Sept. 25, 1923.
Metals in the form of ingots, billets, slabs, sheets, etc., Nonferrous. Bridgeport Brass Company. 171,691; Aug. 7.
Metals, Noncorrosive. Scholl Manufacturing Co. 165,654; Mar. 13.
Metals used for electrical purposes. Henry Wiggin & Company Limited. 170,478; July 17; Serial No. 172,702; published Apr. 17, 1923.
Metallic compounds. Alumino-Thermic Corporation. 171,884; Aug. 14; Serial No. 172,660; published May 22, 1923.
Nickel and alloys of nickel. Henry Wiggins & Company Limited. 170,477; July 17; Serial No. 172,701; published Apr. 17, 1923.
Nickel sheets, rods, etc. American Nickel Corporation. 168,968; May 29; Serial No. 170,802; published Mar. 6, 1923.
Nickel steel. Henry Wiggin & Company Limited. 170,479; July 17; Serial No. 172,703; published Apr. 17, 1923.
Platers'-bars, sheet metal, metal rods, and ingots. Platinide Co. Inc. 171,875; Aug. 14; Serial No. 173,719; published May 8, 1923.
Platinum in bars, sheets, etc., and platinum solder. Dinhofer Bros. Inc. 170,232; July 10; Serial No. 173,919; published Apr. 3, 1923.
Precious metals and alloys of precious metal. Rand Refinery Limited. 165,703; Mar. 20; Serial No. 168,589; published Dec. 19, 1922.
Rail anchors or anticreepers. P. & M. Company. 169,002–3; May 29.
Rail anchors or anticreepers. P. & M. Company. 177,413; Dec. 18; Serial No. 180,238; published Oct. 2, 1923.
Rods, die and sand castings, and forgings. Mueller Metals Company. 166,741; Apr. 10.
Sheets and tin plate, Black and galvanized. Consolidated Steel Corporation. 169,303; June 12; Serial No. 167,935; published Mar. 20, 1923.
Sheets, Black and galvanized. Stark Rolling Mill Company. 164,312; Feb. 20.
Shims and shim stock. Laminated Shim Company. 175,274; Oct. 30.
Solder. Great Western Smelting & Refining Company 163,657; Jan. 23.
Solder. Weldene Manufacturing Company. 172,806; Sept. 11; Serial No. 149,048; published June 5, 1923.
Solders, Metal. J. C. Shotton. 165,619; Mar. 13; Serial No. 167,340; published Dec. 19, 1922.
Spelter. Tottenville Copper Company. 176,945; Dec. 4.
Stamps, fullered forgings, and I forgings, Forged bodies for hand. Jas. H. Matthews & Company. 173,746; Oct. 2; Serial No. 177,792; published June 12, 1923.
Steel, alloy steel, steel bars, and sheet bars. United Alloy Steel Corporation. 166,005; Mar. 27; Serial No. 168,811; published Dec. 19, 1922.
Steel bars and billets. A. P. Scripture. 170,314; July 10; Serial No. 175,328; published Apr. 3, 1923.
Steel billets, sheets, forging, round bars, and rounds. Allegheny Steel Company. 175,559; Nov. 6; Serial No. 179,698; published Aug. 21, 1923.
Steel blocks, disks, bars, and forgings. J. Uihlein. 165,675; Mar. 20; Serial No. 166,483; published Dec. 19,1922.
Steel blocks, disks, bars, and forgings. J. Uihlein. 166,176; Mar. 27; Serial No. 166,485; published Dec. 19, 1922.
Steel forgings. A. Finkl & Sons Company. 175,029; Oct. 30; Serial No. 179,038; published Aug. 7, 1923.
Steel forgings. A. Finkl & Sons Company. 175,060; Oct. 30; Serial No. 179,189; published Aug. 7, 1923.
Steel forgings, rail anchors, rail-anchor springs, etc. Canton Forge & Axle Company. 173,096; Sept. 18; Serial No. 177,215; published June 19, 1923.
Steel in bar, etc., forms, steel castings and forgings. Hadfields Limited. 171,824; Aug. 14; Serial No. 175,553; published May 8, 1923.
Steel, iron, metal sheets. United Alloy Steel Corporation. 174,736; Oct. 23; Serial No. 154,895; published July 31, 1923.
Steel rods. Globe Wire Co. 170,228; July 10; Serial No. 174,772; published Apr. 3, 1923.
Steel rods suitable for the making of taps and small tools. Globe Wire Co. 173,215; Sept. 18; Serial No. 174,773; published June 19, 1923.
Steel, Sheet. Milwaukee Rolling Mill Company. 164,743; Feb. 27.
Steel sheets, bars, and plates, and blue annealed. R. G. Hird. 173,904; Oct. 2; Serial No. 176,127; published July 3, 1923.
Steel, Stampings pressed or stamped from sheet. Sharon Pressed Steel Company. 165,671; Mar. 20; Serial No. 166,581; published Dec. 12, 1922.

Classified list of trade-marks registered—Continued.

Steel, Tool. Darwin & Milner, Inc. 164,539; Feb. 20.
Steel, Tool. Darwin & Milner, Inc. 166,838; Apr. 17; Serial No. 169,535; published Jan. 9, 1923.
Steel, Tool. Detroit Alloy Steel Co. 175,303; Nov. 6; Serial No. 166,554; published Aug. 14, 1923.
Steel, Tool. Vulcan Crucible Steel Co. 166,797; Apr. 17; Serial No. 152,292; published Jan. 9, 1923.
Steels, Tool, carbon, shear, mild, etc. Samuel Warren Limited. 169,217; June 12; Serial No. 152,599; published Mar. 20, 1923.
Stereotype and electrotype plates and blocks. F. A. Ringler Company. 22,974; renewed May 9, 1923.
Tin and terne plates and sheets. Baldwins Limited. 166,790; Apr. 17; Serial No. 158,415; published Jan. 16, 1923.
Tin plate, terne plate, and sheet metal, coated and uncoated. N. & G. Taylor Co. 21,876; renewed Oct. 18, 1922.
Tin plate, terne plate and sheet metal, coated and uncoated. N. & G. Taylor Co. 21,877; renewed Oct. 18, 1922.
Track frogs, crossings, guard rails, etc. Ramano Ajax Corporation. 169,851; July 3; Serial No. 172,395; published Apr. 10, 1923.
Type metal. Metals Refining Company. 163,663; Jan. 23.
Wire and rods, Welding. "Weldrite" Company. 177,014; Dec. 11; Serial No. 162,524; published Sept. 25, 1923.
Wire, Base-metal. Page Steel & Wire Company. 170,465; July 17; Serial No. 162,646; published Apr. 17, 1923.
Wire, Galvanized. Keystone Steel & Wire Company. 176,329; Nov. 20; Serial No. 184,730; published Sept. 18, 1923.
Wire, galvanized, Plain and telephone. Keystone Steel and Wire Company. 176,325; Nov. 20; Serial No. 184,731; published Sept. 18, 1923.
Wires, Resistance. Henry Wiggin & Company Limited. 170,090; July 10; Serial No. 170,345; published Apr. 17, 1923.
Welding metals. Wilson Welder & Metals Company. 177,828; Dec. 25.
Zinc used in zinc plating. Roessler & Hasslacher Chemical Company. 164,741; Feb. 27.

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Alloy. Marret, Bonnin, Lebel & Guieu. 176,042; Nov. 13; Serial No. 180,018; published Sept. 4, 1923.
Alloy made from nickel ore for forging steel. L. B. Archer. 174,762; Oct. 23; Serial No. 168,288; published July 31, 1923.
Alloy steel. Ludlum Steel Company. 175,413–4; Nov. 6; Serial Nos. 162,749–50; published Aug. 21, 1923.
Candles. J. and M. Bechdolt. 176,585; Nov. 27; Serial No. 177,427; published Sept. 18, 1923.
Candles. Columbia Wax Products Co. 165,862; Mar. 20; Serial No. 154,550; published Jan. 2, 1923.
Candles. Glistridis, Frosso & Co. 170,766; July 24; Serial No. 177,183; published Apr. 24, 1923.
Candles. Standard Oil Company of New York. 163,729; Jan. 23.
Candles. West India Oil Company. 165,232; Mar. 6.
Candles. West India Oil Company. 168,769; May 29; Serial No. 173,799; published Feb. 27, 1923.
Candles. West India Oil Company. 169,628; June 26; Serial No. 173,798; published Mar. 27, 1923.
Candles, kerosene, motor gasoline, refined petroleum, etc. West India Oil Company. 164,549; Feb. 20.
Candles, liquid paraffin, lubricating oils and greases, Gasoline. Standard Oil Company. 168,756; May 29; Serial No. 171,664; published Feb. 13, 1923.
Candles, Stearin or stearic acid, oleine, and glycerin. De Roubaix, Oedenkoven & Co. 23,528; renewed Aug. 22, 1923.
Canned motor oils. Midcontinent Producers' & Refiners' Corporation. 176,389; Nov. 27; Serial No. 175,094; published Aug. 7, 1923.
Coating material. Brogdex Company. 176,759; Nov. 27; Serial No. 175,708; published Sept. 11, 1923.
Compound for loosening tight nuts on bolts and lubricating leaf springs. J. A. Carroll. 171,216; July 31; Serial No. 177,726; published May 15, 1923.
Dental instruments, Lubricating and sterilizing medium for. H. P. Emeis. 175,508; Nov. 6; Serial No. 177,433; published Aug. 28, 1923.
Fuels, Motor. F. J. Abbott. 174,418; Oct. 16; Serial No. 180,406; published July 17, 1923.
Gasoline. American Oil Corporation. 171,918; Aug. 14.
Gasoline. H. D. Burroughs. 174,668; Oct. 23; Serial No. 170,751; published July 24, 1923.
Gasoline. Industrial Oil Co. 174,653; Oct. 23; Serial No. 181,447; published July 31, 1923.
Gasoline. Interocean Oil Company. 175,533; Nov. 6; Serial No. 181,027; published Aug. 28, 1923.
Gasoline. Interstate Gasoline Co. 166,424; Apr. 3; Serial No. 164,807; published Jan. 9, 1923.
Gasoline. Joy Oil Co. 164,711; Feb. 27.
Gasoline. Marine Oil Company. 164,024; Feb. 6.
Gasoline. Mason City Oil & Grease Company. 168,016; May 8.
Gasoline. Mutual Refining Company. 168,827; May 29; Serial No. 170,446; published Feb. 13, 1923.
Gasoline. Pure Oil Co. 174,920; Oct. 23.
Gasoline. Shell Company of California. 169,945; July 3.
Gasoline. Sierra Refining Company. 168,777; May 29; Serial No. 174,155; published Feb. 27, 1923.
Gasoline. Southern Minnesota Oil Company. 165,185; Mar. 6; Serial No. 168,562; published Dec. 12, 1922.
Gasoline. Standard Oil Company. 170,461; July 17; Serial No. 172,691; published Apr. 3, 1923.
Gasoline and benzine. Owl Drug Company. 164,709; Feb. 27.
Gasoline and lubricating oils. H. Bunge. 170,643; July 17; Serial No. 176,064; published Apr. 17, 1923.
Gasoline and lubricating oils. Gilmore Petroleum Company. 164,372; Feb. 20.
Gasoline and lubricating oils. Spears & Riddle Co. 175,967; Nov. 13; Serial No. 174,756; published Sept. 4, 1923.
Gasoline and naphtha. Standard Oil Company of New York. 170,736; July 24; Serial No. 169,934; published May 15, 1923.
Gasoline and volatile compositions derived from petroleum. A. G. Burrow. 168,148; May 15; Serial No. 172,510; published Feb. 27, 1923.
Gasoline, kerosene, and lubricating oils. Golden Rule Ref. Co. 176,490; Nov. 27; Serial No. 166,770; published Nov. 14, 1922.
Gasoline, kerosene, and lubricating oils and greases. Westland Oil Company. 174,764; Oct. 23; Serial No. 169,612; published Feb. 27, 1923.
Gasoline, kerosene, lubricating oil, and gas oil. Petroleum Export Corporation. 170,178; July 10; Serial No. 176,210; published Apr. 10, 1923.
Gasoline, kerosene, motor oils, greases, etc. Econ Oil & Gas Company. 167,775; May 8; Serial No. 172,641; published Feb. 13, 1923.
Gasoline, kerosene, naphtha, etc. Get-Gas Service Stations, Inc. 170,130; July 10; Serial No. 158,391; published Apr. 10, 1923.
Gasoline, kerosene, naphtha, lubricating oil, etc. United Oil Company. 168,358; May 22; Serial No. 165,574; published Feb. 20, 1923.
Gasoline, kerosene, petroleum, distillates, etc. Hercules Gasoline Co. 175,990; Nov. 13; Serial No. 169,130; published Sept. 4, 1923.
Gasoline, lubricating oil and grease. H. P. Sears Cycle Co., Oil Department. 165,802; Mar. 20; Serial No. 161,151; published Dec. 26, 1922.
Gasoline, motor fuels, and lubricating oils. American Oil Company. 167,769; May 8; Serial No. 173,222; published Feb. 13, 1923.
Gasoline, naphtha, kerosene, fuel oils, etc. Henry H. Cross Company. 167,531; May 1; Serial No. 174,294; published Feb. 27, 1923.
Grease, Axle. Hisgen Bros. 24,196; renewed Feb. 6, 1924.
Grease, Axle. Marshall-Wells Company. 164,703; Feb. 27.
Grease, Axle. Pure Oil Company. 174,336; Oct. 16; Serial No. 178,133; published July 17, 1923.
Grease, Axle. Pure Oil Company. 176,780; Nov. 27.
Grease compound for lubricating purposes. A. B. Hutton. 174,240; Oct. 9; Serial No. 180,009; published July 10, 1923.
Grease, gear grease, lubricating oils and greases, Transmission. Mirrolike Mfg. Co. 163,754; Jan. 23.
Grease, Lubricating. Battenfeld Grease & Oil Company. 175,262; Oct. 30.
Grease, Lubricating. National Refining Company. 172,245; Aug. 28; Serial No. 161,695; published May 29, 1923.
Grease, Lubricating. Standard Oil Company of New York. 167,800; May 8; Serial No. 162,517; published Feb. 13, 1923.
Grease, Petroleum. Atlantic Refining Company. 169,869; July 3; Serial No. 174,814; published Mar. 20, 1923.
Grease used for oiling parts of an automobile. Laboratory Products Co. 163,508; Jan. 16.
Greases and oils, Lubricating. Good-Wil Lubricating Co. 163,076; Jan. 2.
Greases, Lubricating. U. S. Oil & Supply Co. 169,495; June 19; Serial No. 148,904; published Mar. 20, 1923.
Kerosene. Associated Oil Company. 176,768; Nov. 27.
Kerosene. Miller Petroleum Company. 170,053; July 10; Serial No. 175,673; published Apr. 10, 1923.
Kerosene and gasoline, and lubricating oil. Petroleum Export Corporation. 170,175; July 10; Serial No. 176,211; publishd Apr. 10, 1923.
Kerosene and lubricating oils. Gilmore Petroleum Company. 175,957; Nov. 13; Serial No. 166,558; published Sept. 4, 1923.
Liquid fuel. Petroleum Service Corporation. 176,000; Nov. 13; Serial No. 170,753; published Sept. 4, 1923.
Liquid motor fuel. Benzo-Gas Motor Fuel Company. 164,666; Feb. 27.
Liquid motor fuel. Benzo-Gas Motor Fuel Company. 173,462; Sept. 25; Serial No. 179,086; published June 19, 1923.
Lubricant. Halstead Specialties Co. 163,504; Jan. 16.
Lubricant or grease. Pittsburgh Oil Refining Corporation. 170,213; July 10; Serial No. 144,423; published Sept. 19, 1922.
Lubricants. Bassick Manufacturing Co. 164,590; Feb. 20.
Lubricants. A. N. Bresler. 176,050; Nov. 13; Serial No. 180,959; published Sept. 4, 1923.

Lubricants. Carbide & Carbon Chemicals Corporation. 170,324; July 10; Serial No. 175,710; published Apr. 3, 1923.
Lubricants. Keystone Lubricating Company. 166,504; Apr. 3; Serial No. 163,045; published Sept. 19, 1922.
Lubricants. Keystone Lubricating Company. 171,284; Aug. 7; Serial No. 178,512; published May 15, 1923.
Lubricants. Keystone Lubricating Company. 171,285–7; Aug. 7; Serial Nos. 178,514–6; published May 15, 1923.
Lubricants. Keystone Lubricating Company. 171,288; Aug. 7; Serial No. 178,519; published May 15, 1923.
Lubricants. Keystone Lubricating Company. 171,290; Aug. 7; Serial No. 178,741; published May 15, 1923.
Lubricants. Keystone Lubricating Company. 171,541–2; Aug. 7; Serial Nos. 178,520–1; published May 15, 1923.
Lubricants. Keystone Lubricating Company. 171,543–4; Aug. 7; Serial Nos. 178,517–8; published May 15, 1923.
Lubricants. Keystone Lubricating Company. 171,545; Aug. 7; Serial No. 178,508; published May 15, 1923.
Lubricants. Keystone Lubricating Company. 175,704; Nov. 6.
Lubricants and solvents, kerosene, benzine, gasoline, etc. Tetralin-Gesellschaft mit beschränkter Haftung. 173,166; Sept. 18; Serial No. 142,040; published June 19, 1923.
Lubricants, Petroleum. Calumet Oil Company. 163,800; Jan. 30.
Lubricating compound for cooling and preventing hot boxes and bearings. Warren Soap Manufacturing Company. 163,769; Jan. 23.
Lubricating compounds and greases. Otis Chemical Company. 174,215; Oct. 9; Serial No. 181,087; published July 10, 1923.
Lubricating material. L. P. Galbraith. 165,841; Mar. 20; Serial No. 169,397; published Jan. 2, 1923.
Lubricating preparations. Sterns, Limited. 164,573; Feb. 20.
Motor fuel, gasoline, oils, and greases. Dixie Co. 172,034; Aug. 31; Serial No. 163,259; published Oct. 31, 1922.
Naphtha. Miller Petroleum Company. 170,181; July 10; Serial No. 176,200; published Apr. 10, 1923.
Oil and grease, Lubricating. D. J. Lowry. 170,246; July 10; Serial No. 171,584; published Apr. 3, 1923.
Oil and lubricating greases, Lubricating, automobile and machine. L. R. Carley. 168,714; May 29; Serial No. 160,587; published Mar. 13, 1923.
Oil, Compound. Hercules Powder Company. 172,326; Aug. 28; Serial No. 176,834; published May 8, 1923.
Oil, Core. W. T. Howell. 166,014; Mar. 27; Serial No. 162,927; published Dec. 19, 1922.
Oil, Crank-case-flushing. American Oil Company. 170,245; July 10; Serial No. 171,719; published Apr. 3, 1923
Oil, Cutting. Smith Oil & Refining Company. 174,231; Oct. 9; Serial No. 180,629; published July 10, 1923.
Oil, Cutting and lubricating. Wondruschka-Duda Company. 166,483; Apr. 3; Serial No. 170,555; published Jan. 2, 1923.
Oil, Cylinder. Pure Oil Company. 174,332; Oct. 16; Serial No. 178,121; published July 17, 1923.
Oil, Cylinder and automobile. Marine Oil Company. 165,676; Mar. 20; Serial No. 166,390; published Nov. 28, 1922.
Oil, Farm machinery lubricating. Pure Oil Company. 176,785; Nov. 27.
Oil, Farm-machinery-lubricating. Pure Oil Company. 174.335; Oct. 16; Serial No. 178,125; published July 17, 1923.
Oil, Fine lubricating. J. B. Caldwell. 164,527. Feb. 20.
Oil for dough-handling machinery, Lubricating. Dutchess Tool Company. 163,309; Jan. 9.
Oil for hand separators, Lubricating. Pure Oil Company. 174,333; Oct. 16; Serial No. 178,123; published July 17, 1923.
Oil for insulating and cooling purposes, Mineral. Westinghouse Electric & Manufacturing Company. 168,882; May 29; Serial No. 167,963; published Mar. 13, 1923.
Oil for lubricating purposes, Cylinder and automobile. Marine Oil Company. 168,355; May 22; Serial No. 166,384; published Feb. 20, 1923.
Oil for night tapers, Illuminating. P. A. Beatty. 163,706; Jan. 23.
Oil, Fuel. Ohio Valley Refining Company. 164,717; Feb. 27.
Oil, fuel oil, gasoline, kerosene, gas oil, etc., Crude. New England Oil Refining Company. 164,635; Feb. 27.
Oil, gasoline, and kerosene, Crude. C. F. Kellom. 172,366; Aug. 28; Serial No. 161,840; published May 29, 1923.
Oil, Graphite farm-machinery. Pure Oil Company. 174,334; Oct. 16; Serial No. 178,124; published July 17, 1923.
Oil, Hard. Pure Oil Company. 174,337; Oct. 16; Serial No. 178,134; published July 17, 1923.
Oil, Lubricating. Boston Harbor Oil Company. 167,568; May 1; Serial No. 167,379; published Dec. 19, 1922.
Oil, Lubricating. Joseph Dixon Crucible Company. 164,692; Feb. 27.
Oil, Lubricating. Eastman-Thomas Co. 166,160; Mar. 27; Serial No. 153,593; published Dec. 19, 1922.
Oil, Lubricating. Galena Oil Works. 23,968; renewed Jan. 2, 1924.
Oil, Lubricating. National Refining Company. 164,506; Feb. 20.
Oil, Lubricating. Rusk Oil Co. 165,794; Mar. 20; Serial No. 163,542; published Dec. 26, 1922.
Oil, Lubricating. H. A. Scroggins. 165,864; Mar. 20; Serial No. 153,159; published Dec. 26, 1922.
Oil, Lubricating. Vacuum Oil Company. 176,076; Nov. 13; Serial No. 182,079; published Sept. 4, 1923.
Oil, Lubricating. Willowbrook Chemical Works. 176,045; Nov. 13; Serial No. 180,459; published Sept. 4, 1923.
Oil, Machine. Marine Oil Company. 164,025; Feb. 6. Feb. 20.
Oil, Motor. Henry H. Cross Company. 171,117; July 31; Serial No. 175,189; published May 1, 1923.
Oil, Motor. Dealers Supply Company. 169,944; July 3.
Oil, Motor. Great Western Oil Company. 165,771; Mar. 20; Serial No. 159,699; published Jan. 2, 1923.
Oil, Motor fuel. F. J. Abbott. 164,702; Feb. 27.
Oil, Motor-lubricating. Mutual Oil Company. 168,025; May 5.
Oil, Motor-lubricating. Pennsylvania Petroleum Company. 172,050; Aug. 21; Serial No. 151,957; published Nov. 8, 1921.
Oil or kerosene, Burning. Standard Oil Company. 164,710; Feb. 27.
Oil, Petroleum. Standard Oil Company of New York. 174,387; Oct. 16; Serial No. 172,242; published July 17, 1923.
Oil products, Mineral-. W. Hagen. 163,502; Jan. 16.
Oil, Recovered salad. F. E. Booth Co. 167,805; May 8; Serial No. 167,551; published Feb. 13, 1923.
Oil, Transformer. Standard Oil Company (Incorporated in New Jersey). 173,403; Sept. 25; Serial No. 175,747; published June 26, 1923.
Oil, Typewriter. Guild Products Corporation. 164,388; Feb. 20.
Oils. Atlantic Refining Company. 176,542; Nov. 27; Serial No. 183,812; published Sept. 18, 1923.
Oils. Sinclair Refining Company. 173,469; Sept. 25; Serial No. 180,503; published June 19, 1923.
Oils and gasoline. Kansas-Texas Petroleum Co. 169,916; July 3.
Oils and gasoline, Lubricating. Apex Motor Fuel and Lubricant Co. 172,398; Aug. 28; Serial No. 167,156; published May 29, 1923.
Oils and grease and gasoline, Lubricating. American Refining and Manufacturing Company. 172,333; Aug. 28; Serial No. 177,261; published May 29, 1923.
Oils and greases. E. F. Hartzell. 166,791; Apr. 17; Serial No. 157,667; published Jan. 30, 1923.
Oils and greases. Litwood Oil & Supply Company. 166,347; Apr. 3; Serial No. 157,226; published Jan. 16, 1923.
Oils and greases. Moore-Fuller Oil Co. 166,487; Apr. 3; Serial No. 170,778; published Jan. 9, 1923.
Oils and greases. Owenwood Oil Corporation. 166,351; Apr. 3; Serial No. 140,959; published Jan. 9, 1923.
Oils and greases. Edward A. Reichel Co. 174,963; Oct. 30; Serial No. 159,885; published Aug. 7, 1923.
Oils and greases. Standard Oil Company (New Jersey). 176,408; Nov. 27; Serial No. 181,659; published Sept. 11, 1923.
Oils and greases. L. E. Van Druff. 168,304; May 15.
Oils and greases and gasoline, Lubricating. J. Lipin. 177,539; Dec. 18; Serial No. 183,630; published Oct. 2, 1923.
Oils and greases, automobile fuel oils, cutting oils for treating metals, Lubricating. Oil and Chemical Corporation. 170,714; July 24; Serial No. 138,722; published Apr. 24, 1923.
Oils and greases, Cylinder, etc. Humble Oil & Refining Company. 165,844; Mar. 20; Serial No. 169,593; published Jan. 2, 1923.
Oils and greases, gasoline, motor spirit, etc., Lubricating. Petroleum Products Co. 170,561; July 17; Serial No. 173,904; published Apr. 17, 1923.
Oils and greases, Lubricants comprising. Keystone Lubricating Company. 171,209; July 31; Serial No. 178,511; published May 15, 1923.
Oils and greases, Lubricants comprising. Keystone Lubricating Company. 171,210; July 31; Serial No. 178,509; published May 15, 1923.
Oils and greases, Lubricating. Aero Oil Products Company. 164,374; Feb. 20.
Oils and greases, Lubricating. Cato Oil and Grease Co. 173,461; Sept. 25; Serial No. 179,294; published June 19, 1923.
Oils and greases, Lubricating. Cato Oil and Grease Co. 179,293–4; June 19.
Oils and greases, Lubricating. G. B. Carran. 173,468; Sept. 25; Serial No. 179,927; published June 26, 1923. 173,309; Sept. 18; Serial No. 179,293; published June 19, 1923.
Oils and greases, Lubricating. Continental Oil Company. 166,155; Mar. 27; Serial No. 154,863; published Dec. 19, 1922.
Oils and greases, Lubricating. Dixie Oil & Grease Company. 164,373; Feb. 20.
Oils and greases, Lubricating. Dixie Oil & Grease Company. 173,234; Sept. 18; Serial No. 166,659; published June 19, 1923.
Oils and greases, Lubricating. M. L. Eubank. 164,179; Feb. 13.

Classified list of trade-marks registered—Continued.

Oils and greases, Lubricating. G. W. Fenimore. 171,508; Aug. 7; Serial No. 165,976; published May 22, 1923.
Oils and greases, Lubricating. R. L. Freubenberger. 163,740; Jan. 23.
Oils and greases, Lubricating. W. Gagnon. 164,531; Feb. 20.
Oils and greases, Lubricating. Golden State Lubricating Company. 164,700; Feb. 27.
Oils and greases, Lubricating. Great Southern Refining Company. 176,466; Nov. 27; Serial No. 176,078; published Sept. 18, 1923.
Oils and greases, Lubricating. Harwood Bros. Inc. 163,085; Jan. 2.
Oils and greases, Lubricating. Harwood Brothers, Inc. 172,032; Aug. 21; Serial No. 163,632; published Nov. 7, 1922.
Oils and greases, Lubricating. F. B. Hower. 163,090; Jan. 2.
Oils and greases, Lubricating. M. A. Kahn. 167,820; May 8; Serial No. 159,873; published Feb. 13, 1923.
Oils and greases, Lubricating. Inter-State Oil Company. 177,503; Dec. 18; Serial No. 139,971; published Oct. 2, 1923.
Oils and greases, Lubricating. National Lubricants Co. 164,632; Feb. 27.
Oils and greases, Lubricating. A. G. Patterson. 163,757; Jan. 23.
Oils and greases, Lubricating. Pennsylvania Lubricating Company. 174,898; Oct. 23; Serial No. 178,566; published July 31, 1923.
Oils and greases, Lubricating. Pennsylvania Refining Co. 165,812; Mar. 20; Serial No. 167,325; published Dec. 26, 1922.
Oils and greases, Lubricating. J. G. Philips. 177,422; Dec. 18; Serial No. 160,080; published Sept. 19, 1922.
Oils and greases, Lubricating. Reed Oil Company. 173,407; Sept. 25; Serial No. 176,366; published June 19, 1923.
Oils and greases, Lubricating. Reed Oil Company. 176,462; Nov. 27; Serial No. 176,365; published Sept. 18, 1923.
Oils and greases, Lubricating. Smith Oil & Refining Company. 174,807; Oct. 23; Serial No. 180,628; published July 10, 1923.
Oils and greases, Lubricating. Standard Oil Company. 165,827; Mar. 20; Serial No. 171,667; published Dec. 26, 1922.
Oils and greases, Lubricating. Standard Oil Company. 167,537; May 1; Serial No. 171,876; published Jan. 30, 1923.
Oils and greases, Lubricating. Standard Oil Company. 166,494; Apr. 3; Serial No. 171,666; published Jan. 2, 1923.
Oils and greases, Lubricating. Sterns, Limited. 163,403; Jan. 9.
Oils and greases, Lubricating. Warren & Bailey Co. 166,518; Apr. 3; Serial No. 172,247; published Jan. 9, 1923.
Oils and greases, Lubricating. Western Reserve Oil Company. 173,456; Sept. 25; Serial No. 178,366; published June 19, 1923.
Oils and greases, Lubricating. White & Bagley Company. 175,235; Oct. 30.
Oils and greases, Lubricating and cutting. Frontier Manufacturing Company. 166,202; Mar. 27; Serial No. 170,879; published Dec. 19, 1922.
Oils and greases, Lubricating and cutting. Frontier Manufacturing Company. 166,360; Apr. 3; Serial No. 170,878; published Dec. 19, 1922.
Oils and greases, Motor. Barber Asphalt Paving Company. 167,786; May 8; Serial No. 166,764; published Feb. 13, 1923.
Oils and greases, Transmission. Union Oil Company of California. 174,656; Oct. 23; Serial No. 181,547; published July 31, 1923.
Oils and greases, Transmission. Union Oil Company of California. 174,879; Oct. 23; Serial No. 181,548; published July 31, 1923.
Oils and lubricants, Lubricating. B. G. Desmond Manufacturing Corporation. 168,846; May 29; Serial No. 173,074; published Mar. 27, 1923.
Oils and oiling compositions. Union Petroleum Company. 175,531; Nov. 6; Serial No. 180,990; published Aug. 28, 1923.
Oils for heating purposes. Union Petroleum Company. 167,767; May 8; Serial No. 173,453; published Feb. 13, 1923.
Oils, Fuel. Chemical Fuel Company of America. 168,661; May 23; Serial No. 155,549; published Feb. 27, 1923.
Oils, Gasoline, kerosene, and lubricating. Johnson High Test Oil Company. 164,846; Feb. 27.
Oils, gasoline, lubricating greases, fuel oils, kerosene, etc., Lubricating. Craycroft Oil Company. 164,403; Feb. 20.
Oils, greases, and gasoline, Lubricating. Kansas City Refining Sales Company. 169,638; June 26; Serial No. 175,248; published Mar. 27, 1823.
Oils, greases, candles. West India Oil Company. 176,547; Nov. 27; Serial No. 183,681; published Sept. 18, 1923.
Oils, greases, compounds, etc., Lubricating. Indian Refining Company. 170,460; July 17; Serial No. 172,596; published Apr. 10, 1923.
Oils, greases, etc. Atlantic Refining Company. 167,693; May 8; Serial No. 160,105; published Feb. 13, 1923.
Oils, greases, etc. Humble Oil & Refining Company. 166,460; Apr. 3; Serial No. 169,594; published Jan. 9, 1923.
Oils, Lubricating. American Oil Corporation. 170,531; July 17; Serial No. 174,277; published Mar. 27, 1923.
Oils, Lubricating. Apex Motor Fuel and Lubricant Co. 164,023; Feb. 6.
Oils, Lubricating. W. H. Barber Co. 166,158; Mar. 27; Serial No. 154,053; published Jan. 24, 1923.
Oils, Lubricating. W. D. Cavanaugh. 168,600; May 29; Serial No. 168,440; published Feb. 27, 1923.
Oils, Lubricating. D-A Lubricant Company. 166,493; Apr. 3; Serial No. 171,225; published Jan. 9, 1923.
Oils, Lubricating. Dutee W. Flint Oil Company. 163,879; Feb. 6.
Oils, Lubricating. C. R. Gillett. 171,264; July 31; Serial No. 169,293; published May 15, 1923.
Oils, Lubricating. Gilmore Petroleum Company. 164,698; Feb. 27.
Oils, Lubricating. Gilmore Petroleum Company. 168,453; May 22; Serial No. 173,634; published Feb. 20, 1923.
Oils, Lubricating. Gilmore Petroleum Company. 168,767–8; May 29; Serial Nos. 173,764–5; published Feb. 27, 1923.
Oils, Lubricating. O. A. McCarty. 165,187; Mar. 6; Serial No. 168,538; published Dec. 12, 1922.
Oils, Lubricating. Midland Refining Company. 163,692; Jan. 23.
Oils, Lubricating. Midland Refining Company. 164,380; Feb. 20.
Oils, Lubricating. Midland Refining Company. 176,078; Nov. 13; Serial No. 182,216; published Sept. 4, 1923.
Oils, Lubricating. Wm. C. Robinson & Son Co. 164,378; Feb. 20.
Oils, Lubricating. Wm. C. Robinson & Son Co. 175,261; Oct. 30.
Oils, Lubricating. Sears, Roebuck and Co. 176,909; Dec. 4.
Oils, Lubricating. Seneca Oil Works. 24,604; renewed Apr. 24, 1924.
Oils, Lubricating. Shell Company of California. 168,803; May 29; Serial No. 174,186; published Mar. 13, 1923.
Oils, Lubricating. Standard Oil Company. 169,637; June 26; Serial No. 175,223; published Mar. 27, 1923.
Oils, Lubricating. Standard Oil Company (Incorporated in New Jersey). 166,677; Apr. 10; Serial No. 171,711; published Jan. 23, 1923.
Oils, Lubricating. Standard Oil Company (New Jersey). 175,475; Nov. 6; Serial No. 181,661; published Aug. 28, 1923.
Oils, Lubricating. Standard Oil Company (Incorporated in New Jersey.) 176,079; Nov. 13; Serial No. 182,386; published Sept. 4, 1923.
Oils, Lubricating. Star Oil Company. 166,120; Mar. 27; Serial No. 152,217; published July 4, 1922.
Oils, Lubricating. Stover Company. 164,114; Feb. 13.
Oils, Lubricating. Sun Company. 168,007; May 8.
Oils, Lubricating. Texas Company. 169,537; June 19; Serial No. 169,143; published Mar. 20, 1923.
Oils, Lubricating. United Marine & Fuel Corporation. 169,634; June 26; Serial No. 175,034; published Mar. 27, 1923.
Oils, Lubricating. Vacuum Oil Company. 164,346; Feb. 20.
Oils, Lubricating. Victor Oil Company. 166,801; Apr. 17; Serial No. 129,916; published Feb. 14, 1922.
Oils, Lubricating. Wadhams Oil Company. 170,684; July 17.
Oils, Lubricating. Wolverine Lubricants Co. of New York. 174,613; Oct. 23; Serial No. 179,504; published July 24, 1923.
Oils, Lubricating. F. M. Zimmerman. 176,662; Nov. 27; Serial No. 182,031; published Sept. 18, 1923.
Oils, Motor. Southern Minnesota Oil Company. 165,186; Mar. 6; Serial No. 168,561; published Dec. 12, 1922.
Oils, Motor. Velvet Oil Company. 171,371; Aug. 7; Serial No. 178,684; published May 22, 1923.
Oils, Motor. C. M. Ziegler. 164,705; Feb. 27.
Oils, Motor fuel. Chemical Fuel Company of America. 168,660; May 29; Serial No. 155,550; published Feb. 27, 1923.
Oils, Rustproofing. American Chemical & Manufacturing Corporation. 175,378; Nov. 6; Serial No. 169,432; published Aug. 28, 1923.
Oily compound. G. H. Johnson. 176,598; Nov. 27; Serial No. 178,850; published Sept. 18, 1923.
Paint, paint enamels, japans, stains, etc. Sherwin-Williams Company. 168,111; May 15; Serial No. 145,131; published Feb. 20, 1923.
Paint, varnish and paint enamel. Republic Varnish Company. 168,298; May 15.
Paints and japan driers. Toch Brothers. 168,090; May 15; Serial No. 161,593; published Oct. 31, 1922.
Paraffin. Barnsdall Refining Company. 164,657; Feb. 27.
Petrolatum, Liquid. Standard Oil Company. 173,298; Sept. 18; Serial No. 180,249; published June 19, 1923.
Petroleum and petroleum products. Standard Oil Company of New York. 170,303; July 10; Serial No. 176,506; published Apr. 10, 1923.
Petroleum and products of petroleum. Standard Oil Company of New York. 166,345; Apr. 3; Serial No. 159,816; published Jan. 9, 1923.

Petroleum and products of petroleum. Standard Oil Company of New York. 168,746; May 29; Serial No. 171,291; published Feb. 13, 1923.
Petroleum and products of petroleum. Standard Oil Company of New York. 168,798; May 29; Serial No. 174,941; published Mar. 13, 1923.
Petroleum and products of petroleum. Standard Oil Company of New York. 168,799; May 29; Serial No. 174,935; published Mar. 13, 1923.
Petroleum and products of petroleum. Standard Oil Company of New York. 169,459–60; June 19; Serial Nos. 174,939–40; published Mar. 20, 1923.
Petroleum and products of petroleum. Standard Oil Company of New York. 169,461–2; June 19; Serial Nos. 174,936–7; published Mar. 20, 1923.
Petroleum and products of petroleum. Standard Oil Company of New York. 169,463; June 19; Serial No. 174,934; published Mar. 20, 1923.
Petroleum and products of petroleum. Standard Oil Company of New York. 169,464; June 19; Serial No. 174,931; published Mar. 20, 1923.
Petroleum and products of petroleum. Standard Oil Company of New York. 170,325–6; July 10; Serial Nos. 175,959–60; published Apr. 3, 1923.
Petroleum and products of petroleum. Standard Oil Company of New York. 170,327; July 10; Serial No. 175,965; published Apr. 3, 1923.
Petroleum and products of petroleum. Standard Oil Company of New York. 170,328; July 10; Serial No. 175,968; published Apr. 3, 1923.
Petroleum and products of petroleum. Standard Oil Company of New York. 171,553; Aug. 7; Serial No. 178,147; published May 8, 1923.
Petroleum and products of petroleum. Standard Oil Company of New York. 171,556; Aug. 7; Serial No. 177,881; published May 8, 1923.
Petroleum and products of petroleum. Standard Oil Company of New York. 171,557; Aug. 7; Serial No. 177,879; published May 8, 1923.
Petroleum and products of petroleum. Standard Oil Company of New York. 173,064; Sept. 11.
Petroleum and products of petroleum for illuminating, heating, power, burning, etc. Standard Oil Company of New York. 163,177; Jan. 2.
Petroleum, gasoline, automobile and engine oils, etc. Continental Refining Company. 165,199; Mar. 6; Serial No. 167,713; published Dec. 12, 1922.
Petroleum, petroleum wax, lubricating greases, asphalt oils, etc. Texas Company, The. 163,541; Jan. 16.
Petroleum products. Seaside Oil Company. 166,496; Apr. 3; Serial No. 171,961; published Jan. 9, 1923.
Petroleum products. Wilshire Oil Co. 164,498; Feb. 20.
Petroleum tailings, road, residual, black, and fuel oils. Union Oil Company of California. 168,103; May 15; Serial No. 164,782; published Feb. 20, 1923.
Petroleum, Volatile compound derived from. Gilmore Petroleum Company. 169,975; July 10; Serial No. 166,557; published Apr. 10, 1923.

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Artists' materials. Artists Brush and Color Corporation. 174,266; Oct. 9; Serial No. 175,454; published July 10, 1923.
Asbestos liquid roof coating in the nature of a paint. Franklin Paint Company. 172,374; Aug. 28; Serial No. 158,038; published Oct. 3, 1922.
Auto products. Auto Products Mfg. Co. Inc. 171,035; July 31; Serial No. 158,744; published May 8, 1923.
Automobile bodies, Polishing compound for. J. H. Laidlaw. 170,711; July 24; Serial No. 149,592; published Apr. 24, 1923.
Bronze powder and bronzing liquid. United States Bronze Powder Works, Inc. 171,408; Aug. 7; Serial No. 176,313; published May 8, 1923.
Bronze powder, bronzing liquids, dragon's blood, driers, etc. William Zinsser & Company. 163,702; Jan. 23.
Bronze powders and bronzing liquids. United States Bronze Powder Works, Inc. 174,489; Oct. 16; Serial No. 176,230; published July 24, 1923.
Calcimine. Reardon Company. 168,802; May 29; Serial No. 174,214; published Feb. 27, 1923.
Calcimine. West Coast Kalsomine Company. 174,143; Oct. 2.
Calcimine. West Coast Kalsomine Company. 176,480; Nov. 27; Serial No. 180,779; published Sept. 18, 1923.
Calcimines. Muralo Company. 176,896; Dec. 4.
Calcimines. Muralo Company. 176,900; Dec. 4.
Carbon black. G. L. Cabot. 170,771; July 24; Serial No. 176,070; published Apr. 24, 1923.
Carbon black. Godfrey L. Cabot, Inc. 170,757; July 24; Serial No. 176,071; published Apr. 24, 1923.
Carbon black. Godfrey L. Cabot, Inc. 170,778; July 24; Serial No. 176,067; published Apr. 24, 1923.
Carbon black. Godfrey L. Cabot, Inc. 170,779; July 24; Serial No. 176,069; published Apr. 24, 1923.
Carbon black. Godfrey L. Cabot, Inc. 174,488; Oct. 16; Serial No. 176,065; published July 17, 1923.
Carbon black. Godfrey L. Cabot, Inc. 176,012; Nov. 13; Serial No. 176,068; published Sept. 4, 1923.
Chemical composition for the removal of oils, paints, etc. Shellac Co. of New York. 168,737; May 29; Serial No. 172,689; published Mar. 13, 1923.
Chemical products used in finishing heels and bottoms of shoes. K. B. Mathes. 166,199; Mar. 27; Serial No. 162,430; published Dec. 19, 1922.
Cleaner and polish. Smith Oil & Refining Company. 175,127; Oct. 30; Serial No. 180,627; published Aug. 14, 1923.
Cleaner and polisher. A. O. Hancock. 164,665; Feb. 27.
Cleaning and polishing composition for furniture, etc. T. P. Maynard. 172,787; Sept. 11; Serial No. 164,447; published Dec. 19, 1922.
Cleaning and polishing preparation. W. C. Miller. 166,009; Mar. 27; Serial No. 162,500; published Nov. 28, 1922.
Cleaning and polishing preparation for automobiles, furniture, etc. I-Sis Laboratories, Inc. 166,519; Apr. 3; Serial No. 172,163; published Jan. 9, 1923.
Coating compositions, paints, and varnishes, Ready-mixed. Victory Products, Inc. 164,304; Feb. 20.
Coating in the nature of an enamel or paint. L. Nekritz. 175,268; Oct. 30.
Colors and artist oil colors, Liquid water. Philip Ruxton, Incorporated. 176,398; Nov. 27; Serial No. 182,616; published Sept. 11, 1923.
Colors, Carriage. Gerstendorfer Bros. 164,276; Feb. 13.
Colors ground in oil, oil paints, enamel paint, etc. F. W. Geiler, Inc. 176,024; Nov. 13; Serial No. 177,732; published Sept. 4, 1923.
Colors, varnish stain, etc. California Paint Company. 169,659; June 26; Serial No. 166,812; published Mar. 27, 1923.
Colors, varnishes, and driers, Artists'. J. G. Müller & Co. 23,457; renewed Aug. 8, 1923.
Colors, varnishes, primers, paint enamels, and mixed paints, Japan. Ditzler Color Company. 176,392; Nov. 27; Serial No. 152,322; published Nov. 28, 1922.
Coloring and conserving means for leather, iron, and wood. Chromol Manufactory of Chemical Products, Inc. 166,799; Apr. 17. Serial No. 138,847; published May 9, 1922.
Composition, applied like paint, White covering. Samuel Cabot, Inc. 165,808; Mar. 20; Serial No. 167,459; published Dec. 26, 1922.
Compound for softening and removing paints, varnish, etc. Universal Sales Company. 166,195; Mar. 27; Serial No. 162,076; published Nov. 28, 1922.
Creams, hair tonic, face powder, witch-hazel, etc. Cold, almond, and lemon. De Milo Perfume Co. 163,049; Jan. 2.
Dressing for painted and varnished surfaces and glass, Transparent. J. E. Dabner. 177,537; Dec. 18; Serial No. 183,873; published Oct. 2, 1923.
Enamel. Edward E. Allen Mfg. Co. 172,342; Aug. 28; Serial No. 179,079; published May 29, 1923.
Enamel finish. R. D. Freeman. 176,666; Nov. 27; Serial No. 182,205; published Sept. 18, 1923.
Enamel, Iron. Sunset Paint Company. 166,153; Mar. 27; Serial No. 155,711; published Dec. 5, 1922.
Enamel, White. Stockton Paint Company. 163,538; Jan. 16.
Enamels and enamel paints. Toch Brothers, Incorporated. 164,915; Feb. 27.
Enamels, Paint. Frank Bownes Company. 170,609; July 17; Serial No. 176,396; published Apr. 17, 1923.
Enamels, Paint. J. C. Burris. 172,291; Aug. 28; Serial No. 165,911; published May 29, 1923.
Enamels, varnishes, and ready-mixed paints, Lead and zinc. Collins Art Company. 164,550; Feb. 20.
Filler, stove pipe paint enamel, asphalt roof paint, etc., Crack. Rutland Fire Clay Co. 166,201; Mar. 27; Serial No. 162,456; published Nov. 28, 1922.
Finishing and polishing materials in the nature of a varnish. Sheratone Products Corporation. 170,555; July 17; Serial No. 173,678; published Apr. 17, 1923.
Finishing or polishing material. Surfix Chemical Co. 176,049; Nov. 13; Serial No. 180,904; published Sept. 4, 1923.
Floor dressing. N. S. Hillyard. 175,130; Oct. 30; Serial No. 180,602; published Aug. 14, 1923.
Floor preservatives. Vitrifyx Company. 164,655–6; Feb. 27.
Floors, furniture, and woodwork, Cleaning and renewing the finish of. Sherwin-Williams Company. 166,963; Apr. 17.
Gasoline, kerosene, lubricating oils and greases. P. E. Trunk. 163,765; Jan. 23.
Glazes and enamels, Ready-prepared ceramic. Vitro Manufacturing Company. 169,820; July 3; Serial No. 168,625; published Apr. 3, 1923.
Hydrocarbon black. United Oil & Natural Gas Products Corporation. 170,445; July 17; Serial No. 172,133; published Apr. 10, 1923.
Lacquer compositions. W. H. Scheel. 170,790; July 24; Serial No. 175,326; published Apr. 24, 1923.
Lacquer compositions. W. H. Scheel. 176,403; Nov. 27; Serial No. 181,961; published Sept. 4, 1923.
Lacquer, Pyroxylin. Flood & Conklin Company. 171,551; Aug. 7; Serial No. 178,173; published May 8, 1923.
Lacquers and enamels. E. I. du Pont de Nemours & Company. 173,241; Sept. 18; Serial No. 162,384; published June 19, 1923.
Lead combined with zinc oxide, White. C. A. Woolsey Paint & Color Company. 163,210; Jan. 2.

Classified list of trade-marks registered—Continued.

Lead in oil, White. Anaconda Lead Products Company. 165,989; Mar. 27; Serial No. 165,473; published Nov. 14, 1922.
Lead or white-lead paint, Liquid white. Anaconda Lead Products Company. 166,237; Mar. 27; Serial No. 165,474; published Nov. 14, 1922.
Lead, Pure white. Eagle Picher Lead Company. 167,926; May 8; Serial No. 170,758; published Feb. 13, 1923.
Lead, Pure white. Eagle Picher Lead Company. 169,906; July 3; Serial No. 170,757; published Apr. 3, 1923.
Lead, Substitutes for white. Firma R. Kranenburg. 177,533; Dec. 18; Serial No. 182,977; published Oct. 2, 1923.
Lead, White. Anaconda Lead Products Company. 166,434; Apr. 3; Serial No. 164,094; published Jan. 9, 1923.
Lead, White. Chadwick-Boston Lead Company. 174,267; Oct. 9; Serial No. 175,344; published July 10, 1923.
Lead, White. James McCafferty & Sons Manufacturing Company. 166,242; Mar. 27; Serial No. 165,594; published Dec. 5, 1922.
Lead, White. James A. McCafferty & Sons Manufacturing Company. 167,896; May 8; Serial No. 168,645; published Feb. 13, 1923.
Lead, White. Whittier, Fuller & Co. 23,919; renewed Dec. 12, 1923.
Leads, Tinted. Wadsworth, Howland & Company. 23,110; renewed May 30, 1923.
Liquid compound in the nature of a furniture and automobile polish. Wonder Gloss Laboratories. 167,186; Apr. 24; Serial No. 168,233; published Jan. 9, 1923.
Liquid refinishing compound. E. B. Whitman. 168,727; May 29; Serial No. 171,973; published Feb. 27, 1923.
Lithopone, zinc white, barium sulphate, etc. Sete Ame des Industries Chimiques de Wilsele-Louvain. 164,288; Feb. 20.
Oil, aerated, used in the preparation of varnish. F. E. Booth Co. 163,707; Jan. 23.
Oil, Cleaning and polishing. H. M. Ruggles. 171,431; Aug. 7; Serial No. 165,159; published May 8, 1923.
Oil colors for photographs. Roehrig-Bieienberg Co., Inc. 164,440; Feb. 20.
Oil for making white enamels and light varnish. F. E. Booth Co. 163,709; Jan. 23.
Oil for paint oil, Sardine. F. E. Booth Co. 163,708; Jan. 23.
Oil for use on floors and furniture. A. Olmstead. 163,521; Jan. 16.
Oil paint. James B. Sipe & Company. 174,285; Oct. 9; Serial No. 179,331; published July 3, 1923.
Oil, Pine. Hercules Powder Company. 171,395; Aug. 7; Serial No. 176,835; published May 8, 1923.
Oil, Pine. Hercules Powder Company. 171,396; Aug. 7; Serial No. 176,833; published May 8, 1923.
Oil, Pine. Hercules Powder Company. 171,397–9; Aug. 7; Serial Nos. 176,830–2; published May 8, 1923.
Oil, Thinning. R. J. Brown Petroleum Company. 166,442; Apr. 3; Serial No. 166,646; published Jan. 9, 1923.
Oil used in making high-gloss varnish. F. E. Booth Co. 170,578; July 17; Serial No. 167,553; published Apr. 17, 1923.
Oil used in making ready-mixed enamels and paints. Geo. R. Unkefer, Inc. 172,201; Aug. 28; Serial No. 172,135; published May 29, 1923.
Oils. Balfour, Williamson and Company. 164,415; Feb. 20.
Oils for painted, varnished and lacquered surfaces, Polishing. R. Douglas. 169,947; July 10; Serial No. 174,429; published Apr. 10, 1923.
Oils, Paint. Fulghum & Company. 163,741; Jan. 23.
Oils. Union Petroleum Company. 171,920; Aug. 14.
Oxides, Red. J. A. McNulty. 173,410; Sept. 25; Serial No. 177,684; published June 19, 1923.
Paint. Edward E. Allen Mfg. Co. 172,343–4; Aug. 28; Serial Nos. 179,080–1; published May 29, 1923.
Paint. Cokal Stoker Corporation. 165,829; Mar. 20; Serial No. 171,573; published Dec. 26, 1922.
Paint. Goheen Corporation. 169,596; June 26; Serial No. 129,129; published Mar. 27, 1923.
Paint. A. C. Horn Company. 171,165; July 31; Serial No. 176,738; published May 1, 1923.
Paint. J. McLeod. 169,505; June 19; Serial No. 160,360; published Mar. 20, 1923.
Paint. Nitrose Company. 172,247; Aug. 28; Serial No. 159,690¾; published May 29, 1923.
Paint. Paraffine Companies, Inc. 176,544; Nov. 27; Serial No. 183,588; published Sept. 18, 1923.
Paint. Paraffine Companies, Inc. 176,545; Nov. 27; Serial No. 183,591; published Sept. 18, 1923.
Paint and paint enamel for furniture, Roofing. F. O. Schoedinger. 174,386; Oct. 16; Serial No. 172,185; published July 17, 1923.
Paint and paint thinner, Ready-mixed. Barrett Company. 169,829; July 3; Serial No. 173,269; published Apr. 3, 1923.
Paint and varnish remover. Marshall & Burke. 166,459; Apr. 3; Serial No. 169,642; published Jan. 9, 1923.
Paint and varnish removers. Consolvo Manufacturing Co. 177,385; Dec. 18; Serial No. 181,475; published Oct. 2, 1923.
Paint and varnish removers. F. P. Schmidt. 166,446; Apr. 3; Serial No. 166,409; published Jan. 9, 1923.
Paint and varnish remover. A. W. Scoles. 164,541; Feb. 20.
Paint and wood and iron preservatives, Roof. Roof Security Company. 164,633; Feb. 27.
Paint, Asphaltum-base. Interocean Oil Company. 164,669; Feb. 27.
Paint, Black paraffin. Stelwagon Manufacturing Co. 166,067; Mar. 27; Serial No. 160,368; published Nov. 14, 1922.
Paint, Boat. Westcott, Slade and Balcom Company. 174,403; Oct. 16; Serial No. 178,647; published July 17, 1923.
Paint, Cement. Norwalk Vault Company. 166,746; Apr. 10.
Paint coatings, bituminous paints, etc., Anticorrosive protective and waterproof. Hill-Hubbell and Company. 170,881; July 24; Serial No. 157,426; published Mar. 20, 1923.
Paint, Cold-water. Muralo Company. 166,465; Apr. 3; Serial No. 168,898; published Jan. 9, 1923.
Paint, colors in oil, shellac. R. E. Craigie. 163,043; Jan. 2.
Paint, colors in oil, zinc paste, etc., Soft-tone flat wall. Winchester Repeating Arms Co. 176,385; Nov. 27; Serial No. 175,751; published Sept. 11, 1923.
Paint composition, Dry. A. L. Rice, Inc. 171,430; Aug. 7; Serial No. 165,507; published May 15, 1923.
Paint enamel. Devoe & Raynolds Co. 163,494; Jan. 16.
Paint enamel. D. Feinson. 163,432; Jan. 9.
Paint enamel, Full gloss and semigloss. Devoe & Raynolds Co. 163,493; Jan. 16.
Paint enamel, White. Paramount Paint & Varnish Co. 170,048; July 10; Serial No. 175,209; published Apr. 10, 1923.
Paint enamels. American Varnish Co. 173,708–9; Oct. 2; Serial No. 177,891–2; published June 26, 1923.
Paint enamels. Baker Paint & Varnish Co. 169,873; July 3; Serial No. 174,604; published Apr. 3, 1923.
Paint enamels. Frank Bownes Company. 166,484; Apr. 3; Serial No. 170,619; published Jan. 9, 1923.
Paint enamels. National Paint and Varnish Co. 166,104; Mar. 27; Serial No. 165,028; published Nov. 14, 1922.
Paint enamels. Toch Brothers. 164,510; Feb. 20.
Paint enamels. C. A. Woolsey Paint & Color Company. 166,189; Mar. 27; Serial No. 161,515; published Dec. 5, 1922.
Paint enamels and undercoatings for same. L. Sonneborn Sons Inc. 166,040; Mar. 27; Serial No. 167,787; published Nov. 14, 1922.
Paint, fiber roof paint, varnish, paint enamel, etc., Wagon. Progress Paint Mfg. Co. 170,293; July 10; Serial No. 176,043; published Apr. 17, 1923.
Paint, floor finish, wall-paint reducer, color varnish, House. Sunset Paint Company. 172,054; Aug. 21; Serial No. 127,665; published Aug. 31, 1920.
Paint for metal surfaces, Primer. James B. Sipe & Company. 174,283; Oct. 9; Serial No. 179,325; published July 3, 1923.
Paint for roofing, Ready-mixed. Oertel Roofing Manufacturing Company. 166,200; Mar. 27; Serial No. 162,441; published Nov. 28, 1922.
Paint, japans, stains, etc. Sherwin-Williams Company. 168,347; May 22; Serial No. 136,241; published Feb. 20, 1923.
Paint, Lead, oil, and zinc. Arnesto Paint Co. 164,644; Feb. 27.
Paint, Lead, oil, and zinc. M. J. Merkin Paint Co. Inc. 169,950; July 10; Serial No. 174,583; published Apr. 10, 1923.
Paint, linseed oil, etc., Oil. L. A. Stabler. 172,628; Sept. 11; Serial No. 154,287; published Apr. 3, 1923.
Paint, linseed oils, floor and furniture polish, etc., Oil. G. M. Budeke. 175,295; Nov. 6; Serial No. 155,044; published Feb. 13, 1923.
Paint, Liquid. Pittsburgh Plate Glass Company. 163,152; Jan. 2.
Paint, Liquid. Toch Brothers, Incorporated. 171,391; Aug. 7; Serial No. 177,251; published May 8, 1923.
Paint, Luminescent. R. Ford. 166,231; Mar. 27; Serial No. 165,189; published Nov. 14, 1922.
Paint, Luminous. Gray & Bretey Co. 176,031; Nov. 13; Serial No. 179,199; published Sept. 4, 1923.
Paint, nonfouling paint, anticorrosive composition, antifouling composition, etc., Copper. Oliver Reeder & Son, Incorporated. 166,060; Mar. 27; Serial No. 168,172; published Nov. 7, 1922.
Paint, Oil. Detroit Graphite Company. 176,913; Dec. 4.
Paint, paint enamels, lacquers, prepared shellac, etc. Sherwin-Williams Company. 167,678; May 8; Serial No. 147,470; published Feb. 13, 1923.
Paint, paint enamels, stains, lacquers, etc. Martin-Senour Company. 167,821; May 8; Serial No. 155,358; published Feb. 13, 1923.
Paint, Paste. James B. Sipe & Company. 174,284; Oct. 9; Serial No. 179,326; published July 3, 1923.
Paint, Paste and ready-mixed. Colonial Works. 174,238; Oct. 9; Serial No. 180,097; published July 3, 1923.
Paint pigment. American Crayon Company. 165,850; Mar. 20; Serial No. 169,391; published Jan. 2, 1923.
Paint pigments. Krebs Pigment & Chemical Company. 166,322; Mar. 27.

Paint pigments. Krebs Pigment & Chemical Company. 169,446; June 19; Serial No. 172,840; published Mar. 27, 1923.
Paint pigments. Krebs Pigment & Chemical Company. 169,622; June 26; Serial No. 172,841; published Mar. 27, 1923.
Paint, Prepared. Sewall Paint and Glass Company. 177,545; Dec. 18; Serial No. 183,320; published Oct. 2, 1923.
Paint products, Drier for. Sherwin-Williams Company. 168,455; May 22; Serial No. 173,581; Feb. 20, 1923.
Paint, Protective and fire-retarding. Detroit Graphite Company. 164,331; Feb. 20.
Paint purposes, Paste for. New Jersey Zinc Company. 173,458; Sept. 25; Serial No. 178,402; published June 19, 1923.
Paint, Quick-drying, waterproof, and acid and alkali resisting. Mitchell-Rand Manufacturing Co. 164,323; Feb. 20.
Paint, Ready-mixed. American Asphalt Paint Co. 174,494; Oct. 16; Serial No. 178,017; published July 17, 1923.
Paint, Ready-mixed. American Crayon Company. 164,589; Feb. 20.
Paint, Ready-mixed. H. B. Davis Company. 169,649; June 26; Serial No. 169,538; published Mar. 27, 1923.
Paint, Ready-mixed. Paramount Paint & Varnish Co. 170,047; July 10; Serial No. 175,208; published Apr. 10, 1923.
Paint, Ready-mixed. W. B. Robeson. 168,817; May 29; Serial No. 170,089; published Feb. 27, 1923.
Paint, Ready-mixed roof. Kling-Tite Products Co. 166,486; Apr. 3; Serial No. 170,687; published Jan. 9, 1923.
Paint remover. E. F. Miller. 174,247; Oct. 9; Serial No. 166,747; published July 10, 1923.
Paint to resurface cement floors. Wailes Dove-Hermiston Corporation. 165,818; Mar. 20; Serial No. 165,839; published Dec. 26, 1922.
Paint, varnish, and the like, Composition for the removal of. P. R. K. Chemical Co. 170,930; July 24; Serial No. 162,765; published Oct. 31, 1922.
Paints. American Marine Paint Company. 170,784; July 24; Serial No. 174,987; published Apr. 24, 1923.
Paints. J. F. Chisholm. 166,485; Apr. 3; Serial No. 170,621; published Jan. 9, 1923.
Paints. Eberson-Lindsley Paint Company. 169,556; June 19.
Paints. Indiana Indestructible Paint Co. 174,255; Oct. 9; Serial No. 146,555; published Aug. 8, 1923.
Paints. Pyramid Paint Co. 175,692; Nov. 6.
Paints. Regulation Paint Co. 176,548; Nov. 27; Serial No. 183,596; published Sept. 18, 1923.
Paints. Titanium Pigment Company. 168,764; May 29; Serial No. 173,111; published Feb. 27, 1923.
Paints. E. M. and F. Waldo. 171,456; Aug. 7; Serial No. 168,503; published May 8, 1923.
Paints. Wall Paper Manufacturers Limited. 173,182; Sept. 18; Serial No. 169,381; published June 19, 1923.
Paints, Aluminum enamel. Gerstendorfer Bros. 164,277; Feb. 13.
Paints and compositions. Wailes, Dove & Co. 23,817; renewed Nov. 14, 1923.
Paints and finishing compounds, Gold, bronze, and aluminum. P. L. O'Neill. 166,374; Apr. 3; Serial No. 169,959; published Dec. 5, 1922.
Paints and paint enamels. California Paint Company. 168,506; May 22.
Paints and paint enamels. C. Drabek. 176,060; Nov. 13; Serial No. 182,502; published Sept. 4, 1923.
Paints and paint enamels. Toch Brothers. 166,191; Mar. 27; Serial No. 161,589; published Oct. 31, 1922.
Paints and painters' materials. B. L. Daily. 165,856; Mar. 20; Serial No. 143,811; published Jan. 2, 1923.
Paints and shellac, Wood-preserving. Davey Tree Expert Company. 176,399; Nov. 27; Serial No. 182,296; published Sept. 11, 1923.
Paints and shellac, Wood-preserving. Davey Tree Expert Company. 176,549; Nov. 27; Serial No. 183,054; published Sept. 18, 1923.
Paints and varnishes. Glidden Company. 176,387; Nov. 27; Serial No. 172,672; published Sept. 11, 1923.
Paints and varnishes. E. W. Nash Company. 163,136; Jan. 2.
Paints and varnishes. Oliver Reeder & Son, Inc. 170,510; July 17; Serial No. 173,006; published Apr. 17, 1923.
Paints and varnishes. St. Louis Surfacer & Paint Company. 170,514; July 17; Serial No. 172,777; published Apr. 17, 1923.
Paints and varnishes, Dry and ready-mixed. Henry A. Gardner Paint Co. 165,020; Feb. 27.
Paints and varnishes, Liquid ready-mixed. Otello and Bitmo Corporation. 164,856; Feb. 27.
Paints and varnishes, Ready-mixed. Ferbert-Schorndorfer. 165,772; Mar. 20; Serial No. 159,698; published Jan. 2, 1923.
Paints and water colors, etc. Munsell Color Company. 177,684; Dec. 25; Serial No. 167,577; published Feb. 13, 1923.
Paints, driers, wood stains, etc. Patterson-Sargent Company. 163,694; Jan. 23.
Paints, Elastic. J. W. Ware. 163,455; Jan. 9.
Paints, Enamel. Gerstendorfer Bros. 164,274; Feb. 13.
Paints, enamels, colors, etc. M. F. Keller. 174,981; Oct. 30; Serial No. 137,528; published Aug. 14, 1923.
Paints, enamels, etc., Preparations used in the manufacture of floor. Keystone Varnish Company. 170,610; July 17; Serial No. 176,351; published Apr. 17, 1923.
Paints, enamels, varnish, etc. Indiana Indestructible Paint Co. 172,052; Aug. 21; Serial No. 128,971; published May 3, 1921.
Paints, enamels, varnishes, etc. Thomson Wood Finishing Co. 177,380; Dec. 18; Serial No. 181,873; published Oct. 2, 1923.
Paints, enamels, varnishes, japans, stains, and colors in oil. Lansing Paint and Color Co. 164,668; Feb. 27.
Paints, etc. Barber Asphalt Paving Company. 168,635; May 29; Serial No. 168,350; published Feb. 27, 1923.
Paints for waterproofing buildings, expansive joint, Asphaltic. Gardiner & Lewis. 167,676; May 8; Serial No. 141,367; published Feb. 13, 1923.
Paints, Gold enamel. Gerstendorfer Bros. 164,273; Feb. 13.
Paints, house paints, paint enamels, etc., Ready-mixed. Kolbe Paint Company. 170,632; July 17; Serial No. 175,358; published Apr. 17, 1923.
Paints, Liquid and paste. Pittsburgh Plate Glass Company. 170,296; July 10; Serial No. 175,518; published Apr. 17, 1923.
Paints, Liquid and paste. Pittsburgh Plate Glass Company. 170,768; July 24; Serial No. 177,451; published Apr. 24, 1923.
Paints, liquid, paste, and solid; paint enamels, prepared shellacs, etc. W. H. Johnson. 164,639; Feb. 27.
Paints, Marine, ready-mixed, and copper. Oliver Reeder & Son, Incorporated. 166,059; Mar. 27; Serial No. 168,173; published Nov. 7, 1922.
Paints, Mixed and paste. American Gilsonite Products Co. 166,050; Mar. 27; Serial No. 168,704; published Dec. 5, 1922.
Paints, Mixed liquid. Senora Paint Works, Inc. 173,413; Sept. 25; Serial No. 177,752; published June 19, 1923.
Paints, Oil. R. F. Johnston Paint Co. 176,816; Nov. 27.
Paints, oil colors, varnish, etc. E. C. Peck. 177,541; Dec. 18; Serial No. 183,499; published Oct. 2, 1923.
Paints or calcimines, Wall-finish. McPhee & McGinnity Company. 169,615; June 26; Serial No. 172,605; published Mar. 27, 1923.
Paints, paint and varnish driers, paint enamels, etc. Patterson-Sargent Co. 164,631; Feb. 27.
Paints, paint enamels, colors in oil, japan drier, and varnish. R. E. Craigie. 163,042; Jan. 2.
Paints, paint enamels, japans, etc. Sherwin-Williams Company. 164,193; Feb. 13.
Paints, paint enamels, japans, etc. Sherwin-Williams Company. 170,537; July 17; Serial No. 174,413; published Apr. 17, 1923.
Paints, paint enamels, japans, varnishes, etc. Detroit White Lead Works. 167,535; May 1; Serial No. 171,985; published Feb. 13, 1923.
Paints, paint enamels, japans, varnishes, etc. Sherwin-Williams Company. 164,606–7; Feb. 20.
Paints, paint enamels, japans, varnishes, etc. Sherwin-Williams Company. 165,277; Mar. 6; Serial No. 154,327; published Dec. 12, 1922.
Paints, paint enamels, japans, varnishes, stains, and fillers. Sherwin-Williams Company. 169,471–2; June 19; Serial No. 173,680–1; published Mar. 20, 1923.
Paints, paint enamels, japans, varnishes, stains, and fillers. Sherwin-Williams Company. 169,474; June 19; Serial No. 173,789; published Mar. 20, 1923.
Paints, paint enamels, japans, varnishes, stains, and fillers. Sherwin-Williams Company. 169,475; June 19; Serial No. 173,787; published Mar. 20, 1923.
Paints, paint enamels, paint oils. Mound City Paint & Color Company. 168,866; May 29; Serial No. 172,170; published Mar. 13, 1923.
Paints, paint enamels, prepared shellacs, etc. W. H. Johnson. 163,750; Jan. 23.
Paints, paint enamels, stains, and varnishes. Monroe, Lederer & Taussig. 167,929; May 8; Serial No. 171,336; published Feb. 13, 1923.
Paints, paint enamels, stains, and varnishes. Monroe, Lederer & Taussig. 167,932–3; May 8; Serial Nos. 171,811–2; published Feb. 13, 1923.
Paints, paint enamels, stains, varnishes. Monroe Lederer & Taussig. 171,604; Aug. 7; Serial No. 174,256; published May 8, 1923.
Paints, paint enamels, varnishes, stains, etc. Sherwin-Williams Company. 164,558; Feb. 20.
Paints, paint enamels, varnishes, stains, etc. Sherwin-Williams Company. 164,638; Feb. 27.
Paints, Paste. Halove Company. 164,585; Feb. 20.
Paints, Paste. Halove Company. 167,895; May 8; Serial No. 168,609; published Feb. 13, 1923.
Paints, Pigment for. Thermatomic Carbon Co. 165,195; Mar. 6; Serial No. 167,906; published Dec. 12, 1922.
Paints, putty, linseed oil, and turpentine, etc. H. W. Webster. 172,368; Aug. 28; Serial No. 160,908; published Apr. 3, 1923.
Paints, putty, linseed oil, turpentine, etc., Dry, ready-mixed, and paste. Cincinnati Wall Paper Co. 165,766; Mar. 20; Serial No. 160,871; published Jan. 2, 1923.
Paints, Ready-mixed. Asbestos, Limited. 174,853; Oct. 23; Serial No. 177,262; published June 19, 1923.

Classified list of trade-marks registered—Continued.

Paints, Ready-mixed. Asbestos Roofing Company. 164,332; Feb. 20.
Paints, Ready-mixed. Benjamin Moore & Co. 176,047; Nov. 13; Serial No. 180,803; published Sept. 4, 1923.
Paints, Ready-mixed. Bradley & Vrooman Company. 167,327; Apr. 24.
Paints, Ready-mixed. Certain-Teed Products Corporation. 174,643; Oct. 23; Serial No. 181,174; published July 31, 1923.
Paints, Ready-mixed. Charles M. Childs & Co. Inc. 169,443; June 19; Serial No. 173,031; published Mar. 20, 1923.
Paints, Ready-mixed. E. I. du Pont de Nemours & Company. 165,976; Mar. 27; Serial No. 160,878; published Nov. 14, 1922.
Paints, Ready-mixed. F. Fahrbach. 166,244; Mar. 27; Serial No. 165,673; published Dec. 19, 1922.
Paints, Ready-mixed. John Lucas & Company. 163,753; Jan. 23.
Paints, Ready-mixed. Regulation Paint Co. 176,546; Nov. 27; Serial No. 183,597; published Sept. 18, 1923.
Paints, Ready-mixed. United States Gutta Percha Paint Company. 165,664; Mar. 20; Serial No. 166,916; published Dec. 26, 1922.
Paints, Ready-mixed and paste. Interstate Paint & Supplies Co. 166,398; Apr. 3; Serial No. 169,402; published Dec. 19, 1922.
Paints, Ready-mixed oil. Standard Wall Paper Co. 163,763; Jan. 23.
Paints, Ready-mixed wall. Rasmussen & Co. 166,831; Apr. 17; Serial No. 170,695; published Jan. 30, 1923.
Paints, Roof and ready-mixed. Fries, Beall & Sharp Co. 167,943; May 8; Serial No. 169,584; published Feb. 13, 1923.
Paints, stains, varnishes, and similar articles. Harrison Bros. & Co. 22,656; renewed Mar. 14, 1923.
Paints, stains, varnishes, white lead, varnish, oil stains, Mixed. Charleston Paint Co. 166,068; Mar. 27; Serial No. 160,337; published Dec. 19, 1922.
Paint, varnish, and paint enamel, Ready-mixed. Republic Varnish Company. 171,266; July 31; Serial No. 177,107; published May 15, 1923.
Paints, varnish, paint enamel, etc. Regulation Paint Co. 171,527; Aug. 7; Serial No. 176,044; published May 8, 1923.
Paints, varnish stains, and enamels. Con-Ferro Paint & Varnish Co. 172,174; Aug. 21.
Paints, varnish stains, etc., Ready-mixed. Con-Ferro Paint & Varnish Co. 167,928; May 8; Serial No. 171,258; published Feb. 13, 1923.
Paints, varnish stains, etc., Ready-mixed or prepared. C. A. Woolsey Paint & Color Company. 164,834; Feb. 27.
Paints, varnishes, and oils. N. V. Vernis- en Verffabriek v. h. J. Wagemakers & Zonen. 170,733; July 24; Serial No. 172,391; published Apr. 24, 1923.
Paints, varnishes and paint enamels. Enterprise Paint Mfg. Co. 169,825; July 3; Serial No. 174,001; published Apr. 3, 1923.
Paints, varnishes, and stains. United Paint-Up Stores, Inc. 169,517; June 19; Serial No. 172,302; published Mar. 20, 1923.
Paints, varnishes, driers, paste paints, colors in oil, etc., Prepared. H. J. Kuhn. 166,489; Apr. 3; Serial No. 171,023; published Jan. 9, 1923.
Paints, varnishes, dry colors, etc., Ready-mixed. M. L. Detourbe. 176,068; Nov. 13; Serial No. 181,683; published Sept. 4, 1923.
Paints, varnishes, dry colors, etc., Ready-mixed. M. L. Detourbe. 176,075; Nov. 13; Serial No. 181,684; published Sept. 4, 1923.
Paints, varnishes, enamels, colors, etc. W. B. Wheeler. 168,477; May 22; Serial No. 168,232; published Feb. 20, 1923.
Paints, varnishes, enamels, wood fillers, etc. Enterprise Paint Mfg. Co. 169,451; June 19; Serial No. 172,735; published Mar. 20, 1923.
Paints, varnishes, fillers, and shellacs, Ready-mixed. S. Joseph & Son Co. 174,235; Oct. 9; Serial No. 180,285; published July 10, 1923.
Paints, varnishes, floor wax. C. A. Nash & Son, Inc. 163,756; Jan. 23.
Paints, varnishes, japans, and paint enamels. Stanley Chemical Company. 166,498; Apr. 3; Serial No. 162,514; published Jan. 9, 1923.
Paints, varnishes, japans, etc. Riverside Paint & Varnish Company. 166,735; Apr. 10.
Paints, varnishes, linseed oil, etc. Standard Oil Company of New York. 166,013; Mar. 27; Serial No. 162,901; published Dec. 12, 1922.
Paints, varnishes, paint enamels. C. Drabek. 174,377; Oct. 16; Serial No. 165,858; published July 17, 1923.
Paints, varnishes, paint enamels. Enterprise Paint Mfg. Co. 170,267; July 10; Serial No. 174,829; published Apr. 17, 1923.
Paints, varnishes, paint enamels. Enterprise Paint Mfg. Co. 170,268; July 10; Serial No. 174,827; published Apr. 17, 1923.
Paints, varnishes, paint enamels, dry colors. Bradley-Wise Paint Company. 172,109; Aug. 21; Serial No. 172,464; published May 15, 1923.
Paints, varnishes, paint enamels, etc. Geo. D. Wetherill & Co. 177,799; Dec. 25.
Paints, varnishes, paint enamels, etc., Mixed. Southwestern Paint and Varnish Co. 164,401; Feb. 20.
Paints, varnishes, paint enamels, etc., Ready-mixed. C. Drabek. 175,956; Nov. 13; Serial No. 165,859; published Sept. 4, 1923.
Paints, varnishes, putties, dry colors, white lead, etc. Baker Paint & Varnish Co. 169,872; July 3; Serial No. 174,605; published Apr. 3, 1923.
Paints, varnishes, ready-mixed enamels and metal stains, waterproof coatings, etc., Ready-mixed. Mirrolike Mfg. Co. 164,326; Feb. 20.
Paints, varnishes, stains, etc. Black Diamond Paint & Varnish Works. 167,332; Apr. 24.
Paints, varnishes, stains, colors, etc. Assets Producing Company. 176,040; Nov. 13; Serial No. 179,921; published Sept. 4, 1923.
Paints, varnishes, stains, paint enamels, Ready-mixed. Star-Peerless Wall Paper Mills. 175,507; Nov. 6; Serial No. 178,939; published Aug. 28, 1923.
Paints, varnishes, varnish removers, and enamel paints. Enterprise Paint Mfg. Co. 172,126; Aug. 21; Serial No. 174,828; published May 29, 1923.
Paints, varnishes, varnish stains, Liquid. Carpenter-Morton Company. 163,463; Jan. 16.
Paints, wall size, and wall-paint thinners, Ready-mixed wall. Sewall Paint & Glass Company. 168,728; May 29; Serial No. 172,186; published Feb. 27, 1923.
Paints, Water. Maxwell Paint Company. 168,733; May 29; Serial No. 172,338; published Mar. 13, 1923.
Paints, Water-color. Binney & Smith Company. 165,139; Mar. 6; Serial No. 150,651; published Dec. 12, 1922.
Paints, Water-color. Société des Peintures Economiques "Fixalo." 166,357; Apr. 3; Serial No. 149,149; published Jan. 9, 1923.
Paints, water colors, etc., Tubed artist oil. Old Master Color Co. 172,217; Aug. 28; Serial No. 174,025; published May 29, 1923.
Paris white. Hammill & Gillespie, Inc. 166,314; Mar. 27.
Paris white. Taintor Company. 176,013; Nov. 13; Serial No. 176,315; published Sept. 4, 1923.
Petroleum substitute for turpentine. Pure Oil Company. 167,822; May 8; Serial No. 155,319; published Feb. 13, 1923.
Plastered walls, Flat white coatings for use on. Toch Brothers, Incorporated. 175,953; Nov. 13; Serial No. 183,128; published Sept. 4, 1923.
Polish. Bower & McQuillen. 164,603; Feb. 20.
Polish. J. Jenen. 170,738; July 24; Serial No. 174,142; published Apr. 24, 1923.
Polish. Sherwin-Williams Company. 171,956; Aug. 14.
Polish and cleanser, Furniture and wood. S. M. Kirkpatrick & Co. 163,717; Jan. 23.
Polish and coating for the front ends and stacks of locomotives. Chas. R. Long, Jr., Co. 168,107; May 15; Serial No. 60,550; published Apr. 30, 1918.
Polish and shellac, Liquid. J. Palise. 176,543; Nov. 27; Serial No. 183,226; published Sept. 18, 1923.
Polish, Automobile. Black Duck Products, Incorporated. 166,185; Mar. 27; Serial No. 160,384; published Dec. 19, 1922.
Polish, Automobile. Rosebud Chemical Co. 163,160; Jan. 2.
Polish. Automobile. Taunton Chemical Co. 164,662; Feb. 27.
Polish, Automobile. M. M. Williams. 166,469; Apr. 3; Serial No. 168,660; published Nov. 7, 1922.
Polish, Automobile and furniture. A. Hagel. 166,027; Mar. 27; Serial No. 163,754; published Nov. 28, 1922.
Polish, Automobile and piano. K. Smuckler. 174,256; Oct. 9; Serial No. 173,939; published July 3, 1923.
Polish, Automobile, piano, and furniture. A. N. Sanderson. 174,239; Oct. 9; Serial No. 180,082; published July 3, 1923.
Polish, floor dressing and oil, Furniture and automobile. J. S. Tumblin. 166,169; Mar. 27; Serial No. 166,208; published Dec. 5, 1922.
Polish for automobiles and furniture, Liquid. O-Zo Laboratory. 163,721; Jan. 23.
Polish for automobiles, etc. Byrnes-Linn Products Co. 169,445; June 19; Serial No. 172,860; published Mar. 20, 1923.
Polish for automobiles, furniture, etc. Sun-Bil Auto Polish Co. 171,554; Aug. 7; Serial No. 177,926; published May 8, 1923.
Polish for cleaning and polishing furniture, floors, etc. Channell Chemical Company. 163,652; Jan. 23.
Polish for furniture and the like. Spee De Polish Co. 166,213; Mar. 27; Serial No. 169,090; published Dec. 19, 1922.
Polish for furniture, automobiles, and floor oil. Rubon Wood Finishing and Products Co. 165,907: Mar. 20.
Polish for furniture, automobiles, and musical instruments. E. Meyer. 163,600; Jan. 23.
Polish for furniture, automobiles, etc. S. Schoener. 168,718; May 29; Serial No. 171,709; published Mar. 13, 1923.
Polish for furniture, pianos, autos, etc. Visco Chemical Products Company. 176,416; Nov. 27; Serial No. 180,568; published Sept. 11, 1923.
Polish for painted and varnished surfaces. Henry L. Hunter & Co. 166,373; Apr. 3; Serial No. 169,974; published Dec. 19, 1922.
Polish for painted and varnished surfaces. Western Auto Polish Co. 163,771; Jan. 23.

Classified list of trade-marks registered—Continued.

Polish for pianos, automobiles, furniture, etc. Greschler Brothers. 163,501; Jan. 16.
Polish for polishing enameled, painted, or varnished surfaces. Sheldon Booth & Co. 168,736; May 29; Serial No. 172,636; published Mar. 13, 1923.
Polish for restoring the polish of musical instruments. J. Nicomede. 174,778; Oct. 23; Serial No. 169,317; published July 24, 1923.
Polish, Floor. W. K. Petrie. 176,641; Nov. 27; Serial No. 166,091; published Sept. 18, 1923.
Polish, Furniture. H. Asher. 167,925; May 8; Serial No. 170,603; published Feb. 13, 1923.
Polish, Furniture. Buddy Products Co. 173,742; Oct. 2; Serial No. 178,217; published June 19, 1923.
Polish, Furniture. Byme Manufacturing Co. 163,491; Jan. 16.
Polish, Furniture. J. F. Dutra. 169,577; June 26; Serial No. 164,792; published Mar. 27, 1923.
Polish, Furniture. L. Glick. 165,246; Mar. 6.
Polish, Furniture. Grady Mfg. Co. 166,376; Apr. 3; Serial No. 169,806; published Dec. 5, 1922.
Polish, Furniture. W. T. Grant Company. 170,760; July 24; Serial No. 176,405; published Apr. 24, 1923.
Polish, Furniture. Hayes & Armstrong. 177,548; Dec. 18; Serial No. 183,210; published Oct. 2, 1923.
Polish, Furniture. W. Medvene. 164,362; Feb. 20.
Polish, Furniture. J. E. Smith. 170,319; July 10; Serial No. 175,529; published Apr. 3, 1923.
Polish, Furniture and automobile. A. C. Boyd. 175,066; Oct. 30; Serial No. 171,062; published Aug. 14, 1923.
Polish, Furniture and automobile. Hy-Gen-Ol Laboratory. 163,748; Jan. 23.
Polish, Furniture and automobile. A. Kamerman. 166,051; Mar. 27; Serial No. 168,473. published Nov. 14, 1922.
Polish, Furniture and automobile. Larson-Sorahan Co. 174,492; Oct. 16; Serial No. 177,563; published July 17, 1923.
Polish, Furniture and automobile. S. Shriberg. 164,627; Feb. 27.
Polish, Furniture and automobile. Viller & Prost. 169,891; July 3; Serial No. 159,449; published Apr. 3, 1923.
Polish, Furniture, automobile, etc. F. Rollini. 165,837; Mar. 20; Serial No. 171,105; published Dec. 26, 1922.
Polish or blacking, Stove. Morse Bros. 22,622; renewed Mar. 7, 1923.
Polish, Piano. A. S. Pilcher. 167,758; May 8; Serial No. 170,504; published Feb. 13, 1923.
Polish, Powdered. W. C. Tauch. 177,407; Dec. 18; Serial No. 179,171; published Oct. 2, 1923.
Polish, top dressing, paint enamel, Body. G. A. Cerny. 177,393; Dec. 18; Serial No. 181,338; published Oct. 2, 1923.
Polishes. A. W. Duffield. 165,936; Mar. 20.
Polishes and dressings for furniture, automobiles, and other painted and varnished surfaces, for automobile tops and leather, and for reoiling mop. Du-All Manufacturing Company. 165,769; Mar. 20; Serial No. 160,236; published Dec. 26, 1922.
Polishes, Automobile and furniture. T. & A. Chemical Company. 169,651; June 26; Serial No. 168,742; published Mar. 27, 1923.
Polishes for automobile bodies, furniture, etc. Nu-Shyne Sope-Olish Co. 168,287; May 15.
Polishes for automobiles and furniture. L. E. Beougher. 171,166; July 31; Serial 176,781; published Apr. 24, 1923.
Polishes for automobiles, etc. P. E. Scott. 163,535; Jan. 16.
Polishes for furniture, automobiles, etc. Olson Brothers Company. 170,721; July 24; Serial No. 173,203; published Apr. 24, 1923.
Polishes, Furniture and automobile. P. S. Bern. 171,092; July 31; Serial No. 174,505; published May 15, 1923.
Polishes, Furniture and automobile. Mansfield Chemical Company. 169,971; July 10; Serial No. 164,600; published Apr. 10, 1923.
Polishing and cleaning automobiles, pianos, etc., Preparation for. J. C. Wilmot. 167,073; Apr. 24; Serial No. 172,139; published Jan. 9, 1923.
Polishing creams for painted, varnished, and lacquered surfaces. Callidendron Mfg. & Chemical Corp. 166,467; Apr. 3; Serial No. 168,824; published Jan. 9, 1923.
Polishing materials. Cleveland Chemical Corporation. 176,448; Nov. 27; Serial No. 176,949; published Sept. 18, 1923.
Polishing preparation for painted, varnished, or enameled surfaces, etc. "Sta-Rite" Mfg. Co. 166,372; Apr. 3; Serial No. 169,988; published Dec. 5, 1922.
Polishing preparations for varnished and enameled surfaces. Lull Company. 163,511; Jan. 16.
Powder mixed with cold water and used as a wall coating, Dry. Muralo Company. 166,488; Apr. 3; Serial No. 170,986; published Jan. 9, 1923.
Preparations for polishing automobiles, furniture, etc. C. G. Hodapp. 176,779; Nov. 27.
Preparation for renewing the finish of painted, varnished, or lacquered surfaces. Pittsburg Specialty Co. 166,165; Mar. 27; Serial No. 165,719; published Dec. 19, 1922.
Preparation to be used in the manufacture of floor paints, etc., and as a finishing varnish. Keystone Varnish Company. 167,338; Apr. 24.
Protective composition in the nature of a paint for roofs. Ernst Zobel Company. 177,513; Dec. 18; Serial No. 163,208; published Oct. 2, 1923.
Putty. Allen Paint & Putty Works. 166,320; Mar. 27.
Putty. Allen Paint & Putty Works. 168,463–4; May 22; Serial Nos. 172,968–9; published Feb. 20, 1923.
Putty. Allen Paint & Putty Works. 172,197; Aug. 21.
Putty. Baker Paint & Varnish Co. 169,032; May 29.
Pyroxylin thinner. Flood & Conklin Company. 171,213; July 31; Serial No. 178,174; published May 15, 1923.
Shellac products, Specially-prepared. L. F. Cassoff. 173,401; Sept. 25; Serial No. 175,343; published June 19, 1923.
Shellac, shellac gums, varnishes, etc. Adolphe Hurst & Company. 169,526; June 19; Serial No. 161,777; published Mar. 20, 1923.
Shellacs, varnishes, etc., Prepared. Shellac Co. of New York. 168,758; May 29; Serial No. 172,690; published Mar. 13, 1923.
Size in dry powder form, Wall. Muralo Company. 169,830; July 3; Serial No. 173,201; published Apr. 3, 1923.
Stain, Furniture. A. Stickley. 163,764; Jan. 23.
Stain, wood finish, and filler. I. L. Van Etten. 165,775; Mar. 20; Serial No. 158,907; published Dec. 26, 1922.
Stains. Creo-Dipt Company. 163,301; Jan. 9.
Stains, Varnish. Gerstendorfer Bros. 164,275; Feb. 13.
Stains, varnishes, and enamels. Chiswick Polish Company. 166,821; Apr. 17; Serial No. 166,524; published Jan. 9, 1923.
Turpentine. Rosin and Turpentine Export Company. 163,161; Jan. 2.
Turpentine. T. Sealy. 164,586; Feb. 20.
Turpentine, Compounded mineral. Marshall Oil Company of Iowa. 163,125; Jan. 2.
Turpentine substitute. J. Mason. 169,544; June 19; Serial No. 170,395; published Mar. 20, 1923.
Turpentine substitute. George Wills and Sons, Ltd. 173,429; Sept. 25; Serial No. 163,160; published June 26, 1923.
Turpentine substitutes. Newport Company. 170,058; July 10; Serial No. 175,940; published Apr. 10, 1923.
Varnish. Atlantic Varnish Works, Inc. 167,776; May 8; Serial No. 172,504; published Feb. 13, 1923.
Varnish. Frank Bownes Company. 174,216; Oct. 9; Serial No. 181,054; published July 10, 1923.
Varnish. M. Gordon. 172,414; Aug. 28; Serial No. 178,721; published May 29, 1923.
Varnish. R. F. Johnston Paint Company. 163,794; Jan. 30.
Varnish. McDougall-Butler Co. 177,269; Dec. 11; Serial No. 156,798; published Apr. 25, 1923.
Varnish. Milwaukee Paint & Varnish Works. 170,944; July 24; Serial No. 168,328; published Apr. 24, 1923.
Varnish. Benjamin Moore & Co. 174,227; Oct. 9; Serial No. 180,769; published July 10, 1923.
Varnish. Paraffine Companies. 166,382; Apr. 2; Serial No. 169,683; published Dec. 5, 1922.
Varnish. Pittsburgh Plate Glass Company. 170,318; July 10; Serial No. 175,517; published Apr. 3, 1923.
Varnish binder and varnish, Rapid-drying. John A. Steen Varnish Company. 167,187; Apr. 24; Serial No. 153,371; published Nov. 29, 1922.
Varnish, brown japan, liquid wax, etc., Medium flat. Sunset Paint Company. 172,053; Aug. 21; Serial No. 127,667; published Nov. 9, 1920.
Varnish, Color. McPhee & McGinnity Company. 167,774; May 8; Serial No. 172,645; published Feb. 13, 1923.
Varnish for floors, doors, woodwork, etc., Spar. Delscamp Paint & Glass Company. 164,691; Feb. 27.
Varnish, General-utility. Stockton Paint Company. 163,699; Jan. 23.
Varnish, Liquid. Glidden Company. 177,546; Dec. 18; Serial No. 183,378; published Oct. 2, 1923.
Varnish, putty, floor oil, and ready-mixed paints. Marshall Oil Company of Iowa. 164,317; Feb. 20.
Varnish restorer. Corlear Products Co. 167,777; May 8; Serial No. 172,466; published Feb. 13, 1923.
Varnish, Rub. Moore & Kellar. 166,349; Apr. 3; Serial No. 152,857; published Jan. 9, 1923.
Varnish stain. Baker Paint & Varnish Co. 169,484; June 19; Serial No. 174,603; published Mar. 20, 1923.
Varnish stain. Stockton Paint Company. 165,786; Mar. 20; Serial No. 164,469; published Dec. 26, 1922.
Varnish stains and paint enamel. Peaslee-Gaulbert Co. 175,588; Nov. 6; Serial No. 179,882; published July 3, 1923.
Varnish, stains, ready-mixed paste, or dry fillers, and paints. L. R. Carley. 177,511; Dec. 18; Serial No. 160,588; published Oct. 2, 1923.
Varnishes. Berry Brothers. 170,770; July 24; Serial No. 177,647; published Apr. 24, 1923.
Varnishes. Martin Varnish Company. 168,473; May 22; Serial No. 167,882; published Feb. 20, 1923.
Varnishes. Remien & Kuhnert Co. 170,055; July 10; Serial No. 175,885; published Apr. 10, 1923.
Varnishes. Edward Smith & Company. 171,219; July 31; Serial No. 177,629; published May 1, 1923.

Varnishes and paint enamels. Toch Brothers. 164,509; Feb. 20.
Varnishes, enamel paint, gilding powders, liquid gold paint, etc. Gerstendorfer Bros. 168,252; May 15; Serial No. 172,938; published Feb. 13, 1923.
Varnishes, lacquers, paints, etc. Tetralin-Gesellschaft mit beschrankter Haftung. 168,795; May 29; Serial No. 142,043; published Sept. 26, 1923.
Varnishes, lacquers, paints, etc. D. H. Vettewinkel. 163,198; Jan. 2.
Varnishes, paint enamels, varnish stains. Murphy Varnish Company. 170,224; July 10; Serial No. 154,986; published Apr. 10, 1923.
Varnishes, paints, japans. N. Z. Graves Incorporated. 166,461; Apr. 3; Serial No. 169,548; published Jan. 9, 1923.
Varnishes, ready-mixed paints. G. A. Butter Co. 164,553; Feb. 20.
Varnishes, stains, and paints. Standard Varnish Works. 166,230; Mar. 27; Serial No. 165,162; published Nov. 14, 1922.
Varnishes, stains, and ready-mixed paints. McGlone Company. 164,547; Feb. 20.
Varnishes, stains, and ready-mixed paints. McGlone Varnish Company. 166,087; Mar. 27; Serial No. 163,938; published Nov. 28, 1922.
Varnishes, stains, driers, japans, and kindred goods. Chicago Varnish Company. 22,394–5; renewed Jan 31, 1923.
Varnishes, stains, paint enamels, lacquers, etc. Martin-Senour Company. 165,284; Mar. 6; Serial No. 153,309; published Dec. 12, 1922.
Varnishes, varnish stain, enamels, etc. Sewall Paint & Glass Company. 174,224; Oct. 9; Serial No. 180,814; published July 10, 1923.
Varnishes, wood finishes, Spar, floor, and finishing. Seidlitz Varnish Company. 166,171; Mar. 20; Serial No. 166,322; published Dec. 5, 1922.
Wall finishes. Hockaday Company, The. 176,041; Nov. 13; Serial No. 179,939; published Sept. 4, 1923.
Wall finishes and reducers. Hockaday Company. 174,689; Oct. 23; Serial No. 179,940; published July 3, 1923.
Wax for finishing and polishing floors, etc., and a paint and varnish remover. S. C. Johnson & Son. 176,405; Nov. 27; Serial No. 182,102; published Sept. 11, 1923.
Wax for polishing. Z. Thompson. 177,525; Dec. 18; Serial No. 182,552; published Oct. 2, 1923.
Waxes and wax stains. Continental Chemical Corporation. 168,771; May 29; Serial No. 173,913; published Feb. 27, 1923.
White, Paris. Taintor Company. 171,158; July 31; Serial No. 176,314; published May 1, 1923.
Whiting. Grangers Manufacturing Co. 175,222; Oct. 30.
Whiting. Taintor Company. 170,626; July 17; Serial No. 175,171; published Apr. 17, 1923.
Wood paste filler, oil colors, enamel, etc. Edward E. Allen Mfg. Co. 174,279; Oct. 9; Serial No. 179,078; published July 10, 1923.
Wood preservatives, Creosote. Western Electric Company. 176,433; Nov. 27; Serial No. 183,240; published Sept. 11, 1923.

CLASS 17.

Cigarettes. Ardath Tobacco Company. 164,832; Feb. 27.
Cigarettes. Ardath Tobacco Company. 168,255–6; May 15; Serial Nos. 171,978–9; published Feb. 27, 1923.
Cigarettes. Ardath Tobacco Company. 168,432; May 22; Serial No. 171,982; published Feb. 20, 1923.
Cigarettes. I. Blum. 173,681; Oct. 2; Serial No. 178,213; published July 3, 1923.
Cigarettes. G. P. Castritsy. 163,294; Jan. 9.
Cigarettes. H. Conover. 165,761; Mar. 20; Serial No. 170,679; published Dec. 12, 1922.
Cigarettes. W. R. Dorsey. 167,984; May 8.
Cigarettes. E. Funke. 170,999–1,000; July 31; Serial Nos. 177,553–4; published May 8, 1923.
Cigarettes. G. A. Georgopulo & Co. 168,315; May 22; Serial No. 168,260; published Feb. 27, 1923.
Cigarettes. M. S. Jordanides. 169,233; June 12; Serial No. 173,328; published Mar. 20, 1923.
Cigarettes. Khedival Company. 168,306; May 15.
Cigarettes. Liggett & Myers Tobacco Company. 164,820; Feb. 27.
Cigarettes. M. Melachrino. 175,494; Nov. 6; Serial No. 177,859; published Aug. 21, 1923.
Cigarettes. D. Der H. Minassian. 164,272; Feb. 13.
Cigarettes. Philip Morris & Co. Ltd. 173,131; Sept. 18; Serial No. 179,416; published June 12, 1923.
Cigarettes. Penn Tobacco Company. 169,959; July 10; Serial No. 174,702; published Apr. 10, 1923.
Cigarettes. L. L. Post. 166,923; Apr. 17; Serial No. 155,446; published July 25, 1922.
Cigarettes. Stephano Brothers. 173,133; Sept. 18; Serial No. 178,636; published June 12, 1923.
Cigarettes. Tobacco Products Corporation. 168,247; May 15; Serial No. 174,371; published Feb. 27, 1923.
Cigarettes. Tobacco Products Corporation. 176,134; Nov. 20; Serial No. 183,459; published Sept. 11, 1923.
Cigarettes. Western Tobacco Company. 171,156; July 31; Serial No. 176,236; published Apr. 24, 1923.
Cigarettes. A. S. Wildes. 173,627; Oct. 2; Serial No. 164,210; published June 27.
Cigarettes, cigars, and smoking tobacco. General Tobacco Company. 177,744; Dec. 25; Serial No. 184,334; published Oct. 16, 1923.
Cigarettes, cigars, smoking and chewing tobacco, etc. V. Jones. 171,062; July 31; Serial No. 167,245; published May 8, 1923.
Cigars. Adams & Clark. 163,853; Jan. 30.
Cigars. All Saints Cigar Co. 174,875; Oct. 23; Serial No. 180,165; published July 31, 1923.
Cigars. Alonso Bros. 167,163; Apr. 24; Serial No. 171,245; published Jan. 9, 1923.
Cigars. Arango y Arango. 167,041; Apr. 24; Serial No. 170,766; published Jan. 16, 1923.
Cigars. Austin, Nichols & Co. 163,271; Jan. 9.
Cigars. Bay State Cigar Co. 171,624; Aug. 7; Serial No. 177,162; published May 22, 1923.
Cigars. H. de Cabanas y Carbajal. 168,631; May 29; Serial No. 168,112; published Feb. 13, 1923.
Cigars. Maria Cabrelli and Baldassare Mirabile. 176,825; Dec. 4; Serial No. 182,293; published Sept. 25, 1923.
Cigars. Callon, Garin & Heveron, Inc. 164,999; Feb. 27.
Cigars. W. F. Clegg. 172,221; Aug. 28; Serial No. 174,195; published May 29, 1923.
Cigars. Consolidated Cigar Corporation. 176,144; Nov. 20; Serial No. 183,734; published Sept. 11, 1923.
Cigars. Davis, Sherk & Mason Cigar Co. 176,242; Nov. 20; Serial No. 182,654; published Sept. 11, 1923.
Cigars. Otto Eisenlohr & Bros. Incorporated. 171,220; July 31; Serial No. 177,477; published Apr. 24, 1923.
Cigars. El Vandoma Cigar Co. 165,692; Mar. 20; Serial No. 170,130; published Dec. 12, 1922.
Cigars. Geo. Fehl Blue Ribbon Cigar Co. 168,086; May 15; Serial No. 114,670; published May 9, 1922.
Cigars. General Cigar Co. 163,073; Jan. 2.
Cigars. General Cigar Co. 165,753; Mar. 20; Serial No. 170,815; published Jan. 2, 1923.
Cigars. T. G. Greanias. 168,076; May 15; Serial No. 158,307; published Feb. 27, 1923.
Cigars. Grimm & Schlegelmilch. 163,331; Jan. 9
Cigars. Hallerczyk Cigar Company. 175,399; Nov. 6; Serial No. 165,626; published Aug. 21, 1923.
Cigars. Havana Cigar and Tobacco Factories, Ltd. 164,369; Feb. 20.
Cigars. Havana Cigar and Tobacco Factories, Ltd. 177,459; Dec. 18; Serial No. 177,970; published Oct. 2, 1923.
Cigars. Havana Cigar and Tobacco Factories, Ltd. 177,461; Dec. 18; Serial No. 177,969; published Oct. 2, 1923.
Cigars. Havana Cigar Co. 168,063; May 15; Serial No. 171,319; published Feb. 20, 1923.
Cigars. W. W. Haynie. 165,682; Mar. 20; Serial No. 170,484; published Dec. 12, 1922.
Cigars. Heineman Bros. 177,271; Dec. 11; Serial No. 156,491; published Feb. 14, 1922.
Cigars. John C. Herman & Company. 174,176; Oct. 9; Serial No. 179,599; published July 17, 1923.
Cigars. Jacobstein Bros. 168,747; May 29; Serial No. 171,323; published Feb. 13, 1923.
Cigars. E. A. Kline. 173,053; Sept. 11; Serial No. 176,632; published June 12, 1923.
Cigars, La Dez Cigar Co. 167,178; Apr. 24; Serial No. 172,023; published Jan. 9, 1923.
Cigars. E. F. Law. 23,874; renewed Nov. 28, 1923.
Cigars. Ruy Lopez Co. 173,388; Sept. 25; Serial No. 172,772; published Mar. 20, 1923.
Cigars. Sig. C. Mayer & Company. 169,707; June 26.
Cigars. Sig. C. Mayer & Co. 176,803; Nov. 27.
Cigars. Mazer Cigar Manufacturing Company. 164,270–1; Feb. 13.
Cigars. Mazer Cigar Manufacturing Company. 164,905–7; Feb. 27.
Cigars. L. L. Morton. 165,592; Mar. 13; Serial No. 147,357; published Dec. 26, 1922.
Cigars. H. Noliboff. 167,170; Apr. 24; Serial No. 171,652; published Feb. 6, 1923.
Cigars. Peoples Drug Stores, Inc. 170,107; July 10; Serial No. 157,690; published Apr. 3, 1923.
Cigars. S. S. Pierce Co. 176,139; Nov. 20; Serial No. 183,043; published Sept. 11, 1923.
Cigars. E. Popper & Co. 163,524; Jan. 16.
Cigars. E. Popper & Co. 164,800; Feb. 27.
Cigars. S. Rodriguez. 170,187; July 10; Serial No. 178,360; published May 8, 1923.
Cigars. S. Rodriguez. 171,759; Aug. 14; Serial No. 178,869; published May 29, 1923.
Cigars. S. Rodriguez. 176,826–7; Dec. 4; Serial Nos. 182,264–5; published Sept. 25, 1923.
Cigars. S. Rodriguez. 176,828; Dec. 4; Serial No. 182,262; published Sept. 25, 1923.
Cigars. E. V. Schnoor Cigar Co. 164,785; Feb. 27.
Cigars. Bernard Schwartz Cigar Corporation. 177,803; Dec. 25.
Cigars. Bernard Schwartz Cigar Corporation. 177,820; Dec. 25.
Cigars. R. Schwartz. 173,254; Sept. 18; Serial No. 179,486; published June 12, 1923.
Cigars. R. J. Seidenberg Co. 173,674; Oct. 2; Serial No. 178,903; published July 3, 1923.
Cigars. J. W. Selker Cigar Co. 172,440; Aug. 28; Serial No. 171,338; published Jan. 16, 1923.

Classified list of trade-marks registered—Continued.

Cigars. M. Stern. 171,079; July 31; Serial No. 169,516; published May 8, 1923.
Cigars. R. G. Sullivan Estate. 171,670; Aug. 7.
Cigars. Swint, Davis & Davis. 170,457; July 17; Serial No. 172,362; published Apr. 10, 1923.
Cigars. Tampa Cigar Company. 177,445; Dec. 18; Serial No. 182,116; published Oct. 2, 1923.
Cigars. Tampa Cigar Company. 177,448; Dec. 18; Serial No. 182,115; published Oct. 2, 1923.
Cigars. United Retailers, Inc. 163,454; Jan. 9.
Cigars. M. Valle y Ca., Inc. 164,835; Feb. 27.
Cigars. M. Valle y Ca., Inc. 167,096; Apr. 24; Serial No. 167,032; published Jan. 9, 1923.
Cigars. Wagemans & Son. 164,266; Feb. 13.
Cigars. I. Yereshefsky. 172,307; Aug. 28; Serial No. 175,494; published May 29, 1923.
Cigars and cigarettes. Havana Cigar & Tobacco Factories, Ltd. 163,335; Jan. 9.
Cigars and cigarettes. Rex Cigar Co. 165,750; Mar. 20; Serial No. 171,037; published Dec. 12, 1922.
Cigars and smoking tobacco. Joseph Farfaglia & Co. 173,954; Oct. 2; Serial No. 176,611; published July 10, 1923.
Cigars and tobaccos. Wm. Roucher & Sons. 176,125; Nov. 20; Serial No. 174,816; published Sept. 11, 1923.
Cigars, cheroots, and cigarettes. C. Fernandez. 170,240; July 10; Serial No. 174,432; published Apr. 3, 1923.
Cigars, cheroots, and little cigars. Park & Tilford. 163,445; Jan. 9.
Cigars, cheroots, and little cigars. Leopold Powell & Co. 171,038; July 31; Serial No. 149,480; published May 15, 1923.
Cigars, cheroots, cigarettes, smoking and chewing tobacco. Moss & Lowenhaupt Cigar Co. 168,755; May 29; Serial No. 171,649; published Feb. 13, 1923.
Cigars, cigarettes, and smoking tobacco. R. C. Importation Corporation. 170,231; July 10; Serial No. 173,857; published Apr. 3, 1923.
Cigars, cigarettes, smoking and chewing tobacco. L. R. Carley. 163,034; Jan. 2.
Cigars, cigarettes, smoking and chewing tobacco. Mint Products Co. 165,969; Mar. 27; Serial No. 159,520; published June 6, 1922.
Cigars, cigarettes, smoking tobacco. Lilly, Dungan & Company. 170,693; July 17.
Cigars, smoking and leaf tobacco. General Tobacco Company. 177,743; Dec. 25; Serial No. 184,336; published Oct. 16, 1923.
Tobacco. Roth Tobacco Company. 177,451; Dec. 18; Serial No. 182,007; published Oct. 2, 1923.
Tobacco. Roth Tobacco Company. 177,453; Dec. 18; Serial No. 182,006; published Oct. 2, 1923.
Tobacco and cigarettes. American Tobacco Company. 165,231; Mar. 6.
Tobacco and cigarettes. Liggett & Myers Tobacco Company. 164,301; Feb. 20.
Tobacco and cigarettes. Liggett & Myers Tobacco Company. 168,082; May 15; Serial No. 138,771; published Feb. 27, 1923.
Tobacco and the products for smoking and chewing, Leaf. J. H. Cooper. 168,928; May 29; Serial No. 173,914; published Mar. 13, 1923.
Tobacco, cigarettes, cigars, and snuff, Smoking. Gallaher, Ltd. 164,811; Feb. 27.
Tobacco, cigars, cigarettes, and cheroots. D. Ritchie & Co. 23,348; renewed July 11, 1923.
Tobacco, cigars, cigarettes, and cheroots. D. Ritchie & Co. 23,349; renewed July 11, 1923.
Tobacco, cigars, cigarettes, and snuff, Smoking and chewing. "Turmac" Turkish-Macedonian Tobacco Co. 167,856; May 8; Serial No. 159,226; published June 27, 1922.
Tobacco, cigars, cigarettes, clippings, and snuff, Leaf. Cosmocrat Advertising Company. 163,299; Jan. 9.
Tobacco, Leaf. Suhling & Co. 167,176–7; Apr. 24. Serial Nos. 172,019–20; published Jan. 9, 1923.
Tobacco products. Zorro Tobacco Co. 173,147; Sept. 18; Serial No. 177,887; published June 12, 1923.
Tobacco, Smoking. Ardath Tobacco Company. 167,174; Apr. 24; Serial No. 171,981; published Jan. 9, 1923.
Tobacco, Smoking. Cumberland Tobacco Works, Inc. 163,303; Jan. 9.
Tobacco, Smoking. J. G. Flynt Tobacco Company. 165,752; Mar. 20; Serial No. 170,761; published Dec. 12, 1922.
Tobacco, Smoking. Charles B. Perkins Co. 170,367; July 17; Serial No. 173,980; published Apr. 10, 1923.
Tobacco, Smoking and chewing. Quality Tobacco Co 164,138; Feb. 13.
Tobacco, smoking and chewing tobaccos, cigars, cigarettes, Leaf. "Turmac" Turkish-Macedonian Tobacco Company. 164,154; Feb. 13.
Tobacco, Twist. J. D. Walker. 22,425; renewed Feb. 7, 1923.
Tobacco, Twist, plug, and smoking. Barlow-Moore Tobacco Company. 164,908; Feb. 27.

CLASS 19.

Aircraft. International All-Steel Aircraft Syndicate, Ltd. 163,345; Jan. 9.
Airplanes. Longren Aircraft Corporation. 167,369; May 1; Serial No. 168,976; published Jan. 23, 1923.
Airships, balloons, kites, aviation and aeronautical accessories. Goodyear Tire & Rubber Company. 174,449; Oct. 16; Serial No. 164,498; published July 3, 1923.
Antirattlers, brake-rod supports, axle braces, license brackets, etc. Apco Manufacturing Company. 163,011; Jan. 2.
Auto spring protectors. A. Papp. 165,134; Mar. 6; Serial No. 151,958; published Dec. 5, 1922.
Automobile accessories. Essandee Corporation. 168,665; May 29; Serial No. 154,586; published Feb. 20, 1923.
Automobile accessories. Haines Manufacturing Corporation. 169,203; June 12; Serial No. 168,888; published Mar. 13, 1923.
Automobile accessories. Haines Manufacturing Corporation. 169,310; June 12; Serial No. 168,889; published Mar. 13, 1923.
Automobile accessories. Haines Manufacturing Corporation. 174,595; Oct. 23; Serial No. 178,841; published July 17, 1923.
Automobile accessories, Fabric covers for. Atlas Specialty Manufacturing Company. 174,463; Oct. 16; Serial No. 174,057; published July 17, 1923.
Automobile and refrigeration trucks and refrigeration railroad cars. I. C. Refrigeration Co. 175,136; Oct. 30; Serial No. 180,476; published Aug. 14, 1923.
Automobile and truck bodies, cabs, motor busses, etc. Continental Car Company of America. 171,353; Aug. 7; Serial No. 171,203; published May 1, 1923.
Automobile and vehicle coverings. Perkins-Campbell Company. 176,813; Nov. 27.
Automobile bodies. Diamond Cab Sales Corporation. 175,092; Oct. 30; Serial No. 179,993; published Aug. 14, 1923.
Automobile bodies. Fisher Body Corporation. 170,152; July 10; Serial No. 168,464; published Apr. 3, 1923.
Automobile bodies, Lever casings for bottoms of. Pettitt & Bickford Company. 172,987; Sept. 11; Serial No. 173,981; published June 12, 1923.
Automobile bodies, motor-truck bodies, truck tops, etc. X-Ray Incubator Company. 167,575; May 1; Serial No. 166,616; published Jan. 2, 1923.
Automobile body hardware. Ternstedt Manufacturing Company. 166,436; Apr. 3; Serial No. 163,899; published Oct. 3, 1923.
Automobile bumpers. A. P. Crell. 167,497; May 1; Serial No. 166,434; published Jan. 9, 1923.
Automobile bumpers. J. M. Hays Wood Products Company, Division of Standard Crate & Filler Company. 172,007; Aug. 21; Serial No. 172,629; published May 29, 1923.
Automobile bumpers. New York Wire & Spring Company. 171,607; Aug. 7; Serial No. 173,717; published May 1, 1923.
Automobile bumpers. New York Wire & Spring Company. 175,605; Nov. 6; Serial No. 173,716; published Aug. 28, 1923.
Automobile bumpers and bumper fittings. Eaton Axle & Spring Company. 176,775; Nov. 27.
Automobile bumpers and parts therefor. Quinn Reade Motor Vehicle Fender Co. 172,829; Sept. 11; Serial No. 165,821; published June 5, 1923.
Automobile cabs and trucks. Checker Cab Manufacturing Corporation. 165,915; Mar. 20.
Automobile dog carrier. H. J. George. 175,058; Oct. 30; Serial No. 179,195; published Aug. 7, 1923.
Automobile protectors. Metal Specialties Manufacturing Company. 175,703; Nov. 6.
Automobile radiator shutter. Allen Auto Specialty Co. 167,986; May 8.
Automobile robe container. Rolzup Auto-Robe Corporation. 167,763; May 8; Serial No. 170,157; published Feb. 6, 1923.
Automobile springs, Covers for. Dasco Spring Cover Co. 169,147; June 12; 159,854; Mar. 13, 1923.
Automobile steering controllers. J. Hoffman. 167,607; May 1; Serial No. 157,995; published Dec. 26, 1922.
Automobile steering-gear-control wheels. Rollaway Motor Company. 170,140; July 10; Serial No. 162,853; published Apr. 10, 1923.
Automobile sunbeam visor. Thoma & Son, Inc. 169,282; June 12; Serial No. 158,460; published Mar. 13, 1923.
Automobile taxicabs. Yellow Cab Manufacturing Co. 171,494; Aug. 7; Serial No. 171,976; published May 22, 1923.
Automobile taxicabs. Yellow Cab Manufacturing Co. 175,505; Nov. 6; Serial No. 178,488; published Aug. 23, 1923.
Automobile taxicabs. Yellow Cab Manufacturing Co. 175,514; Nov. 14; Serial No. 178,487; published Aug. 28, 1923.
Automobile tops. Sterling Top & Equipment Company. 171,587; Aug. 7; Serial No. 175,573; published May 22, 1923.
Automobile tops, windshields, fenders, etc. Miller Auto Accessories Co. 167,958; May 8.
Automobile wheels, rims, and clamps. Hydraulic Steel Company. 165,116; Mar. 6; Serial No. 133,148; published Oct. 10, 1922.
Automobiles. Societa Anonima Edoardo Bianchi. 168,611; May 29; Serial No. 168,907; published Jan. 30, 1923.
Automobiles. Stephens Motor Car Company. 171,530; Aug. 7; Serial No. 175,572; published May 1, 1923

Classified list of trade-marks registered—Continued.

Automobiles. Stephens Motor Car Company. 171,531; Aug. 7; Serial No. 175,571; published May 8, 1923.
Automobiles. Wizard Automobile Company. 163,906; Feb. 6.
Automobiles, All fabric accessories made for. Hodes-Zink Mfg. Co. 167,609; May 1; Serial No. 157,221; Dec. 19, 1922.
Automobiles and automobile chassis. A. Faure. 175,006; Oct. 30; Serial No. 178,170; published Aug. 7, 1923.
Automobiles and constructive parts thereof. Locomobile Company of America, Incorporated. 171,425; Aug. 7; Serial No. 172,002; published May 8, 1923.
Automobiles and constructive parts thereof. Star Motors Incorporated. 171,352; Aug. 7; Serial No. 171,340; published May 8, 1923.
Automobiles and other vehicles, Grips for steering wheels of. W. F. Ridge. 174,462; Oct. 16; Serial No. 174,261; published July 17, 1923.
Automobiles, Body brace and running-board support and visors for. Metal Specialties Manufacturing Company. 165,158; Mar. 6; Serial No. 150,917; published Oct. 17, 1922.
Automobiles, Glass curtain lights and frames for. E. W. Hornung. 174,445; Oct. 16; Serial No. 169,904; published July 17, 1923.
Automobiles, motor trucks, and motor cycles. Lanchester Motor Co. 163,360; Jan. 9.
Automobiles, motor trucks, motor boats, and aeroplanes. Maybach Motorenbau G. m. b. H. 165,111; Mar. 6; Serial No. 134,519; published Nov. 14, 1922.
Automobiles, Sun shields for. H. J. Doyle. 167,608; May 1; Serial No. 157,557; published Oct. 24, 1922.
Automobiles, Windshield visors for. Grigsby-Grunow-Hinds Co. 174,947–8; Oct. 30; Serial Nos. 167,390–1; published Aug. 14, 1923.
Axles and parts thereof. Chadick, De Lamater Corporation. 165,358; Mar. 6; Serial No. 167,800; published Dec. 5, 1922.
Axles for motor-driven vehicles and parts of such axles, Variable-speed. Perfecto Gear Differential Co. 169,273; June 12; Serial No. 148,296; published Mar. 27, 1923.
Bicycles. Bacharach-Rasin Co. 171,491; Aug. 7; Serial No. 115,398; published May 22, 1923.
Bicycles. Emblem Manufacturing Company. 175,376; Nov. 6; Serial No. 169,160; published Aug. 28, 1923.
Bicycles. L. A. Olmsted. 167,361; May 1; Serial No. 170,664; published Jan. 23, 1923.
Bicycles. Westfield Manufacturing Company. 169,254; June 12; Serial No. 171,050; published Feb. 27, 1923.
Bicycles and motor cycles. Emblem Manufacturing Company. 175,082; Oct. 30; Serial No. 169,161; published Aug. 7, 1923.
Bicycles and motor cycles. Fabbrica Automobilé e Velocipedi Edoardo Bianchi. 168,610; May 29; Serial No. 168,877; published Jan. 30, 1923.
Bicycles and motor cycles and parts therefor, etc. Mannesmannröhren-Werke. 174,954; Oct. 30; Serial No. 163,691; published Aug. 14, 1923.
Bicycles, automobiles, motor cycles, tricycles, and bicyclettes. La Societe Anonyme des Automobiles Unic. 169,166; June 12; Serial No. 167,249; published Mar. 13, 1923.
Bicycles, tricycles, and parts thereof. Westfield Manufacturing Company. 175,950; Nov. 13; Serial No. 172,456; published Sept. 4, 1923.
Bicycles, tricycles, motor trucks, etc. Humber Limited. 170,590; July 17; Serial No. 154,513; published Apr. 24, 1923.
Boats. O. W. Watson. 169,113; June 5.
Boats, Power-propelled. S. C. McLouth. 165,144; Mar. 6; Serial No. 149,092; published Nov. 14, 1922.
Buggies and carriages, bodies and tops of the same, automobile bodies and tops, etc. F. A. Ames Company. 167,488; May 1; Serial No. 153,426; published Jan. 23, 1923.
Bumpers. C. G. Spring Company. 173,103; Sept. 18; Serial No. 177,072; published June 12, 1923.
Bumpers. C. G. Spring Company. 174,590–2; Oct. 23; Serial Nos. 179,705–7; published July 17, 1923.
Busses, Motor. International Motor Company. 171,484; Aug. 7; Serial No. 152,425; published May 22, 1923.
Car couplers. National Malleable Castings Company. 165,196; Mar. 6; Serial No. 167,733; published Dec. 5, 1922.
Car couplers, and parts thereof, Automatic. McConway & Torley Company. 166,734; Apr. 10.
Car roof, Railway-. Hutchins Car Roofing Company. 173,092; Sept. 18; Serial No. 177,669; published June 12, 1923.
Carriages and gocarts, Baby. Heywood-Wakefield Company. 170,397; July 17; Serial No. 171,458; published Apr. 10, 1923.
Carriages and go-carts, Baby. Westfield Manufacturing Company. 167,366; May 1; Serial No. 169,942; published Jan. 23, 1923.
Carriages, Baby. Westfield Manufacturing Company. 170,501; July 17; Serial No. 171,051; published Apr. 17, 1923.
Cars. Koppel Industrial Car & Equipment Company. 169,155–8; June 12; Serial Nos. 165,447–50; published Mar. 13, 1923.
Cars, bicycles, etc., Motor. Rover Company. 172,992; Sept. 11; Serial No. 173,009; published June 12, 1923.
Cars, Motor. Ford Motor Company. 174,471; Oct. 16; Serial No. 170,014; published July 17, 1923.
Cars, Motor. Grant Motor Car Corporation. 169,133; June 12; Serial No. 132,337; published Feb. 27, 1923.
Cars, Motor. Lincoln Motor Company. 170,692; July 17.
Cars, Pleasure motor and racing. Duesenberg Automobile & Motors Co. 174,917; Oct. 23.
Cars, Railway gasoline motor. Mudge & Company. 176,336; Nov. 20.
Cars, wheels, and wheeled loading racks or trucks. United Iron Works, Inc. 165,107; Mar. 6; Serial No. 139,064; published Oct. 17, 1922.
Cast chilled wheels, industrial cars, shop cars, push cars, etc. Ramapo Ajax Corporation. 175,042; Oct. 30; Serial No. 178,358; published Aug. 7, 1923.
Conveyances for children, Hand-propelled. Filbert-Greer Manufacturing Company. 169,241; June 12; Serial No. 165,077; published Mar. 13, 1923.
Cycles. Humber Limited. 167,729; May 8; Serial No. 154,512; published Jan. 30, 1923.
Cycles, motor cycles, automobiles, aeroplanes, carriages. Ariel Works Ltd. 174,982; Oct. 30; Serial No. 137,252; published Aug. 14, 1923.
Curtain-window lights and vehicle top fabrics. H. Scherer & Company. 175,513; Nov. 6; Serial No. 178,065; published Aug. 28, 1923.
Dollies. Sharon Pressed Steel Co. 167,790; May 8; Serial No. 165,765; published Feb. 6, 1923.
Draft arms. American Steel Foundries. 167,430; May 1; Serial No. 164,216; published Jan. 23, 1923.
Engines, Radiator shutters for internal-combustion. Irving Engineering-Sales Co. 174,751; Oct. 23; Serial No. 167,722; published July 17, 1923.
Fender braces. Wichita Fender Brace Company. 170,694; July 17.
Glare and storm shields and windshields and wing-deflecting wings. Dickinson & Co. 163,051; Jan. 2.
Glass curtain lights and windshields for automobiles. E. W. Hornung. 167,974; May 8.
Locomotives and railway and trolley cars, Draft gear for. Standard Coupler Company. 166,959; Apr. 17.
Luggage carriers, shock absorbers, combined fender braces and bumpers. Marquette Manufacturing Company. 174,837; Oct. 23; Serial No. 176,561; published July 24, 1923.
Mirrors for vehicles, windshield wings, shock absorbers, etc. Trico Products Corporation. 170,258; July 10; Serial No. 170,910; published Apr. 3, 1923.
Mirrors, Rear-view. Mid West Glass Company. 164,961; Feb. 27.
Mirrors, Safety. Rees Manufacturing Company. 167,988; May 8.
Motor cycles. Ace Motor Corporation. 169,234; June 12; Serial No. 175,908; published Mar. 13, 1923.
Motor cycles and bicycles. Excelsior Motor Mfg. and Supply Co. 174,752; Oct. 23; Serial No. 167,718; published July 17, 1923.
Motor cycles and perambulators, pillory-seat supports, and saddles for motor cycles. F. H. Headley. 171,388; Aug. 7; Serial No. 129,890; published May 8, 1923.
Pedal covers. Durkee-Atwood Co. 171,601; Aug. 7; Serial No. 174,612; published May 1, 1923.
Plate, Aluminum mat. A. E. Rosenberg. 175,276; Oct. 30.
Poles, Engine push. Mummert Lumber & Tie Co. 175,021; Oct. 30; Serial No. 177,315; published Aug. 14, 1923.
Propellers, Boat. G. W. Morrow. 169,019; May 29.
Radiator caps. Helmet Cap Company. 175,001; Oct. 30; Serial No. 172,532; published Aug. 14, 1923.
Radiators for motor vehicles. C. H. Shapiro. 166,008; Mar. 27; Serial No. 162,463; published July 4, 1922.
Radiators used in connection with internal-combustion motors. Modine Manufacturing Company. 165,113; Mar. 6; Serial No. 126,738; published Dec. 5, 1922.
Rails, switches, metal cars, wheels, and trucks. C. W. Hunt Co. 22,959; renewed May 2, 1923.
Recoil checkers. H. G. Cloyes. 170,106; July 10; Serial No. 168,102; published Apr. 10, 1923.
Rods or tubes, Connecting and cross or tie. Columbus Auto Parts Company. 172,500; Aug. 28.
Rowboats, Sheet-metal sectional. Alfred C. Goethel Co. 174,405; Oct. 16; Serial No. 176,617; published July 17, 1923.
Shock absorber. Crown Shock-Absorber Co. 167,806; May 8; Serial No. 167,224; published Feb. 20, 1923.
Shock absorbers. C. W. Gorton. 172,510; Aug. 28.
Shock absorbers for automobiles, Hydraulic. Lovejoy Manufacturing Company. 174,563; Oct. 23; Serial No. 177,091; published July 17, 1923.
Shock absorbers for automobiles, Hydraulic. Lovejoy Manufacturing Company. 174,708; Oct. 23; Serial No. 177,090; published July 17, 1923.
Shock absorbers for vehicles. Champion Products Mfg. Co. 165,192; Mar. 6; Serial No. 168,253; published Dec. 5, 1922.
Shock absorbers for vehicles. Wellman-Wieber Checkers Company. 167,505; May 1; Serial No. 166,275; published Dec. 19, 1922.

Shock-absorbing mechanism, draft riggings and buffers of railway cars, handbrakes for railway cars, etc. W. H Miner. 166,283; Mar. 27.
Sleds. Safety Sled Company. 171,150; July 31; Serial No. 175,949; published Apr. 24, 1923.
Sleds, Children's. The Fair. 167,545; May 1; Serial No. 170,573; published Jan. 30, 1923.
Sleighs. J. Krysiak. 167,764; May 8; Serial No. 170,142; published Feb. 6, 1923.
Spring covers. Wilcot (Parent) Co. 165,971; Mar. 27; Serial No. 160,375; published Oct. 17, 1922.
Spring covers and grease boots. David Feinburg Company. 173,025; Sept. 11; Serial No. 172,643; published June 5, 1923.
Spring covers and grease boots. David Feinberg Company. 174,604; Oct. 23; Serial No. 177,286; published July 17, 1923.
Springs, Vehicle. Standard Parts Company. 173,122; Sept. 18; Serial No. 161,066; published June 12, 1923.
Taxicabs. Barley Motor Car Company. 175,019; Oct. 30; Serial No. 177,349; published Aug. 14, 1923.
Taxicabs and motor trucks. W. H. Nolan. 165,286; Mar. 6; Serial No. 152,683; published Nov. 7, 1922.
Taxicabs, Automobile. Yellow Cab Manufacturing Co. 176,765; Nov. 27.
Trailers. Sharon Pressed Steel Co. 167,811; May 8; Serial No. 165,766; published Feb. 13, 1923.
Truck and car bodies. Continental Car Company of America. 167,827; May 8; Serial No. 170,008; published Feb. 20, 1923.
Truck bodies. Heil Co. 173,057–62; Sept. 11; Serial Nos. 176,466–71; published June 12, 1923.
Truck bodies. Simplex Manufacturing Company. 166,759; Apr. 10.
Trucks. Chase Foundry and Manufacturing Company. 174,448; Oct. 16; Serial No. 165,668; published July 3, 1923.
Trucks and automobiles, Motor. Graham Brothers. 170,489; July 17; Serial No. 172,272; published May 1, 1923.
Trucks aud motor omnibuses, Motor. Automobilwerke H. Büssing, Aktiengesellschaft. 176,904; Dec. 4.
Trucks and structural parts thereof, Elevating industrial. Baker R & L Company. 169,206; June 12; Serial No. 168,705; published Mar. 13, 1923.
Trucks and trailers, Industrial. Colby Steel and Engineering Co. 169,994; July 10; Serial No. 142,775; published Apr. 3, 1923.
Trucks, Automobile. Federal Motor Truck Company. 168,613; May 29; Serial No. 168,924; published Feb. 20. 1923.
Trucks, automobiles, and stage bus, Motor. Fageol Motors Co. 175,223; Oct. 30.
Trucks, Dump bodies for automobile. Griscom-Russell Company. 165,058; Mar. 6; Serial No. 166,527; published Dec. 5, 1922.
Trucks, Floor. W. M. Nutting. 170,547; July 17; Serial No. 173,240; published Apr. 17, 1923.
Trucks, Hand. Sharon Pressed Steel Co. 167,812; May 8; Serial No. 165,764; published Feb. 13, 1923.
Trucks, Industrial. Eleveyor Electric Industrial Truck Co. 167,828; May 8; Serial No. 170,012; published Feb. 13, 1923.
Trucks, Light motor. Reo Motor Car Company. 163,527; Jan. 16.
Trucks, Motor. Clinton Motors Corporation. 173,056; Sept. 11; Serial No. 176,536; published June 12, 1923.
Trucks, Motor. Indiana Truck Corporation. 163,436; Jan. 9.
Trucks, Motor. Menominee Motor Truck Co. 171,496; Aug. 7; Serial No. 171,647; published May 22, 1923.
Trucks, Motor. J. H. Pierce. 169,134; June 12; Serial No. 138,098; published Mar. 27, 1923.
Trucks, Motor-propelled. Clark Tructractor Company. 165,644–5; Mar. 13,
Trucks, Motor-propelled. Clark Tructractor Company. 169,144; June 12; Serial No. 157,136; published Feb. 27, 1923.
Trucks, Pie, cooky, and bread rack, proof-box, etc. Union Steel Products Company. 174,328; Oct. 16; Serial No. 178,008; published July 17, 1923.
Vans or trucks, Moving. W. B. Hiner. 169,251; June 12. Serial No. 170,920; published Mar. 13, 1923.
Vehicle axles and wheels, mounted wheels, and metal tires. Consolidated Steel Corporation. 169,151; June 12; Serial No. 162,982; published Mar. 13, 1923.
Vehicle bodies and parts. Anthony Company. 169,915; July 3.
Vehicle rear-view mirrors, windshield wings, etc. Kokomo Automotive Mfg. Co. 170,689; July 17.
Vehicle rims, automobiles, motor trucks, etc. Goodyear Tire & Rubber Company. 176,897; Dec. 4.
Vehicle tops and fittings therefor, Bow sockets for. Ashtabula Bow Socket Company. 171,381; Aug. 7; Serial No. 146,286; published July 11, 1922.
Vehicle tops, curtains for vehicles, etc., Re-covers for. Crawford Manufacturing Co. 163,045; Jan. 2.
Vehicle wheels, Spokes and nipples for. Torrington Company. 177,588; Dec. 18.
Vehicles, Air springs for. Pneumatic Cushion Company. 167,954; May 8.
Vehicles and parts thereof, Metal disk for motor. Wire Wheel Corporation of America. 174,434; Oct. 16; Serial No. 178,793; published July 17, 1923.
Vehicles, Automatic brake-actuating equipment for. K. O. Schauman. 165,070; Mar. 6; Serial No. 164,275; published Oct. 31, 1922.
Vehicles, Cushioned connections for use in. International Motor Company. 171,507; Aug. 7; Serial No. 168,416; published May 22, 1923.
Vehicles, Electrically-propelled road. Rauch & Lang, Inc. 171,488; Aug. 7; Serial No. 136,726; published May 22, 1923.
Vehicles, Gasoline. Rubay Company. 171,914; Aug. 14.
Vehicles, Gasoline. Rubay Company. 175,390; Nov. 6; Serial No. 171,658; published Aug. 28, 1923.
Vehicles, Manually-propelled. Rotacar Company. 165,414; Mar. 6; Serial No. 134,218; published Nov. 7, 1922.
Vehicles, Metal parts for cushioned connections in. International Motor Co. 171,504; Aug. 7; Serial No. 169,213; published May 22, 1923.
Vehicles, Mirrors for motor. Kales Stamping Company. 170,013; July 10; Serial No. 172,597; published Apr. 3, 1923.
Vehicles, Motor. Indiana Truck Corporation. 176,784; Nov. 27.
Vehicles, Motor. Standard Motor Company. 167,507; May 1; Serial No. 165,835; published Jan. 2, 1923.
Vehicles, motor coaches, and busses, Self-propelled. Mitten Traylor, Inc. 175,153; Oct. 30; Serial No. 180,818; published Aug. 14, 1923.
Vehicles, particularly automobile bodies. Welbilt Auto-Body Co. 173,693; Oct. 2; Serial No. 177,338; published June 19, 1923.
Vehicles, Spark and throttle control levers for motor. Henry's Handy Handles Co. 169,165; June 12; Serial No. 167,176; published Mar. 13, 1923.
Vehicles, Top recoverings and seat covers for. Straus-Frank Company. 167,983; May 8.
Vehicles, Transmissions and axles for self-propelled. Ruckstell Sales & Manufacturing Company. 172,511; Aug. 28.
Vehicles, Used and secondhand motor. Sterrett & Fleming, Incorporated. 174,608; Oct. 23; Serial No. 176,369; published July 17, 1923.
Visors, Sun. W. Modra. 174,965; Oct. 30; Serial No. 167,645; published Aug. 7, 1923.
Wagon boxes, spring seats, etc. A. B. Clippinger & Sons Manufacturing Co. 165,147; Mar. 6; Serial No. 146,413; published Oct. 17, 1922.
Wheelbarrows. Sterling Wheelbarrow Co. 167,352; May 1; Serial No. 150,489; published Jan. 23, 1923.
Wheelbarrows and concrete carts, Tubular and contractors'. Akron Barrow Company. 169,136; June 12; Serial No. 154,909; published Mar. 13, 1923.
Wheelbarrows and parts thereof. Kilbourne & Jacobs Manufacturing Company. 167,899; May 8; Serial No. 168,845; published Feb. 6, 1923.
Wheel rims, Bicycle. W. B. Olle. 165,916; Mar. 20.
Wheels, Vehicle. Crane & MacMahon, Inc. 165,914; Mar. 20.
Wheels, Vehicle. Hall Wheel Corporation. 167,825; May 8; Serial No. 170,137; published Feb. 13, 1923.
Wheels of automobiles and industrial-cars. Ellis Resilient Wheel Corporation. 174,477; Oct. 16; Serial No. 178,239; published July 17, 1923.
Wind screens for use with vehicles. Easting Windscreens Limited. 170,493; July 17; Serial No. 171,987; published Apr. 24, 1923.
Windshield shade. Wedler Shuford Co. 167,677; May 8; Serial No. 142,367; published Feb. 6, 1923.
Windshield shades, Motor-vehicle. Motovisor Company. 176,649; Nov. 27; Serial No. 149,858; published Sept. 11, 1923.

CLASS 20.

Floor covering. Empire Carpet Co. 173,289; Sept. 18; Serial No. 179,092; published June 19, 1923.
Floor coverings. Salem Manufacturing Company. 169,824; July 3; Serial No. 174,153; published Apr. 3, 1923.
Floor coverings in the nature of linoleums or oiled cloth. Taylor Carpet Co. 164,073; Feb. 13.
Linoleum. O. W. Richardson & Co. 163,924; Feb. 6.
Linoleum. O. W. Richardson & Co. 171,631; Aug. 7; Serial No. 175,945; published May 15, 1923.
Linoleums and window shades. Lyon, Hall & Co. 23,339; renewed July 11, 1923.
Linoleum, felt-base linoleum, and oilcloth. Empire Carpet Co. 163,496; Jan. 16.
Linoleum flooring. David E. Kennedy, Inc. 166,996; Apr. 17.
Oilcloth. T. R. Goodlatte & Sons (Inc.). 171,118; July 31; Serial No. 175,193; published Apr. 24, 1923.
Oilcloth. T. R. Goodlatte & Sons, (Inc.). 177,068; Dec. 11; Serial No. 183,145; published Sept. 18, 1923.
Oil cloth. Julius Wile Sons & Co. 170,054; July 10; Serial No. 175,829; published Apr. 3, 1923.
Oilcloth, Table. Columbus-Union Oil Cloth Co. 177,242; Dec. 11; Serial No. 181,383; published Sept. 11, 1923.
Rubber-composition floor covering. Hupp Products Company, The. 170,046; July 10; Serial No. 175,196; published Apr. 10, 1923.

Classified list of trade-marks registered—Continued.

CLASS 21.

Adhesive tape for electrical purposes. Baker, Hamilton and Pacific Company. 175,762; Nov. 13; Serial No. 170,355; published Aug. 7, 1923.

Aerial insulators and radio panels. American Hard Rubber Company. 172,142; Aug. 21; Serial No. 176,778; published May 8, 1923.

Air circuit breakers, switches, coils, etc. Condit Electrical Manufacturing Company. 170,955; July 24.

Alarm and signal devices, Electric. W. J. Williams. 174,979; Oct. 30; Serial No. 148,469; published Feb. 20, 1923.

Amplifiers, audiofrequency transformers, sockets, etc. General Radio Company. 167,334; Apr. 24.

Automobile spark timers. Recto Manufacturing Co. 172,652; Sept. 11; Serial No. 140,069; published Mar. 14, 1922.

Automobile timers. Rodefeld Mfg. Co. 176,077; Nov. 13; Serial No. 182,184; published Aug. 21, 1923.

Bare and insulated wire, cable, and cordage for electrical purposes. American Copper Products Corporation. 171,030; July 31; Serial No. 160,685; published Apr. 24, 1923.

Batteries. Mogul Electric Company. 174,770; Oct. 23; Serial No. 171,135; published July 31, 1923.

Batteries. Vitalis Products, Incorporated. 170,133; July 10; Serial No. 159,735; published June 13, 1922.

Batteries and battery parts and supplies. Philadelphia Storage Battery Co. 174,566; Oct. 23; Serial No. 177,617; published July 10, 1923.

Batteries and dry cells, Storage. L. R. Bach & Brown. 164,848; Feb. 27.

Batteries and flash-light casings, Electric. Western Dry Battery Co. 164,640–1; Feb. 27.

Batteries and parts, Storage. Mack Battery Company. 172,150; Aug. 21; Serial No. 169,065; published May 22, 1923.

Batteries and parts thereof. Hood Rubber Company. 169,483; June 19; Serial No. 174,577; published Mar. 27, 1923.

Batteries and parts thereof, Storage. C & B Battery Company. 164,707; Feb. 27.

Batteries and parts thereof, Storage. Willard Storage Battery Company. 170,915; July 24; Serial No. 166,757; published Apr. 24, 1923.

Batteries, dry cells, electric sadirons, etc., Storage. Marshall-Wells Company. 165,028; Feb. 27.

Batteries, Electric. Cincinnati Storage Battery Company. 166,356; Apr. 3; Serial No. 148,958½; published Jan. 16, 1923.

Batteries, Electric. Englert Manufacturing Co. 170,218; July 10; Serial No. 152,609; published Apr. 3, 1923.

Batteries, Electric. Neptune Battery Co. 174,582; Oct. 23; Serial No. 163,283; published Sept. 26, 1922.

Batteries, Electric. Shrader Battery Company. 166,310; Mar. 27.

Batteries, Electric. Wood-Craft Company. 176,074; Nov. 13; Serial No. 182,030; published Aug. 21, 1923.

Batteries, mine lamps, charging apparatus for mine lamps, and parts of such articles and apparatus, Storage. Koehler Manufacturing Company. 166,579; Apr. 10; Serial No. 171,643; published Jan. 9, 1923.

Batteries, Secondary electrical. Bartholomew Battery & Supply Co. 174,779; Oct. 23; Serial No. 157,020; published Apr. 3, 1923.

Batteries, Small storage. Grier-Sutherland Co. 169,406; June 12.

Batteries, Storage. Advance Battery Manufacturing Company. 169,405; June 12; Serial No. 154,633; published Mar. 27, 1923.

Batteries, Storage. G. M. Biehl. 170,575; July 17; Serial No. 167,347; published Apr. 3, 1923.

Batteries, Storage. Brown & Sehler Company. 174,433; Oct. 16; Serial No. 178,816; published June 26, 1923.

Batteries, Storage. J-E Battery Co. of Southern California Inc. 171,957; Aug. 14.

Batteries, Storage. L. Heiman. 166,307; Mar. 27.

Batteries, Storage. Multiple Storage Battery Corporation. 165,126; Mar. 6; Serial No. 160,500; published Nov. 7, 1922.

Batteries, Storage. Philadelphia Storage Battery Co. 165,176; Mar. 6; Serial No. 170,540; published Dec. 19, 1922.

Batteries, Storage. T & T Storage Battery Co. 165,061; Mar. 6; Serial No. 166,272; published Nov. 28, 1922.

Batteries, Storage. Wearite Storage Battery Co. 174,690; Oct. 23; Serial No. 179,976; published July 31, 1923.

Batteries, Storage. White Cap Battery Mfg. Co. 172,330; Aug. 28; Serial No. 177,157; published May 29, 1923.

Batteries, Storage. Wright Battery Company. 169,004; May 29.

Battery chargers. Fansteel Products Company. 177,718; Dec. 25; Serial No. 182,966; published Oct. 9, 1923.

Battery clips, Storage. Reliable Manufacturing Co. 165,121; Mar. 6; Serial No. 123,498; published Oct. 11, 1921.

Battery jars, panels, covers, and vents, plate separators, etc. American Hard Rubber Company. 166,855; Apr. 17; Serial No. 164,214; published Aug. 29, 1922.

Battery panels. Cooper Corp. 164,701; Feb. 27.

Battery separators, Electric. Indianapolis Manufacturing Company. 175,893; Nov. 13; Serial No. 151,581; published Sept. 4, 1923.

Battery switches, vacuum-tube sockets, lighting switches, etc. Heinemann Electric Company. 167,865; May 8; Serial No. 169,208; published Feb. 6, 1923.

Binding posts, telephone test connectors, etc., Spring. Fahnestock Electric Co. 170,345; July 10.

Brooders, Electrically-heated. H. H. Hall. 169,400; June 12; Serial No. 161,925; published Mar. 27, 1923.

Brushes, Electrically-operated vacuum. F. W. Finkhousen. 174,539; Oct. 16.

Cable compound, Electrically-insulating. National Cable Compound Company. 164,847; Feb. 27.

Cables, Insulated electric. Rome Wire Company. 174,302; Oct. 9.

Canopies, Metal-fixture. G. W. Conner. 172,222; Aug. 28; Serial No. 174,234; published May 29, 1923.

Cars and tractors, Timers for Ford. E. D. Hodge Tool and Manufacturing Company. 170,962; July 24.

Chandeliers and electric heaters and curlers, Electrically-equipped. Lantieri Brothers. 166,130; Mar. 27; Serial No. 140,601; published Oct. 31, 1922.

Circuit breakers. Horne Manufacturing Company. 164,667; Feb. 27.

Cleaners, Electric suction. Wise-McClung Manufacturing Company. 174,299; Oct. 9.

Cleaners, Electric vacuum. Air Way Company. 169,281; June 12; Serial No. 126,441; published May 11, 1920.

Condensers, Electrical. L. A. Hazeltine. 172,139; Aug. 21; Serial No. 176,678; published May 8, 1923.

Conduits for electrical purposes, Fiber. Brown Company. 171,053; July 31; Serial No. 175,709; published Apr. 24, 1923.

Contact points. Fansteel Products Company. 176,071; Nov. 13; Serial No. 181,520; published Aug. 21, 1923.

Cooking apparatus, Electrical. Apex Electrical Manufacturing Company. 177,612–14; Dec. 25; Serial Nos. 182,639–41; published Sept. 18, 1923.

Copper bars and strips, Finished commutator. Anaconda Copper Mining Company. 175,025; Oct. 30; Serial No. 177,209; published June 5, 1923.

Copper bars and strips, Finished commutator. Anaconda Copper Mining Company. 175,109; Oct. 30; Serial No. 177,063; published June 5, 1923.

Cords and plugs used to connect translating devices with lamp sockets, Combined. A. E. Berdon. 166,417; Apr. 3; Serial No. 165,658; published Jan. 9, 1923.

Cranes, hoists, trolleys, Electric traveling. Euclid Crane and Hoist Company. 174,530; Oct. 16.

Crystal detectors and rectifiers. Dubilier Condenser and Radio Corporation. 173,009; Sept. 11; Serial No. 178,333; published June 5, 1923.

Curling irons, Electrical. Rogers Electric Company. 177,655; Dec. 25; Serial No. 167,830; published Oct. 9, 1923.

Current rectifiers and transformers and electric batteries and parts thereof. Beacon Rectifier Company. 165,137; Mar. 6; Serial No. 151,143; published Nov. 7, 1922.

Detector and single-stage audiofrequency amplifiers, amplifying transformers, etc. Telephone Maintenance Company. 166,184; Mar. 27; Serial No. 166,612; published Oct. 31, 1922.

Detectors. Hutchison Radio Company. 165,210; Mar. 6; Serial No. 167,130; published Dec. 5, 1922.

Dials for use with radio apparatus, Control. Pacent Electric Company. 172,999; Sept. 11; Serial No. 177,241; published June 5, 1923.

Drills, hammers, and grinders, Electric. Electro-Magnetic Tool Company. 166,574; Apr. 10; Serial No. 171,068; published Jan. 9, 1923.

Dynamos, electromotors and parts thereof, electrical apparatus. Deutsche Elektrizitäts-Werke zu Aachen-Garbe, Lahmeyer & Co.-Aktiengesellschaft. 170,141; July 10; Serial No. 162,985; published Apr. 3, 1923.

Electric appliances. Branford Electric Company. 175,949; Nov. 13; Serial No. 172,634; published Aug. 21, 1923.

Electric batteries. Burgess Battery Company. 169,089; June 5.

Electric bulbs and lamps. P. Riesman. 172,015; Aug. 21; Serial No. 174,924; published May 8, 1923.

Electric conductors, wires, and cables. Boston Insulated Wire and Cable Co. 169,286; June 12; Serial No. 160,534; published July 18, 1922.

Electric-conduit fittings. L. F. Brunner. 170,128; July 10; Serial No. 156,,344; published Apr. 3, 1923.

Electric conduits, Fittings for. M. W. Johnson. 175,828; Nov. 13; Serial No. 182,152; published Aug. 21, 1923.

Electric conduits, Fittings for. M. W. Johnson. 176,073; Nov. 13; Serial No. 182,054; published Aug. 21, 1923.

Electric conduits, Fittings for. M. W. Johnson. 177,620; Dec. 25; Serial No. 182,542; published Sept. 18, 1923.

Electric conduits, Fittings for. M. W. Johnson. 177,716; Dec. 25; Serial No. 182,823; published Sept. 18, 1923.

Electric connectors, wiring outfits, etc. H. A. Douglas. 174,458; Oct. 16; Serial No. 142,829; published June 26, 1923.

Electric fuses. Chicago Fuse Mfg. Co. 165,275; Mar. 6; Serial No. 156,083; published Nov. 7, 1922.

Electric generating plants. Kohler Company. 167,671; May 8; Serial No. 172,889; published Feb. 20, 1923.

Classified list of trade-marks registered—Continued.

Electric generators, dynamos, motors, electric ignition apparatus, etc. Owen-Dyneto Corporation. 176,069; Nov. 13; Serial No. 181,611; published Sept. 4, 1923.
Electric gluepots, soldering irons, frying pans, etc. Rohne Electric Co. 172,192; Aug. 21.
Electric heating apparatus for heating rivets, slugs, etc. Humil Corporation. 176,067; Nov. 13; Serial No. 181,190; published Aug. 21, 1923.
Electric hot plates. Liberty Gauge & Instrument Co. 164,185; Feb. 13.
Electric insulating compound and insulating parts of electrical apparatus made therefrom. Connecticut Telephone & Electric Company. 165,191; Mar. 6; Serial No. 168,255; published Nov. 14, 1922.
Electric light and power plant units. Universal Engineering Company. 169,448; June 19; Serial No. 172,810; published Mar. 27, 1923.
Electric-light bulbs, Incandescent. Save Electric Corporation. 165,287; Mar. 6; Serial No. 152,594; published Nov. 7, 1922.
Electric-light fixtures. B. F. Klein. 177,659; Dec. 25; Serial No. 181,530; published Oct. 9, 1923.
Electric-light fixtures and parts thereof, canopies. Service Electric Mfg. & Supply Co. 168,994; May 29.
Electric-light fixtures, Metal canopies for. G. W. Conner. 169,698; June 26.
Electric-light traffic signals for use on self-propelled vehicles. E. C. Taylor. 169,055; June 5; Serial No. 169,191; published Feb. 13, 1923.
Electric-lighting brackets and ceiling fixtures. Christie-Williams Co. 177,674; Dec. 25; Serial No. 180,362; published Oct. 9, 1923.
Electric-lighting fixtures. Colonial Lamp & Fixture Works. 169,440–1; June 19; Serial Nos. 173,176–7; published Mar. 27, 1923.
Electric-lighting fixtures. B. F. Klein. 177,660; Dec. 25; Serial No. 181,531; published Oct. 9, 1923.
Electric-lighting fixtures, also complete electric-lighting fixtures, Metal parts and fittings for. B & L Metal Stamping Co. 174,577; Oct. 23; Serial No. 164,489; published July 24, 1923.
Electric-lighting fixtures and parts thereof. Halcolite Company. 166,572; Apr. 10; Serial No. 165,551; published Jan. 9, 1923.
Electric-lighting fixtures for show cases. Siemers-Marshall Electric Co. 165,182; Mar. 6; Serial No. 168,694; published Nov. 7, 1922.
Electric lighting plant, Dynamo-. Chas. T. Stork & Co. 165,117; Mar. 6; Serial No. 120,132; published Dec. 19, 1922.
Electric lighting systems for use on railroad passenger cars, electric fans, water coolers, and storage batteries. Safety Car Heating & Lighting Company. 174,453; Oct. 16; Serial No. 160,978; published June 26, 1923.
Electric lights and lighting fixtures for motor cars. Motor Curve Light Company. 173,006; Sept. 11; Serial No. 177,987; published June 5, 1923.
Electric lights for automobiles, etc., and parts thereof. Radio-Lite, Inc. 171,070; July 31; Serial No. 172,394; published Apr. 24, 1923.
Electric motors, generators, and dynamos. Triumph Electric Co. 164,699; Feb. 27.
Electric motors, Portable. Fitzgerald Manufacturing Company. 166,492; Apr. 3; Serial No. 171,159; published Jan. 9, 1923.
Electric resistance materials. Electrical Alloy Company. 175,997; Nov. 13; Serial No. 165,365; published Sept. 4, 1923.
Electric stoves, heaters, sadirons, etc. A. J. Lindemann & Hoverson Company. 171,019; July 31; Serial No. 167,575; published Apr. 24, 1923.
Electric-switch handles. Bryant Electric Company. 163,221; Jan. 2.
Electric switches. H. D. Thomas. 170,346; July 10.
Electric tail lights, stop lights, backing lights, etc. New England Pressed Steel Company. 167,931; May 8; Serial No. 171,430; published Feb. 20, 1923.
Electric time switches, light flashes, transformers, etc. J. Eckelkamp. 174,567; Oct. 23; Serial No. 177,689; published July 10, 1923.
Electric wiring. Youngstown Sheet and Tube Company. 177,717; Dec. 25; Serial No. 182,845; published Sept. 18, 1923.
Electrical apparatus. Estate of Constant Potential System. 166,537; Apr. 10; Serial No. 160,396; published Jan. 2, 1923.
Electrical apparatus. A. E. Greenslade. 166,236; Mar. 27; Serial No. 165,373; published Nov. 14, 1922.
Electrical apparatus. E. J. G. Pacault. 167,714; May 8; Serial No. 138,019; published Jan. 23, 1923.
Electrical apparatus. Pacent Electric Company. 163,878; Feb. 6.
Electrical apparatus. Pacent Electric Company. 165,181; Mar. 6; Serial No. 169,319; published Dec. 19, 1922.
Electrical apparatus. B. C. Rogers. 169,097; June 5.
Electrical apparatus and supplies. Rico Ignition Company. 165,206; Mar. 6; Serial No. 166,714; published Nov. 14, 1922.
Electrical apparatus for burning incense or disinfecting and air-purifying substances. Aërozon-Fabric G. & B. Sternberg. 164,307; Feb. 20.
Electrical apparatus, machines, and supplies. Johns-Pratt Company. 169,454; June 19; Serial No. 172,680; published Mar. 27, 1923.
Electrical apparatus, machines, and supplies. Manhattan Electrical Supply Co. 167,102; Apr. 24; Serial No. 169,134; published Feb. 13, 1923.
Electrical apparatus, more particularly transformers. Pacent Electric Company. 165,175; Mar. 6; Serial No. 170,670; published Dec. 19, 1922.
Electrical apparatus, radio telephone and telegraph and signaling and power-transmission apparatus. Chicago Radio Laboratory. 164,520; Feb. 20.
Electrical apparatus, radio telephone and telegraph and signaling and transmission-of-power apparatus. Chicago Radio Laboratory. 164,341; Feb. 20.
Electrical apparatus, radio telephone and telegraph and signaling and transmission-of-power apparatus. Chicago Radio Laboratory. 166,554; Apr. 10; Serial No. 170,969; published Jan. 9, 1923.
Electrical appliances. Newmarket Trading Company. 166,567; Apr. 10; Serial No. 167,315; published Dec. 26, 1922.
Electrical condensers. E. R. Knott Manufacturing Company. 166,564; Apr. 10; Serial No. 168,534; published Dec. 26, 1922.
Electrical condensers. Wireless Specialty Apparatus Company. 167,067; Apr. 24; Serial No. 158,693; published May 9, 1922.
Electrical conductors, Insulating separator for. D. J. Hoye. 177,782; Dec. 25; Serial No. 183,653; published Oct. 9, 1923.
Electrical conductors, Woven tubes for. Tubular Woven Fabric Company. 177,608; Dec. 18.
Electrical-conduit couplings. Thomas & Betts Co. 170,342; July 10.
Electrical control apparatus. Dalton, Whittier True Company. 171,084; July 31; Serial No. 174,201; published Apr. 24, 1923.
Electrical controlling devices, etc. Allen-Bradley Company. 172,135; Aug. 21; Serial No. 176,438; published May 8, 1923.
Electrical devices, Household. Allied Factories Corporation. 174,441; Oct. 16; Serial No. 177,118; published June 19, 1923.
Electrical fixtures, lamp sockets, and brackets. Hitchings-Spence. 166,565; Apr. 10; Serial No. 167,615; published Dec. 26, 1922.
Electrical inductances. J. L. Reinartz. 177,585; Dec. 18.
Electrical instruments for central-station uses. Eastern Specialty Company. 177,725; Dec. 25; Serial No. 176,792; published Oct. 9, 1923.
Electrical loud-speaking receivers, horns, etc. Bristol Company. 166,471; Apr. 3; Serial No. 168,098; published Jan. 9, 1923.
Electrical motors, Rebuilt or renewed. Surety Motor Bonding Co. 163,257; Jan. 2.
Electrical outlet fixtures. W. Symmes. 177,697–8; Dec. 25; Serial Nos. 183,349–50; published Oct. 9, 1923.
Electrical products. Racine Universal Motor Company. 164,695; Feb. 27.
Electrical resistances. Post-Glover Electric Company. 168,414; May 22; Serial No. 172,764; published Feb. 20, 1923.
Electrical switches, switchboards, switch boxes, etc. Frank Adam Electric Co. 166,559; Apr. 10; Serial No. 169,269; published Jan. 2, 1923.
Electrical tools. Chicago Pneumatic Tool Company. 164,919; Feb. 27.
Electrical wires, Protective covering for. Tubular Woven Fabric Company. 170,391; July 17; Serial No. 170,913; published Apr. 3, 1923.
Electrically-heated appliances. Electrical Heating Appliance Co. 165,178; Mar. 6; Serial No. 169,894; published Dec. 19, 1922.
Electrically-operated apparatus for heating and blowing air for drying purposes. General Engineering & Construction Company. 167,481; May 1; Serial No. 162,675; published Jan. 9, 1923.
Electrodes, Metal. Seymour Manufacturing Company. 174,408; Oct. 16; Serial No. 175,951; published June 26, 1923.
Electron tubes, sockets for electron tubes, rheostats, etc. Connecticut Telephone & Electric Company. 172,319; Aug. 28; Serial No. 176,400; published May 29, 1923.
Engine, Preheating devices for fuel intake of an internal-combustion. C. O. Erickson. 164,650; Feb. 27.
Engines, Electrical starters for. Liberty Starters Corporation. 165,165; Mar. 6; Serial No. 132,699; published Nov. 28, 1922.
Engines, Ignition-timing devices for internal-combustion. Ecometer Manufacturing Company. 171,037; July 31; Serial No. 151,151; published Apr. 24, 1923.
Engines, Spark timers for internal-combustion. E. W. Turner. 169,236; June 12; Serial No. 173,302; published Mar. 6, 1923.
Engines, Spark timers for internal-combustion. Upco Manufacturing and Sales Company. 174,906; Oct. 23; Serial No. 179,017; published July 31, 1923.
Engines, Timer for combustion. Bigelow Bruno Mfg. Co. 165,179; Mar. 6; Serial No. 169,700; published Dec 19, 1922.

Classified list of trade-marks registered—Continued.

Engines, Timers for internal-combustion. Eclipse Specialty Manufacturing Company. 166,576; Apr. 10; Serial No. 171,266; published Jan. 9, 1923.
Engines, Timing switches for internal-combustion. C. L. Lilleberg. 166,543; Apr. 10; Serial No. 152,511; published Jan. 9, 1923.
Engraving machines, Electric. Engravograph Corporation. 176,065; Nov. 13; Serial No. 181,261; published Sept. 4, 1923.
Fans, Electric. General Electric Company. 164,398; Feb. 20.
Fans, Electric. Russell Electric Company. 164,361; Feb. 20.
Fans, Electric. Singer Manufacturing Company. 164,387; Feb. 20.
Fire-prevention apparatus and systems and parts thereof. Pacific Fire Extinguisher Company. 169,231; June 12; Serial No. 167,414; published Jan. 9, 1923.
Flash lights. Ivar-Lite Corporation. 169,284; June 12; Serial No. 159,704; published Sept. 26, 1922.
Flatirons, Electric. Central Flatiron Mfg. Co. 176,906; Dec. 4.
Furnaces, Electric. Electric Furnace Company. 174,298; Oct. 9.
Fuse plug, Electrical. A. L. Lewis. 173,079; Sept. 11.
Fuse plugs. W. O. Besaw. 169,985; July 10; Serial No. 167,929; published Apr. 3, 1923.
Fuses, Safety device for handling electric. E. V. Gluck. 167,715; May 8; Serial No. 139,206; published Jan. 23, 1923.
Generators, motor-driven electroplating-generator sets, electroplating machines, and electric polishing lathes, Low-voltage electroplating. A. P. Munning & Co. 164,262; Feb. 13.
Grills, Electric toaster. Chicago Flexible Shaft Company. 174,305; Oct. 9.
Hair-curling irons, Electric. W. T. Grant Company. 174,367; Oct. 16; Serial No. 175,656; published June 12, 1923.
Hair driers, toasters, and waffle irons, Electrically-operated. Fitzgerald Manufacturing Company. 168,417; May 22; Serial No. 172,591; published Feb. 20, 1923.
Hammers, Electric. National Electric Manufacturing Company. 171,055; July 31; Serial No. 175,881; published Apr. 24, 1923.
Headlight dimmers, Electrically-operated. Dimit Co. 167,927; May 8; Serial No. 171,121; published Feb. 20, 1923.
Headlights and flood lights, Electric. Berkeley Light Corporation. 171,040; July 31; Serial No. 137,513; published Apr. 24, 1923.
Headlights for automobiles, motor cycles, etc., Electric. R. W. Harris. 168,627; May 29; Serial No. 167,773; published Feb. 13, 1923.
Headlights, spotlights, and electric lamps. Darsie Manufacturing Company. 166,581; Apr. 10; Serial No. 171,907; published Jan. 9, 1923.
Heaters, Electric. London Lightingwares Corporation. 168,019; May 8.
Heaters, radiant floor and wall heaters, etc., Electric water and air. W. W. Hicks. 169,966; July 10; Serial No. 174,962; published Apr. 3, 1923.
Heaters, sadirons, stoves, grills, etc., Electric. Rochester Stamping Company. 164,920; Feb. 27.
Heating elements for electric sad, branding, and soldering irons. Dover Manufacturing Company. 163,429; Jan. 9.
Hoisting machinery, Electrically operated. Shepard Electric Crane & Hoist Company. 177,837; Dec. 25.
Horns, Radio loud-speaking. Sadler Manufacturing Company. 177,606; Dec. 18.
Hot plates and flatirons, Electrically-heated. Central Flatiron Mfg. Co. 169,468; June 19; Serial No. 173,622; published Mar. 27, 1923.
Ignition and starting apparatus for internal-combustion engines and electric-lighting systems for moving vehicles. American Bosch Magneto Corporation. 176,933; Dec. 4.
Incense or disinfecting and air-purifying substances, Electrical apparatus for burning. Aërozon-Fabrik G. & B. Sternberg. 164,308; Feb. 20.
Insulated wire and cables. Kerite Insulated Wire & Cable Company. 174,600; Oct. 23; Serial No. 178,106; puolished July 24, 1923.
Insulated wire and insulated wire cables. Phillips Insulated Wire Company. 23,857; renewed Nov. 21, 1923.
Insulating compounds and electric insulators, Electrical. Siluminite Insulator Company. 164,336; Feb. 20.
Insulating compounds, Electric. Waterbury Button Company. 166,562; Apr. 10; Serial No. 168,740; published Jan. 9, 1923.
Insulating material, Electrical. Respro Inc. 174,452; Oct. 16; Serial No. 162,199; published June 26, 1923.
Insulating tape. Elkhart Rubber Works. 168,996; May 29.
Insulating tape, Adhesive. Canfield Rubber Company. 164,389; Feb. 20.
Insulation, Composition for electrical. Johns-Manville, Incorporated. 171,951; Aug. 14.
Insulation purposes, Treated and untreated tapes for electrical. Mica Insulator Company. 171,086; July 31; Serial No. 173,844; published Apr. 24, 1923.
Insulator and knobs. Illinois Electric Porcelain Company. 172,397; Aug. 28; Serial No. 167,354; published May 29, 1923.
Insulators, Electric. A. & J. M. Anderson. 22,148; renewed Dec. 6, 1922.
Insulators for high-tension insulation. Locke Insulator Corporation. 167,606; May 1; Serial No. 163,526; published Feb. 20, 1923.
Jacks for radio telephone and telegraph and similar purposes. Pacent Electric Company. 171,274; July 31.
Knife switches, panel boards, switchboards, and fuse reducers. Plainville Electrical Products Company. 171,073; July 31; Serial No. 171,432; published Apr. 24, 1923.
Lamp cord. Trebor Manufacturing Co. 168,462; May 22; Serial No. 173,056; published Feb. 20, 1923.
Lamp fixtures, motors, and fans, Electric-. National Screw and Manufacturing Company. 174,593; Oct. 23; Serial No. 179,418; published July 24, 1923.
Lamp sockets, fuse sockets and switches, Incandescent-. R. Eberhardt. 176,063; Nov. 13; Serial No. 180,923; published Sept. 4, 1923.
Lamp spotlights to be mounted in automobile windshields, Electric. Floyd Clymer Manufacturing Company. 170,340; July 10.
Lamp stands and bases, Electric-. French Fibre Co. 168,549; May 29; Serial No. 159,748; published Feb. 20, 1923.
Lamps and parts thereof, etc., Portable electric. American Electric Equipment Co. 174,698; Oct. 23; Serial No. 175,755; published July 10, 1923.
Lamps, Electric. Advance Wood Turning Co. 177,708–9; Dec. 25; Serial Nos. 164,150–1; published Oct. 9, 1923.
Lamps, Electric. Republic Photographic Corporation. 166,557; Apr. 10; Serial No. 170,339; published Jan. 2, 1923.
Lamps, Electric automobile. American Auto Lamp Co. 172,399; Aug. 28; Serial No. 165,600; published May 29, 1923.
Lamps, Electric automobile. U. S. Auto Lamp Mfg. Co. 164,283; Feb. 20.
Lamps, Electric parking. Rae-Lite Mfg. Co. 177,735; Dec. 25; Serial No. 182,769; published Oct. 9, 1923.
Lamps, electric traffic-directing signal systems for vehicles, and parts thereof, Electric signal. Protex Signal Company. 165,417; Mar. 6; Serial No. 152,447; published Nov. 28, 1922.
Lamps, Electrically-operated signal. Beacon Motor Lamp Manufacturing Company. 166,319; Mar. 27.
Lamps, electromotors, dynamos, etc., Electrical. Philipps Aktien-Gesellschaft. 170,217; July 10; Serial No. 150,286; published Apr. 3, 1923.
Lamps for use on vehicles, Combined parking and stop-signal electric. G. S. Clark. 164,636; Feb. 27.
Lamps, Guards for electric. Flexible Steel Lacing Co. 174,428; Oct. 16; Serial No. 179,190; published June 26, 1923.
Lamps, Incandescent. Nitrogen Electric Company. 169,466; June 19; Serial No. 173,577; published Mar. 27, 1923.
Lamps or bulbs, Electric-lighting. Hygrade Engineering Co. 164,953; Feb. 27.
Lamps, parts thereof, etc., Portable electric. American Electric Equipment Co. 174,410; Oct. 16; Serial No. 175,754; published July 10, 1923.
Lamps, parts thereof, etc., Portable electric. American Electric Equipment Co. 174,699; Oct. 23; Serial No. 175,758; published July 10, 1923.
Lamps, parts thereof, etc., Portable electric. Home Lighting Equipment Corporation. 174,409; Oct. 16; Serial No. 175,792; published July 10, 1923.
Lamps, Portable and nonportable electrical. S. Frost. 169,264; June 12; Serial No. 155,999; published Sept. 26, 1922.
Lamps, Portable electric. Bussemann Manufacturing Company. 175,845; Nov. 13; Serial No. 180,746; published Aug. 21, 1923.
Lampstands or bases and fixtures therefor, Electric. Jefferson Company. 169,250; June 12; Serial No. 170,768; published Mar. 6, 1923.
Lanterns, Electric. A. J. Cole. 174,707; Oct. 23; Serial No. 177,036; published July 10, 1923.
Lighting fixture, Electric-. Jaseph E. Frechie & Co. 164,697; Feb. 27.
Lighting fixture, Electrical. St. Louis Brass Manufacturing Company. 172,317; Aug. 28; Serial No. 176,226; published May 29, 1923.
Lighting fixtures, Electric-. Solar Illuminating Co. 164,291; Feb. 20.
Lighting plants, Farm. Universal Motor Company. 164,649; Feb. 27.
Lighting plants, Individual. Farmelectric Utilities Corporation. 177,736; Dec. 25; Serial No. 182,742; published Sept. 18, 1923.
Lightning arresters. T. Patrycki. 172,009; Aug. 21, Serial No. 175,884; published May 8, 1923.
Lightning arresters. Westinghouse Electric & Manufacturing Company. 171,006; July 31; Serial No. 176,864; published Apr. 24, 1923.
Lightning arresters and rods, tips, and connectors therefor for trolley poles, etc. Mannesmannröhren-Werke. 175,747; Nov. 13; Serial No. 163,693; published Aug. 7, 1923.
Lightning rods. Dodd & Struthers. 164,634; Feb. 27.

Classified list of trade-marks registered—Continued.

Lightning rods. George E. Thompson Lightning Rod Co. 169,408; June 12.
Mail hoists and elevators and parts thereof, Electric. D. A. Doran. 164,664; Feb. 27.
Magnets and magnetic separators. Dings Magnetic Separator Co. 177,846; Dec. 25.
Motor, aeroplane, and cycle accessories. S. Smith & Sons (M. A.) Ltd. 166,128; Mar. 27; Serial No. 134,393; published Dec. 19, 1922.
Motor horns, Electrical. United Electrical Manufacturing Co. 169,450; June 19; Serial No. 172,787; published Mar. 27, 1923.
Motors and parts, controllers and parts, electric lamps, etc., Electric. Singer Manufacturing Company. 175,840; Nov. 13; Serial No. 181,703; published Sept. 4, 1923.
Motors and parts thereof, Electric. H. B. Sherman Manufacturing Co. 175,842; Nov. 13; Serial No. 181,223; published Sept. 4, 1923.
Motors, Electric. American Radio and Research Corporation. 166,547; Apr. 10; Serial No. 138,207; published Dec. 26, 1922.
Motors, Electric. Azor Motor Mfg. Co. 169,479; June 19; Serial No. 174,285; published Mar. 27, 1923.
Motors, Electric. General Electric Company. 172,367; Aug. 28; Serial No. 161,182; published May 29, 1923.
Motors, generators, and fans, Electric. Star Electric Motor Co. 174,738–9; Oct. 23; Serial Nos. 152,036–7; published July 24, 1923.
Motors, generators, and transformers, Electric. Charlotte Electric Repair Co. 171,119; July 31; Serial No. 175,300; published Apr. 24, 1923.
Motors, Portable electric. Champion Appliance Manufacturing Company. 172,003; Aug. 21; Serial No. 170,926; published May 8, 1923.
Nuts, bushings, connectors, etc., Lock. Appleton Electric Company. 165,305; Mar. 6; Serial No. 163,129; published Nov. 28, 1922.
Outlet boxes. Electric Outlet Company. 175,943; Nov. 13; Serial No. 173,129; published Aug. 7, 1923.
Phonograph and radio receiving sets, loud speakers, etc., Combination. Walter Lytton, Inc. 175,999; Nov. 13; Serial No. 169,814; published Sept. 4, 1923.
Phonographs, Electrical sound amplifiers for. Magnavox Company. 172,253; Aug. 28; Serial No. 155,823; published May 8, 1923.
Pianos, Motors for player. Motor Player Corporation. 169,501; June 19; Serial No. 158,630; published Mar. 27, 1923.
Posts, Electrical binding. Marshall-Gerken Company. 174,464; Oct. 16; Serial No. 173,775; published June 12, 1923.
Potheads, cable-end bells, etc., Single and multiple conductor and high and low tension. G & W Electric Specialty Co. 166,578; Apr. 10; Serial No. 171,638; published Jan. 9, 1923.
Pumps, Electrically-operated deep-well and turbine. Sterling Iron Works. 177,761; Dec. 25; Serial No. 177,114; published Oct. 9, 1923.
Radioadapters. Beckley-Ralston Co. 177,710; Dec. 25; Serial No. 163,608; published Oct. 9, 1923.
Radio and wireless telephone equipment. Audiola Radio Company. 171,308; Aug. 7; Serial No. 163,304; published Aug. 29, 1922.
Radio apparatus. E. T. Cunningham. 174,343; Oct. 16; Serial No. 153,200; published June 26, 1923.
Radio apparatus. De Forest Radio Telephone and Telegraph Company. 164,973; Feb. 27.
Radio apparatus. De Forest Radio Telephone and Telegraph Company. 166,344; Apr. 3; Serial No. 159,955; published Jan. 9, 1923.
Radio apparatus. Domestic Electric Company. 174,661; Oct. 23; Serial No. 169,626; published July 10, 1923.
Radio apparatus. Dyer Company. 166,556; Apr. 10; Serial No. 170,478; published Jan. 9, 1923.
Radio apparatus. Fairmont Electric and Manufacturing Company. 166,558; Apr. 10; Serial No. 170,131; published Jan. 9, 1923.
Radio apparatus. Radio Specialty Co. 167,829; May 8; Serial No. 169,869; published Feb. 20, 1923.
Radio apparatus. Sayre-Level Radio Company. 172,310; Aug. 28; Serial No. 175,741; published May 29, 1923.
Radio apparatus. C. D. Tuska Company. 167,539; May 1; Serial No. 171,109; published Jan. 23, 1923.
Radio apparatus. Victor Radio Corporation. 168,431; May 22; Serial No. 172,137; published Feb. 20, 1923.
Radio apparatus and parts therefor, Transformers used in. American Transformer Company. 172,013; Aug. 21; Serial No. 175,289; published May 1, 1923.
Radio apparatus and parts thereof. Sayre-Level Radio Company. 172,790; Sept. 11; Serial No. 175,740; published June 5, 1923.
Radio apparatus, Dials made of hard rubber for. American Hard Rubber Company. 172,011; Aug. 21; Serial No. 175,694; published May 8, 1923.
Radio apparatus, parts and supplies. A. J. Meyer Mfg. Co. 169,296; June 12; Serial No. 165,755; published Mar. 6, 1923.
Radio apparatus, Parts for. Alden Manufacturing Company. 175,843; Nov. 13; Serial No. 180,953; published Sept. 4, 1923.
Radio apparatus, Phones for use with. Marinette Electric Corporation. 172,323; Aug. 28; Serial No. 176,635; published May 29, 1923.
Radio apparatus, radio receiving sets, Variometers, variocouplers, and transformers for. General Radio Corporation. 175,919; Nov. 13; Serial No. 180,279; published Aug. 7, 1923.
Radio apparatus, rheostats, potentiometers, etc. C. Hardy. 172,884; Sept. 11; Serial No. 175,865; published May 29, 1923.
Radiocrystals. Foote Mineral Co. 176,912; Dec. 4.
Radio crystals. Radiola Wireless Corporation. 170,107; July 10; Serial No. 168,786; published Apr. 3, 1923.
Radio detector, amplifier and transmission tubes. Radio Stati-Tube Mfg. Co. 164,593; Feb. 20.
Radio detector and amplifier tubes. O. & T. Electric Corporation. 174,587; Oct. 23; Serial No. 180,293; published July 24, 1923.
Radio-detector crystalline compound. J. B. Curry. 176,781; Nov. 27.
Radiodetectors. O. W. Towner. 169,458; June 19; Serial No. 174,947; published Mar. 27, 1923.
Radio electrical appliances. Electrical Research Laboratories. 165,056; Mar. 6; Serial No. 166,593; published Nov. 28, 1922.
Radio equipment. R. E. Goll. 170,380; July 17; Serial No. 174,388; published Apr. 3, 1923.
Radio equipment. New England Radio Manufacturing Company. 165,174; Mar. 6; Serial No. 170,725; published Dec. 19, 1922.
Radio equipment. C. D. Potter Co. 172,304; Aug. 28; Serial No. 175,437; published May 29, 1923.
Radio equipment. Radio Frequency Laboratories, Inc. 169,478; June 19; Serial No. 174,260; published Mar. 27, 1923.
Radio equipment. Stephenson Radio Co. 164,530; Feb. 20.
Radio frequency transformers. Brooklyn Metal Stamping Co. 174,540; Oct. 16.
Radio head sets. Royal Electrical Laboratories. 164,598; Feb. 20.
Radio head sets, radiodetectors, radiocrystals, etc. L. S. Brach Manufacturing Co. 174,594; Oct. 23; Serial No. 178,892; published July 24, 1923.
Radio horns. D. Bensel. 165,202; Mar. 6; Serial No. 167,158; published Nov. 14, 1922.
Radio lightning arresters. High Tension Supplies Co. 175,890; Nov. 13; Serial No. 180,763; published Aug. 21, 1923.
Radio messages, Apparatus for receiving. Jones-McKee, Inc. 165,188–9; Mar. 6; Serial Nos. 168,367–8; published Nov. 7, 1922.
Radio outfit and parts thereof. Air-Way Electric Appliance Corporation. 166,428; Apr. 3; Serial No. 164,483; published Dec. 26, 1922.
Radio parts. Fallkill Radio & Electrical Co. 169,444; June 19; Serial No. 172,983; published Mar. 27, 1923.
Radio parts and appliances. Workrite Manufacturing Co. 168,027; May 8.
Radioreceivers. H. H. Frost. 173,074; Sept. 11.
Radio receivers and concert horns. Winkler-Reichmann Co. 164,645; Feb. 27.
Radio receivers, head sets, loud speakers, etc. G. K. Thompson. 175,797; Nov. 13; Serial No. 179,630; published Aug. 21, 1923.
Radioreceivers, radiodetectors, radioamplifiers, electrical condensers, etc. American Automobile Accessories Company. 167,760; May 8; Serial No. 170,476; published Jan. 30, 1923.
Radio receiving and transmitting sets. R. G. Cuthbert. 174,719; Oct. 23; Serial No. 173,956; published July 10, 1923.
Radio receiving and transmitting sets, various parts thereof, and radio head phones. H. R. Wakem. 175,799; Nov. 13; Serial No. 179,567; published Aug. 21, 1923.
Radio receiving apparatus and parts thereof. C. A. Birchfield. 177,661; Dec. 25; Serial No. 181,009; published Oct. 9, 1923.
Radio receiving apparatus, combined radio receiving and phonograph apparatus. A. H. Grebe & Co. 164,391; Feb. 20.
Radio receiving apparatus or similar lines, Devices for connecting. Harriman Radio Manufacturing Corporation. 164,712; Feb. 27.
Radio receiving apparatus, radio horns, and phonographic tone chambers used as sound amplifiers for. Davistone Company. 166,569; Apr. 10; Serial No. 166,435; published Dec. 26, 1922.
Radio receiving, detecting, amplifying, and transmitting apparatus and parts thereof. Radio Corporation of America. 169,727; June 26.
Radio receiving instruments and parts thereof. Lewis & De Roy Radio Corporation. 164,694; Feb. 27.
Radio receiving outfits. D. Grimes. 171,042; July 31; Serial No. 174,657; published Apr. 24, 1923.
Radio receiving sets. Edwards & Company. 168,643; May 29; Serial No. 165,533; published Feb. 20, 1923.
Radio receiving sets. L. A. Hazeltine. 172,137; Aug. 21; Serial No. 176,676; published May 29, 1923.
Radio receiving sets. Jackson & Finkenaur. 167,252; Apr. 24; Serial No. 170,529; published Jan. 30, 1923.

Classified list of trade-marks registered—Continued.

Radio receiving sets. Jackson & Finkenaur. 175,755; Nov. 13; Serial No. 168,925; published Aug. 21, 1923.
Radio receiving sets. Lincoln Radio Corporation. 171,959; Aug. 14.
Radio receiving sets. Marinette Electric Corporation. 171,008; July 31; Serial No. 176,634; published Apr. 24, 1923.
Radio receiving sets. Oard Radio Laboratories. 167,783; May 8; Serial No. 170,894; published Jan. 30, 1923.
Radio receiving sets. Radio Corporation of America. 171,044; July 31; Serial No. 174,859; published Apr. 24, 1923.
Radio receiving sets and antennæ and parts thereof, head phones, etc. Perry Desjardins & Temple Co. 167,259; Apr. 24; Serial No. 168,000; published Jan. 23, 1923.
Radio receiving sets and parts therefor. Colin B. Kennedy Company. 175,889; Nov. 13; Serial No. 180,706; published Aug. 21, 1923.
Radio receiving sets and parts therefor. Colin B. Kennedy Company. 177,671; Dec. 25; Serial No. 180,705; published Oct. 9, 1923.
Radio receiving sets and parts thereof. Horne Manufacturing Co. 172,403; Aug. 28; Serial No. 164,317; published May 29, 1923.
Radio receiving sets and parts thereof. Pinkerton Electric Equipment Co. 164,646; Feb. 27.
Radio receiving sets and parts thereof. R-W Manufacturing Co. 169,238; June 12; Serial No. 172,357; published Mar. 6, 1923.
Radio receiving sets and parts thereof. Sleeper Radio Corporation. 177,625; Dec. 25; Serial No. 182,271; published Oct. 9, 1923.
Radio receiving sets and parts thereof. Union Construction Company. 168,757; May 29; Serial No. 171,671; published Feb. 20, 1923.
Radio receiving sets and parts thereto. Rajah Radio Guild. 174,876; Oct. 23; Serial No. 180,142; published July 31, 1923.
Radio receiving sets, detectors, and parts thereof. Blakelock & Stanton. 165,198; Mar. 6; Serial No. 167,596; published Nov. 28, 1922.
Radio receiving sets, loud speakers, batteries, amplifying horns, etc. Lyradion Manufacturing Company. 174,370; Oct. 16; Serial No. 175,091; published June 26, 1923.
Radio receiving sets, parts thereof, antennæ and parts thereof, head phones, etc. Perry, Desjardins & Temple Co. 167,260; Apr. 24; Serial No. 167,999; published Feb. 6, 1923.
Radio receiving sets, radio receiving and sending set parts. Radio Engineering & Sales Co. 166,447; Apr. 3; Serial No. 164,405; published Jan. 16, 1923.
Radio rectifiers and cat whiskers. Rusonite Products Corporation. 172,309; Aug. 28; Serial No. 175,739; published May 29, 1923.
Radio sending and receiving sets. Bruno Radio Corporation. 174,773; Oct. 23; Serial No. 171 442; published July 31, 1923.
Radio-set crystals. Harris Laboratory. 164,693; Feb. 27.
Radio sets and coupling coils, condensers, detectors, etc. Cleveland Radio Manufacturing Company. 174,727; Oct. 23; Serial No. 162,667; published July 24, 1923.
Radio sets and parts thereof. American Radio & Electric Co. 167,581; May 1; Serial No. 169,572; published Jan. 23, 1923.
Radio sets and parts thereof. Washington Radio Corp. 172,830; Sept. 11; Serial No. 164,617; published June 5, 1923.
Radio sets and parts thereof, etc. Radio Corporation of America. 167,591; May 1; Serial No. 169,824; published Jan. 30, 1923.
Radio sets, radiofrequency amplifiers, audiofrequency amplifiers, etc., Complete. Eagle Radio Company. 164,115; Feb. 13.
Radio signaling apparatus and parts thereof. Central Radio Laboratories. 174,599; Oct. 23; Serial No. 178,164; published July 24, 1923.
Radiosignaling, Electric apparatus for. Federal Institute of Radio Telegraphy. 169,245; June 12; Serial No. 170,633; published Feb. 27, 1923.
Radio supplies. Pioneer Radio Corporation. 164,860; Feb. 27.
Radio telegraph and telephone apparatus and appliances. C. M. Kemper. 168,806; May 29; Serial No. 169,909; published Feb. 20, 1923.
Radio telegraph and telephone instruments and sets and parts therefor, etc. Atwater Kent Manufacturing Company. 175,913; Nov. 13; Serial No. 180,410; published Aug. 21, 1923.
Radio telephone and telegraph and similar purposes, Connector plugs for. Pacent Electric Company. 171,275; July 31.
Radio telephone and telegraph apparatus. De Forest Radio Telephone and Telegraph Company. 174,446; Oct. 16; Serial No. 167,229; published June 26, 1923.
Radio telephone and telegraph instruments and sets and parts therefor. Atwater Kent Manufacturing Company. 172,189; Aug. 21.
Radio telephone and telegraph receiving sets and transmitting sets and parts. De Forest Radio Telephone & Telegraph Company. 174,411; Oct. 16; Serial No. 175,472; published June 26, 1923.
Radio telephone and telegraphic instruments and parts thereof. Union Radio Corporation. 171,068; July 31; Serial No. 162,091; published Apr. 24, 1923.
Radiotelephone attachments. Master Radio Corporation. 172,444; Aug. 28; Serial No. 171,544; published May 29, 1923.
Radiotelephone horns, variometers, etc. True-Tone Radio Mfg. Co. 175,232; Oct. 30.
Radiotelephone receivers and radio sets and parts of radio sets. Triangle Electric Trading Company. 167,595; May 1; Serial No. 169,732; published Jan. 23, 1923.
Radiotelephone receivers and radio sets and parts of radio sets. Triangle Electro Trading Co. 169,000; May 29.
Radiotelophone receiving sets and parts thereof. V. Himmer. 166,561; Apr. 10; Serial No. 169,058; published Dec. 26, 1922.
Radiotelephone, wireless telegraph and telephone receivers. True Tone Radio Mfg. Co. 169,575; June 19.
Radiotelephony, Apparatus and appurtenances used in. U. S. Tool Company. 174,435; Oct. 16; Serial No. 178,783; published June 26, 1923.
Radio transmitting and receiving devices and parts thereof. Malone-Lemmon Laboratories. 165,183; Mar. 6; Serial No. 168,683; published Nov. 7, 1922.
Radio transmitting and receiving sets and parts thereof, etc. Continental Radio & Electric Corporation. 175,896; Nov. 13; Serial No. 175,712; published Sept. 4, 1923.
Radio transmitting and receiving sets, Assembled. Aeolian Company. 175,751; Nov. 13; Serial No. 166,124; published Aug. 21, 1923.
Radio tuning coil. Radiogen Corporation. 167,256; Apr. 24; Serial No. 169,184; published Jan. 30, 1923.
Radio use, Electrical connector clips and clamps for amateur. H. M. Hill. 175,738; Nov. 13; Serial No. 178,612; published Sept. 4, 1923.
Ranges and stoves, Electric. Tappan Stove Co. 174,675; Oct. 23; Serial No. 172,449; published July 10, 1923.
Ranges, Electric. F. M. Eldredge. 168,721; May 29; Serial No. 171,788; published Feb. 13, 1923.
Reels of electric connecting conductors. Grigsby-Grunow-Hinds Co. 175,993; Nov. 13; Serial No. 162,991; published Sept. 4, 1923.
Resistance units, Variable. Electrad Corporation of America. 177,752; Dec. 25; Serial No. 179,091; published Oct. 9, 1923.
Rheostats. Malone-Lemmon Laboratories. 168,422; May 22; Serial No. 172,424; published Feb. 20, 1923.
Sadirons. B. S. Loeb. 167,325; Apr. 24.
Sadirons, Electric. Dover Manufacturing Company. 173,008; Sept. 11; Serial No. 178,236; published June 5, 1923.
Sadirons, Electric. Jordan Marsh Company. 171,085; July 31; Serial No. 173,890; published Apr. 24, 1923.
Sadirons, Electric. G. Loring. 166,546; Apr. 10; Serial No. 149,856; published Jan. 9, 1923.
Sadirons, electric-appliance plugs, lighting fixtures, etc., Electric. Biglin & Moffatt, Inc. 165,209; Mar. 6; Serial No. 167,116; published Nov. 14, 1922.
Sheet-metal products. Cal-Met Mfg. Co. 177,740; Dec. 25; Serial No. 161,034; published Oct. 9, 1923.
Signals and the like, Electric flashers for intermittent. Bossard Railway Signal Corporation. 166,563; Apr. 10; Serial No. 168,667; published Dec. 26, 1922.
Signs. Flexlume Corporation. 174,765; Oct. 23; Serial No. 169,630; published July 24, 1923.
Signs, Electrically-illuminated. Flexlume Corporation. 165,180; Mar. 6; Serial No. 169,629; published Dec. 19, 1922.
Signs, Electrically-illuminated. Thomas Cusack Company. 177,762; Dec. 25; Serial No. 177,217; published Oct. 9, 1923.
Soldering iron, Electrical. Electric Heat Unit Co. 174,426; Oct. 16; Serial No. 179,402; published June 26, 1923.
Spark plugs. Dowling Bros. 164,605; Feb. 20.
Spark plugs. Kant-Foul Spark Plug Company. 177,593; Dec. 18.
Spark plugs. T. & H. Nichols. 172,329; Aug. 28; Serial No. 177,101; published May 29, 1923.
Spark plugs. Rentz Spark Plug Company. 165,151; Mar. 6; Serial No. 145,415; published May 17, 1921.
Spark plugs. Shaw Mfg. Co. 170,341; July 10.
Spark plugs and wireless apparatus. Precision Equipment Co. 164,626; Feb. 20.
Spark plugs for the prevention of carbon fouling, Attachment for. Motor Master Corporation. 165,197; Mar. 6; Serial No. 167,884; published Nov. 7, 1922.
Spotlights. Cincinnati Lamp & Bracket Company. 177,711; Dec. 25; Serial No. 152,987; published Oct. 9, 1923.
Spotlights and light projectors. R. Golden. 174,430; Oct. 16; Serial No. 179,145; published June 26, 1923.
Spotlights, Electrical. Display Stage Lighting Company. 164,704; Feb. 27.
Spotlights, mountings and parts thereof. Thal & Bitter Machine Co. 169,337; June 12; Serial No. 173,450; published Mar. 6, 1923.
Stoves and ranges, Electric. American Range & Foundry Company. 174,718; Oct. 23; Serial No. 173,551; published July 24, 1923.

Classified list of trade-marks registered—Continued.

Stoves and ranges, Electric. Geo. D. Roper Corporation. 167,938; May 8; Serial No. 171,655; published Feb. 6, 1923.
Stoves, Electric. Coolee Engineers. 164,660; Feb. 27.
Stoves, Electrical cook. W. B. McAllister Company. 169,404; June 12; Serial No. 154,987; published Mar. 27, 1923.
Sweepers, Electric suction. Hoover Company. 172,014; Aug. 21; Serial No. 175,245; published May 8, 1923.
Sweepers, Electric suction. Hoover Company. 175,867; Nov. 13; Serial No. 175,244; published Aug. 7, 1923.
Sweepers, Electric suction. Hoover Suction Sweeper Company. 165,890; Mar. 20.
Sweepers, Electric suction. Hoover Suction Sweeper Company. 166,332; Mar. 27.
Sweepers, Electric suction. Hoover Suction Sweeper Company. 169,520; June 19; Serial No. 172,594; published Mar. 27, 1923.
Switches and resistance control parts, Electric, telephone, and amplifier control, etc. M. Klosner. 174,794; Oct. 23; Serial No. 174,579; published July 24, 1923.
Switches, circuit breakers, Electrical. Cutter Electrical and Manufacturing Company. 174,688; Oct. 23; Serial No. 179,928; published July 31, 1923.
Telegraph apparatus. Kleinschmidt Electric Co. 174,371; Oct. 16; Serial No. 168,894; published June 12, 1923.
Telegraph relays, electric bells, buzzers, etc. Signal Electric Manufacturing Co. 169,020; May 29.
Telegraphic, telephonic, wireless telegraphic and telephonic transmitting and receiving instruments and parts thereof. Electro Mechanical Products Company. 164,696; Feb. 27.
Telephone adapters for coupling telephone receivers to sound amplifiers. Teagle Company. 174,427; Oct. 16; Serial No. 179,337; published June 26, 1923.
Telephone apparatus, Electromagnetic. Monarch Telephone Manufacturing Company. 166,464; Apr. 3; Serial No. 168,933; published Dec. 26, 1922.
Telephone cords, electric-iron cords, etc., Supports for. Snappy Sales Co. 170,022; July 10; Serial No. 173,539; published Apr. 3, 1923.
Telephone extension arms. Kellogg Switchboard and Supply Company. 166,127; Mar. 27; Serial No. 124,409; published Oct. 31, 1922.
Telephone head sets. Radioceive Manufacturing Company. 175,995; Nov. 13; Serial No. 164,075; published Sept. 4, 1923.
Telephone instruments. S. F. Stein. 174,429; Oct. 16; Serial No. 179,971; published June 26, 1923.
Telephone jacks, plugs, and connections. Saturn Mfg. & Sales Co. 174,666; Oct. 23; Serial No. 171,473; published July 10, 1923.
Telephone muffler. Hush-A-Phone Corporation. 165,251; Mar. 6; Serial No. 168,768; published Nov. 7, 1922.
Telephone plugs. L. de F. Munger. 170,024; July 10; Serial No. 173,576; published Apr. 3, 1923.
Telephone receivers. E. A. Graham. 172,993; Sept. 11; Serial No. 176,021; published June 5, 1923.
Telephonic receivers and head sets. Manhattan Electrical Supply Company. 169,088; June 5; Serial No. 174,253; published Mar. 27, 1923.
Telephone receivers, Electrical. Metro Electrical Co. 173,004; Sept. 11; Serial No. 177,795; published June 5, 1923.
Telephone receivers, Electrical. Metropolitan Radio Corporation. 168,647; May 29; Serial No. 165,699; published Feb. 13, 1923.
Telephone systems, Automatic. Automatic Electric Company. 166,292; Mar. 27.
Telephone systems, Automatic. Automatic Electric Company. 166,580; Apr. 10; Serial No. 171,721; published Jan. 9, 1923.
Telephone, telegraph, and radio apparatus. Federal Telephone & Telegraph Co. 166,470; Apr. 3; Serial No. 168,106; published Dec. 2, 1922.
Telephones and telephone systems, Wireless or radio. X-Rad Corporation. 164,708; Feb. 27.
Telephones, telephone receivers, transmitters, plugs, etc., Loud-speaking. Etna Radio Co. 174,440; Oct. 16; Serial No. 177,218; published June 19, 1923.
Thermionic detector, amplifier, and oscillator tubes. E. T. Cunningham. 174,432; Oct. 16; Serial No. 178,957; published June 26, 1923.
Tools and kitchen utensils, Electric-motor-driven. Play-O-Lite Company. 165,285; Mar. 6; Serial No. 152,858; published Nov. 14, 1922.
Toy aeroplanes. A. Despang. 165,958; Mar. 27; Serial No. 151,662; published Dec. 5, 1922.
Toy transformers. Lionel Corporation. 175,891; Nov. 13; Serial No. 129,731; published Sept. 4, 1923.
Tractors and locomotives. Automatic Transportation Co. 177,579; Dec. 18.
Traffic lights. Traffic Control, Incorporated. 172,012; Aug. 21; Serial No. 175,417; published May 8, 1923.
Transformers, Audiofrequency. Premier Electric Company. 177,699; Dec. 25; Serial No. 183,162; published Oct. 9, 1923.
Transformers, Electrical. L. A. Hazeltine. 172,138; Aug. 21; Serial No. 176,677; published May 8, 1923.
Trolley wires, etc., Ears, clamps, and hangers for suspending and supporting. Ohio Brass Company. 177,619; Dec. 25; Serial No. 182,547; published Oct. 9, 1923.
Vacuum cleaner, Electric. Birtman Electric Company. 172,301; Aug. 28; Serial No. 175,380; published May 29, 1923.
Vacuum cleaners, Electrically-driven. Landers, Frary & Clark. 172,010; Aug. 21; Serial No. 175,799; published May 8, 1923.
Vacuum tubes. Electrad Corporation of America. 170,366; July 17; Serial No. 173,960; published Apr. 3, 1923.
Vacuum tubes. Westinghouse Electric & Manufacturing Company. 164,358; Feb. 20.
Valve receiving and transmitting sets, etc. Dale, Forty & Co. 175,866; Nov. 13; Serial No. 175,304; published Aug. 21, 1923.
Variocouplers, variometers, detector and amplifying units, etc. Ra-Do Corporation. 167,810; May 8; Serial No. 165,968; published Feb. 20, 1923.
Variometers and variocouplers. G. H. Fisher & Co. 172,308; Aug. 28; Serial No. 175,549; published May 29, 1923.
Variometers and variocouplers. G. H. Fischer & Co. 175,226; Oct. 30.
Variometers and variocouplers. Pioneer Radio Corporation. 177,616; Dec. 25; Serial No. 182,606; published Oct. 9, 1923.
Variometers, variocouplers, transformers, etc. Radio Winding Corporation. 164,258; Feb. 13.
Variometers, variocouplers, variable condensers, amplifying transformers, etc. Henry Hyman & Co. 165,066; Mar. 6; Serial No. 165,194; published Nov. 7, 1922.
Vehicles, Electrical stop and direction signal light systems for. T. Katagi. 174,785; Oct. 23; Serial No. 145,110; published July 24, 1923.
Warning devices, Electrically-operated. Compagnie Industrielle et Commerciale du Cycle et l'Automobile. 164,732; Feb. 27.
Washing machines, Electric. United Appliance Company. 175,769; Nov. 13; Serial No. 177,253; published Sept. 4, 1923.
Washing machines, Power and hand operated. Poole Engineering and Machine Company. 174,573; Oct. 23; Serial No. 179,428; published June 12, 1923.
Water heaters, Electric. Mechanical & Electrical Mfg. Co. 164,604; Feb. 20.
Welding machines and electric tools for welding purposes and parts thereof, Electric. A-I Manufacturing Co. 172,808; Sept. 11; Serial No. 125,101; published June 5, 1923.
Welding machines, cables, etc., Electric. Wilson Welder & Metals Company. 174,790; Oct. 23; Serial No. 118,198; published July 10, 1923.
Wire and cables, Insulated. Kerite Insulated Wire & Cable Company. 172,336; Aug. 28; Serial No. 178,107; published May 29, 1923.
Wire for electrical purposes, Copper-clad leading-in. Canadian Consolidated Corporation. 177,741; Dec. 25; Serial No. 160,860; published Oct. 9, 1923.
Wire, Insulated. Detroit Insulated Wire Company. 170,969; July 24.
Wire, radio receiving sets, etc., Reels of. I. R. Nelson Co. 175,228; Oct. 30.
Wireless and radio telephone sets and parts thereof. Redifone Corporation of America. 164,360; Feb. 20.
Wireless apparatus. Wm. J. Murdock Co. 172,825; Sept. 11; Serial No. 167,482; published June 5, 1923.
Wireless receiving sets and parts. P. E. Edelman. 164,736; Feb. 27.
Wireless receiving sets, Detector crystals used in. E. Reese. 172,803; Sept. 11; Serial No. 172,494; published June 5, 1923.
Wireless receiving sets, Radio detector crystals used in. E. Reese. 170,958; July 24.
Wireless telegraphy and wireless telephony apparatus, Crystals or minerals for use in. Radio Mineral Company. 172,337; Aug. 28; Serial No. 178,281; published May 29, 1923.
Wireless telephone and telegraph receiving instruments, Sound amplifiers for. M. W. Hirshfield. 169,387; June 12; Serial No. 168,529; published Mar. 27, 1923.
X-ray screens. Patterson Screen Co. 168,997–8; May 29.

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Athletic outfits. Thos. E. Wilson & Co. 167,030; Apr. 24; Serial No. 170,169; published Jan. 30, 1923.
Athletic outfits. Thos. E. Wilson & Co. 167,049; Apr. 24; Serial No. 170,170; published Jan. 30, 1923.
Bait, Salmon eggs for. Mrs. R. Carruthers. 176,135; Nov. 20; Serial No. 183,362; published Sept. 11, 1923.
Baits, bait and tackle boxes, bait and minnow pails, etc., Artificial. Edw. K. Tryon Company. 166,751; Apr. 10.
Baits or lures, Fish. James Heddon's Sons. 168,461; May 22; Serial No. 173,191; published Feb. 20, 1923.
Balls and footballs, Golf. Martins Birmingham Limited. 171,097; July 31; Serial No. 173,972; published May 1, 1923.
Balls, Golf. Crawford, McGregor & Canby Company. 167,168; Apr. 24; Serial No. 171,617; published Jan. 30, 1923.
Balls, Golf. Dunlop Rubber Company. 164,526; Feb. 20.
Balls, Golf. Gimbel Brothers, Inc. 175,599; Nov. 6; Serial No. 178,916; published Aug. 21, 1923.

Classified list of trade-marks registered—Continued.

Balls, Golf. Horton Manufacturing Co. 164,359; Feb. 20.
Balls, Golf. Jordan Marsh Company. 172,339; Aug. 28; Serial No. 178,923; published May 29, 1923.
Balls, Golf. Harry C. Lee & Company. 175,595; Nov. 6; Serial No. 179,278; published Aug. 21, 1923.
Balls, Golf. Manhattan Photo Supply Co. 170,685; July 17.
Balls, Golf. J. A. Mayers. 164,899; Feb. 27.
Balls, Golf. Morris Golf Ball Manufacturing Company. 172,328; Aug. 28; Serial No. 177,098; published May 29, 1923.
Balls, Golf. John Wanamaker, New York. 167,036; Apr. 24; Serial No. 170,915; published Jan. 16, 1923.
Balls, Golf. L. A. Wimpfheimer. 167,171; Apr. 24; Serial No. 171,776; published Jan. 30, 1923.
Balls, Hand. J. Abrahamson. 164,901; Feb. 27.
Balls, Play and beach. Knoxall Novelties, Inc. 167,109; Apr. 24; Serial No. 169,857; published Feb. 6, 1923.
Baseballs and baseball gloves. Bon-Tober Sporting Goods Co. 173,725; Oct. 2; Serial No. 179,394; published July 3, 1923.
Baseballs, ball-players' gloves and mitts. Rawlings Manufacturing Co. 173,740; Oct. 2; Serial No. 178,283; published June 19, 1923.
Baseballs, bats, masks, etc. Alphen, Inc. 172,389; Aug. 28; Serial No. 169,232; published May 29, 1923.
Baseballs, golf, toy, and tennis balls, Luminous. C. E. McClain. 164,912; Feb. 27.
Baseballs, mitts, basket balls, boxing gloves, etc. Draper-Maynard Company. 165,760; Mar. 20; Serial No. 170,631; published Jan. 2, 1923.
Bats, Baseball. Hillerich & Bradsby Co. 173,941; Oct. 2; Serial No. 180,432; published July 10, 1923.
Bats, Baseball. Hillerich & Bradsby Co. 173,943; Oct. 2; Serial No. 180,431; published July 10, 1923.
Bats, Baseball. Hillerich & Bradsby Co. 173,983–4; Oct. 2; Serial Nos. 180,433–4; published July 10, 1923.
Bats, Baseball. Hillerich & Bradsby Co. 174,159; Oct. 9; Serial No. 180,430; published July 17, 1923.
Bats, Baseball. T. M. Shurtz. 173,690; Oct. 2; Serial No. 177,458; published June 19, 1923.
Billiard tables. Brunswick-Balke-Collender Company. 23,238; renewed June 20, 1923.
Bubble-blowing outfit. A. A. Jackson, Inc. 164,900; Feb. 27.
Building blocks, Children's. John Lloyd Wright, Inc. 172,488; Aug. 28.
Building material for mechanical toys, toy building blocks, etc. Gebr. Marklin & Co. 163,499; Jan. 16.
Buoys, Swimming. C. D. Forster. 164,913; Feb. 27.
Card game apparatus, Replay. Duplicate Whist Company. 168,296; May 15.
Cards, Playing. Aiken & Aiken. 170,371; July 17; Serial No. 174,056; published Apr. 10, 1923.
Cards, Playing. New York Consolidated Card Co. 168,260; May 15; Serial No. 171,027; published Feb. 27, 1923.
Cards, Playing. Russell Playing Card Co. 167,072; Apr. 24; Serial No. 172,176; published Jan. 30, 1923.
Cards, Playing. Russell Playing Card Co. 171,225; July 31; Serial No. 177,109; published Apr. 24, 1923.
Cards, Playing. Russell Playing Card Co. 172,312; Aug. 28; Serial No. 175,948; published May 29, 1923.
Cards, Playing. C. C. Smith. 163,450; Jan. 9.
Cards, Playing. United States Playing Card Company. 175,907–9; Nov. 13; Serial Nos. 178,537–9; published Aug. 21, 1923.
Cards, Playing. United States Playing Card Company. 176,213; Nov. 20; Serial No. 178,536; published Aug. 28, 1923.
Cards, Playing. United States Printing Co. 22,580; renewed Mar. 7, 1923.
Cards, Playing. United States Printing Co. 22,582; renewed Mar. 7, 1923.
Cards, Playing. United States Printing Company. 23,782; renewed Nov. 7, 1923.
Carrousels. E. Hoppe. 175,660; Nov. 6; Serial No. 181,945; published Aug. 21, 1923.
Carts, Three-wheeled. Rochester Toy Company. 168,085; May 15; Serial No. 121,785; published Feb. 20, 1923.
Checkerboards. C. Foss. 168,010; May 8.
Cushions, Game-table. Brunswick-Balke-Collender Company. 167,180–1; Apr. 24; Serial Nos. 172,078–9; published Jan. 30, 1923.
Decoys, Duck. Best Duck Decoy Co. 171,931; Aug. 14.
Doll. S. Bouvet. 168,932; May 29; Serial No. 173,319; published Mar. 13, 1923.
Doll houses and furniture. G. A. Stetson. 168,929; May 29; Serial No. 173,791; published Mar. 13, 1923.
Doll swing. Z. T. Cook. 164,536; Feb. 20.
Dolls. American Character Doll Co. 173,314; Sept. 18; Serial No. 179,130; published June 19, 1923.
Dolls. L. Boatright. 172,334; Aug. 28; Serial No. 177,649; published May 29, 1923.
Dolls. George Borgfeldt & Co. 171,046; July 31; Serial No. 175,338; published May 15, 1923.
Dolls. George Borgfeldt & Co. 171,584; Aug. 7; Serial No. 175,339; published May 22, 1923
Dolls. M. Browne. 167,167; Apr. 24; Serial No. 171,610; published Jan. 30, 1923.
Dolls. Fleming Doll Company. 165,733; Mar. 20; Serial No. 169,351; published Dec. 19, 1922.
Dolls. Flexie Toy Company. 163,321; Jan. 9.
Dolls. Madame Georgene, Inc. 174,691; Oct. 23; Serial No. 180,003; published July 31, 1923.
Dolls. P. P. Goerdeler. 177,350; Dec. 18; Serial No. 180,536; published Oct. 2, 1923.
Dolls. Jane Gray Company. 164,540; Feb. 20.
Dolls. Jane Gray Company. 165,451; Mar. 13; Serial No. 171,455; published Jan. 2, 1923.
Dolls. Ideal Novelty & Toy Co. 176,133; Nov. 20; Serial No. 183,524; published Sept. 11, 1923.
Dolls. L. B. Kelley. 171,122; July 31; Serial No. 175,660; published Apr. 24, 1923.
Dolls. F. O. King. 167,153; Apr. 24; Serial No. 172,598; published Jan. 30, 1923.
Dolls. F. O. King. 171,222; July 31; Serial No. 177,228; published Apr. 24, 1923.
Dolls. Mah-Jongg Sales Company of America. 173,304; Sept. 18; Serial No. 179,614; published June 19, 1923.
Dolls. Ontario Textile Company Incorporated. 164,902; Feb. 27.
Dolls. S. Robert. 167,161; Apr. 24; Serial No. 173,244; published Feb. 6, 1923.
Dolls. Seamless Rubber Co. 164,528; Feb. 20.
Dolls. Seigenberg & Sher. 172,341; Aug. 28; Serial No. 179,062; published May 29, 1923.
Dolls. K. F. Sischo. 170,154; July 10; Serial No. 168,651; published Apr. 3, 1923.
Dolls. Misses Tebbets. 167,071; Apr. 24; Serial No. 172,244; published Jan. 30, 1923.
Dolls. Uncle Wiggily Doll Co. 173,301; Sept. 18; Serial No. 179,754; published June 19, 1923.
Dolls. L. C. Worrell. 172,338; Aug. 28; Serial No. 178,652; published May 29, 1923.
Dolls and animals, cut-outs. G. Lund. 174,641; Oct. 23; Serial No. 181,134; published July 31, 1923.
Dolls and contortional figures. I. K. Stubbs. 169,960; July 10; Serial No. 174,707; published Apr. 10, 1923.
Dolls and doll outfits. G. Averill. 169,969; July 10; Serial No. 164,144; published Apr. 10, 1923.
Dolls and puzzle games. Universal Feature & Specialty Company. 173,692; Oct. 2; Serial No. 177,344; published June 19, 1923.
Dolls and stuffed animals. Davis & Voetsch. 175,466; Nov. 6; Serial No. 181,982; published Aug. 28, 1923.
Dolls and toy favors. S. Robert. 171,080; July 31; Serial No. 173,247; published May 15, 1923.
Dolls, Cloth and stockinet. A. P. Hickman. 177,478; Dec. 18; Serial No. 183,382; published Oct. 2, 1923.
Dolls, Combination headdress and waistband for. A. Corenson. 173,279; Sept. 18; Serial No. 179,840; published June 19, 1923.
Dolls, rubber dolls, balloons, and squawkers. W. Caldwell. 175,590; Nov. 6; Serial No. 179,709; published Aug. 21, 1923.
Dolls, toy fish, turtles, and ducks. Justus Brauer & Son Company. 163,287; Jan. 9.
False faces, toy mustaches and beards, toy wigs, etc. Dessart Brothers Inc. 169,185–7; June 12; Serial Nos. 172,979–81; published Mar. 20, 1923.
False faces, toy wigs, etc. Dessart Brothers, Inc. 167,306; Apr. 24.
Fish bait. Joe Kautzky & Sons. 164,825; Feb. 27.
Fish baits and lures, fishing hooks, rods, lines, and reels. James Heddon's Sons. 175,713; Nov. 6.
Fish baits, Artificial. Water-Witch Company. 173,044; Sept. 11; Serial No. 176,929; published June 12, 1923.
Fishhooks. S. Allcock & Co. 166,780; Apr. 10.
Fishhooks. L. J. Eppinger. 164,911; Feb. 27.
Fishlines. Bevin-Wilcox Line Company. 171,121; July 3; Serial No. 175,595; published Apr. 24, 1923.
Fishlines. Os-Jaco Braided Line Co. 177,491; Dec. 18; Serial No. 182,987; published Oct. 2, 1923.
Fishing flies and artificial bait. Horrocks-Ibbotson Co. 171,083; July 31; Serial No. 173,601; published May 15, 1923.
Fishing flies, Artificial. Weber Lifelike Fly Co. 167,304; Apr. 24.
Fishing hooks and leaders. C. Fredricks. 167,165; Apr. 24; Serial No. 171,492; published Jan. 23, 1923.
Fishing line. Ashaway Lime & Twine Manufacturing Company. 169,935; July 3.
Fishing lines. Bosworth Line Co. 174,541; Oct. 16.
Fishing lines. B. F. Gladding & Co. 177,641; Dec. 25; Serial No. 154,689; published Jan. 9, 1923.
Fishing lines. Newton Line Company. 169,434; June 12.
Fishing lines. Newton Line Company. 170,029; July 10; Serial No. 173,665; published Apr. 10, 1923.
Fishing lines. Newton Line Company. 170,030; July 10; Serial No. 173,662; published Apr. 10, 1923.
Fishing lines. Newton Line Company. 171,094; July 31; Serial No. 173,663; published May 1, 1923.
Fishing lines. Newton Line Company. 171,095; July 31; Serial No. 173,668; published May 1, 1923.
Fishing lines. Newton Line Company. 172,484–5; Aug. 28.
Fishing lines. Newton Line Company. 172,486; Aug. 28.
Fishing lines. Newton Line Company. 172,497; Aug. 28.
Fishing lines. Newton Line Company Incorporated. 166,747–9; Apr. 10.
Fishing lines. Newton Line Company Incorporated. 166,761–3; Apr. 10.
Fishing lines. Newton Line Company Incorporated. 168,248; May 15; Serial No. 173,669; published Feb. 27, 1923.

Fishing lines. Newton Line Company Incorporated. 171,112; July 31; Serial No. 174,747; July 31; published May 1, 1923.
Fishing lines, rods, and reels. Shapleigh Hardware Company. 176,820; Nov. 27.
Fishing lines, rods, snelled hooks, and leaders. A. G. Hall. 173,729; Oct. 2; Serial No. 180,065; published July 3, 1923.
Fishing lines, Silk. Cortland Line Co. 175,385; Nov. 6; Serial No. 164,386; published Aug. 21, 1923.
Fishing poles, Bamboo. G. H. Maus. 163,864; Jan. 30.
Fishing reels. A. F. Meisselbach Mfg. Co. 175,606; Nov. 6; Serial No. 173,574; published Aug. 28, 1923.
Fishing rods and reels. H. L. Leonard Rod Co. 167,070; Apr. 24; Serial No. 172,336; published Feb. 6, 1923.
Fishing rods, poles, lines, hooks, etc. Horrocks-Ibbotson Co. 174,991; Oct. 30; Serial No. 173,602; published Aug. 7, 1923.
Flotation devices, tennis balls, toy vehicles, etc. MacLean Drug Company. 175,604; Nov. 6; Serial No. 178,755; published Aug. 21, 1923.
Footballs, basket balls, baseballs, bats, gloves, etc. P. Goldsmith Sons Company. 167,104; Apr. 24; Serial No. 169,478; published Jan. 9, 1923.
Footballs, football bladders, inflators, hip pads, etc. James W. Brine Company. 168,390; May 22; Serial No. 169,886; published Feb. 20, 1923.
Game. Alderman, Fairchild Co. 172,331–2; Aug. 28; Serial No. 177,206–7; published May 29, 1923.
Game. Alderman, Fairchild Company. 174,187; Oct. 9; Serial No. 181,050; published July 17, 1923.
Game. Alderman, Fairchild Co. 174,940; Oct. 30; Serial No. 178,423; published July 17, 1923.
Game. Lubbers and Bell Manufacturing Company. 173,735; Oct. 2; Serial No. 178,753; published June 19, 1923.
Game. M. C. Neuner. 167,089; Apr. 24; Serial No. 142,162; published Jan. 9, 1923.
Game. E. Park. 163,479–80; Jan. 16.
Game apparatus, Ball tossing and receiving. L. G. Baer. 165,735; Mar. 20; Serial No. 169,523; published Dec. 12, 1922.
Game, auto race game, baseball game, and checkerboards, Golf. Alderman, Fairchild Co. 164,819; Feb. 27.
Game, Board. Parker Brothers. 170,419; July 17; Serial No. 172,955; published Apr. 10, 1923.
Game, Boxed set of equipment for a. F. P. Beal. 177,807; Dec. 25.
Game, Card. Cummings & Johnson. 176,257; Nov. 20; Serial No. 180,528; published July 31, 1923.
Game, Card. E. G. Sloman. 173,936; Oct. 2; Serial No. 177,143; published July 17, 1923.
Game, Card. H. Storgaard. 173,714; Oct. 2; Serial No. 178,699; published July 3, 1923.
Game, Educational card. J. C. Shinn. 177,298; Dec. 18; Serial No. 174,217; published Oct. 2, 1923.
Game, Educational puzzle. Alpha Game & Toy Company. 173,219; Sept. 18; Serial No. 174,275; published June 19, 1923.
Game, Indoor table. Parker Brothers. 174,800; Oct. 23; Serial No. 180,721; published July 31, 1923.
Game of chance, Apparatus for playing a. J. Greig. 171,528; Aug. 7; Serial No. 176,022; published May 8, 1923.
Game, Parlor baseball. H. A. Watts. 164,537; Feb. 20.
Game, Parlor board. Disc Alley Manufacturing Company. 170,067; July 10; Serial No. 165,010; published Apr. 3, 1923.
Game, Parlor board. C. S. Muir. 175,584; Nov. 6; Serial No. 181,301; published Aug. 21, 1923.
Game, Parlor board. Rosenwald-Milius Co. 167,035; Apr. 24; Serial No. 170,955; published Jan. 16, 1923.
Game pieces used for playing games, playing and score boards for such games. A. L. Brown. 164,357; Feb. 20.
Game played with cards, game toys, and sporting goods, Table. A. L. R. Johnson. 168,415; May 22; Serial No. 172,746; published Feb. 20, 1923.
Game played with cards, Parlor. Parker Brothers. 170,375; July 17; Serial No. 174,330; published Apr. 10, 1923.
Game, Table. L. La Borie. 175,579; Nov. 6; Serial No. 181,196; published Aug. 21, 1923.
Game, Table board. Block-Walsh Corporation. 174,638; Oct. 23; Serial No. 181,010; published July 31, 1923.
Games and game apparatus. M. L. Brooks. 170,256; July 10; Serial No. 170,967; published Apr. 3, 1923.
Games and parts thereof. Pung-Chow Company. 174,168–9; Oct. 9; Serial Nos. 179,955–6; published July 17, 1923.
Games and toys. American Soldier Co. 175,649; Nov. 6; Serial No. 180,648; published Aug. 21, 1923.
Games, Card. Cincinnati Game Company. 167,308; Apr. 24.
Games, Card. Fireside Game Company. 168,297; May 15, 1923.
Games, Card. Parker Brothers. 171,534; Aug. 7; Serial No. 175,210; published May 8, 1923.
Games, Indoor golf. Modern Devices, Inc. 169,191; June 12; Serial No. 175,097; published Mar. 27, 1923.
Games, Parlor. G. W. Sheppard. 173,307; Sept. 18; Serial No. 179,383; published June 19, 1923.
Games, Parlor. G. W. Sheppard. 175,370; Nov. 6; Serial No. 175,217; published Aug. 21, 1923.
Gaming devices. J. H. Ewing. 171,103; July 31; Serial No. 174,360; published May 1, 1923.
Gloves, Baseball. A. J. Reach Company. 165,724; Mar. 20; Serial No. 168,856; published Dec. 19, 1922.
Gloves, punching-bag mitts, basket balls, etc., Baseball, boxing, and handball. J. A. Dubow Glove Co. 163,563; Jan. 23.
Golf bags. Winchester Company. 171,152; July 31; Serial No. 176,055; published Apr. 24, 1923.
Golf balls. E. E. Marshall. 167,039–40; Apr. 24; Serial Nos. 170,883–4; published Jan. 9, 1923.
Golf-club grips. Armstrong Golf Grip Corporation. 175,668; Nov. 6.
Golf clubs. Allied Golf Company. 173,955; Oct. 2; Serial No. 169,272; published July 10, 1923.
Golf clubs. Braw Laddie Golf Company. 171,153; July 31; Serial No. 176,062; published Apr. 24, 1923.
Golf clubs. Burke Golf Co. 163,283; Jan. 9.
Golf clubs. Crawford, McGregor & Canby Company. 163,223–5; Jan. 2.
Golf clubs. Crawford, McGregor & Canby Company. 163,300; Jan. 9.
Golf clubs. Crawford, McGregor & Canby Company. 165,459; Mar. 13; Serial No. 171,613; published Jan. 2, 1923.
Golf clubs. Crawford, McGregor & Canby Company. 165,460; Mar. 13; Serial No. 171,616; published Jan. 2. 1923.
Golf clubs. Crawford, McGregor & Canby Company. 165,461–2; Mar. 13; Serial Nos. 171,620–1; published Jan. 2, 1923.
Golf clubs. Crawford, McGregor & Canby Company. 165,463; Mar. 13; Serial No. 171,625; published Jan. 2, 1923.
Golf clubs. Crawford, McGregor & Canby Company. 165,464–5; Mar. 13; Serial Nos. 171,627–8; published Jan. 2, 1923.
Golf clubs. Crawford, McGregor & Canby Company. 165,745; Mar. 20; Serial No. 171,629; published Jan. 2, 1923.
Golf clubs. Crawford, McGregor & Canby Company. 168,066; May 15; Serial No. 171,622; published Feb. 20, 1923.
Golf clubs. Crawford McGregor & Canby Company. 168,958; May 29; Serial No. 171,614; published Mar. 13, 1923.
Golf clubs. Crawford, McGregor & Canby Company. 173,813; Oct. 2; Serial No. 171,623; published July 3, 1923.
Golf clubs. Golf Specialty Manufacturing Company. 169,152; June 12; Serial No. 163,753; published Mar. 20, 1923.
Golf clubs. L. L. Scott. 173,302; Sept. 18; Serial No. 179,746; published June 19, 1923.
Golf-stroke practice and exercising device. A. W. Miller. 171,163; July 31; Serial No. 176,637; published Apr. 24, 1923.
Golf clubs and balls. Crawford, McGregor & Canby Company. 167,065; Apr. 24; Serial No. 159,558; published Jan. 9, 1923.
Golf clubs, balls, bags, irons, and tees. D. R. Griffiths. 172,302; Aug. 28; Serial No. 175,390; published May 29, 1923.
Hobbyhorses, children's automobiles, and aeroplane toys. J. K. Selenkow. 167,080; Apr. 24; Serial No. 156,031; Feb. 6, 1923.
Jumping stick. Pogo Company. 176,107; Nov. 20; Serial No. 154,757; published June 20, 1922.
Kindergarten material. E. Steiger. 170,223; July 10; Serial No. 154,769; published Apr. 10, 1923.
Life preservers. National Life Preserver Company (Sheridan, Wyoming). 177,835; Dec. 25.
Merry-go-round. Oxford-Print. 177,430; Dec. 18; Serial No. 144,246; published Oct. 2, 1923.
Minnows, Artificial. J. Wigart. 176,247; Nov. 20; Serial No. 182,946; published Sept. 11, 1923.
Pistols, grasshoppers and canary songsters, Repeating cap. Victory Sparkler & Specialty Co. 172,679; Sept. 11; Serial No. 164,527; published Jan. 9, 1923.
Playground climbing frames. Junglegym, Inc. 167,081; Apr. 24; Serial No. 155,408; published Jan. 30, 1923.
Poker chips. Marshall Field & Company. 163,370; Jan. 9.
Propulsion devices for children, Two-wheeled. H. C. White Company. 164,755; Feb. 27.
Punching bag platform and apparatus. Whitely Exerciser Company. 174,614; Oct. 23; Serial No. 179,121; published July 31, 1923.
Puzzles. R. Sherman. 177,817; Dec. 25.
Puzzles. T. C. Washington. 171,322; Aug. 7; Serial No. 168,342; published May 1, 1923.
Rackets, Lawn-tennis, etc. Dayton Steel Racquet Company. 169,567; June 19.
Racks used in connection with the game of Mah Jack. J. T. Gaffey. 171,043; July 31; Serial No. 174,770; published May 15, 1923.
Rattles, Hand. L. J. Halpern. 171,114; July 31; Serial No. 174,961; published May 1, 1923.
Rubber balloons and inflated balls, etc. Fred A. Wish Incorporated. 175,647; Nov. 6; Serial No. 180,640; published Aug. 21, 1923.
Rubber hand and foot balls. H. Schnezler. 172,385; Aug. 28; Serial No. 170,342; published May 29, 1923.
Skates. A. G. Spalding & Bros. 163,402; Jan. 9.

Classified list of trade-marks registered—Continued.

Skates. Union Hardware Company. 23,727; renewed Oct. 17, 1923.
Skates. Wright & Ditson Victor Co. 163,421; Jan. 9.
Skates, baseballs, golf balls, etc. E. Byrnes. 177,446; Dec. 18; Serial No. 182,130; published Oct. 2, 1923.
Skates, Ice. American Sport Shop, Inc. 171,120; July 31; Serial No. 175,453; published Apr. 24, 1923.
Skates, Ice. Nestor Johnson Manufacturing Company. 177,802; Dec. 25.
Skates, Ice. Samuel Winslow Skate Mfg. Co. 172,315; Aug. 28; Serial No. 175,975; published May 29, 1923.
Score sheets and pads, Bridge. A. L. Trowbridge. 168,456; May 22; Serial No. 173,452; published Feb. 20, 1923.
Sleds, Children's hand. Sheffield Mfg. Co. 175,628; Nov. 6; Serial No. 174,530; published Aug. 21, 1923.
Sleds, Hand coaster. Sheffield Mfg. Co. 165,741; Mar. 20. Serial No. 169,873; published Dec. 26, 1922.
Sleds, hand sleds with wheels, and toy wagons. Coaster Company. 173,054; Sept. 11; Serial No. 176,603; published June 12, 1923.
Swimming appliances. P. J. Timberlake. 165,663; Mar. 20; Serial No. 166,921; published Jan. 2, 1923.
Swimming device or belt, Inflatable. G. Jordahn. 169,948; July 10; Serial No. 174,454; published Apr. 10, 1923.
Talking boards. W. Fuld. 164,563; Feb. 20.
Tea. Mate Products Corporation. 163,371; Jan. 9.
Teeters. Metallic Industries. 168,006 May 8.
Tennis-racket strings. A. G. Spalding & Bros. 169,189; June12; Serial No. 173,541; published Mar. 20, 1923.
Tennis rackets. Harry C. Lee & Company. 175,596; Nov. 6; Serial No. 179,277; published Aug. 21, 1923.
Tennis tape reels, baseballs, baseball gloves and mits, bats, etc. Charles M. Ghriskey's Sons. 171,174; July 31; Serial No. 171,456; published May 1, 1923.
Tin foil, Shredded. United States Foil Company. 175,302; Nov. 6; Serial No. 166,964; published Aug. 21, 1923.
Tops, Spinning. Sipp Novelty Co. Inc. 171,116; July 31; Serial No. 175,029; published May 1, 1923.
Toy aeroplanes. C. F. Simms. 164,821; Feb. 27.
Toy alarm clocks or watches. S. C. Vincent. 169,962; July 10; Serial No. 174,804; published Apr. 10, 1923.
Toy animals. Asiatic Import Co. 171,228; July 31; Serial No. 177,030; published Apr. 24, 1923.
Toy animals. Cat's Meow Company. 164,818; Feb. 27.
Toy automobiles. Abraham & Straus, Inc. 176,138; Nov. 20; Serial No. 183,016; published Sept. 11, 1923.
Toy automobiles. O. W. Siebert. 165,517; Mar. 13; Serial No. 163,598; published Jan. 2, 1923.
Toy banks. John Hugo Manufacturing Company. 167,114; Apr. 24; Serial No. 163,519; published Jan. 30, 1923.
Toy banks. L. I. King. 169,557–8; June 19.
Toy banks. Thrift Selling Service Co. 168,926; May 29; Serial No. 174,496; published Mar. 13, 1923.
Toy coaster vehicles. Wyoming Toy Mfg. Co. 177,479; Dec. 18; Serial No. 183,462; published Oct. 2, 1923.
Toy coasters. H. E. M. Mfg. Co. 171,151; July 31; Serial No. 176,023; published Apr. 24, 1923.
Toy construction sets. A. C. Gilbert Company. 169,192; June 12; Serial No. 175,192; published Mar. 27, 1923.
Toy cycles and coasters. Westfield Manufacturing Company. 165,747; Mar. 20; Serial No. 171,145; published Jan. 2, 1923.
Toy desks. O'Connor & Hogan. 164,750; Feb. 27.
Toy dogs. Frank W. Hopkins, Inc. 164,508; Feb. 20.
Toy dogs. F. O. King. 173,698; Oct. 2; Serial No. 177,229; published June 19, 1923.
Toy dogs. Wahoo Novelty Works. 176,246; Nov. 20; Serial No. 182,843; published Sept. 11, 1923.
Toy dogs, Fabric. P. F. Volland Co. 177,311; Dec. 18; Serial No. 167,342; published Oct. 2, 1923.
Toy dolls. C. Ewald. 169,949; July 10; Serial No. 174,515; published Apr. 10, 1923.
Toy dolls. C. Ewald. 170,377; July 17; Serial No. 174,386; published Apr. 10, 1923.
Toy dolls and animals. J. W. Torrey. 172,361; Aug. 28; Serial No. 173,907; published May 29, 1923.
Toy electric railway. American Display Company. 169,961; July 10; Serial No. 174,718; published Apr. 10, 1923.
Toy electrical trains, Tracks for. Lionel Corporation. 177,431; Dec. 18; Serial No. 144,339; published Oct. 2, 1923.
Toy horses. International Toy Company. 167,942; May 8; Serial No. 171,997; published Feb. 20, 1923.
Toy houses. Change-O-Toy House Company. 165,734; Mar. 20; Serial No. 169,434; published Dec. 19, 1922.
Toy insect. A. M. Hewitt. 168,320; May 22; Serial No. 167,774; published Feb. 27, 1923.
Toy marbles. M. A. Knight. 165,034; Feb. 27.
Toy monkeys, Stuffed. Davis & Voetsch. 165,453; Mar. 13; Serial No. 171,489; published Jan. 2, 1923.
Toy moving-picture machines. American Pictograph Company. 165,731; Mar. 20; Serial No. 169,197; published Dec. 19, 1922.
Toy rubber balls, Inflated. Radio Ball Company. 170,492; July 17; Serial No. 171,815; published Feb. 6, 1923.
Toy telephones. N. N. Hill Brass Co. 166,753; Apr. 10.
Toy vehicles. Automotive Toy Kraft Company. 168,980; May 29.
Toy vehicles. Colson Company. 175,437; Nov. 6; Serial No. 148,870; published Aug. 28, 1923.
Toy vehicles. White Company. 175,642; Nov. 6; Serial No. 180,458; published Aug. 21, 1923.
Toy vehicles, Self-propelled. C. E. Bowers. 171,227; July 31; Serial No. 177,067; published Apr. 24, 1923.
Toy velocipedes. C. Israel. 163,437; Jan. 9.
Toy villages and dolls. B. M. Larkin. 175,175; Oct. 30; Serial No. 181,343; published Aug. 7, 1923.
Toy wagons. A. O. Cannon. 170,370; July 17; Serial No. 174,053; published Apr. 10, 1923.
Toy wagons and coaster cars. Lynn Coaster Car Company. 163,365; Jan. 9.
Toy wagons, Children's. The Fair. 167,034; Apr. 24; Serial No. 170,973; published Feb. 6, 1923.
Toys. Gong Bell Manufacturing Company. 177,421; Dec. 18; Serial No. 165,190; published Oct. 2, 1923.
Toys. Grand Rapids Toy Manufacturing Company. 164,739; Feb. 27.
Toys. Krazifor American Toy Co. 175,593; Nov. 6; Serial No. 179,476; published Aug. 21, 1923.
Toys. Magi-Graph Co. 167,033; Apr. 24; Serial No. 171,092; published Jan. 16, 1923.
Toys, Mechanical. Ferdinand Strauss Corporation. 176,800; Nov. 27.
Toys. Metallic Industries, Inc. 167,011; Apr. 24; Serial No. 162,757; published Jan. 30, 1923.
Toys. Tin Decorating Company of Baltimore. 174,907; Oct. 23; Serial No. 179,068; published July 31, 1923.
Toys and novelties. Horton Studios, Inc. 168,805; May 29; Serial No. 157,034; published Feb. 20, 1923.
Toys and playthings. Kämmer & Reinhardt. A. G. 168,614; May 29; Serial No. 168,927; published Feb. 13, 1923.
Toys, Animated-figure. Selrite Products Inc. 175,307; Nov. 6; Serial No. 162,318; published Aug. 21, 1923.
Toys, Electrical. Lionel Corporation. 173,957; Oct. 2; Serial No. 163,099; published July 10, 1923.
Toys, etc., Stuffed figure. Ted Morton & Co. Inc. 171,007; July 31; Serial No. 176,639; published May 15, 1923.
Toys, Figure. W. Fuld. 171,003; July 31; Serial No. 176,961; published May 15, 1923.
Toys, Paper and wooden. K. S. Wilson. 169,279; June 12; Serial No. 141,339; published Feb. 20, 1923.
Toys, particularly cut-out dolls. P. Reeves. 165,528–9; Mar. 13; Serial Nos. 158,008–9; published Dec. 19, 1922.
Toys, Wheeled. Affleck & Luckett. 163,364; Jan. 9.
Toys, Wheeled. J. T. Casey. 171,232; July 31; Serial No. 170,968; published May 1, 1923.
Track and cars for use thereon, Miniature automobile race. Advertising Auto Speedway Co. 175,050; Oct. 30; Serial No. 179,506; published Aug. 7, 1923.
Vehicles, Children's. Colson Company. 174,303; Oct. 9.
Vehicles for children, Three-wheeled. H. C. White Company. 164,384; Feb. 20.
Vehicles for children, Three-wheeled mechanically-propelled. H. C. White Company. 164,756; Feb. 27.
Vehicles, Two-wheeled children's coaster. Advance Manufacturing Co. 169,871; July 3; Serial No. 174,684; published Apr. 3, 1923.

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Accumulators, Steam. Aktiebolaget Vaporackumulator. 163,670; Jan. 23.
Addressing machinery and equipment and supplies therefor. Elliott Company. 171,576; Aug. 7; Serial No. 172,642; published May 1, 1923.
Adzes, auger bits, axes, etc. Baker, Hamilton & Pacific Company. 177,646; Dec. 25; Serial No. 170,354; published Aug. 21, 1923.
Agricultural hand implements for hoeing and digging. American Fork & Hoe Company. 176,589; Nov. 27; Serial No. 179,509; published Sept. 11, 1923.
Agricultural implements, cutlery and edge tools, and machinists' tools. Collins Company. 163,887; Feb. 6.
Agricultural machinery and implements, Repair parts for. Henry & Allen. 172,311; Aug. 28; Serial No. 175,790; published May 29, 1923.
Agricultural machinery and parts thereof. Moline Plow Company. 166,069; Mar. 27; Serial No. 160,199; published Dec. 5, 1922.
Agricultural tools and connecting them to tractors or other sources of draft power, Devices for carrying. Moline Plow Company. 171,596; Aug. 7; Serial No. 176,202; published May 1, 1923.
Air-pressure systems for washing automobiles, etc., and parts of said systems. Gates Auto Laundry and Supply Company. 176,968; Dec. 11; Serial No. 179,144; published Sept. 25, 1923.
Arbors, augers, awls, belt tighteners, bench hooks, bench tables, etc. Goodell-Pratt Company. 165,931; Mar. 20.
Augers, awls, axes, etc. Smith & Hemenway Company. 169,874; July 3; Serial No. 125,806; published Nov. 9, 1920.
Automobile-actuated transmission appliance. Industrial Service Company. 167,222; Apr. 24; Serial No. 156,833; published Feb. 6, 1923.
Automobile foot throttles. American Mechanical Works. 176,672; Nov. 27; Serial No. 182,393; published Sept. 11, 1923.

Classified list of trade-marks registered—Continued.

Automobile stop and direction indicators. Begley Mechanical Corporation. 174,787; Oct. 23; Serial No. 144,309; published July 24, 1923.
Automobiles, Automatic grease cups for. W. C. Machado. 164,556; Feb. 20.
Automobiles, Combined pump and fan attachment for S & G Manufacturing Company. 170,825; July 24; Serial No. 170,508; published Apr. 24, 1923.
Automobiles, Repair and replacement parts for. Replacement Auto Parts Company. 164,399; Feb. 20.
Axes. Momsen-Dunnegan-Ryan Co. 169,243; June 12: Serial No. 170,074; published Mar. 20, 1923.
Axes, hatchets, hammers, screw drivers, and chisels. Handled. Winchester Repeating Arms Co. 168,891; May 29; Serial No. 169,512; published Mar. 6, 1923.
Axes, scythes, hatchets, adzes, bush hooks, etc. American Axe and Tool Company. 164,880; Feb. 27.
Bag filling and packaging machinery. Bates Valve Bag Company. 171,809; Aug. 14; Serial No. 177,539; published May 15, 1923.
Ball and pebble mills. Hardinge Company. 174,921; Oct. 23.
Bearings. Whitney Bearing Corporation. 163,667; Jan. 23.
Bearings and parts thereof, Roller. Timken Roller Bearing Company. 171,583; Aug. 7; Serial No. 175,278; published May 1, 1923.
Bearings and roller-bearing journal boxes, Roller. Stafford Roller-Bearing Car Truck Corporation. 171,654; Aug. 7.
Bearings, Babbitt. Watkins Manufacturing Company. 169,340; June 12; Serial No. 173,113; published Mar. 20, 1923.
Bearings, Ball. Riebe Ball Bearing Company. 176,815; Nov. 27.
Bearings, Journal. Oregon Brass Works. 174,057; Oct. 2; Serial No. 178,273; published July 10, 1923.
Bearings, Motor. Pioneer Motor Bearing Co. 163,882; Feb. 6.
Bearings, Roller. Gilliam Manufacturing Company. 177,107; Dec. 11; Serial No. 173,633; published Sept. 25, 1923.
Beater and whipper, Water-power. P-K Manufacturing Company. 176,669; Nov. 27; Serial No. 182,257; published Sept. 11, 1923.
Beaters and mixers, Cake. J. A. Swope, jr. 173,934; Oct. 2; Serial No. 177,333; published July 17, 1923.
Bevel and splitting shears and brick and plastering trowels, Rotary self-feeding. Marshalltown Manufacturing Company. 164,571; Feb. 20.
Beverage-dispensing machines. Richmond Beverage Machine Corporation. 168,915; May 29; Serial No. 155,640; published Mar. 6, 1923.
Bird-cage stands, screens, hooks, etc. Andrew B. Hendryx Co. 168,096; May 15; Serial No. 162,550; published Feb. 27, 1923.
Bits and augers. Irwin Auger Bit Company. 164,103; Feb. 13.
Bits and augers. Irwin Auger Bit Company. 167,244; Apr. 24; Serial No. 171,801; published Jan. 30, 1923.
Bits and augers. Irwin Auger Bit Company, The. 173,295–7; Sept. 18; Serial Nos. 179,098–100; published June 19, 1923.
Bits and augers. Irwin Auger Bit Company. 173,315–7; Sept. 18; Serial Nos. 179,101–3; published June 19, 1923.
Bits, reamers, fishing tools for wells, Rotary drill. Reed Roller Bit Co. 176,622; Nov. 27; Serial No. 159,055; published Sept. 18, 1923.
Bookbinders' machinery paper drills, power punches, etc. J. T. Wright Co. 163,668; Jan. 23.
Bottle cappers. Comstock-Bolton Company. 169,269; June 12; Serial No. 154,350; published Mar. 20, 1923.
Bottle cappers. S. L. Goldman. 164,255; Feb. 13.
Bottle filling and washing machines and cork pullers. Direct Equipment & Engineering Corporation. 173,531; Sept. 25.
Box openers and nail pullers. A. Schrem. 166,415; Apr. 3; Serial No. 168,621; published Dec. 26, 1922.
Boxes, Miter. Goodell-Pratt Company. 172,698; Sept. 11; Serial No. 176,893; published May 29, 1923.
Braiding and weaving machines. American Wiremold Company. 175,101; Oct. 30; Serial No. 179,703; published Aug. 7, 1923.
Braiding machines. National Indicator Company. 169,361; June 12; Serial No. 172,896; published Mar. 27, 1923.
Broaches. Frank O. Wells Company. 169,008; May 29.
Bronze bushings. Strickland Machine Company. 163,886; Feb. 6.
Brushes and sprayers, Air. Dayton Air Brush Company. 164,840; Feb. 27.
Can openers. Quicksafe Manufacturing Company. 168,664; May 29; Serial No. 155,320; published Feb. 20, 1923.
Can openers. Star Can Opener Company. 174,161; Oct. 9; Serial No. 180,307; published July 17, 1923.
Can openers and cap lifters. J. S. Dunlap. 173,525; Sept. 25.
Cans, Machine and devices for opening. P. C. West Mfg. Co. 166,066; Mar. 27; Serial No. 168,132; published Dec. 5, 1922.
Candy machinery. Vacuum Candy Machinery Co. 169,017; May 29.
Carburetor, Fuel control or regulator for a. E. E. Ford Mfg. Co. 169,240; June 12; Serial No. 172,150; published Mar. 20, 1923.
Carburetors. G. G. Brown. 174,173; Oct. 9; Serial No. 179,774; published July 17, 1923.
Carburetors. Durand & Winfield. 167,294; Apr. 24.
Carburetors. Wagner Research Society. 166,842; Apr. 17; Serial No. 168,909; published Jan. 23, 1923.
Carburetors and parts thereof. Eagle Carburetor Company. 176,667; Nov. 27; Serial No. 181,823; published Sept. 11, 1923.
Carburetors and structural parts and fittings therefor. Eagle Carburetor Company. 174,060; Oct. 2; Serial No. 178,434; published July 3, 1923.
Carriage-lifting jacks. F. Steiner Mfg. 173,299; Sept. 18; Serial No. 178,878; published June 12, 1923.
Cars, etc., Self-dumping cages for. Car-Dumper & Equipment Co. 176,819; Nov. 27.
Carton and box filling machinery. Cartoning Machinery Corporation. 166,412; Apr. 3; Serial No. 166,933; published Jan. 2, 1923.
Carving, edge, and coopers' tools and the like. Mack Tool Company. 171,864; Aug. 14; Serial No. 174,523; published May 1, 1923.
Chains for liquids, Conveyer. Société Anonyme des Elevateurs de Liquides "Chaine-Helice" Bessonnet-Favre. 175,330; Nov. 6; Serial No. 180,305; published Aug. 14, 1923.
Check protector. C. G. Hale. 166,329; Mar. 27.
Checks and other negotiable papers, Machines for protecting bank. Safe-Guard Check-Writer Company. 163,666; Jan. 23.
Cheese, Machine for slicing and cutting. Rey & Rey. 175,556; Nov. 6; Serial No. 179,743; published Aug. 21, 1923.
Churns. Fredrickson Brothers. 171,711; Aug. 14; Serial No. 155,813; published May 22, 1923.
Churns, Butter. Standard Vibrating Churn Company. 166,807; Apr. 17; Serial No. 168,176; published Jan. 23, 1923.
Cigar and cigarette machinery and parts thereof. American Machine and Foundry Co. 168,740; May 29; Serial No. 171,197; published Feb. 27, 1923.
Cigar-making machines. Syndicat pour l'Exploitation des Machines à Fabriquer les Cigares Brevets Cornelis. 172,493; Aug. 28.
Cigarettes, Machinery used in the manufacture of. Comas Cigarette Machine Company. 166,803; Apr. 17; Serial No. 168,457; published Jan. 23, 1923.
Cleaners for threads of fibrous substances. W. J. Klotz Raw Silk Cleaner Company. 164,267; Feb. 13.
Cleaning systems, Dry-. S. F. Bowser and Company. 172,264; Aug. 28; Serial No. 177,068; published May 29, 1923.
Clippers, wire cutters, pliers, and shears, Bolt. H. K. Porter. 165,445; Mar. 13; Serial No. 165,153; published Dec. 19, 1922.
Cloth pilers, exhaust fans, rag cutters, etc. B. F. Perkins & Son, Inc. 167,299; Apr. 24.
Coffee classifiers, hullers, polishers, power screens, pulpers, and elevators. Marcus Mason & Co. 22,676; renewed Mar. 21, 1923.
Coffee machinery. Marcus Mason & Co. 22,803; renewed Apr. 11, 1923.
Compressors and pumps and attachments therefor. Pennsylvania Pump & Compressor Co. 166,438; Apr. 3; Serial No. 166,906; published Jan. 2, 1923.
Compressors and small motor-driven compressor units, Small air. Brunner Manufacturing Company. 171,940; Aug. 14.
Concrete mixers. Badger Wire & Iron Works. 167,314; Apr. 24.
Concrete mixers, saw tables, etc. C. E. La Boyteaux. 171,705; Aug. 14; Serial No. 174,966; published May 8, 1923.
Concrete-mixing machines, brickmaking machines. Concrete Machinery & Supply Co. 167,273; Apr. 24; Serial No. 152,066; published Jan. 16, 1923.
Condensers, heat exchangers, and dephlegmators, Oil. C. H. Leach Company. 175,958; Nov. 13; Serial No. 169,719; published Aug. 21, 1923.
Conveyors, Incline and automatic elevators, spirals, and parts thereof, Gravity, etc. Standard Conveyor Company. 166,740; Apr. 10.
Corn planters. Sheffield Mfg. Co. 166,106; Mar. 27; Serial No. 165,042; published Nov. 28, 1922.
Corn shellers. Joliet Manufacturing Company. 174,162; Oct. 9; Serial No. 180,223; published July 17, 1923.
Cotton and other fibrous materials, Machines for breaking, separating, etc. Garner Gin Company. 174,304; Oct. 9.
Cotton gins and cotton-gin machinery. Murray Company. 172,320; Aug. 28; Serial No. 176,419; published May 29, 1923.
Cotton gins, elevators, presses, etc. Murray Company. 167,288; Apr. 24.
Cotton trampers. Cullander Machinery Co. 177,624; Dec. 25; Serial No. 182,334; published Oct. 9, 1923.
Cranes. John F. Byers Machine Company. 174,976; Oct. 30; Serial No. 151,823; published Aug. 14, 1923.

Classified list of trade-marks registered—Continued.

Cranes. Colby Steel and Enginering Co. 177,012; Dec. 11; Serial No. 157,759; published Sept. 25, 1923.
Cranes mounted on motor trucks. Byers Machine Company. 175,199; Oct. 30; Serial No. 175,068; published Aug. 14, 1923.
Cranes or derricks. Moore Brothers. 175,333; Nov. 6; Serial No. 180,077; published Aug. 14, 1923.
Crushers, breakers, feeders, and hoppers. Pennsylvania Crusher Company. 163,665; Jan. 23.
Crushers, shredders, breakers, pulverizers, and grinders. Gruendler Patent Crusher & Pulverizer Co. 166,850; Apr. 17; Serial No. 165,372; published Jan. 23, 1923.
Cultivators. Union Fork and Hoe Company. 167,964; May 8.
Cutlery. Finedge Cutlery Corporation. 163,921; Feb. 6.
Cutlery. P. J. Michels. 169,699; June 26.
Cutlery. Sperry & Alexander. 23,158; renewed May 30, 1923.
Cutlery. Union Cutlery Co. 168,642; May 29; Serial No. 165,514; published Feb. 20, 1923.
Cutlery. Edward Weck & Son, Inc. 166,782; Apr. 17; Serial No. 161,471; published Dec. 5, 1922.
Cutlery. Wester Brothers. 172,251; Aug. 28; Serial No. 156,206; published May 29, 1923.
Cutlery. Estate of Frederick Wiebusch. 23,639; renewed Sept. 19, 1923.
Cutlery and razors, Pocket. Canton Cutlery Co. 19,480; renewed May 12, 1921.
Cutlery, Certain kinds of. Premier Cutlery, Inc. 172,249; Aug. 28; Serial No. 159,049; published May 29, 1923.
Cutlery, tools, etc. Damascus Steel Products Corporation. 165,567; Mar. 13; Serial No. 161,036; published Dec. 19, 1922.
Cutter heads, thread-cutting machines, and cutters therefor. Landis Machine Company. 177,617; Dec. 25; Serial No. 182,593; published Oct. 9, 1923.
Cutters, Milling. National Twist Drill & Tool Company. 169,920; July 3.
Cutting and planing machine, Earth. E. G. Carr. 175,823; Nov. 13; Serial No. 162,333; published Aug. 28, 1923.
Cutting machines for use in the manufacture of hats. Durbrow & Hearne. 173,275; Sept. 18; Serial No. 174,822; published June 19, 1923.
Derricks, Oil. V. B. Foster. 176,479; Nov. 27; Serial No. 181,067; published Sept. 18, 1923.
Diamond tools, diamond engraving and marking tools, and diamond drills. S. G. Warner. 174,154; Oct. 2.
Dies, jigs, special machinery, etc. Steelcraft Engineering Company. 175,552; Nov. 6; Serial No. 179,833; published Aug. 21, 1923.
Dies, Steel marking. Jas. H. Matthews & Company. 174,053; Oct. 2; Serial No. 177,791; published July 3. 1923.
Dies, vises, etc. Crown Die and Tool Company. 176,665; Nov. 27; Serial No. 181,818; published Sept. 11, 1923.
Dishwashing machines. Automatic Dishwasher Co. 167,258; Apr. 24; Serial No. 168,996; published Feb. 6, 1923.
Dishwashing machines. Hicks Corporation. 172,771; Sept. 11; Serial No. 173,355; published June 5, 1923.
Dishwashing machines. T. W. Simpson. 168,750; May 29; Serial No. 171,477; published Feb. 27, 1923.
Dishwashing machines. United States Machinery Manufacturing Company. 163,918; Feb. 6.
Dishwashing machines and metal-parts-washing machines. Crescent Washing Machine Company. 175,125; Oct. 30; Serial No. 177,168; published Aug. 7, 1923.
Dough and bun dividers, bread proofers, panning machines, mixers, etc. Baker-Perkins Manufacturing Corporation. 170,237; July 10; Serial No. 174,228; published Apr. 10, 1923.
Drapers for machinery for harvesting and treating grains, cereals, etc. Machinery Supply & Draper Company. 171,693; Aug. 7.
Drilling tools, rope sockets, bailers, etc., Cable. Fort Worth Drilling Tool Company. 173,485; Sept. 25; Serial No. 175,857; published June 12, 1923.
Drills, milling cutters, and reamers, Twist. American Machine Products Co. 166,786; Apr. 17; Serial No. 160,106; published Sept. 12, 1922.
Drills, Oil-well. John A. Zublin, doing business as Zublin Tool Company, Los Angeles, Calif. 168,220; May 15; Serial No. 172,312; published Feb. 27, 1923.
Drills. Percussive. Sullivan Machinery Company. 177,806; Dec. 25.
Duplicating machines and parts thereof. A. B. Dick Company. 166,808; Apr. 17; Serial No. 167,937; published Jan. 23, 1923.
Dust-collecting, shaving-exhaust, etc., systems. Allen Engineering & Manufacturing Co. 164,841; Feb. 27.
Dust collectors. Alfred C. Goethel Co. 172,250; Aug. 28; Serial No. 157,369; published May 29, 1923.
Egg beaters. Taplin Manufacturing Company. 163,680; Jan. 23.
Egg beaters. Turner & Seymour Manufacturing Co. 173,922; Oct. 2; Serial No. 178,580; published July 10, 1923.
Egg-beating apparatus. Whippo Manufacturing Company. 176,867; Dec. 4; Serial No. 182,028; published Sept 25, 1923.
Egg beaters and cream whip. Metal Goods Manufacturing Co. 166,818; Apr. 17; Serial No. 167,050; published Jan. 9, 1923.
Electric-light bulbs, lamps, sockets, etc., Apparatus for installing and removing. G. C. A. Manufacturing Company. 170,243; July 10; Serial No. 174,570; published Apr. 3, 1923.
Elevators. Humphrey Elevator Co. 176,674; Nov. 27; Serial No. 182,815; published Sept. 25, 1923.
Elevators, escalators, endless carriers, etc. Otis Elevator Company. 169,693; June 26.
Elevators, escalators, endless carriers, etc. Otis Elevator Company. 169,713; June 26.
Engine governors. Hydro Governor Co. 175,821; Nov. 13; Serial No. 161,882; published Aug. 28, 1923.
Engines and parts thereof and gasoline motors and parts thereof, Internal-combustion. A. Anzani. 163,648; Jan. 23.
Engines and parts thereof, Internal-combustion. H. C. Michelsen. 164,988; Feb. 27.
Engines, Appliance for lubricating and cooling internal-combustion. Lubi Kool Company. 173,312; Sept. 18; Serial No. 179,156; published June 19, 1923.
Engines, Compressed-air self-starters for internal-combustion. Ida Starter Limited. 171,846; Aug. 14; Serial No. 171,128; published May 1, 1923.
Engines, Cylinder blocks and heads, gear-case covers for hydrocarbon. Interchangeable Parts Company. 166,516; Apr. 3; Serial No. 163,755; published Nov. 14, 1922.
Engines, Device designed to supply lubricating oil into the upper cylinders of gasoline. Vapor Lubricant Company. 164,994; Feb. 27.
Engines, Device for uniformly mixing the charge before exploding it in internal-combustion. P. S. Palmer Company. 168,720; May 29; Serial No. 171,764; published Feb. 27, 1923.
Engines, Device used in stopping internal-combustion. Pierce Governor Company. 168,181; May 15; Serial No. 169,321; published Feb. 13, 1923.
Engines, Devices supplying water vapor and moist air to internal-combustion. Efficiency Units, Incorporated. 165,024; Feb. 27.
Engines, Drives and parts of drives for starters for. Eclipse Machine Company. 169,006; May 29.
Engines, engine pumps, and parts used in the oil industry. Drilling. Ajax Iron Works. 166,251; Mar. 27; Serial No. 163,730; published Dec. 19, 1922.
Engines, Gasoline strainers for internal-combustion. Mile-O-More Company. 168,442; May 22; Serial No. 170,659; published Feb. 20, 1923.
Engines, Humidifying devices for internal-combustion. J. A. Semple. 166,936; Apr. 17; Serial No. 169,377; published Jan. 9, 1923.
Engines, Internal-combustion. Climax Engineering Co. 163,912; Feb. 6.
Engines, Internal-combustion. Gray Motor Corporation. 166,877; Apr. 17; Serial No. 156,489; published Nov. 28, 1922.
Engines, Internal combustion. J. S. Stearns. 171,685; Aug. 7.
Engines, Internal-combustion. Sterling Engine Co. 175,537; Nov. 6; Serial No. 180,777; published Aug. 21, 1923.
Engines, Internal-combustion. Universal Motor Company. 177,097; Dec. 11; Serial No. 171,144; published Sept. 25, 1923.
Engines, Poppet valves for internal-combustion. Steel Products Company. 174,055–6; Oct. 2; Serial Nos. 178,069–70; published July 3, 1923.
Engines, Steam and internal-combustion. John I. Thornycroft & Co. Limited. 175,052; Oct. 30; Serial No. 179,385; published Aug. 7, 1923.
Engines, Vaporizing devices for. Penberthy Injector Company. 166,353; Apr. 3; Serial No. 146,182; published Jan. 2, 1923.
Evaporators. Swenson Evaporator Company. 175,192; Oct. 30; Serial No. 175,530; published Aug. 14, 1923.
Excavating, elevating and conveying machinery. Jeffrey Manufacturing Co. 175,366; Nov. 6; Serial No. 176,347; published Aug. 21, 1923.
Farriers', blacksmiths', and cobblers' tools, etc. Champion Tool Company. 166,796; Apr. 17; Serial No. 152,419; published Aug. 1, 1922.
Farriers' tools. Champion Tool Company. 167,707; May 8; Serial No. 152,418; published July 25, 1922.
Feed grinders, Metal catchers and like machines for. Williams Patent Crusher & Pulverizer Co. 165,033; Feb. 27.
Fibrous material and parts thereof, Machines for treating. Garner Gin Company. 171,667; Aug. 7.
File. Continental File Corporation. 165,525; Mar. 13; Serial No. 164,495; published October 31, 1922.
File. Continental File Corporation. 171,672; Aug. 7.
Files. Fayette R. Plumb, Incorporated. 170,069; July 10; Serial No. 165,504; published Apr. 10, 1923.
Files and rasps. Heller Brothers Company. 171,666; Aug. 7.
Files and rasps. Nicholson File Company. 175,290; Nov. 6; Serial No. 131,918; published Jan. 30, 1923.
Files and rasps. C. O. Oberg & Co:s Aktiebolaget. 169,287; June 12; Serial No. 161,641; published Mar. 20, 1923.

Files and rasps. C. O. Öberg & Co :s Aktiebolag. 171,822; Aug. 14; Serial No. 175,514; published May 8, 1923.
Files and rasps, handsaws, hack-saw blades, etc. Sanderson Brothers & Newbould, Limited. 166,854; Apr. 17; Serial No. 164,276; published Jan. 16, 1923.
Fire extinguisher, Dry-powder tube. H. S. Cooke. 174,618; Oct. 23; Serial No. 179,295; published July 24, 1923.
Fire extinguisher, Hand. American La France Fire Engine Company. 166,680; Apr. 10; Serial No. 169,965; published Jan. 9, 1923.
Fire-extinguishing apparatus, Chemical. Crocker National Fire Prevention Engineering Co. 164,955; Feb. 27.
Fire-extinguishing apparatus. Foamite-Childs Corporation. 174,078; Oct. 2; Serial No. 178,984; published July 3, 1923.
Fire-extinguishing apparatus. Foamite-Childs Corporation. 175,059; Oct. 30; Serial No. 179,193; published Aug. 14, 1923.
Fire extinguishers, Dry-powder tube. H. R. Frey. 166,449; Apr. 3; Serial No. 166,289; published Jan. 2, 1923.
Fire extinguishers, Hand. M. Spivak. 164,111; Feb. 13.
Fire extinguishers, Portable. Pyrene Manufacturing Co. 166,245; Mar. 27; Serial No. 163,171; published Dec. 19, 1922.
Flags, banners, pennants, etc. James W. Brine Company. 174,821; Oct. 23; Serial No. 172,581; published July 24, 1923.
Flatware of base metal, Table. G. Hammesfahr. 166,848; Apr. 17; Serial No. 165,951; published Jan. 23, 1923.
Flue cleaners. L. W. Johnson. 168,752; May 29; Serial No. 171,497; published Feb. 20, 1923.
Fly-chasing attachments to be attached to screen doors. H. Pilger. 171,893; Aug. 14; Serial No. 172,012; published May 15, 1923.
Food-mixing machines and parts thereof. Meteor Mixing Machine Co. 172,220; Aug. 28; Serial No. 170,441; published Apr. 17, 1923.
Forging presses, rolling mills, etc. Davy Brothers. 167,975; May 8.
Foundry equipment, Certain articles of. Truscon Steel Company. 169,232; June 12; Serial No. 167,697; published Mar. 20, 1923.
Fruit jars and containers, Device for opening and closing. C. H. Lambert. 169,927; July 3.
Fruit presses. M. J. Brown. 174,108; Oct. 2; Serial No. 166,498; published July 10, 1923.
Fuel-treating devices. V. R. Cameron. 166,678; Apr. 10; Serial No. 170,260; published Jan. 9, 1923.
Garage and shop equipment. Weaver Manufacturing Company. 167,317; Apr. 24.
Gasoline engines, carburetors, and parts thereof. E. L. Simpson. 164,112; Feb. 13.
Gasoline savers. F. A. Diodato. 166,840; Apr. 17; Serial No. 169,011; published Jan. 9, 1923.
Gates for granular materials. Beaumont Mfg. Company. 176,656; Nov. 27; Serial No. 181,930; published Sept. 11, 1923.
Gear blanks and wheels. Diamond State Fibre Company. 177,542; Dec. 18; Serial No. 183,440; published Oct. 2, 1923.
Gear blanks and wheels. Diamond State Fibre Company. 177,543; Dec. 18; Serial No. 183,438; published Oct. 2, 1923.
Gear wheels and gear-wheel blanks, Nonmetallic. General Electric Company. 166,783; Apr. 17; Serial No. 161,181; published Jan. 23, 1923.
Gear wheels and gear-wheel blanks, Nonmetallic. General Electric Company. 171,835; Aug. 14; Serial No. 176,118; published May 8, 1923.
Gears. Indianapolis Tool and Manufacturing Company. 163,913; Feb. 6.
Gears. Niles-Bement-Pond Company. 163,876; Feb. 6.
Gears and gear blanks, William Cramp & Sons Ship & Engine Building Co. 174,975; Oct. 30; Serial No. 154,962; published Aug. 14, 1923.
Gears and shafts. American Gear Company. 175,850; Nov. 13; Serial No. 180,461; published Aug. 28, 1923.
Gears, Metallic and nonmetallic. R. N. Brodie. 175,788; Nov. 13; Serial No. 179,764; published Aug. 28, 1923.
Gears or other articles from shafts and cylinder-boring machines, Machines for forcing. E. C. Coston. 167,276; Apr. 24; Serial No. 150,800; published Jan. 30, 1923.
Glass cutter. C. F. Doerr. 174,913; Oct. 23.
Grain-cleaning machines. Wonder Grain Cleaner Company. 166,653; Apr. 10; Serial No. 151,341; published Jan. 9, 1923.
Grain separating and cleaning machines. Carter-Mayhew Manufacturing Company. 166,683; Apr. 10; Serial No. 168,204; published Jan. 23, 1923.
Grass catchers. Canvas Products Company. 177,394; Dec. 18; Serial No. 181,376; published Oct. 2, 1923.
Gravers, chisels, gouges, burnishers, tracers, and files. Hammel, Riglander & Co. 164,074; Feb. 13.
Grease and oil cups and lubricators. Keystone Lubricating Company. 175,062; Oct. 30; Serial No. 179,005; published Aug. 14, 1923.
Grease cups. Foster Engineering Company. 169,329; June 12; Serial No. 174,568; published Mar. 20, 1923.
Grinders, Bench. Goodell-Pratt Company. 172,697; Sept. 11; Serial No. 177,082; published May 29, 1923.
Grinding and crushing machinery. Chemical Engineering Co. (Manchester) Limited. 175,139; Oct. 30; Serial No. 180,418; published Aug. 14, 1923.
Grinding machines and parts of same. J. C. Schmidt. 169,224; June 12; Serial No. 159,626; published Mar. 20, 1923.
Hack-saw and coping-saw frames. Consolidated Tool Works, Inc. 172,262; Aug. 28; Serial No. 176,883; published May 29, 1923.
Hair clippers. Andis, O. M., Manufacturing Co. 166,116; Mar. 27; Serial No. 151,696; published Dec. 5, 1922.
Hammer, Portable pneumatic riveting. Dayton Pneumatic Tool Company. 164,893; Feb. 27.
Hammers. Kelly Axe Manufacturing Company. 175,128; Oct. 30; Serial No. 180,666; published Aug. 7, 1923.
Hammers. Stanley Works. 168,619; May 29; Serial No. 167,491; published Feb. 27, 1923.
Hammers. Stanley Works, The. 171,249; July 31; Serial No. 167,491; published Feb. 27, 1923.
Hammers and hatchets. W. T. Grant Company. 175,283; Oct. 30.
Hammers, hatchets, axes, adzes, and sledges, Handled. Vaughan and Bushnell Manufacturing Company. 172,023; Aug. 21; Serial No. 170,227; published Feb. 27, 1923.
Hammers, hatchets, shovels, screw drivers, and chisels. B. Lurye. 170,474; July 17; Serial No. 171,226; published Apr. 17, 1923.
Handles, Tool. Columbus Handle & Tool Co. 163,654; Jan. 23.
Handles, Tool. Hartwell Brothers. 176,675–6; Nov. 27; Serial Nos. 182,906–7; published Sept. 18, 1923.
Handles, Tool. Hartwell Brothers. 176,677–8; Nov. 27; Serial Nos. 182,909–10; published Sept. 18, 1923.
Harvesters and parts thereof. Luce Cane Harvester Corporation. 177,832; Dec. 25.
Harvesters, thrashers, and combined harvesters and thrashers. Holt Manufacturing Company. 176,668; Nov. 27; Serial No. 182,213; published Sept. 11, 1923.
Harvesters, tractors, road graders, etc., Ensilage. Ronning Motor Company. 169,012; May 29.
Hatchets. L. A. Sayre Co. 168,142; May 15; Serial No. 170,158; published Feb. 13, 1923.
Hatchets, hammers, axes, pliers, and wrenches. F. & N. Lawn Mower Company. 164,978; Feb. 27.
Hay carriers, unloaders, steel tracks, slings, forks, and pulleys, etc. F. E. Myers & Bro. Co. 164,224; Feb. 13.
Hoists and their parts, Hydraulic. Wood Hydraulic Hoist & Body Company. 166,315–16; Mar. 27.
Hoists and their parts, Hydraulic. Wood Hydraulic Hoist & Body Company. 170,066; July 10; Serial No. 173,801; published Apr. 10, 1923.
Homogenizer. Manton-Gaulin Manufacturing Company. 172,517; Sept. 4; Serial No. 172,425; published May 29, 1923.
Hoof trimmers, Cow-. C. Kappeler. 170,269; July 10; Serial No. 174,396; published Apr. 17, 1923.
Ice-cream cutters. Union Specialty Mfg. Company. 163,875; Feb. 6.
Insect-destroying machine. R. L. Woodruff. 175,709; Nov. 6.
Internal-combustion motors and same for motor cycles, runabouts, etc. Motosacoche Société Anonyme. 175,329; Nov. 6; Serial No. 180,340; published Aug. 14, 1923.
Jack frames. R. E. Alexander. 172,433; Aug. 28; Serial No. 176,813; published May 29, 1923.
Jacks. Elite Manufacturing Company. 165,930; Mar. 20.
Jacks. Kent Machine Works, Inc. 169,327; June 12; Serial No. 174,578; published Mar. 20, 1923.
Jacks for lifting automobiles, etc. Ever Ready Auto Jack Corporation. 167,965; May 8.
Jacks, Lifting. Ajax Auto Parts Company. 164,933; Feb. 27.
Jacks, Lifting and screw. Schmick Gear & Screw Company. 167,251; Apr. 24; Serial No. 170,672; published Jan. 30, 1923.
Knives. Lamson & Goodnow Mfg. Company. 163,818; Jan. 30.
Knives and cleavers. American Cutlery Company. 164,062; Feb. 13.
Knives and forks, Table, kitchen, butcher, and hunting. K. E. Porter. 173,195; Sept. 18; Serial No. 173,106; published June 19, 1923.
Knives and scissors. J. Friedrich. 166,822; Apr. 17; Serial No. 166,444; published Jan. 23, 1923.
Knives, forks, and spoons of base metal, razors, scissors, etc. Müller & Schmidt. Pfeilringwerk. 164,061; Feb. 13.
Knives, forks, spoons, Aluminum. Gebr. Noelle. 177,759; Dec. 25; Serial No. 178,183; published Oct. 2, 1923.
Knives, forks, spoons, razors, scissors. Carl Wüsthof, Stahlwarenfabrik. 177,031; Dec. 11; Serial No. 162,707; published Sept. 25, 1923.
Knives, Pocket and hunting. New York Knife Company. 166,474; Apr. 3; Serial No. 167,316; published Jan. 2, 1923.
Knives, Pocket tool. F. Van Der Vygh. 173,788; Oct. 2; Serial No. 176,343; published June 26, 1923.
Knives, safety-razor blades, glass cutters, Butcher and kitchen. H. C. Hart. 171,858; Aug. 14; Serial No. 174,738; published May 1, 1923.

Classified list of trade-marks registered—Continued.

Knives, scissors, shears, hoes, shovels, etc. Guthrie & Co., Limited. 163,892–3; Feb. 6.
Knives, shears, hoes, axes, scythes, etc. Guthrie & Company, Limited. 165,599; Mar. 13; Serial No. 131,070; published Apr. 25, 1922.
Knives, shears, razors, etc. Mac Lean Drug Company. 177,400; Dec. 18; Serial No. 178,756; published Oct. 2, 1923.
Knives, Table. American Cutlery Company. 174,102; Oct. 2; Serial No. 149,621; published July 3, 1923.
Lathes, milling, and drilling machines, etc. Joseph T. Ryerson & Son. 173,703; Oct. 2; Serial No. 177,023; published June 19, 1923.
Lift jack. Medina Manufacturing Co. 174,956; Oct. 30; Serial No. 163,166; published Aug. 14, 1923.
Liquid circulators. N. E. McClelland. 168,628; May 29; Serial No. 167,825; published Feb. 27, 1923.
Locomotive and stationary lubricators, valve and oil cups. Detroit Lubricator Company. 173,041; Sept. 11; Serial No. 176,955; published June 5, 1923.
Locomotives and parts thereof. Baldwin Locomotive Works. 165,035; Feb. 27.
Locomotives, Auxiliary engines for. Franklin Railway Supply Company. 175,753; Nov. 13; Serial No. 166,825; published July 3, 1923.
Loom reeds. Hayes Loom Reed and Harness Co. 164,928; Feb. 27.
Loom sundries, Leather. Charles Bond Company. 173,733; Oct. 2; Serial No. 178,588; published June 12, 1923.
Lubricators. Horrocks Desk Company. 164,983; Feb. 27.
Lubricators, oil-hole covers, oil cups, etc., Machine and bearing. Bay State Stamping Company. 169,730; June 26.
Machine tools and tool holders, Metal-working-. E. F.-G. Gibbs. 167,973; May 8.
Machinery guards, Metal. C. J. Dickgiesser. 173,084; Sept. 11.
Machinery, tools, and parts thereof. Sprout Waldron & Co. 165,722; Mar. 20; Serial No. 168,695; published Dec. 19, 1922.
Machines and materials for mine working. Fiat. 168,920; May 29; Serial No. 150,742; published Mar. 6, 1923.
Machines for dividing dough. F. H. Sharpe. 167,663; May 8; Serial No. 169,260; published Feb. 20, 1923.
Machines for transporting, raising, or lowering boxes, barrels, etc. Economy Engineering Company. 166,133; Mar. 27; Serial No. 142,968; published Dec. 19, 1922.
Masts and parts thereof for the hoisting of concrete and construction materials, concrete chutes, and hoisting buckets, Steel. Insley Manufacturing Company. 176,098; Nov. 13.
Merchandise-vending machines. W. R. Honeyman. 171,660; Aug. 7.
Metal cutters. H. Scott. 169,259; June 12; Serial No. 172,016; published Mar. 20, 1923.
Metal-working machines and tools. National Acme Company. 169,721–2; June 26.
Metal-working small tools. Cleveland Twist Drill Company. 167,990; May 8.
Milking machines. Electric Milker Corporation. 163,915; Feb. 6.
Mill and exhaust fans, dust collectors, etc., Multiblade, steel-plate, forced and induced draft planing. Hersh Brothers Company. 165,933; Mar. 20.
Milling and relieving machines and profile grinders. Clark-Mesker Company. 169,726; June 26.
Milling fixtures, cutters, and machines, etc. Ingersoll Milling Machine Company. 169,221; June 12; Serial No. 154,194; published Mar. 27, 1923.
Milling machinery. Wolf Company. 166,475; Apr. 3; Serial No. 167,062; published Jan. 2, 1923.
Milling machinery, bolting reels, etc. B. F. Gump Co. 170,208; July 10; Serial No. 124,986; published Apr. 17, 1923.
Milling tools, Metal-working cylindrical. Auto-Hone Co. 168,184; May 15; Serial No. 169,147; published Feb. 13, 1923.
Mills and fruit presses, Cider. Crown Manufacturing Company. 168,132; May 15; Serial No. 170,809; published Feb. 20, 1923.
Mining machines, hoisting mechanism, grinders, and rotary engines. Sullivan Machinery Company. 164,992; Feb. 27.
Mixers or beaters. World Novelty Co. 163,917; Feb. 6.
Molding and core making machines, vibrators, etc. Pneulec Machine Company. 174,513; Oct. 16; Serial No. 178,356; published July 24, 1923.
Molding and planing irons, rock and twist drills, milling cutters, etc. Samuel Warren Limited. 169,218; June 12; Serial No. 152,600; published Mar. 20, 1923.
Molds for the manufacture of alimentary pastes. F. Maldari & Bros. 169,323; June 12; Serial No. 175,018; published Mar. 20, 1923.
Motors for small craft, Outboard internal-combustion. Johnson Motor Co. 177,544; Dec. 18; Serial No. 183,385; published Oct. 2, 1923.
Motors, Gasoline-purifying instrumentalities for explosion. Deeks Motor Products, Incorporated. 168,940; May 29; Serial No. 172,866; published Mar. 6, 1923.
Motors, governors, motor fans, gears, and parts thereof, Internal-combustion. Chadick, De Lamater Corporation. 163,867; Feb. 6.
Motors, Hydrocarbon. Aeromarine Plane & Motor Company. 164,557; Feb. 20.
Motors, Oiling systems for. Safety Oiling System. 164,931; Feb. 27.
Motors, Regasifying attachments for internal-combustion. Maxo Products Corporation. 166,652; Apr. 10; Serial No. 155,511; published Jan. 9, 1923.
Mower, binder, header, and reaper guards, heads, pitman boxes, etc. R. Herschel Manufacturing Co. 164,594; Feb. 20.
Needles, Hand embroidery. Art Needle Mfg. Co. 174,928; Oct. 23.
Nippers. Snell & Atherton, Inc. 174,815; Oct. 23; Serial No. 180,901; published July 31, 1923.
Oars, handspikes, and capstan bars. De Grauw, Aymar & Co. 21,081; renewed May 10, 1922.
Oil condensers, heat exchangers, and dephlegmators. C. H. Leach Company. 175,078; Oct. 30; Serial No. 169,720; published Aug. 7, 1923.
Oil purifiers or oil separators, Centrifugal. Koefoed, Hauberg, Marstrand & Helweg Aktieselskabet Titan. 175,870; Nov. 13; Serial No. 177,042; published Aug. 28, 1923.
Oilers, Elevator-rail. G. M. Osterberg. 171,886; Aug. 14; Serial No. 172,551; published May 8, 1923.
Oilstones and whetstones. Pike Manufacturing Company. 23,448; renewed Aug. 1, 1923.
Oil-well machinery and tools. Boykin Machinery & Supply Co. 173,918; Oct. 2; Serial No. 174,062; published July 3, 1923.
Oil-well swabs, stuffing boxes, etc. Oil Country Specialties Manufacturing Co. 174,797; Oct. 23; Serial No. 174,850; published July 24, 1923.
Paper and other sheet material, Machines for cutting, piling, etc. Maxson Automatic Machinery Company. 170,003; July 10; Serial No. 155,973; published Apr. 3, 1923.
Paper cutter, Gravity. D. Linette. 169,331; June 12; Serial No. 174,400; published Mar. 20, 1923.
Pasteurizing vats, coolers, etc. Cherry-Bassett-Winner Company. 166,859; Apr. 17; Serial No. 163,740; published Jan. 23, 1923.
Pedal control devices, Mechanical motive. Rayward Engineering and Manufacturing Co. 174,496; Oct. 16; Serial No. 179,012; published July 24, 1923.
Pickaxes, crowbars, wrenches, tercados, mattocks, etc. Collins Company. 170,241; July 10; Serial No. 174,559; published Apr. 3, 1923.
Pin boards for use in textile industry. F. C. Washburn. 168,742; May 29; Serial No. 171,239; published Feb. 27, 1923.
Piston pins. L. Bissell. 169,888; July 3; Serial No. 155,427; published May 16, 1922.
Piston pins. Warren F. Fraser Company. 166,650; Apr. 10; Serial No. 161,001; published Jan. 9, 1923.
Piston pins. Milwaukee Screw Products Co. 163,826; Jan. 30.
Piston pins. Milwaukee Screw Products Co. 166,844; Apr. 17; Serial No. 168,778; published Jan. 23, 1923.
Piston rods. A. L. Stout & Co. 170,270; July 10; Serial No. 174,345; published Apr. 17, 1923.
Pistons. Berguson-Skinner Corporation. 173,420; Sept. 25; Serial No. 156,248; published June 26, 1923.
Pistons. W. H. Jahns. 164,572; Feb. 20.
Pistons. Kant-Skore Piston Company. 166,980; Apr. 17.
Pistons. Kant-Skore Piston Company. 174,737; Oct. 23; Serial No. 152,207; published May 16, 1922.
Pistons. Maxwell Motor Corporation. 174,988; Oct. 30; Serial No. 174,212; published Aug. 7, 1923.
Pistons, Motor. Muskegon Motor Specialties Company. 173,747; Oct. 2; Serial No. 177,749; published June 12, 1923.
Pistons for internal-combustion engines. Clark-Turner Piston Company. 164,568; Feb. 20.
Pistons, piston pins, and shafts for automobile motors, etc. H. E. Pence. 166,411; Apr. 3; Serial No. 166,850; published Jan. 2, 1923.
Planers. Cincinnati Planer Company. 168,841; May 29; Serial No. 170,752; published Feb. 27, 1923.
Planers, boring, milling, and drilling machines, hydraulic presses, etc. Consolidated Steel Corporation. 169,265; June 12; Serial No. 155,487; published Mar. 20, 1923.
Planers, lathes, and drilling machines. Niles-Bement-Pond Company. 171,804; Aug. 14; Serial No. 177,017; published May 22, 1923.
Planters, Corn. Sheffield Mfg. Co. 163,883; Feb. 6.
Pliers. H. D. Neff. 171,668; Aug. 7.
Pliers. Peck, Stow & Wilcox Co. 168,150; May 15; Serial No. 172,613; published Feb. 27, 1923.
Pliers and wrenches. Allan-Diffenbaugh Wrench & Tool Co. 174,308; Oct. 9.
Plows. H. Ferguson. 175,186; Oct. 30; Serial No. 175,778; published Aug. 7, 1923.
Plows, landsides, points, moldboards, and standards. Standard Chilled Castings Corporation. 164,123; Feb. 13.
Plows, plowshares, mold boards, plowpoints, landsides, etc. Bucher & Gibbs Plow Company. 168,136; May 15; Serial No. 170,473; published Jan. 9, 1923.
Plows, plowshares, moldboards, plowpoints, landsides, etc. Bucher & Gibbs Plow Company. 168,829; May 29; Serial No. 170,472; published Jan. 9, 1923.

Classified list of trade-marks registered—Continued.

Plowshares, plows, cultivators, corn planters, disk harrows. Sears, Roebuck and Co. 169,322; June 12; Serial No. 175,109; published Mar. 20, 1923.
Pocketknives. Bassett Jewelry Co. 174,915; Oct. 23.
Pocketknives. F. Biffar. 173,521; Sept. 25.
Pocketknives. Fairfield Manufacturing Company. 168,989; May 29.
Pocketknives. Winchester Repeating Arms Co. 170,780; July 24; Serial No. 175,693; published May 29, 1923.
Pocketknives, penknives, dirks, razors, and ink erasers. Novelty Cutlery Company. 166,843; Apr. 17; Serial No. 168,781; published Jan. 23, 1923.
Polishing and grinding heads. Goodell-Pratt Company. 172,699; Sept. 11; Serial No. 176,825; published May 29, 1923.
Pop-corn machines. J. Marfisi. 165,007; Feb. 27.
Postmarking and stamping machines. Pitney-Bowes Postage Meter Co. 164,573; Feb. 20.
Pressing, grinding, elevating, etc., machinery. Sutcliffe, Speakman and Company. 166,235; Mar. 27; Serial No. 165,317; published Dec. 5, 1922.
Presses, axle lathes, boring and turning mills, etc., Hydraulic. Niles Tool Works Company. 170,336; July 10.
Presses or balers, Hay. Chattanooga Implement & Mfg. Co. 163,931; Feb. 6.
Presses, Power screw. Zeh & Hahnemann Co. 163,682; Jan. 23.
Pressure systems, pumps, and fluid-pressure motors, explosive engines, and parts thereof, Pneumatic. Duro Pump & Manufacturing Company. 166,416; Apr. 3; Serial No. 171,630; published Jan. 2, 1923.
Printers' and bookbinders' supplies. Hamilton Manufacturing Company. 168,238; May 15; Serial No. 167,043; published Feb. 13, 1923.
Printing presses and parts thereof. Chandler & Price Company. 166,810; Apr. 17; Serial No. 167,801; published Jan. 23, 1923.
Printing presses and sheet feeders. American Type Foundry Co. 166,321; Mar. 27.
Printing presses, lithographic presses, etc., Rollers for. Ideal Roller & Manufacturing Co. 170,010; July 10; Serial No. 172,678; published Apr. 3, 1923.
Printing presses, Perfecting. Duplex Printing Press Company. 23,192; renewed June 6, 1923.
Pulleys, Fillers for power-transmission. Rockwood Manufacturing Company. 177,514; Dec. 18; Serial No. 163,113; published Oct. 2, 1923.
Pulleys, Power-transmission. Rockwood Manufacturing Company. 164,077; Feb. 13.
Pulleys, Power-transmission. Rockwood Manufacturing Company. 164,093; Feb. 13.
Pulleys, Power-transmission. Rockwood Manufacturing Company. 164,099; Feb. 13.
Pulleys, Power-transmission. Rockwood Manufacturing Company. 174,153; Oct. 2.
Pump coupling. J. J. O'Brien. 171,803; Aug. 14; Serial No. 176,757; published May 8, 1923.
Pump outfits, parts, and fittings thereof. Cleveland Steel Barrel Company. 170,472; July 17; Serial No. 171,063; published Apr. 17, 1923.
Pumping apparatus. Allen Hydrostatic Pump Syndicate Ltd. 171,869; Aug. 14; Serial No. 174,191; published May 15, 1923.
Pumping equipment and water systems. Fort Wayne Engineering & Manufacturing Co. 166,819; Apr. 17; Serial No. 166,942; published Jan. 23, 1923.
Pumping machinery, pumps, apparatus for raising and forcing liquids, etc. Worthington Pump and Machinery Corporation. 166,717; Apr. 10; Serial No. 149,610; published Jan. 23, 1923.
Pumps. Consolidated Accessories Manufacturers Corporation. 166,654; Apr. 10; Serial No. 149,214; published Jan. 9, 1923.
Pumps. F. E. Myers & Bro. Co. 171,764; Aug. 14; Serial No. 158,784; published May 8, 1923.
Pumps and agitators and thickeners, etc., for separating solids from liquids. Dorr Company. 168,153; May 15; Serial No. 173,128; published Feb. 27, 1923.
Pumps and parts therefor, Air. Coleman Lamp Co. 166,962; Apr. 17.
Pumps, Air-pressure. Coleman Lamp Company. 165,940–1; Mar. 20.
Pumps, digesters, Autoclaves, macerators, etc. Oliver-Sherwood Co. 166,090; Mar. 27. Serial No. 164,256; published Dec. 5, 1922.
Pumps, including hydraulic rams. Deming Company. 172,789; Sept. 11; Serial No. 175,923; published June 5, 1923.
Pumps. Unchokeable Pump, Limited. 173,935; Oct. 2; Serial No. 177,252; published July 10, 1923.
Pumps used in handling acids, feeding boilers, etc. Vogt Brothers Mfg. Co. 163,788; Jan. 30.
Punching tools and dies, Metal-. Whitney Metal Tool Company. 172,425; Aug. 28; Serial No. 175,586; published May 29, 1923.
Radius tools and knurling tools for holders. A. Sheberashenko. 166,503; Apr. 3; Serial No. 162,954; published Jan. 2, 1923.
Rakes, Bamboo. I. Tsuchiya. 168,156; May 15; Serial No. 173,308; published Feb. 27, 1923.
Razor and razor blades. Tru-Way Razor Company. 166,804; Apr. 17; Serial No. 166,228; published Jan. 23, 1923.
Razor-blade-stropping holders. Kwik-Edge Stropper Co. 174,970; Oct. 30; Serial No. 158,129; published Aug. 14, 1923.
Razor-blade-stropping holders. Sure Edge Stropper Company. 171,870; Aug. 14; Serial No. 174,187; published May 1, 1923.
Razor-blade-stropping holders, Safety-. R. T. Parker. 168,269; May 15; Serial No. 167,924; published Feb. 13, 1923.
Razor blades. Sandvikstahl G. m. b. H. 172,820; Sept. 11; Serial No. 171,243; published June 5, 1923.
Razor blades during sharpening, Holders for. Parker Products, Inc. 175,587; Nov. 6; Serial No. 180,027; published Aug. 14, 1923.
Razor blades, Manual holder for. Greist Mfg. Company. 168,917; May 29; Serial No. 152,748; published Mar. 6, 1923.
Razor blades, Safety-. Gillette Safety Razor Company. 164,884; Feb. 27.
Razor sets. American Safety Razor Corporation. 176,673; Nov. 27; Serial No. 182,493; published Sept. 11, 1923.
Razor sets, Safety. Gem Safety Razor Corporation. 175,666; Nov. 6.
Razors. Arrowhead Trading Corporation. 168,892; May 29; Serial No. 169,471; published Mar. 6, 1923.
Razors. J. A. Henckels. 164,886; Feb. 27.
Razors. Max Klaas Corporation. 163,933; Feb. 6.
Razors. M. Schmidt. 166,830; Apr. 17; Serial No. 170,792; published Jan. 23, 1923.
Razors. Union Cutlery Co. 170,298; July 10; Serial No. 175,033; published Apr. 17, 1923.
Razors and blades, safety-razor-blade-stropping machines, Safety. Newmarket Trading Company. 175,970; Nov. 13; Serial No. 161,332; published Oct. 31, 1922.
Razors and blades thereof, Safety. J. A. D. Watt. 172,828; Sept. 11; Serial No. 166,758; published June 5, 1923.
Razors and razor blades. American Safety Razor Corporation. 177,377; Dec. 18; Serial No. 181,101; published Oct. 2, 1923.
Razors and safety-razor blades, Safety. I. Eklund. 164,843; Feb. 27.
Razors and scissors. Adolph Kastor & Bros. 166,651; Apr. 10; Serial No. 159,972; published May 9, 1922.
Razors and scissors. Wester Bros. 166,646; Apr. 10; Serial No. 165,104; published Jan. 23, 1923.
Razors and scissors. A. Wingen, jr. 168,126; May 15; Serial No. 160,169; published Feb. 27, 1923.
Razors, clippers, scissors, tools, and parts thereof. M. Jung. 168,652; May 29; Serial No. 165,794; published Feb. 27, 1923.
Razors, hair clippers, etc. Max Dörner G. m. b. H. 168,905; May 29; Serial No. 164,803; published Mar. 6, 1923.
Razors, knives, shears, and tools. Wm. Langbein & Bros. 168,902; May 29; Serial No. 166,528; published Mar. 6, 1923.
Razors, pocketknives, and scissors. Union Cutlery Co. 169,258; June 12; Serial No. 171,714; published Mar. 20, 1923.
Razors, safety razors, mechanical strops, etc. Gebr. Korte Stahlwarenfabrik. 168,163–5; May 15; Serial Nos. 165,945–7; published Feb. 27, 1923.
Razors, scissors, shears, hair clippers, etc. E. Engels. 164,888; Feb. 27.
Razors, shears, scissors, pocketknives, and butcher knives. Rosenbaum & Mogal. 164,842; Feb. 27.
Reamers. Frank O. Wells Company. 169,009; May 29.
Reamers. Moback Tool & Machine Manufacturing Corporation. 166,033; Mar. 27; Serial No. 167,311; published Dec. 5, 1922.
Reamers and groove cleaners. Vodoe-Peterson Company. 168,217; May 15; Serial No. 172,454; published Feb. 27, 1923.
Reamers, Expansion. Millersburg Reamer & Tool Co. 177,825; Dec. 25.
Revivifying kieselguhr, apparatus for producing charcoal, fish-meal apparatus, and sirup clarifiers, Apparatus for. Stanley Hiller, Inc. 171,836; Aug. 14; Serial No. 171,713; published May 8, 1923.
Rim and tire tools. Marquette Manufacturing Company. 169,353; June 12; Serial No. 172,049; published Mar. 27, 1923.
Rim tools. W. T. Kennedy. 175,667; Nov. 6.
Rings and rolled shells for crushers. Standard Steel Works Company. 166,037; Mar. 27; Serial No. 167,738; published Dec. 5, 1922.
Rings, Spinning and twister. Whitinsville Spinning Ring Company. 164,069; Feb. 13.
Road-building machinery, metal-working equipment, etc. Little Giant Company. 173,252; Sept. 18; Serial No. 159,210; published June 19, 1923.
Roasters and parts and supplies for same. Jabez Burns & Sons. 174,160; Oct. 9; Serial No. 180,325; published July 17, 1923.
Roller skins, Leather. John Ormerod & Sons Ltd. 175,185; Oct. 30; Serial No. 181,144; published Aug. 7, 1923.
Rollers, tandem and macadam rollers, gasoline and macadam rollers, etc., Steam. Barber Asphalt Company. 163,908; Feb. 6.

Classified list of trade-marks registered—Continued.

Rubber-covered rolls for paper mills, tanneries, bleacheries, etc. Stowe & Woodward Company. 174,893; Oct. 23; Serial No. 178,198; published July 31, 1923.

Rubber pads for use in the textile and other industries. Fellsway Rubber Co. 173,739; Oct. 2; Serial No. 178,337; published June 12, 1923.

Sand-blast apparatus and parts thereof and accessories therefor. Hoevel Manufacturing Corporation. 174,993; Oct. 30; Serial No. 173,234; published Aug. 7, 1923.

Saw blades. Aktiebolaget Lidköpings Sågbladsfabrik. 163,909; Feb. 6.

Saws. E. F. Goldberg. 175,319; Nov. 6; Serial No. 180,977; published Aug. 21, 1923.

Saws. Simonds Saw and Steel Company. 172,313–14; Aug. 28; Serial Nos. 175,957–8; published May 29, 1923.

Saws. Simonds Saw and Steel Company. 172,316; Aug. 28; Serial No. 176,000; published May 29, 1923.

Saws. Southern Saw Works. 171,763; Aug. 14; Serial No. 159,538; published May 1, 1923.

Saws, Hack. The B-X Saw Co. 174,611; Oct. 23; Serial No. 179,843; published July 24, 1923.

Saws, Hack. Darwin & Milner, Inc. 166,681–2; Apr. 10; Serial Nos. 169,536–7; published Jan. 9, 1923.

Saws, hammers, sledges, etc. Sandvikens Jernverks Aktiebolag. 174,071; Oct. 2; Serial No. 178,571; published July 3, 1923.

Saws, hammers, sledges, etc. Sandvikens Jernverks Aktiebolag. 174,077; Oct. 2; Serial No. 178,872; published July 3, 1923.

Scissors. N. C. Toops. 176,625; Nov. 27; Serial No. 162,218; published Sept. 18, 1923.

Scissors and pocketknives. J. Richter. 170,159; July 10; Serial No. 169,517; published Apr. 10, 1923.

Scissors, shears, and pocketknives. Marshall Field & Company. 174,851; Oct. 23; Serial No. 177,371; published July 31, 1923.

Scissors, shears, razor blades, pocket, etc., knives. K. C. Seelbach Company. 168,725; May 29; Serial No. 171,819; published Feb. 27, 1923.

Scoops, shovels, and steel chutes. H. B. Sackett Screen & Chute Company. 170,018; July 10; Serial No. 172,443; published Apr. 10, 1923.

Screen scratcher and rubber. M. L. Crawford. 173,920; Oct. 2; Serial No. 173,813; published July 3, 1923.

Screw drivers. Dolman Manufacturing Company. 176,082; Nov. 13.

Screw drivers. H. D. Smith & Company. 168,967; May 29; Serial No. 170,903; published Mar. 6, 1923.

Screw drivers. Snap-On Wrench Company. 174,798; Oct. 23; Serial No. 180,776; published July 31, 1923.

Screw drivers, wrenches, and wrench sets. Viking Specialty Company. 174,960; Oct. 30; Serial No. 160,570; published Aug. 7, 1923.

Seeding implements. American Seeding Machine Company. 175,035; Oct. 30; Serial No. 178,654; published Aug. 7, 1923.

Sewing machines. Standard Sewing Machine Company. 23,160; renewed May 30, 1923.

Sewing machines. White Sewing Machine Company. 22,957; renewed May 2, 1923.

Sewing machines and attachments. Firm of John Wanamaker. 23,926; renewed Dec. 12, 1923.

Sewing machines, Straw-. Durbrow & Hearne. 169,324; June 12; Serial No. 174,823; published Mar. 20, 1923.

Sewing machines, Straw-. Durbrow & Hearne. 169,325; June 12; Serial No. 174,821; published Mar. 20, 1923.

Shaft hangers and collars, friction clutches, clutch couplings, etc. Bond Foundry and Machine Company. 163,651; Jan. 23.

Sharpeners, Knife or shear. M. G. Goff. 164,966; Feb. 27.

Sharpening machines, Knife and edge-tool. Ace Hardware Manufacturing Corporation. 173,207; Sept. 18; Serial No. 172,314; published June 12, 1923.

Shears and scissors. Acme Shear Company. 171,683; Aug. 7.

Shears and scissors. Atlas Shear Co. 174,723; Oct. 23; Serial No. 174,281; published July 24, 1923.

Shears, scissors, and tinners' snips. W. H. Compton Shear Company. 166,324; Mar. 27.

Sheet metal, Machines for cutting. Andrew C. Campbell, Incorporated. 171,567; Aug. 7; Serial No. 173,912; published May 1, 1923.

Shoe-repairing machines and tire or vulcanizing machinery. American Shoe Machinery and Tool Company. 167,967; May 8.

Shovels. Pittsburgh Shovel Company. 163,991; Feb. 6.

Shovels and spades. John Dunn & Co. 171,652; Aug. 7.

Shovels, drag-line excavators, etc., Power. Bucyrus Company. 168,961; May 29; Serial No. 171,443; published Mar. 6, 1923.

Shovels, dredges, dragline excavators, orange-peel- excavators, etc., Excavating. Marion Steam Shovel Co. 163,862; Jan. 30.

Shovels, Dust. Bug Dust Shovel Co. 176,793; Nov. 27.

Shovels, scoops, spades, posthole diggers, and wooden handles. Baldwin Tool Works. 167,230; Apr. 24; Serial No. 166,644; published Jan. 30, 1923.

Shovels, spades, and scoops. Ames Shovel & Tool Company. 166,833; Apr. 17; Serial No. 170,348; published Jan. 9, 1923.

Shovels, spades, and scoops. Ames Shovel & Tool Company. 170,042; July 10; Serial No. 174,986; published Apr. 17, 1923.

Shovels, spades, scoops, etc. Baldwin Tool Works 164,501; Feb. 20.

Shovels, spades, scoopes, etc. Baldwin Tool Works. 164,609–10; Feb. 20.

Shovels, spades, scoops, etc. Baldwin Tool Works. 174,760; Oct. 23; Serial No. 166,636; published Aug. 7, 1923.

Shovels, spades, scoops, etc. Baldwin Tool Works. 176,518; Nov. 27; Serial No. 166,638; published Sept. 11, 1923.

Shovels, spades, scoops, posthole diggers, and wooden handles. Baldwin Tool Works. 164,582; Feb. 20.

Shovels, spades, scoops, posthole diggers, and wooden handles. Baldwin Tool Works. 173,433; Sept. 25; Serial No. 166,655; published Jan. 23, 1923.

Signal and direction-indicating device, Vacuum-operated mechanical stop. Automobile Appliances Co. 169,252; June 12; Serial No. 170,923; published Mar. 20, 1923.

Soldering coppers, punches, chisels, etc. F. O. Schoedinger. 174,673; Oct. 23; Serial No. 172,182; published July 24, 1923.

Soldering irons. Justrite Manufacturing Company. 165,010; Feb. 27.

Spades, Diamond-pointed. Terre Haute Shovel & Tool Co. 23,409; renewed July 25, 1923.

Speed reducers, shaft couplings, friction clutches, hoists, etc. Palmer-Bee Company. 172,318; Aug. 28; Serial No. 176,359; published May 29, 1923.

Spray booms. Field Force Pump Co. 166,317; Mar. 27.

Sprayers for spraying vegetation. Ferguson Manufacturing Company. 172,306; Aug. 28; Serial No. 175,479; published May 29, 1923.

Spraying machines for applying paints, varnishes, hose cleaners, etc., Compressed-air. De Vilbiss Manufacturing Co. 166,404; Apr. 3; Serial No. 161,177; published Jan. 2, 1923.

Stackers, Wind. Indiana Manufacturing Company. 166,119; Mar. 27; Serial No. 152,014; published Dec. 5, 1922.

Steam generators. Babcock & Wilcox Company. 23,692; renewed Oct. 10, 1923.

Steel drivers, pipe and nut wrenches, drilling posts, etc. Keystone Manufacturing Co. 166,836; Apr. 17; Serial No. 169,716; published Jan. 9, 1923.

Steel, steel wire, tools, files, and saws. Peter Stubs Limited. 22,752–3; renewed Apr. 4, 1923.

Straps for use in textile machinery, Draper check. Druid Oak Belting Company. 163,884; Feb. 6.

Stump pullers and winches. K. Pulling Machine Company. 168,684; May 29; Serial No. 169,307; published Feb. 20, 1923.

Sucker rods. S. M. Jones Company. 166,858; Apr. 17; Serial No. 163,874; published Jan. 23, 1923.

Sucker rods. S. M. Jones Company. 173,431; Sept. 25; Serial No. 163,876; published Dec. 19, 1922.

Sucker rods. Marion Machine, Foundry & Supply Co. 163,662; Jan. 23.

Sugar machinery. Bahmann Iron Works Company. 163,869; Feb. 6.

Sweepers, Carpet. Scott & Fetzer Company 169,917; July 3.

Swords, sabers, cutlasses, rapiers, etc. Lauterjung & Sohn. 165,600; Mar. 13; Serial No. 125,390; published Sept. 19, 1922.

Tappets and poppet valves for explosion engines. Wilcox Motor Parts & Manufacturing Company. 171,569; Aug. 7; Serial No. 173,546; published May 1, 1923.

Tapping chucks and attachments, tap holders. W. L. Procunier. 175,672; Nov. 6.

Taps and dies. Frank O. Wells Company. 169,007; May 29.

Thrashers. Avery Company. 166,030; Mar. 27; Serial No. 167,157; published Dec. 5, 1922.

Thrashing machines. Wood Brothers Thresher Company. 175,328; Nov. 6; Serial No. 180,350; published Aug. 14, 1923.

Tillers. Scientific Farming Machinery Company. 170,437; July 17; Serial No. 171,660; published Mar. 13, 1923.

Tire pumps, slip-on connection for tire pumps, and air chucks. F. I. Jaden. 176,469; Nov. 27; Serial No. 181,282; published Sept. 18, 1923.

Tongs, Beaker. Eimer & Amend. 169,870; July 3; Serial No. 174,691; published Apr. 10, 1923.

Tool handles. Hartwell Brothers. 176,653; Nov. 27; Serial No. 182,913; published Sept. 18, 1923.

Tool handles. Hartwell Brothers. 176,655; Nov. 27; Serial No. 182,912; published Sept. 18, 1923.

Tool handles. Hartwell Brothers. 176,657; Nov. 27; Serial No. 182,911; published Sept. 18, 1923.

Tool handles. Hartwell Brothers. 176,663; Nov. 27; Serial No. 182,915; published Sept. 18, 1923.

Tools. Alvord Reamer & Tool Co. 165,509; Mar. 13; Serial No. 165,108; published Dec. 19, 1922.

Tools. Canton Forge & Axle Company. 174,639; Oct. 23; Serial No. 181,059; published July 31, 1923.

Tools adapted for general use. L. Wise. 168,671; May 29; Serial No. 151,968; published Feb. 27, 1923.

Tools, agricultural implements, Carpenters'. Markt & Hammacher Company. 170,476; July 17; Serial No. 172,233; published Apr. 17, 1923.

Tools and appliances for automotive vehicles, etc. L. Schwab. 175,375; Nov. 6; Serial No. 168,806; published Aug. 21, 1923.
Tools and appliances for automotive vehicles, etc. L. Schwab. 175,756; Nov. 13; Serial No. 168,857; published Aug. 28, 1923.
Tools for kitchen use. J. P. McBride. 172,424; Aug. 28; Serial No. 175,364; published May 29, 1923.
Tools, Machinist. Truth Tool Co. 164,890; Feb. 27.
Tools, Metal-working small. Cleveland Twist Drill Company. 168,219; May 15; Serial No. 172,321; published Feb. 27, 1923.
Tools, Metal-working small. Cleveland Twist Drill Company. 169,822; July 3; Serial No. 174,358; published Apr. 10, 1923.
Tools, Percussive. Sullivan Machinery Company. 166,031; Mar. 27; Serial No. 167,202; published Dec. 5, 1922.
Track switches, switch stands, switch plates, and parts thereof. Ramapo Ajax Corporation. 173,737; Oct. 2; Serial No. 178,357; published June 12, 1923.
Tractors. Clark Tructractor Company. 166,312–13; Mar. 27.
Tractors. Clark Tructractor Company. 169,868; July 3; Serial No. 175,135; published Apr. 10, 1923.
Tractors and attachments and parts thereof. International Harvester Company. 170,553; July 17; Serial No. 173,649; published Apr. 17, 1923.
Tractors, cultivators, and sulky plows. Central Tractor Company. 176,046; Nov. 13; Serial No. 180,748; published Sept. 4, 1923.
Tractors, Gas, gasoline, oil, and steam. G. F. H. Corporation. 167,266; Apr. 24; Serial No. 152,919; published Feb. 6, 1923.
Tractors, Motor-driven farm. Marvel Tractor Co. 171,720; Aug. 14; Serial No. 142,798; published May 22, 1923.
Tractors, Sawing attachments for. O. W. Johnson. 169,362; June 12; Serial No. 175,147; published Mar. 20, 1923.
Tractors, traction engines, harvesters, etc. Holt Manufacturing Company. 168,937; May 29; Serial No. 173,234; published Mar. 6, 1923.
Transmission or crank casing parts. Hudson Motor Specialties Company. 174,104; Oct. 2; Serial No. 158,677; published July 3, 1923.
Travelers, Ring and twister. National Ring Traveler Co. 167,249; Apr. 24; Serial No. 170,779; published Jan. 30, 1923.
Trowels. Henry Disston & Sons, Incorporated. 164,075; Feb. 13.
Tube carrier systems and parts thereof, Pneumatic-. Standard Carrier Company. 168,923; May 29; Serial No. 143,711; published Mar. 13, 1923.
Turbines and reduction gears. Kerr Turbine Co. 173,928; Oct. 2; Serial No. 177,978; published July 10, 1923.
Turbines, reduction gears, etc., Steam. Moore Steam Turbine Corporation. 177,831; Dec. 25.
Typewriter-operating machines, etc. Hooven Automatic Typewriter Corporation. 163,900; Feb. 6.
Typewriting machines and parts thereof. Regal Typewriter Company. 165,510; Mar. 13; Serial No. 165,089; published Dec. 5, 1922.
Typewriting machines and parts thereof and mechanical copying machines. Fabrik Stolzenberg Deutsche Bureau-Einrichtungs-Gesellschaft mit beschränkter Haftung. 172,819; Sept. 11; Serial No. 171,988; published June 5, 1923.
Typewriting machines and typewriting-machine parts. Underwood Typewriter Company. 167,706; May 8; Serial No. 157,642; published Feb. 20, 1923.
Valve grinders. Goodell-Pratt Company. 172,700; Sept. 11; Serial No. 176,824; published May 29, 1923.
Valves, Poppet. Fansteel Products Company. 176,659; Nov. 27; Serial No. 182,965; published Sept. 11, 1923.
Valves, Poppet. Fansteel Products Company. 176,661; Nov. 27; Serial No. 182,964; published Sept. 11, 1923.
Valves, Poppet. Toledo Steel Products Co. 170,471; July 17; Serial No. 168,991; published Apr. 17, 1923.
Vegetable-paring machines. Kools Manufacturing Company. 175,048; Oct. 30; Serial No. 179,605; published Aug. 14, 1923.
Vehicle accelerators, Motor-. Williams Bros. Aircraft Corporation. 173,687; Oct. 2; Serial No. 177,579; published June 12, 1923.
Vehicles, Gear shifts and parts thereof for motor. J. R. Flannery. 171,108; July 31; Serial No. 174,566; published Apr. 24, 1923.
Vehicles, Transmission equipments for motor. G. S. Hollister. 164,935; Feb. 27.
Vehicles, Vacuum feed systems for motor. Byrne, Kingston & Co. 171,896; Aug. 14; Serial No. 171,724; published May 15, 1923.
Vehicles, Visible traffic signals for motor. L. R. McDevitt. 169,914; July 3.
Vending machines, Coin-controlled. O. D. Jennings and Company. 171,506; Aug. 7; Serial No. 168,719; published Apr. 3, 1923.
Vises and parts of vises. Charles Parker Company 163,885; Feb. 6.
Vises, Bench. Goodell-Pratt Company. 172,701; Sept. 11; Serial No. 176,737; published May 29, 1923.
Vises, bit braces, breast drills, planes, and parts thereof, etc. Stanley Works. 177,405; Dec. 18; Serial No. 179,432; published Oct. 2, 1923.
Vises, bit braces, planes, nail sets, etc. Stanley Works. 168,225; May 15; Serial No. 172,065; published Feb. 20, 1923.
Vises, bit braces, planes, nail sets, hammers, etc. Stanley Works. 168,149; May 15; Serial No. 172,562; published Feb. 20, 1923.
Wagon loaders, clamshell buckets, and portable belt conveyers. George Haiss Manufacturing Company. 166,099; Mar. 27; Serial No. 164,806; published Dec. 5, 1922.
Washing dishes and metal articles, Machines for. G. S. Blakeslee & Co. 167,989; May 8.
Washing machines for the washing of dishes, bottles, etc. Faspray Corporation.. 168,440; May 22; Serial No. 170,974; published Feb. 20, 1923.
Waste-saving machinery and apparatus. Stanley Hiller, Inc. 172,446; Aug. 28; Serial No. 171,712; published May 29, 1923.
Watch crystals, Machines for applying. Germanow-Simon Machine Co. 168,176; May 15; Serial No. 169,632; published Feb. 13, 1923.
Water pumping and supply systems and apparatus therefor, Pneumatic. Milwaukee Air Power Pump Company. 174,295–6; Oct. 9.
Water softening and purifying apparatus. Wm. B. Scaife & Sons Company. 164,570; Feb. 20.
Water-supply system, Automatic pneumatic. W. E. Dickey. 173,925; Oct. 2; Serial No. 178,433; published July 10, 1923.
Water wheels. J. B. Campbell. 176,043; Nov. 13; Serial No. 180,046; published Sept. 4, 1923.
Well packers, plugs, tubing catchers, pipe wrenches, underreamers, etc. Guiberson Corporation. 163,881; Feb. 6.
Wheel dressers, Emery-. G. McConnell. 169,239; June 12; Serial No. 172,279; published Mar. 20, 1923.
Wheels, Traction. Buckeye Traction Ditcher Co. 171,590; Aug. 7; Serial No. 175,843; published May 1, 1923.
Whistles, Power. H. Freund. 173,696; Oct. 2; Serial No. 177,289; published June 19, 1923.
Whistles, Steam. J. Kropacz. 168,580; May 29; Serial No. 162,934; published Feb. 20, 1923.
Windmills. Stover Manufacturing & Engine Co. 163,877; Feb. 6.
Windmills, combustion engines, feed-grinding mills, pump jacks, etc. Stover Manufacturing & Engine Co. 164,503; Feb. 20.
Windmills, gasoline engines, windmill pumps, siphon pumps, etc. Challenge Company. 172,799; Sept. 11; Serial No. 174,724; published June 5, 1923.
Wood and metal working machines, tools, and supplies. P. Pryibil Machine Company. 165,545; Mar. 13; Serial No. 160,720; published Dec. 19, 1922.
Wood and metal working machines, tools, and supplies. P. Pryibil Machine Company. 166,402; Apr. 3; Serial No. 160,719; published Jan. 2, 1923.
Woodworking machine. American Woodworking Machinery Company. 171,661; Aug. 7.
Woodworking machines, Combination. Hutchinson Manufacturing Co. 169,856; July 3; Serial No. 172,094; published Apr. 10, 1923.
Wrenches. Becklin Wrench Company. 175,256; Oct. 30.
Wrenches. Y. M. Bledsoe. 176,553; Nov. 27; Serial No. 183,187; published Sept. 11, 1923.
Wrenches. Bonney Forge & Tool Works. 169,360; June 12; Serial No. 172,633; published Mar. 27, 1923.
Wrenches. Gellman Wrench Corporation. 170,266; July 10; Serial No. 174,896; published Apr. 17, 1923.
Wrenches. W. M. Lawrence. 171,724; Aug. 14; Serial No. 170,721; published May 8, 1923.
Wrenches. M. W. Robinson Co. 164,345; Feb. 20.
Wrenches. Sire & Petersen Wrench Co. 175,602; Nov. 6; Serial No. 178,775; published Aug. 21, 1923.
Wrenches. F. L. Smithe Machine Company. 166,679; Apr. 10; Serial No. 170,098; published Jan. 9, 1923.
Wrenches and parts thereof. Henry & Allen. 176,557; Nov. 27; Serial No. 183,034; published Sept. 11, 1923.
Wrenches, hammers, pliers, and pincers, Mechanics'. Bangert Improved Tool Co. 169,262; June 12; Serial No. 158,073; published Mar. 20, 1923.
Wrenches, Pipe. J. H. Williams & Co. 168,223; May 15; Serial No. 172,249; published Feb. 20, 1923.
Wrenches, pliers, hammers, etc. Herbrand Company. 168,970; May 29; Serial No. 170,649; published Mar. 6, 1923.
Wrenches, pliers, hammers, etc. Herbrand Company. 173,303; Sept. 18; Serial No. 179,729; published June 19, 1923.
Wrenches, Socket. Walden-Worcester Inc. 169,057; June 5; Serial No. 171,344; published Mar. 6, 1923.
Wrenches, Tappet. Bonney Forge & Tool Works. 171,873; Aug. 14; Serial No. 173,993; published May 15, 1923.

CLASS 24.

Boilers, Wash. Enterprise Tinware Co. 163,848; Jan. 30.
Boilers, Wash. M. Kamenstein. 164,924; Feb. 27.
Clothes racks. Frank L. Pollard Co. Inc. 167,902; May 8; Serial No. 169,374; published Feb. 6, 1923.

Classified list of trade-marks registered—Continued.

Clothes-supporting racks. F. W. Hennessy. 171,069; July 31; Serial No. 172,836; published Apr. 24, 1923.
Clothes-washing machines. Maples Manufacturing Company. 164,947; Feb. 27.
Clothes-washing machines and clothes wringers. Champion Appliance Manufacturing Company. 174,835; Oct. 23; Serial No. 176,399; published June 12, 1923.
Clothes wringers. American Wringer Company. 23,635; renewed Sept. 19, 1923.
Clothes wringers. Bissell Carpet Sweeper Company. 23,054; renewed May 16, 1923.
Clothes wringers and driers. American Wringer Company. 23,636; renewed Sept. 19, 1923.
Driers, Clothes. Hill Clothes Dryer Co. 175,918; Nov. 13; Serial No. 180,282; published Sept. 4, 1923.
Ironing boards. I. G. Bailhache. 173,528; Sept. 25.
Ironing boards. J. A. Williams. 163,681; Jan. 23.
Ironing boards and stands and drying racks. Udell Works. 167,945; May 8; Serial No. 169,610; published Feb. 13, 1923.
Ironing machines. Troy Laundry Machinery Co. 164,132; Feb. 13.
Ironing machines, Laundry. Utensils Company. 169,529; June 19; Serial No. 165,612; published Mar. 27, 1923.
Laundry bags. Fry Bros. Company. 175,920; Nov. 13; Serial No. 180,277; published Sept. 4, 1923.
Laundry drier, Heated-cabinet. Williamson Heater Company. 169,313; June 12; Serial No. 169,461; published Feb. 27, 1923.
Laundry driers, Heated cabinet. Williamson Heater Company. 177,667; Dec. 25; Serial No. 180,821; published Oct. 9, 1923.
Laundry driers, Heated cabinet. Williamson Heater Company. 177,672; Dec. 25; Serial No. 180,730; published Oct. 9, 1923.
Laundry nets or bags. Alden Speare's Sons Co. 177,745; Dec. 25; Serial No. 180,306; published Oct. 9, 1923.
Laundry washing machine. Ottenad-Plochman Manufacturing Company. 165,006; Feb. 27.
Laundry washing machines. The Fair. 169,951; July 10; Serial No. 174,614; published Apr. 3, 1923.
Mangles. Sperlich and Uhlig Company. 171,075; July 31; Serial No. 170,222; published Apr. 24, 1923.
Nets, Laundry. Pendleton Manufacturing Company. 166,594–5; Apr. 10; Serial Nos. 163,238–9; Dec. 26, 1922.
Pressing machines for clothes, Steam. W. Goldman. 176,889; Dec. 4.
Ribbon steamers. J. D. Horton. 165,317; Mar. 6; Serial No. 167,618; published Nov. 28, 1922.
Sadirons. Colebrookdale Iron Company. 164,393; Feb. 20.
Sadirons. Monitor Sad Iron Company. 165,332; Mar. 6; Serial No. 156,701; published Nov. 7, 1922.
Sadirons and parts thereof, Gasoline. Coleman Lamp Co. 168,012; May 8.
Tubs, Rinsing and bluing. C. S. Todd. 174,703; Oct. 23; Serial No. 176,295; published June 12, 1923.
Washboards. C. E. Williams. 176,787; Nov. 27.
Washboilers. R. Israel. 175,774; Nov. 13; Serial No. 177,439; published Sept. 4, 1923.
Washboilers. M. Kamenstein. 172,630; Sept. 11; Serial No. 145,463; published May 29, 1923.
Washboilers and galvanized washtubs. Schlueter Manufacturing Co. 174,711; Oct. 23; Serial No. 172,904; published June 12, 1923.
Washing and ironing machines. Russ Manufacturing Company. 168,405; May 22; Serial No. 171,472; published Feb. 20, 1923.
Washing and wringing machines, washing machines, ironing machines, and wringers. Apex Electrical Manufacturing Co. 164,962; Feb. 27.
Washing machine. Boss Washing Machine Company. 164,956; Feb. 27.
Washing machines and parts thereof. Air-Way Electric Appliance Corporation. 165,872; Mar. 20.
Washing machines and wringers, Laundry. Central Manufacturing Company. 165,333; Mar. 6; Serial No. 156,885; published Nov. 28.
Washing machines, Electric clothes-. Straus & Schram. 163,540; Jan. 16.
Washing machines, Electrically-driven laundry. Landers, Frary & Clark. 175,917; Nov. 13; Serial No. 180,376; published Sept. 4, 1923.
Washing machinery. George F. Merrell, Inc. 167,798; May 8; Serial No. 163,641; published Feb. 6, 1923.
Washing machines and wringers, Laundry. Marshall-Wells Company. 171,087; July 31; Serial No. 174,211; published Apr. 24, 1923.
Washing machines, Clothes. American Range & Foundry Company. 171,081; July 31; Serial No. 173,552; published Apr. 24, 1923.
Washing machines, Clothes-. Vulcan Manufacturing Company. 170,343; July 10.
Washing machines, Electric clothes-. Savage Arms Corporation. 168,145; May 15; Serial No. 169,694; published Feb. 20, 1923.
Washing machines, Electric laundry. Marshall-Wells Company. 169,576; June 19.
Washing machines, Laundry. James Washing Machine Company. 165,027; Feb. 27.
Wringers. American Wringer Company. 23,011; renewed May 9, 1923.
Wringers and washing machines, Clothes. Dexter Company. 164,995; Feb. 27.
Wringers, Clothes. American Wringer Company. 24,111; renewed Jan. 23, 1924.
Wringers, Clothes. American Wringer Company. 24,114–16; renewed Jan. 23, 1924.

CLASS 25.

Automobile body hardware. Ternstedt Manufacturing Company. 167,214; Apr. 24; Serial No. 163,901; published Jan. 30, 1923.
Automobile lock. R. Huber. 173,250; Sept. 18; Serial No. 160,287; published June 19, 1923.
Automobile locking device. Wright Accessories Corporation. 169,878; July 3; Serial No. 137,984; published Apr. 12, 1921.
Automobile locks and parts thereof. Leland Lock Company. 173,520; Sept. 25.
Automobile radiator-cap lock. M. D. Rathbun. 175,591; Nov. 6; Serial No. 179,284; published Aug. 21, 1923.
Automobile steering-wheel locks. Safelock Co. 174,202; Oct. 9.
Automobiles, Locking steering wheels for. Superior Metal Products Company. 166,738; Apr. 10.
Banks, Portable. Chicago Thrift Company. 169,930; July 3.
Banks, Portable. Chicago Thrift Company. 171,684; Aug. 7.
Banks, Portable savings. Automatic Recording Safe Co. 175,154–5; Oct. 30; Serial Nos. 180,825–6; published Aug. 14, 1923.
Bolts, locks, and bolts, steel mortise, and rim locks, etc., Cremorne and espagnolette. Société P. & A. Picard. 171,766; Aug. 14; Serial No. 158,583; published May 1, 1923.
Door handles, Locking. Bersted Manufacturing Company. 169,904; July 3; Serial No. 171,060; published Apr. 3, 1923.
Locks. American Lock Manufacturing Co. 172,779; Sept. 11; Serial No. 155,292; published June 5, 1923.
Locks. W. Hemingway, jr. 165,005; Feb. 27.
Locks. Miller Lock Company. 167,970; May 8.
Locks, Auto. Williams & Robeschaud. 174,181; Oct. 9; Serial No. 180,570; published July 10, 1923.
Locks, Coin-controlled. Michigan Coin Lock Company. 171,815; Aug. 14; Serial No. 178,350; published May 15, 1923.
Locks, Door. Bassick Company. 173,738; Oct. 2; Serial No. 178,324; published June 12, 1923.
Locks, door and sash bolts. Wm. Cameron & Co 165,565; Mar. 13; Serial No. 157,601; published Dec. 19, 1922.
Money receptacles or portable banks. Bankers Savings and Credit System Company. 168,141; May 15; Serial No. 170,268; published Feb. 27, 1923.
Money receptacles or portable banks, Portable. Bankers Savings & Credit System Company. 165,507–8; Mar. 13; Serial Nos. 165,115–6; published Dec. 19, 1922.
Padlocks and key blanks. Baker, Hamilton and Pacific Company. 175,075; Oct. 30; Serial No. 170,351; published Aug. 7, 1923.
Radiator caps, Locking. General Automotive Corporation. 164,997; Feb. 27.
Robe locks. Universal Products Company. 165,978; Mar. 27; Serial No. 161,159; published Dec. 19, 1922.
Safes. Steelcraft Corporation of America. 174,182; Oct. 9; Serial No. 179,890; published July 10, 1923.
Safes and vaults. Steelcraft Corporation of America. 177,007; Dec. 11; Serial No. 179,889; published Sept. 25, 1923.
Safes, vault doors, locks, and safe-deposit boxes. Diebold Safe & Lock Company. 171,871; Aug. 14; Serial No. 174,127; published May 8, 1923.
Steering-post control and exhaust lock. A. H. Adams. 171,800; Aug. 14; Serial No. 176,435; published May 15, 1923.
Steering wheels and wheel locks, Locking. Eastern Tube & Tool Co. 165,666; Mar. 20; Serial No. 166,737; published Dec. 19, 1922.
Striker plates and locks. Franklin Williams, Inc., of N. J. 167,279; Apr. 24; Serial No. 143,524; published Jan. 30, 1923.
Vehicle wheels, Antitheft locks for motor. G. E. Westberg. 171,805; Aug. 14; Serial No. 177,155; published May 8, 1923.
Woodenware. P. C. Holmquist. 169,272; June 12; Serial No. 151,760; published Feb. 27, 1923.

CLASS 26.

Advertisement-projection machines, Moving-. American Motorsign Company. 172,866; Sept. 11; Serial No. 172,971; published June 5, 1923.
Adding and calculating machines and parts thereof, etc. G. Mez. 174,724–5; Oct. 23; Serial No. 162,938–9; published July 31, 1923.
Ammeters. Tiffany Manufacturing Company. 170,330; July 10.
Arc and electric welding goggles. William C. Adams Co. 172,429; Aug. 28; Serial No. 176,436; published May 29, 1923.

Balances and weighing scales. Christian Becker, Inc. 171,827; Aug. 14; Serial No. 175,597; published May 1, 1923.

Barometers. Taylor Instrument Companies. 174,180; Oct. 9; Serial No. 179,495; published July 10, 1923.

Battery discharge test sets, startometers or starter-testing instruments, etc., Storage. Robert Marcus Co. 166,012; Mar. 27; Serial No. 162,754; published Dec. 5, 1922.

Bottles, Butter-test. J. Hortvet. 175,252; Oct. 30.

Calculating and adding machines. Braunschweiger Rechenmaschinen-Fabrik Rema, m. b. H. 164,965; Feb. 27.

Calculating machine. Lehigh Corporation. 163,661; Jan. 23.

Calculating machines. Marchant Calculating Machine Company. 165,025; Feb. 27.

Calculating machines, Pocket. R. Huber. 175,309; Nov. 6; Serial No. 160,288; published Aug. 21, 1923.

Caliper gauges. Pratt & Whitney Company. 173,107; Oct. 2; Serial No. 164,452; published July 3, 1923.

Camera and film kits, Combination. Ansco Company. 170,162; July 10; Serial No. 169,798; published Apr. 3, 1923.

Cameras. V. C. Ernst. 176,884; Dec. 4; Serial No. 181,480; published Sept. 25, 1923.

Cameras, cinematographic projecting lanterns, stereoscopes, etc. Pathé-Cinéma, Anciens Établissements Pathé Frères. 177,720; Dec. 25; Serial No. 158,442; published Oct. 2, 1923.

Cameras, films, etc. Gevaert Photo Producten. 166,053; Mar. 27; Serial No. 168,411; published Dec. 5, 1922.

Cameras, photographic films, film packs, etc. Gevaert Photo-Producten. 165,667–70; Mar. 20; Serial No. 166,677–80; published Dec. 12, 1922.

Cameras, photographic films on spools, film packs, portrait films, etc. Gevaert Photo Producten. 166,000; Mar. 27; Serial No. 168,410; published Dec. 5, 1922.

Cash registers. American Cash Register Co. 171,831; Aug. 14; Serial No. 175,909; published May 15, 1923.

Cinematographic projectors and cameras, plates for fixed projections, etc. Etablissements Continsouza, Société Anonyme. 167,280; Apr. 24; Serial No. 142,754; published Jan. 30, 1923.

Cloth, Apparatus for testing the fading quality of. Atlas Electric Devices Co. 164,518; Feb. 20.

Clothing models and patterns. M. Levitt. 171,841; Aug. 14; Serial No. 171,224; published May 15, 1923.

Color shades, Apparatus for permitting the matching of. Gillet & Fils. 173,711; Oct. 2; Serial No. 177,181; published June 26, 1923.

Dials for radio apparatus. American Hard Rubber Company. 166,617; Apr. 10; Serial No. 168,093; published Jan. 30, 1923.

Distance between two objects, Apparatus for determining. Wireless Spitzescope Co. 175,054; Oct. 30; Serial No. 179,290; published Aug. 14, 1923.

Dividers, Proportional. Keuffel & Esser Co. 23,640; renewed Sept. 19, 1923.

Drawing instruments and accessories, surveyors' instruments. Spaulding-Moss Company. 176,465; Nov. 27; Serial No. 175,890; published Sept. 18, 1923.

Drawing outfits. Burdette-Murray Company. 164,285; Feb. 20.

Educational appliances. Radio Motion Picture Phon. Corp. 173,927; Oct. 2; Serial No. 178,282; published July 10, 1923.

Electric watt-hour meters. Sewickley Electric Manufacturing Company. 175,340; Nov. 6; Serial No. 171,554; published Feb. 13, 1923.

Electrical instruments and appliances, Dials for. Henry Hyman & Co. 167,254; Apr. 24; Serial No. 169,855; published Feb. 6, 1923.

Electrical maximum recording measuring instruments. Landis & Gyr A.-G. 177,656; Dec. 25; Serial No. 181,693; published Oct. 2, 1923.

Electrical recording measuring instruments. Landis & Gyr A.-G. 177,657; Dec. 25; Serial No. 181,692; published Oct. 2, 1923.

Engines, Attachment for internal-combustion. Wedler-Shuford Company. 168,271; May 15; Serial No. 168,187; published Feb. 13, 1923.

Engines, Temperature-indicating device for gas. Pyrene Manufacturing Co. 172,426; Aug. 28; Serial No. 175,736; published May 29, 1923.

Eyeglasses. Moviglass Company. 172,778; Sept. 11; Serial No. 144,095; published June 5, 1923.

Eyeglasses, Frames, etc., for. Optical Products Corporation. 176,575; Nov. 27; Serial No. 178,184; published Sept. 18, 1923.

Eyeglasses, spectacles, and parts and repairs. Shur-On Optical Co. 165,672; Mar. 20; Serial No. 166,575; published Oct. 24, 1922.

Eyeshades or visors. H. & A. Manufacturing Company. 176,868; Dec. 4; Serial No. 182,052; published Sept. 25, 1923.

Fabrics, Devices for computing and measuring. Yard-O-Meter Corporation. 172,427; Aug. 28; Serial No. 175,904; published May 29, 1923.

Fare recorders and registers, fare boxes and taximeters, etc. Ohmer Fare Register Company. 171,651; Aug. 7.

Film, Sensitized. Eastman Kodak Company. 167,271; Apr. 24; Serial No. 152,122; published Aug. 1, 1922.

Fluid gauges. Mid West Glass Company. 176,924; Dec. 4.

Gasoline and liquid gauges. Marvel Products Company. 172,273; Aug. 28; Serial No. 177,682; published May 29, 1923.

Gauges. C. M. Larson. 174,839; Oct. 23; Serial No. 178,049; published July 31, 1923.

Gauges, Gasoline. Stenco Engineering Company. 168,180; May 15; Serial No. 169,337; published Jan. 2, 1923.

Gauges, Liquid. Akron-Selle Company. 173,256; Sept. 18; Serial No. 157,016; published June 12, 1923.

Gauges, indicators, etc., Fluid-pressure. A. Schrader's Son, Incorporated. 174,164; Oct. 9; Serial No. 180,084; published July 10, 1923.

Gauges, Oil. D. A. Kafka. 174,204; Oct. 9; Serial No. 181,029; published July 10, 1923.

Gauges, plumb bobs, plumbs and levels, etc., Carpenters' and marking. Marshall-Wells Company. 175,038; Oct. 30; Serial No. 178,527; published Aug. 7, 1923.

Gauges, thermometers, etc. American Steam Gauge & Valve Manufacturing Company. 173,417; Sept. 25; Serial No. 154,346; published June 26, 1923.

Glass plates for etching, etc., Coated. Graphoto Company. 174,581; Oct. 23; Serial No. 163,387; published July 24, 1923.

Glassware, Graduated, chemical, and laboratory. Kimble Glass Company. 164,311; Feb. 20.

Glassware, particularly gauge glass. Libbey Glass Manufacturing Co. 174,932; Oct. 30; Serial No. 171,807; published July 24, 1923.

Holding and measuring apparatus for stone, gravel, etc. Erie Steel Construction Company. 173,212; Sept. 18; Serial No. 171,308; published June 19, 1923.

Humidity regulators. Parks-Cramer Company. 177,523; Dec. 18; Serial No. 182,482; published Aug. 28, 1923.

Hydrometers. G. I. Stadeker. 175,841; Nov. 13; Serial No. 181,423; published Aug. 28, 1923.

Hygrometers. Taylor Instrument Companies. 176,633; Nov. 27; Serial No. 163,834; published Sept. 25, 1923.

Laboratory apparatus for investigating oils and fats, parts of such apparatus, etc. Sommer & Runge. 173,424; Sept. 25; Serial No. 157,336; published June 26, 1923.

Lamps and parts thereof, Picture-projection. J. Tyroler. 177,524; Dec. 18; Serial No. 182,524; published Oct. 2, 1923.

Lantern slides. F. A. Apfelbaum. 172,782; Sept. 11; Serial No. 158,280; published June 5, 1923.

Lens blanks, Ophthalmic-. Sussfeld, Lorsch & Schimmel. 170,291; July 10; Serial No. 176,766; published Apr. 17, 1923.

Lenses and blanks, Ophthalmic. Sussfeld, Lorsch & Schimmel. 170,292; July 10; Serial No. 176,767; published Apr. 17, 1923.

Lenses and frames for eyeglasses and spectacles. Baltimore Optical Company. 170,007; July 10; Serial No. 172,929; published Apr. 3, 1923.

Lenses and frames, special machinery for their manufacture and measure, Ophthalmic. D. H. Hinckley. 164,958; Feb. 27.

Lenses and lens mountings for eyeglasses and spectacles, Machines for manufacturing, finishing, adjusting, and testing. Standard Optical Co. 164,583; Feb. 20.

Lenses, Blanks for ophthalmic. American Optical Company. 164,814; Feb. 27.

Lenses, eyeglasses, and spectacles. N. Smith. 174,198; Oct. 9; Serial No. 180,815; published July 10, 1923.

Lenses for goggles and protection glasses. Willson Goggles, Inc. 174,105; Oct. 2; Serial No. 160,734; published July 4, 1922.

Lenses, Ophthalmic. Standard Optical Company. 163,822; Jan. 30.

Lenses, Ophthalmic. R. H. Macy & Co. 171,820; Aug. 14; Serial No. 175,363; published May 15, 1923.

Lenses, Ophthalmic and spectacle. Optics Limited. 168,115; May 15; Serial No. 161,686; published Feb. 20, 1923.

Lenses, Photographic, projecting, and optical. M. H. Tromba. 169,804; July 3; Serial No. 162,327; published Apr. 10, 1923.

Level indicators, Liquid-. Porter Electric Carbureter Inc. 169,223; June 12; Serial No. 158,142; published Mar. 20, 1923.

Levels. Stanley Works. 175,337; Nov. 6; Serial No. 172,297; published Aug. 21, 1923.

Levels. Stanley Works. 175,758; Nov. 13; Serial No. 172,296; published Aug. 28, 1923.

Liquid-level indicators. Porter Electric Carbureter, Inc. 167,226; Apr. 24; Serial No. 169,777; published Jan. 30, 1923.

Liquid-measuring and level-indicating apparatus. Dobbie McInnes & Clyde, Ltd. 167,224; Apr. 24; Serial No. 157,413; published Feb. 6, 1923.

Liquids and semisolids, Implements for weighing. A. E. Clarke. 166,849; Apr. 17; Serial No. 165,662; published Jan. 23, 1923.

Measuring and scientific appliances. Foxboro Company. 167,287; Apr. 24.

Measuring instrument, Map-. Lineaweaver and Swift. 167,218; Apr. 24; Serial No. 158,781; published Dec. 5, 1922.

Classified list of trade-marks registered—Continued.

Measuring outfits, Surveying linemen's. James W. Brine Company. 174,674; Oct. 23; Serial No. 172,580; published July 24, 1923.
Measuring tapes. Crogan Manufacturing Company. 168,278; May 15.
Meters for measuring water, etc., Quantity. Buffalo Meter Company. 177,845; Dec. 25.
Meters, Lubrication. Radio Engineering Company of New York, Inc. 176,628; Nov. 27; Serial No. 162,695; published Sept. 11, 1923.
Navigational apparatus. C. E. Arundel. 170,361; July 10.
Ophthalmic mountings and parts thereof. Optical Specialty Manufacturing Company. 174,178; Oct. 9; Serial No. 179,548; published July 10, 1923.
Ophthalmic mountings and parts thereof. Stevens & Company. 167,257; Apr. 24; Serial No. 169,142; published Feb. 6, 1923.
Ophthalmic mountings and parts thereof. Stevens & Company. 169,866; July 3; Serial No. 175,224; published Apr. 10, 1923.
Ophthalmic mountings, and parts thereof. Stevens & Company. 171,857; Aug. 14; Serial No. 174,867; published May 1, 1923.
Ophthalmic mountings and parts thereof. Stevens & Company. 171,861; Aug. 14; Serial No. 174,540; published May 22, 1923.
Ophthalmic mountings and parts thereof. Willson Goggles, Inc. 174,417; Oct. 16; Serial No. 180,403; published July 17, 1923.
Ovens, ranges, and furnaces, Thermostatic heat regulators for. American Range & Foundry Company. 164,356; Feb. 20.
Pantographs. Burdette-Murray Company. 166,468; Apr. 3; Serial No. 168,669; published Jan. 2, 1923.
Paper, Sensitized blue-print. New York Blue Print Paper Company. 167,248; Apr. 24; Serial No. 171,182; published Feb. 6, 1923.
Papers, Light-sensitized photographic. Mimosa Aktiengesellschaft. 166,018; Mar. 27; Serial No. 163,229; published Dec. 5, 1922.
Patterns, Dress. Excella Pattern Company. 173,751; Oct. 2; Serial No. 177,660; published June 19, 1923.
Patterns, Dress. Pictorial Review Company. 171,863; Aug. 14; Serial No. 174,526; published May 22, 1923.
Pens. Eugene Dietzgen Co. 173,913; Oct. 2; Serial No. 175,136; published July 3, 1923.
Photographic developing papers. Haloid Company. 166,480; Apr. 3; Serial No. 170,288; published Jan. 2, 1923.
Photographic enlargement easels. P. Williams. 167,148; Apr. 24; Serial No. 152,973; published Jan. 30, 1923.
Photographic films. Ansco Company. 166,463; Apr. 3; Serial No. 169,274; published Jan. 2, 1923.
Photographic films. Ansco Company. 173,990–7; Oct. 2; Serial Nos. 178,797–804; published July 10, 1923.
Photographic films. Ansco Company. 174,183–4; Oct. 9; Serial Nos. 178,806–7; published July 10, 1923.
Photographic films. Ansco Company. 174,186; Oct. 9; Serial No. 178,805; published July 10, 1923.
Photographic films, film packs, etc. Gevaert Photo-Producten. 165,756; Mar. 20; Serial No. 170,933; published Dec. 12, 1922.
Photographic paper in rolls and sheets and postal or mailing cards, Sensitized. Positype Corporation of America. 164,534; Feb. 20.
Photographic paper, Sensitized. Haloid Company. 175,027; Oct. 30; Serial No. 179,097; published Aug. 14, 1923.
Photographic paper, Sensitized. Republic Photographic Corporation. 170,239; July 10; Serial No 174,336; published Apr. 3, 1923.
Photographic plates. Eastman Kodak Company. 165,596; Mar. 13; Serial No. 134,244; published Dec. 19, 1922.
Photographic sensitized paper. Positype Corporation of America. 164,996; Feb. 27.
Photographic shutters. Eastman Kodak Company. 174,199; Oct. 9; Serial No. 180,846; published July 10, 1923.
Picture apparatus, Cabinet motion-. I. Serrurier. 176,030; Nov. 13; Serial No. 179,228; published Sept. 4, 1923.
Picture films, Moving-. Funk & Wagnalls Company. 164,071; Feb. 13.
Picture films, Moving. W. L. Prager. 164,954; Feb. 27.
Picture films, Motion-. Arrow Film Corporation. 165,011; Feb. 27.
Picture films, Motion-. J. H. Duffy, jr. 164,938; Feb. 27.
Picture films, Motion-. O. C. Getsinger. 169,171; June 12; Serial No. 168,261; published Mar. 20, 1923.
Picture films, Motion-. J. T. Kelly. 168,135; May 15. Serial No. 170,652; published Feb. 20, 1923.
Picture films, Motion-. Kiser Studios Inc. 164,937; Feb. 27.
Picture films, Motion-. Metro Pictures Corporation. 171,816; Aug. 14; Serial No. 175,093; published May 15, 1923.
Picture films, Motion-. National Screen Service, Inc. 175,043; Oct. 30; Serial No. 178,353; published Aug. 14, 1923.
Picture films, Motion-. Radio-Films, Inc. 177,518; Dec. 18; Serial No. 166,149; published Oct. 2, 1923.
Picture films, Motion-. Radiograms, Inc. 175,955; Nov. 13; Serial No. 166,150; published Sept. 4, 1923.
Picture films, photographic transparencies, raw films, etc., Motion. Dura Film Protector Co. 167,253; Apr. 24; Serial No. 170,477; published Feb. 6, 1923.
Picture-projection apparatus, motion-picture-projecting machines, etc., Advertising motion-. A. Price. 170,941; July 24; Serial No. 168,691; published Apr. 24, 1923.
Pictures and animated drawings, Moving. M. Fleischer. 175,288; Nov. 6; Serial No. 148,266; published Nov. 7, 1922.
Pictures, Motion. Associated Exhibitors Inc. 170,776; July 24; Serial No. 175,759; published Apr. 24, 1923.
Pictures, Motion. C. B. C. Film Sales Corporation. 175,030; Oct. 30; Serial No. 179,025; published Aug. 14, 1923.
Pictures, Motion. Chaplin Classics, Inc. 170,203; July 10; Serial No. 173,072; published Apr. 3, 1923.
Pictures, motion-picture films, machines for taking and projecting pictures, and screens. C. E. Elliott. 168,093–5; May 15; Serial Nos. 162,389–91; published Feb. 27, 1923.
Pictures, motion-picture films, machines for taking and projecting pictures, etc. C. E. Elliott. 169,048; June 5; Serial No. 162,392; published Mar. 13, 1923.
Pictures, picture plates, etc., Light-advertising apparatus with projection of illumination of still or changeable. G. G. Müller. 164,929; Feb. 27.
Pictures reproduced in copies for sale, Motion. C. L. Chester Productions, Inc. 163,901; Feb. 6.
Pictures reproduced in copies for sale, Motion. C. L. Chester Productions, Inc. 166,354; Apr. 3; Serial No. 146,692; published Dec. 26, 1922.
Pictures reproduced in copies, Motion. J. C. Jessen. 176,878; Dec. 4; Serial No. 181,950; published Sept. 25, 1923.
Precision tools. J. S. Imlach. 177,629; Dec. 25; Serial No. 182,053; published Oct. 2, 1923.
Pumps, Liquid measuring and dispensing. Marvel Equipment Company. 168,128; May 15; Serial No. 170,985; published Feb. 20, 1923.
Ring and magnifying glasses, Finger. C. M. Wiseman. 173,898; Oct. 2; Serial No. 176,520; published July 3, 1923.
Rules, dividers, etc., Steel and zigzag. F. O. Schoedinger. 174,670; Oct. 23; Serial No. 172,180; published July 24, 1923.
Rules, Folding. Westcott Rule Company. 169,733; June 26.
Rules. Master Rule Mfg. Co. 173,939; Oct. 2; Serial No. 177,044; published July 10, 1923.
Rules, levels, squares, etc. Stanley Works. 169,067; June 5; Serial No. 172,564; published Mar. 6, 1923.
Rules, levels, squares, marking gauges, and levels. Stanley Works. 169,080; June 5; Serial No. 172,692; published Mar. 6, 1923.
Rules, wantage and gauging rods, etc. Stanley Works. 175,064; Oct. 30; Serial No. 179,435; published Aug. 14, 1923.
Rules, yardsticks, bevels, etc. Stanley Works. 175,063; Oct. 30; Serial No. 179,433; published Aug. 14, 1923.
Scales, Farm. Moline Plow Company. 163,664; Jan. 23.
Scales, Hæmoglobin. T. W. Tallqvist. 172,729; Sept. 11; Serial No. 174,542; published May 29. 1923.
Scales, Weighing and computing. Standard Computing Scale Company. 163,829; Jan. 30.
Scales, Weighing as well as coin-controlled. O. D. Jennings & Company. 175,164; Oct. 30; Serial No. 181,077; published Aug. 14, 1923.
Sign-projection devices, Moving illuminated-. J. E. Marqua Company. 164,385; Feb. 20.
Slides and motion-picture films, Positive projection. C. V. & R. Batigne. 174,490; Oct. 16; Serial No. 176,664; published July 24, 1923.
Spectacle and eyeglass rims. Standard Optical Co. 168,214; May 15; Serial No. 139,433; published Feb. 13, 1923.
Spectacle frames. Bachmann Bros. 173,548; Sept. 25.
Spectacle frames and parts thereof, Hinged. B. B. W. Mfg. Co. 165,001; Feb. 27.
Spectacles, eyeglasses, and ophthalmic lenses. American Optical Company. 173,257; Sept. 18; Serial No. 140,766; published June 12, 1923.
Speedometers. Ac Spark Plug Company. 176,630; Nov. 27; Serial No. 163,493; published Sept. 25, 1923.
Squares, family weighing scales, shingling-hatchet gauges, etc., Carpenters' steel. Baker, Hamilton & Pacific Company. 175,763; Nov. 13; Serial No. 170,350; published Aug. 28, 1923.
Stage apparatus for the production of scenic effects. Photoplast Corporation of America. 164,334; Feb. 20.
Standards of resistance, inductance, and capacitance for measuring purposes, decade bridges, etc. General Radio Company. 171,690; Aug. 7.
Telegraph transmitter-indicator equipment, Ships' mechanical. Chas. Cory & Son, Inc. 169,921; July 3.
Telegraphs, Magnifying attachments for printing. J. H. Chidester. 168,191; May 15; Serial No. 168,918; published Feb. 20, 1923.
Telescopes, binoculars, photographic lenses and cameras. Voigtländer & Sohn Aktiengesellschaft. 172,524; Sept. 4; Serial No. 173,613; published May 29, 1923.

Telescopes, field and opera glasses. Emil Busch Aktiengesellschaft Optische Industrie. 165,016; Feb. 27.
Temperature-control apparatus, Thermostatic. American Thermostat Co. 166,491; Apr. 3; Serial No. 171,115; published Jan. 2, 1923.
Temperature indicators, Thermoelectric. Safe-T-Stat Co. 174,163; Oct. 9; Serial No. 180,143; published July 10, 1923.
Thermometers. Schaeffer & Budenberg Mfg. Co. 175,108; Oct. 30; Serial No. 177,110; published Aug. 7, 1923.
Thermometers. Taylor Instrument Companies. 176,632; Nov. 27; Serial No. 163,836; published Sept. 25, 1923.
Thermometers. Wilder-Pike Thermometer Company. 171,802; Aug. 14; Serial No. 176,702; published May 1, 1923.
Thermometers, Index. E. Koehn. 171,751; Aug. 14; Serial No. 164,057; published May 15, 1923.
Thermometers, pyrometers, compasses, etc. Imperial Trust for the Encouragement of Scientific and Industrial Research, The. 176,635; Nov. 27; Serial No. 163,983; published Sept. 18, 1923.
Thermometers, pyrometers, compasses, etc. Imperial Trust for the Encouragement of Scientific and Industrial Research, The. 176,639; Nov. 27; Serial No. 163,984; published Sept. 18, 1923.
Thermostatic temperature regulating apparatus. Taylor Instrument Companies. 176,634; Nov. 27; Serial No. 163,837; published Sept. 25, 1923.
Thermostatic temperature regulating apparatus. Taylor Instrument Companies. 176,636–7; Nov. 27; Serial Nos. 163,838–9; published Sept. 25, 1923.
Ticket printing, registering, adding, etc., Machines. Controllograph Co. 169,081; June 5; Serial No. 172,978; published Mar. 6, 1923.
Tools, and particularly levels. Peerless Level & Tool Co. 169,711; June 26.
Transparencies, Colored. Animated Advertising Corporation. 167,316; Apr. 24.
Weighing apparatus, recording mechanism for weighing mechanism, etc., Automatic and continuous. Merrick Scale Mfg. Company. 167,234; Apr. 24. Serial No. 162,188; published Jan. 30, 1923.
Weighing machines. E. Edtbauer & Co. 167,150; Apr. 24; Serial No. 144,669; published Jan. 30, 1923.

CLASS 27.

Clocks. A. Dorsey. 169,560; June 19.
Clocks. American Wholesale Corporation (Baltimore Bargain House). 166,767; Apr. 10.
Clocks. American Wholesale Corporation (Baltimore Bargain House). 168,413; May 22; Serial No. 172,819; published Feb. 20, 1923.
Clocks. E. I. du Pont de Nemours & Company. 169,543; June 19; Serial No. 170,235; published Mar. 27, 1923.
Clocks. Friedrich Mauthe Gesellschaft mit beschränkter Haftung. 175,217; Oct. 30.
Clocks. Phinney-Walker Company. 176,764; Nov. 27.
Clocks. Phinney-Walker Company. 176,766–7; Nov. 27.
Clocks. Sears, Roebuck and Co. 164,366; Feb. 20.
Clocks. Sears, Roebuck and Co. 164,993; Feb. 27.
Clocks. Warren Clock Company. 175,808; Nov. 13; Serial No. 144,303; published Aug. 7, 1923.
Clocks, Alarm. F. W. Jansen Clock Company. 169,500; June 19; Serial No. 157,615; published Mar. 27, 1923.
Clocks, Alarm. Marshall Field & Company. 166,596; Apr. 10; Serial No. 161,537; published July 18, 1922.
Clocks, watches, and component parts thereof. Western Clock Co. 164,377; Feb. 20.
Time indicating, keeping, and recording instruments. Boston Clock Company. 168,289; May 15.
Time indicating, keeping, and recording instruments. Chelsea Clock Company. 168,288; May 15.
Watchcases. Dinhofer Bros. Inc. 174,702; Oct. 23; Serial No. 176,168; published June 26, 1923.
Watchcases. Joseph Fahys & Company. 174,565; Oct. 23; Serial No. 177,597; published June 19, 1923.
Watchcases. Joseph Fahys & Company. 175,858; Nov. 13; Serial No. 175,777; published Aug. 28, 1923.
Watchcases. Fahys Watch Case Co. 22,968; renewed May 9, 1923.
Watchcases. M. M. Mirabeau. 173,011; Sept. 11; Serial No. 178,765; published June 5, 1923.
Watchcases. Morays Watch Case Co. 169,352; June 12; Serial No. 171,762; published Feb. 27, 1923.
Watchcases, Composition. Illinois Watch Case Company. 22,418; renewed Feb. 7, 1923.
Watchcases of precious metal. S. Bruner. 165,301; Mar. 6; Serial No. 163,565; published Nov. 28, 1922.
Watch movements. Helbein-Stone Company Inc. 164,416; Feb. 20.
Watch movements. Chas. Schwartz & Son. 174,745; Oct. 23; Serial No. 168,732; published June 26, 1923.
Watch movements and parts of the same. Helbein-Stone Company. 165,354; Mar. 6; Serial No. 168,580; published Nov. 28, 1922.
Watch movements and watchcases. M. Goldin. 174,824; Oct. 23; Serial No. 173,887; published July 24, 1923.
Watches. American Wholesale Corporation (Baltimore Bargain House). 164,352; Feb. 20.
Watches. Baird-North Company. 174,885; Oct. 23; Serial No. 181,715; published July 24, 1923.
Watches. J. Daving. 175,844; Nov. 13; Serial No. 180,754; published Aug. 21, 1923.
Watches. Jovis Watch Co. 169,507; June 19; Serial No. 171,498; published Mar. 27, 1923.
Watches. B. Lazrus. 166,589; Apr. 10; Serial No. 168,581; published Dec. 26, 1922.
Watches. Stein & Ellbogen Company. 175,811; Nov. 13; Serial No. 150,779; published Aug. 21, 1923.
Watches. United States Agency Omega Watch Company. 164,212; Feb. 13.
Watches. A. Wittnauer Co. 174,651; Oct. 23; Serial No. 181,327; published July 24, 1923.
Watches and clocks. Robt. H. Ingersoll & Bro. 167,686; May 8; Serial No. 158,476; published Feb. 13, 1923.
Watches and parts thereof. American Waltham Watch Co. 22,859; renewed Apr. 25, 1923.
Watches and parts thereof. Henry Blank & Company. 173,534–5; Sept. 25.
Watches and parts thereof. F. Kaufman. 174,683; Oct. 23; Serial No. 179,796; published July 24, 1923.
Watches and watchcases. Edelstein Company. 172,797; Sept. 11; Serial No. 174,895; published June 5, 1923.
Watches and watchcases. Goldsmith, Stern & Co. 165,019; Feb. 27.
Watches and watchcases. J. Gottlieb. 169,497; June 19; Serial No. 154,269; published Mar. 27, 1923.
Watches, Cases for. Illinois Watch Case Company. 23,893; renewed Dec. 5, 1923.
Watches, clocks and parts thereof. Hoffman Bros. Inc. 167,779; May 8; Serial No. 171,798; published Feb. 13, 1923.
Watches, clocks, and parts thereof. Meyer & Stüdeli Societe Anonyme. 165,036; Feb. 27.
Watches, clocks, chronometers, and parts for same. A. Burnstine. 172,802; Sept. 11; Serial No. 172,632; published June 5, 1923.
Watches, clocks, watch and clock movements, and cases therefor. J. W. Forsinger Co. 164,951; Feb. 27.
Watches, movements, and parts thereof. L. Lauter. 164,397; Feb. 20.
Watches, watch movements, and parts of same. Hipp. Didisheim Company. 166,999; Apr. 17.
Watches, watch movements, and parts of the same. Hipp. Didisheim Company. 167,335; Apr. 24.
Watches, watch movements, and parts of the same. Hipp. Didisheim Company. 169,952; July 10; Serial No. 174,618; published Apr. 3, 1923.
Watches, watch movements, and parts of the same. Hipp. Didisheim Company. 169,953; July 10; Serial No. 174,620; published Apr. 3, 1923.
Watches, watch movements, and parts of the same. Hipp. Didisheim Company. 169,954–5; July 10; Serial Nos. 174,622–3; published Apr. 3, 1923.
Watches, watch movements, and parts of the same. Hipp. Didisheim Company. 169,957; July 10; Serial No. 174,624; published Apr. 3, 1923.
Watches, watch movements, and parts of watches. Norris, Alister-Ball Company. 176,783; Nov. 27.
Watches, watch movements, and parts thereof. J. Gottlieb. 174,632; Oct. 23; Serial No. 179,665; published July 24, 1923.
Watches, watch movements, and parts thereof. Hipp. Didisheim Company. 171,061; July 31; Serial No. 174,621; published Apr. 24, 1923.
Watches, watchcases, and watch movements. Gruen Watch Company. 174,290–1; Oct. 9.
Watches, watchcases, and watch movements. Gruen Watch Company. 177,596; Dec. 18.
Watches, watchcases, and watch movements. Keystone Watch Case Company. 165,331; Mar. 6; Serial No. 156,639; published Nov. 7, 1922.
Watches, watchcases, and watch movements. Keystone Watch Case Company. 165,403–5; Mar. 6; Serial Nos. 156,636–8; published Nov. 7, 1922.
Watches, watchcases, watch movements, and parts thereof. R. A. Gsell. 164,300; Feb. 20.
Watches, watch movements, watch cases, and parts thereof. American-Swiss Watch Co. 164,407; Feb. 20.

CLASS 28.

Aquamarines. L. M. Zell. 169,356; June 12; Serial No. 172,193; published Feb. 27, 1923.
Bags, Mesh. Whiting & Davis Company. 175,754; Nov. 13; Serial No. 168,662; published Aug. 7, 1923.
Beads, Pearl. Barnard Hirsch Company. 171,927; Aug. 14.
Bib holders, baby pins, chains and pendants, lockets, bracelets, rings, etc. Marathon Co. 164,588; Feb. 20.
Bib holders, baby pins, chains and pendants, lockets, etc. Marathon Co. 166,560; Apr. 10; Serial No. 169,218; published Dec. 26, 1922.
Bracelets. L. J. Kersburg. 165,225; Mar. 6; Serial No. 165,139; published Nov. 14, 1922.
Bracelets and earrings. Cohn & Rosenberger, Inc. 174,570; Oct. 23; Serial No. 178,224; published July 10, 1923.
Bracelets, finger rings, brooches, bar pins, and buttons. Hinckley Manufacturing Company. 171,997; Aug. 21; Serial No. 168,469; published May 8, 1923.
Bracelets, wristlets, neck chains, etc. Eisenstadt Manufacturing Company. 174,889; Oct. 23; Serial No. 180,211; published July 10, 1923.

Classified list of trade-marks registered—Continued.

Braces, necklaces, neck chains, key chains, etc. Louis Stern Company. 166,586; Apr. 10; Serial No. 171,769; published Jan. 23, 1923.

Buckles, necklaces, bracelets, etc. Cohn & Rosenberger, Inc. 166,571; Apr. 10; Serial No. 165,912; published Dec. 26, 1922.

Buckles, thimbles, bracelets, etc. Calhoun, Robbins & Co. 172,008; Aug. 21; Serial No. 172,208; published May 8, 1923.

Buttonhooks, shoehorns, buttonhook and shoehorn combinations, and glove hooks. Mappin & Webb Limited. 166,074; Mar. 27; Serial No. 159,469; published Nov. 14, 1922.

Buttonhooks, shoehorns, buttonhook and shoehorn combinations, and glove hooks. Mappin & Webb Limited. 166,538; Apr. 10; Serial No. 159,474; published Jan. 2, 1923.

Buttons, Collar. Freeman Daughaday Co. 169,739; June 26.

Chains, fobs, pendants, bracelets, etc. Fr. Speidel. 171,999; Aug. 21; Serial No. 167,494; published Jan. 2, 1923.

Chains, fobs, pendants, bracelets, etc. Fr. Speidel. 175,875; Nov. 13; Serial No. 179,285; published Aug. 7, 1923.

Chains, fobs, pendants, bracelets, etc. Fr. Speidel. 175,903; Nov. 13; Serial No. 177,703; published Aug. 7, 1923.

Chains for personal adornment. Forstner Chain Corporation. 170,715; July 24; Serial No. 139,118; published Apr. 24, 1923.

Chains for personal adornment. Jacques Kreisler & Co. 168,031; May 8.

Chains for personal wear, fobs, pendants, bracelets, etc. F. Speidel. 165,360; Mar. 6; Serial No. 167,271; published Nov. 14, 1922.

Chains, pendants, finger rings, etc. Spear & Susskind. 172,886; Sept. 11; Serial No. 175,818; published May 29, 1923.

Cigar and cigarette holders and cases, match boxes, etc. United Cigar Stores Company of America. 165,091; Mar. 6; Serial No. 154,624; published Nov. 28, 1922.

Cigarette cases. French Ivory & Metal Corp. 166,549; Apr. 10; Serial No. 132,522; published Dec. 26, 1921.

Cigarette, cigar, match, spectacle, eyeglass and vanity cases. Wightman & Hough Company. 171,278; July 31.

Diamonds, Imitation white. I. J. Adelson. 176,919; Dec. 4.

Earrings, finger rings, pendants, scarf pins, etc. L. Bessell. 174,852; Oct. 23; Serial No. 177,266; published July 24, 1923.

Emblems. Harvey & Otis. 164,535; Feb. 20.

Flatware consisting of spoons, forks, ladles, etc., Silver-plated. International Silver Compnay. 166,588; Apr. 10; Serial No. 171,272; published Jan. 23, 1923.

Flatware, Plated. Joseph Fahys & Company. 168,138; May 15; Serial No. 170,373; published Feb. 20, 1923.

Flatware, tableware, and cutlery, Silver-plated. Oneida Community, Limited. 169,692; June 26.

Gems and stones, Reproductions of precious and semi-precious. Jos. H. Meyer Bros., Inc. 171,299–300; Aug. 7; Serial No. 164,931–2; published Apr. 24, 1923.

Hand bag, Ladies'. Automatic Meshbag Co. 166,566; Apr. 10; Serial No. 167,449; published Jan. 2, 1923.

Jewelry. J. M. Fisher Co. 166,536; Apr. 10; Serial No. 160,490; published Dec. 26, 1922.

Jewelry. Marshall Field & Company. 174,382; Oct. 16; Serial No. 161,539; published Feb. 20, 1923.

Jewelry. M. M. Mirabeau. 174,697; Oct. 23; Serial No. 175,507; published July 10, 1923.

Jewelry. L. Reubenstone. 170,937; July 24; Serial No. 169,423; published Apr. 24, 1923.

Jewelry. Sigler Bros. Co. 174,749; Oct. 23; Serial No. 167,853; published July 24, 1923.

Jewelry. L. Weinstock & Co. 165,367; Mar. 6; Serial No. 161,762; published Nov. 14, 1922.

Jewelry and personal adornment, Articles of. Manufacturing Jewelers Export Co. 172,590; Sept. 11; Serial No. 169,680; published May 29, 1923.

Jewelry and precious-metal ware. J. F. Sturdy's Sons Co. 171,638; Aug. 7.

Jewelry and watches. Tiffany & Company. 23,573; renewed Sept. 5, 1923.

Jewelry articles. R. W. Schmidt. 167,323; Apr. 24.

Jewelry, etc. L. S. Mayer, Gesellschaft mit beschrankter Haftung. 177,653; Dec. 25; Serial No. 171,278; published Oct. 9, 1923.

Jewelry, not including watches, Gold and platinum. Stein & Windt. 164,411; Feb. 20.

Jewelry of precious metal, Articles of. I. Schiffman. 172,950; Sept. 11; Serial No. 174,369; published May 29, 1923.

Jewelry, tableware, etc. Ralph J. Gillett Importing Company. 175,813; Nov. 13; Serial No. 154,589; published Aug. 21, 1923.

Lamp standards, fruit bowls, candlesticks, comports, etc. Superior Silver Company. 168,381; May 22; Serial No. 169,466; published Feb. 20, 1923.

Lockets, cigarette cases, jewel boxes, cuff buttons, etc. H. E. Jacobi. 164,324; Feb. 20.

Lockets, pendants, watch charms, and vanity cases. H. A. Moeller Co. 165,217; Mar. 6; Serial No. 166,084; published Nov. 14, 1922.

Motors and internal-combustion engines, Diesel. Aktiengesellschaft für Tiefbohrtechnik und Maschinenbau vormals Trauzl & Co. 175,039; Oct. 30; Serial No. 178,422; published Aug. 14, 1923.

Necklace clasps and fasteners. Harry C. Schick, Inc. 167,785; May 8; Serial No. 166,960; published Feb. 6, 1923.

Necklaces, Artificial pearl and bead. Park Importing Co. 177,841; Dec. 25.

Necklaces, bracelets, brooches, etc. G. P. McKenna. 172,005; Aug. 21; Serial No. 173,606; published May 8, 1923.

Necklaces, bracelets, sautoirs, earrings, etc., Pearl. H. R. Levin. 167,756; May 8; Serial No. 170,532; published Feb. 6, 1923.

Necklaces, Imitation-pearl. American Watch & Diamond Company. 166,553; Apr. 10; Serial No. 171,007; published Jan. 16, 1923.

Necklaces, Pearl. Rothschild & Company 172,845; Sept. 11; Serial No. 176,503; published May 29, 1923.

Necklaces, Pearl. M. Tecla & Co. 172,612; Sept. 11; Serial No. 167,958; published May 29, 1923.

Pearls. N. L. Blauston. 168,443; May 22; Serial No. 170,614; published Feb. 20, 1923.

Pearls. J. J. Bonk. 166,573; Apr. 10; Serial No. 171,200; published Jan. 2, 1923.

Pearls. J. J. Felsenfeld. 174,888; Oct. 23; Serial No. 180,332; published July 10, 1923.

Pearls. L. H. Herskovitz. 164,715; Feb. 27.

Pearls. Indra Pearl Co. 174,424; Oct. 16; Serial No. 171,219; published Jan. 2, 1923.

Pearls. Wiener Bros. 164,731; Feb. 27.

Pearls and artificial pearls. J. Flashner. 172,796; Sept. 11; Serial No. 175,138; published June 5, 1923.

Pearls and imitations thereof. L. Heller & Son, Inc. 176,786; Nov. 27.

Pearls, Artificial. Cape Cod United Products Co. 170,961; July 24.

Pearls, Artificial. Henshel Co. Inc. 170,027; July 10; Serial No. 173,597; published Apr. 3, 1923.

Pearls, Artificial. H. Levitan. 174,564; Oct. 23; Serial No. 177,306; published July 10, 1923.

Pearls, Artificial. Leys, Christie & Co. 171,795; Aug. 14; Serial No. 179,734; published May 29, 1923.

Pearls, Artificial. D. W. Thomas, Incorporated. 174,890; Oct. 23; Serial No. 179,975; published July 10, 1923.

Pearls, Artificial. M. A. Zolla. 171,142; July 31; Serial No. 160,378; published Apr. 24, 1923.

Pearls, Artificial or reconstructed. Baird-North Company. 166,587; Apr. 10; Serial No. 171,680; published Jan. 2, 1923.

Pearls, Imitation. J. Rosenfeld. 167,782; May 8; Serial No. 171,006; published Feb. 6, 1923.

Pearls, necklaces, bracelets, and earrings. D. Smilo. 177,728. Dec. 25; Serial No. 176,578; published Oct. 9, 1923.

Pearls, pearl necklaces, and pearl-mounted jewelry. E. C. Shapiro. 175,941; Nov. 13; Serial No. 173,444; published Aug. 21, 1923.

Pins, bar pins, bead neck chains, belt buckles, etc., Baby. Goldsmith, Stern & Co. 167,780; May 8; Serial No. 171,418; published Feb. 6, 1923.

Pins, beltbuckles, bracelets, brooches, neck chains, etc., Bar. Dinhofer Bros. Inc. 170,037; July 10; Serial No. 173,918; published Apr. 3, 1923.

Pins, buckles, clasps, buttons, watch chains, neck chains, etc. William C. Greene Company. 170,455; July 17; Serial No. 172,331; published Apr. 3, 1923.

Precious metals, Articles made of or plated with. W. R. Elfers. 175,728; Nov. 13; Serial No. 179,139; published Aug. 21, 1923.

Rings and jewel mountings and settings, Finger. Arch Crown Mfg. Co. 163,671; Jan. 23.

Rings and neck chains, Finger. L. Block. 174,777; Oct. 23; Serial No. 171,893; published July 24, 1923.

Rings and ring mountings, Finger. Shirley Manufacturing Co. 169,509; June 19; Serial No. 171,820; published Mar. 27, 1923.

Rings, cuff links and buttons, etc., Finger. Werner Bros. 165,361; Mar. 6; Serial No. 167,112; published Nov. 14, 1922.

Rings, Finger. J. B. Bowden & Company. 167,354; May 1; Serial No. 144,273; published Jan. 30, 1923.

Rings, Finger. B. F. Brogan. 172,140–1; Aug. 21; Serial Nos. 176,714–15; published May 8, 1923.

Rings, Finger. Glaser Bros. 169,339; June 12; Serial No. 173,188; published Feb. 27, 1923.

Rings, Finger. A. E. Johnson. 169,033; May 29.

Rings, Finger. H. E. Kaplan. 174,887; Oct. 23; Serial No. 180,435; published July 10, 1923.

Rings, Finger. H. E. Kaplan. 175,930; Nov. 13; Serial No. 180,436; published Aug. 28, 1923.

Rings, Finger. Meyer & Gross. 164,371; Feb. 20.

Rings, Finger. J. H. Spiro. 165,260; Mar. 6; Serial No. 167,370; published Nov. 28, 1922.

Rings, Finger. Standard Ring Co. 171,998; Aug. 21; Serial No. 167,540; published May 8, 1923.

Rings, Finger. J. R. Wood & Sons. 164,718–19; Feb. 27.

Rings, pendants, scarfpins, bar pins, etc., Finger. B. F. Brogan. 172,995; Sept. 11; Serial No. 176,716; published June 5, 1923.
Rings, Wedding. J. B. Bowden & Co. 164,587; Feb. 20.
Rhinestones and chatons. E. Clar. 174,710; Oct. 23; Serial No. 172,862; published July 10, 1923.
Sapphires. C. H. Layng. 163,851; Jan. 30.
Semiprecious stones. M. A. Barr. 174,891; Oct. 23; Serial No. 179,844; published July 10, 1923.
Silver-plated articles. Lehman Bros. 174,351; Oct. 16; Serial No. 177,391; published May 29, 1923.
Silver-plated flatware, tableware, and cutlery. Oneida Community, Limited. 171,326–7; Aug. 7; Serial Nos. 168,617–18; published Apr. 24, 1923.
Silver-plated flatware, tableware, and cutlery. Oneida Community, Limited. 171,329; Aug. 7; Serial No. 168,724; published Apr. 24, 1923.
Silver-plated flatware, tableware, and cutlery. Oneida Community, Limited. 172,853; Sept. 11; Serial No. 175,731; published May 29, 1923.
Silver-plated hollow and flat ware. A. Cohen & Sons. 169,428; June 12.
Silver-plated hollow ware. Farber Brothers. 175,868; Nov. 13; Serial No. 175,191; published Sept. 4, 1923.
Silverware. Whiting Manufacturing Company. 164,714; Feb. 27.
Silverware and hollow silver-plated ware, Hollow. International Silver Company. 165,269; Mar. 6; Serial No. 167,177; published Nov. 28, 1922.
Spoons, forks, knives, etc., Silver-plated. International Silver Company. 177,830; Dec. 25.
Table and household ware. Mappin & Webb Limited. 169,555; June 19.
Table and household ware. Mappin & Webb Limited. 169,561; June 19.
Tableware, scissors, shoehorns, buttonhooks, etc. Franklin Silver Plate Company. 167,680; May 8; Serial No. 147,872; published Feb. 6, 1923.
Tableware, Silverplated flat. International Silver Company. 167,980; May 8.
Theft-preventing devices, Ornament-. Standard Mills Company. 164,392; Feb. 20.
Thimbles, Sewing. Goldsmith, Stern & Co. 170,379; July 17; Serial No. 174,387; published Mar. 13, 1923.
Thread for stringing beads or pearls. S. Lapin. 175,265; Oct. 30.

CLASS 29.

Automobile windshield wipers. White Products Company. 174,786; Oct. 23; Serial No. 144,757; published July 24, 1923.
Brooms. W. F. Cox. 168,785; May 29; Serial No. 122,932; published Feb. 13, 1923.
Brooms. C. N. Cramer Company. 169,964; July 10; Serial No. 174,891; published Apr. 17, 1923.
Brooms. M. G. Goeller's Sons. 171,054; July 31; Serial No. 175,861; published May 15, 1923.
Brooms. Greenup Broom Co. 168,250; May 15; Serial No. 173,418; published Feb. 27, 1923.
Brooms. Indianapolis Brush & Broom Co. 163,091; Jan. 2.
Brooms. Louisiana Broom Manufacturers Association. 177,633; Dec. 25; Serial No. 173,517; published Oct. 9, 1923.
Brooms. I. Richard. 163,391; Jan. 9.
Brooms. I. Richard. 164,998; Feb. 27.
Brooms. A. L. Ungerbuehler. 177,701; Dec. 25; Serial No. 183,129; published Oct. 2, 1923.
Brooms and parts thereof. Pioneer Broom Co. 172,184; Aug. 21.
Brooms, Whisk. Pioneer Broom Co. 172,176; Aug. 21.
Brooms, whisk brooms, floor brushes. Gardner Broom Co. 165,541; Mar. 13; Serial No. 160,124; published Dec. 19, 1922.
Brushes. E. Clinton & Co. 167,952; May 8.
Brushes. E. I. du Pont de Nemours & Company. 168,888; May 29; Serial No. 170,240; published Mar. 13, 1923.
Brushes. Hanlon & Goodman Company. 165,000; Feb. 27.
Brushes. McKesson & Robbins Inc. 173,932; Oct. 2; Serial No. 177,502; published July 17, 1923.
Brushes. Osborn Manufacturing Company. 167,175; Apr. 24; Serial No. 172,010; published Jan. 9, 1923.
Brushes. Pittsburgh Plate Glass Co., Rennous-Kleinle Division. 175,404; Nov. 6; Serial No. 162,197; published Aug. 21, 1923.
Brushes. John L. Whiting-J. J. Adams Company. 169,593; June 26; Serial No. 139,776; published July 11, 1922.
Brushes, Artists' and house-painters'. R. Y. L. Pitet. 165,481; Mar. 13; Serial No. 167,998; published Jan. 2, 1923.
Brushes, Artists' and painters'. Baker Brush Co. 163,274; Jan. 9.
Brushes, Bath and tooth. Geo. R. Gibson Co. 167,115; Apr. 24; Serial No. 163,978; published Feb. 6, 1923.
Brushes for painting, varnishing, etc. John L. Whiting-J. J. Adams Company. 171,060; July 31; Serial No. 175,585; published May 15, 1923.
Brushes, House-painters'. R. Y. L. Pitet. 165,482; Mar. 13; Serial No. 167,997; published Jan. 2, 1923.
Brushes, mops, dusters. J. Meerse. 170,983; July 24.
Brushes, Nail, tooth, hair, cloth, and flesh. Geo. R. Gibson Co. 171,510; Aug. 7; Serial No. 163,979; published May 22, 1923.
Brushes, Paint and shaving. Marshall-Wells Company. 174,503; Oct. 16; Serial No. 181,135; published July 24, 1923.
Brushes, Paint, varnish, and calcimine. Hanlon & Goodman Company. 164,979–80; Feb. 27.
Brushes, Paint, varnish, and calcimine. Hanlon & Goodman Co. 175,389; Nov. 6; Serial No. 170,189; published Aug. 28, 1923.
Brushes, Paint, varnish, and calcimine. Hanlon & Goodman Co. 177,326; Dec. 18; Serial No. 179,268; published Oct. 2, 1923.
Brushes, Paint, varnish, whitewash, sash, fitch fresco, and other. Pittsburgh Plate Glass Co., Rennous-Kleinle Division. 164,329; Feb. 20.
Brushes, Polishing. S. C. Johnson & Son. 176,053; Nov. 13; Serial No. 182,101; published Sept. 4, 1923.
Brushes, Shaving. Rubber & Celluloid Products Company. 174,167; Oct. 9; Serial No. 179,962; published July 17, 1923.
Brushes, Shoe. Parks & Parks, Inc. 168,249; May 15; Serial No. 173,528; published Feb. 27, 1923.
Brushes, Shoe. Parks & Parks, Inc. 172,868; Sept. 11; Serial No. 173,527; published June 5, 1923.
Brushes, Shoe. Parks & Parks, Inc. 172,869; Sept. 11; Serial No. 173,529; published June 5, 1923.
Brushes, Shoe-shining. Wallin Mfg. Co. 168,254; May 15; Serial No. 172,306; published Feb. 27, 1923.
Brushes, Tooth, hair, and nail. Lufrie Co. 164,364; Feb. 20.
Brushes, Twisted-wire. Wizard Products Company. 175,401; Nov. 6; Serial No. 164,682; published Aug. 21, 1923.
Brushes, whisk brooms, dusters, and powder puffs. Calhoun, Robbins & Co. 168,038; May 15; Serial No. 172,203; published Feb. 20, 1923.
Mop and duster, Combination. A. Link. 173,691; Oct. 2; Serial No. 177,395; published June 19, 1923.
Mops. Glenco Products Company. 177,468; Dec. 18; Serial No. 176,175; published Oct. 2, 1923.
Mops. Henson-Blair Manufacturing Company. 171,474; Aug. 7; Serial No. 178,341; published May 22, 1923.
Mops. W. C. Palmer. 174,549; Oct. 16.
Mops and mop handles. W. H. Fisher. 170,644; July 17; Serial No. 175,855; published Apr. 17, 1923.
Mops and mopsticks. Beaton & Cadwell Manufacturing Company. 170,052; July 10; Serial No. 175,760; published Apr. 17, 1923.
Mops, Dish, bottle, and pot. Chore-Utensils Corporation of America. 174,561; Oct. 23; Serial No. 181,380; published July 24, 1923.
Mops, dusters, brushes, Floor. U. S. Mop Company. 177,428; Dec. 18; Serial No. 150,170; published Oct. 2, 1923.
Mops, mopsticks, and bathtub cleaners. J. A. Meinhardt. 174,886; Oct. 23; Serial No. 180,876; published July 24, 1923.
Oilers, yarn mops, dust cloths, and yarn dust brushes, Floor. Standard Oil Company of New York. 173,688; Oct. 2; Serial No. 177,576; published June 19, 1923.
Paintbrushes. Baker Brush Co. 173,736; Oct. 2; Serial No. 178,490; published June 29, 1923.
Paintbrushes. W. T. Grant Company. 171,349; Aug. 7; Serial No. 173,326; published May 1, 1923.
Polishing, cleaning, or dusting, Pieces of fabric used for. 177,439; Dec. 18; Serial No. 182,255; published Oct. 2, 1923.
Powder puffs. C. M. Berman. 173,220; Sept. 18; Serial No. 174,230; published June 19, 1923.
Powder puffs. Bonnie-B Company. 167,164; Apr. 24; Serial No. 171,249; published Feb. 6, 1923.
Powder puffs. J. J. Cosin. 173,700; Oct. 2; Serial No. 177,167; published June 19, 1923.
Powder puffs. M. Crupain. 163,860; Jan. 30.
Powder puffs. S. Glemby's Sons Co. 170,973; July 24.
Powder puffs. Golun Fur Novelty Co. 164,945; Feb. 27.
Powder puffs. M. Levy. 169,720; June 26.
Powder puffs. Monarch Specialty Manufacturing Co. Economy Wiping Materials Co. 177,436; Dec. 18; Serial No. 182,468; published Oct. 2, 1923.
Powder puffs. Reichman & Faust. 164,515; Feb. 20.
Powder puffs. Valmont Mfg. Co. 177,821; Dec. 25.
Powder puffs. Western Bottle Manufacturing Company. 171,056; July 31; Serial No. 176,140; published May 15, 1923.
Powder puffs, toothbrushes, hairbrushes, hand and clothes brushes. Western Bottle Manufacturing Company. 171,057; July 31; Serial No. 176,145; published May 15, 1923.
Shoe daubers. Parks & Parks, Inc. 171,622; Aug. 7; Serial No. 177,322; published May 22, 1923.
Shoe-shining kits. F. F. Dalley Company. 177,485; Dec. 18; Serial No. 183,201; published Oct. 2, 1923.
Talking-machine records, Cleaning pads for. Jordan Marsh Company. 171,180; Aug. 7; Serial No. 177,977; published May 22, 1923.
Toothbrushes. Florence Manufacturing Company. 23,179; renewed June 6, 1923.
Toothbrushes. Geo. R. Gibson Co. 173,956; Oct. 2; Serial No. 165,791; published July 10, 1923.

Toothbrushes. Carl Grüneberg, Bürsten-Fabric Bratislava. 171,470; Aug. 7; Serial No. 178,664; published May 22, 1923.
Toothbrushes. T. P. Hyatt. 175,379; Nov. 6; Serial No. 169,400; published Aug. 28, 1923.
Toothbrushes. Kyoto Manufacturing & Trading Co. 164,192; Feb. 13.
Toothbrushes. J. O. McCall. 167,172; Apr. 24; Serial No. 171,810; published Jan. 9, 1923.
Toothbrushes. J. O. McCall. 175,658; Nov. 6; Serial No. 181,607; published Aug. 21, 1923.
Toothbrushes. William T. Palmer & Company. 167,032; Apr. 24; Serial No. 171,183; published Jan. 9, 1923.
Toothbrushes. Park & Tilford. 176,161; Nov. 20; Serial No. 168,487; published Dec. 5, 1922.
Toothbrushes. L. Prien. 163,526; Jan. 16.
Toothbrushes. P. B. T. Williams. 170,168–9; July 10; Serial Nos. 176,389–90; published Apr. 17, 1923.
Toothbrushes. P. B. T. Williams. 170,309; July 10; Serial No. 176,391; published Apr. 17, 1923.
Toothbrushes. P. B. T. Williams. 170,353; July 10.
Toothbrushes, hairbrushes, and nailbrushes. Heidner & Grinnell, Inc. 173,706; Oct. 2; Serial No. 178,247; published June 26, 1923.
Window squeegee. A. Wenger. 168,057; May 15; Serial No. 170,261; published Feb. 20, 1923.
Window wipers. O. F. Keydel. 167,058; Apr. 24; Serial No. 160,612; published Feb. 6, 1923.
Windshield cleaners. Trico Products Corporation. 165,754–5; Mar. 20; Serial Nos. 170,911–12; published Jan. 2, 1923.
Windshield cleaners. Trico Products Corporation. 167,037; Apr. 24; Serial No. 170,909; published Feb. 6, 1923.
Windshield cleaners of the squeegee type. H. D. Thomas. 175,544; Nov. 6; Serial No. 180,153; published Aug. 28, 1923.
Windshield wipers. G. I. Stadeker. 164,970; Feb. 27.

CLASS 30.

China. Porzellanfabrik Ph. Rosenthal & Co., A. G. 171,500; Aug. 7; Serial No. 171,103; published May 22, 1923.
China. Porzellanfabrik Ph. Rosenthal & Co., A. G. 171,501; Aug. 7; Serial No. 171,102; published May 15, 1923.
Chinaware. Atlas China Company. 174,083; Oct. 2; Serial No. 181,104; published July 10, 1923.
Chinaware. E. W. Bieg. 173,001; Sept. 11; Serial No. 177,472; published June 5, 1923.
Chinaware. Czechoslovak Art Shop Inc. 171,493; Aug. 7; Serial No. 172,032; published May 15, 1923.
Chinaware. Mayer China Company. 171,115; July 31; Serial No. 175,017; published May 8, 1923.
Earthenware utensils. W. I. Tycer. 174,694; Oct. 23; Serial No. 180,088; published July 31, 1923.

CLASS 31.

Beverage coolers. Ho-Jay Corporation. 177,531; Dec. 18; Serial No. 182,811; published Oct. 2, 1923.
Chest, Cooling. Keynote Manufacturing Co. 170,473; July 17; Serial No. 171,086; published Apr. 10, 1923.
Coolers and dispensers, Liquid. McKee Glass Company. 163,677; Jan. 23.
Filters, Air. Staynew Filter Corporation. 167,664; May 8; Serial No. 169,690; published Feb. 20, 1923.
Filters, Oily liquid for impregnating the filling mass of air. Wm. Reed Engineering Company. 173,828; Oct. 2; Serial No. 175,371; published June 26, 1923.
Filtration materials. Adamite Filtration Co. 176,400; Nov. 27; Serial No. 182,326; published Sept. 11, 1923.
Fluids, Material for arresting and separating impurities or other matter from. Celite Products Company. 170,594; July 17; Serial No. 146,755; published Apr. 17, 1923.
Ice and refrigerating machinery, ammonia compressors, receivers, and condensers, etc. Phœnix Ice Machine Co. 172,019; Aug. 21; Serial No. 170,785; published May 22, 1923.
Ice-cream freezers. Richmond Cedar Works. 174,316; Oct. 16; Serial No. 177,694; published June 5, 1923.
Ice-cream freezers. Steinfeld Inc. 174,278; Oct. 9; Serial No. 178,574; published July 17, 1923.
Ice-cream machines, Combination ice-cream and ice breakers and brine machines. Allman Gas Engine and Machine Co. 163,457; Jan. 16.
Ice-making and refrigerating machinery and the several parts thereof. Triumph Electric Co. 171,314; Aug. 7; Serial No. 167,210; published May 1, 1923.
Refrigerating and ice-making apparatus. Winter Machine Company. 169,995; July 10; Serial No. 145,864; published Apr. 3, 1923.
Refrigerating and ice-making plants, apparatus, machines, and parts and accessories thereof. Carbondale Machine Company. 172,204; Aug. 28; Serial No. 172,637; published May 29, 1923.
Refrigerating apparatus. Automatic Refrigerating Company. 170,998; July 31; Serial No. 177,644; published May 15, 1923.
Refrigerating apparatus. Automatic Refrigerating Company. 172,062; Aug. 21; Serial No. 177,645; published May 22, 1923.
Refrigerating apparatus. D. Eddy and Sons Co. 174,241; Oct. 9; Serial No. 179,994; published July 3, 1923.
Refrigerating apparatus, Artificial. Freezerator Co. 170,119; July 10; Serial No. 163,512; published Apr. 3, 1923.
Refrigerating machinery and refrigerators. Vogt Brothers Mfg. Co. 172,038; Aug. 21; Serial No. 160,218; published May 22, 1923.
Refrigerating vehicle bodies. W. F. Baird. 177,800; Dec. 25.
Refrigeration cabinets. I. C. Refrigeration Co. 174,233; Oct. 9; Serial No. 180,477; published July 17, 1923.
Refrigerator display cases. City Refrigerator Company. 176,409; Nov. 27; Serial No. 181,880; published Sept. 11, 1923.
Refrigerators. American Range & Foundry Company. 168,857; May 29; Serial No. 173,549; published Mar. 6, 1923.
Refrigerators. Bohn Refrigerator Company. 171,945; Aug. 14.
Refrigerators. Bohn Refrigerator Company. 173,582; Sept. 25.
Refrigerators. John J. Grothe Co. 165,729; Mar. 20; Serial No. 169,128; published Dec. 12, 1922.
Refrigerators. C. V. Hill & Co. Inc. 169,180; June 12; Serial No. 170,247; published Mar. 20, 1923.
Refrigerators. Ristel Manufacturing Company. 168,229; May 15; Serial No. 171,553; published Feb. 13, 1923.
Refrigerators. Universe Corporation. 174,562; Oct. 23; Serial No. 181,156; published July 24, 1923.
Refrigerators and parts, refrigerating systems. National Electric Products Corporation. 174,263; Oct. 9; Serial No. 177,140; published July 3, 1923.
Refrigerators and refrigerator show cases. R. E. Ottenheimer. 171,345; Aug. 7; Serial No. 173,204; published Apr. 24, 1923.
Refrigerators, Domestic. Prescott & Company. 171,224; July 31; Serial No. 177,199; published May 8, 1923.
Refrigerators, ice chests, nursery boxes, water coolers. Goldenberg's. 167,666; May 8; Serial No. 170,643; published Feb. 20, 1923.
Refrigerators, Portable. Livingood Manufacturing Corporation. 166,939; Apr. 17; Serial No. 171,426; published Jan. 23, 1923.
Refrigerators, Show-case. Harry L. Hussmann Refrigerator & Supply Co. 164,214; Feb. 13.
Refrigerators, Showcase. Harry L. Hussmann Refrigerator & Supply Co. 166,379; Apr. 3; Serial No. 169,760; published Nov. 7, 1922.

CLASS 32.

Barrels and the like, Racks for supporting. Economy Engineering Company. 167,534; May 1; Serial No. 172,038; published Jan. 30, 1923.
Bed davenports, house and office chairs, rockers, and couches. Justh Manufacturing Company. 163,972; Feb. 6.
Bed springs. Cleveland Wire Spring Company. 172,305; Aug. 28; Serial No. 175,466; published May 15, 1923.
Bed springs. Cleveland Wire Spring Company. 173,258; Sept. 18; Serial No. 175,465; published May 15, 1923.
Bed springs. Liberty Bed Spring Co. 165,163; Mar. 6; Serial No. 143,096; published Dec. 5, 1922.
Bedsprings. B. F. Lindsley. 174,828; Oct. 23; Serial No. 175,801; published July 31, 1923.
Bed springs. New York Bed Spring Mfg. Co. 175,147; Oct. 30; Serial No. 180,716; published Aug. 7, 1923.
Beds, bed springs, and mattresses. U. S. Bedding Company. 175,727; Nov. 13; Serial No. 179,246; published Aug. 28, 1923.
Beds, Closet and wall. Roberti Bros. 169,630; June 26; Serial No. 174,110; published Mar. 27, 1923.
Beds, Concealable. California Wall Bed Company. 175,144; Oct. 30; Serial No. 180,326; published Aug. 7, 1923.
Beds, Crib. Kiddie-Town Products, Inc. 168,912; May 29; Serial No. 156,067; published Feb. 27, 1923.
Beds, davenports, and couches, Folding. Levenson and Zenitz. 167,491; May 1; Serial No. 143,281; published Dec. 26, 1922.
Beds, Metal. Hub Metal Bed Co. 164,016; Feb. 6.
Bedsteads, mattresses, and springs. Charles P. Rogers & Co. 163,997; Feb. 6.
Bedsteads, springs, and mattresses. Charles P. Rogers & Co. 163,998–9; Feb. 6.
Benches and settees. Bausman Manufacturing Company. 177,290; Dec. 11.
Bookcases, beds, book ends, buffets, benches, desks, etc. Gladding Dry Goods Co. 173,607; Oct. 2; Serial No. 158,829; published May 29, 1923.
Cabinet, Steel filing. A. Paulson. 167,476; May 1; Serial No. 163,765; published Jan. 2, 1923.
Cabinets, desks, stools, etc., Filing. Levey Printing Company. 174,992; Oct. 30; Serial No. 173,510; published Aug. 7, 1923.
Cabinets, desks, stools, etc., Filing and other. Levey Printing Company. 175,336; Nov. 6; Serial No. 173,507; published Aug. 14, 1923.

Classified list of trade-marks registered—Continued.

Cabinets, Filing. Columbia Steel Equipment Company. 176,090; Nov. 13.
Cabinets, Kitchen. Coppes Brothers & Zook. 176,824; Nov. 27.
Cabinets, Kitchen. McDougall Company. 169,632; June 26; Serial No. 174,846; published Mar. 27, 1923.
Cabinets, Kitchen. Wasmuth-Endicott Company. 173,816; Oct. 2; Serial No. 171,774; published June 12, 1923.
Cabinets, Medicine. J. P. Eustis Manufacturing Company. 167,468; May 1; Serial No. 166,988; published Jan. 2, 1923.
Cabinets, Stencil. Elliott Company. 176,438; Nov. 27; Serial No. 180,693; published Sept. 11, 1923.
Camping outfits, Collapsible. T. D. Anderson. 165,164; Mar. 6; Serial No. 143,375; published Dec. 5, 1922.
Chair seats, Fiber. American Fibre Chair Seat Corporation. 173,769; Oct. 2; Serial No. 177,028; published June 12, 1923.
Chairs and sofas, Parlor. Paris Upholstering Co. 168,969; May 29; Serial No. 170,691; published Feb. 27, 1923.
Chairs, costumers, settees, telephone tables, etc., Office. Sikes Company. 165,256; Mar. 6; Serial No. 167,694; published Dec. 5, 1922.
Chairs, porch rockers, and settees, Porch. H. A. Peart. 172,372–3; Aug. 28; Serial Nos. 158,645–6; published May 15, 1923.
Chairs, Stationary swivel. Mov-Ezy Theatre Seating Co. 167,449; May 1; Serial No. 163,587; published Jan. 23, 1923.
Chairs, tables, and stools, Folding. A. L. Ribeiro. 175,243; Oct. 30.
Chairs, tables, cabinets, and costumers. H. L. Handy, jr. 163,960; Feb. 6.
Chests, Cedar. Lane Co. 175,916; Nov. 13; Serial No. 180,377; published Aug. 28, 1923.
Chest, Cedar. Ed. Roos Company of Forest Park. 172,359; Aug. 28; Serial No. 173,675; published May 1, 1923.
Costumer, automatic folding utility or service table, and card tables, Folding. I. L. Van Etten. 165,156; Mar. 6; Serial No. 152,107; published Nov. 14, 1922.
Costumer. Nightrack Manufacturing Company. 172,364; Aug. 28; Serial No. 174,185; published May 1, 1923.
Counters, cafeteria tables, dressers, etc. Gunn Furniture Company. 177,564; Dec. 18; Serial No. 175,552; published Oct. 2, 1923.
Counters, Store. Liberty Self Service Corporation. 164,036; Feb. 6.
Cushions, Fabricated. E. P. Harley. 169,565; June 19.
Cushions, Hair carpet and hair seat. American Hair Felt Co. 172,349; Aug. 28; Serial No. 173,066; published May 1, 1923.
Desks. Durard Desk Mfg. Co. 173,603; Oct. 2; Serial No. 166,736; published June 12, 1923.
Desks, bookcases, chifforobes, talking-machine records, etc. Udell Works. 165,365; Mar. 6; Serial No. 162,149; published Nov. 28, 1922.
Desks, filing cabinets, davenports, chairs, etc. Whelan-Linck Co. 176,774; Nov. 27.
Desks, Roll-top. Standard Furniture Company. 24,368; renewed Mar. 13, 1924.
Frames, Picture. B. Proctor, jr. 167,538; May 1; Serial No. 171,707; published Jan. 30, 1923.
Furniture. A. W. Anderson Corporation. 168,751; May 29; Serial No. 171,401; published Feb. 20, 1923.
Furniture. C. I. Baker. 167,610; May 1; Serial No. 154,426; published Oct. 10, 1922.
Furniture. Cron Company. 168,899; May 29; Serial No. 167,041; published Feb. 27, 1923.
Furniture. A. S. Heineman. 167,721; May 8; Serial No. 148,885; published Jan. 30, 1923.
Furniture. Standard Furniture Co. 175,234; Oct. 30.
Furniture and equipment, School. National School Equipment Company. 164,026; Feb. 6.
Furniture and house-furnishing goods. Wohlfarth & Koos Co. 177,812; Dec. 25.
Furniture and upholstery. William Lawrence & Co. 169,875; July 3; Serial No. 134,969; published Apr. 3, 1923.
Furniture, Built-in. C. R. Cox. 175,699; Nov. 6.
Furniture, Camp. Military Sales Company. 164,043; Feb. 6.
Furniture, Dining-room. Bockstege Furniture Co. 172,353; Aug. 28; Serial No. 173,347; published May 8, 1923.
Furniture, Fiber household. Capital City Chair Company. 164,028; Feb. 6.
Furniture for homes. C. Niss & Sons, Inc. 169,041; June 5; Serial No. 149,345; published Feb. 27, 1923.
Furniture, Household. Bockstege Furniture Co. 169,014; May 29.
Furniture, Household. R. H. Macy & Co. 174,961; Oct. 30; Serial No. 160,296; published Aug. 7, 1923.
Furniture, Household. O. W. Richardson & Co. 169,653; June 26; Serial No. 168,553; published Mar. 27, 1923.
Furniture, Household and office. F. H. Miller. 173,865; Oct. 2; Serial No. 175,203; published May 29, 1923.
Furniture, Household and office. Charles P. Rogers & Co. 167,480; May 1; Serial No. 162,852; published Dec. 26, 1922.
Furniture, Porch. Appleton Toy & Furniture Co. 174,959; Oct. 30; Serial No. 161,403; published Aug. 7, 1923.
Furniture, Printers'. Hamilton Manufacturing Company. 165,268; Mar. 6; Serial No. 167,044; published Dec. 5, 1922.
Furniture, Upholstered. Landau Cabinet Company. 175,197; Oct. 30; Serial No. 174,743; published Aug. 7, 1923.
Furniture, Upholstered. Albert Sklarek Co. 175,111; Oct. 30; Serial No. 176,922; published Aug. 7, 1923.
Furniture, Willow. United States Willow Furniture Co. 166,331. Mar. 27.
Hammocks and stands therefor, Couch. Atlas Hammock Co. 173,806; Oct. 2; Serial No. 173,048; published July 3, 1923.
Hammocks, Swing couch. H. E. Burroughs. 174,980; Oct. 30; Serial No. 143,533; published Aug. 7, 1923.
Household furnishings. Lachman Bros. 165,096; Mar. 6; Serial No. 162,022; published Dec. 12, 1922.
Mattresses. Augusta Bedding Company. 167,753; May 8; Serial No. 170,706; published Feb. 13, 1923.
Mattresses. John Hoey & Co. 176,703; Nov. 27; Serial No. 177,085; published Sept. 11, 1923.
Mattresses. John Hoey & Co. 173,766; Oct. 2; Serial No. 177,084; published May 29, 1923.
Mattresses. Marshall Ventilated Mattress Co. 175,836; Nov. 13; Serial No. 181,838; published Aug. 28, 1923.
Mattresses. Never-Stretch Mattress Company. 173,871; Oct. 2; Serial No. 175,616; published May 29, 1923.
Mattresses. New England Fibre Mills. 166,306; Mar. 27.
Mattresses. New England Fibre Mills. 167,532; May 1; Serial No. 172,287; published Jan. 30, 1923.
Mattresses. New England Fibre Mills. 167,533; May 1; Serial No. 172,285; published Jan. 30, 1923.
Mattresses. New England Fibre Mills. 167,772–3; May 8; Serial Nos. 172,648–9; published Jan. 30, 1923.
Mattresses. Stearns & Foster Company. 172,370; Aug. 28; Serial No. 160,094; published May 8, 1923.
Mattresses, box springs, and pillows. F. Contrado. 163,954; Feb. 6.
Mattresses, Cotton. W. W. Pool. 167,315; Apr. 24.
Mattresses, pillows, and box springs. Diamond Pillow, Feather and Down Co. 165,214; Mar. 6; Serial No. 166,222; published Nov. 14, 1922.
Mattresses, pillows, and box springs. International Bedding Co. 164,004–12; Feb. 6.
Mattresses, pillows, bolsters, and cushions. Robinson-Roders Co. 174,983; Oct. 30; Serial No. 136,603; published Aug. 7, 1923.
Mattresses, pillows, bolsters, cushions. Robinson-Roders Co. 170,597; July 17; Serial No. 136,604; published Apr. 24, 1923.
Merchandise Containers in stores, Interchangeable sections for use in. H. Ehrlich & Sons Mfg. Co. 171,648; Aug. 7.
Mirrors and picture frames, Hand. Newark Tortoise Shell Novelty Co. 173,591; Sept. 25.
Mirrors and picture frames, Hand. Newark Tortoise Shell Novelty Co. 176,794; Nov. 27.
Mirrors, Furniture. Kokomo Automotive Mfg. Co. 171,934; Aug. 14.
Mirrors, picture frames, Hand. E. I. du Pont de Nemours & Company. 172,386; Aug. 28; Serial No. 170,239; published May 8, 1923.
Mirrors, seats, stools, chairs, Wall. J. P. Eustis Manufacturing Company. 165,267; Mar. 6; Serial No 166,989; published Dec. 19, 1922.
Office and phonograph record racks. La Salle Manufacturing Company. 169,620; June 26; Serial No. 172,748; published Mar. 27, 1923.
Pads or cushions, Seat. Wedler-Shuford Co. 167,450; May 1; Serial No. 163,125; published Jan. 30, 1923.
Partitions, Portable sectional. Unit Construction Company. 172,379–80; Aug. 28; Serial Nos. 152,048–9; published May 1, 1923.
Phonograph-record-display stands. Musical Products Distributing Co. 175,846; Nov. 13; Serial No. 180,715; published Aug. 28, 1923.
Phonograph records, Cabinets for. H. Gerstner & Sons. 163,969; Feb. 6.
Pillows. James W. Brine Company. 167,771; May 8; Serial No. 172,731; published Feb. 13, 1923.
Pillows. L. Lowenstein & Son. 174,559; Oct. 23; Serial No. 157,491; published July 3, 1923.
Pillows and cushions. Sunset Feather Co. 172,346; Aug. 28; Serial No. 172,911; published May 1, 1923.
Rug racks. F. Michelbach. 177,460; Dec. 18; Serial No. 177,613; published Sept. 25, 1923.
Shades, Porch. C. W. Warren. 175,096; Oct. 30; Serial 179,904; published Aug. 7, 1923.
Shades. Porch and window. Aeroshade Company. 173,675; Oct. 2; Serial No. 178,016; published June 12, 1923.
Shades, Window. H. M. Brown. 172,453; Aug. 28; Serial No. 172,506; published May 1, 1923.
Shades, Window. Flexus Window Shade Company. 165,166; Mar. 6; Serial No. 133,657; published Dec. 5, 1922.
Spring beds, mattresses, cots, and metal bedsteads. Southern Spring Bed Company. 170,559; July 17; Serial No. 173,859; published Apr. 24, 1923.

Springs and bedsteads, Bed. Norfolk Mattress Company. 176,443; Nov. 27; Serial No. 180,547; published Sept. 11, 1923.
Springs and mattresses, Bed. J. I. Smith. 176,891; Dec. 4.
Springs, Bed. Kinney-Rome Company. 167,302; Apr. 24.
Springs, Box. International Bedding Co. 172,404; Aug. 28; Serial No. 164,049; published May 15, 1923.
Springs, mattresses, and pillows, Box. Schultz & Hirsch Co. 173,878; Oct. 2; Serial No. 175,950; published May 29, 1923.
Table, Electrically-equipped serving. Nichols Electric Furniture Co. 177,470; Dec. 18; Serial No. 175,623; published Oct. 2, 1923.
Table outfit, Folding Combination. E. M. Garland. 163,965; Feb. 6.
Table slide bars. Watertown Table-Slide Company. 173,569; Sept. 25.
Tables, Card. Stokes Mfg. Co. 165,270; Mar. 6; Serial No. 167,203; published Dec. 12, 1922.
Tables, Household. S. Y. Sullivan. 168,910; May 29; Serial No. 159,292; published Mar. 6, 1923.
Tables, Take-down. G. E. Tomlinson. 172,362; Aug. 28; Serial No. 173,943; published May 1, 1923.
Towel cabinets. J. N. Borroughs. 175,784; Nov. 13; Serial No. 178,023; published Aug. 28, 1923.

CLASS 33.

Automobiles, Lenses for. Deglarescope Company. 166,164; Mar. 27; Serial No. 167,975; published Jan. 9, 1922.
Bottles, Glass. Owens Bottle Company. 166,961; Apr. 17.
Bottles, Milk. A. Westlake. 166,385; Apr. 3; Serial No. 169,513; published Jan. 9, 1923.
Bottles, Package of sterilized glass. Owens Bottle Company. 168,488; May 22.
Glass. Bullet Proof & Non-Shatterable Glass Corporation. 172,996–7; Sept. 11; Serial Nos. 176,717–18; published June 5, 1923.
Glass. Chance Brothers and Co. Limited. 175,467; Nov. 6; Serial No. 182,086; published Aug. 21, 1923.
Glass and crystal sheeting, Plate and mirror. Syracuse Glass Company. 173,007; Sept. 11; Serial No. 178,007; published June 5, 1923.
Glass and glassware. Manufactures des Glaces et Produits Chimiques de St. Gobain, Chauny & Cirey. 166,049; Mar. 27; Serial No. 168,720; published Jan. 9, 1923.
Glass cooking vessels. McKee Glass Company. 163,856; Jan. 30.
Glass for walls, partitions, floors, etc. Pittsburgh Plate Glass Company. 163,523; Jan. 16.
Glass fruit jars. Hazel-Atlas Glass Company. 163,897; Feb. 6.
Glass, glare shields of glass, and glass for automobiles, Window. Thoma & Son Inc. 177,441; Dec. 18; Serial No. 182,188; published Sept. 25, 1923.
Glass jars, bowls, vases, drinking glasses, and tumblers. Crystal Glass Co. 163,467; Jan. 16.
Glass, Mirror and plate. Hagemann Glass Co. 168,472; May 22; Serial No. 167,872; published Feb. 20, 1923.
Glass plates, bowls, nappies, jars, jugs, pitchers etc. Jeannette Glass Company. 170,451; July 17; Serial No. 172,277; published Apr. 3, 1923.
Glass, Sheet. L. J. Houze Convex Glass Company. 174,500; Oct. 16; Serial No. 181,397; published July 24, 1923.
Glass, Sheet. L. J. Houze Convex Glass Company. 174,652; Oct. 23; Serial No. 181,398; published July 31, 1923.
Glass, Sheet. Pennsylvania Wire Glass Company. 167,043; Apr. 24; Serial No. 170,596; published Jan. 30, 1923.
Glass teapots. Corning Glass Works. 170,395; July 17; Serial No. 171,413; published Apr. 10, 1923.
Glass, Window. Mountain State Glass Co. 170,616; July 17; Serial No. 177,139; published Apr. 17, 1923.
Glassware. Libbey Glass Manufacturing Co. 163,510; Jan. 16.
Glassware and glass toilet articles. Fostoria Glass Company. 177,291; Dec. 11.
Glassware for use in laboratories. Marshall Reiha, Inc. 165,959; Mar. 27; Serial No. 151,766; published Dec. 19, 1922.
Glassware, Illuminating. Oscar O. Friedlaender Co. 173,232; Sept. 18; Serial No. 173,280; published June 12, 1923.
Glassware, Illuminating. Gillinder & Sons, Inc. 168,776; May 29; Serial No. 174,133; published Mar. 6, 1923.
Glassware, Pressed. Westmoreland Specialty Company. 165,555; Mar. 13; Serial No. 153,191; published Dec. 26, 1922.
Glassware, Table. Gimbel Brothers, Inc. 174,090; Oct. 2; Serial No. 180,063; published July 10, 1923.
Headlight cover glasses. Automobile. United States Lens Company. 171,410; Aug. 7; Serial No. 173,059; published May 8, 1923.
Headlight glass. Warner-Patterson Company. 174,139; Oct. 2.
Jars, Glass. Schram Glass Manufacturing Company. 163,166; Jan. 2.
Lamp chimneys, globes, shades, and reflectors, Glass. Gill Brothers Company. 163,074; Jan. 2.
Lamp shades, Glass. M. H. Krich. 172,942; Sept. 11; Serial No. 159,321; published June 13, 1922.
Lenses for electrically-operated direction signals for use on vehicles. W. E. Gunion. 165,984; Mar. 27; Serial No. 162,334; published Dec. 19, 1922.
Lenses, Glass. Dodge Brothers. 166,001; Mar. 27; Serial No. 168,457; published Dec. 19, 1922.
Shades, globes, and other glassware. Phoenix Glass Company; 23,832; renewed Nov. 21, 1923.

CLASS 34.

Air heating, moistening, and ventilating device. J. J. Nesbitt. 168,990; May 29.
Blowpipes. Torchweld Equipment Company. 166,550; Apr. 10.
Boiler and heater, Combined. American Radiator Company. 170,704; July 24; Serial No. 154,073; published Apr. 24, 1923.
Boilers. Aird-Don Co. 175,725; Nov. 13; Serial No. 179,254; published Sept. 4, 1923.
Boilers and hot-air furnaces, Steam and water. Boynton Furnace Co. 169,028; May 29.
Boilers and parts thereof, High-pressure. Aktiebolaget Atmos. 171,492; Aug. 7; Serial No. 172,140; published May 22, 1923.
Boilers, furnaces, and heaters, etc., Steam. Alexander Morrison & Company. 173,246; Sept. 18; Serial No. 160,456; published June 19, 1923.
Boilers, garbage burners, heaters, and tanks. Kewanee Boiler Company. 166,368; Apr. 3; Serial No. 170,070; published Nov. 28, 1922.
Boilers, hot-air furnaces, ranges, Steam and water. Boynton Furnace Co. 163,489; Jan. 16.
Boilers, Range. Detroit Range Boiler and Steel Barrel Co. 163,492; Jan. 16.
Boilers, Steam. J. K. Petty & Company. 177,605; Dec. 18.
Boilers, Steam. J. S. Schofield's Sons Co. 167,572; May 1; Serial No. 166,719; published Jan. 30, 1923.
Boilers, Steam and hot-water heating. Birchfield Boiler Company. 167,569; May 1; Serial No. 166,974; published Jan. 2, 1923.
Boilers, Steel. Wickes Boiler Co. 174,451; Oct. 16; Serial No. 162,860; published July 3, 1923.
Burner drums. Cleveland Metal Products Company. 171,440; Aug. 7; Serial No. 161,302; published Apr. 24, 1923.
Burner drums. Cleveland Metal Products Company. 173,870; Oct. 2; Serial No. 176,951; published June 19, 1923.
Burners. Elektrizitatswerk Lonza. 167,880; May 8; Serial No. 166,777; published Feb. 6, 1923.
Candlesticks, incense burners, and lamps. Pup Toys Company. 171,581; Aug. 7; Serial No. 175,158; published May 22, 1923.
Cooking equipment, Heavy-duty. Duparquet, Huot & Moneuse Co. 163,495; Jan. 16.
Cookstoves, ranges, etc. Hammer-Bray Company. 174,454; Oct. 16; Serial No. 160,604; published July 3, 1923.
Damper regulators. Kain & Aunger Company. 168,987; May 29.
Dampers, soldering furnaces, etc., Stove. F. O. Schoedinger. 174,672; Oct. 23; Serial No. 172,183; published July 17, 1923.
Dehydrators and parts of dehydrators. Monarch Corporation. 174,893; Oct. 23; Serial No. 178,268; published July 24, 1923.
Evaporators and humidifiers. E. Deléamont. 165,533; Mar. 13; Serial No. 158,521; published Nov. 7, 1922.
Fireplace dampers and operating means therefor, fireplace baskets, etc. Donley Brothers Company. 175,033; Oct. 30; Serial No. 178,828; published Aug. 7, 1923.
Fireplace throat frames and dampers. A. P. Robinson. 175,701; Nov. 6.
Fireplaces. Elson & Church. 172,919; Sept. 11; Serial No. 177,431; published June 5, 1923.
Firepot repair parts. J. A. Sexauer Mfg. Co. 168,516; May 22.
Fire pots, torches, and metal reflectors. Western Electric Company. 165,093; Mar. 6; Serial No. 155,652; published Oct. 24, 1922.
Fire wagons, surface heaters, and melting kettles. Barber Asphalt Company. 174,469; Oct. 16; Serial No. 170,748; published June 26, 1923.
Forges, portable kerosene burners, torches, etc., Oil-burning brazing. Fairbanks Co. 165,106; Mar. 6; Serial No. 142,248; published Oct. 3, 1922.
Fuel, Apparatus for preparing, conveying, and burning comminuted. Grindle Fuel Equipment Company. 172,953; Sept. 11; Serial No. 175,551; published June 5, 1923.
Furnace grates. Culm Burn Equipment Company. 166,757; Apr. 10.
Furnaces. J. Brenner. 175,691; Nov. 6.
Furnaces, Coal. Fox Furnace Company. 169,918; July 3.
Furnaces, etc., Oil-burning equipment. Mahr Manufacturing Company. 174,871; Oct. 23; Serial No. 172,683; published July 17, 1923.

Furnaces, grate frames, grate bars, etc., Coal, wood, gas, and oil heating. Hall-Neal Furnace Company. 168,465; May 22; Serial No. 143,864; published July 12, 1921.

Furnaces, Heating. Howard Stove & Furnace Co. 174,860; Oct. 23; Serial No. 180,603; published July 24, 1923.

Furnaces, Warm-air. W. G. McPherson Company. 169,237; June 12; Serial No. 172,626; published Mar. 13, 1923.

Furnaces, Warm-air. Richardson & Boynton Co. 174,617; Oct. 23; Serial No. 179,222; published July 24, 1923.

Furnaces, Wood and coal burning. Black Diamond Furnace Co. 166,300; Mar. 27.

Gas burners. P. S. Harper. 163,084; Jan. 2.

Gas from coal, Apparatus used in the manufacture of. Improved Equipment Company. 169,710; June 26.

Gas heaters. London Lightingwares Corporation. 167,007; Apr. 17.

Gas mantles, burners, and lamps therefor, etc., Upright and inverted. Auerlicht Gesellschaft m. b. H. Kommanditgesellschaft. 171,621; Aug. 7; Serial No. 177,537; published May 22, 1923.

Gas mantles, Incandescent. Coleman Lamp Co. 165,071; Mar. 6; Serial No. 163,433; published Nov. 7, 1922.

Gas radiators. Pacific Gas Radiator Co. 166,141; Mar. 27; Serial No. 157,386; published Feb. 21, 1922.

Generators for producing gas, gas cartridges, and parts thereof, etc. Thermalene Gas Corporation. 170,821; July 24; Serial No. 171,823; published Apr. 24, 1923.

Grates and stoves, Coal, coke, wood, gas, and oil burning. Edwin A. Jackson & Bro. 163,093; Jan. 2.

Headlights, Glare-shield attachments for automobile. Patent Novelty Company. 175,516; Nov. 6; Serial No. 176,208; published Aug. 28, 1923.

Heat-generating plants. Winslow Boiler & Engineering Co. 169,146; June 12; Serial No. 158,025; published Feb. 27, 1923.

Heat-treating containers. Chrobaltic Tool Company 171,561; Aug. 7; Serial No. 174,553; published May 22, 1923.

Heater and ventilator, Combined. Columbus Heating & Ventilating Company. 167,873; May 8; Serial No. 168,100; published Feb. 6, 1923.

Heater, Hot-water. Central Radiator Company. 167,578; May 1; Serial No. 166,523; published Jan. 2, 1923.

Heaters and furnaces, Warm-air. Success Heater and Manufacturing Company. 168,521; May 22.

Heaters and stoves, Gas. Hartman-Spring Co. 165,516; Mar. 13; Serial No. 163,521; published Sept. 5, 1922.

Heaters, fire pots, annealing furnaces, etc., Asphalt surface and kettle. Hauck Manufacturing Company. 169,208; June 12; Serial No. 168,365; published Mar. 20, 1923.

Heaters, Gas. G. F. Schmidt. 169,143; June 12; Serial No. 157,078; published Mar. 20, 1923.

Heaters, Gas. A. H. Wolff Gas Radiator Co. 167,728; May 8; Serial No. 154,394; published Jan. 30, 1923.

Heaters, Hot air and water. Richardson & Boynton Company. 23,323; renewed July 4, 1923.

Heaters, Oil. A. J. Alsdorf Corporation. 175,539; Nov. 6; Serial No. 180,678; published Aug. 21, 1923.

Heaters, Water. General Water Heater Corporation. 171,595; Aug. 7; Serial No. 176,173; published May 22, 1923.

Heaters, Water. E. R. Parker. 168,513; May 22.

Heaters, Water. Stack Heater Company. 163,176; Jan. 2.

Heating apparatus, Portable. A. Garbarini. 172,616; Sept. 11; Serial No. 165,750; published June 5, 1923.

Hydrocarbon-fuel burners. Gasifier Company. 175,525; Nov. 6; Serial No. 180,214; published Aug. 21, 1923.

Incinerators. Heimbach Incinerator Co. 172,956; Sept. 11; Serial No. 175,427; published June 5, 1923.

Kerosene-gas-making appliances. Gloria Light Co. 174,468; Oct. 16; Serial No. 171,123; published July 17, 1923.

Lamp shades. I. R. Carter. 175,191; Oct. 30; Serial No. 175,543; published Aug. 14, 1923.

Lamp shades. P. Smith. 172,655; Sept. 11; Serial No. 174,980; published June 5, 1923.

Lamp shades made of fabric. Daison Manufacturing Co. 168,528; May 22.

Lamp shades, Metal. Eskilstuna Stålpressnings Aktiebolag. 174,461; Oct. 16; Serial No. 174,361; published June 26, 1923.

Lamp shades of fibrous material. R. Beardsley. 174,396; Oct. 16; Serial No. 174,997; published July 17, 1923.

Lamps and burners and oil pots thereof, Oil-burning motor-vehicle. R. E. Dietz Company. 163,052; Jan. 2.

Lamps and oil stoves, Oil and portable gas. Pittsburgh Lamp, Brass & Glass Company. 163,385; Jan. 9.

Lamps, Gas and oil. Pierce-Arrow-Motor Car Company. 166,517; Apr. 3; Serial No. 159,523; published Mar. 28, 1922.

Lamps, lanterns, etc. Perkins Marine Lamp Corporation. 171,487; Aug. 7; Serial No. 139,369; published May 22, 1923.

Lamps, lanterns, etc., Portable gasoline. Coleman Lamp Co. 168,517; May 22.

Lamps, Miners' acetylene. Justrite Manufacturing Company. 167,518; May 1; Serial No. 165,629; published Jan. 2, 1923.

Lanterns and the burners and metal parts thereof, Oil-burning. R. E. Dietz Company. 171,626; Aug. 7; Serial No. 176,455; published May 22, 1923.

Lanterns, Decorative. W. S. Lafans. 169,253; June 12; Serial No. 170,980; published Mar. 27, 1923.

Light supports. M. Greenan. 167,454; May 1; Serial No. 161,879; published Jan. 30, 1923.

Liquid-fuel burners. Scarab Oil Burning Company. 167,530; May 1; Serial No. 166,019; published Jan. 2, 1923.

Locomotive spark catcher. E. Bronson. 169,145; June 12; Serial No. 157,206; published Mar. 13, 1923.

Mantles, Gas and gasoline. Block Gas Mantle Company. 174,805; Oct. 23; Serial No. 180,651; published July 24, 1923.

Oil burners. D. Perry. 170,225; July 10; Serial No. 154,458; published Jan. 9, 1923.

Oil burners, Fuel-. Automatic Burner Corporation. 165,080; Mar. 6; Serial No. 158,911; published Mar. 14, 1922.

Oil burners, Fuel-. W. M. Hoffman. 171,680; Aug. 7.

Oil-burning appliances. Aeroil Burner Company. 174,659; Oct. 23; Serial No. 169,840; published July 17, 1923.

Oven slides. Turnit Oven Company. 172,502; Aug. 28.

Ovens, Baking. Baker-Perkins Manufacturing Corporation. 175,773; Nov. 13; Serial No. 177,581; published Aug. 21, 1923.

Ovens for gas, gasoline, and oil stoves. American Stove Company. 175,627; Nov. 6; Serial No. 174,720; published Aug. 14, 1923.

Ovens, gas stoves, oil cook stoves, etc., Portable bake. Elgin Stove & Oven Co. 166,756; Apr. 10.

Ovens, roll warmers and revivers, gas heated griddles and toasters, etc. Majestic Manufacturing Company. 165,083; Mar. 6; Serial No. 157,766; published Oct. 17, 1922.

Packing and packing material. Garlock Packing Company. 176,911; Dec. 4.

Packing cases, Heated. E. G. F. Lockyer. 172,039; Aug. 21; Serial No. 158,989; published May 29, 1923.

Paper domes and shades for lighting fixtures. Western Gas Fixture Co. 171,681; Aug. 7.

Radiators, Gas steam. Cabco Iron Works, Inc. 167,412; May 1; Serial No. 168,447; published Jan. 23, 1923.

Ranges and boilers, etc., Coal and gas combination. W. F. Dougherty & Sons, Incorporated. 174,568; Oct. 23; Serial No. 177,774; published July 17, 1923.

Ranges and gas and coal heaters, Gas and combination coal and gas. A. H. Tinnerman. 170,098; July 10; Serial No. 169,261; published Apr. 10, 1923.

Ranges and heaters, Gas. Sunray Stove Company. 171,478; Aug. 7; Serial No. 178,071; published May 22, 1923.

Ranges and stoves, Gas and coal. Tappan Stove Company. 163,183; Jan. 2.

Ranges, cooking and heating stoves, and stovepipe, furnaces, etc. Holbrook, Merrill & Stetson. 165,364; Mar. 6; Serial No. 162,410; published Oct. 17, 1922.

Ranges, Domestic gas. Detroit City Gas Co. 172,278; Aug. 28; Serial No. 170,128; published May 29, 1923.

Ranges, Gas. A-B Stove Company. 169,260; June 12; Serial No. 172,073; published Mar. 13, 1923.

Ranges, Gas. Wincroft Stove Works. 175,847; Nov. 13; Serial No. 180,636; published Sept. 4, 1923.

Ranges, heaters, stoves, and furnaces. Marshall-Wells Company. 174,903; Oct. 23; Serial No. 178,855; published July 24, 1923.

Ranges, House-heating kitchen. Zimmerman Stove Heater Corp. 163,212; Jan. 2.

Ranges, stoves, and pipeless furnaces. Fries, Beall & Sharp Co. 169,198; June 12; Serial No. 169,587; published Mar. 13, 1923.

Ranges, stoves, furnaces, etc. Holbrook, Merrill & Stetson. 163,089; Jan. 2.

Reflectors, Color screen and holder attachment for. Reflector & Illuminating Co. 168,995; May 29.

Reflectors, Illuminating. Cole Visible Gas Gauge Company. 167,862; May 8; Serial No. 152,363; published Feb. 6, 1923.

Registers for heating purposes. Rock Island Register Company. 170,923; July 24; Serial No. 165,157; published Apr. 24, 1923.

Spark arresters. South Bend Spark Arrester Co. 175,085; Oct. 30; Serial No. 167,900; published Aug. 14, 1923.

Stokers. Laclede-Christy Clay Products Company. 177,603; Dec. 18.

Stokers and repair parts thereof, Locomotive. Locomotive Stoker Company. 165,123; Mar. 6; Serial No. 160,951; published Nov. 7, 1922.

Stokers, Natural-draft and underfeed. Detroit Stoker Company. 165,946; Mar. 20.

Stokers, Underfeed. Sanford Riley Stoker Company. 174,649; Oct. 23; Serial No. 181,314; published July 24, 1923.

Stoves. Summerfield Company. 174,904; Oct. 23; Serial No. 178,883; published July 24, 1923.

Stoves and heaters, oil-burning lamps, lanterns, lamp burners, etc. Standard Oil Company of New York. 167,528; May 1; Serial No. 166,207; published Jan. 30, 1923.
Stoves and portable baking ovens, Gas heating. Wheeling Corrugating Company. 166,745; Apr. 10.
Stoves and ranges. Abram Cox Stove Company. 169,159; June 12; Serial No. 165,619; published Mar. 13, 1923.
Stoves and ranges, Coal and gas. Perfect Stove & Manufacturing Co. 175,859; Nov. 13; Serial No. 175,732; published Sept. 4, 1923.
Stoves and ranges, etc., Coal, wood, and gas cooking and heating. Keeley Stove Company. 175,783; Nov. 13; Serial No. 178,392; published Sept. 4, 1923.
Stoves, Camp. Albert Lea Foundry Company. 165,371; Mar. 6; Serial No. 160,985; published Dec. 5, 1922.
Stoves, Coal-burning. R. Russell and Sons Limited. 163,393; Jan. 9.
Stoves, Cooking and heating. Shelton Vapor Stove Company. 176,898; Dec. 4.
Stoves, Cooking, heating, and gas. F. A. Klaine. 23,474; renewed Aug. 8, 1923.
Stoves, furnaces, radiators, etc., Cooking and heating. Holbrook, Merrill & Stetson. 170,137; July 10; Serial No. 162,409; published Apr. 3, 1923.
Stoves, Gas, coal, oil, and gasoline. American Stove Company. 167,529; May 1; Serial No. 166,163; published Jan. 2, 1923.
Stoves, Oil. Vapo Stove Company. 167,564; May 1; Serial No. 167,743; published Jan. 30, 1923.
Stoves, Oil-lamp. Consolidated Iron-Steel Manufacturing Company. 163,039–40; Jan. 2.
Stoves, Oil-lamp. Consolidated Iron-Steel Manufacturing Company. 167,442; May 1; Serial No. 161,235; published Jan. 2, 1923.
Stoves or ranges. Magee Furnace Company. 167,459; May 1; Serial No. 167,481; published Jan. 23, 1923.
Stoves or ranges, Gas. William M. Crane Company. 163,820; Jan. 30.
Stoves, ovens, heaters, etc. C. E. Adamson. 174,615; Oct. 23; Serial No. 179,125; published July 24, 1923.
Stoves, ranges, and furnaces. Favorite Stove & Range Co. 165,229; Mar. 6; Serial No. 163,511; published Oct. 31, 1922.
Stoves, ranges, and heaters. Anchor Stove & Range Co. 167,493; May 1; Serial No. 150,425; published Jan. 9, 1923
Stoves, ranges, etc., Gas, coal, wood, or coke cooking or heating. Buckwalter Stove Company. 167,724; May 8; Serial No. 152,232; published Jan. 2, 1923.
Stoves, ranges, furnaces. Minnesota Stove Company. 170,265; July 10; Serial No. 106,453; published July 4, 1922.
Stoves, ranges, furnaces, and hot-water heaters. Keeley Stove Company. 172,839; Sept. 11; Serial No. 178,393; published June 5, 1923.
Torches, Alcohol. Hunt-Lasher Company. 169,919; July 3.
Torches, Preheating. Weldit Company. 170,077; July 10; Serial No. 166,965; published Apr. 3, 1923.
Vaporizer, Fuel-oil. H. W. Manning. 165,924; Mar. 20.
Ventilators for buildings, sash bars, door panels, etc. V-W Ventilator Co. 167,408; May 1; Serial No. 168,229; published Jan. 23, 1923.
Ventilators, Industrial. American Larson Ventilating Co. 173,142; Sept. 18; Serial No. 178,157; published June 12, 1923.
Water heater and open-fire grate, Combined coal hot-. Central Radiator Company. 165,089; Mar. 6; Serial No. 153,540; published May 16, 1922.
Water heaters. General Water Heater Corporation. 175,535; Nov 6; Serial No. 180,856; published Aug. 21, 1923.
Water heaters. Stack Heater Company. 174,735; Oct. 23; Serial No. 155,277; published July 24, 1923.
Water heaters. Whitlock Coil Pipe Company. 168,486; May 22.
Water heaters, Gas. Bastian-Morley Co. 169,235; June 12; Serial No. 173,951; published Mar. 13, 1923.
Water heaters, Gas. Bastian-Morley Co. 171,605; Aug. 7; Serial No. 173,950; published May 8, 1923.
Water-heating apparatus and parts thereof. Ferguson and Lange Foundry Company. 173,116; Sept. 18; Serial No. 169,580; published June 12, 1923.
Welding apparatus using gas. Prest-O-Lite Company. 167,674; May 8; Serial No. 107,374; published Feb. 6, 1923.

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Automobile accessories. J. N. Gold. 176,513; Nov. 27; Serial No. 164,431; published July 17, 1923.
Automobile and cycle tire boots and patches and patching material for rubber tires. Swartz Brothers. 174,455; Oct. 16; Serial No. 158,900; published June 26, 1923.
Automobile and motor-cycle inner tubes, Self-vulcanizing or cold tube patch for. 20th Century Tire Protector Co. 165,068; Mar. 6; Serial No. 164,976; published Nov. 14, 1922.
Automobile brake and transmission lining. Durwyllan Co. 171,673; Aug. 7.
Automobile fan belts. Teuscher & Son Machinery Supply Co. 170,688; July 17.
Automobile transmission bands. Parks & Bohne, Inc. 174,442; Oct. 16; Serial No. 176,645; published June 26, 1923.
Automobile transmission linings. F. L. McLaughlin. 165,222; Mar. 6; Serial No. 165,754; published Nov. 14, 1922.
Automobile transmissions, Lining for. Standard Motor Parts Company. 170,631; July 17; Serial No. 175,413; published Apr. 24, 1923.
Automobile tubes, Patches for. Wear-Ever Patch Mfg. Co. 169,193; June 12; Serial No. 169,941; published Feb. 27, 1923.
Automobiles, Brake-band lining for. Velvet Action Brake Lining Co. 167,521; May 1; Serial No. 165,732; published Dec. 19, 1922.
Bags, suitcases, trunks, etc., Traveling. S. Sherman. 174,811; Oct. 23; Serial No. 144,882; published Oct. 11, 1921.
Belting and packing, Leather. Chas. A. Schieren Company. 168,793; May 29; Serial No. 139,723; published Feb. 13, 1923.
Belting, Fabric. Maxtic Belt & Packing Co. 168,482; May 22; Serial No. 168,479; published Feb. 20, 1923.
Belting, Fabric. Stockton Commission Co. 167,787; May 8; Serial No. 166,324; published Feb. 6, 1923.
Belting, hose, and packing, Machinery. Manhattan Rubber Mfg. Co. 173,243; Sept. 18; Serial No. 160,825; published June 19, 1923.
Belting, hose, packing. Warren & Bailey Co. 174,465; Oct. 16; Serial No. 172,246; published July 17, 1923.
Belting, hose, packing, etc., Power. Power Supply Company. 167,719; May 8; Serial No. 145,647; published Jan. 9, 1923.
Belting, hose, packing, etc., Woven. Wm. E. Hooper & Sons Co. 172,285; Aug. 28; Serial No. 168,152; published May 29, 1923.
Belting, Leather. J. Bachmann. 174,438; Oct. 16; Serial No. 177,760; published July 3, 1923.
Belting, Leather. Chicago Belting Company. 171,537; Aug. 7; Serial No. 174,889; published May 8, 1923.
Belting, Leather. John Ormerod & Sons, Ltd. 176,720; Nov. 27; Serial No. 170,832; published Sept. 11, 1923.
Belting, Leather and cotton. Peerless Belting Company. 168,523–4; May 22.
Belting, Leather and cotton. Peerless Belting Company. 168,982; May 29.
Belting, Leather and fabric. Hide Leather & Belting Company. 165,098; Mar. 6; Serial No. 161,316; published Nov. 28, 1922.
Belting, Round and flat leather. Charles Bond Company. 171,509; Aug. 7; Serial No. 165,661; published May 22, 1923.
Belting, Rubber and fabric. New York Belting and Packing Company. 170,312; July 10; Serial No. 175,320; published Apr. 3, 1923.
Belting, Rubber and fabric. New York Belting and Packing Company. 170,313; July 10; Serial No. 175,322; published Apr. 3, 1923.
Belts, Driving. Rossendale Belting Company. 19,470; renewed May 12, 1921.
Belts, Fan. Dayton Rubber Manufacturing Co. 167,891; May 8; Serial No. 168,104; published Jan. 30, 1923.
Belts for driving machinery, Leather. Jewell Belting Company. 163,097; Jan. 2.
Belts for machinery, Leather. Jewell Belting Company. 175,069; Oct. 30; Serial No. 170,650; published Aug. 7, 1923.
Belts, Leather. Texas Belting Company. 169,317; June 12; Serial No. 169,938; published Mar. 27, 1923.
Belts, Power. W. S. Langford. 175,227; Oct. 30.
Belts, Power-transmitting. Durkee-Atwood Co. 163,059; Jan. 2.
Belts, Transmission or driving. H. Guillou. 163,333; Jan. 9.
Blow-out patches, fan belts, brake linings, etc. H. M. Levin. 169,723; June 26.
Brake lining. Buffalo Weaving & Belting Co. 174,923; Oct. 23.
Brake lining. Johns-Manville, Incorporated. 170,062; July 10; Serial No. 172,046; published Apr. 3, 1923.
Brake lining. Manhattan Rubber Mfg. Co. 175,998; Nov. 13; Serial No. 166,839; published Sept. 4, 1923.
Brake lining. Multibestos Company. 175,141; Oct. 30; Serial No. 180,341; published July 31, 1923.
Brake lining and clutch-disk facing, Asbestos. Asbestos and Allied Products Co. 170,227; July 10; Serial No. 174,813; published Apr. 3, 1923.
Brake lining and clutch facing. Russell Manufacturing Co. 163,163; Jan. 2.
Brake linings. Allbestos Corporation. 167,890; May 8; Serial No. 168,092; published Feb. 6, 1923.
Brake linings. Allbestos Corporation. 168,270; May 15; Serial No. 168,091; published Jan. 30, 1923.
Brake linings. J. W. Pohlman. 173,082; Sept. 11.
Brake linings. United & Globe Rubber Company. 169,997; July 10; Serial No. 144,166; published Apr. 26, 1921.
Cars, Transmission lining for Ford. Durwyllan Co. 174,535; Oct. 16.
Casings and tires, hose, tubing, reliners, inner tubes, etc. Federal Rubber Company of Illinois. 172,277; Aug. 28; Serial No. 170,760; published May 22, 1923.

Classified list of trade-marks registered—Continued.

Casings and tires, reliners, repair-patches, etc. Federal Rubber Company. 169,276; June 12; Serial No. 146,884; published Nov. 22, 1921.
Cement packing for joints. Polygon Products Co. 172,144; Aug. 21; Serial No. 177,514; published May 29, 1923.
Engines, Gaskets for internal-combustion. J. E. Gleason. 171,358; Aug. 7; Serial No. 170,880; published May 1, 1923.
Fire hose, Cotton. Wm. & Chas. Beck, Inc. 170,311; July 10; Serial No. 175,124; published Apr. 3, 1923.
Gaskets and metal packing, Metallic. Metallo Gasket Co. 171,916; Aug. 14.
Gaskets, washers, packing, and friction surfaces. Armstrong Cork Company. 168,204; May 15; Serial No. 162,526; published Jan. 30, 1923.
Hose. B. F. Goodrich Company. 165,412; Mar. 6; Serial No. 131,966; published Oct. 17, 1922.
Hose. Ingersoll-Rand Company. 174,813–14; Oct. 23; Serial Nos. 180,933–4; published July 31, 1923.
Hose. Voorhees Rubber Mfg. Co. 174,729; Oct. 23; Serial No. 160,731; published July 31, 1923.
Hose, belting, and packing. Voorhees Rubber Mfg. Co. 170,255; July 10; Serial No. 171,003; published Apr. 3, 1923.
Hose, Fabric. William and Charles Beck, Inc. 167,444; May 1; Serial No. 160,740; published Jan. 23, 1923.
Hose, Garden. Baker, Hamilton and Pacific Company. 174,768; Oct. 23; Serial No. 170,359; published July 31, 1923.
Hose, Hydraulic or fire. Eureka Fire Hose Company. 23,618; renewed Sept. 19, 1923.
Hose, Linen fire. Wm. & Chas. Beck, Inc. 174,810; Oct. 23; Serial No. 177,950; published June 5, 1923.
Hose, Linen fire. Wm. & Chas. Beck, Inc. 175,851; Nov. 13; Serial No. 176,874; published Aug. 7, 1923.
Hydraulic and fire hose. Eureka Fire Hose Company. 23,616–17; renewed Sept. 19, 1923.
Inner-tube repair patches. J. J. Fuchs. 170,601; July 17; Serial No. 132,601; published Apr. 17, 1923.
Jar rings, Fruit-. Anchor Cap & Closure Corporation. 171,563; Aug. 7; Serial No. 174,353; published May 22, 1923.
Jar rings, rubber belting, hose, and packing. Mechanical Rubber Co. 163,126; Jan. 2.
Leathers, cut lace, hose washers of leather, etc., Pump. W. S. Nott Company. 163,142; Jan. 2.
Metal hose, Flexible. Breeze Manufacturing Co. 165,172; Mar. 6; Serial No. 127,852; published Dec. 5, 1922.
Packages comprising display boards on which are mounted packing gaskets. F. A Laraway. 165,146; Mar. 6; Serial No. 147,625; published Oct. 31, 1922.
Packages for use in making emergency repairs to the fan drives of automobiles, etc. A. J. Stephens Rubber Co. 167,452; May 1; Serial No. 162,360; published Dec. 19, 1922.
Packing and asbestos belting used as brake lining, Rod, piston-rod, piston, etc. Johns-Manville, Incorporated. 169,170; June 12; Serial No. 167,818; published Mar. 13, 1923.
Packing, Asbestos rubber sheet. Walworth Manufacturing Company. 168,653; May 29; Serial No. 165,844; published Feb. 13, 1923.
Packing, Compressed asbestos-fiber sheet. C. C. Humberstone. 174,696; Oct. 23; Serial No. 180,122; published July 31, 1923.
Packing, Compressed-asbestos-fiber-sheet machinery. Union Asbestos & Rubber Company. 168,199; May 15; Serial No. 165,468; published Jan. 30, 1923.
Packing for machinery. Garlock Packing Co. 23,420; renewed July 25, 1923.
Packing, High-pressure sheet. Raybestos Company. 167,731; May 8; Serial No. 155,932; published Jan 2, 1923.
Packing, Metallic. Metalastic Company. 169,167; June 12; Serial No. 167,310; published Feb. 27, 1923.
Packing, Piston-rod. Johns-Manville Incorporated. 171,283; Aug. 7; Serial No. 170,294; published Apr. 17, 1923.
Packing, valve disks, belting, hose, and buffers. Strong Machinery & Supply Co. 163,452; Jan. 9.
Packings and washers, Engine. Chemische Werke Aktiengesellschaft Postlerit-Werke. 168,779; May 29; Serial No. 114,846; published Jan. 9, 1923.
Packings, Asbestos engine. Beldam Asbestos Company Limited. 163,277; Jan. 9.
Packings formed of vulcanized fabric, Cup. Montpelier Manufacturing Company. 169,139; June 12; Serial No. 155,510; published Feb. 27, 1923.
Patches, Adhesive. Mengo Products Company. 174,456; Oct. 16; Serial No. 150,871; published June 26, 1923.
Patches, fruit-jar rubbers, and garden hose. Blow-out. Strevell-Paterson Hardware Co. 163,181; Jan. 2.
Piston or packing rings. Unico Motor Products Corporation. 174,952; Oct. 30; Serial No. 166,332; published Aug. 14, 1923.
Piston or packing rings. Unico Motor Products Corporation. 168,237; May 15; Serial No. 166,333; published Jan. 30, 1923.
Piston packing rings. J. F. Jones. 174,967; Oct. 30; Serial No. 158,929; published July 31, 1923.
Piston-ring expanders. Manufacturers' Motor Products Co. 167,751; May 8; Serial No. 167,919; published Feb. 6, 1923.
Piston rings. Burd High Compression Ring Company. 163,030; Jan. 2.
Piston rings. A. B. Chance. 175,894; Nov. 13; Serial No. 153,441; published Sept. 4, 1923.
Piston rings. Cohagan Patent Piston Ring Manufacturing Company. 169,504; June 19; Serial No. 160,046; published Oct. 10, 1922.
Piston rings. J. R. Davis. 163,048; Jan. 2.
Piston rings. Du Bois Machine Company. 166,739; Apr. 10.
Piston rings. Edmunds, Sundberg & Winstone. 171,943; Aug. 14.
Piston rings, Engine. Indiana Piston Ring Company. 171,675; Aug. 7.
Piston rings. Everyday Piston Ring Company. 167,688; May 8; Serial No. 158,762; published Feb. 6, 1923.
Piston rings. Hooven, Owens, Rentschler Company. 172,549; Sept. 4; Serial No. 173,356; published June 5, 1923.
Piston rings. Keys Piston Ring Co. 165,226; Mar. 6; Serial No. 164,925; published Nov. 14, 1922.
Piston rings. J. O. Laudeman. 163,439; Jan. 9.
Piston rings. Panyard Machine & Mfg. Company. 163,522; Jan. 16.
Piston rings. G. Reese. 176,353; Nov. 20.
Piston rings. Spyroseal Manufacturing Company. 175,807; Nov. 13; Serial No. 143,017; published Sept. 4, 1923.
Piston rings. Super Seal Piston Ring Company. 171,966; Aug. 14.
Piston rings. Taylor Manufacturing Company. 166,325; Mar. 27.
Piston rings. Torsion Test Piston Ring Corporation. 174,686; Oct. 23; Serial No. 179,894; published July 31, 1923.
Piston rings. Twin Piston Ring Corporation. 175,415; Nov. 6; Serial No. 162,699; published Aug. 21, 1923.
Piston rings. United States Hammered Piston Ring Co. 168,081; May 15; Serial No. 140,477; published Dec. 26, 1922.
Piston rings. Vacuum Groove Piston Ring Corporation. 167,523; May 1; Serial No. 165,775; published Dec. 26, 1922.
Piston rings. Welever Piston Ring Company. 167,003; Apr. 17.
Piston rings, belting, hose, machinery packing, and non-metallic tires. Velvet Piston Ring Co. 171,428; Aug. 7; Serial No. 171,824; published May 8, 1923.
Piston rings of internal-combustion engines, Cushion rings for expanding. Thomson-Friedlob Mfg. Co. 165,162; Mar. 6; Serial No. 145,803; published Dec. 5, 1922.
Piston rings, Metallic. Foster, Merriam & Company. 163,065; Jan. 2.
Rings, Piston. Bailey & Company. 173,313; Sept. 18; Serial No. 179,131; published June 19, 1923.
Rings, Piston. T. Zollner. 165,085; Mar. 6; Serial No. 158,513; published Nov. 28, 1922.
Rubber and gutta percha, Goods manufactured from India. Sorbo Rubber-Sponge Products, Ltd. 165,952; Mar. 27; Serial No. 137,551; published Dec. 12, 1922.
Rubber belting. Goodyear Tire & Rubber Company. 177,126; Dec. 11; Serial No. 109,059; published Oct. 7, 1919.
Rubber cushions, packings, gaskets, etc. J. A. Sexauer Mfg. Co. 169,925; July 3.
Rubber hose. E. Schulthess. 172,584; Sept. 11; Serial No. 170,794; published June 5, 1923.
Rubber hose and belting. New York, Rubber Company. 169,148; June 12; Serial No. 160,828; published Feb. 27, 1923.
Rubber jar rings. Cupples Company Manufacturers. 170,129; July 10; Serial No. 158,380; published May 30, 1922.
Rubber jar rings. Cupples Company Manufacturers. 171,414; Aug. 7; Serial No. 172,584; published May 8, 1923.
Rubber lens-supporting gaskets, Flexible. Flexo Lens Protector Company. 166,134; Mar. 27; Serial No. 143,690; published Nov. 28, 1922.
Rubber or part-rubber casings and tires. Federal Rubber Company of Illinois. 174,552–6; Oct. 23; Serial Nos. 161,416–20; published Oct. 31, 1922.
Rubber patches, Sheet-. H. L. Roemer. 165,161; Mar. 6; Serial No. 145,476; published Nov. 7, 1922.
Rubber reenforced with fabric, Hose made of. B. F. Goodrich Company. 168,192; May 15; Serial No. 168,884; published Jan. 30, 1923.
Rubber repair outfits. Rubber-Weld Sales Company. 175,630; Nov. 6; Serial No. 174,215; published Aug. 21, 1923.
Rubber tire treads. G. Valiquette. 171,450; Aug. 7; Serial No. 169,339; published May 1, 1923.
Rubber valve caps. Dayton Rubber Manufacturing Co. 167,687; May 8; Serial No. 158,761; published Feb. 6, 1923.
Rubbers, Fruit-jar. Hamilton Rubber Manufacturing Company. 174,817; Oct. 23; Serial No. 180,862; published July 31, 1923.

Classified list of trade-marks registered—Continued.

Rubbers, Jar. Joannes Bros. Co. 169,846; July 3; Serial No. 172,880; published Apr. 3, 1923.
Steel bands, Hardened and tempered. Sandvikens Jernverks Aktiebolag. 172,838; Sept. 11; Serial No. 178,873; published June 5, 1923.
Tire casing, Outer tires or coverings for pneumatic-. A. J. Stephens Rubber Co. 171,516; Aug. 7; Serial No. 173,306; published Apr. 17, 1923.
Tire casings. Republic Rubber Company. 175,966; Nov. 13; Serial No. 173,300; published Sept. 4, 1923.
Tire casings and inner tubes, Rubber, fabric, or rubber and fabric automobile. Ashland Tire and Rubber Company. 165,418; Mar. 6; Serial No. 152,604; published Oct. 10, 1922.
Tire casings and tubes, Pneumatic-. Dunbar Tire & Rubber Co. 165,223; Mar. 6; Serial No. 165,672; published Nov. 28, 1922.
Tire casings. Automobile. Cord Tire Corporation. 170,660; July 17; Serial No. 167,712; published Apr. 17, 1923.
Tire casings, Pneumatic-. B. F. Goodrich Company. 169,849; July 3; Serial No. 172,472; published Apr. 3, 1923.
Tire casings, Pneumatic rubber. H. B. Christian. 171,745; Aug. 14; Serial No. 166,934; published Mar. 13, 1923.
Tire, Child's wagon. Puffer-Hubbard Manufacturing Company. 175,558; Nov. 6; Serial No. 179,551; published Aug. 21, 1923.
Tire patch, Self-vulcanizing. L. A. Finstick. 170,094; July 10; Serial No. 169,582; published Apr. 3, 1923.
Tire patches, Automobile. Leech Tire Patch Company. 163,108; Jan. 2.
Tire reenforcements. American Automobile Accessories Company. 166,109; Mar. 27; Serial No. 149,948; published Oct. 10, 1922.
Tire-repair materials, Adhesive. B. F. Goodrich Company. 163,077; Jan. 2.
Tire tubes. United States Tire Company. 163,194; Jan. 2.
Tires. Denman Myers Cord Tire Company. 175,179; Oct. 30; Serial No. 181,252; published Aug. 14, 1923.
Tires. Federal Rubber Company of Illinois. 174,896; Oct. 23; Serial No. 178,336; published June 5, 1923.
Tires. Hungarian Rubber Goods Factory Limited. 171,419; Aug. 7; Serial No. 172,332; published May 1, 1923.
Tires. Miller Rubber Company. 175,838; Nov. 13; Serial No. 181,762; published Sept. 4, 1923.
Tires and automobile tubes and casings, Bicycle. Simmons Hardware Company. 175,081; Oct. 30; Serial No. 169,259; published Aug. 14, 1923.
Tires and fabric belting, Endless woven cord fabrics for use in the manufacture of. Stockton Commission Co. 168,092; May 15; Serial No. 162,315; published Feb. 20, 1923.
Tires and inner tubes. L. L. Chadwin. 165,299; Mar. 6; Serial No. 164,582; published Nov. 14, 1922.
Tires and inner tubes. L. L. Chadwin. 170,487; July 17; Serial No. 172,512; published Apr. 24, 1923.
Tires and inner tubes. "81" Tire Stores. 169,743; June 26.
Tires and inner tubes. George Spencer, Moulton & Co. Ltd. 170,593; July 17; Serial No. 151,299; published Apr. 24, 1923.
Tires and inner tubes, Adhesive patches for automobile. Iron Clad Patch Laboratories Inc. 173,113; Sept. 18; Serial No. 171,083; published June 12, 1923.
Tires and inner tubes for pneumatic tires, Elastic vehicle. Star Rubber Company. 173,120; Sept. 18; Serial No. 164,559; published June 12, 1923.
Tires and inner tubes, Nonmetallic pneumatic. Globe Rubber Tire Manufacturing Co. 169,865; July 3; Serial No. 175,589; published Apr. 3, 1923.
Tires and inner tubes. Patches for fabric. W. G. Hennenhofer. 163,086; Jan. 2.
Tires and inner tubes, Pneumatic. Bell Tire Company Incorporated. 167,513; May 1; Serial No. 164,784; published Jan. 2, 1923.
Tires and inner tubes, Pneumatic automobile. Jack Tire & Rubber Company. 171,899; Aug. 14.
Tires and inner tubes, Pneumatic automobile. Jack Tire & Rubber Company. 175,560; Nov. 6; Serial No. 179,601; published Aug. 21, 1923.
Tires and inner tubes, Pneumatic vehicle. India Tire and Rubber Company. 169,141; June 12; Serial No. 155,757; published Mar. 13, 1923.
Tires and inner tubes, Resilient vehicle. Oldfield Tire Company. 163,143; Jan. 2.
Tires and inner tubes, Resilient vehicle. Oldfield Tire Company. 165,922; Mar. 20.
Tires and inner tubes, Rubber. L. L. Chadwin. 174,431; Oct. 16; Serial No. 179,030; published July 3, 1923.
Tires and inner tubes, Rubber. Mid Continent Tire Manufacturing Company. 170,600; July 17; Serial No. 118,089; published Apr. 24, 1923.
Tires and rubber inner tubes, Rubber vehicle. Merritt Rubber Co. 163,128; Jan. 2.
Tires and rubber tubes therefor, Vehicle. Fisk Rubber Company. 172,443; Aug. 28; Serial No. 171,454; published May 29, 1923.
Tires and tubes. Associated Tire Stores Corporation. 175,695; Nov. 6
Tires and tubes, Rubber. Fisk Rubber Company. 168,118; May 15; Serial No. 155,812; published Jan. 30, 1923.
Tires and tubes, Rubber. C. Kenyon Company. 168,357; May 22; Serial No. 165,960; published Feb. 20, 1923.
Tires and tubes, Rubber. National Tire & Rubber Company. 163,517; Jan. 16.
Tires and tubes, Rubber. National Tire & Rubber Company. 171,383; Aug. 7; Serial No. 142,802; published May 1, 1923.
Tires and tubes, Rubber pneumatic. Columbia Tire & Rubber Company. 165,245; Mar. 6.
Tires and tubes, Rubber vehicle. Hood Rubber Company. 169,179; June 12; Serial No. 169,674; published Mar. 20, 1923.
Tires, auto tire flaps, reliners, etc., Elastic vehicle. Sieberling Rubber Company. 172,503; Aug. 28.
Tires, Automobile. Central Automobile Tire Company. 169,031; May 29.
Tires, Automobile. Western Rubber Company. 168,520; May 22.
Tires, Automobile rubber. American Wholesale Corporation (Baltimore Bargain House). 165,420; Mar. 6; Serial No. 153,170; published Oct. 17, 1922.
Tires, Cord and fabric. McLean Tire and Rubber Company. 171,928; Aug. 14.
Tires, Casings and tubes of pneumatic. Aladdin Tire Corporation. 168,819; May 29; Serial No. 170,109; published Feb. 13, 1923.
Tires, Elastic vehicle. Norwalk Tire & Rubber Company. 174,619; Oct. 23; Serial No. 179,315; published July 31, 1923.
Tires for motor vehicles, Rubber. New Process Company. 163,243; Jan. 2.
Tires for vehicles, Rubber or rubber and fabric. Racine Rubber Company. 165,078; Mar. 6; Serial No. 159,290½; published Dec. 5, 1922.
Tires, Inner armor or reliner for automobile. American Automobile Accessories Company. 171,490; Aug. 7; Serial No. 120,271; published May 22, 1923.
Tires, inner tubes, and accessories. Firestone Tire and Rubber Company. 165,169; Mar. 6; Serial No. 118,262; published Oct. 17, 1922.
Tires, inner tubes, etc., Vehicle. Ideal Tire and Rubber Company. 169,302; June 12; Serial No. 167,817; published Mar. 27, 1923.
Tires, inner tubes, etc., Vehicle. Ideal Tire and Rubber Company. 170,588; July 17; Serial No. 155,968; published Apr. 1, 1923.
Tires, Inner tubes for pneumatic. Inner Guard Tube & Rubber Company. 169,563; June 19.
Tires, Inner tubes for pneumatic, cord, and fabric. Columbia Tire & Rubber Company. 167,142; Apr. 24; Serial No. 156,776; published Mar. 14, 1922.
Tires, inner tubes, tire casings, and shoes, and repair parts, Vehicle. Ideal Tire and Rubber Co. 175,911; Nov. 13; Serial No. 155,967; published Feb. 21, 1922.
Tires, inner tubes, tire casings and shoes, etc., Vehicle. Ideal Tire and Rubber Company. 168,179; May 15; Serial No. 169,401; published Jan. 30, 1923.
Tires, inner tubes, tire covers, etc. A. L. Hunt. 168,790; May 29; Serial No. 131,214; published June 20, 1922.
Tires, Nonmetallic. Badger Rubber Works. 171,731; Aug. 14; Serial No. 170,267; published Apr. 3, 1923.
Tires, outside and inside tire sleeves, etc., Vehicle. Federal Rubber Company. 169,274; June 12; Serial No. 146,898; published Nov. 22, 1921.
Tires, packing, inner tubes, etc., Vehicle. Federal Rubber Company. 169,275; June 12; Serial No. 146,891; published Nov. 22, 1921.
Tires, Patch for. O. K. Patch Company. 168,544; May 29; Serial No. 158,579; published Nov. 14, 1922.
Tires, patches, etc., Automobile. R. E. McCaughn. 165,382; Mar. 6; Serial No. 159,878; published Oct. 24, 1922.
Tires, Pneumatic. Willys-Overland Company. 169,131; June 12; Serial No. 123,149; published Feb. 27, 1923.
Tires, Pneumatic vehicle. Carlisle Tire Corporation. 169,736; June 26.
Tires, Pneumatic vehicle. Empire Tire & Rubber Corporation. 171,468; Aug. 7; Serial No. 166,223; published Apr. 17, 1923.
Tires, Resilient vehicle. Kelly-Springfield Tire Co. 169,306; June 12; Serial No. 168,046; published Mar. 27, 1923.
Tires, Rubber. Coast Tire and Rubber Company. 175,557; Nov. 6; Serial No. 179,657; published Aug. 21, 1923.
Tires, Rubber. Denman Myers Cord Tire Co. 166,986; Apr. 17.
Tires, Rubber. Doscat Tire & Rubber Corporation. 171,420; Aug. 7; Serial No. 172,260; published Apr. 3, 1923.
Tires, Rubber. Fisk Rubber Company. 163,320; Jan. 9.
Tires, Rubber. Fisk Rubber Company. 170,546; July 17; Serial No. 173,186; published Apr. 24, 1923.
Tires, Rubber. Fisk Rubber Company. 171,418; Aug. 7; Serial No. 172,416; published May 1, 1923.
Tires, Rubber. S. H. Goldberg. 165,170; Mar. 6; Serial No. 119,190; published Oct. 10, 1922.
Tires, Rubber. Goodyear Tire & Rubber Company. 167,685; May 8; Serial No. 156,991; published Feb. 6, 1923.

Tires, Rubber. Henderson Tire & Rubber Co. 168,190; May 15; Serial No. 168,926; published Jan. 30, 1923.
Tires, Rubber. Overman Cushion Tire Co.; 168,240; May 15; Serial No. 167,091; published Jan. 30.
Tires, Rubber. Overman Cushion Tire Company. 168,241–3; May 15; Serial Nos. 167,093–5; published Jan. 30, 1923.
Tires, Rubber and fabric. Brunswick-Balke-Collender Company. 174,437; Oct. 16; Serial No. 177,951; published July 17, 1923.
Tires, Rubber and fabric. Brunswick-Balke-Collender Company. 174,569; Oct. 23; Serial No. 177,952; published July 24, 1923.
Tires, Rubber automobile. Chicago City Rubber Works. 163,037; Jan. 2.
Tires, Rubber cushion. Lambert Tire & Rubber Company. 168,182; May 15; Serial No. 169,309; published Jan. 30, 1923.
Tires, Rubber tubes for pneumatic. Packard Motor Car Company of New York. 174,849; Oct. 23; Serial No. 177,510; published July 31, 1923.
Tires, Rubber vehicle. Standard Tire Company. 165,171; Mar. 6; Serial No. 126,826; published Oct. 3, 1922.
Tires, Solid and pneumatic rubber and fabric. Miller Rubber Company. 170,629; July 17; Serial No. 174,791; published Apr. 24, 1923.
Tires. Solid rubber. Massachusetts Tire Sales Co. 176,356; Nov. 20.
Tires, Subcasings of fabric, rubber, and gum for. A. J. Stephens Rubber Co. 163,180; Jan. 2.
Tires, tire casings, inner tubes, Rubber. General Tire and Rubber Company. 169,130; June 12; Serial No. 114,161; published Feb. 27, 1923.
Tires, tubes, patches, and plasters. American Rubber & Tire Co. 165,242; Mar. 6.
Tires, tubes, patches, hose, etc. Stanley Glidden Co. 170,687; July 17.
Tires, tubes, patches, hose, etc., Rubber. Stanley Glidden Co. 170,207; July 10; Serial No. 121,766; published Apr. 10, 1923.
Tires, Vehicle. Goodyear Tire & Rubber Company. 163,866; Jan. 30.
Transmission and brake linings. Advance Automobile Accessories Corp. 177,836; Dec. 25.
Transmission lining. Pacific Coast Rubber & Supply Co. 173,066; Sept. 11.
Transmission linings. L. L. Libby. 169,142; June 12; Serial No. 156,284; published Mar. 13, 1923.
Tubes and tire casings, Inner. E. H. Sprague. 163,823; Jan. 30.
Tubes, Inner. B. F. Goodrich Company. 172,888; Sept. 11; Serial No. 175,720; published June 5, 1923.
Tubes, Inner. S. Hershenstein. 168,197; May 15; Serial No. 166,000; published Jan. 30, 1923.
Tubes, inner-tube patches, and blow-out patches, Inner. W. C. Quarles Co. 165,227; Mar. 6; Serial No. 164,115; published Oct. 31, 1922.
Tubes, Pneumatic. North American Process Company. 169,194; June 12; Serial No. 169,919; published Feb. 27, 1923.
Tubes, Repair patches for pneumatic. H. E. Conroy. 167,445; May 1; Serial No. 160,582; published Jan. 2, 1923.
Vulcanizer, Portable. Du-All Manufacturing Company. 165,377; Mar. 6; Serial No. 160,238; published Nov. 14, 1922.

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Banjo mandolins, banjo guitars, tenor banjos, and banjo ukuleles. Oscar Schmidt Inc. 164,405; Feb. 20.
Clarinets and saxophones, Wooden reeds for use in. Simson & Frey, Inc. 164,720; Feb. 27.
Cornets. Lyon & Healy. 175,820; Nov. 13; Serial No. 161,325; published Aug. 7, 1923.
Disks for recording the human voice, Metal. Usinga Disc Corporation. 175,921; Nov. 13; Serial No. 180,251; published Aug. 7, 1923.
Flutes and piccolos. Wm. S. Haynes Co. 166,575; Apr. 10; Serial No. 171,215; published Jan. 23, 1923.
Flutes and piccolos. Wm. S. Haynes Co. 167,360; May 1; Serial No. 171,216; published Jan. 30, 1923.
Guitars, mandolins, banjos, and zithers. W. J. Dyer & Bro. 23,193; renewed June 13, 1923.
Harmonicas, Mouth. American Wholesale Corporation (Baltimore Bargain House). 174,389; Oct. 16; Serial No. 172,816; published June 19, 1923.
Harmonicas, Mouth. M. Hohner. 168,408–9; May 22; Serial Nos. 171,420–1; published Feb. 20, 1923.
Harmonicas, Mouth. M. Hohner. 174,874; Oct. 23; Serial No. 180,180; published July 24, 1923.
Harmonicas, Mouth. M. Hohner. 175,786; Nov. 13; Serial No. 179,794; published Aug. 21, 1923.
Harmonicas, Mouth. Matth. Hohner Akt. Ges. 177,643; Dec. 25; Serial No. 138,330; published June 12, 1923.
Mouthpieces of reed wind instruments. Naujoks-McLaughlin. 175,732; Nov. 13; Serial No. 179,052; published Sept. 4, 1923.
Music rolls and combination music and word rolls for player pianos. International Player Roll Company. 164,310; Feb. 20.
Music rolls for automatic pianos, Perforated. Juan Bautista Blancafort S. en C. 170,209; July 10; Serial No. 141,348; published Apr. 3, 1923.
Music rolls, Perforated. N. Cardilli. 175,848; Nov. 13; Serial No. 180,584; published Aug. 21, 1923.
Music rolls, Perforated. United States Music Company. 164,157; Feb. 13.
Musical instruments. C. Bruno & Son, Inc. 174,215; Oct. 16; Serial No. 177,543; published June 12, 1923.
Musical instruments. A. Buffet. 169,734; June 26.
Musical instruments. Lyon & Healy. 169,493; June 19; Serial No. 148,605; published Mar. 27, 1923.
Musical instruments and supplies. Baldur-Pianoforte-Fabrik Aktien-Gesellschaft. 166,533; Apr. 10; Serial No. 164,787; published Jan. 2, 1923.
Musical instruments and supplies. Elkhart Band Instrument Company. 168,129; May 15; Serial No. 170,972; published Feb. 6, 1923.
Musical instruments and supplies therefor. Circle Music Publishing Company. 175,770; Nov. 13; Serial No. 177,216; published Aug. 21, 1923.
Musical instruments, merchandise, and goods. Lyon & Healy. 174,345; Oct. 16; Serial No. 144,290; published June 12, 1923.
Musical instruments, Music rolls for self-playing. Italian Book Co. 169,510; June 19; Serial No. 171,922; published Mar. 27, 1923.
Musical instruments, parts, and strings therefor, Stringed. H. A. Weymann & Son, Inc. 172,269–70; Aug. 28; Serial Nos. 177,534–5; published May 15, 1923.
Musical instruments, Strings for stringed. Schmidt-Holland Inc. 174,381; Oct. 16; Serial No. 161,652; published June 26, 1923.
Musical instruments when not in use, Racks for supporting. Saxrac Company. 175,764; Nov. 13; Serial No. 169,530; published Aug. 21, 1923.
Musical instruments, Wind. Besson & Co. Ltd. 175,902; Nov. 13; Serial No. 177,066; published Aug. 21, 1923.
Orchestrions, pianos, organs, etc. Philipps Aktien-Gesellschaft. 172,694; Sept. 11; Serial No. 135,212; published May 29, 1923.
Organs, accordions, flutes, and flageolets, Mouth. M. F. Albert. 169,176; June 12; Serial No. 169,488; published Mar. 6, 1923.
Organs, pianos, harps, and parts of such instruments. L. van der Heyden a Hauzeur. 177,644; Dec. 25; Serial No. 147,279; published Oct. 9, 1923.
Phonograph accessories. F. R. Witman. 170,817; July 24; Serial No. 170,964; published Apr. 24, 1923.
Phonograph motors, Spring. Thomas Manufacturing Company. 164,210; Feb. 13.
Phonograph-needle holders for sound boxes. W. Van Sands. 177,755; Dec. 25; Serial No. 178,482; published Oct. 9, 1923.
Phonograph-needle holders for sound boxes. W. Van Sands. 177,757; Dec. 25; Serial No. 178,418; published Oct. 9, 1923.
Phonograph needles. S. Eshborn. 164,445; Feb. 20.
Phonograph needles. Gold Seal Co. 166,582; Apr. 10; Serial No. 171,992; published Jan. 23, 1923.
Phonograph needles. Wall-Kane Needle Mfg. Co. 171,271; July 31.
Phonograph needles. A. F. Willat. 166,534; Apr. 10; Serial No. 163,205; published Dec. 26, 1922.
Phonograph needles or styli. S. Wilensky. 170,530; July 17; Serial No. 174,225; published Feb. 20, 1923.
Phonograph-record cabinets. National Record Exchange Company. 173,606; Oct. 2; Serial No. 159,717; published June 19, 1923.
Phonograph records. Lincoln Record Corporation. 174,877; Oct. 23; Serial No. 180,133; published July 24, 1923.
Phonograph records. W. C. Peak. 174,422; Oct. 16; Serial No. 170,209; published June 26, 1923.
Phonograph records. Sears, Roebuck and Company. 170,708; July 24; Serial No. 140,072; published Apr. 24, 1923.
Phonograph records for use in teaching music. F. M. Schneider. 166,532; Apr. 10; Serial No. 165,039; published Dec. 26, 1922.
Phonograph repeating attachment. Gold Seal Co. 166,539; Apr. 10; Serial No. 159,258; published Jan. 9, 1923.
Phonographs. Chautauqua Phonograph Company. 175,750; Nov. 13; Serial No. 165,580; published Aug. 21, 1923.
Phonographs. E. L. Corle. 175,748; Nov. 13; Serial No. 164,157; published Aug. 21, 1923.
Phonographs. Federal Electric Company. 166,131; Mar. 27; Serial No. 140,792; published May 30, 1922.
Phonographs. Goldenola Talking Machine Co. 172,407; Aug. 28; Serial No. 174,732; published May 15, 1923.
Phonographs. J. Hirshberg Co. 164,306; Feb. 20.
Phonographs. Lansburgh & Brother. 166,577; Apr. 10; Serial No. 171,424; published Jan. 23, 1923.
Phonographs. Lyradion Manufacturing Company. 174,321; Oct. 16; Serial No. 177,790; published June 26, 1923.
Phonographs. Manufacturers Phonograph Co. 163,512; Jan. 16.
Phonographs. Outing Talking Machine Co. 169,414; June 12.

Classified list of trade-marks registered—Continued.

Phonographs, parts thereof, and phonograph records. F. F. Nelson. 175,925; Nov. 13; Serial No. 179,948; published Aug. 21, 1923.
Phonographs. Plaza Music Company. 175,730; Nov. 13; Serial No. 179,110; published Aug. 21, 1923.
Phonographs. H. A. Robbins. 169,357; June 12; Serial No. 172,439; published Feb. 27, 1923.
Phonographs and articles used therewith. Charming Phonograph Company. 164,713; Feb. 27.
Phonographs and other talking machines, Reproducers for. Claravox Company. 169,183; June 12; Serial No. 172,583; published Mar. 6, 1923.
Phonographs and parts thereof. O. W. Richardson & Co. 169,506; June 19; Serial No. 171,038; published Mar. 27, 1923.
Phonographs and parts thereof. Rosen & Listengart. 174,627; Oct. 23; Serial No. 179,558; published July 24, 1923.
Phonographs and phonograph accessories. S. Eshborn, 174,391; Oct. 16; Serial No. 173,702; published June 26, 1923.
Phonographs and phonograph records. James A. Hearn & Son Inc. 166,593; Apr. 10; Serial No. 165,994; published Jan. 9, 1923.
Phonographs, Mechanical motors for. Qualitiphone Incorporated. 164,716; Feb. 27.
Phonographs or talking machines and parts thereof. Lyures Company. 166,555; Apr. 10; Serial No. 170,941; published Jan. 23, 1923.
Phonographs, phonograph records and needles, etc. Sears, Roebuck and Co. 167,620; May 1; Serial No. 125,254; published Jan. 10, 1923.
Phonographs, Sound boxes for. Sears, Roebuck and Company. 172,002; Aug. 21; Serial No. 140,073; published May 8, 1923.
Phonographs, Sound-record tablets and recording attachments for. H. A. Miller. 173,005; Sept. 11; Serial No. 177,797; published June 5, 1923.
Phonographs, talking and musical machines, phonograph needles. Polyphonwerke Aktiengesellschaft. 171,039; July 31; Serial No. 145,583; published Apr. 24, 1923.
Phonographs, talking machines, and reproducers, horns, etc. Supplee-Biddle Hardware Company. 174,349; Oct. 16; Serial No. 140,683; published June 19, 1923.
Phonographs, talking machines, and sound records. B. Rubin. 165,413; Mar. 6; Serial No. 133,594; published Aug. 10, 1920.
Phonographs, Vocaltone-Pianotina Co. 167,322; Apr. 24.
Phonographic apparatus, Device for controlling the starting and stopping of. Thomas A. Edison, Incorporated. 172,259; Aug. 28; Serial No. 139,518; published May 15, 1923.
Phonographic note disks, note cylinders, and sound plates or records, etc. Polyphonwerke Aktiengesellschaft. 167,353; May 1; Serial No. 145,585; published Jan. 30, 1923.
Pianofortes, pianos, and phonographs. Jacob Doll & Sons. 175,729; Nov. 13; Serial No. 179,138; published Aug. 21, 1923.
Pianofortes, pianos, and phonographs. Frederick Piano Company. 175,798; Nov. 13; Serial No. 179,594; published Aug. 21, 1923.
Piano-player actions. King Player Action Company. 170,734; July 24; Serial No. 172,420; published Apr. 24, 1923.
Pianos. D. H. Baldwin & Co. 20,903; renewed Mar. 29, 1922.
Pianos. H. C. Bay Company. 169,188; June 12; Serial No. 173,069; published Mar. 6, 1923.
Pianos. Central Piano Co. 166,545; Apr. 10; Serial No. 149,890; published Dec. 26, 1922.
Pianos. V. G. Paradiso. 175,211; Oct. 30.
Pianos. Spector & Son Piano Co. 167,755; May 8; Serial No. 170,602; published Feb. 6, 1923.
Pianos. Union Piano Company. 174,548; Oct. 16.
Pianos. O. W. Wuertz Co. 176,776; Nov. 27.
Pianos and phonographs. H. Lehr. 173,002; Sept. 11; Serial No. 177,494; published June 5, 1923.
Pianos and phonographs. May Department Stores Company. 168,423; May 22; Serial No. 172,385; published Feb. 20, 1923.
Pianos and piano players, Player. Baldwin Company. 165,257; Mar. 6; Serial No. 167,705; published Dec. 19, 1922.
Pianos and player pianos. Baldwin Company. 165,628; Mar. 13.
Pianos and player pianos. Cable-Nelson Piano Company. 170,960; July 24.
Pianos and player pianos. Kohler & Campbell, Incorporated. 167,987; May 8.
Pianos and player pianos. Lester Piano Company. 169,001; May 29.
Pianos and player pianos. Seger & Sons Piano Manufacturing Company. 166,718; Apr. 10; Serial No. 148,678; published Jan. 2, 1923.
Pianos and player pianos. Werner Industries Company. 166,568; Apr. 10; Serial No. 166,755–6; published Dec. 26, 1922.
Pianos and player pianos. Werner Industries Company. 166,676; Apr. 10; Serial No. 166,756; published Dec. 26, 1922.
Pianos, phonographs, and records, Player. Starr Piano Company. 175,806; Nov. 13; Serial No. 135,764; published Aug. 7, 1923.
Pianos, piano players, pianos, organs, Player. M. Steinert & Sons Co. 165,330; Mar. 6; Serial No. 154,670; published Nov. 14, 1922.
Pianos, Player. F. D. Darrow. 177,788; Dec. 25.
Pianos, player and reproducing pianos, and parts thereof. United Piano Corporation. 164,396; Feb. 20.
Pianos, player pianos, and piano players. Baldwin Company. 177,746; Dec. 25; Serial No. 180,264; published Oct. 9, 1923.
Pianos, player pianos, etc. Wellsmore & Co. 170,959; July 24.
Pianos, violins, guitars, banjos, and talking machines. Goldsmith's Music Store Co. 167,326; Apr. 24.
Pianos, violins, guitars, banjos, and talking machines. Goldsmith's Music Store Co. 167,328; Apr. 24.
Record brush, phonographs, needles for talking machines, etc., Disk-. Lansburgh & Bro. 177,847; Dec. 25.
Reproducers, tone arms, tone modifiers, and automatic stops. Jewel Phonoparts Company. 166,544; Apr. 10; Serial No. 150,539; published Dec. 26, 1922.
Saxophone and clarinet reeds. G. E. Lefebvre. 172,428; Aug. 28; Serial No. 176,195; published May 15, 1923.
Saxophones. Saxophone Shop. 168,133; May 15; Serial No. 170,790; published Feb. 20, 1923.
Table and phonograph, phonographs, etc., Combination library. Westphono Incorporated. 174,313; Oct. 9.
Talking-machine and phonograph needles. General Phonograph Corporation. 174,919; Oct. 23.
Talking-machine needles. W. H. Bagshaw Co. 167,991; May 8.
Talking-machine needles. Jordan Marsh Company. 166,584; Apr. 10; Serial No. 172,419; published Jan. 23, 1923.
Talking-machine needles. H. J. Wenglein's Norica- & Herold-Werke Nürnberg-Schwabacher Nadelfabriken, G. m. b. H. 168,366; May 22; Serial No. 164,621; published Feb. 20, 1923.
Talking-machine needles, talking machines, etc. L. J. Unger. 164,658; Feb. 27.
Talking-machine-record albums. Jordan Marsh Company. 172,146; Aug. 21; Serial No. 177,976; published May 8, 1923.
Talking-machine record, talking-machine, radio, and player-piano-roll cabinets. Udell Works. 167,781; May 8; Serial No. 171,110; published Jan. 30, 1923.
Talking-machine records. G. H. Davis. 166,583; Apr. 10; Serial No. 172,148; published Jan. 23, 1923.
Talking-machine records. Federal Record Corporation. 169,107; June 5.
Talking machines. Duophone Syndicate Limited. 177,662; Dec. 25; Serial No. 181,015; published Oct. 9, 1923.
Talking machines. Jordan Marsh Company. 165,212; Mar. 6; Serial No. 166,454; published Nov. 28, 1922.
Talking machines and phonographs. Sonora, Inc. 171,276; July 31.
Talking machines and pianos. L. Bamberger & Co. 176,777; Nov. 27.
Talking machines and talking-machine records. Societa Italiana di Fonotipia. 172,860; Sept. 11; Serial No 170,045; published June 5, 1923.
Talking machines, reproducers, recorders, etc. Voluma Corporation. 174,340; Oct. 16; Serial No. 155,328; published June 19, 1923.
Trumpets, cornets, trombones, band and orchestra horns, etc. H. N. White Company. 165,363; Mar. 6; Serial No. 166,730; published Nov. 28, 1922.
Ukulele and banjo pegs, ukulele, mandolin, banjo, and guitar tailpieces, etc. Waverly Musical Products Co. 169,190; June 12; Serial No. 174,601; published Mar. 6, 1923.
Violins and similar musical instruments, Strings for. A. Burdwise. 165,261; Mar. 6; Serial No. 167,378; published Nov. 28, 1922.
Violins and similar musical instruments, Strings for. M. Selbach. 172,863; Sept. 11; Serial No. 171,287; published June 5, 1923.
Violins and similar musical instruments, Strings for. Simson & Frey, Inc. 170,458; July 17; Serial No. 172,561; published Apr. 3, 1923.
Violins and violin bows. M. E. Schoening Co. 177,827; Dec. 25.
Violins, guitars, mandolins, etc. Gustav Pirazzi & Comp. 167,429; May 1; Serial No. 164,825; published Jan. 30, 1923.
Violins, violas, violoncellos, double basses, tango banjos, etc., Strings for. Gibson Musical String Co. 166,337; Mar. 27.
Wind-instrument mouthpiece. W. H. Bickett. 171,961; Aug. 14.
Xylophones. J. C. Deagan, Inc. 174,862; Oct. 23; Serial No. 180,529; published July 24, 1923.

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Albums. G. Gennert, Inc. 173,262; Sept. 18; Serial No. 175,423; published June 12, 1923.
Announcements. Richter Card & Paper Co. 174,281; Oct. 9; Serial No. 179,224; published July 3, 1923.
Apple wrappers. F. C. Strype. 171,005; July 31; Serial No. 176,924; published May 15, 1923.

Binders and books, book bindings, envelopes, letterheads, etc., Loose-leaf. Hawkeye Bindery Company. 168,222; May 15; Serial No. 172,273; published Feb. 13, 1923.
Binders and leaves therefor, Loose-leaf. United Autographic Register Co. 174,663; Oct. 23; Serial No. 169,993; published July 24, 1923.
Binders, Loose-leaf. Irving-Pitt Manufacturing Company. 163,473; Jan. 16.
Binders, Loose-leaf. A. B. Plushkell. 177,391; Dec. 18; Serial No. 181,864; published Oct. 2, 1923.
Binders, Loose-leaf. U-File-M Binder Mfg. Company. 166,123; Mar. 27; Serial No. 152,904; published Aug. 1, 1922.
Blank forms, Printed. P. L. Hawks. 165,831; Mar. 20; Serial No. 171,359; published Jan. 2, 1923.
Blotters. Standard Paper Manufacturing Co. 170,116; July 10; Serial No. 161,283; published Apr. 3, 1923.
Book and catalogue covers and decorative effects. David J. Molloy Company. 176,033; Nov. 13; Serial No. 179,378; published Aug. 28, 1923.
Bookkeeping forms, binders, and indexes, Loose-leaf. Charles R. Hadley Company. 165,700; Mar. 20; Serial No. 170,017; published Dec. 12, 1922.
Bookkeeping record and correspondence blank forms, Loan societies'. Hawkins Mortgage Co. 168,883; May 29; Serial No. 167,396; published Mar. 13, 1923.
Books and binders, Renewable-leaf. G. A. Bennett. 165,826; Mar. 20; Serial No. 171,892; published Jan. 2, 1923.
Books and filing cards for bookkeeping purposes, Receipt. W. A. Ringler. 174,251; Oct. 9; Serial No. 160,434; published July 10, 1923.
Books, application blanks, grade cards, chalk, crayon, pencils, etc., Blank cash. A. B. Metcalfe. 165,526; Mar. 13; Serial No. 157,673; published Oct. 10, 1922.
Books, Blank-form. J. I. Cook. 173,474; Sept. 25; Serial No. 176,165; published June 19, 1923.
Books, Blank record. Forbes Publishing Co. 168,557; May 29; Serial No. 161,982; published Feb. 20, 1923.
Books, Composition, memorandum, and note. A. Haupt. 166,781; Apr. 10.
Books, Memoranda. Clipper Belt Lacer Company. 172,120; Aug. 21; Serial No. 175,301; published May 22, 1923.
Books of accounting and packages and pages therefor, Loose-leaf. Simplicity Sales Company. 173,744; Oct. 2; Serial No. 178,068; published June 19, 1923.
Books of blank forms. Brooks-Wilbor-Parsons Company. 175,287; Nov. 6; Serial No. 123,328; published Aug. 14, 1923.
Books, pads, and tablets, etc., Blank. Boorum & Pease Company. 163,898; Feb. 6.
Books, pamphlets, and papers, Binders for. Weber & McCrea. 175,318; Nov. 6; Serial No. 180,996; published Aug. 21, 1923.
Books, Pass. William Mann Company. 168,155; May 15; Serial No. 173,266; published Feb. 13, 1923.
Books, Score. James W. Brine Company. 174,678; Oct. 23; Serial No. 172,730; published July 24, 1923.
Bread wrappers. Potter-Wrightington, Inc. 170,466; July 17; Serial No. 164,187; published Apr. 10, 1923.
Bristol. Index. American Writing Paper Company. 176,104; Nov. 13.
Card indexes, index cards, cases, cabinets, etc. Index Visible, Inc. 174,783; Oct. 23; Serial No. 148,279; published July 24, 1923.
Cardboard, and correspondence paper and envelopes. Allan & Gray. 167,997; May 8.
Cardboard and fine correspondence paper and envelopes. Allan & Gray. 163,268–9; Jan. 9.
Cardboard and fine correspondence paper and envelopes. Allan & Gray. 177,589; Dec. 18.
Cards, Correspondence. Highland Manufacturing Company. 166,280; Mar. 27.
Checks, Bank. Bankers Supply Co. 173,042; Sept. 11; Serial No. 179,391; published June 5, 1923.
Cloth boards. Manchester Board & Paper Co. 174,914; Oct. 23.
Crayons. Milton Bradley Company. 177,804–5; Dec. 25.
Crayons and pencils. American Crayon Company. 171,221; July 31; Serial No. 177,347; published May 8, 1923.
Crayons, chalks, and pencils. American Crayon Company. 170,248; July 10; Serial No. 171,440; published Apr. 3, 1923.
Crayons, color atlas, individual color charts, color score cards, etc. Munsell Color Company. 167,696; May 8; Serial No. 167,683; published Feb. 20, 1923.
Currency straps of $500 denominations. Spurgin Manufacturing Company. 172,271; Aug. 28; Serial No. 177,575; published May 29, 1923.
Desk sets, pens, writing paper, etc. Gorham Manufacturing Company. 175,293; Nov. 6; Serial No. 152,245; published Aug. 14, 1923.
Diaries. Carey Printing Company. 165,535; Mar. 13; Serial No. 159,342; published Dec. 19, 1922.
Display stands or easels. C. W. Lasher, jr. 170,271; July 10; Serial No. 174,251; published Apr. 10, 1923.
Duplicating apparatus and accessories thereto, etc. D. Gestetner Limited. 174,275; Oct. 9; Serial No. 178,175; published July 10, 1923.
Duplicating rolls. Beck Duplicator Company. 176,702; Nov. 27; Serial No. 177,065; published Sept. 11, 1923.
Easels for supporting advertising cards, Cardboard. New Method Die & Cut-Out Co. 174,502; Oct. 16; Serial No. 181,304; published July 24, 1923.
Envelopes. Kovacs and Meszaros. 171,146; July 31; Serial No. 162,179; published May 1, 1923.
Envelopes. J. W. Lindau, jr. 167,665; May 8; Serial No. 169,979; published Feb. 20, 1923.
Envelopes. Seeplain Envelope Company. 165,929; Mar. 20.
Envelopes. Sewell-Clapp-Envelopes. 166,938; Apr. 17; Serial No. 171,288; published Jan. 16, 1923.
Envelopes and paper. Edgar C. Ruwe Company. 172,691; Sept. 11; Serial No. 154,889; published June 5, 1923.
Envelope blanks, Stationery. Workman Manufacturing Company. 166,825; Apr. 17; Serial No. 171,882; published Feb. 6, 1923.
Envelopes, Mailing. American Envelope Company. 163,487; Jan. 16.
Envelopes, Window. Wolf Brothers. 172,897; Sept. 11; Serial No. 178,942; published June 5, 1923.
Erasers. Blackboard. Associated Manufacturers Co. 175,279; Oct. 30.
Erasers, lead pencils, rubber bands, etc. American Lead Pencil Company. 168,708; May 29; Serial No. 154,425; published Mar. 13, 1923.
Fiber board and automobile panel material. G. E. Gagnier. 177,552–3; Dec. 18; Serial Nos. 183,107–8; published Oct. 2, 1923.
Files. W. E. Thayer Company. 175,311; Nov. 6; Serial No. 157,781; published Aug. 14, 1923.
Files, Letter. A. Graf. 163,327; Jan. 9.
Folders, cards, guides, stationery, etc. United Business Equipment Co. 175,322; Nov. 6; Serial No. 180,910; published Aug. 21, 1923.
Forms, loose-leaf covers and fillers, blank, order, and plan books, etc., Printed. S. C. Stephenson. 163,951; Feb. 6.
Index guides, record cards, card alphabets, and folders, Blank. Wabash Cabinet Co. 166,982; Apr. 17.
Indexes, index cards, index-card cases, etc., Card. Index Visible, Inc. 171,963; Aug. 14.
Inkwell bases, sponge cups, desk pads, etc. L. D. Schroy Company. 175,327; Nov. 6; Serial No. 180,725; published Aug. 14, 1923.
Labeling clips for use with loose-leaf binders. Benj. D. Benson & Sons, Inc.. 173,152; Sept. 18; Serial No. 152,536; published June 19, 1923.
Labels and paper, Gummed. Mid-States Gummed Paper Co. 164,186–7; Feb. 13.
Labels, Gummed. Grand Rapids Label Co. 163,328; Jan. 9.
Leads and lead containers. Wahl Company. 177,640; Dec. 25; Serial No. 145,483; published Oct. 9, 1923.
Ledgers, Loose-leaf. National Blank Book Co. 168,253; May 15; Serial No. 172,548; published Feb. 27, 1923.
Letter sheets and mailing or correspondence envelopes, etc. C. L. Benedict. 168,211; May 15; Serial No. 151,935; published Feb. 13, 1923.
Letterheads and stationery. Woodbury & Company. 164,564; Feb. 20.
Letterheads, envelopes, report blanks, etc. Supreme Orient O. O. H. & P. 169,998; July 10; Serial No. 145,597; published Apr. 3, 1923.
Moisteners. A. J. Buren. 172,252; Aug. 28; Serial No. 156,048; published May 29, 1923.
Notebooks, Loose-leaf. Wilson-Jones Loose Leaf Company. 166,276; Mar. 27; Serial No. 170,457; published Dec. 5, 1922.
Office supplies. Aktiebolaget Galco. 167,088; Apr. 24; Serial No. 147,149; published Feb. 6, 1923.
Pad, Writing. Commercial Appliance Co. 165,834; Mar. 20; Serial No. 171,202; published Dec. 26, 1922.
Paper. J. W. Butler Paper Company. 172,922; Sept. 11; Serial No. 177,213; published June 5, 1923.
Paper. Chicago Paper Company. 175,963; Nov. 13; Serial No. 171,725; published Aug. 28, 1923.
Paper. Chicago Paper Company. 176,395; Nov. 27; Serial No. 171,726; published Sept. 11, 1923.
Paper. Chicago Paper Company. 176,396; Nov. 27; Serial No. 171,728; published Sept. 11, 1923.
Paper. Coy, Hunt and Company. 166,006; Mar. 27; Serial No. 168,921; published Jan. 2, 1923.
Paper. Coy, Hunt and Company. 173,132; Sept. 18; Serial No. 179,399; published June 12, 1923.
Paper. John Dickinson & Co. 23,516; renewed Aug. 22, 1923.
Paper. Gilbert Paper Co. 176,401; Nov. 27; Serial No. 182,410; published Sept. 11, 1923.
Paper. L. Hyman & Sons. 168,244; May 15; Serial No. 167,127; published Feb. 13, 1923.
Paper. New York & Pennsylvania Company. 163,477; Jan. 16.
Paper. F. C. Strype. 166,934–5; Apr. 17; Serial Nos. 168,385–6; published Jan. 16, 1923.
Paper and cloth, Gummed. Ideal Coated Paper Company. 168,672; May 29; Serial No. 149,704; published Mar. 6, 1923.
Paper and envelopes. Berlin & Jones Company. 171,167; July 31; Serial No. 176,783; published May 8, 1923.
Paper and envelopes. Finska Pappersbruksforeningen. 164,116; Feb. 13.

Classified list of trade-marks registered—Continued.

Paper and envelopes. Strathmore Paper Company. 165,998; Mar. 27; Serial No. 168,178; published Jan. 2, 1923.
Paper and envelopes, Writing. George B. Hurd & Co. 23,708; renewed Oct. 17, 1923.
Paper and envelopes, Writing. Miamisburg Paper Co. 166,274; Mar. 27; Serial No. 169,981; published Dec. 26, 1922.
Paper and envelopes, Writing. Montag Bros. Inc. 163,442; Jan. 9.
Paper and envelopes, Writing. Rose Company. 176,432; Nov. 27; Serial No. 183,232; published Sept. 11, 1923.
Paper and envelopes, Writing. Samuel Ward Manufacturing Co. 168,604; May 29; Serial No. 168,567; published Dec. 12, 1922.
Paper and mailing envelopes, Writing. Chapin & Gould Paper Company. 177,519; Dec. 18; Serial No. 169,052; published Dec. 12, 1922.
Paper and mailing envelopes, Writing. Whiting Paper Company. 171,983; Aug. 21; Serial No. 178,888; published May 22, 1923.
Paper and mailing envelopes, Writing and printing. American Writing Paper Company. 171,051; July 31; Serial No. 175,540; published May 15, 1923.
Paper and mailing envelopes, Writing and printing. American Writing Paper Company. 173,464; Sept. 25; Serial No. 179,701; published June 19, 1923.
Paper and mailing envelopes, Writing and printing. Chapin & Gould Paper Company. 170,288; July 10; Serial No. 176,114; published Apr. 10, 1923.
Paper and paper tablets, Writing. Hampton Roads Paper Company. 163,940; Feb. 6.
Paper and paper towels, Toilet. Albany Perforated Wrapping Paper Co. 170,308; July 10; Serial No. 176,437; published Apr. 10, 1923.
Paper and paper towels, Toilet. Albany Perforated Wrapping Paper Co. 175,284; Nov. 6; Serial No. 182,529; published Aug. 21, 1923.
Paper and paper towels, Toilet. Rushmore Paper Mills, Inc. 169,367; June 12; Serial No. 175,272; published Mar. 27, 1923.
Paper and paper towels, Toilet. Sauquoit Toilet Paper Co. 173,662; Oct. 2; Serial No. 176,048; published June 26, 1923.
Paper and paper towels, Toilet. Wortendyke Manufacturing Co. 170,252; July 10; Serial No. 171,192; published Apr. 3, 1923.
Paper, and paper towels, Toilet. Wortendyke Manufacturing Co. 173,467; Sept. 25; Serial No. 179,911; published June 19, 1923.
Paper and stationery. R. A. Haag. 165,338; Mar. 6; Serial No. 162,735; published Nov. 28, 1922.
Paper and stationery. G. L. Leikauf. 164,195; Feb. 13.
Paper and towels, Toilet. Wortendyke Manufacturing Co. 173,233; Sept. 18; Serial No. 166,864; published June 19, 1923.
Paper and wrapping paper, Book. West Virginia Pulp & Paper Company. 172,266; Aug. 28; Serial No. 177,256; published May 29, 1923.
Paper, bank-note wrappers, blank books. Levey Printing Company. 177,557; Dec. 18; Serial No. 173,505; published Sept. 18, 1923.
Paper, blank books, etc. Levey Printing Company. 176,730; Nov. 27; Serial No. 173,508; published Sept. 11, 1923.
Paper, Blotting. Standard Paper Manufacturing Co. 170,523; July 17; Serial No. 174,704; published Apr. 17, 1923.
Paper, Blotting. Standard Paper Manufacturing Co. 170,525; July 17; Serial No. 174,703; published Apr. 17, 1923.
Paper, Bond. H. P. Andrews Paper Company. 173,529; Sept. 25.
Paper, Bond. H. P. Andrews Paper Company. 175,351; Nov. 6; Serial No. 167,754; published Aug. 21, 1923.
Paper, Bond. H. P. Andrews Paper Company. 177,601–2; Dec. 18.
Paper, Bond. W. P. Jeffries Company. 165,738; Mar. 20; Serial No. 169,636; published Dec. 12; 1922.
Paper, Bond. Louisville Paper Co. 176,402; Nov. 27; Serial No. 181,902; published Sept. 11, 1923.
Paper, Bond. Louisville Paper Co. 176,421; Nov. 27; Serial No. 181,901; published Sept. 11, 1923.
Paper, Bond. J. J. Murphy Paper Co. 177,516; Dec. 18; Serial No. 163,529; published Sept. 5, 1922.
Paper, Bond. Peerless Paper Company. 171,178; July 31; Serial No. 171,653; published May 8, 1923.
Paper, Bond. Standard Paper Manufacturing Co. 173,537; Sept. 25.
Paper, Bond. Weber Lithographing Co. 166,824; Apr. 17; Serial No. 172,922; published Feb. 6, 1923.
Paper, Bond and correspondence. H. Reeve Angel & Co. 172,917; Sept. 11; Serial No. 178,020; published June 5, 1923.
Paper, Bond and ledger writing and printing paper. Collins Mfg. Co. 163,992; Feb. 6.
Paper, Bond, ledger, and superfine writing and printing. Collins Mfg. Co. 163,928; Feb. 6.
Paper, Bond, ledger, and writing. Gilbert Paper Co. 175,285; Nov. 6; Serial No. 182,411; published Aug. 21, 1923.
Paper, Bond, ledger, and writing. Poland Paper Company. 167,154; Apr. 24; Serial No. 172,651; published Feb. 6, 1923.
Paper, Bond, ledger, and writing. Poland Paper Company. 168,419; May 22; Serial No. 172,489; published Feb. 6, 1923.
Paper, Bond writing. Chillicothe Paper Company. 166,371; Apr. 3; Serial No. 170,005; published Dec. 5, 1922.
Paper, Bond writing and printing. Collins Mfg. Co. 163,993; Feb. 6.
Paper, Bond writing and printing. Collins Mfg. Co. 168,534; May 22.
Paper, Bond writing and printing. Collins Mfg. Co. 171,017; July 31; Serial No. 168,836; published May 15, 1923.
Paper, Book. Kimberly-Clark Company. 163,945–6; Feb. 6.
Paper, Book. West Virginia Pulp & Paper Co. 167,105; Apr. 24; Serial No. 169,570; published Jan. 30, 1923.
Paper, Book, bond, and writing. Chillicothe Paper Company. 171,109; July 31; Serial No. 174,610; published Apr. 24, 1923.
Paper bread wrappers. Package Paper & Supply Corporation. 171,555; Aug. 7; Serial No. 177,923; published May 8, 1923.
Paper, Bristol. American Writing Paper Company. 176,404; Nov. 27; Serial No. 182,037; published Sept. 11, 1923.
Paper, bristol board, and cardboard. J. W. Butler Paper Co. 174,222; Oct. 9; Serial No. 180,838; published July 10, 1923.
Paper, bristol board, and post-card bristol board, Book and printing. Paper Mills' Company. 165,324; Mar. 6; Serial No. 169,222; published Dec. 5, 1922.
Paper, cards, envelopes, etc., Correspondence. M. T. Bird. 174,425; Oct. 16; Serial No. 179,846; published June 19, 1923.
Paper clips. L. Collier. 165,316; Mar. 6; Serial No. 167,384; published Nov. 7, 1922.
Paper clips. Noesting Pin Ticket Company. 174,225; Oct. 9; Serial No. 180,805; published July 10, 1923.
Paper clips. G. E. Vaughan. 175,259; Oct. 30.
Paper, Coated book. McLaurin-Jones Co. 177,571; Dec. 18; Serial No. 176,844; published Oct. 2, 1923.
Paper, Coated book. Stone & Andrew Inc. 163,539; Jan. 16.
Paper, correspondence envelopes, etc., Writing. Mid West Paper & Envelope Co. 175,991; Nov. 13; Serial No. 168,118; published Aug. 28, 1923.
Paper, correspondence envelopes, writing tablets, and papeteries, Writing. Mid West Paper & Envelope Co. 168,634; May 29; Serial No. 168,326; published Mar. 6, 1923.
Paper, Cover. Chemical Paper Manufacturing Co. 166,883; Apr. 17; Serial No. 142,385; published Jan. 16, 1923.
Paper, Cover. Marvellum Company. 171,981–2; Aug. 21; Serial Nos. 178,856–7; published May 22, 1923.
Paper, Cover. Peninsular Paper Company. 166,926–8; Apr. 17; Serial Nos. 172,345–7; published Jan. 16, 1923.
Paper, Cover. Peninsular Paper Company. 169,182; June 12; Serial No. 172,554; published Mar. 20, 1923.
Paper, Cover. Peninsular Paper Company. 170,333; July 10.
Paper, Cover. Peninsular Paper Company. 175,356; Nov. 6; Serial No. 178,279; published Aug. 21, 1923.
Paper, Craft. Aktiebolaget Mölnbacka-Trysil. 169,364; June 12; Serial No. 175,178; published Mar. 27, 1923.
Paper, Crape. Papyrus Company. 177,499; Dec. 18; Serial No. 182,221; published Sept. 18, 1923.
Paper, Crêpe. Dennison Manufacturing Co. 173,743; Oct. 2; Serial No. 178,093; published June 19, 1923.
Paper, Crêpe. Tissue Co. 166,942; Apr. 17; Serial No. 172,066; published Jan. 16, 1923.
Paper, Crepe. Tissue Company. 163,870–1; Feb. 6.
Paper, Crêpe. Tissue Company. 171,002; July 31; Serial No. 177,150; published May 15, 1923.
Paper, Enameled book. Martin Cantine Co. 175,251; Oct. 30.
Paper, Enameled book. Martin Cantine Co. 176,430–1; Nov. 27; Serial Nos. 182,980–1; published Sept. 11, 1923.
Paper, envelopes, and lead pencils. Tennessee Paper & Bag Co. 168,861; May 29; Serial No. 172,809; published Mar. 13, 1923.
Paper, envelopes, and lead pencils, Printing, wrapping, writing, etc. Tennessee Paper & Bag Co. 168,859–60; May 29; Serial No. 173,108–9; published Mar. 13, 1923.
Paper, envelopes, and papeteries. Birnie Paper Company. 170,286–7; July 10; Serial Nos. 176,876–7; published Apr. 10, 1923.
Paper, envelopes, bristol or card board, Writing. V. Vivaudou, Inc. 168,715; May 29; Serial No. 161,660; published Mar. 13, 1923.
Paper, envelopes, etc. J. C. Blair Company. 170,323; July 10; Serial No. 175,706; published Apr. 3, 1923.
Paper, envelopes, pens, pencils, etc., Writing. Calhoun, Robbins & Co. 168,863; May 29; Serial No. 172,206; published Mar. 6, 1923.

Paper, envelopes, print book cover, etc., Wrapping and manila. J. W. Butler Paper Co. 176,406; Nov. 27; Serial No. 180,839; published Aug. 28, 1923.
Paper, envelopes, Printing and writing. Johnson-Breyding-Johnson. 171,390; Aug. 7; Serial No. 177,302; published May 8, 1923.
Paper, etc., Wrapping, manila, document, print, and other. Central Michigan Paper Company. 176,051; Nov. 13; Serial No. 181,245; published Aug. 28, 1923.
Paper fasteners. Waterbury Brass Goods Corporation. 166,206; Mar. 27; Serial No. 169,266; published Nov. 7, 1922.
Paper filing and mailing containers. Alvah Bushnell Company. 166,275; Mar. 27; Serial No. 170,424; published Dec. 26, 1922.
Paper for printing and writing, Sheet. Tribune Company. 170,879; July 24; Serial No. 157,592; published July 18, 1922.
Paper for printing bonds, checks, etc. J. C. Hall Company. 172,406; Aug. 28; Serial No. 174,616; published May 29, 1923.
Paper for trading stamps, coupons, etc. Eureka Specialty Printing Company. 172,300; Aug. 28; Serial No. 178,240; published May 29, 1923.
Paper for wrapping purposes, Kraft. Dudley Paper Co. 168,856; May 29; Serial No. 173,594; published Mar. 6, 1923.
Paper for writing and printing purposes, Bond and ledger. Miami Paper Company. 166,384; Apr. 3; Serial No. 169,644; published Nov. 7, 1922.
Paper for writing, ledger, and printing purposes, Bond. Lee Paper Company. 165,321; Mar. 6; Serial No. 169,063; published Nov. 7, 1922.
Paper, Glassine, greaseproof, imitation-parchment, writing, wrapping, etc. C. McDowell. 173,253; Sept. 18; Serial No. 179,619; published June 12, 1923.
Paper, Gummed. Ideal Coated Paper Company. 175,442; Nov. 6; Serial No. 130,477; published June 19, 1923.
Paper, Handmade. C. H. Boulin. 167,768; May 8; Serial No. 173,276; published Feb. 13, 1923.
Paper, Headrest. E. Morris. 166,399; Apr. 3; Serial No. 169,370; published Nov. 7, 1922.
Paper holder, Memorandum-. Bliss Company. 171,159; July 31; Serial No. 176,321; published May 1, 1923.
Paper illustration stock. Hurlock Bros. Company. 166,997–8; Apr. 17.
Paper in packages, Sheets of wax. Shelby Wax Paper Company. 172,018; Aug. 21; Serial No. 171,286; published May 22, 1923.
Paper in sheets and rolls, Book and alkaliproof, etc. New York & Pennsylvania Company. 173,119; Sept. 18; Serial No. 167,922; published June 12, 1923.
Paper, Index bristol. H. P. Andrews Paper Company. 175,343; Nov. 6; Serial No. 171,405; published Aug. 21, 1923.
Paper, Index bristol. H. P. Andrews Paper Company. 175,352; Nov. 6; Serial No. 167,753; published Aug. 21, 1923.
Paper, jute envelope paper, bristol board, manifold paper, etc., Jute tag. Warren Manufacturing Company. 165,972; Mar. 27; Serial No. 159,672; published Dec. 5, 1922.
Paper, Kraft, beaming, warping, etc. New York & Pennsylvania Company. 163,478; Jan. 16.
Paper, Ledger. H. P. Andrews Paper Company. 175,350; Nov. 6; Serial No. 167,757; published Aug. 21, 1923.
Paper, Ledger. H. P. Andrews Paper Company. 175,989; Nov. 13; Serial No. 167,760; published Aug. 28, 1923.
Paper, Ledger. Diem & Wing Paper Co. 176,769–70; Nov. 27.
Paper, Ledger writing and printing. Collins Mfg. Co. 163,919; Feb. 6.
Paper, Ledger writing and printing. Collins Mfg. Co. 168,531–3; May 22.
Paper, Linen ledger. Louisville Paper Co. 176,778; Nov. 27.
Paper, mailing envelopes, flat paper, and paper boards, Writing. Z. & W. M. Crane. 163,466; Jan. 16.
Paper, mailing envelopes, tablets, etc., Writing. Smith Tablet Company. 169,365; June 12; Serial No. 175,219; published Mar. 27, 1923.
Paper, Manifold. Esleeck Manufacturing Co. 167,309; Apr. 24.
Paper, Manila. H. P. Andrews Paper Company. 176,349; Nov. 20.
Paper, Matrix, stereotype, and Kraft wrapping. Albemarle Paper Mfg. Co. 174,250; Oct. 9; Serial No. 162,280; published Aug. 8, 1922.
Paper napkins, Package of. Paper Novelty Company. 177,538; Dec. 18; Serial No. 183,717; published Oct. 2, 1923.
Paper, Newsprint. St. Maurice Paper Company. 166,097; Mar. 27; Serial No. 164,723; published Dec. 5, 1922.
Paper, Offset. American Writing Paper Company. 177,591–2; Dec. 18.
Paper, paper box boards, and fiber boards, Heavy. Paraffine Companies. 165,613; Mar. 13; Serial No. 167,192; published Dec. 12, 1922.
Paper, paper napkins, etc., Toilet. Fort Howard Paper Company. 175,286; Nov. 6; Serial No. 182,049; published Aug. 21, 1923.
Paper, paper napkins, towels, and tablecloths, Toilet. Fort Howard Paper Company. 165,832; Mar. 20; Serial No. 171,354; published Dec. 26, 1922.
Paper, paper napkins, towels, and tablecloths, Toilet. Fort Howard Paper Company. 165,833; Mar. 20; Serial No. 171,356; published Dec. 26, 1922.
Paper, paper napkins, towels, and tablecloths, Toilet. Fort Howard Paper Company. 172,017; Aug. 21; Serial No. 171,353; published Jan. 16, 1923.
Paper, paper napkins, towels, and tablecloths, Toilet. Fort Howard Paper Company. 172,084; Aug. 21; Serial No. 176,674; published Apr. 10, 1923.
Paper, paper napkins, towels, and tablecloths, Toilet. Fort Howard Paper Company. 174,220–1; Oct. 9; Serial Nos. 180,971–2; published July 17, 1923.
Paper, paper napkins, towels, and tablecloths, Toilet. Fort Howard Paper Company. 175,159; Oct. 30; Serial No. 180,970; published Aug. 7, 1923.
Paper, paper napkins, towels, and tablecloths, Toilet. Fort Howard Paper Company. 175,170; Oct. 30; Serial No. 181,442; published Aug. 7, 1923.
Paper, paper napkins, towels, and tablecloths, Toilet. Fort Howard Paper Company. 175,263; Oct. 30.
Paper, paper napkins, towels, and tablecloths, Toilet. Fort Howard Paper Company. 175,326; Nov. 6; Serial No. 180,758; published Aug. 14, 1923.
Paper, pencils, pens, etc. W. H. Johnson. 174,580; Oct. 23; Serial No. 163,987; published July 24, 1923.
Paper, Plain and safety. Forman-Bassett Company. 168,080; May 15; Serial No. 152,007; published Dec. 26, 1922.
Paper, Printing. S. D. Warren Company. 163,731; Jan. 23.
Paper, Printing. S. D. Warren Company. 166,732; Apr. 10.
Paper, Printing and writing. J. W. Butler Paper Company. 165,627; Mar. 13.
Paper, Printing and writing. Chicago Paper Company. 175,338; Nov. 6; Serial No. 171,786; published Aug. 21, 1923.
Paper, Printing and writing. Cincinnati Cordage & Paper Co. 172,210; Aug. 28; Serial No. 173,404; published May 29, 1923.
Paper, Printing and writing. Hampshire Paper Company. 165,999; Mar. 27; Serial No. 168,306; published Jan. 2, 1923.
Paper, Printing and writing. Hampshire Paper Company. 169,746–7; June 26.
Paper, Printing and writing. Hampshire Paper Company. 171,321; Aug. 7; Serial No. 168,305; published May 8, 1923.
Paper products. Brown Company. 168,705; May 29; Serial No. 129,373; published Mar. 6, 1923.
Paper, Proofing. McLaurin-Jones Co. 177,778; Dec. 25; Serial No. 183,716; published Oct. 9, 1923.
Paper, Roll toilet. Paper Service Co. 165,320; Mar. 6; Serial No. 167,996; published Nov. 7, 1922.
Paper, stationery, etc. Buffalo Office and Law Supply Co. 165,995; Mar. 27; Serial No. 167,346; published Jan. 2, 1923.
Paper suitable for making copies from stencil impressions. H. P. Andrews Paper Company. 177,637; Dec. 25; Serial No. 171,402; published Oct. 9, 1923.
Paper suitable for making copies from stencil impressions. H. P. Andrews Paper Company. 177,638; Dec. 25; Serial No. 171,406; published Oct. 9, 1923.
Paper tablets, composition and blank books, pads, papeteries, etc. Aller Brothers. 170,638; July 17; Serial No. 175,539; published Apr. 17, 1923.
Paper, tablets, papeteries, etc., Writing. Central Ohio Paper Company. 176,610; Nov. 27; Serial No. 179,458; published Sept. 11, 1923.
Paper tape, cloth tape, and sheets, Gummed. Mid-States Gummed Paper Co. 175,678; Nov. 6.
Paper, Thin soft. H. P. Andrews Paper Company. 175,342; Nov. 6; Serial No. 171,407; published Aug. 21, 1923.
Paper, Tissue. Charles F. Hubbs & Company. 165,626; Mar. 13.
Paper, tissue and crepe napkins, writing tablets, Wrapping. J. A. Fisher. 163,318; Jan. 9.
Paper to be printed or lithographed, Coated. McLaurin-Jones Co. 172,415; Aug. 28; Serial No. 178,761; published May 22, 1923.
Paper, Toilet. Beaver Paper Company. 168,815; May 29; Serial No. 170,050; published Nov. 14, 1922.
Paper, Toilet. G. Boyce. 166,304–5; Mar. 27.
Paper, Toilet. Diamond Mills Paper Company. 174,560; Oct. 23; Serial No. 181,387; published July 24, 1923.
Paper, Toilet. Inlander-Steindler Paper Company. 166,365; Apr. 3; Serial No. 170,141; published Nov. 14, 1922.
Paper, Toilet. Interlake Tissue Mills Co. 175,358; Nov. 6; Serial No. 178,043; published Aug. 14, 1923.
Paper, Toilet. Northern Paper Mills. 169,174; June 12; Serial No. 169,074; published Mar. 20, 1923.
Paper, Toilet. Northern Paper Mills. 174,504; Oct. 16; Serial No. 180,717; published July 24, 1923.
Paper, Toilet. Oswego River Paper Mills. 165,315; Mar. 6; Serial No. 166,709; published Nov. 28, 1922.

Classified list of trade-marks registered—Continued.

Paper, Toilet. Peerless Mfg. Co. 174,207; Oct. 9; Serial No. 179,679; published July 10, 1923.
Paper, Toilet. Peerless Mfg. Co. 174,575; Oct. 23; Serial No. 179,678; published July 10, 1923.
Paper, Toilet. Perkins & Butler, Inc. 172,297; Aug. 28; Serial No. 177,990; published May 29, 1923.
Paper, Toilet. Peterson Paper Company. 172,082; Aug. 21; Serial No. 176,501; published May 22, 1923.
Paper toilet-seat covers. J. L. Schaefer. 173,463; Sept. 25; Serial No. 179,683; published June 19, 1923.
Paper, Toilet, wrapping, book, and printing. Messinger Paper Company. 167,156; Apr. 24; Serial No. 172,998; published Feb. 6, 1923.
Paper, Toilet, wrapping, book, and printing. Messinger Paper Company. 167,157; Apr. 24; Serial No. 173,000; published Feb. 6, 1923.
Paper towels. West Disinfecting Company. 169,742; June 26.
Paper towels and napkins. Independent Paper Mills, Inc. 172,553; Sept. 4; Serial No. 174,141; published Apr. 3, 1923.
Paper towels, napkins, and wrappers for delicatessen lunches. H. N. Goldsmith. 176,397; Nov. 27; Serial No. 182,750; published Sept. 11, 1923.
Paper, Tracing. J. D. Cardinell. 173,465–6; Sept. 25; Serial No. 179,712–3; published June 19, 1923.
Paper, Tracing. New York Blue Print Paper Co. 175,298; Nov. 6; Serial No. 181,906; published Aug. 21, 1923.
Paper, Tracing. G. Vincent. 163,485; Jan. 16.
Paper, Tympan. Plant, Theis & Gould Paper Company. 175,317; Nov. 6; Serial No. 181,146; published Aug. 21, 1923.
Paper, Typewriter. W. H. King, jr. 167,059; Apr. 24; Serial No. 160,496; published Nov. 14, 1922.
Paper used for printing or lithographing bank checks, etc. D. D. Madden & Co. 177,529; Dec. 18; Serial No. 182,713; published Oct. 2, 1923.
Paper used for printing, writing, etc., and typewriting and mailing envelopes. Poland Paper Company. 168,851; May 29; Serial No. 174,099; published Mar. 6, 1923.
Paper wadding. American Lace Paper Company. 176,435; Nov. 27; Serial No. 182,784; published Sept. 11, 1923.
Paper, Wall. Arrow Paint & Wall Paper Company. 177,527; Dec. 18; Serial No. 182,643; published Sept. 11, 1923.
Paper, Wall. Becker, Smith & Page, Inc. 169,333; June 12; Serial No. 173,619; published Mar. 27, 1923.
Paper, Wall. Flynn-Lennon Wall Paper Co. 165,702; Mar. 20; Serial No. 168,635; published Dec. 19, 1922.
Paper, Wall. Robert Griffin Company, The. 171,143; July 31; Serial No. 161,250; published May 1, 1923.
Paper, Wall. M. Rosenberger. 165,337; Mar. 6; Serial No. 162,449; published Nov. 28, 1922.
Paper, Wax. Hamersley Manufacturing Company. 173,530; Sept. 25.
Paper, Wax. Shelby Wax Paper Co. 177,838; Dec. 25.
Paper, Waxed. Hamersley Manufacturing Company. 172,417; Aug. 28; Serial No. 178,920; published May 29, 1923.
Paper, Waxed. Himmer Brothers Co. 170,297; July 10; Serial No. 175,394; published Apr. 10, 1923.
Paper, waxed, parchment, and greaseproof paper, etc., Wrapping. F. C. Strype. 166,377; Apr. 3; Serial No. 169,790; published Nov. 14, 1922.
Paper weights and desk ornaments. A. Vos. 174,603; Oct. 23; Serial No. 177,530; published July 24, 1923.
Paper weights, inkwells, etc. Pup Toys Company. 169,363; June 12; Serial No.175,157; published Mar. 27, 1923.
Paper wrappers. American Bread Wrapper Company. 168,154; May 15; Serial No. 173,160; published Feb. 13, 1923.
Paper wrappers for fruit. Nashua Gummed & Coated Paper Company. 165,686; Mar. 20; Serial No. 170,255; published Dec. 19, 1922.
Paper wrappers for fruit. Nashua Gummed & Coated Paper Company. 166,364; Apr. 3; Serial No. 170,254; published Nov. 28, 1922.
Paper, Wrapping. Alling & Cory Co. 171,001; July 31; Serial No. 177,158; published Apr. 24, 1923.
Paper, Wrapping. Anchor Paper Company. 163,704; Jan. 23.
Paper, Wrapping. Brown Company. 163,461; Jan. 16.
Paper, Wrapping. Brown Company. 163,490; Jan. 16.
Paper, Wrapping. Brown Company. 166,931–2; Apr. 17. Serial Nos. 168,021–2; published Jan. 16, 1923.
Paper, Wrapping. F. B. Dallam. 165,854; Mar. 20; Serial No. 149,176; published Dec. 26, 1922.
Paper, Wrapping. Diem & Wing Paper Co. 177,555; Sept. 11; Serial No. 178,502; published June 5, 1923.
Paper, Wrapping. Great Notch Paper Company. 172,915; Dec. 18; Serial No. 183,056; published Oct. 2, 1923.
Paper, Wrapping. Hampton Roads Paper Company. 163,941; Feb. 6.
Paper, Wrapping. Huff, Barnes & Opie, Inc. 172,661; Sept. 11; Serial No. 174,520; published June 5, 1923.
Paper, Wrapping. Inlander-Steindler Paper Company. 166,367; Apr. 3; Serial No. 170,140; published Nov. 28, 1922.
Paper, Wrapping. McLaurin-Jones Co. 170,273; July 10; Serial No. 174,147; published Apr. 10, 1923.
Paper, Wrapping. Geo. W. Millar & Co. 169,823; July 3; Serial No. 174,319; published Mar. 27, 1923.
Paper, Wrapping. Orono Pulp & Paper Company. 173,043; Sept. 11; Serial No. 179,549; published June 5, 1923.
Paper, Wrapping. Seinsheimer Paper Company. 166,800; Apr. 17; Serial No. 138,110; published Feb. 1, 1921.
Paper, Wrapping. Union Bag & Paper Corporation. 163,409; Jan. 9.
Paper, Wrapping. Union Paper & Twine Co. 176,563; Nov. 27; Serial No. 180,567; published Aug. 7, 1923.
Paper, Wrapping. Whitaker Paper Company. 176,393; Nov. 27; Serial No. 170,737; published Sept. 11, 1923.
Paper, Wrapping and waxed. Brown Company. 163,220; Jan. 2.
Paper, Writing. Geo. D. Barnard Stationery Company. 166,979; Apr. 17.
Paper, Writing. Cincinnati Cordage & Paper Co. 169,328; June 12; Serial No. 174,555; published Mar. 27, 1923.
Paper, Writing. Cincinnati Cordage & Paper Co. 173,439; Sept. 25; Serial No. 174,556; published June 26, 1923.
Paper, Writing. Derryvale Linen Co. 168,868; May 29; Serial No. 171,265; published Mar. 6, 1923.
Paper, Writing. Fox River Paper Company. 164,209; Feb. 13.
Paper, Writing. Fox River Paper Company. 166,943; Apr. 17; Serial No. 172,328; published Jan. 16, 1923.
Paper, Writing. Fox River Paper Company. 167,152; Apr. 24; Serial No. 172,418; published Feb. 6, 1923.
Paper, Writing. Fox River Paper Company. 168,226; May 15; Serial No. 171,990; published Feb. 13, 1923.
Paper, Writing. Fox River Paper Company. 174,219; Oct. 9; Serial No. 180,975; published July 17, 1923.
Paper, Writing. Fox River Paper Company. 174,232; Oct. 9; Serial No. 180,533; published July 10, 1923.
Paper, Writing. Fox River Paper Company. 175,299; Nov. 6; Serial No. 181,688; published Aug. 14, 1923.
Paper, Writing. Hawthorne Paper Company. 170,586; July 17; Serial No. 156,447; published Apr. 17, 1923.
Paper, Writing. H. G. Pohlmann. 172,257; Aug. 28; Serial No. 148,851; published May 29, 1923.
Paper, Writing. H. G. Pohlmann. 174,930; Oct. 23.
Paper, Writing. Byron Weston Company. 169,355; June 12; Serial No. 172,142; published Mar. 27, 1923.
Paper, Writing and bond. Becker Paper Corporation. 170,997; July 31; Serial No. 178,209; published May 15, 1923.
Paper, Writing and bond. Becker Paper Corporation. 174,276; Oct. 9; Serial No. 178,208; published July 17, 1923.
Paper, Writing and printing. American Writing Paper Company. 165,836; Mar. 20; Serial No. 171,116; published Dec. 26, 1922.
Paper, Writing and printing. American Writing Paper Company. 176,084; Nov. 13.
Paper, Writing, bond, and ledger. Plant, Theis & Gould Paper Company. 175,316; Nov. 6; Serial No. 181,147; published Aug. 21, 1923.
Paper, Writing, printing, and book. C. P. Lesh Paper Company. 167,341; May 1; Serial No. 163,093; published July 25, 1922.
Paper, Writing, printing, etc. Chicago Paper Company. 177,522; Dec. 18; Serial No. 171,727; published Oct. 2, 1923.
Paper, writing tablets, papeteries, etc., Writing. Eaton, Crane & Pike Company. 166,277; Mar. 27; Serial No. 170,568; published Dec. 5, 1922.
Paperboard. Philadelphia Paper Manufacturing Company. 173,273; Sept. 18; Serial No. 174,855; published June 19, 1923.
Papers and mailing envelopes, Writing and printing. Whiting Paper Company. 170,347–8; July 10.
Papers and mailing envelopes, Writing and printing. Whiting Paper Company. 171,947; Aug. 14.
Papers and mailing envelopes, Writing and printing. Whiting Paper Company. 174,237; Oct. 9; Serial No. 180,161; published July 3, 1923.
Papers, and postcard stock, Book and cover. J. W. Butler Paper Company. 175,271; Oct. 30.
Papers and writing papers generally, Bond, linen, ledger, and bristol. B. D. Rising Paper Company. 163,530; Jan. 16.
Papers, Bond. Exline & Exline Co. 173,229; Sept. 18; Serial No. 173,411; published Apr. 24, 1923.
Papers, Book. Kimberly-Clark Company. 170,320–2; July 10; Serial Nos. 175,662–4; published Apr. 3, 1923.
Papers, bristol board, cardboard. J. W. Butler Paper Co. 174,242; Oct. 9; Serial No. 179,926; published July 17, 1923.
Papers, Coated book. McLaurin-Jones Co. 168,699; May 29; Serial No. 166,894; published Mar. 6, 1923.
Papers, lining paper, and fly sheets, Blank. Levey Printing Company. 173,227; Sept. 18; Serial No. 173,504; published May 29, 1923.
Papers, paper, and stationery, Wall. F. W. Geiler, Inc. 165,335; Mar. 6; Serial No. 162,252; published Dec. 5, 1922
Papers, papeteries, etc., Writing, typewriting, and printing. Highland Manufacturing Company. 166,279; Mar. 27.

Papers, papeteries, cards, etc., Writing, typewriting, and printing. Highland Manufacturing Company. 166,281; Mar. 27.
Papers, Printing. Knight, Allen & Clark, Inc. 163,953; Feb. 6.
Papers, Printing, book, and cover. J. W. Butler Paper Company. 165,322; Mar. 6; Serial No. 169,118; published Nov. 7, 1922.
Papers, Printing, writing, book, and cover. J. W. Butler Paper Company. 165,323; Mar. 6; Serial No. 169,119; published Nov. 7, 1922.
Papers, Wall. Independent Wall Paper Company. 163,936; Feb. 6.
Papers, Wrapping and book. West Virginia Pulp & Paper Company. 163,948; Feb. 6.
Papers, Wrapping and transparent. Westfield River Paper Company. 168,032; May 8.
Papers, Writing and printing. Rocky Mountain Bank Note Company. 169,098; June 5.
Papeteries, tablets, envelopes, and writing paper. Taylor-Atkins Paper Company. 163,852; Jan. 30.
Papeteries, tablets, writing paper, envelopes. White & Wyckoff Manufacturing Company. 176,099; Nov. 13.
Papeteries, writing and typewriting tablets, etc. White & Wyckoff Manufacturing Company. 170,503; July 17; Serial No. 173,122; published Apr. 17, 1923.
Papeteries, writing and typewriting tablets, etc. White & Wyckoff Manufacturing Company. 170,504; July 17; Serial No. 173,116; published Apr. 17, 1923
Papeteries, writing and typewriting tablets, etc. White & Wyckoff Manufacturing Company. 170,505–6; July 17; Serial Nos. 173,120–1; published Apr. 17, 1923.
Papeteries, writing and typewriting tablets, etc. White & Wyckoff Manufacturing Company. 170,512; July 17; Serial No. 173,114; published Apr. 17, 1923.
Papeteries, writing and typewriting tablets, etc. White & Wyckoff Manufacturing Company. 170,635; July 17; Serial No. 175,827; published Apr. 17, 1923.
Papeteries, writing and typewriting tablets, writing paper, and envelopes. White & Wyckoff Manufacturing Company. 167,158; Apr. 24; Serial No. 173,115; published Feb. 6, 1923.
Papeteries, writing and typewriting tablets, writing paper, and mailing envelopes. White & Wyckoff Manufacturing Company. 167,159; Apr. 24; Serial No 173,117; published Feb. 6, 1923.
Papeteries, writing and typewriting tablets, writing paper, and mailing envelopes. White & Wyckoff Manufacturing Company. 167,160; Apr. 24; Serial No. 173,119; published Feb. 6, 1923.
Papeteries, writing and typewriting tablets, writing paper, and mailing envelopes. White & Wyckoff Manufacturing Company. 171,149; July 31; Serial No. 175,750; published May 1, 1923.
Pen, Fountain. Parker Pen Co. 163,481; Jan. 16.
Penholders. E. B. Estes & Sons. 164,194; Feb. 13.
Penholders and black and colored pencils. H. Dunwoody. 169,216; June 12; Serial No. 150,154; published Mar. 20, 1923.
Penholders and fountain pens. Heidelberger Federhalter-Fabrik Koch, Weber & Co. A.-G. 175,355; Nov. 6; Serial No. 178,339; published Aug. 21, 1923.
Pens. C. Howard Hunt Pen Company. 171,154; July 31; Serial No. 176,128; published May 1, 1923.
Pens and mechanical pencils, Fountain. Parker Pen Co. 165,783; Mar. 20; Serial No. 164,827; published Jan. 2, 1923.
Pens and pencils. Hutcheon Brothers. 166,978; Apr. 17.
Pens and pencils, Fountain. M. & H. Silver, Incorporated. 171,045; July 31; Serial No. 174,928; published May 15, 1923.
Pens, Fountain. Corona Pen Company. 166,743; Apr. 10.
Pens, Fountain. Dunn-Pen Company. 163,934–5; Feb. 6.
Pens, Fountain. J. J. Heller. 166,874; Apr. 17; Serial No. 159,027; published Jan. 23, 1923.
Pens, Fountain. Miller's Book Store, Inc. 174,287; Oct. 9; Serial No. 179,377; published July 3, 1923.
Pens, Fountain. Muller and Phipps (Asia). 163,905; Feb. 6.
Pens, Fountain. Salz Bros. Inc. 168,858; May 29; Serial No. 173,249; published Mar. 6, 1923.
Pens, Fountain. Salz Bros. Inc. 169,334; June 12; Serial No. 173,611; published Mar. 27, 1923.
Pens, Fountain. W. A. Sheaffer Pen Company. 173,423; Sept. 25; Serial No. 157,185; published June 26, 1923.
Pens, Fountain. A. Visitacion. 165,927; Mar. 20.
Pens, Lettering. F. H. Newton. 163,518; Jan. 16.
Pens, nibs, pencils, and fountain pens. R. T. Pollock. 165,557; Mar. 13; Serial No. 156,015; published Dec. 12, 1922.
Pens, penholders, fountain pens. Kabushiki-Kaisha Namiki Seisakujo. 168,867; May 29; Serial No. 171,368; published Mar. 13, 1923.
Pens, penholders, pencils, etc., Fountain. Heidelberger Federhalter-Fabrik Koch, Weber & Co. A.-G. 175,354; Nov. 6; Serial No. 178,340; published Aug. 21, 1923.
Pens, Steel. J. Alling. 166,361; Apr. 3; Serial No. 170,601; published Dec. 5, 1922.
Pens, Stylographic. J. D. Snow. 167,661; May 8; Serial No. 168,005; published Feb. 20, 1923.
Pencil clips. American Lead Pencil Company. 177,535; Dec. 18; Serial No. 182,462; published Oct. 2, 1923.
Pencil leads and mechanical pencils holding such leads. H. E Golber. 166,892; Apr. 17; Serial No. 165,949; published Sept. 19, 1922.
Pencil leads, Mechanical-. Wahl Company. 165,419; Mar. 6; Serial No. 152,820; published Oct. 31, 1922.
Pencil-point protectors. L. D. Van Valkenburg Company. 165,552; Mar. 13; Serial No. 152,777; published Dec. 12, 1922.
Pencils. A/S Blyantfabrikken Viking. 177,700; Dec. 25; Serial No. 183,131; published Oct. 9, 1923.
Pencils. Eberhard Faber Pencil Company. 168,855; May 29; Serial No. 173,760; published Mar. 6, 1923.
Pencils. H. C. Hobbs. 170,204; July 10; Serial No. 173,132; published Mar. 13, 1923.
Pencils. Joseph Dixon Crucible Company. 173,578; Sept. 25.
Pencils. Joseph Dixon Crucible Company. 177,642; Dec. 25; Serial No. 123,798; published Oct. 9, 1923.
Pencils and pens. T. C. Sawyier. 165,629; Mar. 13.
Pencils and pocket lighters, Combination pocket. Art Metal Works. 166,124; Mar. 27; Serial No. 153,279; published Dec. 13, 1921.
Pencils, Lead. American Lead Pencil Company. 172,128; Aug. 21; Serial No. 174,683; published May 22, 1923.
Pencils, Lead. Blaisdell Pencil Company. 171,004; July 31; Serial No. 176,943; published Apr. 24, 1923.
Pencils, Lead. Blaisdell Pencil Company. 172,299; Aug. 28; Serial No. 178,212; published May 29, 1923.
Pencils, Lead. Eberhard Faber Pencil Company. 173,745; Oct. 2; Serial No. 177,835; published June 19, 1923.
Pencils, Lead and carpenters'. Baker, Hamilton and Pacific Company. 175,959; Nov. 13; Serial No. 170,349; published Aug. 28, 1923.
Pencils, Lead and paper crayon. United States Pencil Co. 170,467; July 17; Serial No. 166,334; published Apr. 10, 1923.
Pencils, Lead for. Nitro Pencil Company. 167,155; Apr. 24; Serial No. 172,897; published Feb. 6, 1923.
Pencils, Magazine. R. & G. Co. 167,079; Apr. 24; Serial No. 155,830; published Feb. 6, 1923.
Pencils, Mechanical. W. H. Blake. 175,169; Oct. 30; Serial No. 181,585; published Aug. 7, 1923.
Pencils, Mechanical. Nu-Type Mfg. Company. 174,929; Oct. 23.
Pencils, pens, leads, and erasers. Ingersoll Redipoint Company. 171,955; Aug. 14.
Pencils, pens, leads, and erasers. Ingersoll Redipoint Company. 172,095; Aug. 21; Serial No. 174,452; published May 22, 1923.
Pencils, pens, leads, and erasers. Ingersoll Redipoint Company. 173,441; Sept. 25; Serial No. 174,451; published June 26, 1923.
Photograph cards and other loose leaves, Binders for. Fales Folio Company. 168,881; May 29; Serial No. 168,211; published Mar. 13, 1923.
Photographic mountings. California Card Manufacturing Co. 170,633; July 17; Serial No. 175,340; published Apr. 17, 1923.
Photographic mountings. Positype Corporation of America. 165,334; Mar. 6; Serial No. 162,136; published Nov. 14, 1922.
Photographic negatives, Mounts for. I. Kulik. 167,031; Apr. 24; Serial No. 170,143; published Jan. 16, 1923.
Radio record books. E. Fleming & Co. 172,063; Aug. 21; Serial No. 177,552; published May 22, 1923.
Registers, Autographic. Standard Register Company. 165,928; Mar. 20.
Seat covers, Toilet-closet-. Sanitary Toilet Company. 165,828; Mar. 20; Serial No. 171,594; published Jan. 2, 1923.
Stamps and coupons, booklets, etc., Trading. Bankee Corporation of America. 172,118; Aug. 21; Serial No. 175,421; published May 15, 1923.
Statements, checks, billheads, purchase orders, etc. Fort Dearborn Engraving Co. 168,698; May 29; Serial No 166,943; published Mar. 6, 1923.
Stationers' supplies. Hawkes-Jackson Company. 170,352; July 10.
Stationery. G. Goldberg & Sons. 174,922; Oct. 23.
Stationery. Fred A. Wish, Incorporated. 174,229; Oct. 9; Serial No. 180,641; published July 10, 1923.
Stencil hand stamp. G. T. Pritchard. 166,768; Apr. 10.
Stereotype mats. K. Hagenbacher. 163,503; Jan. 16.
Stereotyping and copying tissue. R. W. Brooks. 172,926; Sept. 11; Serial No. 176,534; published June 5, 1923.
Tablets. American Tablet Co. 166,366; Apr. 3; Serial No. 170,175; published Nov. 14, 1922.
Tablets and book covers. Smith Tablet Company. 169,366; June 12; Serial No. 175,220; published Mar. 27, 1923.
Tablets and composition books. M. S. and D. A. Byck Co. 163,462; Jan. 16.
Tablets and school pads. Jackson Paper Co. 176,436; Nov. 27; Serial No. 182,816; published Sept. 11, 1923.
Tablets, etc., Writing. Osborn Paper Company. 175,965; Nov. 13; Serial No. 173,295; published Aug. 28, 1923.
Tablets, Writing. Bedsole-Colvin Drug Co. 175,301; Nov. 6; Serial No. 181,510; published Aug. 14, 1923.
Tablets, Writing. Reynolds & Reynolds Co. 168,853; May 29; Serial No. 173,855; published Mar. 6, 1923.

Tablets, writing and printing paper, etc., Writing. Osborn Paper Company. 166,137; Mar. 27; Serial No. 146,587; published Nov. 14, 1922.
Tags. Dennison Manufacturing Co. 171,160; July 31; Serial No. 176,330; published May 1, 1923.
Tape holders and moistening devices, Combined sealing-. L. G. Massicotte. 163,938; Feb. 6.
Wrapping, packing, and lining merchandise, etc., Material for use in. Safepack Mills. 170,598; July 17; Serial No. 115,189; published Sept. 16, 1919.
Writing and drawing surfaces. Stewart Corporation. 172,416; Aug. 28; Serial No. 178,879; published May 29, 1923.
Writing and drawing surfaces. Stewart Corporation. 173,300; Sept. 18; Serial No. 178,880; published June 12, 1923.
Writing pads. D. M. Kumpf. 176,795; Nov. 27.
Writing pads. E. A. Luno. 176,791; Nov. 27.
Writing pads. R. Rothschild. 175,323; Nov. 6; Serial No. 180,812; published Aug. 14, 1923.
Writing pads, game score cards, tabulating and computing pads, etc. R. J. Turner. 176,038; Nov. 13; Serial No. 179,895; published Aug. 28, 1923.

CLASS 38.

Advertising-circular matter. Davis-Hazzard Corporation. 163,798; Jan. 30.
Advertising forms and instruction sheets, Completely-printed classified. Basil L. Smith System, Inc. 169,054; June 5; Serial No. 169,228; published Mar. 13, 1923.
Advertising literature. D. Relenvalen. 174,122; Oct. 2; Serial No. 156,860; published June 12, 1923.
Advertising pamphlets, circulars, bulletins, and supplements. H. Paull. 168,143; May 15; Serial No. 170,078; published Jan. 30, 1923.
Almanacs, Yearly. Karlson, Gordonville & Johnson, Incorporated. 169,540; June 19; Serial No. 169,762; published Mar. 20, 1923.
Bibles. Thomas Nelson & Sons. 173,517; Sept. 25.
Bonds. Metzler & Company. 177,315; Dec. 18; Serial No. 180,338; published Oct. 2, 1923.
Bonds and coupons. Fidelity Bond and Mortgage Company. 163,739; Jan. 23.
Bonds, certificates, booklets, stories. G. L. Miller & Company. 174,826; Oct. 23; Serial No. 175,367; published July 31, 1923.
Book, Cook. Saalfield Publishing Company. 168,203; May 15; Serial No. 162,858; published Jan. 30, 1923.
Booklets and bonds. Caldwell & Company. 173,802; Oct. 2; Serial No. 173,562; published July 3, 1923.
Booklets and pamphlets, Monthly. International Union of Timber Worker. 167,619; May 1; Serial No. 167,619; published Dec. 26, 1922.
Booklets and pamphlets, Printed. Western Federation of Miners. 163,701; Jan. 23.
Booklets or pamphlets. American Radio Relay League, Inc. 175,771; Nov. 13; Serial No. 177,159; published Aug. 21, 1923.
Books and comic section in daily newspapers. Universal Feature and Specialty Company. 171,713; Aug. 14; Serial No. 150,833; published May 1, 1923.
Books and magazines. Charles T. Powner Co. 174,543; Oct. 16.
Books and pamphlets. Life Planning Institute. 175,814; Nov. 13; Serial No. 157,069; published Aug. 21, 1923.
Books and their component parts, Printed. Joseph Richards Company. 174,015; Oct. 2; Serial No. 175,407; published June 26, 1923.
Books, Completely-printed. M. J. Hoenig. 169,789; July 3; Serial No. 168,470; published Mar. 27, 1923.
Books, Completely-printed. Alfred A. Knopf, Inc. 177,307; Dec. 18; Serial No. 170,653; published Sept. 25, 1923.
Books, Informational picture. C. F. Talman. 173,767; Oct. 2; Serial No. 177,055; published June 19, 1923.
Books issued in continuing series, Printed. John C. Winston Co. 167,618; May 1; Serial No. 136,863; published Jan. 2, 1923.
Books, Printed. Hilbern Thrift Corporation. 174,838; Oct. 23; Serial No. 176,626; published July 31, 1923.
Books, Series of. P. F. Collier & Son Company. 167,961–2; May 8.
Books, Series of. P. F. Collier & Son Company. 177,286; Dec. 11.
Books, Series of. Little, Brown & Company. 171,773; Aug. 14; Serial No. 173,516; published May 8, 1923.
Building plans and designs. R. J. Hughes. 177,353; Dec. 18; Serial No. 181,992; published Oct. 2, 1923.
Bulletin card, Weekly theater. W. H. Endler. 163,738; Jan. 23.
Bulletin, Church. Church Bulletin, Inc. 173,611; Oct. 2; Serial No. 158,178; published June 19, 1923.
Bulletin, Daily market. P. S. Warden. 167,422; May 1; Serial No. 170,104; published Jan. 2, 1923.
Calendars. Defiance Manufacturing Company. 168,978; May 29.
Calendars. F. L. Serage. 172,079; Aug. 21; Serial No. 176,285; published May 22, 1923.
Calendars, almanacs, printed books, etc., Wall. Levey Printing Company. 177,300; Dec. 18; Serial No. 173,506; published Sept. 25, 1923.
Calendars, almanacs, printed books, etc., Wall. Levey Printing Company. 177,301; Dec. 18; Serial No. 173,509; published Sept. 25, 1923.
Cards and educational posters, Advertising. American Banking Machine Corporation. 170,608; July 17; Serial No. 173,948; published Apr. 24, 1923.
Cards and placards, Advertising. Merchants Publishing Company. 173,600; Oct. 2; Serial No. 167,529; published June 26, 1923.
Cards, Collection of motto. H. E. Hughes. 174,605; Oct. 23; Serial No. 177,127; published June 12, 1923.
Cards, Greeting. Dupuis-Rickman Engraving & Embossing Co. 173,613; Oct. 2; Serial No. 157,560; published June 12, 1923.
Cards, Prayer and motto. W. G. Bate. 175,781; Nov. 13; Serial No. 178,544; published Aug. 21, 1923.
Cards, sheets, and folders, Greeting. O. W. Goodbar. 177,414; Dec. 18; Serial No. 166,595; published Sept. 25, 1923.
Cartoon feature. C. W. Kahles. 174,829; Oct. 23; Serial No. 175,871; published July 31, 1923.
Cartoon sections, Newspaper. J. A. Cunningham. 173,717; Oct. 2; Serial No. 178,959; published June 26, 1923.
Cartoon serials. Sun-Herald Corporation. 172,080; Aug. 21; Serial No. 176,370; published May 22, 1923.
Cartoon title. Public Ledger Company. 170,682; July 17; Serial No. 172,900; published Apr. 24, 1923.
Cartoons. R. W. Hertz. 177,296; Dec. 18; Serial No. 174,900; published Oct. 2, 1923.
Cartoons. International Feature Service, Inc. 163,749; Jan. 23.
Cartoons. King Feature Syndicate, Inc. 163,775; Jan. 30.
Cartoons. R. H. Mansfield. 167,855; May 8; Serial No. 161,746; published Feb. 20, 1923.
Cartoons, advertising cartoons, and illustrations. International Association of Machinists. 170,544; July 17; Serial No. 158,121; published Apr. 24, 1923.
Cartoons and illustrations used for advertising purposes. B. Reese. 170,681; July 17; Serial No. 173,209; published Apr. 24, 1923.
Cartoons, Series of. J. P. Alley. 163,703; Jan. 23.
Cartoons, Series of. Bell Syndicate Inc. 169,069; June 5; Serial No. 172,577; published Feb. 27, 1923.
Cartoons, Series of. Bell Syndicate, Inc. 172,058; Aug. 21; Serial No. 178,086; published May 22, 1923.
Cartoons, Series of. Bell Syndicate, Inc. 177,343; Dec. 18; Serial No. 181,166; published Sept. 25, 1923.
Cartoons, Series of. F. J. Gaudé. 177,346; Dec. 18; Serial No. 181,069; published Oct. 2, 1923.
Cartoons, Series of. F. A. Jaeger. 163,805; Jan. 30.
Cartoons, Series of. I. M. Johnson. 167,423; May 1; Serial No. 170,295; published Jan. 2, 1923.
Cartoons, Title for. Associated Editors. 173,765; Oct. 2; Serial No. 177,119; published June 12, 1923.
Catalogue and magazine, Periodical. Trorlicht-Duncker Carpet Co. 163,958; Feb. 6.
Catalogue section. T. W. Wood & Sons. 170,606; July 17; Serial No. 174,682; published Apr. 24, 1923.
Catalogues. Ross & Company. 177,310; Dec. 18; Serial No. 169.327; published Oct. 2, 1923.
Catalogues. Sears, Roebuck and Co. 167,921; May 8; Serial No. 169,424; published Jan. 30, 1923.
Catalogues issued monthly. American Wholesale Corporation (Baltimore Bargain House). 175,057; Oct. 30; Serial No. 179,256; published Aug. 7, 1923.
Chartlike device or key usable as an aid in teaching music. Marcus Lucius Quinn Conservatory of Music. 163.691; Jan. 23.
Circulars, bulletins, etc., Printed. International Bank. 176,539; Nov. 27; Serial No. 182,310; published Sept. 11, 1923.
Comic page, Colored. Press Publishing Company. 169,075; June 5; Serial No. 170,896; published Feb. 27, 1923.
Correspondence courses in applied arts, etc. H. W. Lamb. 175,936; Nov. 13; Serial No. 174,742; published Aug. 28, 1923.
Coupons for the purchase of merchandise. E. B. McCann. 174,823; Oct. 23; Serial No. 173,776; published July 31, 1923.
Dictionaries. G. & C. Merriam Company. 172,131; Aug. 21; Serial No. 174,584; published May 22, 1923.
Directories, combined catalogues, etc. Keystone Consolidated Publishing Company. 169,086; June 5; Serial No. 173,288; published Feb. 27, 1923.
Directories published semiannually. Tel-U-Where Co. of America. 175,742; Nov. 13; Serial No. 178,693; published Aug. 28, 1923.
House organ published monthly. Chr. Hansen's Laboratory, Inc. 176,417; Nov. 27; Serial No. 180,761; published Sept. 18, 1923.
House organ published monthly. National Paving Brick Manufacturers Association. 171,817; Aug. 14; Serial No. 175,099; published May 8, 1923.
Index and sales-data book, Combination. A. G. McMillan. 170,532; July 17; Serial No. 174,318; published Apr. 24, 1923.
Journal, Agricultural. Curtis Publishing Company. 168,901; May 29; Serial No. 166,651; published Feb. 27, 1923.

Classified list of trade-marks registered—Continued.

Journal, Monthly educational. E. B. Fritz. 169,062; June 5; Serial No. 171,634; published Mar. 13, 1923.
Labels, Adhesive printed. Industrial Engineering Research Co. 177,345; Dec. 18; Serial No. 181,076; published Sept. 25, 1923.
Literary supplements, Periodically-issued. Associated Publishers of Iowa. 169,796; July 3; Serial No. 169,741; published Mar. 27, 1923.
Magazine. The Beanpot. 176,504; Nov. 27; Serial No. 163,571; published Sept. 11, 1923.
Magazine articles. Fairchild Company. 176,531; Nov. 27; Serial No. 182,853; published Sept. 18, 1923.
Magazine, Bimonthly. Marshall Field & Company. 171,744; Aug. 14; Serial No. 161,681; published May 1, 1923.
Magazine, Biweekly. Edwin A. Scott Publishing Co. 163,697; Jan. 23.
Magazine, Biweekly. Edwin A. Scott Publishing Co. 167,859; May 8; Serial No. 156,660; published Feb. 20, 1923.
Magazine for farmers and stock raisers. Farmer and Breeder Company. 163,806; Jan. 30.
Magazine issued monthly. Commercial Truck Company. 176,710; Nov. 27; Serial No. 183,196; published Sept. 11, 1923.
Magazine issued monthly. Fielding Publishing Company. 168,272; May 15; Serial No. 168,522; published Jan. 30, 1923.
Magazine, Monthly. James W. Bell & Co. 174,012; Oct. 2; Serial No. 175,594; published June 12, 1923.
Magazine, Monthly. J. L. Caresky. 171,755; Aug. 14; Serial No. 162,918; published May 1, 1923.
Magazine, Monthly. C. H. Davis. 163,712; Jan. 23.
Magazine, Monthly. Hanson Brothers Scale Company. 165,262; Mar. 6; Serial No. 167,468; published Dec. 5, 1922.
Magazine, Monthly. Holding Committee for Educational and Philanthropic Work. 171,760; Aug. 14; Serial No. 161,315; published May 1, 1923.
Magazine, Monthly. Holland Furnace Company. 176,426; Nov. 27; Serial No. 181,024; published Sept. 11, 1923.
Magazine, Monthly. E. D. Houtain. 173,728; Oct. 2; Serial No. 179,869; published June 26, 1923.
Magazine, Monthly. Keystone Publishing Co. 175,804; Nov. 13; Serial No. 179,374; published Aug. 28, 1923.
Magazine, Monthly. Lurie Company. 170,671; July 17; Serial No. 167,471; published Apr. 24, 1923.
Magazine, Monthly. Edward Lyman Bill, Inc. 169,079; June 5; Serial No. 172,662; published Feb. 27, 1923.
Magazine, Monthly. J. D. Minster. 165,265; Mar. 6; Serial No. 166,529; published Nov. 14, 1922.
Magazine, Monthly. National Association of Electrical Contractors and Dealers. 168,239; May 15; Serial No. 167,052; published Jan. 30, 1923.
Magazine, Monthly. National Retail Hardware Association. 175,915; Nov. 13; Serial No. 180,383; published Sept. 4, 1923.
Magazine, Monthly. National School Supply Association. 177,344; Dec. 18; Serial No. 181,085; published Oct. 2, 1923.
Magazine, Monthly. Northman Publishing Company. 170,675; July 17; Serial No. 171,380; published Apr. 24, 1923.
Magazine, Monthly. Oklahoma Publishing Company. 172,121; Aug. 21; Serial No. 175,265; published May 22, 1923.
Magazine, Monthly. Oklahoma Publishing Company. 171,818; Aug. 14; Serial No. 175,266; published May 8, 1923.
Magazine, Monthly. Physical Culture Corporation. 165,218; Mar. 6; Serial No. 165,815; published Dec. 5, 1922.
Magazine, Monthly. Physical Culture Corporation. 165,220–1; Mar. 6; Serial Nos. 165,812–13; published Dec. 5, 1922.
Magazine, Monthly. Radio Publishing Corporation. 170,679; July 17; Serial No. 168,729; published Apr. 24, 1923.
Magazine, Monthly. Steam Power Publishing Corporation. 172,037; Aug. 21; Serial No. 160,725; published May 22, 1923.
Magazine, Monthly. Vickery & Hill Pub. Co., The. 175,065; Oct. 30; Serial No. 179,440; published Aug. 7, 1923.
Magazine, Monthly. E. Wray. 168,952; May 29; Serial No. 171,975; published Feb. 27, 1923.
Magazine, Name of a. S. Newman. 173,724; Oct. 2; Serial No. 179,380; published June 26, 1923.
Magazine, Name of a monthly. New York Law Review Corporation. 172,075; Aug. 21; Serial No. 176,032; published May 22, 1923.
Magazine, Name of a monthly. Radio Waves Publishing Co. 169,797; July 3; Serial No. 169,825; published Mar. 27, 1923.
Magazine or periodical. Periodical Digest Corporation. 167,487; May 1; Serial No. 155,318; published Dec. 5, 1922.
Magazine, Periodical. Levey Printing Company. 174,717; Oct. 23; Serial No. 173,503; published June 26, 1923.
Magazine, Periodical monthly. Movie Home Journal Co. 171,855; Aug. 14; Serial No. 172,609; published May 1, 1923.
Magazine published monthly. N. Tsukalas. 168,965; May 29; Serial No. 171,143; published Feb. 27, 1923.
Magazine published quarterly. Catholic Students' Mission Crusade. 170,109; July 10; Serial No. 158,224; published June 13, 1922.
Magazine, Quarterly. Collegiate World Publishing Company. 176,422; Nov. 27; Serial No. 181,730; published Sept. 18, 1923.
Magazine, Quarterly. Woman's World Magazine Co. 172,070; Aug. 21; Serial No. 177,342; published May 22, 1923.
Magazine section. Legion Publishing Corporation. 174,831; Oct. 23; Serial No. 176,196; published July 31, 1923.
Magazine, Serial Monthly. V. J. Farley. 171,859; Aug. 14; Serial No. 174,564; published May 8, 1923.
Magazine supplement, Weekly. Tribune Company. 176,515; Nov. 27; Serial No. 166,412; published Sept. 11, 1923.
Magazine title. National Committee for Mental Hygiene, Inc. 167,754; May 8; Serial No. 170,661; published Jan. 2, 1923.
Magazine title, Monthly. T. Randolph. 169,058; June 5; Serial No. 171,389; published Feb. 27, 1923.
Magazine, Title of its educational and scientific monthly. American Journal of Nursing Company. 163,683; Jan. 23.
Magazine, Title of monthly. D. Smart. 174,606; Oct. 23; Serial No. 177,112; published June 19, 1923.
Magazine, Title of quarterly. American Social Hygiene Association. 167,657; May 8; Serial No. 167,860; published Jan. 30, 1923.
Magazine, Weekly. Penton Publishing Company. 171,840; Aug. 14; Serial No. 171,281; published May 1, 1923.
Magazine, Weekly. Physical Culture Corporation. 165,219; Mar. 6; Serial No. 165,814; published Dec. 5, 1922.
Magazine, Weekly. Progressive Farmer Co. 173,888; Oct. 2; Serial No. 176,569; published June 19, 1923.
Magazines and the like, Departments or sections of and articles in. R. H. Ranger. 171,741; Aug. 14; Serial No. 169,519; published May 1, 1923.
Magazines, books, and stories. Fiction House, Inc. 174,120; Oct. 2; Serial No. 155,304; published May 29, 1923.
Magazines, calendar cards, etc. Journeymen Barbers' International Union of America. 177,293; Dec. 18; Serial No. 175,247; published Oct. 2, 1923.
Magazines, Monthly. Dean-Hicks Company, The. 173,727; Oct. 2; Serial No. 179,780; published June 26, 1923.
Magazines, Monthly. St. L. Estes. 176,602; Nov. 27; Serial No. 179,716; published Sept. 11, 1923.
Magazines, Monthly. Kaufman-Clifford, Inc. 173,804; Oct. 2; Serial No. 173,331; published June 26, 1923.
Magazines, Monthly. Needlecraft Publishing Company. 172,045; Aug. 21; Serial No. 155,444; published May 22, 1923.
Music and music books, Sheet. Fred Fisher, Inc. 169,053; June 5; Serial No. 168,577; published Mar. 13, 1923.
Music, Sheet. W. E. Baxter. 163,795; Jan. 30.
Music, Sheet. Circle Music Publishing Company. 169,447; June 19; Serial No. 172,827; published Mar. 20, 1923.
Music, Sheet. M. Witmark & Sons. 173,720; Oct. 2; Serial No. 179,122; published June 26, 1923.
Music sheets, completely-printed books, photoprints, poems. L. K. McLean. 167,857; May 8; Serial No. 159,165; published Feb. 20, 1923.
Musical publications. Forster Music Publisher, Inc. 177,628; Dec. 25; Serial No. 182,094; published Sept. 11, 1923.
New Testament, Particular edition of the. A. J. Holman Company. 163,718; Jan. 23.
News service, Weekly syndicated. Experimenter Publishing Co. 165,342; Mar. 6; Serial No. 163,865; published Dec. 12, 1922.
Newspaper. Cleveland Shopping News Company. 176,693; Nov. 27; Serial No. 159,409; published Sept. 11, 1923.
Newspaper. Victoria Murdock Estate. 177,314; Dec. 18; Serial No. 180,514; published Oct. 2, 1923.
Newspaper, Afternoon. Bellingham Publishing Company. 176,390; Nov. 27; Serial No. 175,127; published Apr. 17, 1923.
Newspaper and annual, High-school. Independent School District of Newton. 171,874; Aug. 14; Serial No. 173,833; published May 8, 1923.
Newspaper and newspaper supplements. Tribune Company. 173,669; Oct. 2; Serial No. 177,707; published May 29, 1923.
Newspaper and newspaper supplements published daily. Tribune Company. 172,059; Aug. 21; Serial No. 177,706; published May 22, 1923.
Newspaper articles. Hands Newspaper Syndicate. 163,689; Jan. 23.
Newspaper, Colored comic page in the Sunday World. Press Publishing Company. 163,726; Jan. 23.
Newspaper, Colored comic page in the Sunday World. Press Publishing Company. 163,796; Jan. 30.

Classified list of trade-marks registered—Continued.

Newspaper column, Heading for. Tribune Company. 174,759; Oct. 23; Serial No. 166,413; published July 31, 1923.
Newspaper, Column of news in its. Times Printing Company of Seattle. 175,864; Nov. 13; Serial No. 175,416; published July 31, 1923.
Newspaper-column title. New York Tribune, Inc. 169,066; June 5; Serial No. 172,430; published Mar. 13, 1923.
Newspaper column, Title for a. F. W. Wile. 175,028; Oct. 30; Serial No. 179,076; published Aug. 7, 1923.
Newspaper, Daily. Bangor Publishing Company. 165,252; Mar. 6; Serial No. 168,820; published Dec. 19, 1922.
Newspaper, Daily. A. H. Belo & Company. 175,932–4; Nov. 13; Serial Nos. 174,880–2; published Aug. 21, 1923.
Newspaper, Daily. Commercial Advertiser Association 163,735; Jan. 23.
Newspaper, Daily. Dow, Jones & Company. 168,177; May 15; Serial No. 169,627; published Jan. 2, 1923.
Newspaper, Daily. Nashville Banner Publishing Company. 169,078; June 5; Serial No. 171,099; published Feb. 27, 1923.
Newspaper, Daily. Oklahoma Publishing Company. 170,041; July 10; Serial No. 174,973; published Apr. 17, 1923.
Newspaper, Daily. Oklahoma Publishing Company. 170,045; July 10; Serial No. 175,152; published Apr. 17, 1923.
Newspaper, Daily cartoon in the Morning World. Press Publishing Company. 163,725; Jan. 23.
Newspaper, Daily comic strip in the Evening World. Press Publishing Company. 163,722–4; Jan. 23.
Newspaper, Daily comic strip in the Morning World. Press Publishing Company. 163,727; Jan. 23.
Newspaper, Morning. Bellingham Publishing Company. 176,386; Nov. 27; Serial No. 175,128; published Apr. 17, 1923.
Newspaper, Name or title of a weekly. Walker Publishing Co. 169,442; June 19; Serial No. 173,159; published Mar. 20, 1923.
Newspaper or weekly pamphlet. Manufacturers Record Company. 16,378; renewed Mar. 12, 1919.
Newspaper periodical published weekly. Bronxonian Publishing Co. 168,959; May 29; Serial No. 171,611; published Feb. 27, 1923.
Newspaper, Section of. Pulitzer Publishing Co. 165,383; Mar. 6; Serial No. 159,812; published Nov. 14, 1922.
Newspaper, Section of a. Houston Chronicle Company. 168,890; May 29; Serial No. 169,676; published Feb. 27, 1923.
Newspaper, Semiweekly agricultural. A. H. Belo & Company. 175,951; Nov. 13; Serial No. 174,883; published Aug. 21, 1923.
Newspaper supplement. Times Printing Company of Seattle. 172,060–1; Aug. 21; Serial Nos. 177,704–5; published May 22, 1923.
Newspaper, Weekly. World Publication Co. 169,068; June 5; Serial No. 172,571; published Feb. 27, 1923.
Newspapers. Advertiser Co. 165,266; Mar. 6; Serial No. 166,867; published Nov. 14, 1922.
Newspapers. Army and Navy Register Publishing Co. 22,896; renewed May 2, 1923.
Newspapers. Morning Telegraph. 163,719; Jan. 23.
Newspapers. L. Nelson-Kirkwood. 173,601; Oct. 2; Serial No. 167,361; June 12, 1923.
Newspapers. Wortham-Carter Publishing Co. 165,264; Mar. 6; Serial No. 166,489; published Nov. 14, 1922.
Newspapers, Contest, a feature in. Public Ledger Company. 168,446; May 22; Serial No. 170,505; published Feb. 20, 1923.
Newspapers, Daily and weekly. Commercial Publishing Company. 165,224; Mar. 6; Serial No. 165,621; published Dec. 5, 1922.
Newspapers, etc., Heading for a humor column syndicated to. E. A. Moss. 177,434; Dec. 18; Serial No. 182,602; published Sept. 25, 1923.
Nom de plume used for newspaper articles. Tribune Company, The. 167,615; May 1; Serial No. 147,055; published Jan. 31, 1922.
Pamphlet. Butterick Publishing Company. 172,081; Aug. 21; Serial No. 176,447; published May 22, 1923.
Pamphlets, monthly magazines, printed books, and leaflets. Co-Operative League of The United States of America, Assoc. 163,710; Jan. 23.
Paper and cardboard signs, displays, and billboard sheets. Rex Window Advertising Co. 173,768; Oct. 2; Serial No. 177,051; published June 12, 1923.
Paper, Daily. World Publishing Company. 171,640; Aug. 7.
Papers and bulletins, Trade. National Retail Dry Goods Association. 169,690; June 26; Serial No. 165,704; published Mar. 27, 1923.
Periodical. Sutton & Darbyshire, Incorporated. 177,449; Dec. 18; Serial No. 182,020; published Sept. 25, 1923.
Periodical issued weekly. J. A. Ferris. 165,250; Mar. 6; Serial No. 169,440; published Dec. 19, 1922.
Periodical issued weekly. National Association of Hosiery and Underwear Manufacturers. 169,666; June 26; Serial No. 171,033; published Mar. 27, 1923.
Periodical, Monthly. Aetna Life Insurance Company. 174,870; Oct. 23; Serial No. 180,318; published July 31, 1923.
Periodical, Monthly. Aetna Life Insurance Company. 175,145; Oct. 30; Serial No. 180,319; published Aug. 7, 1923.
Periodical, Monthly. Better Pictures Publishing Co. 173,877; Oct. 2; Serial No. 175,912; published June 26, 1923.
Periodical, Monthly. Fuller Brush Company. 163,067; Jan. 2.
Periodical, Monthly. Houston Publishing Company. 165,215; Mar. 6; Serial No. 166,183; published Dec. 5, 1922.
Periodical, Monthly. Illinois Women's Athletic Club. 169,056; June 5; Serial No. 171,321; published Feb. 27, 1923.
Periodical, Monthly. Linde Air Products Company. 165,254; Mar. 6; Serial No. 168,320; Dec. 19, 1922.
Periodical, Monthly. Northwestern Bell Telephone Company. 173,721; Oct. 2; Serial No. 179,218; published June 26, 1923.
Periodical, Monthly. Republican Women of Pennsylvania, Incorporated. 176,527; Nov. 27; Serial No. 182,610; published Sept. 18, 1923.
Periodical, Monthly. San Antonio Bible Institute, Inc. 169,439; June 19; Serial No. 173,215; published Mar. 20, 1923.
Periodical, Monthly. Star Company. 165,216; Mar. 6; Serial No. 166,111; published Nov. 14, 1922.
Periodical, Monthly. Tree Lovers Association of America. 173,718; Oct. 2; Serial No. 179,015; published June 26, 1923.
Periodical, Monthly. Yellow Cab Manufacturing Co. 173,676; Oct. 2; Serial No. 178,082; published June 12, 1923.
Periodical, Monthly. Yellow Cab Manufacturing Co. 176,425; Nov. 27; Serial No. 181,329; published Sept. 11, 1923.
Periodical, Monthly Marine. Penton Publishing Company. 177,447; Dec. 18; Serial No. 182,058; published Sept. 25, 1923.
Periodical, Plumbing and heating. Domestic Engineering Co. 169,684; June 26; Serial No. 172,589; published Mar. 27, 1923.
Periodical, Printed. Ambassador Tire Corporation. 163,733; Jan. 23.
Periodical, Printed. L. J. Hays. 165,249; Mar. 6; Serial No. 170,432; published Dec. 19, 1922.
Periodical published monthly. American Marine and Fisheries Journal. 165,253; Mar. 6; Serial No. 168,190; published Dec. 19, 1922.
Periodical published monthly. J. Ober. 163,720; Jan. 23.
Periodical published monthly. Shoe Retailer Company. 165,255; Mar. 6; Serial No. 168,558; published Dec. 19, 1922.
Periodical section. National Association of Hosiery and Underwear Manufacturers. 169,076; June 5; Serial No. 171,032; published Feb. 27, 1923.
Periodical, Section of a monthly. B. C. Bost. 170,562; July 17; Serial No. 173,910; published Apr. 17, 1923.
Periodical, Weekly. Coleman-Dobson-Cannon Co. 172,132; Aug. 21; Serial No. 174,558; published May 22, 1923.
Periodical, Weekly. F. P. Fildes, Inc. 168,268; May 15; Serial No. 167,807; published Jan. 30, 1923.
Periodical, Weekly. National Association of Hosiery and Underwear Manufacturers. 168,966; May 29; Serial No. 171,031; published Feb. 27, 1923.
Periodical, Weekly. Walter Reed General Hospital. 170,272; July 10; Serial No. 174,189; published Apr. 17, 1923.
Periodicals. American Manufacturers Foreign Credit Underwriters, Inc. 177,295; Dec. 18; Serial No. 175,120; published Oct. 2, 1923.
Periodicals. Excella Pattern Company. 173,668; Oct. 2; Serial No. 177,661; published June 19, 1923.
Periodicals. H. K. Miller. 176,714; Nov. 27; Serial No. 183,220; published Sept. 11, 1923.
Periodicals. Olympic Club. 177,338; Dec. 18; Serial No. 181,206; published Sept. 25, 1923.
Periodicals. W. H. Wood. 172,388; Aug. 28; Serial No. 169,462; published Dec. 19, 1922.
Periodicals and particularly monthly periodical catalogues. E. Eisinger Company. 165,230; Mar. 6; Serial No. 163,261; published Dec. 5, 1922.
Periodicals, Monthly. H. K. Miller. 176,526; Nov. 27; Serial No. 182,600; published Sept. 11, 1923.
Periodicals, Weekly. Cultivator Publishing Company. 175,138; Oct. 30; Serial No. 180,421; published Aug. 7, 1923.
Photo prints. National Process Company. 175,816; Nov. 13; Serial No. 158,487; published July 31, 1923.
Photographic prints. Anderson Supply Co. 163,684; Jan. 23.
Photographic prints. Z. T. Briggs Photographic Supply Co. 163,791; Jan. 30.
Photographic prints. Chastains' Incorporated. 173,594; Sept. 25.
Photographic prints. Fowler & Slater Co. 173,682; Oct. 2; Serial No. 178,380; published July 3, 1923.
Photographic prints. Harford and Noel. 163,716; Jan. 23.
Photographic prints. Harford and Noel. 165,213; Mar. 6; Serial No. 166,452; published Nov. 14, 1922.

Photographic reproductions of pictures. L. A. Howland. 172,199; Aug. 21.
Photographs. Garred & Krause Drug Co. 177,337; Dec. 18; Serial No. 181,390; published Oct. 2, 1923.
Photographs. J. F. Wiggin. 169,738; June 26.
Photographs. J. F. Wiggin. 174,958; Oct. 30; Serial No. 162,154; published Aug. 7, 1923.
Photoprints and enlargements finished in water color. C. D. Newton. 163,774; Jan. 30.
Photoprints and enlargements made on glossy paper. C. D. Newton. 163,773; Jan. 30.
Pictures. D. Davidson. 174,117; Oct. 2; Serial No. 148,932; published June 19, 1923.
Pictures or plot tinotypes, Colored. Wallace Nutting, Incorporated. 171,854; Aug. 14; Serial No. 170,831; published May 1, 1923.
Pictures printed from camera negatives. Luxite Laboratories. 173,755; Oct. 2; Serial No. 177,497; published June 12, 1923.
Pictures, Sets of. Max B. Sheffer Card Co. 173,634; Oct. 2; Serial No. 172,404; published May 29, 1923.
Post cards, Picture. C. A. Cunningham. 167,424; May 1; Serial No. 170,629; published Jan. 2, 1923.
Postal cards, Picture. O. Polizzi. 168,036; May 8.
Posters, Advertising. E. F. Mack. 172,085; Aug. 21; Serial No. 176,682; published May 22, 1923.
Posters, certificate cards, circulars, and booklets. United Garment Workers of America. 165,167; Mar. 6; Serial No. 137,547; published Dec. 19, 1922.
Printed advertising matter. F. M. Berkley. 168,919; May 29; Serial No. 151,197; published Feb. 27, 1923.
Printed advertising matter. F. Romer. 175,880; Nov. 13; Serial 180,239; published Aug. 21, 1923.
Printed articles and letters. W. L. Barnhart. 174,017; Oct. 2; Serial No. 175,379; published June 12, 1923.
Printed jobs, specifically house organs, catalogues, price lists, etc., Various completely-. J. C. Hub Manufacturing Company. 175,084; Oct. 30; Serial No. 168,111; published Aug. 7, 1923.
Printed matter. F. M. Berkley. 168,918; May 29; Serial No. 151,198; published Feb. 27, 1923.
Prints and post cards. Georgi & Co. 169,492; June 19; Serial No. 137,521; published Jan. 3, 1923.
Prints and publications. Palmer Photoplay Corporation. 171,738; Aug. 14; Serial No. 169,645; published May 22, 1923.
Prints, post cards, pictures, and photographs. W. C. Brinton. 167,861; May 8; Serial No. 152,693; published Feb. 20, 1923.
Publication. F. P. Fildes. 165,258; Mar. 6; Serial No. 167,843; published Dec. 19, 1922.
Publication. General Electric Company. 169,788; July 3; Serial No. 167,389; published Mar. 27, 1923.
Publication. Park & Pollard Company. 177,669; Dec. 25; Serial No. 180,985; published Sept. 11, 1923.
Publication. Post-Time Publishing Co. 170,050; July 10; Serial No. 175,323; published Apr. 17, 1923.
Publication. Toledo Scale Company. 165,263; Mar. 6; Serial No. 167,664; published Nov. 14, 1922.
Publication, Bimonthly and annual. International Trade Developer, Inc. 175,855; Nov. 13; Serial No. 176,187; published Aug. 21, 1923.
Publication, Daily. Greater New York Distributing Co. 163,714–15; Jan. 23.
Publication, Daily. Greater New York Distributing Co. 163,743; Jan. 23.
Publication, Daily. W. Senville. 163,799; Jan. 30.
Publication devoted to the farm-equipment industry, Monthly. Implement Age Company. 172,073; Aug. 21; Serial No. 177,000; published May 22, 1923.
Publication, Fashion. A. Parrish. 167,830; May 8; Serial No. 169,923; published Feb. 20, 1923.
Publication in magazine form, Title of a monthly. E. A. Bertrand. 168,973; May 29; Serial No. 159,684; published Feb. 27, 1923.
Publication issued at irregular intervals. Gandy Belting Company. 169,082; June 5; Serial No. 173,042; published Feb. 27, 1923.
Publication, Monthly. American Mutual Liability Insurance Company of Boston. 174,840; Oct. 23; Serial No. 178,019; published July 31, 1923.
Publications, Monthly. Baltimore Bargain House. 173,583; Sept. 25.
Publication, Monthly. Charleston Electrical Supply Co. 176,728; Nov. 27; Serial No. 173,277; published Sept. 11, 1923.
Publication, Monthly. R. R. Couch. 171,823; Aug. 14; Serial No. 175,544; published May 1, 1923.
Publication, Monthly. Diamond Cab Sales Corporation. 176,419; Nov. 27; Serial No. 181,014; published Sept. 11, 1923.
Publication, Monthly. Display Publishing Company. 165,259; Mar. 6; Serial No. 168,105; published Dec. 19, 1922.
Publication, Monthly. W. H. Fawcett. 163,713; Jan. 23.
Publication, Monthly. Fletcher American Company. 170,668; July 17; Serial No. 158,676; published Apr. 24, 1923.
Publication, Monthly. M. Freeman. 172,090; Aug. 21; Serial No. 176,892; published May 22, 1923.
Publication, Monthly. H. M. Harrison. 167,543; May 1; Serial No. 170,684; published Jan. 30, 1923.
Publication, Monthly. B. Mindlin. 177,351; Dec. 18; Serial No. 180,614; published Oct. 2, 1923.
Publication, Monthly. Modern Confectioner Publishing Company. 177,355; Dec. 18; Serial No. 181,957; published Sept. 25, 1923.
Publication, Monthly. Mutual Orange Distributors. 165,357; Mar. 6; Serial No. 168,058; published Dec. 19, 1922.
Publication, Monthly. National Federation of Uncle Sam's Voters. 176,537; Nov. 27; Serial No. 182,218; published Sept. 18, 1923.
Publication, Monthly. National Shoe Retailers Association of the United States of America Inc. 171,829; Aug. 14; Serial No. 175,806; published May 22, 1923.
Publication, Monthly. Pacific Radio Publishing Co. 174,728; Oct. 23; Serial No. 161,747; published July 31, 1923.
Publication, Monthly. A. G. Robinson. 177,495; Dec. 18; Serial No. 182,719; published Oct. 2, 1923.
Publication, Monthly. E. S. Rosenthal. 167,734; May 8; Serial No. 168,002; published Jan. 2, 1923.
Publication, Monthly. Charles Scribner's Sons. 173,713; Oct. 2; Serial No. 178,631; published June 26, 1923.
Publication, Monthly. Skinner Machinery Company. 171,865; Aug. 14; Serial No. 174,493; published May 15, 1923.
Publication, Monthly. Allen T. Smith and George F. Case. 168,957; May 29; Serial No. 171,661; published Feb. 27, 1923.
Publication, Monthly. Successful Farming Publishing Co. 168,895; May 29; Serial No. 168,436; published Feb. 27, 1923.
Publication, Monthly. Union Trust Company. 163,797; Jan. 30.
Publication, Monthly. United States Hoffman Machinery Corporation. 164,034; Feb. 6.
Publication, Monthly. G. F. Whitehouse. 176,418; Nov. 27; Serial No. 180,997; published Sept. 11, 1923.
Publication, Monthly. M. Wile & Co. 171,772; Aug. 14; Serial No. 173,547; published May 1, 1923.
Publication, Monthly trade. J & B Manufacturing Company. 165,154; Mar. 6; Serial No. 152,802; published Nov. 14, 1922.
Publication, Motorists'. Tourist Handbook Pub. Co. 175,051; Oct. 30; Serial No. 179,386; published Aug. 7, 1923.
Publication, Name of. American Education Press, Inc. 173,881; Oct. 2; Serial No. 176,246; published June 12, 1923.
Publication, Occasional. J. T. Igoe. 172,116; Aug. 21; Serial No. 175,721; published May 22, 1923.
Publication on the correction of stammering. S. D. Robbins. 177,471; Dec. 18; Serial No. 175,568; published Sept. 25, 1923.
Publication page. Toledo Scale Company. 170,373; July 17; Serial No. 174,115; published Apr. 17, 1923.
Publication, Periodical. L. A. Heine. 172,089; Aug. 21; Serial No. 176,828; published May 22, 1923.
Publication, Periodical. Jack-O-Lantern Board. 169,077; June 5; Serial No. 171,084; published Mar. 13, 1923.
Publication, Periodical. Norristown Herald, Inc. 169,059; June 5; Serial No. 171,431; published Mar. 13, 1923.
Publication, Periodical. Norristown Herald Printing and Publishing Co. 175,792; Nov. 13; Serial No. 179,738; published Aug. 28, 1923.
Publication, Periodical. Whitman & Keith Co. 169,074; June 5; Serial No. 170,852; published Feb. 27, 1923.
Publication published daily, Periodical. Norristown Herald, Inc. 172,092; Aug. 21; Serial No. 176,910; published May 22, 1923.
Publication, Quarterly. Delta Sigma Phi Fraternity. 175,292. Nov. 6; Serial No. 153,715; published June 12, 1923.
Publication, Quarterly. Periodical Publishing Company. 171,807; Aug. 14; Serial No. 177,403; published May 22, 1923.
Publication, Section of a daily. R. F. Couch. 168,925; May 29; Serial No. 175,545; published Mar. 27, 1923.
Publication, Section of monthly. R. Wightman. 165,173; Mar. 6; Serial No. 130,306; published Nov. 14, 1922.
Publication, Semimonthly. Class Journal Company. 172,119; Aug. 21; Serial No. 175,385; published May 22, 1923.
Publication title. Western Electric Company. 174,905; Oct. 23; Serial No. 178,941; published July 31, 1923.
Publication, Title of a quarterly. International Western Electric Company. 177,490; Dec. 18; Serial No. 182,973; published Oct. 2, 1923.
Publication, Title of daily. Press-Union Publishing Co. 167,593–4; May 1; Serial Nos. 169,778–9; published Jan. 30, 1923.
Publication, Trade. Modern Miller Company. 163,781; Jan. 30.
Publication, Weekly. Bragdon, Lord & Nagle Co. 177,372; Dec. 18; Serial No. 181,726; published Oct. 2, 1923.
Publication, Weekly. Pathfinder Publishing Co. 175,914; Nov. 13; Serial No. 180,387; published Aug. 21, 1923.
Publication, Weekly. E. C. Rayner, 163,758; Jan. 23.
Publication, Weekly. Textile Publishing Company. 169,070; June 5; Serial No. 172,659; published Feb. 27, 1923.

Publications. A. Bowyer. 177,333; Dec. 18; Serial No. 181,669; published Sept. 25, 1923.
Publications. D. Loeser. 175,819; Nov. 13; Serial No. 160,196; published Aug. 21, 1923.
Publications and negotiable papers. North-Western Trust & Savings Bank. 171,036; July 31; Serial No. 151,922; published Apr. 10, 1923.
Publications and printed literature. Philadelphia Quartz Company. 173,608; Oct. 2; Serial No. 158,728; published July 3, 1923.
Publications, House-organ. Goodyear Tire & Rubber Company. 172,044; Aug. 21; Serial No. 157,566; published May 8, 1923.
Publications, Monthly. Binder Brothers, Inc. 164,839; Feb. 27.
Publications, Monthly. Experimenter Publishing Co. 163,780; Jan. 30.
Publications—namely, catalogues. McCord Manufacturing Company. 169,087; June 5; Serial No. 173,291; published Feb. 27, 1923.
Publications, Periodical. American Agriculturalist, Inc. 173,680; Oct. 2; Serial No. 178,204; published July 10, 1923.
Publications, Periodical. Institute For Public Service. 171,767; Aug. 14; Serial 173,707; published May 8, 1923.
Publications, Periodical. B. T. Shields. 169,965; July 10; Serial No. 174,927; published Apr. 17, 1923.
Publications, Weekly. Bankers Supply Co. 176,424; Nov. 27; Serial No. 181,509; published Sept. 11, 1923.
Radio manual. Modern Publishing Company. 163,784; Jan. 30.
Recipes and printed recipes, Compilation and card index of. Geo. D. Roper Corporation. 174,857; Oct. 23; Serial No. 176,654; published July 31, 1923.
Review, Quarterly. Council on Foreign Relations, Inc. 168,893; May 29; Serial No. 169,348; published Mar. 6, 1923.
Stamps or seals. National Tuberculosis Association. 163,810; Jan. 30.
Stamps, Trading. Merchants Gold Stamp Company. 164,554; Feb. 20.
Stories, In continuing series of. C. Boynton. 165,157; Mar. 6; Serial No. 149,375; published Dec. 5, 1922.
Story, Serial. E. P. Norwood. 169,063; June 5; Serial No. 172,009; published Feb. 27, 1923.
Tokens and coupons, Premium. United Profit Sharing Corporation. 163,766; Jan. 23.
Trading certificates. R. L. Mason. 173,803; Oct. 2; Serial No. 173,518; published May 29, 1923.

CLASS 39.

Apparel, Articles of ladies'. I. Pachner & Son, Inc. 177,273; Dec. 11; Serial No. 183,342; published Sept. 25, 1923.
Apparel, Articles of men's and ladies'. I. Pachner & Son, Inc. 171,737; Aug. 14; Serial No. 169,737½; published May 22, 1923.
Apparel, Athletic. S. M. Elowsky & Co. 176,270; Nov. 20; Serial No. 177,478; published Sept. 4, 1923.
Apparel, Children's, misses', and women's wearing. Solomon Mfg. Co. 177,520; Dec. 18; Serial No. 167,663; published Sept. 4, 1923.
Apparel for men and women, Wearing. Rosenwald & Weil. 169,388; June 12; Serial No. 168,070; published Jan. 9, 1923.
Apparel for men and women, Wearing. Rosenwald & Weil Inc. 174,816; Oct. 23; Serial No. 180,892; published Aug. 7, 1923.
Apparel, Infants' and children's wearing. R. M. Raphael. 175,961; Nov. 13; Serial No. 171,434; published Aug. 28, 1923.
Apparel, Infants' and young children's. S. Rouff. 175,935; Nov. 13; Serial No. 174,864; published Aug. 28, 1923.
Apparel, Ladies' and misses' wearing. Lehman Brothers, Inc. 172,603; Sept. 11; Serial No. 170,656; published June 5, 1923.
Apparel, Ladies' ready-to-wear. Millards. 172,195; Aug. 21.
Apparel, Ladies' wearing. J. B. Orkin Corp. 172,153; Aug. 21.
Apparel, Wearing. Childs Specialty House. 173,911; Oct. 2; Serial No. 175,849; published July 10, 1923.
Apparel, Wearing. J. Maddocks. 23,502; renewed Aug. 15, 1923.
Apparel, Women's, children's, and infants'. H. A. Whitley. 164,793; Feb. 27.
Apparel, Women's wearing. A. H. Flanders Company. 173,976; Oct. 2; Serial No. 172,269; published July 17, 1923.
Apron and girdle supporters, Household. A. Stein & Company. 176,143; Nov. 20; Serial No. 183,003; published Sept. 11, 1923.
Aprons. R. H. Macy & Co. 174,394; Oct. 16; Serial No. 174,524; published July 17, 1923.
Aprons. E. B. Townsend. 164,752; Feb. 27.
Aprons and dresses, Women's. Sterling Company. 176,555; Nov. 27; Serial No. 180,948; published Aug. 20, 1923.
Aprons and frocks. Rowley Co. 166,733; Apr. 10.
Aprons and house dresses, Ladies' and misses'. Forest City Manufacturing Company. 173,427; Sept. 25; Serial No. 162,397; published June 26, 1923.
Aprons, bungalow aprons, and dresses. L. N. Gross Company. 163,579; Jan. 23.
Aprons, dresses, and bloomers. Rhea Manufacturing Co. 175,117; Oct. 30; Serial No. 176,653; published Aug. 7, 1923.
Aprons for icemen. United States Rubber Company. 171,848; Aug. 14; Serial No. 171,002; published May 15, 1923.
Aprons, Household. I. B. Kleinert Rubber Company. 164,822; Feb. 27.
Aprons, Ladies'. M. Sharaf. 166,713; Apr. 10; Serial No. 156,027; published Jan. 2, 1923.
Aprons, Women's. E. Roth. 169,430; June 12.
Aprons, Women's. Saks & Company. 169,105; June 5.
Arm bands. A. Stein & Company. 169,381; June 12; Serial No. 171,475; published Mar. 20, 1923.
Arm bands and suspenders. A. Stein & Company. 176,206; Nov. 20; Serial No. 179,118; published Sept. 4, 1923.
Baby pants or diaper covers. S. H. Shoninger. 170,568; July 17; Serial No. 163,709; published Oct. 24, 1922.
Bags, baseball, bathing, and college caps, men's and ladies' sport clothes, Bat. P. Goldsmith's Sons. 171,192; July 31; Serial No. 139,353; published May 8, 1923.
Bandeau and girdle, brassière and girdle, and brassière and corselette, Combined. D. Bickum. 176,210; Nov. 20; Serial No. 178,953; published Aug. 28, 1923.
Bandeaux and brassières. Vanity Brassiere Company. 168,077; May 15; Serial No. 156,557; published July 11, 1922.
Bandeaux and brassières. Warner Brothers Company. 176,039; Nov. 13; Serial No. 179,903; published Aug. 14, 1923.
Bandeaux, Boudoir. K. Fisk. 168,292; May 15.
Bands, Arm. American Wholesale Corporation (Baltimore Bargain House). 176,360; Nov. 20.
Bath robe which may be used as a towel. C. R. Hoyme. 168,559–60; May 29; Serial Nos. 166,505–6; published Feb. 13, 1923.
Bath robes, Baby. J. Kaplan. 166,632; Apr. 10; Serial No. 168,218; published Jan. 9, 1923.
Bath robes, bathing suits, coats, and suits, etc. M. E. Blatt Co. 168,185; May 15; Serial No. 169,117; published Feb. 6, 1923.
Bath robes, shawls, hosiery, etc. Pendleton Woolen Mills. 164,236; Feb. 13.
Bathing capes. Chesapeake Weaving Mills, Inc. 173,937; Oct. 2; Serial No. 177,121; published July 17, 1923.
Bathing caps. R. F. Graigen. 171,302; Aug. 7; Serial No. 164,757; published May 1, 1923.
Bathing suits. Avalon Knitwear Company. 171,324; Aug. 7; Serial No. 168,570; published May 8, 1923.
Bathing suits. John H. Leich Co. 164,040; Feb. 6.
Bathing suits. Lindeke, Warner & Sons, Inc. 164,759; Feb. 27.
Bathing suits. Niagara Knitting Mills Corp. 169,426; June 12.
Bathing suits. Olga Incorporated. 164,754; Feb. 27.
Bathing suits. Utility Rubber Goods Company. 163,196; Jan. 2.
Bathing suits and sweaters. Pacific Knitting Mills, Inc. 163,611; Jan. 23.
Bathing suits, Knitted. Blue Ribbon Knitting Mills. 173,914; Oct. 2; Serial No. 175,063; published July 10, 1923.
Bathing suits, Knitted and textile. Manchester Knitting Mills, Inc. 172,657; Sept. 11; Serial No. 174,844; published June 5, 1923.
Belts. J. P. Gordon. 172,509; Aug. 28.
Belts. Marathon Tire & Rubber Company. 166,606; Apr. 10; Serial No. 148,499; published Jan. 9, 1923.
Belts. Martin and Martin, Inc. 165,306; Mar. 6; Serial No. 162,884; published Nov. 14, 1922.
Belts, Apparel. Harris Suspender Company. 170,421; July 17; Serial No. 172,944; published Apr. 3, 1923.
Belts, corsets, braces, etc., Abdominal. S. H. Camp & Company. 173,576; Sept. 25.
Belts, Leather. Marshall Field & Company. 164,591; Feb. 20.
Belts, Men's. T. J. O'Connor & Sons, Incorporated. 168,178; May 15; Serial No. 169,557; published Jan. 30, 1923.
Belts, shoes, and slippers. American Rubber & Tire Co. 168,338; May 22; Serial No. 168,338; published Feb. 20, 1923.
Bibs. G. Carlson. 175,731; Nov. 13; Serial No. 179,029; published Aug. 28, 1923.
Bibs, house aprons, bathing caps, and baby pants, Infants'. J. J. Beyerle Mfg. Co. 166,157; Mar. 27; Serial No. 154,300; published Oct. 24, 1922.
Bibs, infants' pants, waterproof aprons, Baby. Mills Brothers Company. 168,333; May 22; Serial No. 161,935; published Feb. 20, 1923.
Bloomer play suit with sunbonnet to match. Schafuss Corporation. 164,766; Feb. 27.
Bloomers. S. Gelarie. 168,487; May 22.
Bloomers. W. A. Goldsmith. 171,485; Aug. 7; Serial No. 151,987; published May 1, 1923.

Bloomers. Walter A. Goldsmith Co. 175,165; Oct. 30; Serial No. 181,116; published Aug. 7, 1923.
Bloomers, Baby. Rubberized Sheeting & Specialty Co. 176,094; Nov. 13.
Bloomers, brassières, step-ins, etc., Ladies'. F. Rosenberg. 167,992; May 8.
Bloomers for babies and children. A. M. Breit. 172,957; Sept. 11; Serial No. 175,296; published June 5, 1923.
Bloomers, Ladies' fabric underwear. E. Munzer & Co. 172,047; Aug. 21; Serial No. 154,524; published May 22, 1923.
Bloomers, pantalets, and petticoats, Women's. Eagle Skirt Company. 173,836; Oct. 2; Serial No. 171,490; published June 26, 1923.
Bloomers, Women's. L. N. Gross Company. 169,769; July 3; Serial No. 169,240; published April 3, 1923.
Blouses. L. Bamberger & Co. 164,245–6; Feb. 13.
Blouses and shirts, Boys'. Burstein-Friedland & Co. 176,118; Nov. 20; Serial No. 166,976; published Sept. 11, 1923.
Blouses and waists, Ladies' handmade. Beerman & Frank, Inc. 163,023; Jan. 2.
Blouses, Boys'. M. Finkelson. 169,230; June 12; Serial No. 167,351; published Mar. 13, 1923.
Blouses, Boys'. M. Finkelson. 171,780; Aug. 14; Serial No. 173,041; published May 22, 1923.
Blouses, dresses, skirts, suits, and sweaters. L. A. Wolin Company. 168,344; May 22; Serial No. 149,875; published Feb. 13, 1923.
Blouses, ladies', children's, and misses' dresses, knickers, boys' suits, bloomers, overshirts, etc., Middy. H. W. Goldman. 174,260; Oct. 9; Serial No. 177,484; published July 3, 1923.
Blouses, skirts, etc., Women's and children's. R. F. Homberg. 166,621; Apr. 10; Serial No. 168,970; published Jan. 9, 1923.
Bonnets, hats, and caps. L. R. Stampher. 166,820; Apr. 17; Serial No. 166,750; published Jan. 9, 1923.
Boot and shoe tips and counters. Geo. E. Keith Company. 176,023; Nov. 13; Serial No. 177,675; published July 24, 1923.
Bootees, bibs, bonnets, coats, etc., Infants'. Melcher, Paradise, & Landau. 167,795; May 8; Serial No. 164,650; published Feb. 6, 1923.
Boots and shoes. Edwin Clapp & Son, Inc. 165,351; Mar. 6; Serial No. 169,198; published Nov. 14, 1922.
Boots and shoes. Edwin Clapp & Son, Inc. 169,522; June 19; Serial No. 172,639; published Mar. 27, 1923.
Boots and shoes. Commonwealth Shoe and Leather Company. 176,342; Nov. 20.
Boots and shoes. Crooker & Morse, Inc. 173,756; Oct. 2; Serial No. 177,428; published July 10, 1923.
Boots and shoes. Curtis Shoe Company. 169,374; June 12; Serial No. 169,703; published Mar. 13, 1923.
Boots and shoes. W. L. Douglas Shoe Company. 176,015; Nov. 13; Serial No. 176,331; published May 22, 1923.
Boots and shoes. Eli Boot Shop Co. 171,768; Aug. 14; Serial No. 173,629; published May 8, 1923.
Boots and shoes. Foot, Schulze & Co. 177,795; Dec. 25.
Boots and shoes. Philip Giard Shoe Company. 173,846; Oct. 2; Serial No. 173,886; published June 12, 1923.
Boots and shoes. International Shoe Company. 168,159; May 15; Serial No. 165,380; published Feb. 20, 1923.
Boots and shoes. V. K. & A. H. Jones & Thomas Co. 170,737; July 24; Serial No. 173,357; published Apr. 24, 1923.
Boots and shoes. Jordan Marsh Company. 164,021; Feb. 6.
Boots and shoes. Juvenile Shoe Corporation of America. 173,835; Oct. 2; Serial No. 170,199; published June 26, 1923.
Boots and shoes. Juvenile Shoe Corporation of America. 173,837; Oct. 2; Serial No. 170,196; published June 26, 1923.
Boots and shoes. Juvenile Shoe Corporation of America. 174,110; Oct. 2; Serial No. 170,198; published June 26, 1923.
Boots and shoes. Mabley & Carew Company. 166,209; Mar. 27; Serial No. 169,173; published Dec. 5, 1922.
Boots and shoes. Mabley & Carew Company. 176,361; Nov. 20.
Boots and shoes. J. T. Read. 166,172; Mar. 27; Serial No. 166,406; published Oct. 3, 1922.
Boots and shoes. Rich Shoe Company. 169,418; June 12.
Boots and shoes. Rubberhide Company. 176,854; Dec. 4; Serial No. 170,992; published Sept. 18, 1923.
Boots and shoes. A. W. Smith Shoe Company. 164,049; Feb. 13.
Boots and shoes. Stetson Shoe Company. 166,976; Apr. 17.
Boots and shoes. Utz & Dunn Co. 163,825; Jan. 30.
Boots and shoes. Whitman & Keith Co. 169,518; June 19; Serial No. 172,311; published Mar. 27, 1923.
Boots and shoes. Whitman & Keith Co. 171,894; Aug. 14; Serial No. 171,974; published May 8, 1923.
Boots and shoes, Kid, canvas, and leather. Juvenile Shoe Corporation of America. 166,835; Apr. 17; Serial No. 170,200; published Jan. 23, 1923.
Boots and shoes, Leather. S. Alexander. 170,486; July 17; Serial No. 172,410; published Apr. 17, 1923
Boots and shoes, Leather. Carpenter Shoe Company. 166,081; Mar. 27; Serial No. 158,917; published Nov. 14, 1922.
Boots and shoes, Leather. Chippewa Shoe Mfg. Co. 172,111; Aug. 21; Serial No. 172,261; published May 22, 1923.
Boots and shoes, Leather. B. E. Cole Co. 168,265; May 15; Serial No. 170,055; published Feb. 27, 1923.
Boots and shoes, Leather. Commonwealth Shoe and Leather Company. 176,211; Nov. 20; Serial No. 178,894; published Aug. 28, 1923.
Boots and shoes, Leather. Commonwealth Shoe and Leather Company. 176,375; Nov. 20.
Boots and shoes, Leather. Dugan & Hudson Co. 172,030; Aug. 21; Serial No. 166,655; published May 22, 1923.
Boots and shoes, Leather. A. C. Erickson. 172,129; Aug. 21; Serial No. 174,613; published May 22, 1923.
Boots and shoes, Leather. Charles K. Fox, Inc. 172,021; Aug. 21; Serial No. 170,574; published May 22, 1923.
Boots and shoes, Leather. Gale Shoe Manufacturing Co. 171,733; Aug. 14; Serial No. 170,061; published Jan. 30, 1923.
Boots and shoes, Leather. Geo. E. Keith Company. 170,219; July 10; Serial No. 152,760; published Apr. 3, 1923.
Boots and shoes, Leather. Krohn-Fechheimer Co. 169,581; June 26; Serial No. 160,013; published Aug. 22, 1922.
Boots and shoes, Leather. A. E. Little Company. 166,035; Mar. 27; Serial No. 167,725; published Nov. 14, 1922.
Boots and shoes, Leather. Thos. H. Logan Co. 166,610; Apr. 10; Serial No. 135,759; published Jan. 16, 1923.
Boots and shoes, Leather. McIntosh Company. 163,115; Jan. 2.
Boots and shoes, Leather. Neenah Shoe Company. 169,429; June 12.
Boots and shoes, Leather. A. W. Smith Shoe Company. 169,401; June 12; Serial No. 160,159; published Mar. 20, 1923.
Boots and shoes, Pads manufactured from rubber or rubber composition for application to. Blakey's Boot Protectors, Limited. 164,067–8; Feb. 13.
Boots and shoes, Soles and heels for. Seiberling Rubber Company. 173,619; Oct. 2; Serial No. 164,564; published June 12, 1923.
Boots and shoes, Supplemental soles for. H-M Manufacturing Co. 176,277; Nov. 20; Serial No. 177,605; published Aug. 28, 1923.
Boots and shoes, Women's. Globe Shoe Company. 170,166; July 10; Serial No. 169,900; published Apr. 3, 1923.
Boots, shoes, and sandals. L. P. Haight. 164,070; Feb. 13.
Boots, shoes, and slippers. Gebs Boot Shop. 177,409; Dec. 18; Serial No. 180,174; published Oct. 2, 1923.
Boots, shoes and slippers. Alfred Hale Rubber Company. 170,716; July 24; Serial No. 173,314; published Apr. 24, 1923.
Boots, shoes, and slippers. Thomas G. Plant Company. 165,297; Mar. 6; Serial No. 165,156; published Nov. 7, 1922.
Boots, shoes, and slippers. Thomas G. Plant Company. 176,124; Nov. 20; Serial No. 167,422; published July 31, 1923.
Boots, shoes and slippers. Rice & Hutchins. 163,617; Jan. 23.
Boots, shoes, and slippers. Wichert Inc. 172,127; Aug. 21; Serial No. 174,806; published May 22, 1923.
Boots, shoes, and slippers, Leather. W. H. McElwain Company. 176,993; Dec. 11; Serial No. 176,903; published Sept. 18, 1923.
Boots, shoes, etc. H. H. Roosa. 176,123; Nov. 20; Serial No. 167,658; published Aug. 28, 1923.
Boots, shoes, gloves, and mittens, Leather. Helmholz Mitten Company. 165,728; Mar. 20; Serial No. 169,060; published Dec. 19, 1922.
Boots, shoes, overshoes. E. H. Milgram. 163,971; Feb. 6.
Boots, shoes, oxfords, and low quarters, Leather. Grossman Shoe Co. 172,078; Aug. 21; Serial No. 176,267; published May 22, 1923.
Boots, shoes, slippers. B. Rosenberg & Sons, Inc. 165,954; Mar. 27; Serial No. 149,933; published Jan. 2, 1923.
Boots, shoes, slippers. A. Wallace. 176,942; Dec. 4.
Boots, shoes, slippers, and sandals. Bloom Sublyme Shoe Co. 173,812; Oct. 2; Serial No. 171,524; published July 3, 1923.
Boots, shoes, slippers, and sandals. B. Friedman. 169,412; June 12.
Boots, shoes, slippers, and spats. Thomas G. Plant Company. 166,308; Mar. 27.
Boots, shoes, slippers, kimonos, negligees. K. M. Stone. 168,786; May 29; Serial No. 123,911; published Apr. 27, 1920.
Bows, neckties, cravats. Arrow Neckwear Co. 163,549; Jan. 23.
Braces and suspenders, Shoulder. Knickerbocker Brace Company. 23,427; renewed Aug. 1, 1923.
Brassières. Benjamin & Johnes. 170,826; July 24; Serial No. 170,861; published Apr. 24, 1923.
Brassières. D. Bickum. 173,661; Oct. 2; 176,159; published June 26, 1923.

Classified list of trade-marks registered—Continued.

Brassières. D. Bickum. 173,832; Oct. 2; Serial No. 174,999; published June 26, 1923.
Brassières. Birdsey Somers Company. 173,440; Sept. 25; Serial No. 174,532; published June 26, 1923.
Brassières. Boyshform Brassiere Co. 173,551–3; Sept. 25.
Brassières. Carmen Manufacturing Company. 166,207; Mar. 27; Serial No. 169,237; published Jan. 2, 1923.
Brassières. Elite Brassiere Co. 164,134; Feb. 13.
Brassières. Ida Munzer, Inc. 176,017; Nov. 13; Serial No. 176,804; published July 31, 1923.
Brassières. L. E. Levy. 164,768; Feb. 27.
Brassières. Lucile Somarco Brassiere. 166,378; Apr. 3. Serial No. 169,768; published Jan. 2, 1923.
Brassières. Modishform Brassiere Co. 177,006; Dec. 11; Serial No. 180,291; published Sept. 11, 1923.
Brassières. Chas. R. De Bevoise Co. 166,727; Apr. 10; Serial No. 159,744; published July 18, 1922.
Brassières. Chas. R. De Bevoise Co. 174,964; Oct. 30; Serial No. 159,503; published Aug. 7, 1923.
Brassières. Chas. R. De Bevoise Co. 174,966; Oct. 30; Serial No. 159,502; published Aug. 7, 1923.
Brassières. Chas. R. De Bevoise Co. 175,954; Nov. 13; Serial No. 175,010; published Aug. 7, 1923.
Brassières. Chas. R. De Bevoise Co. 176,879; Dec. 4; Serial No. 181,983; published Sept. 11, 1923.
Brassières. Naturaline Corset Company. 169,516; June 19; Serial No. 172,116; published Mar. 27, 1923.
Brassières. Nature's Rival Company. 174,756; Oct. 23; Serial No. 165,406; published July 24, 1923.
Brassières. B. Rubenstein. 167,802; May 8; Serial No. 161,146; published Feb. 6, 1923.
Brassières. R. & R. Underwear. 173,975; Oct. 2; Serial No. 172,013; published July 17, 1923.
Brassières. W. S. D. Underwear Co. 176,218; Nov. 20; Serial No. 178,586; published Aug. 28, 1923.
Brassières and bloomers and a union garment. S. M. Aminoff. 176,089; Nov. 13.
Brassières and corsets. J. M. Kinney. 176,833; Dec. 4; Serial No. 181,898; published Sept. 11, 1923.
Brassières and corsets. Modishform Brassiere, Inc. 168,281; May 15.
Brassières and garter brassières. Model Brassiere Co. 176,204; Nov. 20; Serial No. 179,280; published Aug. 14, 1923.
Brassières and girdles. La Belle Brassiere Co. 176,973; Dec. 11; Serial No. 179,209; published Sept. 11, 1923.
Brassières and women's underwear. Madame Irene. 173,338; Sept. 25; Serial No. 173,498; published June 26, 1923.
Brassières, bandeaux, and corsets. Beauty Brassiere Company. 164,222; Feb. 13.
Brassières, bandeaux, and corsets. H. Shain. 166,389; Apr. 3; Serial No. 169,425; published Dec. 5, 1922.
Brassières, brasselettes, and corsets. La Resista Corset Company. 164,737; Feb. 27.
Brassières, corsets, camisoles, chemises, etc. Grande Maison de Blanc, Inc. 175,522; Nov. 6; Serial No. 175,141; published Aug. 28, 1923.
Burial garments. Theo. Tiedemann & Sons, Inc. 166,161; Mar. 27; Serial No. 151,730; published May 16, 1922.
Bust forms and extenders, bustles, brassières, etc. Warren Featherbone Company. 167,996; May 8.
Camisoles, bloomers, chemises, etc. Laskin Brothers. 171,842; Aug. 14; Serial No. 171,223; published May 15, 1923.
Caps. Bamberger Reinthal Company. 170,722; July 24; Serial No. 173,459; published June 5, 1923.
Caps. Bamberger Reinthal Company. 172,548; Sept. 4; Serial No. 173,457; published June 5, 1923.
Caps. H. H. Cohen. 172,505; Aug. 28.
Caps. Cooper, Davidson & Klein Cap Company. 175,962; Nov. 13; Serial No. 171,486; published Sept. 4, 1923.
Caps. Fendelman Brothers Cap and Hat Manufacturing Company. 173,000; Sept. 11; Serial No. 177,287; published June 5, 1923.
Caps. H. L. Jacobs. 166,809; Apr. 17; Serial No. 167,877; published Jan. 9, 1923.
Caps. National Cap Manufacturing Company. 176,209; Nov. 20; Serial No. 178,862; published Sept. 4, 1923.
Caps. S. Schanzer. 176,202; Nov. 20; Serial No. 180,031; published Aug. 14, 1923.
Caps, Adjustable. Town Talk M'f'g Co. 166,970; Apr. 17.
Caps, Adjustable. Town Talk Mfg. Co. 172,507; Aug. 28.
Caps and aprons. Brown & Bigelow. 172,784; Sept. 11; Serial No. 160,743; published June 5, 1923.
Caps and college hats, Sport and rooters'. Wheeler Manufacturing Co. 163,205; Jan. 2.
Caps and hats. Crofut & Knapp Co. 176,268; Nov. 20; Serial No. 176,253; published Aug. 7, 1923.
Caps and hats for men and women. Crofut & Knapp Co. 172,508; Aug. 28.
Caps and hats for men and women. Crofut & Knapp Co. 176,014; Nov. 13; Serial No. 176,329; published July 31, 1923.
Caps and hats, Men's and boys' cloth. John Miller Cap Co. 166,645; Apr. 10; Serial No. 165,592; published Dec. 19, 1922.
Caps and soft hats. S. Goldstein. 168,656; May 29; Serial No. 166,449; published Feb. 20, 1923.
Caps, Boys' and men's. S. M. Blumenfield. 170,365; July 17; Serial No. 173,953; published Apr. 3, 1923.
Caps, Boys' sport. J. Kaufman & Sons. 172,754; Sept. 11; Serial No. 175,499; published June 5, 1923.
Caps for men and boys. Beck & Belaief. 169,394; June 12; Serial No. 165,910; published Mar. 6, 1923.
Caps for men, boys, and children. National Cap Mfg. Company. 171,133; July 31; Serial No. 159,522; published May 1, 1923.
Caps, hats, derbies. Sarnoff-Irving Hat Stores, Inc. 165,688; Mar. 20; Serial No. 170,220; published Dec. 19, 1922.
Caps, hats, gloves, fur coats, etc. Dobbs & Co. 174,832; Oct. 23; Serial No. 176,257; published Aug. 7, 1923.
Caps, hats, leather and fabric gloves, hosiery, etc. Knox Hat Company. 166,062; Mar. 27; Serial No. 167,989; published Dec. 26, 1922.
Caps, Infants'. Birnbaum, Rosenbloom & Yellen. 177,108; Dec. 11; Serial No. 173,696; published Sept. 18, 1923.
Caps, Men's and boys'. J. C. Penney Company. 172,088; Aug. 21; Serial No. 176,760; published May 22, 1923.
Caps, Men's, boys', and children's. Hirschberg & Co. 164,231–2; Feb. 13.
Caps, Men's, boys', and children's. Jackoway & Katz Cap Co. 168,259; May 15; Serial No. 171,174; published Feb. 13, 1923.
Caps, Silk opera. J. Fleischer. 173,550; Sept. 25.
Caps, straw and felt hats, and derbies, Men's. Sarnoff-Irving Hat Stores, Inc. 168,823; May 29; Serial No. 170,221; published Jan. 30, 1923.
Caps, sweaters, scarfs, etc. J. B. Shansby. 176,571; Nov. 27; Serial No. 178,534; published Sept. 18, 1923.
Cloaks and capes, Children's. Shoninger-Heinsheimer Manufacturing Co. 173,341; Sept. 25; Serial No. 171,963; published July 3, 1923.
Cloaks and wraps, Ladies'. Amsterdam & Sachs, Inc. 168,284; May 15.
Cloaks, capes, and suits, Juniors' and misses'. Shoninger-Heinsheimer Manufacturing Co. 173,819; Oct. 2; Serial No. 171,964; published July 3, 1923.
Cloaks, suits, and coats, Women's. Miltex Cloak & Suit Co. 175,123; Oct. 30; Serial No. 176,030; published July 17, 1923.
Cloaks, suits, and skirts, Ladies'. H. Director. 166,704; Apr. 10; Serial No. 167,385; published Dec. 12, 1923.
Cloaks, suits, dresses. M. Kirschner & Sons. 174,058; Oct. 2; Serial No. 178,346; published July 10, 1923.
Cloaks, suits, dresses. M. Kirschner & Sons. 176,965; Dec. 11; Serial No. 178,345; published July 10, 1923.
Cloaks, wraps, and suits for ladies. Mabley & Carew Company. 168,183; May 15; Serial No. 169,174; published Jan. 30, 1923.
Clothes and caps, Boys'. Ant-I-Wet Corporation. 164,940; Feb. 27.
Clothes for men and boys, outer works. A. B. Frank Company. 166,075; Mar. 27; Serial No. 159,310; published Nov. 7, 1922.
Clothes for women, Sport. E. Grossman. 166,723; Apr. 10; Serial No. 160,936; published Jan. 9, 1923.
Clothes, Men's and women's sport. H. G. Warland. 172,211; Aug. 28; Serial No. 173,457; published May 29, 1923.
Clothing. C. J. Gessing & Sons Company. 166,664; Apr. 10; Serial No. 165,016; published Dec. 19, 1922.
Clothing. Guiterman Bros. 177,556; Dec. 18; Serial No. 173,354; published Oct. 2, 1923.
Clothing. Indianapolis Tent & Awning Company. 168,385; May 22; Serial No. 169,595; published Feb. 20, 1923.
Clothing. Jordan Marsh Company. 166,250; Mar. 27; Serial No. 163,461; published Dec. 19, 1922.
Clothing. Jordan Marsh Company. 169,290; June 12; Serial No. 164,437; published Mar. 20, 1923.
Clothing. Magnus Imports, Ltd. 176,561; Nov. 27; Serial No. 180,871; published Sept. 18, 1923.
Clothing. J. C. Shannon. 176,588; Nov. 27; Serial No. 180,398; published Sept. 18, 1923.
Clothing. Symons Brothers and Company. 173,580; Sept. 25.
Clothing. Vanity Fair Silk Mills. 163,197; Jan. 2.
Clothing and garments, Women's and young women's. Style-Center Tailoring Company. 173,204; Sept. 18; Serial No. 172,566; published June 19, 1923.
Clothing and haberdashery, Men's, young men's, and boys'. J. Hilton. 177,009; Dec. 11; Serial No. 153,507; published June 26, 1923.
Clothing and wearing apparel. Phillips-Jones Corporation. 163,827–8; Jan. 30.
Clothing, Certain. Bernhard Ulmann Co. 163,903; Feb. 6. 164,642; Feb. 27.
Clothing, Children's. Shotwell's Inc. 172,783; Sept. 11; Serial No. 158,403; published June 5, 1923.
Clothing, Children's ready-to-wear. J. C. Penney Company. 166,691; Apr. 10; Serial No. 166,258; published Jan. 2, 1923.
Clothing, coats, suits, and dresses, Outer. P. H. Sampliner Company. 176,250; Nov. 20; Serial No. 180,724; published Sept. 11, 1923.
Clothing for men, women, and children, Outer. Peerless Smoking Jacket Co. 164,059; Feb. 13.
Clothing for men, Work. Stahl-Urban and Co. 163,625; Jan. 23.
Clothing, Handmade silk. C. R. Tannehill. 169,308; June 12; Serial No. 168,499; published Mar. 20, 1923.

Clothing, Infants' and children's. Taylor Bramley Co. 164,054; Feb. 13.
Clothing, Men's. W. F. Moran. 166,711; Apr. 10; Serial No. 157,000; published July 11, 1922.
Clothing, Men's and boys' outer. L. Schaeffer. 164,779; Feb. 27.
Clothing, Men's and young men's. P. H. Davis Tailoring Company. 169,214; June 12; Serial No. 146,069; published Dec. 20, 1923.
Clothing, Men's and youths'. Golitsky, Posner & Hock. 177,509; Dec. 18; Serial No. 153,807; published May 16, 1922.
Clothing, Men's outer. Frankel Bros. 171,889; Aug. 14; Serial No. 172,469; published May 22, 1923.
Clothing, Men's outer. B. Kuppenheimer & Co. 171,729; Aug. 14; Serial No. 170,587; published May 15, 1923.
Clothing, Men's ready-made. Thexton & Wright Ltd. 168,087; May 15; Serial No. 160,310; published Feb. 13, 1923.
Clothing, Men's, women's, and children's. Cary & Company. 163,966; Feb. 6.
Clothing, Men's, young men's, and boys'. A. M. Cohen. 166,607; Apr. 10; Serial No. 148,435; published Jan. 31, 1922.
Clothing, Outdoor. Meier & Frank Co. 166,670; Apr. 10; Serial No. 165,402; published Jan. 16, 1923.
Clothing, Waterproof. Alligator Oil Clothing Company. 169,729; June 26.
Clothing, Work. J. O. Fly. 177,118; Dec. 11; Serial No. 181,389; published Sept. 11, 1923.
Coats. Dorfman & Miller. 169,765; July 3; Serial No. 169,396; published Apr. 3, 1923.
Coats. Eaton Rapids Woolen Mills. 168,527; May 22.
Coats. I. L. Freedman. 168,212; May 15; Serial No. 150,009; published Jan. 30, 1923.
Coats. Sperry Textile Corporation. 172,171; Aug. 21.
Coats. United States Rubber Company. 173,495; Sept. 25; Serial No. 175,580; published June 19, 1923.
Coats and capes, Children's and ladies'. Yale Cloak Co. Inc. 171,292; Aug. 7; Serial No. 166,426; published May 8, 1923.
Coats and like negligees, Breakfast. De Garcy Co. 172,149; Aug. 21; Serial No. 161,821; published June 19, 1923.
Coats and pants, Men's. Tropical Clothing Manufacturing Co. 176,895; Dec. 4.
Coats and suits. E. J. Wile & Co. 168,003; May 8.
Coats and suits, Ladies'. Wilkin & Adler, Inc. 173,654; Oct. 2; Serial No. 176,519; published June 19, 1923.
Coats and suits, Ladies' and misses'. Zieser & Kling. 174,584; Oct. 23; Serial No. 180,643; published July 24, 1923.
Coats and suits, Misses'. S. & M. Silverstein Co. 164,078; Feb. 13.
Coats and trousers. L. J. & C. D. Jaffee, Inc. 168,023; May 8.
Coats, bathing suits, capes, children's and infants' dresses. R. H. Macey & Co. 166,608; Apr. 10; Serial No. 148,393; published Dec. 12, 1922.
Coats, capes, mantles, and raincoats. Sanborn Wetherwear Coat Co. 169,937; July 3.
Coats, cloaks, and suits, Women's and misses'. Harry Greenberg Co. 168,022; May 8.
Coats, cloaks, capes, suits, etc. Salt's Textile Manufacturing Company. 172,158–60; Aug. 21.
Coats, cloaks, suits, etc., Women's, children's, and infants'. Salt's Textile Manufacturing Company. 172,212; Aug. 28; Serial No. 173,676; published May 29, 1923.
Coats, cloaks, suits, etc., Women's, children's, and infants'. Salt's Textile Manufacturing Company. 175,971; Nov. 13; Serial No. 160,371; published Sept. 4, 1923.
Coats, cloaks, suits, skirts, waists, etc. E. T. Slattery Company. 164,000; Feb. 6.
Coats, cloaks, wraps, capes, suits, dresses, etc. Salt's Textile Manufacturing Company. 169,293; June 12; Serial No. 165,313; published Mar. 20, 1923.
Coats, cloaks, wraps, capes, suits, etc. Salt's Textile Manufacturing Company. 164,758; Feb. 27.
Coats, Cloth and rain. Bay State Cloth Steaming Company. 171,913; Aug. 14.
Coats, Convertible. United States Overall Manufacturing Company. 173,664; Oct. 2; Serial No. 175,972; published June 19, 1923.
Coats for ladies and misses. John & James Dobson, Inc. 168,282; May 15.
Coats for ladies and misses. John & James Dobson, Inc. 168.329; May 22; Serial No. 165,289; published Jan. 2, 1923.
Coats, Girls'. New York Girl Coat Co. 172,859; Sept. 11; Serial No. 169,491; published June 5, 1923.
Coats, Infants'. Federal Underwear Co. 172,200; Aug. 28; Serial No. 171,837; published May 29, 1923.
Coats, Infants' and girls'. Kiddie Coat Manufacturing Co. 166,649; Apr. 10; Serial No. 161,078; published Jan. 23, 1923.
Coats, Ladies'. Superior Garment Company. 176,252; Nov. 20; Serial No. 181,356; published Sept. 11, 1923.
Coats, Ladies and misses'. S. N. Brimberg. 163,554; Jan. 23.
Coats, Office. L. Berger. 173,555; Sept. 25.
Coats, Plush. S. Goldin & Co. 166,112; Mar. 27; Serial No. 150,673; published Dec. 5, 1922.
Coats, Sheepskin. Slands M'f'g. Co. 177,254; Dec. 11; Serial No. 183,636; published Sept. 25, 1923.
Coats, skirts, and suits, Women's, misses,' and children's. Barrist & Co. 173,435; Sept. 25; Serial No. 174,764; published June 26, 1923.
Coats, skirts, knickerbockers, suits, and dresses, Women's. Cohen & Edelman. 172,602; Sept. 11; Serial No. 170,740; published June 5, 1923.
Coats, suits, and dresses. Sunshine Cloak & Suit Co. 164,761; Feb. 27.
Coats, suits, dresses, and hats, Women's. L. H. Burgower. 175,443; Nov. 6; Serial No. 127,709; published Aug. 7, 1923.
Coats, suits, dresses, outer skirts, and waists. Printz Biederman Co. 171,669; Aug. 7.
Coats, suits, duck trousers, vests, etc., Office. L. Berger. 174,131; Oct. 2.
Coats, suits, skirts. Koen Brothers. 173,518; Sept. 25.
Coats, Topper. W. Kleinberg. 168,286; May 15.
Coats, vests, and trousers, Men's. M. Sussman & Sons. 163,182; Jan. 2.
Coats, vests, and trousers, Men's, boys', and children's. Wearpledge Corporation. 163,643; Jan. 23.
Coats, vests, pants, and knickerbockers, Men's and boys'. Goodall Worsted Co. 170,138; July 10; Serial No. 162,546; published Apr. 10, 1923.
Coats, vests, pants, and overcoats. M. Robinson. 176,811; Nov. 27.
Coats, vests, trousers, and overcoats. J. Lauterstein. 172,161; Aug. 21.
Coats, vests, trousers, and overcoats. Menter Co. 164,792; Feb. 27.
Coats, waistcoats, bath robes, etc., women's and girls' furnishings, undergarments, and clothing, Men's and boys'. Franklin Simon & Co. 173,348; Sept. 25; Serial No. 170,431; published June 26, 1923.
Coats, Women's. Woodward & Lothrop. 176,093; Nov. 13.
Coats, Women's and children's. B. Birmbaum. 177,584; Dec. 18.
Coats, wraps, capes, and neckpieces. H. Uswald. 173,418; Sept. 25; Serial No. 155,280; published June 19, 1923.
Coats, wraps, capes, and neck pieces, Fur. H. Uswald. 173,419; Sept. 25; Serial No. 155,281; published June 19, 1923.
Coats, wraps, dresses, etc. Salt's Textile Manufacturing Company. 176,085; Nov. 13.
Collars. Cluett, Peabody & Company. 174,365; Oct. 16; Serial No. 176,451; published July 17, 1923.
Collars. Cluett, Peabody & Company. 174,834; Oct. 23; Serial No. 176,326; published Aug. 7, 1923.
Collars. Harry and Charles Cohen. 171,845; Aug. 14; Serial No. 171,151; published May 15, 1923.
Collars. Phillip-Jones Corporation. 172,169–70; Aug. 21.
Collars. Roggen Bros. & Co. 163,618; Jan. 23.
Collars. M. M. Weil. 164,239; Feb. 13.
Collars and cuffs. Franklin Simon & Co. 176,500; Nov. 27; Serial No. 173,338; published Sept. 11, 1923.
Collars and silk ties, Soft. American Wholesale Corporation (Baltimore Bargain House). 172,162; Aug. 21.
Collars, cuffs, aprons, caps, bibs, uniforms, etc., Nurses'. E. W. Marvin Company. 174,796; Oct. 23; Serial No. 174,845; published July 24, 1923.
Collars for personal wear. E. I. du Pont de Nemours & Company. 166,787; Apr. 17; Serial No. 160,053; published Jan. 9, 1923.
Collars, Men's. C. Schwartz. 171,891; Aug. 14; Serial No. 172,359; published May 22, 1923.
Collars, Men's dress and negligee. Cluett, Peabody & Co. 165,873; Mar. 20; Serial No. 171,304; published Dec. 26, 1922.
Collars, Men's soft. B. Stromberg. 163,850; Jan. 30.
Collars, neckties, suspenders, etc. Babcock & Shannon Co. 171,269; July 31; Serial No. 168,869; published May 8, 1923.
Collars, nightdresses, skirts, kimonos, etc., Clerical. John F. McEvoy, Inc. 171,908; Aug. 14.
Collars, pyjamas, and shirts. H. Berger. 176,481; Nov. 27; Serial No. 180,739; published Sept. 11, 1923.
Collars, pyjamas, and shirts, Men's and boys'. H. Berger. 175,146; Oct. 30; Serial No. 180,741; published Aug. 7, 1923.
Collars, pyjamas, and shirts, Men's and boys'. H. Berger. 175,148–9; Oct. 30; Serial Nos. 180,742–3; published Aug. 7, 1923.
Collars, Shirt. Geo. P. Ide & Co. 173,919; Oct. 2; Serial No. 174,012; published July 10, 1923.
Corset waists. Marshall Field & Company. 169,419; June 12.
Corsets. J. L. Alberts. 168,160; May 15; Serial No. 165,516; published Feb. 20, 1923.
Corsets. J. L. Alberts. 171,469; Aug. 7; Serial No. 165,517; published May 8, 1923.
Corsets. L. Bamberger & Co. 164,873; Feb. 27.
Corsets. Bay State Corset Company. 163,552; Jan. 23.
Corsets. Berger Brothers Company. 168,308; May 15.
Corsets. C. G. Brown. 167,995; May 8.
Corsets. F. P. Hoy, Inc. 172,279; Aug. 28; Serial No. 169,972; published May 29, 1923.

Classified list of trade-marks registered—Continued.

Corsets. F. P. Hoy, Inc. 176,869; Dec. 4; Serial No. 182,307; published Sept. 25, 1923.
Corsets. Mme. Irène. 173,838; Oct. 2; Serial No. 169,361; published Apr. 24, 1923.
Corsets. Jackson Corset Company. 176,029; Nov. 13; Serial No. 178,723; published Sept. 4, 1923.
Corsets. A. Jones. 176,364; Nov. 20.
Corsets. La Resista Corset Company. 164,861; Feb. 27.
Corsets. La Resista Corset Company. 172,000; Aug. 21; Serial No. 167,004; published May 29, 1923.
Corsets. Naturaline Corset Company. 168,202; May 15; Serial No. 164,601; published Jan. 30, 1923.
Corsets. R & G Corset Company. 176,366; Nov. 20.
Corsets. Schilling Corset Co. 23,242; renewed June 27, 1923.
Corsets. Sears, Roebuck and Co. 176,141; Nov. 20; Serial No. 175,525; published July 31, 1923.
Corsets. Strouse, Adler & Co. 163,253–5; Jan. 2.
Corsets. Strouse, Adler & Co. 165,932; Mar. 20.
Corsets. Strouse, Adler & Co. 166,041; Mar. 27; Serial No. 167,947; published Jan. 2, 1923.
Corsets. Strouse, Adler & Co. 166,042; Mar. 27; Serial No. 167,950; published Jan. 2, 1923.
Corsets. Strouse, Adler & Co. 166,043–4; Mar. 27; Serial Nos. 167,955–6; published Jan. 2, 1923.
Corsets. Strouse, Adler & Co. 168,630; May 29; Serial No. 167,952; published Jan. 30, 1923.
Corsets. Warner Brothers Company. 166,712; Apr. 10; Serial No. 156,610; published Jan. 9, 1923.
Corsets. Weingarten Bros. 173,805; Oct. 2; Serial No. 173,061; published July 3, 1923.
Corsets. Woodward & Lothrop. 166,174; Mar. 27. Serial No. 166,423; published Jan. 2, 1922.
Corsets and brassières. L. Bamberger & Co. 166,726; Apr. 10; Serial No. 160,486; published Jan. 16, 1923.
Corsets and brassières. Camlin Corset Co. 170,386; July 17; Serial No. 170,620; published Apr. 10, 1923.
Corsets and brassières. Interstate Corset Company. 173,648; Oct. 2; Serial No. 176,739; published June 26, 1923.
Corsets, brassières, and bandeaux. Regal Corset Company. 164,181; Feb. 13.
Corsets, brassières, and combination corsets and brassières. International Corset Company. 173,834; Oct. 2; Serial No. 174,785; published June 26, 1923.
Corsets, brassierès, and girdles. Birdsey-Somers Co. 172,998; Sept. 11; Serial No. 177,212; published June 5, 1923.
Corsets, brassières, and underwear. Kops Bros. 166,215; Mar. 27; Serial No. 169,027; published Jan. 2, 1923.
Corsets, brassières, and underwear. Kops Bros. 166,216; Mar. 27; Serial No. 169,025; published Jan. 2, 1923.
Corsets, brassières, and underwear. Kops Bros. 166,217; Mar. 27; Serial No. 169,023; published Jan. 2, 1923.
Corsets, brassières, and underwear. Kops Bros. 166,218; Mar. 27; Serial No. 169,021; published Jan. 2, 1923.
Corsets, brassières, and underwear. Kops Bros. 166,219; Mar. 27; Serial No. 169,019; published Jan. 2, 1923.
Corsets, brassières, and underwear for women. Kops Bros. 177,109–11; Dec. 11; Serial Nos. 174,248–50; published Sept. 18, 1923.
Corsets, brassières, belts, etc. American Lady Corset Co. 164,769; Feb. 27.
Corsets, brassières, corset covers, and waists. Kops Bros. 166,046; Mar. 27; Serial No. 167,988; published Dec. 5, 1922.
Corsets, brassières, corset covers, etc. Kops Bros. 166,045; Mar. 27; Serial No. 167,986; published Jan. 2, 1923.
Corsets, brassières, corset covers, waists, and underwear. Kops Bros. 170,946; July 24; Serial No. 167,987; published Apr. 24, 1923.
Corsets, brassières, girdles, confiners. Poirette Corsets, Inc. 163,615; Jan. 23.
Corsets, brassières, girdles, etc. American Lady Corset Co. 166,028; Mar. 27; Serial No. 167,067; published Jan. 2, 1923.
Corsets, brassières, waists, bands. Manhattan Corset Company. 176,914; Dec. 4.
Corsets, corselettes, and brassières. Fifth Avenue Corset Company. 176,251; Nov. 20; Serial No. 178,171; published Aug. 28, 1923.
Corsets, corset waists, and brassières. Ferris Bros. Company. 176,142; Nov. 20; Serial No. 175,779; published July 31, 1923.
Corsets, corset waists, brassières, bandeaux, etc. American Lady Corset Company. 166,038; Mar. 27; Serial No. 167,752; published Jan. 2, 1923.
Corsets, corset waists, brassières, bandeaux, etc. Frolaset Corset Co. 176,019; Nov. 13; Serial No. 177,180; published Aug. 28, 1923.
Corsets, corset waists, brassières, bandeaux, etc. Royal Worcester Corset Company. 168,146; May 15; Serial No. 169,650; published Feb. 20, 1923.
Corsets, corset waists, brassières, bandeaux, girdles, belts, etc. American Lady Corset Co. 163,994; Feb. 6.
Corsets, corset waists, brassières, bandeaux, girdles, belts, etc. American Lady Corset Co. 164,002; Feb. 6.
Corsets, corset waists, brassières, bandeaux, girdles, etc. American Lady Corset Company. 165,904; Mar. 20.
Corsets, corset waists, brassières, etc. American Lady Corset Company. 174,170; Oct. 9; Serial No. 179,916; published July 17, 1923.
Corsets, corset waists, girdles, etc. Ferris Bros. Company. 166,048; Mar. 27; Serial No. 168,841; published Jan. 2, 1923.
Corsets, corset waists, undergarment, etc. American Lady Corset Co. 173,557; Sept. 25.
Corsets, etc. L. F. Tighe. 174,306; Oct. 9.
Corsets, girdles, bandeaux, and brassières. Owego Corset Company. 170,727; July 24; Serial No. 172,899; published Apr. 24, 1923.
Corsets, girdles, belts, etc. Trolaset Corset Co. 175,022; Oct. 30; Serial No. 177,291; published Aug. 14, 1923.
Corsets, ladies' underwear, etc. C. Munter. 174,986; Oct. 30; Serial No. 174,701; published Aug. 14, 1923.
Corsets, middies, women's hats and blouses. L. Bamberger & Co. 164,874; Feb. 27.
Corsets, waist corsets, brassières. C. Munter. 166,612–13; Apr. 10; Serial Nos. 141,320–1; published Jan. 2, 1923.
Corsets, waist corsets, brassières, and undergarments. C. Munter. 174,854–5; Oct. 23; Serial Nos. 177,192–3; published Aug. 7, 1923.
Corsets, waist corsets, brassières, etc. C. Munter. 175,931; Nov. 13; Serial No. 179,813; published Aug. 28, 1923.
Corsets, waists, brassières, and girdle brassières. Ferris Bros. Co., 166,861; Apr. 17; Serial No. 163,576; published Jan. 9, 1923.
Corsets, waists, girdles, and corset combinations. Birdsey Somers Company. 168,323; May 22; Serial No. 167,221; published Jan. 30, 1923.
Corsets, waists, girdles, and corset combinations. Birdsey Somers Company. 168,622; May 29; Serial No. 167,507; published Jan. 30, 1923.
Costumes and skirts, Ladies'. Bradford Dyers' Association, Limited. 168,787; May 29; Serial No. 124,042; published Feb. 20, 1923.
Costumes comprising knickerbockers and jackets. Harris Coat House. 164,767; Feb. 27.
Cravats. Maryland Neckwear Company. 164,560; Feb. 20.
Cravats. Willow Weaving Co. 174,416; Oct. 16; Serial No. 179,576; published July 17, 1923.
Cravats and neckties. Cheney Brothers. 163,036; Jan. 2.
Cravats and scarfs. Franc, Strohmenger & Cowan, Inc. 163,575; Jan. 23.
Cravats, Knitted. P. Trabulsi. 173,712; Oct. 2; Serial No. 177,151; published June 26, 1923.
Cravats, Ladies' and gentlemen's. Arthur Siegman, Inc. 172,156; Aug. 21.
Cravats, mufflers, men's lounging robes. J. M. Feinson. 173,486; Sept. 25; Serial No. 175,854; published June 12, 1923.
Dresses. Barbara Ann Dress Shops, Inc. 166,665; Apr. 10; Serial No. 165,055; published Jan. 2, 1923.
Dresses. Barmon Brothers Company. 176,092; Nov. 13.
Dresses. Borgenicht & Sons Co. 176,109; Nov. 20; Serial No. 158,843; published Aug. 28, 1923.
Dresses. I. Finkelstein. 163,840; Jan. 30.
Dresses. Jerome Frank & Co. 166,702; Apr. 10; Serial No. 167,719; published Jan. 9, 1923.
Dresses. J. L. Hudson Co. 175,551; Nov. 6; Serial No. 180,121; published Aug. 28, 1923.
Dresses. Jack Levy, Inc. 173,194; Sept. 18; Serial No. 173,136; published June 12, 1923.
Dresses. Levy-Shulman & Co. 176,801; Nov. 27.
Dresses. Marvin Shaw and Co. 171,849; Aug. 14; Serial No. 170,995; published May 15, 1923.
Dresses. A. H. Morgen. 172,432; Aug. 28; Serial No. 176,753; published May 29, 1923.
Dresses. S. Moses. 176,471–2; Nov. 27; Serial Nos. 181,140–1; published Sept. 11, 1923.
Dresses. Nickels Manufacturing Company. 169,770; July 3; Serial No. 169,179; published Apr. 3, 1923.
Dresses. J. Ober. 171,746; Aug. 14; Serial No. 166,848; published May 22, 1923.
Dresses. Schwartz-Singer Co. 169,321; June 12; Serial No. 170,219; published Mar. 20, 1923.
Dresses. Shapero, Lewis & Co. 172,861; Sept. 11; Serial No. 170,551; published June 5, 1923.
Dresses. John Wanamaker, New York. 163,640–1; Jan. 23.
Dresses. H. E. Wolf. 173,015; Sept. 11; Serial No. 173,803; published June 5, 1923.
Dresses and aprons. E. Ash; 164,866; Feb. 27.
Dreses and aprons, Females'. A. J. Dougherty. 168,109; May 15; Serial No. 135,638; published July 26, 1921.
Dresses and aprons, House. Bender-Flynn Company. 164,218; Feb. 13.
Dresses and aprons, House. Perfection Garment Company. 175,116; Oct. 30; Serial No. 176,692; published Aug. 7, 1923.
Dresses and aprons, House. Richardson Dry Goods Company. 172,208; Aug. 28; Serial No. 173,301; published May 29, 1923.
Dresses and aprons, Wash. John C. Michael Company. 173,760; Oct. 2; Serial No. 177,313; published July 10, 1923.
Dresses and bath robes, Cotton. S. L. Hoffman. 164,226; Feb. 13.
Dresses and hosiery, Women's. Associated Merchandising Corporation. 175,964; Nov. 13; Serial No. 172,194; published Aug. 21, 1923.
Dresses and rompers, Children's. Universal Romper Company. 163,637; Jan. 23.

Dresses and sacks, boudoir caps, fancy knit sweaters, etc., Ladies' and children's. S. M. & R. Co. Inc. 168,350; May 22; Serial No. 130,246; published Apr. 11, 1922.
Dresses and suits. Solomon Mfg. Co. 177,402; Dec. 18; Serial No. 178,006; published Oct. 2, 1923.
Dresses and suits, Sport and outing. Solomon Mfg. Co. 164,080; Feb. 13.
Dresses and waists. Samuel M. Foster Company. 173,685; Oct. 2; Serial No. 178,600; published July 10, 1923.
Dresses and waists. Pollak Bros. Company. 173,866; Oct. 2; Serial No. 175,211; published July 10, 1923.
Dresses and waists, Women's. L. J. Margulies. 173,408; Sept. 25; Serial No. 176,902; published June 26, 1923.
Dresses, Apron. N. Simon & Co. 174,174; Oct. 9; Serial No. 179,748; published July 17, 1923.
Dresses, aprons, and undergarments. I. S. Bruno. 164,939; Feb. 27.
Dresses, aprons, hosiery, etc. Milton G. Cooper Dry Goods Co. 177,347; Dec. 18; Serial No. 180,844; published Oct. 2, 1923.
Dresses, bath robes, aprons, negligees, Ladies'. Miller Brothers. 176,495; Nov. 27; Serial No. 166,841; published Sept. 18, 1923.
Dresses, bungalow aprons, bathrobes, and kimonos, Ladies'. Hamburger Bros. 169,391; May 22; Serial No. 169,901; published Feb. 13, 1923.
Dresses, Children's. B. Altman & Co. 177,536; Dec. 18; Serial No. 184,051; published Oct. 9, 1923.
Dresses, Children's. Marks-Tager Co. 164,746; Feb. 27.
Dresses, Children's. Martha Maid Manufacturing Company. 174,059; Oct. 2; Serial No. 178,367; published July 10, 1923.
Dresses, Children's. United Garment Company. 163,636; Jan. 23.
Dresses, Children's, girls', and women's. I. Ginsberg & Bros. 171,727; Aug. 14; Serial No. 170,636; published May 15, 1923.
Dresses, coats, and blouses, Ladies'. R. Kirshbaum & Son, Inc. 171,245; July 31; Serial No. 169,957; published May 8, 1923.
Dresses, coats, and suits. Schroeder & Worth. 177,013; Dec. 11; Serial No. 159,820; published Sept. 18, 1923.
Dresses, coats, and suits, Ladies'. S. Klein. 164,757; Feb. 27.
Dresses, coats, and suits, Ladies'. S. Klein. 174,989; Oct. 30; Serial No. 174,081; published Aug. 7, 1923.
Dresses, costumes, and gowns. Dickes, Block and Abbey. 175,365; Nov. 6. Serial No. 176,538; published Aug. 14, 1923.
Dresses for ladies and misses. Malito Bros., Inc. 164,423; Feb. 20.
Dresses for women. Tailored Woman, Inc. 175,362; Nov. 6; Serial No. 177,148; published Aug. 14, 1923.
Dresses, Girls'. J. Warshauer. 166,635; Apr. 10; Serial No. 168,186; published Jan. 9, 1923.
Dresses, gowns, suits, wraps, and coats. Jenny Lee Frocks Inc. 175,142; Oct. 30; Serial No. 180,378; published Aug. 14, 1923.
Dresses, hats, coats, etc., Children's. F. Conried. 171,904; Aug. 14.
Dresses, Ladies'. L. Bernstein. 171,267; July 31; Serial No. 169,235; published May 8, 1923.
Dresses, Ladies'. Betty Brown Co. 166,605; Apr. 10; Serial No. 148,920; published Dec. 12, 1922.
Dresses, Ladies'. Lovinger-Schwartz Co. 174,288; Oct. 9; Serial No. 179,414; published July 10, 1923.
Dresses, Ladies'. S. G. Robinson & Co. 164,804; Feb. 27.
Dresses, Ladies' and children's. M. O'Callaghan. 166,619; Apr. 10; Serial No. 169,180; published Jan. 2, 1923.
Dresses, Ladies' and misses'. Jos. A. Morris & Co. 171,239; July 31; Serial No. 170,399; published May 8, 1923.
Dresses, Ladies' and misses'. D. E. Perper. 176,240; Nov. 20; Serial No. 182,835; published Sept. 11, 1923.
Dresses, Ladies' and misses'. E. M. Thomas. 174,206; Oct. 9; Serial No. 179,688; published July 10, 1923.
Dresses, Misses'. Dolly Madison Dresses, Inc. 175,815; Nov. 13; Serial No. 157,760; published Aug. 21, 1923.
Dresses of cotton and silk, Children's. S. L. Phorylles, Inc. 164,868; Feb. 27.
Dresses, rompers, caps, coats, and hats, Infants'. Sachs Bros. and Jalkut. 173,650; Oct. 2; Serial No. 176,655; published June 26, 1923.
Dresses, rompers, overslips, and petticoats, Infants' and children's. P. Rostold. 173,026; Sept. 11; Serial No. 172,558; published June 5, 1923.
Dresses, shirt waists, blouses, rompers, underwear, etc., Ladies'. A. Quinn. 166,694; Apr. 10; Serial No. 166,606; published Dec. 12, 1922.
Dresses, skirts, waists, etc. J. Garfinkle. 173,383; Sept. 25; Serial No. 174,362; published July 10, 1923.
Dresses, skirts, wraps, blouses. J. A. Migel, Inc. 175,137; Oct. 30; Serial No. 180,485; published Aug. 14, 1923.
Dresses, suits, waists, etc., Ladies', misses', and children's knitted. Bab, Inc. 177,568; Dec. 18; Serial No. 176,532; published Aug. 21, 1923.
Dresses, Tailor-made. Greenwald, Friedman & Co. 173,699; Oct. 2; Serial No. 177,184; published June 19. 1923.
Dresses, Textile cotton. Lancaster Mills. 175,947; Nov. 13; Serial No. 172,747; published Aug. 28, 1923.
Dresses, waists, skirts, middies, and smocks. Elgin Waist Company. 163,228; Jan. 2.
Dresses, Women's. L. Bamberger & Co. 171,730; Aug. 14; Serial No. 170,361; published May 22, 1923.
Dresses, Women's. L. Bamberger & Co. 177,308; Dec. 18; Serial No. 170,360; published Oct. 2, 1923.
Dresses, Women's. I. Ginsberg & Bros. 171,883; Aug. 14; Serial No. 172,671; published May 22, 1923.
Dresses, Women's. Levy-Shulman & Co. 173,200; Sept. 18; Serial No. 172,996; published June 12, 1923.
Dresses, Women's and misses'. Mallas Cravis Co. 174,265; Oct. 9; Serial No. 176,029; published July 10, 1923.
Dresses, women's robes and gowns, suits, etc. A. & S. Levy Co. 177,647; Dec. 25; Serial No. 172,001; published July 3, 1923.
Dresses, Young girls'. G. Killfeather. 177,279; Dec. 11; Serial No. 183,157; published Sept. 25, 1923.
Dresses, Young ladies'. J. Philip Rosenbloom Co. 171,258; July 31; Serial No. 169,457; published May 1, 1923.
Elastic speciaties. B. & R. Mfg. Co. 164,228; Feb. 13.
Feet warmers. A. W. Field. 163,064; Jan. 2.
Football pants and jackets, knit worsted union suits, football shoes, etc. James W. Brine Company. 173,203; Sept. 18; Serial No. 172,579; published June 19, 1923.
Football pants and jackets, union suits, football shoes, etc. James W. Brine Company. 164,770–2; Feb. 27.
Footwear. Cambridge Rubber Company. 166,263; Mar. 27; Serial No. 165,230; published Nov. 14, 1922.
Footwear. I. Cohen. 171,701; Aug. 7.
Footwear. Crescent Shoe Co. 168,283; May 15.
Footwear, Leather. Franklin Shoe Manufacturing Co. 164,220; Feb. 13.
Footwear, Sport. Sportmox Company. 176,272; Nov. 20; Serial No. 177,413; published Aug. 7, 1923.
Frocks. Newman, Marcus & Torchia. 173,684; Oct. 2; Serial No. 178,455; published July 10, 1923.
Frocks and aprons, House. Morgan-Anderson Company. 168,386; May 22; Serial No. 169,602; published Feb. 20, 1923.
Fur coats, capes, etc. Feldbaum & Spiegel, Inc. 171,260; July 31; Serial No. 169,439; published May 8, 1923.
Fur coats, capes, scarfs, etc. Jalkoff Bros. Inc. 176,570; Nov. 27; Serial No. 178,505; published Sept. 18, 1923.
Fur coats, scarfs, muffs, chokers, and dolmans. Philipsborn's Inc. 171,847; Aug. 14; Serial No. 171,036; published May 15, 1923.
Fur coats, Women's. Fried Engel & Company. 168,318; May 22; Serial No. 168,214; published Jan. 9, 1923.
Fur coats, wraps, capes, and neck pieces. H. Uswald. 173,973; Oct. 2; Serial No. 155,576; published July 17, 1923.
Fur coats, wraps, scarfs, etc. Wells-Treister Co. 172,205; Aug. 28; Serial No. 172,699; published May 29, 1923.
Fur collars and cuffs. Edward Kolbert & Sons. 177,500; Dec. 18; Serial No. 182,248; published Oct. 2, 1923.
Fur garments. Brandenburg & Brandenburg. 168,336; May 22; Serial No. 160,993; published Feb. 20, 1923.
Fur garments. M. Cohen & Bros. 164,242; Feb. 13.
Fur garments. F. L. Gould. 168,070; May 15; Serial No. 162,401; published Feb. 20, 1923.
Fur garments. P. Richman. 176,111; Nov. 20; Serial No. 162,349; published Aug. 28, 1923.
Fur garments and women's coats with fur trimmings. Safchik & Company. 168,112; May 15; Serial No. 147,895; published Mar. 7, 1922.
Fur kerchief for women. Myriad Manufacturing Co. 175,045; Oct. 30; Serial No. 178,269; published Aug. 7, 1923.
Furs, fur coats, and cloth coats, plain or fur trimmed, for men and women. Revillon Frères. 164,858; Feb. 27.
Furs, garments—namely, fur coats, capes, etc. M. Cohen & Bros. 164,113; Feb. 13.
Furs, Ladies'. Rosenberg Bros. 175,373; Nov. 6; Serial No. 178,675; published Aug. 14, 1923.
Furnishings and clothing, Women's and misses'. Best & Co. 172,970; Sept. 11; Serial No. 174,884; published June 5, 1923.
Furnishings, Men's. M. Berg. 169,379; June 12; Serial No. 171,118; published Mar. 6, 1923.
Gaiters. S. Rauh & Co. 166,168; Mar. 27; Serial No. 166,099; published Jan. 2, 1923.
Gaiters of leather, fabric, and combination. F. H. Timson. 170,161; July 10; Serial No. 169,731; published Apr. 3, 1923.
Garment composed of combination brassière and chemise. Vanity Fair Silk Mills. 171,293; Aug. 7; Serial No. 166,420; published May 1, 1923.
Garment used as a cloak, bonnet, and carriage robe, One-piece infants'. B. B. Grumiaux. 163,580; Jan. 23.
Garments. Dottie-May Co. 163,054; Jan. 2.
Garments and women's coats with fur trimming, Fur. Safchik & Company. 168,673; May 29; Serial No. 147,894; published Mar. 7, 1922.
Garments, Boys' outer. J. J. Preis & Company. 171,888; Aug. 14; Serial No. 172,490; published May 22, 1923.

Classified list of trade-marks registered—Continued.

Garments for female wear, Outer. Horatio Simon & Co. 175,942; Nov. 13; Serial No. 173,339; published Aug. 28, 1923.
Garments for men and boys, Sleeping. Steiner & Son, Incorporated. 163,627; Jan. 23.
Garments for men, young men, and boys, Outer. Wozniak & Company. 166,599; Apr. 10; Serial No. 151,302; published Aug. 1, 1922.
Garments for outer wear, Semimade. Readi-Sew Package Co. 163,838; Jan. 30.
Garments, headwear, underwear, work, negligée, and dress shirts, and blouses, Outer. United Turkey Red Company Limited. 172,035; Aug. 21; Serial No. 162,787; published May 22, 1923.
Garments, Knitted outer. Hawley Knitting Mills, Inc. 173,822; Oct. 2; Serial No. 172,221; published July 10, 1923.
Garments, Ladies' outer. Morris W. Haft & Bros. Inc. 177,554; Dec. 18; Serial No. 183,064; published Oct. 2, 1923.
Garments made of white duck cloth. Albert M. Treister & Company. 166,198; Mar. 27; Serial No. 162,326; published Dec. 5, 1922.
Garments, Men's and boys' outer. H. B. Platt. 173,409; Sept. 25; Serial No. 176,916; published June 26, 1923.
Garments, Men's and boy's outer. Jos. Sternberg & Son. 163,842; Jan. 30.
Garments, Men's and young men's. Style-Center Tailoring Company. 168,324; May 22; Serial No. 166,410; published Dec. 19, 1922.
Garments, Men's and young men's outer. Fruhauf Bros. & Co. 174,836; Oct. 23; Serial No. 176,460; published Aug. 7, 1923.
Garments, Men's, women's, and children's outer. Shirek & Hirsch. 170,117; July 10; Serial No. 162,461; published Oct. 10, 1922.
Garments, Outer. Wallach Hoexter & Co. 166,648; Apr. 10; Serial No. 161,219; published Dec. 12, 1922.
Garments, Outer wash. N. Erlanger, Blumgart & Co. 169,741; June 26.
Garments, Sleeping. Fort Dummer Mills; 164,859; Feb. 27; Serial No. 164,415; published Oct. 31, 1922.
Garments, Under wash. N. Erlanger, Blumgart & Co. 176,083; Nov. 13.
Garments, underwear, shirt waists, and bloomers, Sleeping. C. S. Steiner. 176,203; Nov. 20; Serial No. 180,309; published Sept. 4, 1923.
Garments, Women's. Pennsylvania Textile Mills, Inc. 177,362; Dec. 18; Serial No. 181,862; published Oct. 2, 1923.
Garments, Women's and misses' outer. Strawbridge & Clothier. 166,291; Mar. 27.
Garters. A. F. Brandeau. 166,805–6; Apr. 17; Serial Nos. 168,199–200; published Jan. 9, 1923.
Garters. W. H. Johnson. 176,140; Nov. 20; Serial No. 174,841; published July 24, 1923.
Garters. A. M. Malouf. 176,971; Dec. 11; Serial No. 179,618; published Sept. 11, 1923.
Garters. President Suspender Company. 173,602; Oct. 2; Serial No. 166,787; published July 3, 1923.
Garters. Runproof Garter Company. 165,911; Mar. 20.
Garters. Russell Manufacturing Co. 167,953; May 8.
Garters and arm bands. Sturm & Scheinberg. 169,494; June 19; Serial No. 148,822; published Mar. 27, 1923.
Garters and hosiery supports. D. Bear. 163,996; Feb. 6.
Garters and sleeve bands. Humason Manufacturing Company. 164,798; Feb. 27.
Garters and suspenders. H. V. Clausen. 165,727; Mar. 20; Serial No. 168,957; published Dec. 19, 1922.
Garters, belts, neckties, boudoir caps, etc. Western Fancy Goods Company. 176,149; Nov. 20; Serial No. 171,561; published Aug. 28, 1923.
Garters, Children's. J. C. Penney Company. 164,136; Feb. 13.
Garters, Men's. American Wholesale Corporation (Baltimore Bargain House). 176,350; Nov. 20.
Garters, Men's. J. C. Penney Company. 169,532; June 19; Serial No. 166,710; published Mar. 27, 1923.
Garters, waist belts, and suspenders. Knothe Brothers Co. 176,026; Nov. 13; Serial No. 177,915; published July 31, 1923.
Girdles and negligee hose supporters, Elastic. B. & R. Mfg. Co. 165,395; Mar. 6; Serial No. 157,654; published Dec. 5, 1922.
Girdles, Athletic. C. E. Horton. 166,139. Mar. 27; Serial No. 166,691; published Jan. 2, 1923.
Gloves. P. Centemeri & Co. 177,793; Dec. 25.
Gloves. Fownes Brothers & Co. 23,017; renewed May 16, 1923.
Gloves. Fownes Brothers & Co. 173,567–8; Sept. 25.
Gloves. Lilienthal & Grossman, Inc. 176,997; Dec. 11; Serial No. 176,352; published Aug. 28, 1923.
Gloves. Elmer Little & Son. 176,343; Nov. 20.
Gloves. Ohio Glove & Manufacturing Company. 169,740; June 26.
Gloves. Pincus & Otto. 175,305; Nov. 6; Serial No. 164,001; published Aug. 14, 1923.
Gloves and mittens. Boss Manufacturing Company. 164,765; Feb. 27.
Gloves and mittens. Ellsworth & Thayer Mfg. Co. 169,030; May 29.
Gloves and mittens. Helmholz Mitten Company. 168,592; May 29; Serial No. 164,500; published Dec. 12, 1922.
Gloves and mittens. W. C. Smith Glove Co. 168,309; May 15.
Gloves, Cotton-fabric. Lilienthal & Grossman, Inc. 176,901; Dec. 4.
Gloves, Fabric. Manne & Weill. 168,530; May 22.
Gloves, Fabric. James McCreery & Company. 166,032; Mar. 27; Serial No. 167,309; published Dec. 19, 1922.
Gloves, Fabric. Louis Meyers & Son. 168,279; May 15.
Gloves, Fabric. V. Perrin & Cie. 168,263; May 15; Serial No. 170,539; published Feb. 20, 1923.
Gloves, Fabric. S. & V. Company. 172,024; Aug. 21; Serial No. 170,225; published May 22, 1923.
Gloves, Fabric. Wimelbacher & Rice. 169,422; June 12.
Gloves, Fabric and leather. S. Blechman & Sons, Inc. 168,553; May 29; Serial No. 160,278; published Jan. 30, 1923.
Gloves, gauntlets, and mittens, Leather. Joseph N. Eisendrath Company. 170,020; July 10; Serial No. 173,475; published Apr. 10, 1923.
Gloves, gauntlets, and mittens, Leather. Joseph N. Eisendrath Company. 170,403; July 17; Serial No. 173,475; published Apr. 10, 1923.
Gloves, gauntlets, and mittens, Leather. Joseph N. Eisendrath Company. 170,404–5; July 17; Serial Nos. 173,472–3; published Apr. 10, 1923.
Gloves, gauntlets, and mittens, Leather. Joseph N. Eisendrath Company. 170,406; July 17; Serial No. 173,470; published Apr. 10, 1923.
Gloves, gauntlets, and mittens, Leather. Joseph N. Eisendrath Company. 170,407–9; July 17; Serial Nos. 173,466–8; published Apr. 10, 1923.
Gloves, gauntlets, and mittens, Leather. Joseph N. Eisendrath Company. 172,104; Aug. 21; Serial No. 173,471; published May 22, 1923.
Gloves, gauntlets, and mittens, Leather. Joseph N. Eisendrath Company. 175,968; Nov. 13; Serial No. 173,477; published July 24, 1923.
Gloves, gauntlets, and mittens, Leather. Joseph N. Eisendrath Company. 176,131; Nov. 20; Serial No. 173,474; published July 24, 1923.
Gloves, gauntlets, and mittens, Leather. Joseph N. Eisendrath Company. 176,132; Nov. 20; Serial No. 173,469; published July 24, 1923.
Gloves, hosiery, and underwear. A. W. Nack. 174,249; Oct. 9; Serial No. 164,660; published Feb. 13, 1923.
Gloves, hosiery, and underwear, Fabric. S. I. Entwisle. 168,605; May 29; Serial No. 168,673; published Feb. 13, 1923.
Gloves, hosiery, and underwear for children. A. W. Nack. 168,594; May 29; Serial Nos. 164,660–1; published Feb. 13, 1923.
Gloves, hosiery, and underwear, Leather and fabric. Montrose Glove Inc. 168,274; May 15; Serial No. 168,584; published Feb. 6, 1923.
Gloves, jumpers, and aprons, Oilproof fabric. H. C. French. 163,066; Jan. 2.
Gloves, Lace. H. S. Hall & Co. 163,081; Jan. 2.
Gloves, Ladies'. Manne and Weill. 166,296; Mar. 27.
Gloves, Leather. California Glove Company. 177,125; Dec. 11; Serial No. 181,337; published Sept. 11, 1923.
Gloves, Leather. Elite Glove Co. 176,954; Dec. 11; Serial No. 177,172; published Sept. 11, 1923.
Gloves, Leather. Reynier & Cie. 171,719; Aug. 14; Serial No. 143,409; published May 22, 1923.
Gloves, Men's leather. John Wanamaker, New York. 170,438–9; July 17; Serial Nos. 171,601–2; published Apr. 10, 1923.
Gloves, underwear. Western Hosiery Company. 175,810; Nov. 13; Serial No. 147,383; published Oct. 17, 1922.
Gowns and pyjamas. Burnham, Stoepel & Company. 170,338; July 10.
Gowns, dresses, and costumes, Ladies'. Little Women Dress Co. 175,471. Nov. 6; Serial No. 181,956; published Aug. 28, 1923.
Gowns, Ladies' dressing. Goldman Costume Company. 175,988; Nov. 13; Serial No. 155,342; published Aug. 7, 1923.
Gowns, wraps, dresses, coats, etc., Ladies', women's, and misses'. Lousols Philadelphia. 169,774; July 3; Serial No. 168,901; published Apr. 3, 1923.
Hat frames. Capital Hat Frame Works. 170,389; July 17; Serial No. 170,807; published Apr. 3, 1923.
Hat linings. E. Bouton. 173,415; Sept. 25; Serial No. 145,430; published June 19, 1923.
Hat linings. J. H. Rubinow. 176,832; Dec. 4; Serial No. 181,699; published Sept. 11, 1923.
Hat linings for ladies' hats. Chicago Mercantile Co. 173,640; Oct. 2; Serial No. 154,679; published May 8, 1923.
Hats. J. T. Asch & Sons. 165,674; Mar. 20; Serial No. 166,520; published Dec. 12, 1922.
Hats. Dunlap & Co. 176,834; Dec. 4; Serial No. 180,657; published Sept. 11, 1923.
Hats. Hammell-Neuman Co. 171,750; Aug. 14; Serial No. 164,435; published May 15, 1923.
Hats. Hill and Loper Company. 172,041; Aug. 21; Serial No. 158,842; published May 22, 1923.
Hats. Knox Hat Company. 170,820; July 24; Serial No. 171,806; published Apr. 24, 1923.

Hats. J. Land. 176,106; Nov. 20; Serial No. 152,428; published July 24, 1923.
Hats. A. Lanfranchi. 176,957; Dec. 11; Serial No. 177,305; published Sept. 11, 1923.
Hats. Mallory Hat Company. 171,207; July 31; Serial No. 156,653; published May 8, 1923.
Hats. New England Panama Hat Co. 172,086; Aug. 21; Serial No. 176,756; published May 22, 1923.
Hats. R an W Hat Shop, Inc. 165,505; Mar. 13; Serial No. 166,104; published Dec. 12, 1922.
Hats. R an W Hat Shop, Inc. 171,866; Aug. 14; Serial No. 174,445; published May 8, 1923.
Hats. J. K. von Gal Hat Company. 169,413; June 12.
Hats and adjustable nonsewing bandeaux. Women's and children's. J. A. McKnight. 165,934; Mar. 20.
Hats and bonnets, Ladies'. Davidson Brothers Company. 176,028; Nov. 13; Serial No. 178,895; published July 31, 1923.
Hats and caps. M. Alperowitz & Son. 168,232; May 15; Serial No. 171,246; published Feb. 20, 1923.
Hats and caps. Brüder Böhm. 163,894; Feb. 6.
Hats and caps. Disney Hats. 170,392; July 17; Serial No. 171,209; published Apr. 3, 1923.
Hats and caps. Fashion Hat Company. 176,032; Nov. 13; Serial No. 179,298; published Aug. 14, 1923.
Hats and caps. Fashion Hat Company. 176,972; Dec. 11; Serial No. 179,299; published Sept. 11, 1923.
Hats and caps. Charles S. Merton & Co. 167,794; May 8; Serial No. 164,717; published Feb. 6, 1923.
Hats and caps. Charles S. Merton & Co. 168,102; May 15; Serial No. 164,716; published Feb. 6, 1923.
Hats and caps. Perfection Cap Company. 171,892; Aug. 14; Serial No. 172,349; published May 1, 1923.
Hats and caps. H. Picard. 174,730–1; Oct. 23; Serial Nos. 160,428–9; published July 31, 1923.
Hats and caps. Rabiner Brothers. 176,212; Nov. 20; Serial No. 178,670; published Aug. 28, 1923.
Hats and caps. M. Rappaport. 171,838; Aug. 14; Serial No. 171,468; published May 8, 1923.
Hats and caps. Scranton Cap Manufacturing Company. 172,795; Sept. 11; Serial No. 175,214; published June 5, 1923.
Hats and caps. M. Simon & Son. 169,270; June 12; Serial No. 152,385; published Mar. 20, 1923.
Hats and caps for men and boys, Felt. John B. Stetson Company. 176,893; Dec. 4.
Hats and caps, Ladies' and children's. Baer Bros. Mfg. Co. 163,551; Jan. 23.
Hats and caps, Ladies', misses', and children's. Fashion Hat Company. 165,236–7; Mar. 6.
Hats and caps, Ladies', misses', and children's. Fashion Hat Company. 176,870; Dec. 4; Serial No. 182,373; published Sept. 25, 1923.
Hats and caps, Men's. Young Hat Company. 171,821; Aug. 14; Serial No. 175,375; published May 8, 1923.
Hats and caps, Men's and boys'. Charles S. Merton & Co. 170,748; July 24; Serial No. 173,778; published Apr. 24, 1923.
Hats and caps, Men's and boys'. Charles S. Merton & Co. 172,101; Aug. 21; Serial No. 173,654; published May 22, 1923.
Hats and caps, Men's and boys'. Rogers Peet Company. 166,839; Apr. 17; Serial No. 169,084; published Jan. 9, 1923.
Hats and caps, Men's and boys'. Scranton Cap Manufacturing Company. 169,409; June 12.
Hats and caps, Men's felt, straw, cloth, and silk. Hanover-Hall Company. 170,381; July 17; Serial No. 174,389; published Apr. 3, 1923.
Hats and caps, Straw. Townsend Grace Company. 164,762; Feb. 27.
Hats and furs, Ladies'. F. Rose. 166,156; Mar. 27; Serial No. 154,324; published May 16, 1922.
Hats and hat frames, Ladies'. Amsterdam, Borgos & Adams. 172,381; Aug. 28; Serial No. 142,459; published May 17, 1921.
Hats and shirts, Men's. L. Klein, Inc. 176,127; Nov. 20; Serial No. 174,308; published Sept. 11, 1923.
Hats, caps, and bonnets. Carson Pirie Scott & Co. 166,722; Apr. 10; Serial No. 161,805; published Jan. 2, 1923.
Hats, caps, and bonnets, Infants' and children's. J. Hildesheimer Co. 169,392; June 12; Serial No. 166,074; published Mar. 6, 1923.
Hats, caps, and waists, Ladies'. S. A. Friedman. 174,999; Oct. 30; Serial No. 172,669; published Aug. 7, 1923.
Hats, caps, shirts, etc., Men's. Jordan Marsh Company. 169,763; July 3; Serial No. 169,490; published Apr. 3, 1923.
Hats, caps, shirts, etc., Men's and boys'. Jordan Marsh Company. 173,563; Sept. 25.
Hats, caps, shoes, hose, etc. Alphen, Inc. 168,679; May 29; Serial No. 169,233; published Jan 9, 1923.
Hats, caps, tassels, and aprons. Military Order of The Cootie. 174,754; Oct. 23; Serial No. 166,315; published July 24, 1923.
Hats for men. M. S. Levy & Sons Inc. 176,830; Dec. 4; Serial No. 181,490; published Sept. 11, 1923.
Hats for men. L. Shafarman, Inc. 172,093; Aug. 21; Serial No. 176,921; published May 22, 1923.
Hats for men and boys. Bunnie Hat Co. Inc. 171,134; July 31; Serial No. 159,552; published May 8, 1923.
Hats for men and boys. The Fair. 168,291; May 15.
Hats for men and boys. S. Miller. 168,280; May 15.
Hats for men, women, and children, Harvest. Mexican-American Hat Company. 171,655; Aug. 7.
Hats for women. C. T. Pidgeon Millinery Co. 172,124; Aug. 21; Serial No. 175,103; published May 22, 1923.
Hats for women. Julius Tofias & Bro. 172,292; Aug. 28; Serial No. 165,898; published May 29, 1923.
Hats for women and children. N. Schreiber. 176,371; Nov. 20.
Hats for women and children. Sunman & Hewson. 176,264; Nov. 20; Serial No. 177,146; published July 24, 1923.
Hats for women and misses. Cohn & Kaplan. 169,393; June 12; Serial No. 166,039; published Mar. 6, 1923.
Hats, Ladies'. Belaffsky Brothers. 164,871; Feb. 27.
Hats, Ladies'. Cage Brothers & Company. 166,817; Apr. 17; Serial No. 167,124; published Jan. 9, 1923.
Hats, Ladies'. H. L. Distillator & Son. 176,036; Nov. 13; Serial No. 179,785; published Aug. 14, 1923.
Hats, Ladies'. H. L. Distillator & Son. 176,276; Nov. 20; Serial No. 177,727; published July 31, 1923.
Hats, Ladies'. A. M. Dowd. 165,620; Mar. 13. Serial No. 167,350; published Dec. 12, 1922.
Hats, Ladies'. H. S. Feinberg. 165,475; Mar. 13. Serial No. 168,107; published Dec. 19, 1922.
Hats, Ladies'. Gage Brothers & Company. 165,609; Mar. 13. Serial No. 167,125; published Dec. 12, 1922.
Hats, Ladies'. Goldweb Hat Company. 172,083; Aug. 21; Serial No. 176,541; published May 22, 1923.
Hats, Ladies'. H. W. Jaediker. 173,761; Oct. 2; Serial No. 177,300; published July 3, 1923.
Hats, Ladies'. M. Kutz Company. 172,976; Aug. 21; Serial No. 175,992; published May 22, 1923.
Hats, Ladies'. J. R. Mermelstein. 166,203; Mar. 27; Serial No. 171,025; published Jan. 2, 1923.
Hats, Ladies'. Premus Hat Manufacturing Company. 166,671; Apr. 10; Serial No. 165,503; published Dec. 12, 1922.
Hats, Ladies'. Radio Hat Co., Inc. 168,113; May 15; Serial No. 150,203; published Jan. 16, 1923.
Hats, Ladies'. J. Tenebaum & Sons. 166,604; Apr. 10; Serial No. 149,250; published Dec. 6, 1922.
Hats, Ladies'. J. Trinner. 168,313; May 22; Serial No. 168,696; published Jan. 30, 1923.
Hats, Ladies'. S. Whitman. 172,114; Aug. 21; Serial No. 175,900; published May 22, 1923.
Hats, Ladies' and misses'. Slyt Edge Company. 173,558; Sept. 25.
Hats, Ladies' trimmed. H. Siegel. 177,002; Dec. 11; Serial No. 180,399; published Sept. 11, 1923.
Hats, Ladies' trimmed and tailored. London & Greenstein, Inc. 171,628; Aug. 7; Serial No. 176,411; published May 1, 1923.
Hats, Ladies' trimmed and tailored. E. Uhry, 166,815; Apr. 17; Serial No. 167,276; published Jan. 9, 1923.
Hats, Men's. G. B. Borsalino Fu Lazzaro & C. 166,864; Apr. 17; Serial No. 163,136; published Jan. 9, 1923.
Hats, Men's. Edw. P. Cunningham, Inc. 176,886; Dec. 4; Serial No. 181,514; published Sept. 11, 1923.
Hats, Men's. H. Friedman Hat Co. 169,407; June 12.
Hats, Men's. H. Friedman Co. 171,694; Aug. 7.
Hats, Men's. Gimbel Brothers, Incorporated. 169,979; July 10; Serial No. 166,944; published Apr. 10, 1923.
Hats, Men's. Hutt & Wasserman, Inc. 170,726; July 24; Serial No. 172,837; published Apr. 24, 1923.
Hats, Men's. Hutt & Wasserman. 176,266; Nov. 20; Serial No. 176,418; published June 12, 1923.
Hats, Men's. Long's Hat Stores. 169,717; June 26.
Hats, Men's. Long's Hat Stores. 170,350–1; July 10.
Hats, Men's. J. C. Penney Company. 172,087; Aug. 21; Serial No. 176,759; published May 22, 1923.
Hats, Men's. Wallkill Hat Works Inc. 171,695; Aug. 7.
Hats, Men's and boys'. Greater N. Y. Hat & Cap Works. 166,846; Apr. 17; Serial No. 166,229; published Jan. 9, 1923.
Hats, Men's and women's. Davis-Pope Company Incorporated. 169,519; June 19; Serial No. 172,585; published Mar. 27, 1923.
Hats. Men's felt and straw. Wormser Hat Stores, Inc. 163,263; Jan. 2.
Hats, Men's straw and felt. Jordan Marsh Company. 164,244; Feb. 13.
Hats, Men's straw and felt. Paragon Hat Company. 166,658; Apr. 10; Serial No. 164,665; published Jan. 9, 1923.
Hats, Men's winter. Parker-Bridget Company. 170,730; July 24; Serial No. 172,238; published Apr. 24, 1923.
Hats, Women's. I. Lichtenstein Inc. 176,374; Nov. 20.
Hats, Misses' and children's. Consolidated Hat Co. 176,875; Dec. 4; Serial No. 181,674; published Sept. 11, 1923.
Hats, Misses' and children's. Garner Bros. 168,332; May 22; Serial No. 168,715; published Jan. 30, 1923.
Hats, Misses' and ladies'. C-R Millinery Co. 170,432; July 17; Serial No. 171,905; published Apr. 10, 1923.
Hats, Sport and ready-to-wear. Hodge-Falk Corporation. 163,232; Jan. 2.
Hats, Straw. Caradine Harvest Hat Company. 172,823; Aug. 28; Serial No. 168,999; published May 29, 1923.
Hats, Straw. Demmerle & Co. 166,667; Apr. 10; Serial No. 165,274; published Dec. 12, 1923.

Classified list of trade-marks registered—Continued.

Hats, Straw. Endel & Peles. 172,117; Aug. 21; Serial No. 175,476; published May 22, 1923.
Hats, Women's. F. C. Morrison. 172,105; Aug. 21; Serial No. 173,199; published May 22, 1923.
Hats, Women's and children's. Eastern Hat & Cap Co. 168,161; May 15; Serial No. 165,670; published Jan. 30, 1923.
Hats, Women's and misses'. Strawbridge & Clothier. 163,629; Jan. 23.
Heel guards for shoes. Achilles Guard Company. 169,373; June 12; Serial No. 169,698; published Mar. 6, 1923.
Heel protectors, Leather. P. Smith. 170,359; July 10.
Heels, Combination and rubber. Parker Rubber Mfg. Co. 171,702; Aug. 7.
Heels of rubber or analogous material. Pietzuch Wonder Arch Guide Heel Company. 176,644; Nov. 27; Serial No. 143,996; published Sept. 18, 1923.
Heels, Shoe. C. H. Coulson. 170,731; July 24; Serial No. 172,262; published Apr. 24, 1923.
Heels, soles, shoes, and top lifts. B. F. Chamberlin. 172,776; Sept. 11; Serial No. 141,856; published June 5, 1923.
Heels, Wood. Gray Wood Heel Co. 172,123; Aug. 21; Serial No. 175,143; published May 22, 1923.
Hose. Fatuch & Nogaim. 164,977; Feb. 27.
Hose. D. J. Healy. 171,726; Aug. 14; Serial No. 170,648; published May 15, 1923.
Hose. Spatz & Spannuth, Inc. 164,730; Feb. 27.
Hose, Boys' and misses'. Paducah Hosiery Mills, Inc. 163,612; Jan. 23.
Hose, Infants'. Hub Hosiery Mills. 164,823; Feb. 27.
Hose, Infants'. Hub Hosiery Mills. 174,612; Oct. 23; Serial No. 179,730; published July 24, 1923.
Hose supporter. American Narrow Fabric Company. 163,845; Jan. 30.
Hose supporters. American Narrow Fabric Company. 164,135; Feb. 13.
Hose supporters and parts thereof. M. Hawie. 176,352; Nov. 20.
Hose supporters, corsets, girdles, and brassières, Ladies'. Treo Company. 166,173; Mar. 27; Serial No. 166,417; published Jan. 2, 1922.
Hose supporters, corsets, girdles, brassières, Ladies'. Treo Company. 176,922; Dec. 4.
Hose supporters, garters, belts, etc. Calhoun, Robbins & Co. 170,729; July 24; Serial No. 172,201; published Apr. 24, 1923.
Hose supporters, suspenders, garters, etc. F. A. Patrick & Co. 176,809; Nov. 27.
Hosiery. Allen Hosiery Company. 175,214; Oct. 30.
Hosiery. Alperson & Son. 168,068; May 15; Serial No. 164,018; published Jan. 9, 1923.
Hosiery. Ambridge Knitting Company. 176,484; Nov. 27; Serial No. 180,680; published Sept. 18, 1923.
Hosiery. American Wholesale Corporation. 168,166; May 15; Serial No. 166,213; published Nov. 14, 1922.
Hosiery. American Wholesale Corporation (Baltimore Bargain House). 169,126; June 5.
Hosiery. American Wholesale Corporation (Baltimore Bargain House.) 169,423; June 12.
Hosiery. American Wholesale Corporation (Baltimore Bargain House). 171,728; Aug. 14; Serial No. 170,613; published May 15, 1923.
Hosiery. Arbuthnot-Stephenson Co. 163,548; Jan. 23.
Hosiery. M. Baum. 166,644; Apr. 10; Serial No. 165,615; published Jan. 2, 1923.
Hosiery. Bear Brand Hosiery Co. 173,040; Sept. 11; Serial No. 176,595; published June 26, 1923.
Hosiery. Bear Brand Hosiery Co. 173,504; Sept. 25; Serial No. 175,761; published June 12, 1923.
Hosiery. Bear Brand Hosiery Co. 174,833; Oct. 23; Serial No. 176,319; published Aug. 7, 1923.
Hosiery. Bear Brand Hosiery Co. 177,376; Dec. 18; Serial No. 181,165; published Oct. 9, 1923.
Hosiery. Bear Brand Hosiery Co. 177,566–7; Dec. 18; Serial Nos. 176,593–4; published Oct. 9, 1923.
Hosiery. W. A. Bearman. 176,658; Nov. 27; Serial No. 181,973; published Sept. 18, 1923.
Hosiery. Berendsen Silk Knitting Co. 175,105; Oct. 30; Serial No. 179,648; published Aug. 14, 1923.
Hosiery. Berendsen Silk Knitting Co. 175,795–6; Nov. 13; Serial No. 179,646–7; published Aug. 28, 1923.
Hosiery. C. F. Berg. 164,608; Feb. 20.
Hosiery. C. F. Berg. 177,348; Dec. 18; Serial No. 180,833; published Oct. 2, 1923.
Hosiery. Berger Hosiery Company. 172,931; Sept. 11; Serial No. 167,040; published June 5, 1923.
Hosiery. J. H. Blaetz. 164,081; Feb. 13.
Hosiery. J. C. Bossong. 164,079; Feb. 13.
Hosiery. J. C. Bossong. 164,247; Feb. 13.
Hosiery. J. C. Bossong. 164,827–8; Feb. 27.
Hosiery. J. C. Bossong. 168,246; May 15; Serial No. 167,765; published Jan. 30, 1923.
Hosiery. J. C. Bossong. 175,184; Oct. 30; Serial No. 181,170; published Aug. 7, 1923.
Hosiery. Brager of Baltimore. 169,052; June 5; Serial No. 168,198; published Mar. 20, 1923.
Hosiery. Brigham Company. 175,163; Oct. 30; Serial No. 181,056; published Aug. 7, 1923.
Hosiery. Brownhill & Kramer. 175,156; Oct. 30; Serial No. 180,837; published Aug. 7, 1923.
Hosiery. B. G. Brumby. 167,814; May 8; Serial No. 164,860; published Dec. 5, 1922.
Hosiery. Burson Knitting Company. 164,775; Feb. 27.
Hosiery. Burson Knitting Company. 164,857; Feb. 27.
Hosiery. Burson Knitting Company. 171,297; Aug. 7; Serial No. 165,521; published May 1, 1923.
Hosiery. Chester Knitting Mills. 166,638–9; Apr. 10; Serial Nos. 166,171–2; published Jan. 2, 1923.
Hosiery. Chester Knitting Mills. 174,268; Oct. 9; Serial No. 174,654; published July 10, 1923.
Hosiery. Chipman Knitting Mills. 174,262; Oct. 9; Serial No. 177,359; published July 10, 1923.
Hosiery. Chipman Knitting Mills. 177,609; Dec. 18.
Hosiery. Chas. Chipman's Sons Co. 166,630; Apr. 10; Serial No. 168,450; published Dec. 19, 1922.
Hosiery. Cliver-Wright-Rainey Co. 175,469; Nov. 6; Serial No. 182,134; published Aug. 28, 1923.
Hosiery. J. Cooper. 163,041; Jan. 2.
Hosiery. E. Crutcher. 175,733; Nov. 13; Serial No. 178,958; published July 10, 1923.
Hosiery. J. A. Custer. 173,394; Sept. 25; Serial No. 178,227; published July 10, 1923.
Hosiery. Daisy Whitehead Knitting Co. 173,508; Sept. 25; Serial No. 175,826; published June 19, 1923.
Hosiery. Dalton Hosiery Mills. 173,897; Oct. 2; Serial No. 176,720; published July 10, 1923.
Hosiery. Dalton Hosiery Mills. 174,841; Oct. 23; Serial No. 177,832; published July 31, 1923.
Hosiery. W. B. Davis & Son. 167,818; May 8; Serial No. 160,753; published Oct. 3, 1922.
Hosiery. Dayton Company. 176,254; Nov. 20; Serial No. 182,335; published Sept. 4, 1923.
Hosiery. Dayton Hosiery Mills. 173,205; Sept. 18; Serial No. 172,524; published June 12, 1923.
Hosiery. Diamond Bros. 177,249; Dec. 11; Serial No. 183,366; published Sept. 25, 1923.
Hosiery. Dormer Brothers Company. 177,574; Dec. 18; Serial No. 184,068; published Oct. 9, 1923.
Hosiery. Doyle and Scriggins. 163,562; Jan. 23.
Hosiery. Dreifus, Eckstein & King, Inc. 168,382; May 22; Serial No. 169,475; published Feb. 20, 1923.
Hosiery. Driefus, Eckstein & King, Inc. 171,782; Aug. 14; Serial No. 172,935; published May 22, 1923.
Hosiery. Dyx Hosiery Co. 168,639; May 29; Serial No. 165,021; published Feb. 13, 1923.
Hosiery. Elizabeth City Hosiery Co. 175,364; Nov. 6; Serial No. 176,888; published Aug. 14, 1923.
Hosiery. Ellis Hosiery Company. 163,565–9; Jan. 23.
Hosiery. Emery & Beers Co. 164,092; Feb. 13.
Hosiery. Everstyle Hosiery Co. 175,160; Oct. 30; Serial No. 180,999; published Aug. 7, 1923.
Hosiery. Fairsex Hosiery Mills, Inc. 166,624; Apr. 10; Serial No. 168,677; published Dec. 19, 1922.
Hosiery. Falls City Mills Co. 168,554; May 29; Serial No. 160,492; published Dec. 12, 1922.
Hosiery. Fay Hosiery Mills, Incorporated. 173,820; Oct. 2; Serial No. 171,989; published June 26, 1923.
Hosiery. Gerson & Breyer. 173,660; Oct. 2; Serial No. 176,174; published June 19, 1923.
Hosiery. Gerson & Breyer. 174,491; Oct. 16; Serial No. 177,374; published July 24, 1923.
Hosiery. John M. Given Company. 176,483; Nov. 27; Serial No. 180,660; published Sept. 18, 1923.
Hosiery. John M. Given Company. 176,485; Nov. 27; Serial No. 180,699; published Sept. 18, 1923.
Hosiery. C. H. Goepel, jr. 176,597; Nov. 27; Serial No. 178,719; published Sept. 11, 1923.
Hosiery. C. H. Goepel, jr. 177,551; Dec. 18; Serial No. 183,110; published Oct. 2, 1923.
Hosiery. S. A. Goldberg. 171,241; July 31; Serial No. 170,375; published May 8, 1923.
Hosiery. Greenebaum, Weil & Michels. 171,256; July 31; Serial No. 169,590; published May 8, 1923.
Hosiery. Greenwald Brothers Incorporated. 173,422; Sept. 25; Serial No. 157,032; published June 26, 1923.
Hosiery. E. Grobel. 174,995; Oct. 30; Serial No. 178,562; published Sept. 18, 1923.
Hosiery. F. V. Gutman Corp. 175,594; Nov. 6; Serial No. 179,531; published Aug. 14, 1923.
Hosiery. Haberdashers Novelty Co. 163,080; Jan. 2.
Hosiery. John W. Hadfield Co. 177,403; Dec. 18; Serial No. 179,791; published Oct. 9, 1923.
Hosiery. Hayward Hosiery Company. 172,113; Aug. 21; Serial No. 171,914; published May 22, 1923.
Hosiery. Hibben, Hollweg & Co. 163,746; Jan. 23.
Hosiery. A. L. Horst. 174,362; Oct. 16; Serial No. 176,547; published July 17, 1923.
Hosiery. Household Hosiery Mills, Inc. 169,701; June 26.
Hosiery. A. C. Hulse, jr. 172,874; Sept. 11; Serial No. 174,080; published June 5, 1923.
Hosiery. Idolite Hosiery Mills, Inc. 171,843; Aug. 14; Serial No. 171,218; published May 15, 1923.
Hosiery. Indian Queen Silk Co. 166,730; Apr. 10; Serial No. 169,303; published Jan. 9, 1923.
Hosiery. Interwoven Stocking Company. 163,584; Jan. 23.
Hosiery. C. Iskowitz. 177,253; Dec. 11; Serial No. 183,525; published Sept. 25, 1923.
Hosiery. David Jacobs Corporation. 163,588; Jan. 23.
Hosiery. David Jacobs Corporation. 172,186; Aug. 21.
Hosiery. Jennings Manufacturing Company. 168,073; May 15; Serial No. 159,153; published Oct. 31, 1922.

Classified list of trade-marks registered—Continued.

Hosiery. Kinloch Hosiery Mills. 167,832; May 8; Serial No. 169,956; published Feb. 13, 1923.
Hosiery. W. Kirschenbaum. 163,590; Jan. 23.
Hosiery. H. C. F. Koch & Co. 176,273; Nov. 20; Serial No. 177,389; published Sept. 11, 1923.
Hosiery. Krueger-Tobin Co. 172,962; Sept. 11; Serial No. 175,087; published June 5, 1923.
Hosiery. J. W. Landenberger. 164,546; Feb. 20.
Hosiery. J. C. Larkin. 174,339; Oct. 16; Serial No. 155,895; published July 18, 1922.
Hosiery. Laskin-Swatt Co. 168,452; May 22; Serial No. 170,144; published Feb. 20, 1923.
Hosiery. Lehigh Silk Hosiery Mills Inc. 163,594–5; Jan. 23.
Hosiery. Lehigh Silk Hosiery Mills, Inc. 164,137; Feb. 13.
Hosiery. B. A. Levine. 164,584; Feb. 20.
Hosiery. R. B. Lewis. 177,274; Dec. 11; Serial No. 183,306; published Sept. 25, 1923.
Hosiery. J. H. Lyon & Co. 176,261; Nov. 20; Serial No. 182,597; published Sept. 4, 1923.
Hosiery. Mansmann Brothers, Inc. 166,657; Apr. 10; Serial No. 164,446; published Dec. 12, 1922.
Hosiery. Margolis Yelen Kaiser Co. Inc. 169,267; June 12; Serial No. 155,231; published Mar. 20, 1923.
Hosiery. Massachusetts Knitting Mills. 163,962; Feb. 6.
Hosiery. Massachusetts Knitting Mills. 166,017; Mar. 27; Serial No. 163,162; published Jan. 2, 1922.
Hosiery. D. B. May. 176,569; Nov. 27; Serial No. 172,876; published Aug. 7, 1923.
Hosiery. May Hosiery Mills. 172,215; Aug. 28; Serial No. 173,843; published May 29, 1923.
Hosiery. E. D. Merikle. 171,882; Aug. 14; Serial No. 172,757; published May 22, 1923.
Hosiery. Miller Brothers Company. 174,280; Oct. 9; Serial No. 179,158; published July 10, 1923.
Hosiery. Milo Silk Hosiery Mills. 172,216; Aug. 28; Serial No. 173,973; published May 29, 1923.
Hosiery. Mojo-Schey Co. 163,602; Jan. 23.
Hosiery. Moore & Fisher. 163,814–16; Jan. 30.
Hosiery. Moorhead Knitting Company. 172,033; Sept. 11; Serial No. 174,404; published June 5, 1923.
Hosiery. Benjamin Moseley Co. 168,273; May 15; Serial No. 168,543; published Jan. 30, 1923.
Hosiery. Neal & Hyde, Incorporated. 166,602; Apr. 10; Serial No. 149,924; published May 23, 1922.
Hosiery. New York Merchandise Company. 176,248; Nov. 20; Serial No. 182,604; published Sept. 4, 1923.
Hosiery. L. E. Nicholson. 173,657; Oct. 2; Serial No. 176,275; published June 19, 1923.
Hosiery. Noe-Equl Hosiery Mills, Inc. 171,725; Aug. 14; Serial No. 170,690; published May 15, 1923.
Hosiery. Norristown Hosiery Mills. 167,826; May 8; Serial No. 169,983; published Feb. 13, 1923.
Hosiery. Notaseme Hosiery Co. 177,106; Dec. 11; Serial No. 173,104; published Sept. 25, 1923.
Hosiery. Olive Hosiery Mfg. Co. 164,774; Feb. 27.
Hosiery. Oliver Knitting Company. 173,641; Oct. 2; Serial No. 152,443; published Mar. 28, 1923.
Hosiery. Paramount Knitting Company. 166,977; Apr. 17.
Hosiery. Paramount Knitting Company. 175,948; Nov. 13; Serial No. 172,650; published Aug. 28, 1923.
Hosiery. Pennsylvania Hosiery Mills. 171,762; Aug. 14; Serial No. 160,363; published Sept. 5, 1922.
Hosiery. Percy Friedlander and Albert Solomon. 174,347; Oct. 16; Serial No. 141,265; published Mar. 14, 1922.
Hosiery. Phillips & Hart. 172,207; Aug. 28; Serial No. 173,297; published May 29, 1923.
Hosiery. Platt's. 170,143; July 10; Serial No. 163,170; published Apr. 10, 1923.
Hosiery. Dr. A. Posner Shoes, Inc. 171,714; Aug. 14; Serial No. 149,772; published May 8, 1923.
Hosiery. Powell Knitting Company. 164,748; Feb. 27.
Hosiery. Powell Knitting Company. 165,004; Feb. 27.
Hosiery. Powell Knitting Company. 166,690; Apr. 10; Serial No. 166,246; published Jan. 9, 1923.
Hosiery. Powell Knitting Company. 168,168; May 15; Serial No. 166,245; published Jan. 30, 1923.
Hosiery. Powell Knitting Company. 168,236; May 15; Serial No. 166,254; published Jan. 30, 1923.
Hosiery. Powell Knitting Company. 168,356; May 22; Serial No. 166,247; published Feb. 20, 1923.
Hosiery. Powell Knitting Company. 171,460; Aug. 7; Serial No. 168,237; published May 8, 1923.
Hosiery. Powell Knitting Company. 171,467; Aug. 7; Serial No. 166,248; published May 8, 1923.
Hosiery. Powell Knitting Company. 173,430; Sept. 25; Serial No. 166,250; published June 19, 1923.
Hosiery. W. E. Pruzan. 166,609; Apr. 10; Serial No. 147,578; published Dec. 12, 1922.
Hosiery. Pure Silk Hosiery Mills Inc. 164,877; Feb. 27.
Hosiery. Read Hosiery Mills. 171,330; Aug. 7; Serial No. 168,788; published May 8, 1923.
Hosiery. Real Silk Hosiery Mills. 169,737; June 26.
Hosiery. Real Silk Hosiery Mills. 173,566; Sept. 25.
Hosiery. Real Silk Hosiery Mills. 176,369; Nov. 20.
Hosiery. Real Silk Hosiery Mills. 176,929–30; Dec. 4.
Hosiery. Reingold Hosiery Co. 164,753; Feb. 27.
Hosiery. Rice-Stix Dry Goods Company. 173,494; Sept. 25; Serial No. 775,567; published June 12, 1923.
Hosiery. Richmond Hosiery Mills. 168,974–7; May 29.
Hosiery. Richmond Hosiery Mills. 168,983–5; May 29.
Hosiery. Richmond Hosiery Mills. 168,991–3; May 29.
Hosiery. Richmond Hosiery Mills. 174,253; Oct. 9; Serial No. 154,760; published May 22, 1923.
Hosiery. Richmond Hosiery Mills. 176,245; Nov. 20; Serial No. 182,838; published Sept. 11, 1923.
Hosiery. Richmond Hosiery Mills. 176,460; Nov. 27; Serial No. 176,571; published Sept. 18, 1923.
Hosiery. Ritter Hosiery Company. 177,260; Dec. 11; Serial No. 183,669; published Sept. 25, 1923.
Hosiery. Robischon Corporation. 174,210; Oct. 9; Serial No. 179,557; published July 10, 1923.
Hosiery. Rockland Hosiery Mills. 166,406; Apr. 3; Serial No. 165,415; published Nov. 7, 1922.
Hosiery. S. & V. Company. 166,289; Mar. 27.
Hosiery. D. Salwen & Co. 169,715; June 26.
Hosiery. Scot Knit Hosiery Company. 175,768; Nov. 13; Serial No. 177,053; published Aug. 21, 1923.
Hosiery. Shulman & Sons. 163,995; Feb. 6.
Hosiery. Siebert-Constable Co. 172,152; Aug. 21.
Hosiery. Simons & Struve Hosiery Co. 166,685; Apr. 10; Serial No. 166,961; published Jan. 9, 1923.
Hosiery. Stamper & Kaiser. 174,273; Oct. 9; Serial No. 177,630; published July 10, 1923.
Hosiery. Louis Stix Co. 171,712; Aug. 14; Serial No. 151,678; published Feb. 7, 1922.
Hosiery. Stocking Shops of America, Inc. 176,150; Nov. 20; Serial No. 171,669; published Aug. 28, 1923.
Hosiery. J. C. J. Strahan & Co. 163,628; Jan. 23.
Hosiery. J. C. J. Strahan & Co. 164,836; Feb. 27.
Hosiery. W. C. Taylor. 168,290; May 15.
Hosiery. Tex-Craft Company. 175,924; Nov. 13; Serial No. 179,974; published Aug. 28, 1923.
Hosiery. Thieme Brothers Company. 176,259; Nov. 20; Serial No. 180,632; published Sept. 11, 1923.
Hosiery. Thomas G. Plant Company. 176,660; Nov. 27; Serial No. 181,958; published Sept. 18, 1923.
Hosiery. A. Thompson Co. 171,785–6; Aug. 14; Serial Nos. 172,784–5; published May 22, 1923.
Hosiery. E. M. Townsend & Co. 175,002; Oct. 30; Serial No. 172,132; published Aug. 7, 1923.
Hosiery. Tucker Glove Company. 163,633; Jan. 23.
Hosiery. Union Manufacturing Company. 166,015; Mar. 27; Serial No. 163,016; published Nov. 7, 1922.
Hosiery. United Hosiery Mills Corporation. 163,193; Jan. 2.
Hosiery. United Hosiery Mills Corporation. 173,869; Oct. 2; Serial No. 176,861; published June 19, 1923.
Hosiery. United Hosiery Mills Corporation. 174,312; Oct. 9.
Hosiery. United Hosiery Mills Corporation. 176,155; Nov. 20; Serial No. 169,428; published June 5, 1923.
Hosiery. United Hosiery Mills Corporation. 177,563; Dec. 18; Serial No. 175,971; published Oct. 2, 1923.
Hosiery. United Mills Company. 174,650; Oct. 23; Serial No. 181,325; published Aug. 7, 1923.
Hosiery. United States Hosiery Co. 174,310; Oct. 9.
Hosiery. W. C. Van Brunt. 169,268; June 12; Serial No. 154,422; published Mar. 6, 1923.
Hosiery. W. H. Van Leeuwen, jr. 164,597; Feb. 20.
Hosiery. Willam Vernon's Sons & Co. 171,784; Aug. 14; Serial No. 172,788; published May 22, 1923.
Hosiery. Vertex Hosiery Mills, Inc. 177,250; Dec. 11; Serial No. 183,352; published Sept. 25, 1923.
Hosiery. Vixen, Inc. 166,707; Apr. 10; Serial No. 167,061; published Jan. 9, 1923.
Hosiery. D. Wallach. 174,036; Oct. 2; Serial No. 176,772; published June 19, 1923.
Hosiery. Wallach & Mayer Inc. 168,175; May 15; Serial No. 168,442; published Jan. 30, 1923.
Hosiery. Wayne Knitting Mills. 163,732; Jan. 23.
Hosiery. George Wills and Sons, Ltd. 169,967; July 10; Serial No. 163,722; published Apr. 3, 1923.
Hosiery. Wilson Brothers. 174,350; Oct. 16; Serial No. 135,121; published July 17, 1923.
Hosiery. Wolf Brothers & Company. 172,167; Aug. 27.
Hosiery. A. A. Wuest. 175,473; Nov. 6; Serial No. 181,800; published Aug. 28, 1923.
Hosiery. Wyman, Partridge & Co. 173,658; Oct. 2; Serial No. 176,306; published June 19, 1923.
Hosiery and garters. Howard Hose and Garter Mfg. Co. 174,013; Oct. 2; Serial No. 175,557; published July 10, 1923.
Hosiery and knit underwear. Twintex Underwear Corporation. 163,635; Jan. 23.
Hosiery and knit underwear. West Branch Knitting Company. 163,645; Jan. 23.
Hosiery and knitted underwear. Campe Corporation. 176,475; Nov. 27; Serial No. 181,109; published Sept. 18, 1923.
Hosiery and knitted underwear. Geo. English, Jr., & Co. 174,818; Oct. 23; Serial No. 180,847; published Aug. 7, 1923.
Hosiery and knitted underwear. Realsilk Fabrics Corporation. 171,243; July 31; Serial No. 170,308; published May 8, 1923.
Hosiery and men's and women's knitted underwear. J. A. Kronovet. 168,326; May 22; Serial No. 165,959; published Jan. 2, 1923.

Classified list of trade-marks registered—Continued.

Hosiery and men's crochet and knitted neckwear. Federal Knitting Company. 173,446; Sept. 25; Serial No. 173,762; published June 26, 1923.
Hosiery and men's knitted and textile underwear. W. R. Grace & Co. 173,331; Sept. 25; Serial No. 171,270; published June 26, 1923.
Hosiery and sweaters, scarfs, caps, bootees, and knit sets. A. B. Frank Company. 173,177; Sept. 18; Serial No. 170,634; published June 19, 1923.
Hosiery and underwear. Davenport Brothers. 171,296; Aug. 7; Serial No. 166,295; published May 8, 1923.
Hosiery and underwear. I. Mannesovitch, jr. 166,642; Apr. 10; Serial No. 165,803; published Jan. 9, 1923.
Hosiery and underwear. S. Quint. 171,305; Aug. 7; Serial No. 164,667; published May 1, 1923.
Hosiery and underwear. Scheinzeit-Goldman Co. 166,725; Apr. 10; Serial No. 160,565; published Dec. 12, 1922.
Hosiery and underwear. Scotia Mills, Inc. 173,513; Sept. 25.
Hosiery and underwear. Jeanne Tournier, Inc. 174,538; Oct. 16.
Hosiery and underwear. Willcox & Gibbs Sewing Machine Company. 23,194; renewed June 13, 1923.
Hosiery and underwear, Knitted and textile. I. M. Mirsky & Son. 172,604; Sept. 11; Serial No. 170,591; published June 5, 1923.
Hosiery and underwear of knitted and textile fabric. Colter & Bernie. 173,174; Sept. 18; Serial No. 171,152; published June 19, 1923.
Hoisery and underwear, Silk. F. Robison. 175,061; Oct. 30; Serial No. 179,166; published July 10, 1923.
Hosiery, boots, shoes, overalls, and rompers. Sherman & Lebair, Incorporated. 176,496; Nov. 27; Serial No. 174,492; published Sept. 18, 1923.
Hosiery, Boys' and girls'. A. A. Wuest. 174,261; Oct. 9; Serial No. 177,419; published July 10, 1923.
Hosiery, Children's. W. T. Grant Co. 166,715; Apr. 10; Serial No. 155,167; published May 9, 1922.
Hosiery, Children's. "Onyx" Hosiery Inc. 177,528; Dec. 18; Serial No. 182,670; published Oct. 2, 1923.
Hosiery, coats, gloves, suits, etc. H. Schneider. 174,994; Oct. 30; Serial No. 172,960; published Aug. 7, 1923.
Hosiery for men. Athens Hosiery Mills. 166,631; Apr. 10; Serial No. 168,289; published Jan. 9, 1923.
Hosiery for men and women. W. R. Wetherhold. 173,019; Sept. 11; Serial No. 173,062; published June 5, 1923.
Hosiery for women and misses. Rockland Hosiery Mills. 169,415; June 12.
Hosiery, knit and cut underwear, knitted sweaters, and men's work shirts. Klein, Gordon & Company. 166,698; Apr. 10; Serial No. 168,047; published Dec. 12, 1922.
Hosiery, knitted underwear, and sweaters. Cohen & Levinson. 167,982; May 8.
Hosiery, knitted underwear, and sweaters. A. Thompson Co. 171,876; Aug. 14; Serial No. 172,783; published May 22. 1923.
Hosiery, knitted underwear, and sweaters. A. Thompson Co. 171,878–81; Aug. 14; Serial Nos. 172,779–82; published May 22, 1923.
Hosiery, knitted underwear, gloves, mittens, gauntlets. John E. Hurst & Co. 172,209; Aug. 28; Serial No. 173,327; published May 29, 1923.
Hosiery, Ladies'. Kajowill Mills. 171,779; Aug. 14; Serial No. 173,049; published May 22, 1923.
Hosiery, Ladies'. Ben Levene Inc. 173,395; Sept. 25; Serial No. 173,395; published June 26, 1923.
Hosiery, Ladies'. Marshall Field & Company. 163,238; Jan. 2.
Hosiery, Ladies'. Marshall Field & Company. 164,599–600; Feb. 20.
Hosiery, Ladies'. Marshall Field & Company. 164,602; Feb. 20.
Hosiery, Ladies'. Marshall Field & Company. 168,196; May 15; Serial No. 166,058; published Jan. 30, 1923.
Hosiery, Ladies' full-fashioned silk. Mammoth Hosiery Mills. 164,595; Feb. 20.
Hosiery, Men's. Marshall Field & Company. 163,819; Jan. 30.
Hosiery, Men's. Marshall Field & Company. 164,601; Feb. 20.
Hosiery, Misses'. Athens Hosiery Mills. 176,269; Nov. 20; Serial No. 176,530; published Sept. 4, 1923.
Hosiery, scarfs, neckties, and mufflers. Nickels & Lauber, Inc. 168,186; May 15; Serial No. 169,071; published Jan. 30, 1923.
Hosiery, shirts, gloves, tights, etc. Nat Lewis, Inc. 164,576; Feb. 20.
Hosiery, Silk. Lehigh Silk Hosiery Mills, Inc. 164,082; Feb. 13.
Hosiery, Silk. Lehigh Silk Hosiery Mills, Inc. 173,589; Sept. 25.
Hosiery, Silk. Rosenham Company. 164,831; Feb. 27.
Hosiery, silk underwear and gloves of leather and fabric, Silk. Brunstaedt Co. 163,027; Jan. 2.
Hosiery, sleeping garments, bibs, and aprons. Fred A. Wish, Incorporated. 174,583; Oct. 23; Serial No 180,642; published July 24, 1923.
Hosiery, socks, and stockings. Campe-Davis-Blair Co. 176,558; Nov. 27; Serial No. 180,747; published Sept. 18, 1923.
Hosiery, Sporting. D. Kirsch. 168,074; May 15; Serial No. 159,093; published Feb. 27, 1923.
Hosiery supporters. Komdo Novelty Co. 170,091; July 10; Serial No. 170,201; published Apr. 3, 1923.
Hosiery, suspenders, garters, underwear, etc. B. Cohn. 173,335; Sept. 25; Serial No. 169,949; published June 26, 1923.
Hosiery, sweaters, and knitted underwear. A. H. Wittenberg. 173,372; Sept. 25; Serial No. 178,321; published July 10, 1923.
Hosiery, sweaters, and ladies' scarfs and knit underwear. Maass & Kemper. 166,637; Apr. 10; Serial No. 165,800; published Dec. 19, 1922.
Hosiery, sweaters, underwear, and neckties. Barnett-Green Company. 172,168; Aug. 21.
Hosiery. Toewear Hosiery Incorporated. 171,199; July 31; Serial No. 148,774; published May 8, 1923.
Hosiery, underwear, and outer garments. May Hosiery Mills, Inc. 173,346; Sept. 25; Serial No. 170,589; published June 26, 1923.
Hosiery, underwear, and shirts. Williams-Richardson Company. 177,008; Dec. 11; Serial No. 149,881; published Aug. 7, 1923.
Hosiery, underwear, and sweaters. Z. H. Altmark. 163,833; Jan. 30.
Hosiery, underwear, and sweaters. Mandel & Cohen. 164,807; Feb. 27.
Hosiery, underwear, and sweaters. M. Solomon. 169,319; June 12; Serial No. 170,099; published Mar. 20, 1923.
Hosiery, underwear, bathing suits, shirts, etc. Kalven & Stern. 164,942; Feb. 27.
Hosiery, underwear, sweater coats, shirts. Morris, Sloan, Morris & Co. 177,526; Dec. 18; Serial No. 182,601; published Oct. 2, 1923.
Hosiery, underwear, sweaters. Weber Levy Company. 175,789; Nov. 13; Serial No. 179,759; published Aug. 28, 1923.
Hosiery, underwear, sweaters, etc. Colodzin & Edlman. 171,935; Aug. 14.
Hosiery, underwear, sweaters, gloves, and mittens. E. Heathcote. 174,364; Oct. 16; Serial No. 176,465; published July 17, 1923.
Hosiery, Women's. Marshall Field & Company. 170,146; July 10; Serial No. 158,115; published Apr. 24, 1923.
Hosiery, Women's silk. Cohen Company. 174,508; Oct. 16; Serial No. 180,271; published July 24, 1923.
Insoles, Leather. J. G. Curtis Leather Company. 172,099; Aug. 21; Serial No. 174,074; published May 22, 1923.
Kimonos, bath robes, etc. Joseph Bros. 174,016; Oct. 2; Serial No. 175,398; published July 10, 1923.
Kimonos, breakfast gowns, etc. Barsa Corporation. 174,274; Oct. 9; Serial No. 178,021; published July 10, 1923.
Knickerbockers. Morris Hoffman Company. 168,451; May 22; Serial No. 170,192; published Feb. 20, 1923.
Knickerbockers. Solomon Mfg. Co. 166,705; Apr. 10; Serial No. 167,331; published Dec. 12, 1922.
Knickerbockers. Solomon Mfg. Co. 177,517; Dec. 18. Serial No. 167,333; published Sept. 11, 1923.
Knickerbockers and sport riding and golf trousers. Max B. Brummer & Son, Inc. 168,392; May 22; Serial No. 169,947; published Feb. 20, 1923.
Knickerbockers or bloomers. Kenilworth Manufacturing Co. 166,661; Apr. 10; Serial No. 164,923; published Dec. 19, 1922.
Knickerbockers or bloomers. Kenilworth Manufacturing Co. 166,673; Apr. 10; Serial No. 165,553; published Dec. 19, 1922.
Knickerbockers or bloomers. Kenilworth Manufacturing Co. 173,334; Sept. 25; Serial No. 170,887; published June 26, 1923.
Knit and woven underwear. Maline Mills Company. 177,501; Dec. 18; Serial No. 182,252; published Oct. 9, 1923.
Knit goods, viz, hosiery. Artcraft Silk Hosiery Mills, Inc. 163,550; Jan. 23.
Knit underwear, Infants. and children's. Earnshaw Knitting Company. 163,564; Jan. 23.
Knit underwear, Ladies'. California Underwear and Hosiery Mills. 168,387; May 22; Serial No. 169,616; published Feb. 20. 1923.
Knit underwear, Ladies'. California Underwear and Hosiery Mills. 171,255; July 31; Serial No. 169,619; published May 1, 1923.
Knit underwear, Ladies'. California Underwear and Hosiery Mills. 171,739; Aug. 14; Serial No. 169,618; published May 8, 1923.
Knitted and textile fabric, Underwear of. Richardson Dry Goods Co. 164,722; Feb. 27.
Knitted and textile undergarments, Women's. The Fair. 169,292; June 12; Serial No. 164,881; published Mar. 20, 1923.
Knitted and textile underwear. Vesta Underwear Company. 164,869–70; Feb. 27.
Knitted and textile underwear. Western Hosiery Company. 166,611; Apr. 10; Serial No. 147,384; published Dec. 12, 1922.
Knitted articles of clothing. Saxony Knitting Co. 165,239; Mar. 6.
Knitted capes, shawls, and scarfs, Ladies'. Atlantic Knitting Mills, Inc. 164,865; Feb. 27.

Knitted caps. Bamberger Reinthal Co. 171,201; July 31; Serial No. 151,864; published May 8, 1923.
Knitted caps. Broadway Knitting Mills. 166,847; Apr. 17; Serial No. 165,984; published Jan. 9, 1923.
Knitted coats. Ely & Walker Dry Goods Company. 176,275; Nov. 20; Serial No. 178,096; published Sept. 11, 1923.
Knitted coats for outer wear, Men's. Alcone Knitting Mills. 166,600; Apr. 10; Serial No. 150,427; published Jan. 16, 1923.
Knitted coats, jackets, and sweaters. J. S. Ellis. 173,830; Oct. 2; Serial No. 175,076; published June 26, 1923.
Knitted coats, knit caps, silk scrafs, etc., Silk. Lafayette Knitting Mills Inc. 164,802; Feb. 27.
Knitted garments. S. J. Sager Company. 176,642; Nov. 27; Serial No. 156,934; published Sept. 18, 1923.
Knitted garments—namely, underwear, coats, sweaters, and bathing suits. Walnott Knitting Company. 163,910; Feb. 6.
Knitted goods. F. Block. 169,314; June 12; Serial No. 169,528; published Mar. 20, 1923.
Knitted goods. Excelsior Knitting Mills, Inc. 164,085; Feb. 13.
Knitted jackets, coats, sweaters, and golf stockings. A. Bergman. 175,927; Nov. 13; Serial No. 179,923; published Aug. 28, 1923.
Knitted jackets, coats, sweaters, leggings, and golf stockings. A. Bergman. 163,553; Jan. 23.
Knitted neckties and scarfs. E. Glick. 163,576; Jan. 23.
Knitted outer garments. Allandale Knitting Mills, Inc. 169,712; June 26.
Knitted outer garments. Halpern & Kalb, Inc. 171,244; July 31; Serial No. 170,186; published May 1, 1923.
Knitted outer garments. Sweater & Knitted Textile Publicity Bureau, Inc. 172,164–6; Aug. 21.
Knitted outer wear. Yund, Kennedy & Yund. 166,627; Apr. 10; Serial No. 168,658; published Jan. 23, 1923.
Knitted outer wear. Yund, Kennedy & Yund. 168,275; May 15; Serial No. 168,657; published Feb. 13, 1923.
Knitted scarfs and bow ties. Franklin Knitting Mills, Inc. 172,958; Sept. 11; Serial No. 175,238; published June 5, 1923.
Knitted scarfs and hosiery. Clifton Textile Company. 163,557; Jan. 23.
Knitted sweaters. Cadet Knitting Co. 163,032; Jan. 2.
Knitted sweaters. Gotham Knitting Mills. 169,318; June 12; Serial No. 170,064; published Mar. 20, 1923.
Knitted sweaters. Quaker City Sweater Mills. 166,025; Mar. 27; Serial No. 163,648; published Jan. 2, 1923.
Knitted sweaters and caps. Keller Knitting Company. 168,314; May 22; Serial No. 168,530; published Dec. 19, 1922.
Knitted sweaters, caps, gloves, socks, etc. Olympia Knitting Mills, Inc. 168,209; May 15; Serial No. 153,616; published Jan. 30, 1923.
Knitted sweaters, mufflers, golf hose, and bathing suits. J. Forstadt. 174,996; Oct. 30; Serial No. 172,831; published Aug. 7, 1923.
Knitted sweaters, scarfs, and cravats. Anathan & Company. 163,824; Jan. 30.
Knitted sweaters, vests, coats, cloaks, etc. Franklin Knitting Mills, Inc. 165,300; Mar. 6; Serial No. 163,625; published Nov. 14, 1922.
Knitted underwear for women and children. N. F. Forzly. 163,574; Jan. 23.
'Knitted underwear, Ladies'. R. A. Reiff. 173,659; Oct. 2; Serial No. 176,216; published June 19, 1923.
Knitted wear. D. Ballantyne, Brothers & Company. 173,831; Oct. 2; Serial No. 175,053; published June 26, 1923.
Knitted wear. A. L. Wallau. 173,197–8; Sept. 18; Serial Nos. 173,018–19; published June 19, 1923.
Leggings. F. & G. Baby Wear Co. 164,229; Feb. 13.
Lingerie, gymnasium bloomers, and underwear. Jean Garment Company. 171,298; Aug. 7; Serial No. 165,382; published May 1, 1923.
Mackinaws and sport coats. Eaton Rapid Woolen Mills. 164,574; Feb. 20.
Middies, smocks, and children's dresses. Trojan Middy Co. 173,652; Oct. 2; Serial No. 176,582; published June 10, 1923.
Middy blouses. Sears, Roebuck and Co. 164,744; Feb. 27.
Middy blouses and waists. Morris & Company. 176,081; Nov. 13.
Middy blouses, overblouses, smocks, tuxedos, etc. Sailor Maid Middy Co. 168,327; May 22; Serial No. 165,727; published Nov. 14, 1922.
Middy suits, blouses, breeches, etc. Boys' and girls'. Jackie-Klothes, Inc. 172,157; Aug. 21.
Models, (hats and untrimmed shapes.) Gayhart Millinery Corporation. 168,002; May 8.
Neckbands. William T. Palmer & Company. 164,981; Feb. 27.
Neckbands. Phillips-Jones Corporation. 166,700; Apr. 10; Serial No. 167,782; published Jan. 9, 1923.
Neckties. Grip Bow Tie Company. 173,231; Sept. 18; Serial No. 173,353; published June 19, 1923.
Neckties. Guest Neckwear Co. 175,310; Nov. 6; Serial No. 159,461; published Aug. 14, 1923.
Neckties. Meyer, Bacharach & Friedheim. 174,722; Oct. 23; Serial No. 174,183; published July 24, 1923.
Neckties. Meyer, Bacharach & Friedheim. 176,129; Nov. 20; Serial No. 174,184; published Sept. 11, 1923.
Neckties. A. Schreter. 169,175; June 12; Serial No. 169,331; published Mar. 20, 1923.
Neckties. C. Seidman. 177,258; Dec. 11; Serial No. 183,763; published Sept. 25, 1923.
Neckties. Stern, Merritt Co. 173,875–6; Oct. 2; Serial Nos. 175,893–4; published July 10, 1923.
Neckties. Southern Textile Machinery Co., Manufacturers. 171,662; Aug. 7.
Neckties. B. Weisberg. 163,841; Jan. 30.
Neckties. B. Weisberg. 172,800; Sept. 11; Serial No. 174,502; published June 5, 1923.
Neckties. I. D. Wolfson, Inc. 172,600; Sept. 11; Serial No. 171,005; published June 5, 1923.
Neckties and scarfs for men, negligee, house, and bath robes, house coats, etc. W. O. Horn & Brother, Inc. 163,582; Jan. 23.
Neckties, cravats, and neckscarfs. Albert Neckwear Manufacturing Company. 166,603; Apr. 10; Serial No. 149,792; published June 6, 1922.
Neckties, cravats, and scarfs. Franc-Strohmenger & Cowan, Inc. 176,136; Nov. 20; Serial No. 183,105; published Sept. 11, 1923.
Neckties, cravats, and scarfs. Frank & Meyer Neckwear Co. 176,494; Nov. 27; Serial No. 168,465; published Sept. 18, 1923.
Neckties, cravats, scarfs, hats, caps. The Collegian. 169,881; July 3; Serial No. 148,973; published Apr. 3, 1923.
Neckties, knitted and woven neckties, cravats, and mufflers. Willow Weaving Co. 169,129; June 5.
Neckties, Men's. Parker-Bridget Company. 172,280; Aug. 28; Serial No. 169,818; published May 29, 1923.
Neckties, Men's. H. Stark. 163,626; Jan. 23.
Neckties, Men's cut. James McCurrach & Brother. 163,597; Jan. 23.
Neckties, scarfs, and sweaters. A. A. Kahil. 174,850; Oct. 23; Serial No. 177,492; published July 31, 1923.
Neckwear, Ladies'. A. Phillips. 163,151; Jan. 2.
Neckwear, reefers, and mufflers. I. Isaac. 164,837; Feb. 27.
Nightgowns. L. H. Clark Mfg. Co. 171,251; July 31; Serial No. 169,891; published May 1, 1923.
Nightgowns, chemise, and princess slips. Dayton Company. 163,561; Jan. 23.
Night robes. E. Rosenfeld & Co. 24,202; renewed Feb. 13, 1924.
Nightshirts and pyjamas. E. Rosenfeld & Company. 163,244–7; Jan. 2.
Overall or combination suits, One-piece. H. Lemoine. 168,321; May 22; Serial No. 167,644; published Feb. 13, 1923.
Overalls. Alabama Overall Company. 166,688; Apr. 10; Serial No. 167,504; published Jan. 2, 1923.
Overalls. Cleveland Overall Company. 172,202; Aug. 28; Serial No. 172,212; published May 29, 1923.
Overalls. Happ Brothers Co. 166,623; Apr. 10; Serial No. 168,843; published Dec. 19, 1922.
Overalls. Kaynee Company. 171,191; July 31; Serial No. 126,222; published May 1, 1923.
Overalls. Old Dominion Garment Company, The. 164,227; Feb. 13.
Overalls. Shamrock Overall Mfg. Co. 173,327; Sept. 25; Serial No. 171,710; published June 26, 1923.
Overalls. Shull-Day Company. 171,900; Aug. 14.
Overalls. Smith Bros. Manufacturing Company. 164,216; Feb. 13.
Overalls and coats. King Lockwood Co. 177,532; Dec. 18; Serial No. 182,827; published Oct. 2, 1923.
Overalls and coveralls, Men's and boys'. Lindeke, Warner & Sons, Incorporated. 168,330; May 22; Serial No. 165,026; published Oct. 31, 1922.
Overalls and jackets. Shull-Day Company. 163,622; Jan. 23.
Overalls and jumpers. Blue Star Overall Company. 166,689; Apr. 10; Serial No. 168,095; published Dec. 5, 1922.
Overalls and men's work shirts, Boys'. Louisville Furnishing Goods Co. 166,615; Apr. 10; Serial No. 159,363; published July 18, 1922.
Overalls and overall coats. Doe River Overall Company. 175,853; Nov. 13; Serial No. 176,608; published Aug. 28, 1923.
Overalls and work clothes. J. C. Penney Company. 163,614; Jan. 23.
Overalls and work shirts. Cupples Company Manufacturers. 164,815; Feb. 27.
Overalls, Boys'. Omaha Mercantile Company. 163,608; Jan. 23.
Overalls, Children's. Arthur A. Katten Co. 174,300; Oct. 9.
Overalls, coats, pants, jumpers, etc. Ironall Factories Co. 174,248; Oct. 9; Serial No. 164,707; published July 3, 1923.
Overalls, coats, play suits, auto suits, khaki pants, and shirts. Zion's Co-Operative Mercantile Inst. 169,101; June 5.
Overalls, combination suits, one-piece suits, pants, work shirts, etc. Ironall Factories Co. 164,230; Feb. 13.
Overalls, jackets, and combination outer suits. D. Oberman Mfg. Co. 168,294; May 15.

Classified list of trade-marks registered—Continued.

Overalls, pantaloons, shirts, and drawers, Men's. Rice, Stix & Co. 22,337; renewed Jan. 10, 1923.
Overalls, pants, and coats. Larned, Carter & Company. 167,968; May 8.
Overalls, pants, children's play suits, shirts. A. E. Cohn. 177,586; Dec. 18.
Overalls, pants, shirts. Oklahoma Garment Manufacturing Co. 169,215; June 12; Serial No. 149,348; published Mar. 13, 1923.
Overalls, pants, working shirts. Horace L. Allen Mfg. Co. 175,190; Oct. 30; Serial No. 175,591; published Aug. 7, 1923.
Overalls, shirts, pants or trousers, coats, etc. Robt. Krause Co. 172,275; Aug. 28; Serial No. 171,701; published May 29, 1923.
Overalls, suits, and work trousers. Large & Roomy Overall Mfg. Co. 172,187; Aug. 21.
Overalls, suits, work shirts, and pants. Wyman, Partridge & Co. 163,647; Jan. 23.
Overalls, work shirts, and combination work suits. Hauser Garrison Dry Goods Co. 175,088; Oct. 30; Serial No. 180,215; published Aug. 14, 1923.
Overalls, work shirts and jackets. Oshkosh Overall Company. 168,000; May 8.
Overalls, work shirts, and rompers. Stuart, Keith & Co. 163,973; Feb. 6.
Overalls, work shirts, coats, vests, and pants. A. C. Barrow & Company. 171,752; Aug. 14; Serial No. 163,966; published May 22, 1923.
Overcoats. Meigs & Co. 174,286; Oct. 9; Serial No. 179,376; published July 10, 1923.
Overcoats. Rhodes & Ripley Clothing Company. 173,397; Sept. 25; Serial No. 173,724; published June 26, 1923.
Overcoats and coats. Aquascutum Limited. 164,058; Feb. 13.
Overcoats and suits. Fruhauf Bros. & Co. 175,115; Oct. 30; Serial No. 176,736; published Aug. 14, 1923.
Overcoats and suits. L. & M. System Clothes, Inc. 177,404; Dec. 18; Serial No. 179,733; published Oct. 9, 1923.
Overcoats and suits, Men's. Wollner & Smith. 175,363; Nov. 6; Serial No. 177,060; published Aug. 14, 1923.
Overcoats and suits, Men's and boys'. L. Baeffsky. 175,393; Nov. 6; Serial No. 157,910; published Aug. 7, 1923.
Overcoats and suits, Men's and boys'. Rogers Peet Company. 177,547; Dec. 18; Serial No. 183,231; published Oct. 9, 1923.
Overcoats and topcoats. Hickey-Freeman Co. 174,352; Oct. 16; Serial No. 177,377; published July 17, 1923.
Overcoats and ulsters. New Process Company. 169,573; June 19.
Overcoats, Men's. Weber & Heilbroner. 164,237–8; Feb. 13.
Overcoats, raincoats, house coats, etc. Heidelberg, Wolff & Co. 174,175; Oct. 9; Serial No. 179,722; published July 17, 1923.
Overcoats, raincoats, smoking jackets, etc. Heidelberg, Wolff & Co. 175,793; Nov. 13; Serial No. 179,723; published Aug. 28, 1923.
Overcoats, raincoats, smoking jackets, etc. Heidelberg, Wolff & Co. 176,587; Nov. 27; Serial No. 179,728; published Sept. 11, 1923.
Overcoats, raincoats, smoking jackets, housecoats, etc. Heidelberg, Wolff & Co. 176,565; Nov. 27; Serial No. 179,727; published Sept. 11, 1923.
Overcoats, raincoats, suit coats, suits, vests, and trousers, Men's and youths.' Alta Clothing Company. 174,644; Oct. 23; Serial No. 181,234; published Aug. 7, 1923.
Overcoats, suits, caps, shirts, etc., Men's. Wilson & Glenny, Ltd. 168,125; May 15; Serial No. 159,909; published Feb. 27, 1923.
Overcoats, suits, coats, and pants, Men's and boys'. Samuel Spitz & Sons, Inc. 169,403; June 12; Serial No. 157,695; published Mar. 20, 1923.
Overcoats, suits, raincoats, and pants. Daniel Boone Woolen Mills, Inc. 164,581; Feb. 20.
Overcoats, trousers, and suits, Men's. I. & S. Bing Company. 168,467; May 22; Serial No. 167,068; published Feb. 20, 1923.
Pants and boys' suits and overcoats, Knee and long. Hillsdale Manufacturing Company. 164,217; Feb. 13.
Pants, Baby. Brooklyn Shield & Rubber Company. 172,112; Aug. 21; Serial No. 172,027; published May 22, 1923.
Pants, business and golf suits, ulsters, overcoats, etc., Men's. J. O. Ballard & Company. 164,248; Feb. 13.
Pants, coats, vests, and men's outer garments for summer wear. David Halpern and Greenberg. 167,793; May 8; Serial No. 165,020; published Feb. 6, 1923.
Pants, jackets, overalls, etc. Babcock & Shannon Co. 171,268; July 31; Serial No. 168,870; published May 8, 1923
Pants, Khaki, corduroy, and worsted. N. Rothman. 173,337; Sept. 25; Serial No. 167,019; published June 19, 1923.
Pants, khaki pants, work shirts, and overalls. Cotton. Greenberg-Kantor Company. 169,535; June 19; Serial No. 168,033; published Jan. 30, 1923.
Pants. Men's. J. O. Ballard & Company. 164,249; Feb. 13.
Pants, Men's. M. I. Reinhertz. 173,843; Oct. 2; Serial No. 171,957; published June 12, 1923.
Pants, Men's and boys'. Lamm Brothers. 163,591; Jan. 23.
Pants, Norfolk jackets, coats, and vests. Sweet-Orr & Co. 174,271; Oct. 9; Serial No. 174,221; published July 3, 1923.
Pants, overalls, jumpers and work shirts, children's overalls and rompers, Men's working. Standard Tent & Awning Company. 170,335; July 10.
Pants, overalls, jumpers, etc., Men's working. Standard Tent & Awning Company. 173,915; Oct. 2; Serial No. 174,943; published July 10, 1923.
Pants, vests, and coats. Superior Clothing Company. 163,256; Jan. 2.
Pants, vests, and coats. Superior Clothing Company. 172,151; Aug. 21.
Pants, vests, coats, work shirts, hiking breeches. M. Liberman. 171,852; Aug. 14; Serial No. 170,940; published May 15, 1923.
Pants, Work. Sears, Roebuck and Co. 164,747; Feb. 27.
Petticoat. E. M. McRae. 168,110; May 15; Serial No. 135,972; published Feb. 6, 1923.
Petticoat underdrawer. A. L. Vilander. 168,847; May 29; Serial No. 174,949; published Mar. 13, 1923.
Petticoats, bloomers, and pantalets. Crown Petticoat Co. 163,560; Jan. 23.
Petticoats, ladies' and misses' underwear. Vanity Fair Silk Mills. 168,008; May 8.
Putties, Leather. Williams Manufacturing Company. 176,877; Dec. 4; Serial No. 181,799; published Sept. 11, 1923.
Pyjamas. Lester G. Steppacher Co. 166,622; Apr. 10; Serial No. 168,861; published Jan. 2, 1923.
Pyjamas. M. Wilber Dyer Company. 174,212; Oct. 9; Serial No. 179,463; published July 10, 1923.
Pyjamas and men's undergarments. Regatta Manufacturing Co. 164,875; Feb. 27.
Pyjamas, bloomers, and textile-fabric undergarments, Ladies'. M. Goldstein & Company. 164,838; Feb. 27.
Pyjamas, Children's and youths' one-piece. Kaynee Company. 168,108; May 15; Serial No. 126,219; published Feb. 13, 1923.
Pyjamas for women. S. K. Underwear Co. 164,867; Feb. 27.
Pyjamas, Men's. Star Shirt Manufacturing Company. 164,864; Feb. 27.
Pyjamas, nightshirts, night coats, beach coats, gymnasium coats, etc. Rice-Stix Dry Goods Company. 168,194; May 15; Serial No. 168,802; published Feb. 6, 1923.
Pyjamas, shirts, nightshirts, and men's robes. Knothe Brothers Co. 173,809; Oct. 2; Serial No. 171,422; published July 3, 1923.
Raincoats. New Process Company. 169,574; June 19.
Raincoats and rainproof men's and children's clothing. Louis N. Cohen & Co. 173,454; Sept. 25; Serial No. 173,564; published June 26, 1923.
Raincoats and topcoats. C. B. Shane Co. 164,777–8; Feb. 27.
Raincoats and topcoats. C. B. Shane Co. 172,961; Sept. 11; Serial No. 175,110; published June 5, 1923.
Raincoats and waterproof garments. Badger Raincoat Co. 165,926; Mar. 20.
Raincoats, cravenettes, gaberdines, sport coats, mackintoshes, etc. B. Lobel. 164,810; Feb. 27.
Raincoats, etc., in proofed cloths. Nicholson's Raincoat Co. 163,693; Jan. 23.
Raincoats, ladies' skirts, dresses, etc. Lorraine Manufacturing Company. 176,798; Nov. 27.
Raincoats, rain articles, etc. Standard Oiled Clothing Co. 173,453; Sept. 25; Serial No. 173,733; published June 26, 1923.
Rainproof garments. New York Mackintosh Clothing Company. 175,592; Nov. 6; Serial No. 179,420; published Aug. 14, 1923.
Robes. Lewis-Wise Co. 174,172; Oct. 9; Serial No. 179,873; published July 17, 1923.
Robes, dressing gowns, smoking jackets, and negligees, Bath and lounging. Fischer-Jelenko Inc. 177,278; Dec. 11; Serial No. 183,143; published Sept. 25, 1923.
Rompers and play clothes, Children's. J. Fremont. 164,773; Feb. 27.
Rompers and play garments, Children's. Kaynee Company. 171,190; July 31; Serial No. 126,221; published May 1, 1923.
Rompers, overalls, and dresses, Children's. Baby Shop, Inc. 166,616; Apr. 10; Serial No. 121,143; published Apr. 11, 1922.
Rompers, wash suits, dresses, etc. J. Schwartz. 176,121; Nov. 20; Serial No. 167,151; published Aug. 7, 1923.
Rubber and oiled coats and jackets. Goodyear Rubber Co. 168,121; May 15; Serial No. 158,612; published Jan. 30, 1923.
Rubber and oiled coats and jackets. Goodyear Rubber Co. 168,122; May 15; Serial No. 158,613; published Feb. 20, 1923.
Rubber aprons. Oberndorfer Company. 171,307; Aug. 7; Serial No. 164,185; published May 1, 1923.
Rubber bathing caps. Marshall Field & Company. 165,991; Mar. 27; Serial No. 165,921; published Dec. 12, 1922.
Rubber boots and shoes. Goodyear Rubber Company. 169,411; June 12.

Rubber boots and shoes. La Crosse Rubber Mills Co. 168,262; May 15; Serial No. 170,492; published Feb. 27, 1923.
Rubber boots and shoes. La Crosse Rubber Mills Co. 170,087; July 10; Serial No. 170,489; published Apr. 3, 1923.
Rubber boots and shoes and arctic overshoes. Goodyear Rubber Company. 170,611; July 17; Serial No. 176,338; published Apr. 17, 1923.
Rubber boots and shoes and arctic overshoes. Goodyear Rubber Company. 173,885; Oct. 2; Serial No. 176,337; published July 10, 1923.
Rubber boots and shoes, rubber overshoes, etc. Hood Rubber Company. 170,759; July 24; Serial No. 176,344; published Apr. 24, 1923.
Rubber boots, shoes, overshoes, and rubber-soled canvas shoes. Hood Rubber Company. 176,205; Nov. 20; Serial No. 179,470; published Aug. 14, 1923.
Rubber boots, shoes, overshoes, etc. Hood Rubber Company. 176,969; Dec. 11; Serial No. 179,040; published Sept. 11, 1923.
Rubber coverings for hats. I. Petruzzelli. 171,657; Aug. 7.
Rubber gloves. Stewart & Holmes Drug Co. 163,961; Feb. 6.
Rubber goods. R. B. Hansen. 169,016; May 29.
Rubber heels. Achilles Rubber and Tire Company. 164,219; Feb. 13.
Rubber heels. Armstrong Cork Company. 170,115; July 10; Serial No. 159,828; published Apr. 3, 1923.
Rubber heels. Brown Shoe Company. 164,250; Feb. 13.
Rubber heels. B. A. Corbin and Son Company. 163,787; Jan. 30.
Rubber heels. Counterbalance Rubber Heel Co. 165,318; Mar. 6; Serial No. 167,701; published Nov. 14, 1922.
Rubber heels. Eclipse Shoe Manufacturing Company. 168,266; May 15; Serial No. 169,706; published Feb. 27, 1923.
Rubber heels. K-F Heel Company. 164,252; Feb. 13.
Rubber heels. Lynch Heel Company. 168,011; May 15; Serial No. 161,490; published Feb. 27, 1923.
Rubber heels. McWade Tire and Rubber Company. 172,115; Aug. 21; Serial No. 175,878; published May 22, 1923.
Rubber heels. New York Belting and Packing Company. 165,353; Mar. 6; Serial No. 168,688; published Nov. 14, 1922.
Rubber heels. Taunton Rubber Company. 169,514; June 19; Serial No. 171,969; published Mar. 27, 1923.
Rubber heels. Tee Pee Rubber Company. 170,096; July 10; Serial No. 169,372; published Apr. 3, 1923.
Rubber heels. United States Rubber Company. 176,148; Nov. 20; Serial No. 171,880; published July 31, 1923.
Rubber heels. Wedge Heel & Rubber Co. 176,152; Nov. 20; Serial No. 170,916; published July 31, 1923.
Rubber heels and arch cushions. Flexo Manufacturing Company. 176,835; Dec. 4; Serial No. 181,018; published Sept. 11, 1923.
Rubber heels and soles, rubber half soles. Hanover Rubber Co. 164,037; Feb. 6.
Rubber heels and soles, rubbers, overshoes, and rubber shoes. Alfred Hale Rubber Company. 169,375; June 12; Serial No. 169,953; published Mar. 20, 1923.
Rubber heels and soles, shoes, etc. B. F. Chamberlain. 172,775; Sept. 11; Serial No. 141,855; published June 5, 1923.
Rubber heels, boots, overshoes, sandals, etc. Firestone-Apsley Rubber Company. 171,697; Aug. 7.
Rubber heels for shoes. B. R. Barva. 177,017; Dec. 11; Serial No. 164,578; published Sept. 18, 1923.
Rubber heels for shoes. A. Freedman. 165,732; Mar. 20; Serial No. 169,290; published Dec. 19, 1922.
Rubber heels for shoes. Holtite Manufacturing Co. 166,552; Apr. 10; Serial No. 125,461; published Dec. 21, 1920.
Rubber heels for shoes. Holtite Manufacturing Company. 176,214; Nov. 20; Serial No. 178,844; published Aug. 28, 1923.
Rubber heels, soles, and half soles. Hanover Rubber Co. 164,029; Feb. 6.
Rubber or composition heels and soles for boots and shoes. Goodyear Tire & Rubber Company. 166,827; Apr. 17; Serial No. 170,934; published Jan. 23, 1923.
Rubber or rubber composition for application to boots and shoes, Pads manufactured from Blakey's Boot Protectors Limited. 166,243; Mar. 27; Serial No. 165,618; published Nov. 7, 1922.
Rubber outsoles, heels, insoles, and half soles. Clark Rubber Mfg. Co. 176,035; Nov. 13; Serial No. 179,715; published Sept. 4, 1923.
Rubber plates or pads for attachment to the soles of boots and shoes, India-. Phillips' Patents Limited. 168,316; May 22; Serial No. 168,234; published Nov. 14, 1922.
Rubber shoe soles and heels. Firestone Tire and Rubber Company. 166,029; Mar. 27; Serial No. 167,123; published Nov. 7, 1922.
Rubber soles and heels. P. Barbieri. 176,119; Nov. 20; Serial No. 166,032; published Nov. 14, 1923.
Rubber soles and heels. Essex Rubber Company. 168,307; May 15.
Rubber soles and heels. Seiberling Rubber Company. 176,921; Dec. 4.
Rubber tips and pads for heels. Phillips Patents Limited. 163,383; Jan. 9.
Sandals of leather and textile material, Women's. H. E. Adams. 170,762–5; July 24; Serial Nos. 176,705–8; published Apr. 24, 1923.
Scarfs and mufflers. H. R. Mallinson & Co. Inc. 167,994; May 8.
Scarfs and mufflers of knitted and woven silk and fiber silk. H. R. Mallinson & Co. 163,598; Jan. 23.
Scarfs and neckties. Gropper Knitting Mills, Inc. 169,420; June 12.
Scarfs, hats, cloaks, capes, etc., Ladies.' I. Pachner & Son, Inc. 163,609; Jan. 23.
Scarfs, misses' and women's knit skirts, sweaters, men's jerseys, etc. Marshall Field & Company. 166,641; Apr. 10; Serial No. 165,930; published Dec. 12, 1922.
Scarfs, neckties, cravats, reefers. C. Stern & Mayer, Inc. 174,621–2; Oct. 23; Serial Nos. 179,436–7; published Aug. 7, 1923.
Scarfs, Women's. Vandewart Company. 164,764; Feb. 27.
Shirt for sports wear and athletic training, jackets, mackinaws, etc., Heavy outer. Wright's Underwear Company. 168,208; May 15; Serial No. 156,424; published Jan. 30, 1923.
Shirt waists, suits, skirts, dresses, petticoats, etc., Silk. J. A. Migel, Inc. 165,910; Mar. 20.
Shirts. Agra Shirt Co. 175,597; Nov. 6; Serial No. 179,126; published Aug. 14, 1923.
Shirts. C. O. Angle. 175,216; Oct. 30.
Shirts. Bloom & Perla. 175,705. Nov. 6.
Shirts. Columbia Shirt Company. 176,559–60; Nov. 27; Serial Nos. 180,788–9; published Sept. 11, 1923.
Shirts. A. Greenstone. 173,512; Sept. 25.
Shirts. A. Hartman. 173,874; Oct. 2; Serial No. 175,867; published July 10, 1923.
Shirts. A. Hartman. 173,910; Oct. 2; Serial No. 175,866; published July 10, 1923.
Shirts. A. Hartman. 173,909; Oct. 2; Serial No. 175,868; published July 10, 1923.
Shirts. Kingly Shirt Co. 171,262; July 31; Serial No. 169,363; published May 8, 1923.
Shirts. Mallory Shirt Co. 175,215; Oct. 30.
Shirts. Jacob Miller's Sons Co. 176,478; Nov. 27; Serial No. 181,039; published Sept. 11, 1923.
Shirts. S & S Shirt Company. 171,196; July 31; Serial No. 147,217; published May 1, 1923.
Shirts. Wallcraft Shirt Co. 175,739; Nov. 13; Serial No. 178,646; published Aug. 28, 1923.
Shirts and boys' blouses. Bob & Baskind. 175,230; Oct. 30.
Shirts and boys' shirts and blouses. Louis Diamond Co. 176,554; Nov. 27; Serial No. 180,922; published Sept. 11, 1923.
Shirts and children's blouses and play suits, Men's and boys' work. Nottage Company. 177,406; Dec. 18; Serial No. 179,422; published Oct. 2, 1923.
Shirts and collars. Hall, Hartwell & Co. 168,075; May 15; Serial No 158,393; published Jan. 23, 1923.
Shirts and collars. Hall, Hartwell & Co. 168,083; May 15; Serial No. 136,707; published Jan. 9, 1923.
Shirts and collars and cuffs. R. M. Moody. 166,785; Apr. 17; Serial No. 160,423; published Jan. 9, 1923.
Shirts and overalls, Work. Washington Manufacturing Co. 174,211; Oct. 9; Serial No. 179,502; published July 10, 1923.
Shirts and pyjamas, Dress. Goldstein and Fisher Co. 169,427; June 12.
Shirts and pyjamas, Night. E. Rosenfeld & Company. 171,663; Aug. 7.
Shirts and undershirts, Negligee. Irish Linen Mesh Company. 164,055; Feb. 13.
Shirts and underwear. Mincey Manufacturing Company. 176,482; Nov. 27; Serial No. 180,982; published Sept. 18, 1923.
Shirts, blouses, and pyjamas. Phillips-Jones Corporation. 176,137; Nov. 20; Serial No. 183,122; published Sept. 11, 1923.
Shirts, blouses, and sweaters. J. M. Crysler Co. 166,633; Apr. 10; Serial No. 168,207; published Jan. 9, 1923.
Shirts, blouses, nightshirts, and pyjamas. Marshall Field & Company. 166,190; Mar. 27; Serial No. 161,544; published Nov. 7, 1922.
Shirts, boys' blouses and play suits, Men's and boys' work. Reliance Manufacturing Company. 166,672; Apr. 10; Serial No. 165,506; published Jan. 9, 1923.
Shirts, Boys', men's, and work. Mohawk Shirt Co. 169,533; June 19; Serial No. 166,893; published Feb. 20, 1923.
Shirts, coats, trousers, caps, etc. Frank C. Aiello Corporation. 164,799; Feb. 27.
Shirts, collars, blouses, etc., Negligee. William Hollins & Co. 176,623; Nov. 27; Serial No. 1 161,005; published Sept. 18, 1923.
Shirts, collars, cuffs, pyjamas, and nightshirts. Phillips-Jones Corporation. 166,701; Apr. 10; Serial No. 167,781; published Jan. 23, 1923.
Shirts, collars, neckties, pyjamas, bath robes, and overalls. Marshall Field & Company. 163,599; Jan. 23.
Shirts, collars, pyjamas, and nightshirts. Phillips-Jones Corporation. 169,173; June 12; Serial No. 169,033; published Mar. 20, 1923.

Shirts, collars, pyjamas, night wear, etc., Dress and negligee. Excello Shirt Co. 170,125; July 10; Serial No. 164,699; published Mar. 20, 1923.
Shirts, collars, underwear, shoes, etc. Wallach Bros. 176,493; Nov. 27; Serial No. 169,569; published Sept. 18, 1923.
Shirts, drawers, etc. Salant & Salant. 175,219–20; Oct. 30.
Shirts, drawers, pyjamas, etc. G. F. Lester. 175,189; Oct. 30; Serial No. 175,727; published Aug. 7, 1923.
Shirts, Dress. American Wholesale Corporation (Baltimore Bargain House). 169,103–4; June 5.
Shirts, Dress. B. Lazinsky. 163,593; Jan. 23.
Shirts, Dress. Liebert Weintraub & Simon Inc. 164,241; Feb. 13.
Shirts, Dress. C. R. Miller Mfg. Co. 176,146; Nov. 20; Serial No. 172,115; published Aug. 28, 1923.
Shirts, Dress. J. D. Silverstein & Sons, Inc. 175,862–3; Nov. 13; Serial Nos. 175,441–2; published Aug. 28, 1923.
Shirts, Dress and negligee. Dresswell Shirts, Inc. 164,776; Feb. 27.
Shirts, Dress and negligee. North Bros. & Co. 169,572; June 19.
Shirts, Dress and top. Apollo Shirt Company 176,454; Nov. 27; Serial No. 76,869; published Sept. 18, 1923.
Shirts, Dress and work. S. Menzin. 164,745; Feb. 27.
Shirts, Dress, negligee, and plaited. Robert Treat Shirt Manufacturing Co. 166,693; Apr. 10; Serial No. 166,584; published Jan. 2, 1923.
Shirts, Dress, negligee, and work. Tuxedo Shirt Co. 173,224; Sept. 18; Serial No. 173,944; published June 19, 1923.
Shirts for men. Shirtcraft Co. 176,920; Dec. 4.
Shirts for men, Outer, negligee, and work. Jacob Gerhardt & Company. 173,024; Sept. 11; Serial No. 172,670; published June 5, 1923.
Shirts for sports wear and athletic training, jackets, outer shirts, sweaters, etc., Heavy outer. Wright's Underwear Company. 165,208; May 15; Serial No. 156,424; published Jan. 30, 1923.
Shirts, jerseys, and sweaters, Athletic. Draper-Maynard Company. 175,070; Oct. 30; Serial No. 170,632; published Aug. 7, 1923.
Shirts, Men's. Fessenden Shirt Co. 173,961; Oct 2; Serial No. 171,491; published July 17, 1923.
Shirts, Men's. A. Goldstein. 177,581; Dec. 18.
Shirts, Men's. W. T. Grant Company. 176,255; Nov. 20; Serial No. 180,472; published Sept. 11, 1923.
Shirts, Men's. S. Kaplan. 172,155; Aug. 21.
Shirts, Men's. Milk & Kass. 175,361; Nov. 6; Serial No. 177,449; published Aug. 14, 1923.
Shirts, Men's. Oriole Shirt Manufacturing Corporation. 177,276; Dec. 11; Serial No. 183,160; published Sept. 25, 1923.
Shirts, Men's. Watts, Ritter and Company. 175,202; Oct. 30; Serial No. 175,116; published Aug. 7, 1923.
Shirts, Men's and boys'. H. Berger. 166,862; Apr. 17; Serial No. 163,566; published Jan. 9, 1923.
Shirts, Men's and boys', H. Berger. 174,844; Oct. 23; Serial No. 177,763; published July 31, 1923.
Shirts, Men's and boys' dress. Lanchester Shirt Co. Inc. 171,254; July 31; Serial No. 169,717; published May 8, 1923.
Shirts, Men's and boys' dress and negligee. Excello Shirt Co. . 170,068; July 10; Serial No. 165,363; published Jan. 30, 1923.
Shirts, Men's and boys' dress, negligee, and work. J. D. Silberstein & Sons, Inc. 168,328; May 22; Serial No. 165,566; published Nov. 7, 1922.
Shirts, Men's and boys' work. Reliance Manufacturing Company. 166,706; Apr. 10. Serial No. 167,268; published Jan. 9, 1923.
Shirts, Men's and boys' work. Rosenbaum Brothers. 168,072; May 15; Serial No. 160,901; published Aug. 29, 1922.
Shirts, Men's dress. Belcraft Shirt Company. 166,696; Apr. 10; Serial No. 166,872; published Jan. 2, 1923.
Shirts, Men's dress and negligee. M. Kolber. 175,735; Nov. 13; Serial No. 178,926; published Aug. 28, 1923.
Shirts, Men's dress and negligee. Liondale Shirt Co. 164,578; Feb. 20.
Shirts, Men's dress and negligee. Stetson Shirt Co. 177,411; Dec. 18; Serial No. 179,834; published Oct. 2, 1923.
Shirts, Men's dress, negligee, and work. I. H. Barnett & Brother. 174,380; Oct. 16; Serial No. 162,099; published Oct. 3, 1922.
Shirts, Men's dress, negligee, and work. Castle Garment Mfg. Co. 164,763; Feb. 27.
Shirts, Men's dress, negligee, and work. H. Trachtenberg. 171,732; Aug. 14; Serial No. 170,226; published May 22, 1923.
Shirts, Men's dress, work, and negligee. Usona Shirt Company. 163,638; Jan. 23.
Shirts, Men's outer. Sam Jaffe & Son. 164,555; Feb. 20.
Shirts, Men's outer. Yorke Shirt Company. 163,214; Jan. 2.
Shirts, Men's work. Reliance Manufacturing Company. 173,794; Oct. 2; Serial No. 174,753; published July 10, 1923.
Shirts, Men's work. J. D. Silberstein & Sons, Inc. 171,906; Aug. 14.
Shirts, Men's work. M. Wine & Sons. 163,573; Jan. 23.
Shirts, Men's work and dress. J. D. Silberstein & Sons, Inc. 164,796; Feb. 27.
Shirts, Men's, youths', and boys'. Levi Strauss & Co. 174,254; Oct. 9; Serial No. 153,477; published July 3, 1923.
Shirts, Neckbands for men's. C. W. Lifschitz. 169,300; June 12; Serial No. 166,627; published Mar. 20, 1923.
Shirts, Neckbands for men's. C. W. Lifschitz. 171,131; July 31; Serial No. 159,400; published May 8, 1923.
Shirts, neckties, hosiery, etc. J. M. Scott. 163,621; Jan. 23.
Shirts, neckwear, underwear, etc. Schuster Company. 175,455; Nov. 6; Serial No. 149,779; published Aug. 14, 1923.
Shirts, Negligee. Jackson & Gutman Company. 169,432; June 12.
Shirts, nightgowns, and pyjamas. Carleton Dry Goods Company. 174,585; Oct. 23; Serial No. 180,585; published July 24, 1923.
Shirts, nightshirts, and pyjamas. Marshall Field & Company. 164,551; Feb. 20.
Shirts, nightshirts, and pyjamas, Men's and boys'. Rauh Bros. & Co. 166,719; Apr. 10; Serial No. 164,009; published Dec. 12, 1923.
Shirts, nightshirts, and pyjamas, Men's dress and negligee. G. D. Grosner. 173,228; Sept. 18; Serial No. 173,419; published June 19, 1923.
Shirts, nightshirts. pyjamas, and boys' blouses. Phillips-Jones Corporation. 171,776; Aug. 14; Serial No. 173,145; published May 22, 1923.
Shirts, overalls, and men's trousers, Negligee and work. J. H. C. Petersen's Sons Company. 163,150; Jan. 2.
Shirts, overalls, garment supporters, Work and dress. Washington Manufacturing Co. 168,367; May 22; Serial No. 164,620; published Feb. 13, 1923.
Shirts, pyjamas, and underwear, Men's dress and negligee. Wilson Brothers. 171,242; July 31; Serial No. 170,320; published May 8, 1923.
Shirts, pyjamas, hosiery, etc. Southern California Dry Goods Company. 175,036; Oct. 30; Serial No. 178,634; published Aug. 7, 1923.
Shirts, pyjamas, nightgowns. Brownstein-Louis Co. 174,293; Oct. 9.
Shirts, pyjamas, nightshirts. Tauber, Lipton & Company. 173,921; Oct. 2; Serial No. 173,612; published July 10, 1923.
Shirts, pyjamas, nightshirts, underwear, etc. Lesser and Oppenheimer, Inc. 172,154; Aug. 21.
Shirts, pyjamas, underwear, etc. S. J. Koblenzer. 174,498; Oct. 16; Serial No. 179,153; published July 24, 1923.
Shirts, textile underwear, etc., Men's and boys'. Bob & Baskind. 170,334; July 10.
Shirts, trousers, and jackets, Women's. M. Phillips. 170,880; July 24; Serial No. 157,581; published Apr. 24, 1923.
Shirts, trousers, and overalls, Work. Blue Ridge Manufacturing Company. 177,595; Dec. 18.
Shirts, vests, pants, etc. Levi Strauss & Co. 175,589; Nov. 6; Serial No. 179,563; published Aug. 14, 1923.
Shirts, Women's. M. E. Smith & Co. 175,335; Nov. 6; Serial No. 173,986; published Aug. 14, 1923.
Shirts, Work. Carter Dry Goods Co. 171,887; Aug. 14; Serial No. 172,511; published May 22, 1923.
Shirts, Work. Jay Garment Company. 172,865; Sept. 11; Serial No. 172,839; published June 5, 1923.
Shirts, Work. Leonard, Morton & Co. 164,830; Feb. 27.
Shirts, Work. Louisville Furnishing Goods Co. 172,163; Aug. 21.
Shirts, Work. J. C. Penney Company. 164,833; Feb. 27.
Shirts, Work. A. M. Robinson Company. 168,542; May 29; Serial No. 158,155; published Oct. 17, 1922.
Shirts, Work. Western Shirt Company. 175,107; Oct. 30; Serial No. 177,156; published Aug. 7, 1923.
Shirts, Work and negligee. Wyman, Partridge & Co. 174,880; Oct. 23; Serial No. 181,550; published Aug. 7, 1923.
Shirts, Youths' dress, negligee, and work. Kaynee Company. 168,351; May 22. Serial No. 126,223; published Feb. 13, 1923.
Shoe counters, Fiber. Manning Fibre Products Company. 166,034; Mar. 27; Serial No. 167,407; published Nov. 7, 1922.
Shoe soles. Commonwealth Shoe and Leather Company. 163,922; Feb. 6.
Shoes. D. B. Abbott. 164,084; Feb. 13.
Shoes. J. M. Ahearn. 176,333; Nov. 20.
Shoes. T. D. Barry Company. 166,056–7; Mar. 27; Serial Nos. 168,193–4; published Jan. 2, 1923.
Shoes. Bradford Shoe Company. 166,055; Mar. 27; Serial No. 168,197; published Jan. 2, 1923.
Shoes. A. E. Brown Shoe Co. 172,256; Aug. 28; Serial No. 149,261; published Jan. 9, 1923.
Shoes. Brown Shoe Company. 166,098; Mar. 27; Serial No. 164,799; published Nov. 14, 1922.
Shoes. Brown Shoe Company. 176,970; Dec. 11; Serial No. 179,180; published Sept. 11, 1923.
Shoes. J. Berkowitz. 169,368; June 12; Serial No. 169,149; published Dec. 19, 1922.

Shoes. S. J. Brouwer Shoe Company. 171,715; Aug. 14; Serial No. 149,119; published Aug. 15, 1922.
Shoes. Cammeyer. 176,262–3; Nov. 20; Serial Nos. 178,327–8; published Aug. 28, 1923.
Shoes. Craddock-Terry Co. 176,274; Nov. 20; Serial No. 177,278; published Aug. 7, 1923.
Shoes. Curtis & Jones Company. 170,396; July 17; Serial No. 171,414; published Apr. 10, 1923.
Shoes. G. R. Davis. 171,650; Aug. 7.
Shoes. Fiebrich-Fox-Hilker Shoe Company. 170,021; July 10; Serial No. 173,480; published Apr. 3, 1923.
Shoes. Fiebrich-Fox-Hilker Shoe Company. 170,023; July 10; Serial No. 173,481; published Apr. 3, 1923.
Shoes. Garrod Shoe Co. 165,723; Mar. 20; Serial No. 168,763; published Dec. 19, 1922.
Shoes. L. E. Grossman, Inc. 171,837; Aug. 14; Serial No. 171,637; published May 8, 1923.
Shoes. Harrisburg Shoe Mfg. Co. 177,648; Dec. 25, Serial No. 174,390; published Sept. 18, 1923.
Shoes. Harper & Kirschten Shoe Co. 176,160; Nov. 20; Serial No. 168,527; published Aug. 7, 1923.
Shoes. J. P. Hartray Shoe Co. 164,251; Feb. 13.
Shoes. J. P. Hartray Shoe Co. 171,571; Aug. 7; Serial No. 173,491; published May 1, 1923.
Shoes. Hochschild, Kohn & Co. 169,421; June 12.
Shoes. J. L. Hudson Company. 173,637; Oct. 2; Serial No. 167,917; published June 12, 1923.
Shoes. Hurley Shoe Co. 170,940; July 24; Serial No. 168,844; published Apr. 24, 1923.
Shoes. Hutzler Brothers Co. 176,025; Nov. 13; Serial No. 177,848; published Aug. 28, 1923.
Shoes. Thomas Janney Company. 172,074; Aug. 21; Serial No. 175,903; published May 22, 1923..
Shoes. Jelly-Delaney Shoe Co. 168,078; May 15; Serial No. 156,330; published Feb. 27, 1923.
Shoes. London Shoe Co. 170,717; July 24; Serial No. 172,948; published Apr. 24, 1923.
Shoes. London Shoe Company. 176,334; Nov. 20.
Shoes. Lord & Taylor. 173,940; Oct. 2; Serial No. 176,486; published July 17, 1923.
Shoes. Majestic Shoe Company. 173,998; Oct. 2; Serial No. 176,412; published July 17, 1923.
Shoes. Melville Shoe Corporation. 170,095; July 10; Serial No. 169,406; published Apr. 10, 1923.
Shoes. Melville Shoe Corporation. 170,435; July 17; Serial No. 171,704; published Apr. 10, 1923.
Shoes. Melville Shoe Corporation. 171,770; Aug. 14; Serial No. 173,575; published May 8, 1923.
Shoes. Niagara Shoe Company. 174,113; Oct. 2; Serial No. 171,029; published July 3, 1923.
Shoes. Niagara Shoe Company. 176,362–3; Nov. 20.
Shoes. M. A. Packard Company. 169,384; June 12; Serial No. 171,865; published Mar. 20, 1923.
Shoes. A. E. Pitts Shoe Co. 172,929; Sept. 11; Serial No. 172,435; published June 5, 1923.
Shoes. A. E. Pitts Shoe Co. 172,815–16; Sept 11; Serial Nos. 172,437–8; published June 5, 1923.
Shoes. A. E. Pitts Co. 172,818; Sept. 11; Serial No. 172,436; published June 5, 1923.
Shoes. Portage Shoe Mfg. Company. 171,570; Aug. 7; Serial No. 173,530; published May 1, 1923.
Shoes. E. J. Ramsey. 166,965; Apr. 17.
Shoes. E. P. Reed & Co. 176,256; Nov. 20; Serial No. 180,554; published Sept. 14, 1923.
Shoes. E. P. Reed & Co. 176,258; Nov. 20; Serial No. 180,553; published Sept. 4, 1923.
Shoes. Rickard Shoe Company. 176,340; Nov. 20.
Shoes. Riley Shoe Manufacturing Co. 173,577; Sept. 25.
Shoes. Riley Shoe Manufacturing Company. 169,431; June 12.
Shoes. J. Roberts. 176,332; Nov. 20.
Shoes. H. C. Rosenberg. 169,744; June 26.
Shoes. Rubin Shoe Co. 168,369; May 22; Serial No. 164,515; published Feb. 27, 1923.
Shoes. Sachs Shoe Manufacturing Company. 172,276; Aug. 28; Serial No. 170,993; published May 29, 1923.
Shoes. Robt. J. Sadler Shoe Co. 174,006; Oct. 2; Serial No. 174,978; published July 17, 1923.
Shoes. Shaft Pierce Shoe Company. 169,735; June 26.
Shoes. Henry Sonneborn & Co. 163,175; Jan. 2.
Shoes. L. D. Stickles Shoe Co. 173,319; Sept. 25; Serial No. 173,449; published June 26, 1923.
Shoes. Strawbridge & Clothier. 166,197; Mar. 27; Serial No. 166,208; published Jan. 2, 1923.
Shoes. Thomson-Crooker Shoe Company. 172,282; Aug. 28; Serial No. 169,037; published Dec. 19, 1922.
Shoes. J. P. Twaddell. 24,264; renewed Feb. 20, 1924.
Shoes. Vaughan-Towle Co. 170,758; July 24; Serial No. 176,300; published Apr. 24, 1923.
Shoes. F. Werner. 164,060; Feb. 13.
Shoes. Whitehouse & Hardy, Inc. 163,262; Jan. 2.
Shoes. Whitehouse & Hardy, Inc. 164,019–20; Feb. 6.
Shoe and boot linings (cut out), uppers, rubber and leather heels and soles, and canvas shoes. Schoellkopf Co. 163,165; Jan. 2.
Shoes and boots, Leather. F. P. Kirkendall & Co. 169,377; June 12; Serial No. 170,488; published Mar. 20, 1923.
Shoes and boots, Leather. Stetson Shop. 171,699; Aug. 7.
Shoes and moccasins. G. H. Bass & Company. 171,704; Aug. 7.
Shoes and slippers. B-B Shoe Company. 169,383; June 12; Serial No. 171,891; published Mar. 20, 1923.
Shoes and slippers. Milady Shoe Company. 166,271; Mar. 27; Serial No. 168,979; published Jan. 2, 1923.
Shoes and slippers. C. E. Petot. 163,811; Jan. 30.
Shoes and slippers. Wichert, Inc. 176,822–3; Nov. 27.
Shoes and slippers, Felt. Little Falls Felt Shoe Company. 163,236; Jan. 2.
Shoes and storm rubbers, Leather. O. Fuhrman, Inc. 172,821; Sept. 11; Serial No. 170,741; published June 5, 1923.
Shoes, belts, and gloves, Leather. A. O. Trostel. 165,352; Mar. 6; Serial No. 169,100; published Nov. 7, 1922.
Shoes, boots, and slippers. Apel-Schneider Co. 169,372; June 12; Serial No. 169,667; published Mar. 6, 1923.
Shoes, boots, slippers, moccasins, etc. H. C. Kimbal. 165,296; Mar. 6; Serial No. 165,293; published Nov. 7, 1922.
Shoes, Children's. Henry M. Willets, Incorporated. 176,331; Nov. 20.
Shoes, Children's and women's. George W. Baker Shoe Company. 166,111; Mar. 27; Serial No. 150,655; published Dec. 5, 1922.
Shoes, Children's leather. Wood & Smith, Inc. 176,207; Nov. 20; Serial No. 179,077; published Aug. 28, 1923.
Shoes, Dress and sport. Whitehouse & Hardy, Inc. 170,428; July 17; Serial No. 171,972; published Apr. 10, 1923.
Shoes, Fabric. Samuels Shoe Company. 165,359; Mar. 6; Serial No. 167,272; published Dec. 5, 1922.
Shoes, insoles, and outer soles. Allen-Spiegel Shoe Mfg. Co. 170,399; July 17; Serial No. 171,519; published Apr. 10, 1923.
Shoes, Ladies'. Rich Shoe Company. 166,065; Mar. 27; Serial No. 168,127; published Nov. 14, 1922.
Shoes, Ladies' and misses' leather. Krippendorf-Dittmann Co. 164,561; Feb. 20.
Shoes, Leather. T. D. Barry Company. 170,410; July 17; Serial No. 173,460; published Apr. 3, 1923.
Shoes, Leather. C. C. Blake, Incorporated. 176,887; Dec. 4; Serial No. 181,877; published Sept. 11, 1923.
Shoes, Leather. Buckingham & Hecht. 171,659; Aug. 7.
Shoes, Leather. Cammeyer. 168,264; May 15; Serial No. 170,272; published Feb. 27, 1923.
Shoes, Leather. D. C. Clark. 173,562; Sept. 25.
Shoes, Leather. Geo. E. Coffin Shoe Co. 172,504; Aug. 28.
Shoes, Leather. Dugan & Hudson Co. 165,362; Mar. 6; Serial No. 166,816; published Dec. 5, 1922.
Shoes, Leather. Dugan & Hudson Co. 174,011; Oct. 2; Serial No. 175,599; published July 10, 1923.
Shoes, Leather. Edmonds Shoe Company. 170,540; July 17; Serial No. 174,514; published Apr. 17, 1923.
Shoes, Leather. Endicott-Johnson Corporation. 166,802; Apr. 17; Serial No. 168,520; published Jan. 9, 1923.
Shoes, Leather. Endicott Johnson Corporation. 172,948; Sept. 11; Serial No. 152,791; published June 5, 1923.
Shoes, Leather. Foundation Sales Corporation. 168,267; May 15; Serial No. 169,353; published Feb. 20, 1923.
Shoes, Leather. H. Helfand. 163,581; Jan. 23.
Shoes, Leather. International Development Company. 165,293; Mar. 6; Serial No. 166,001; published Nov. 14, 1922.
Shoes, Leather. International Shoe Company. 176,200; Nov. 20; Serial No. 179,471; published Aug. 14, 1923.
Shoes, Leather. James Shoe Mfg. Co. 163,096; Jan. 2.
Shoes, Leather. H. Johanson. 166,070; Mar. 27; Serial No. 159,968; published Dec. 26, 1922.
Shoes, Leather. H. M. Johnson Company. 169,371; June 12; Serial No. 169,485; published Mar. 20, 1923.
Shoes, Leather. Keehn Brothers. 164,240; Feb. 13.
Shoes, Leather. Lacost & Schwedler. 166,975; Apr. 17.
Shoes, Leather. London Shoe Co. 166,210; Mar. 27; Serial No. 169,170; published Jan. 2, 1923.
Shoes, Leather. F. Mayer Boot & Shoe Co. 169,376; June 12; Serial No. 170,206; published Mar. 6, 1923.
Shoes, Leather. John Meier Shoe Company. 170,875; July 24; Serial No. 158,722; published Apr. 24, 1923.
Shoes, Leather. Melanson Shoe Company. 170,625; July 17; Serial No. 175,259; published Apr. 17, 1923.
Shoes, Leather. Melville Shoe Corporation. 176,829; Dec. 4; Serial No. 182,000; published Sept. 18, 1923.
Shoes, Leather. Menihan Company. 170,874; July 24; Serial No. 158,787; published Apr. 24, 1923.
Shoes, Leather. Menihan Company. 172,298; Aug. 28; Serial No. 165,259; published Dec. 19, 1922.
Shoes, Leather. Menihan Company, The. 170,885; July 24; Serial No. 158,788; published Apr. 24, 1923.
Shoes, Leather. R. C. Milow Shoe Co. 172,100; Aug. 21; Serial No. 173,713; published May 22, 1923.
Shoes, Leather. Monumental Shoe Mfg. Co. 166,548; Apr. 10; Serial No. 133,743; published Feb. 15, 1921.
Shoes, Leather. Powell & Campbell. 166,967; Apr. 17.
Shoes, Leather. E. P. Reed & Co. 172,122; Aug. 21; Serial No. 175,164; published May 22, 1923.
Shoes, Leather. E. P. Reed & Co. 172,133; Aug. 21; Serial No. 174,527; published May 22, 1923.
Shoes, Leather. Rubin Shoe Co. 168,353; May 22; Serial No. 164,994; published Mar. 6, 1923.
Shoes, Leather. Turrell Shoe Co. 176,348; Nov. 20.
Shoes, Leather. Witchell-Sheill Company. 163,208; Jan. 2.
Shoes, Leather and cloth. Boyd-Welsh Shoe Company. 165,292; Mar. 6; Serial No. 166,280; published Nov. 14, 1922.

Classified list of trade-marks registered—Continued.

Shoes, Leather and fabric. L. L. Kann. 170,411; July 17; Serial No. 173,426; published Apr. 3, 1923.
Shoes made of leather. Lederer & Latz. 170,387; July 17; Serial No. 170,655; published Apr. 3, 1923.
Shoes, Misses', boys', and children's. Jordan Marsh Company. 166,083; Mar. 27; Serial No. 158,237; published Jan. 2, 1923.
Shoes, Nurses'. Morgan Shoe Company. 176,016; Nov. 13; Serial No. 176,801; published July 31, 1923.
Shoes of leather. Buckingham & Hecht. 166,857; Apr. 17; Serial No 164,020; published Jan. 9, 1923.
Shoes of leather, leather and fabric, and leather and rubber. Whitehouse & Hardy, Inc. 164,253; Feb. 13.
Shoes, oxfords, pumps and slippers, Welt and turn. Elkin Turn Shoe Company. 168,319; May 22; Serial No. 167,804; published Feb. 27, 1923.
Shoes, pants, sport clothes, etc. P. Goldsmith Sons Company. 176,359; Nov. 20.
Shoes, Rubber-soled canvas. North British Rubber Company. 23,666; renewed Oct. 3, 1923.
Shoes, rubbers, overshoes, etc. Richards & Brennan Co. 169,534; June 19; Serial No. 167,011; published Mar. 27, 1923.
Shoes, slippers, and cloth spats. Rubin Bros. Foot-Wear. 170,093; July 10; Serial No. 169,826; published Apr. 3, 1923.
Shoes, slippers, and cloth spats. Rubin Bros. Foot-Wear. 170,163; July 10; Serial No. 169,827; published Mar. 6, 1923.
Shoes, slippers, and spats. Rubin Brothers. 172,108; Aug. 21; Serial No. 172,559; published May 22, 1923.
Shoes, Women's. L. Bernstein. 166,829; Apr. 17; Serial No. 170,862; published Jan. 23, 1923.
Shoes, Women's. Craddock Terry Company. 170,728; July 24; Serial No. 171,906; published Apr. 24, 1923.
Shoes, Women's. C. S. Gibbon Co. 164,076; Feb. 13.
Shoes, Women's. C. S. Gibbon Co. 166,293; Mar. 27.
Shoes, Women's. Julius Grossman, Inc. 172,103; Aug. 21; Serial No. 173,490; published May 22, 1923.
Shoes, Women's and children's. Anderson-Owens Shoe Company. 171,698; Aug. 7.
Shoes, Women's leather. Vollman, Lawrence Co. 163,261; Jan. 2.
Skating sets, Boys'. R. H. Macy & Co. 171,783; Serial No. 172,844; Aug. 14; published May 23, 1923.
Skirts for girls, Outer. Hirshfield Skirt Co. 170,360; July 10.
Skirts, Outer. Florabelle Dressmakers, Inc. 173,960; Oct. 2; Serial No. 171,310; published July 17, 1923.
Skirts, petticoats, waists, etc., Women's. J. A. Migel, Inc. 164,926; Feb. 27.
Skirts, waists, etc., Women's outer and under. G. P. Van Lopik. 164,677; Feb. 27.
Slippers. Just Shoe Company. 163,963; Feb. 6.
Slippers. Lind Shoe and Slipper Company. 176,831; Dec. 4; Serial No. 181,642; published Sept. 18, 1923.
Slippers, Felt. H. Jacob & Sons, Inc. 163,094; Jan. 2.
Slippers, Felt. United States Rubber Company. 176,962; Dec. 11; Serial No. 177,753; published Sept. 18, 1923.
Slippers made wholly or in part of felt. Lucille Felt Slipper Co. 168,658; May 29; Serial No. 156,007; published Feb. 27, 1923.
Slippers of felt. C. A. Grosvenor. 165,421; Mar. 6; Serial No. 154,361; published Jan. 3, 1922.
Slippers, shoes, bootees, dresses, suits, etc. Bernhard Ulmann Co. 173,564; Sept. 25.
Socks for boots and shoes. Thormley and Booth Limited. 173,437; Sept. 25; Serial No. 174,643; published June 19, 1923.
Socks, stockings, and hosiery. Floradel Knitting Mills Inc. 176,491; Nov. 27; Serial No. 172,798; published Sept. 18, 923
Socks, Woolen hunting. C. Smith. 163,624; Jan. 23.
Soles and heels and boots and shoes, Slipper. T. Sarson. 167,679; May 8; Serial No. 147,684; published Feb. 6, 1923.
Soles and heels for footwear, Composition. A. Konoff. 170,005; July 10; Serial No. 156,835; published Apr. 11, 1922.
Soles of leather, Cut. Barbour Welting Company. 172,125; Aug. 21; Serial No. 175,054; published May 22, 1923.
Sport clothes for women. Del Monte-Hickey. 175,334; Nov. 6; Serial No. 174,202; published July 10, 1923.
Sport goods. Spa Knitting Co. 175,152; Oct. 30; Serial No. 180,816; published Aug. 7, 1923.
Stocking protectors for the knees. Baker-Lockwood Mfg. Co. 165,515; Mar. 13; Serial No. 163,498; published Dec. 19, 1922.
Stockings. Brooklyn Hosiery Mills, Inc. 171,740; Aug. 14; Serial No. 169,573; published May 22, 1923.
Stockings. Julius Kayser & Co. 164,142; Feb. 13.
Stockings. O'Callaghan & Fedden, Inc. 173,581; Sept. 25.
Stockings. O. Osborne. 164,215; Feb. 13.
Stockings and hosiery, Women's and girls'. Campe-Davis-Blair Co. 173,259; Sept. 18; Serial No. 175,462; published June 12, 1923.
Stockings and socks. John M. Haley & Co. 175,926; Nov. 13; Serial No. 179,938; published Aug. 28, 1923.
Stockings, Boys'. D. Salwen & Co. 173,032; Sept. 11; Serial No. 174,338; published June 5, 1923.
Stockings, Children's. Johnson City Mills. 163,589; Jan. 23.
Storm protecting covering. Ombrelo, Inc. 168,162; May 15; Serial No. 165,757; published Feb. 6, 1923.
Storm-protective covering. Ombrelo, Inc. 176,088; Nov. 13.
Suits. S. Goodman. 173,320; Sept. 25; Serial No. 173,416; published June 26, 1923.
Suits. Rosenwald & Weil, Inc. 169,704; June 26.
Suits. Strawbridge & Clothier. 175,545; Nov. 6; Serial No. 180,151; published Aug. 28, 1923.
Suits and blouses, Boys' outer wash. W. C. Weiller. 163,644; Jan. 23.
Suits and blouses, Children's. Samuel Bernstein & Sons. 166,640; Apr. 10; Serial No. 166,164; published Dec. 12, 1922.
Suits and coats, Boys'. L. Abelson & Son. 175,213; Oct. 30.
Suits and coats for boys, dresses, rompers, and creepers for children. N. N. Greenberg. 166,643; Apr. 10; Serial No. 165,789; published Jan. 9, 1923.
Suits and coats, Ladies'. Cohen, Friedlander & Martin Co. 166,598; Apr. 10; Serial No. 152,003; published Jan. 2, 1923.
Suits and coats, Ladies' sport. Parker-Bridget Company. 171,138; July 31; Serial No. 159,720; published May 1, 1923.
Suits and coats, Men's and young men's. Lob, Hubbart & Silverman. 168,079; May 15; Serial No. 153,559; published May 23, 1922.
Suits and coats, Men's, boys', and children's. Mark Brothers. 166,601; Apr. 10; Serial No. 150,365; published Jan. 9, 1923.
Suits and coats, Women's. Saks & Company. 164,932; Feb. 27.
Suits and dresses, Children's. M. C. Bragonier. 165,960; Mar. 27; Serial No. 155,336; published Jan. 2, 1923.
Suits and girls' dresses, Boys'. B. Rubinsky. 176,128; Nov. 20; Serial No. 174,262; published Sept. 11, 1923.
Suits and hosiery, Union. West Branch Knitting Company. 172,022; Aug. 21; Serial No. 170,455; published June 5, 1923.
Suits and overcoats. Scholderer & Aug, Inc. 173,791; Oct. 2; Serial No. 174,979; published July 10, 1923.
Suits and overcoats, Men's. Marion, Anderson Co. 167,981; May 8.
Suits and overcoats, Men's. T. Schubb. 176,103; Nov. 13.
Suits and overcoats, Men's. L. Shapiro. 174,257; Oct. 9; Serial No. 177,626; published July 10, 1923.
Suits and overcoats, Men's. Southern Clothing Company. 166,686; Apr. 10; Serial No. 167,026; published Jan. 9, 1923.
Suits and overcoats, Men's and boys'. M. Owens. 168,174; May 15; Serial No. 168,547; published Feb. 6, 1923.
Suits and overcoats, Men's and boys'. The Fair. 171,202; July 31; Serial No. 152,124; published May 1, 1923.
Suits and overcoats, Men's and boys' ready made. Daube, Rosenthal & Co. 163,655; Jan. 23.
Suits and overcoats, Men's and young men's. M. Cohn. 166,669; Apr. 10; Serial No. 165,349; published Dec. 19, 1922.
Suits and overcoats, Men's ready-made. L. Shapiro. 170,142; July 10; Serial No. 163,117; published Apr. 3, 1923.
Suits and overcoats, Men's ready-made. L. Shapiro. 174,272; Oct. 9; Serial No. 177,627; published July 10, 1923.
Suits and overcoats, Men's, youths', and boys'. Sanger Brothers, Inc. 166,863; Apr. 17; Serial No. 163,293; published Oct. 24, 1922.
Suits and overcoats, Young men's. Philipsborn's, Inc. 175,203; Oct. 30; Serial No. 175,155; published Aug. 7, 1923.
Suits and topcoats. Bestmake Boys Clothing Co. 173,332; Sept. 25; Serial No. 171,199; published June 19, 1922.
Suits and topcoats, Boys'. Kids Nobby Klothes, Inc. 168,551; May 29; Serial No. 160,067; published Feb. 27, 1923.
Suits and topcoats, Men's and young men's. Mintz & Friedman. 171,259; July 31; Serial No. 169,455; published May 1, 1923.
Suits and topcoats, Men's and young men's. Stern Clothing Co. 171,316; Apr. 7; Serial No. 167,851; published May 1, 1923.
Suits and topcoats, Men's, youths', and boys'. Klover Klothing Kompany. 164,243; Feb. 13.
Suits and wash suits and boys' knickerbockers, blouses, and shirts, Children's play. J. H. C. Petersen's Sons Company. 166,597; Apr. 10; Serial No. 153,367; published Jan. 2, 1923.
Suits, Athletic union. Catamount Manufacturing Co. 175,359; Nov. 6; Serial No. 177,831; published Aug. 14, 1923.
Suits, Boys'. Crippen & Reid. 177,549; Dec. 18; Serial No. 183,198; published Oct. 9, 1923.
Suits, Boys'. Levine Brothers. 163,109–10; Jan. 2.
Suits, Boys'. Parker-Bridget Company. 173,811; Oct. 2; Serial No. 171,508; published July 10, 1923.
Suits, Boys'. J. Warshauer. 166,636; Apr. 10; Serial No. 168,185; published Jan. 9, 1923.

Suits, Boys' camp. Samuel D. Karp, Inc. 169,291; June 12; Serial No. 164,501; published Mar. 20, 1923.
Suits, Boys' sailor. Alexander Linsk & Company. 171,130; July 31; Serial No. 159,157; published May 8, 1923.
Suits, Boys' wash. L. Isaacson & Son. 163,233; Jan. 2.
Suits, Children's. W. Hecht. 169,150; June 12; Serial No. 162,816; published Mar. 27, 1923.
Suits, Children's overall play. Maryland Company. 168,084; May 15; Serial No. 129,239; published June 1, 1920.
Suits, Children's play. Buxton Garment Mfg. Co. 168,144; May 15; Serial No. 170,002; published Jan. 30, 1923.
Suits, Children's wash and play. Young Folks M'f'g. Co. 177,024; Dec. 11; Serial No. 164,528; published June 19, 1923.
Suits, cloaks, overcoats, hats, caps, shoes, etc. Chas. V. Parker Co. 171,716; Aug. 14; Serial No. 148,549; published May 8, 1923..
Suits, coats, and dresses, Ladies'. N. Brody & Co. 169,177; June 12; Serial No. 169,527; published Mar. 20, 1923.
Suits, coats, and pants, Boys'. Samuel Spitz & Sons, Inc. 166,287–8; Mar. 27.
Suits, coats, and pants, ladies' skirts, suits and coats, Men's. Lorraine Manufacturing Company. 169,719; June 26.
Suits, coats, and shoes, women's and children's dresses and waists. R. H. White Company. 169,714; June 26.
Suits, coats, dresses, etc., Ladies'. I. Goldman. 174,547; Oct. 16.
Suits, coats, dresses, furs, etc., Ladies' and misses'. Cincinnati Cloak & Suit Company. 171,246; July 31; Serial No. 169,948; published May 8, 1923.
Suits, coats, dresses, skirts, and waists, Ladies'. M. E. Darrish. 168,188; May 15; Serial No. 168,959; published Jan. 30, 1923.
Suits, coats, gowns, etc., Ladies'. Hudson Cloak & Suit Store. 174,309; Oct. 9.
Suits, coats, trousers, etc., Men's. National Shirt Shops, Inc. 173,764; Oct. 2; Serial No. 177,194; published July 10, 1923.
Suits, dresses, coats, and men's coats, sweaters, etc., Ladies' and children's. Amherst Knitting Mills Inc. 171,909–10; Aug. 14.
Suits, dusters, coats, and caps, etc. Lorraine Manufacturing Company. 176,799; Nov. 27.
Suits for children, One-piece. S & S Shirt Company. 168,988; May 29.
Suits for men and boys, Outer. J. Jamison. 173,027; Sept. 11; Serial No. 172,335; published June 5, 1923.
Suits, jackets, raincoats, etc. J. David. 173,792; Oct. 2; Serial No. 174,894; published July 10, 1923.
Suits, knickerbockers, and topcoats, Boys', students', young men's, and men's. Lazarus, Goldberg & Friedman, Inc. 171,855; Aug. 14; Serial No. 170,775; published May 22, 1923.
Suits, knickerbockers, coats, and caps for children, Combination outer. Zeno Company. 175,087; Oct. 30; Serial No. 180,257; published Aug. 14, 1923.
Suits, Men's. Levine Brothers. 163,111; Jan. 2.
Suits, Men's. Levine Brothers. 169,433; June 12.
Suits, Men's. R. H. Macy & Co. 164,749; Feb. 27.
Suits, Men's. Weber & Heilbroner. 176,241; Nov. 20; Serial No. 182,690; published Sept. 4, 1923.
Suits, Men's and young men's. J. L. Hudson Co. 173,979; Oct. 2; Serial No. 171,846; published July 17, 1923.
Suits, Men's and young men's. Leitchfield Clothing Co. 169,315; June 12; Serial No. 169,639; published Mar. 20, 1923.
Suits, Men's and young men's serge. B. Mandel's Sons. 169,172; June 12; Serial No. 168,539; published Mar. 20, 1923.
Suits, Men's mohair. American Summer Clo Co. 172,605; Sept. 11; Serial No. 170,553; published June 5, 1923.
Suits of washable materials, Children's. M. E. Smith & Co. 168,067; May 15; Serial No. 164,835; published Nov. 28, 1922.
Suits, overcoats, and hats, Men's and boys'. L. Klein, Inc. 174,987; Oct. 30; Serial No. 174,309; published July 17, 1923.
Suits, overcoats, and trousers, Men's. Finsterwald Clothing Co. 168,069; May 15; Serial No. 163,790; published Oct. 31, 1922.
Suits, overcoats, etc., Men's. Chester Clothes, Inc. 168,215; May 15; Serial No. 138,002; published Feb. 6, 1923.
Suits, overcoats, nightshirts, shirts, etc., Boys'. A. Letts. Serial No. 171,723; Aug. 14; Serial No. 111,114; published May 15, 1923.
Suits, overcoats, skeepskin coats, pants, etc. I. I. Marrus. 176,449; Nov. 27; Serial No. 177,310; published Sept. 18, 1923.
Suits, overcoats, top coats, etc. Hickey-Freeman Company. 163,831; Jan. 30.
Suits, overcoats, trousers, and overalls, Men's. Smith Bros. Manufacturing Company. 164,146; Feb. 13.
Suits, overcoats, vests, trousers, Men's and boys'. S. & B. Summer Clothing Co. 171,844; Aug. 14; Serial No. 171,189; published May 15, 1923.
Suits, rompers, and blouses, Boys' wash. M. Tartikoff. 164,221; Feb. 13.
Suits, sport suits, overcoats, sweaters, etc., Men's, boys', women's, and girls'. S. W. Magnus & Co. 164,592; Feb. 20.
Suits, sweaters, sport vests and coats, caps, and mufflers. Kling Bros. & Co. Inc. 169,283; June 12; Serial No. 159,209; published Mar. 20, 1923.
Suits, topcoats, and ulsters, Men's. H. H. Cooper & Co. 174,270; Oct. 9; Serial No. 174,560; published July 10, 1923.
Suits, Women's. L. Bamberger & Co. 176,112; Nov. 20; Serial No. 160,483; published Sept. 11, 1923.
Suits, Women's and misses' knickerbocker sport. Strawbridge & Clothier. 164,223; Feb. 13.
Suits, Women's bathing. Saks & Company. 167,863; May 8; Serial No. 152,106; published Mar. 28, 1922.
Supporters, Garment. R. J. Watts. 168,206; May 15; Serial No. 160,841; published Feb. 6, 1923.
Suspenders. A. Stein & Company. 169,385; June 12; Serial No. 172,129; published Mar. 20, 1923.
Suspenders and belts. American Wholesale Corporation (Baltimore Bargain House). 169,731; June 26.
Suspenders and belts. American Wholesale Corporation (Baltimore Bargain House). 176,941; Dec. 4.
Suspenders, belts, and garters. H. Englander. 166,295; Mar. 27.
Suspenders, belts, and garters. I. Welchsler. 172,043; Aug. 21; Serial No. 157,704; published May 22, 1923.
Sweatbands. Harris & Tipograph, Inc. 165,234; Mar. 6.
Sweater coats. Cadet Knitting Company. 174,586; Oct. 23; Serial No. 180,417; published July 24, 1923.
Sweater coats. Cadet Knitting Company. 176,249; Nov. 20; Serial No. 180,652; published Sept. 4, 1923.
Sweater coats. Waymart Knitting Mill. 173,679; Oct. 2; Serial No. 178,199; published July 10, 1923.
Sweater coats, jerseys, jersey coats, bathing suits, etc. S. Augstein & Co. 168,792; May 29; Serial No. 134,741; published Feb. 8, 1921.
Sweater coats, knitted caps, woolen hosiery, etc. Hercules Knitting Co. 177,410; Dec. 18; Serial No. 180,120; published Oct. 2, 1923.
Sweaters. Ely & Walker Dry Goods Company. 173,697; Oct 2; Serial No. 177,284; published June 19, 1923.
Sweaters. J. S. Fleischer. 169,706; June 26.
Sweaters. Largeman Brothers, Inc. 172,172; Aug. 21.
Sweaters. Manhattan Knitting Mills, Inc. 173,263; Sept. 18; Scrial No. 175,431; published June 12, 1923.
Sweaters. Benjamin Moseley Co. 166,618; Apr. 10; Serial No. 169,220; published Jan. 9, 1923.
Sweaters. Neuman & Silver. 176,760; Nov. 27; Serial No. 175,511; published Aug. 2, 1923.
Sweaters. Peerless Knitting Co. 168,293; May 15.
Sweaters. Quaker City Sweater Mills. 176,116; Nov. 20; Serial No. 163,649; published Aug. 28, 1923.
Sweaters. Quaker City Sweater Mills. 176,117; Nov. 20; Serial No. 163,647; published Aug. 28, 1923.
Sweaters and bathing suits. C. Franklin. 177,321; Dec. 18; Serial No. 180,117; published Oct. 2, 1923.
Sweaters and dress skirts, Knitted. Knitwear Manufacturing Co. 174,252; Oct. 9; Serial No. 157.431; published July 3, 1923.
Sweaters and sport coats. J. H. Cohen. 173,487; Sept. 25; Serial No. 175,851; published June 19, 1923.
Sweaters and sweater coats. Rex Knitting Co. 173,651; Oct. 2; Serial No. 176,570; published June 19, 1923.
Sweaters, bathing suits, and scarfs, tams, etc. Leo Brown Co. 164,742; Feb. 27.
Sweaters, bathing suits, mufflers, etc. Wonder-Knit Mills. 177,259; Dec. 11; Serial No. 183,810; published Sept. 25, 1923.
Sweaters, bathing suits, scarfs, caps, etc., Knitted. Standard Knitting Mills. 176,468; Nov. 27; Serial No. 181,424; published Sept. 18, 1923.
Sweaters, bathing suits, shawls, scarfs, and jersey knit cloth coats. Rubinstein Brothers. 164,234; Feb. 13.
Sweaters, Boys' and men's. Greater Manhattan Knitting Mills, Inc. 175,969; Nov. 13; Serial No. 162,545; published Sept. 4, 1923.
Sweaters, cardigan jackets, bathing suits. Appel-Hall. 177,576; Dec. 18; Serial No. 184,054; published Oct. 9, 1923.
Sweaters, dresses, bathing suits, mufflers, knitted gloves, stockings, etc. Mengart Knitting Mills. 173,399; Sept. 25; Serial No. 175,149; published June 26, 1923.
Sweaters, dresses, scarfs. William A. Leib Co. 175,114; Oct. 30; Serial No. 176,744; published Aug. 14, 1923.
Sweaters, Knit. D. Starr. 172,281; Aug. 28; Serial No. 169,141; published May 29, 1923.
Sweaters, rib sport coats, bathing suits, etc. James W. Brine Company. 175.586; Nov. 6; Serial No. 178,708; published Aug. 14, 1923.
Sweaters, sacks, bootees, caps, etc., Infants' and children's. S. Kaufman. 163,846; Jan. 30.
Sweaters, scarfs, knitted suits, dresses, etc. Gotham Knitting Mills. 171,775; Aug. 14; Serial No. 173,233; published May 22, 1923.
Sweaters, scarfs, outer shirts and vests, shawls, etc. F. E. Strohmeier. 168,616; May 29; Serial No. 169,092; published Feb. 13, 1923.
Sweaters, shirts for men, ladies' waists, blouses, and sport shirts. Porter Brothers, Inc. 164,225; Feb. 13.

Classified list of trade-marks registered—Continued.

Sweaters, sport coats, knitted toques, etc., Knitted. Meyer-Wise & Kaichen Company. 175,765; Nov. 13; Serial No. 177,045; published Aug. 28, 1923.
Sweaters, sport coats, bathing suits, and jerseys. Alps Manufacturing Co. 164,872; Feb. 27.
Sweaters, sport coats, summer suits, and coats, trousers, etc. Kling Bros & Co. 164,791; Feb. 27.
Sweaters, sweater coats, and bathing suits. Stanley W. Blum Company. 163,025; Jan. 2.
Ties and cravats. Friedman Bros. & Sons Neckwear Co. 175,854; Nov. 13; Serial No. 176,402; published Aug. 21, 1923.
Ties and cravats. Friedman Bros. & Sons Neckwear Co. 176,473; Nov. 27; Serial No. 181,271; published Sept. 18, 1923.
Ties, cravats. Friedman Bros. & Sons Neckwear Co. 175,023; Oct. 30; Serial No. 177,290; published Aug. 7, 1923.
Ties, cravats. Friedman Bros. & Sons Neckwear Co. 177,550; Dec. 18; Serial No. 183,144 published Oct. 9, 1923.
Ties, Men's. Holland Knitting Co. 177,618; Dec. 25; Serial No. 182,586; published Sept. 4, 1923.
Tonic for leather shoes. L. and J. P. Davis, executors. 163,226; Jan. 2.
Trousers. American Trouser Co. 164,863; Feb. 27.
Trousers. Polo Manufacturing Company. 175,468; Nov. 6; Serial No. 182,113; published Aug. 28, 1923.
Trousers. Shull-Day Company. 171,901; Aug. 14.
Trousers. Standard Manufacturing Company. 172,048; Aug. 21; Serial No. 154,335; published May 22, 1923.
Trousers and pants. Penn Trouser Co. 176,821; Nov. 27.
Trousers, Men's. Bennett, Wold and Company. 165,336; Mar. 6; Serial No. 162,330; published Nov. 14, 1922.
Trousers, Men's. Hollander-Lewis Co. 175,939; Nov. 13; Serial No. 174,447; published Aug. 21, 1923.
Trousers, overalls, shirts. Lee Brothers Company. 175,000; Oct. 30; Serial No. 172,603; published Aug. 7, 1923.
Trousers, overalls, shirts, etc. New Castle Notion Company. 177,382; Dec. 18; Serial No. 181,905; published Oct. 2, 1923.
Undergarment, Combination. Gem Undergarment Co. 166,629; Apr. 10; Serial No. 168,467; published Dec. 19, 1922.
Undergarments. Jacob Miller's Sons Co. 173,821; Oct. 2; Serial No. 172,004; published July 3, 1923.
Undergarments, Children's. Kaynee Company. 168,788; May 29; Serial No. 126,220; published Feb. 13, 1923.
Undergarments, Children's. The Fair. 172,402; Aug. 28; Serial No. 164,882; published Oct. 31, 1922.
Undergarments for women and children, Combination. La Resista Corset Company. 165,339; Mar. 6; Serial No. 162,997; published Nov. 7, 1922.
Undergarments for women and children, Silk. Lande & Miskend. 166,729; Apr. 10; Serial No. 169,364; published Jan. 23, 1923.
Undergarments, house and lounging robes, pyjamas. F. F. Muller. 169,397; June 12; Serial No. 163,281; published Mar. 6, 1923.
Undergarments of textile fabric. A. Stein & Company. 168,157; May 15; Serial No. 165,218; published Jan. 30, 1923.
Undergarments, Ladies'. Bu-Ti-Maid Petticoat & Pettipants Co. 166,620; Apr. 10; Serial No. 169,051; published Jan. 2, 1923.
Undergarments, Women's. H. B. Hoffman. 173,864; Oct. 2; Serial No. 175,195; published July 10, 1923.
Undergarments, Women's cotton. A. Gussow. 175,320–1; Nov. 6; Serial Nos. 180,928–9; published Aug. 14, 1923.
Undergarments, Women's fitted. Warner Brothers Company. 171,872; Aug. 14; Serial No. 174,046; published May 8, 1923.
Undergarments, Woven silk. Hughes & Bradley Co. 177,565; Dec. 18; Serial No. 175,450; published Oct. 2, 1923.
Undershirts, underdrawers, and union suits for men. John K. Stewart & Sons. 174,847; Oct. 23; Serial No. 177,633; published Aug. 7, 1923.
Undershirts, underdrawers, and union suits. Tryon Mills of Vermont. 176,583; Nov. 27; Serial No. 177,930; published Aug. 14, 1923.
Undershirts, underdrawers, and union suits, Men's. Tryon Mills of Vermont. 174,846; Oct. 23; Serial No. 177,636; published Aug. 7, 1923.
Underwaist, Child's. E. S. Gudeli. 164,806; Feb. 27.
Underwear. Burnham-Munger-Root Dry Goods Co. 175,231; Oct. 30.
Underwear. Marble Mills, Inc. 175,929; Nov. 13; Serial No. 179,874; published Aug. 28, 1923.
Underwear. Salt's Textile Manufacturing Company. 172,857; Sept. 11; Serial No. 168,380; published June 5, 1923.
Underwear. Tissuepkt Underwear Company. 174,546; Oct. 16.
Underwear. Vanity Fair Silk Mills. 166,728; Apr. 10; Serial No. 159,329; published Dec. 12, 1922.
Underwear. Walker Stetson Company. 166,692; Apr. 10; Serial No. 166,421; published Jan. 9, 1923.
Underwear. Wyman, Partridge & Co. 173,656; Oct. 2; Serial No. 176,307; published June 19, 1923.
Underwear and gloves. Walker Stetson Company. 170,332; July 10.
Underwear and hosiery. Munsingwear Corporation. 169,038; June 5; Serial No. 175,508; published Apr. 3, 1923.
Underwear and hosiery. Orent's Department Store, Inc. 175,761; Nov. 13; Serial No. 171,136; published Aug. 28, 1923.
Underwear and hosiery. P. Raguet Fils & J. Vignes. 174,713–4; Oct. 23; Serial Nos. 172,957–8; published May 22, 1923.
Underwear and pyjamas, shirts, etc. Excelsior Underwear Co. 173,326; Sept. 25; Serial No. 171,910; published July 3, 1923.
Underwear and sleeping suits, Misses' and children's knitted. Everett Knitting Works. 174,324; Oct. 16; Serial No. 177,904; published July 17, 1923.
Underwear and sweaters, Knitted and nainsook. O. L. Stanard Dry Goods Co. 175,782; Nov. 13; Serial No. 178,412; published Aug. 28, 1923.
Underwear and women's bloomers, Men's and women's. Charles E. Shedaker & Sons. 175,047; Oct. 30; Serial No. 179,627; published Aug. 14, 1923.
Underwear, Athletic and knitted. Riteweb Manufacturing Company. 173,371; Sept. 25; Serial No. 178,286; published July 10, 1923.
Underwear, Athletic and knitted. Riteweb Manufacturing Company. 173,373; Sept. 25; Serial No. 178,285; published July 10, 1923.
Underwear, brassières, bloomers, petticoats, etc. N. Wiener. 175,104; Oct. 30; Serial No. 179,694; published Aug. 14, 1923.
Underwear, camisoles, brassières, chemises, etc. Z. Samuels. 163,394; Jan. 9.
Underwear, Children's. Waterville Textile Mills, Inc. 170,073; July 10; Serial No. 166,210; published Dec. 12, 1922.
Underwear, Children's knit. J. H. Semel & Co. 170,145; July 10; Serial No. 163,653; published Apr. 10, 1923.
Underwear, footwear, neckwear, shirts, Men's and boys'. Saks & Company. 177,095; Dec. 11; Serial No. 172,444; published Sept. 11, 1923.
Underwear for men and boys, Knitted fabric. Standard Knitting Mills. 166,687; Apr. 10; Serial No. 167,056; published Jan. 9, 1923.
Underwear for women and girls. R. S. Philips. 173,436; Sept. 25; Serial No. 174,750; published June 26, 1923.
Underwear, hosiery, and sweaters. J. B. Hirshfeld. 174,264; Oct. 9; Serial No. 176,184; published July 17, 1923.
Underwear, hosiery, sweaters, etc. Levi & Seligman, Inc. 168,005; May 8.
Underwear, Knitted and textile. Manny-Rielly Co. 175,767; Nov. 13; Serial No. 177,135; published Aug. 28, 1923.
Underwear, Ladies' and children's. James A. Hearn & Son, Inc. 168,198; May 15; Serial No. 165,993; published Jan. 30, 1923.
Underwear, Ladies' and girls' knit. Reading Underwear Co. 176,607; Nov. 27; Serial No. 179,554; published Sept. 18, 1923.
Underwear, Ladies' and misses'. Philipsborn's, Inc. 169,092; June 5.
Underwear, Ladies' and misses' silk and cotton. J. Garfinkle. 175,068; Oct. 30; Serial No. 170,814; published Aug. 7, 1923.
Underwear, Ladies' cotton knit. J. L. Miller. 173,942; Oct. 2; Serial No. 179,946; published July 17, 1923.
Underwear, Ladies' silk. Vanity Fair Silk Mills. 171,198; July 31; Serial No. 147,649; published May 8, 1923.
Underwear made of textile fabrics, Ladies'. N. Bregstein. 173,211; Sept. 18; Serial No. 171,250; published June 12, 1923.
Underwear, Men's. Abraham & Straus, Inc. 175,945; Nov. 13; Serial No. 172,815; published Aug. 28, 1923.
Underwear, Men's. C. M. Walker. 176,761; Nov. 27; Serial No. 175,446; published Sept. 11, 1923.
Underwear, Men's and boys'. Standard Knitting Mills. 166,708–9; Apr. 10; Serial Nos. 167,057–8; published Jan. 9, 1923.
Underwear, Men's and women's. Waterville Textile Mills, Inc. 165,302; Mar. 6; Serial No. 163,486; published Nov. 14, 1922.
Underwear, Men's athletic. Embassy Manufacturing Corporation. 167,791; May 8; Serial No. 165,488; published Feb. 6, 1923.
Underwear, Men's athletic. Nantex Mfg. Co. 166,699; Apr. 10; Serial No. 168,687; published Jan. 23, 1923.
Underwear, Men's athletic. Nantex Mfg. Co. 167,898; May 8; Serial No. 168,686; published Feb. 6, 1923.
Underwear, Muslin and silk. Harris & Barnett. 166,625; Apr. 10; Serial No. 168,642; published Jan. 23, 1923.
Underwear, Nainsook athletic. M. P. Tully. 171,291; Aug. 7; Serial No. 166,542; published May 8, 1923.
Underwear of knit and woven fabric for men. Scheinzeit-Goldman Co. 166,724; Apr. 10; Serial No. 160,567; published Dec. 12, 1922.
Underwear of knitted and textile fabric for females. Martha Maid Manufacturing Company. 174,331; Oct. 16; Serial No. 178,084; published July 17, 1923.
Underwear of textile fabric. H. H. Hess. 165,303; Mar. 6; Serial No. 163,396; published Nov. 7, 1922.

Underwear of textile fabric. Salt's Textile Manufacturing Company. 172,842; Sept. 11; Serial No. 168,376; published June 5, 1923.
Underwear of textile fabric. Salt's Textile Manufacturing Company. 172,856; Sept. 11; Serial No. 168,379; published June 5, 1923.
Underwear of textile fabric, Children's. Carson Pirie Scott & Co. 166,721; Apr. 10; Serial No. 161,807; published Jan. 2, 1923.
Underwear of textile fabric for women. Sterling Underwear Company. 176,260; Nov. 20; Serial No. 180,561; published Sept. 11, 1923.
Underwear of textile fabric, Women's. D. J. Healy. 164,986; Feb. 27.
Underwear of woven and knitted fabrics. The B. V. D. Company. 163,555; Jan. 23.
Underwear, shirts, and blouses, Men's, youths', and boys' textile. Sweetser & Son. 165,584; Mar. 13; Serial No. 163,118; published Dec. 12, 1922.
Underwear, sport hats, hosiery, etc., Ladies'. William M. Grant & Son. 170,123; July 10; Serial No. 164,104; published Oct. 10, 1922.
Underwear, sweaters, and bathing suits, Knitted. American Wholesale Corporation (Baltimore Bargain House). 173,023; Sept. 11; Serial No. 172,817; published June 5, 1923.
Underwear, sweaters, dresses, etc. Cohen Brothers Manufacturing Co. 164,797; Feb. 27.
Underwear, sweaters, hosiery, caps, etc., Knitted. Frank & Company. 175,143; Oct. 30; Serial No. 180,334; published Aug. 14, 1923.
Underwear, Textile-fabric. American Lady Corset Co. 176,885; Dec. 4; Serial No. 151,999; published Apr. 11, 1922.
Underwear union suit. C. G. Wright. 177,378; Dec. 18; Serial No. 181,097; published Oct. 2, 1923.
Underwear, Women's. Marshall Field & Company. 177,392; Dec. 18; Serial No. 181,267; published Oct. 2, 1923.
Underwear, Women's. Van Raalte Company. 175,598; Nov. 6; Serial No. 179,020; published Aug. 14, 1923.
Underwear, Women's and children's textile. Ida Munzer, Inc. 174,795; Oct. 23; Serial No. 174,586; published July 24, 1923.
Underwear, Women's and misses'. Barrow Mfg. Co. 169,093; June 5.
Underwear, Women's muslin. Gutman Bros. 175,861; Nov. 13; Serial No. 175,489; published Aug. 28, 1923.
Underwear, wrappers, and bands, Infants' knitted. Everett Knitting Works. 174,325; Oct. 16; Serial No. 177,903; published July 17, 1923.
Uniforms. C. D. Randles. 173,974; Oct. 2; Serial No. 158,895; published July 17, 1923.
Uniforms. Utica Uniform Company. 164,751; Feb. 27.
Uniforms, caps, and aprons, men's and boys' shirts, etc., Nurses' and maids'. B. B. & R. Knight, Inc. 174,998; Oct. 30; Serial No. 172,682; published Aug. 7, 1923.
Union and combination suits, undershirts, underdrawers. Superior Athletic Underwear Company. 174,269; Oct. 9; Serial No. 174,642; published July 10, 1923.
Union suits for men and boys, Athletic. Cooper Coate & Casey Dry Goods Co. 163,559; Jan. 23.
Union suits, vests, and pants, Ladies.' Textile Manufacturing Co. 167,831; May 8; Serial No. 169,937; published Feb. 13, 1923.
Vests, bloomers, knickerbockers, etc. Vanity Fair Silk Mills. 175,353; Nov. 6; Serial No. 167,109; published Aug. 14, 1923.
Vests, coats, trousers, and overcoats. Goodlow Corporation. 169,425; June 12.
Vests for men. Reiffman-Corn Inc. 174,842; Oct. 23; Serial No. 177,801; published July 31, 1923.
Waistbands. See The Point Waistband Company. 176,624; Nov. 27; Serial No. 161,651; published Sept. 18, 1923.
Waists. Pongee Waist House, Inc. 163,959; Feb. 6.
Waists and hosiery. House of Byer. 166,626; Apr. 10; Serial No. 168,612; published Jan. 9, 1923.
Waists and hosiery. House of Byer. 166,628; Apr. 10; Serial No. 168,611; published Dec. 19, 1922.
Waists and hosiery. House of Byer. 171,325; Aug. 7; Serial No. 168,614; published May 1, 1923.
Waists and shirts, particularly underwaists, Children's. R. & J. Waist Company. 171,718; Aug. 14; Serial No. 144,429; published May 15, 1923.
Waists and underwear, Children's. Thos. P. Taylor Co. 177,251–2; Dec. 11; Serial Nos. 183,506–7; published Sept. 25, 1923.
Waists, blouses, dresses, skirts, suits, etc. Deutz & Ortenberg, Inc. 164,580; Feb. 20.
Waists, Ladies. Ely Waist, Inc. 166,695; Apr. 10; Serial No. 166,824; published Dec. 19, 1922.
Woolen cloth, automobile robes, and blankets. Eaton Rapids Woolen Mills. 163,456; Jan. 9.
Woolen piece goods. La Lainiere de Roubaix. 163,359; Jan. 9; Serial No. 166,141; published Oct. 17, 1922.
Woolen wearing apparel. Gilbert Knitting Company. 165,238; Mar. 6.
Woven, knitted, netted, textile, and pile fabrics in the piece. Cheney Brothers. 163,296; Jan. 9; Serial No. 168,449; published Oct. 17, 1922.
Wrappers, Infants'. Walnott Knitting Company. 172,599; Sept. 11; Serial No. 171,049; published June 5, 1923.
Yarns, worsted, woolen, silk, and silk and wool mixed. James Lees and Sons Company. 163,095; Jan. 2; Serial No. 157,893; published Feb. 28, 1922.

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Art needlework, knitting work, crocheting work. Bernhard Ulmann Co. 165,874; Mar. 20.
Beads. Nelson Bead Company. 172,236; Aug. 28; Serial No. 175,151; published May 8, 1923.
Beads and bead trimmings. Leo F. Phillips & Co. 173,623; Oct. 2; Serial No. 165,599; published July 3, 1923.
Bedcover holders. E. C. Laird. 176,773; Nov. 27.
Braid, Ric-rac. Barash Bros., Inc. 174,767; Oct. 23; Serial No. 170,269; published July 24, 1923.
Binding and trimming. Bias Narrow Fabric Co. 171,936; Aug. 14.
Binding braids, galloons, etc. James Nelson, Ltd. 168,916; May 29; Serial No. 154,321; published Mar. 6, 1923.
Bindings and tapes, Bias. Economy Bias Binding Co. 164,033; Feb. 6.
Bindings, snap fasteners, dress shields, etc. Jordan Marsh Company. 163,957; Oct. 6.
Braid. American Webbing Company. 172,390; Aug. 28; Serial No. 168,703; published May 8, 1923.
Braid, braided tapes, elastic laces, etc. Arch Narrow Fabric Company. 177,396; Dec. 18; Serial No. 181,470; published Oct. 2, 1923.
Braids. Griffing Manufacturing Co. 174,843; Oct. 23; Serial No. 177,776; published July 31, 1923.
Braids, tassels, etc. Morisse Lace & Embroidery Co. 173,672; Oct. 2; Serial No. 177,983; published July 3, 1923.
Braids, tassels, passementeries, and garniture. Morisse Lace & Embroidery Co. 173,673; Oct. 2; Serial No. 177,984; published July 3, 1923.
Buckles. Hickok Manufacturing Company. 177,816; Dec. 25.
Buckles and belt links. E. Abraham. 172,321; Aug. 28; Serial No. 176,589; published May 8, 1923.
Buckles and buckles and clasps for shoes and slippers, Belt. Riker Company. 165,963; Mar. 27; Serial No. 156,973; published Aug. 15, 1922.
Buckles and resilient belt links. E. Abraham. 167,149; Apr. 24; Serial No. 145,542; published Dec. 12, 1922.
Buttons. J. C. Dowd & Co. 164,035; Feb. 6.
Buttons. J. C. Dowd & Co. 164,039; Feb. 6.
Buttons. Huntington Rubber Mills. 167,536; May 1; Serial No. 171,920; published Jan. 30, 1923.
Buttons, elastic webbing, and toilet pins. L. H. Lewis Company. 165,355; Mar. 6; Serial No. 168,475; published Dec. 5, 1922.
Buttons, Extensible cuff. C. C. Taylor. 167,705; May 8; Serial No. 160,645; published Feb. 20, 1923.
Buttons, Pearl. McCarthy Bros. 171,641; Aug. 7.
Clasps for arm bands. Ansonia O & C Co. 172,401; Aug. 28; Serial No. 165,053; published May 1, 1923.
Combs. American Hard Rubber Company. 169,623; June 26; Serial No. 173,025; published Mar. 27, 1923.
Combs. American Hard Rubber Company. 172,348; Aug. 28; Serial No. 173,024; published May 15, 1923.
Combs. Noyes Comb Company. 167,548; May 1; Serial No. 170,306; published Jan. 30, 1923.
Combs. Sanitary Comb Co. 165,235; Mar. 6.
Combs and barrettes. Pacific Novelty Company. 173,772; Oct. 2; Serial No. 176,851; published May 29, 1923.
Combs, Celluloid or pyroxylin. Royal Comb Company. 165,312; Mar. 6; Serial No. 165,817; published Nov. 14, 1922.
Combs, Hair-straightening. O. R. Altwein. 169,660; June 26; Serial No. 166,733; published Mar. 27, 1923.
Corset steels. Rite Form Corset Co. 173,863; Oct. 2; Serial No. 175,107; published June 12, 1923.
Darning devices. Justrite Manufacturing Company. 164,030; Feb. 6.
Dress shields. Associated Merchandising Corporation. 173,716; Oct. 2; Serial No. 178,705; published July 3, 1923.
Dress shields. Canfield Rubber Company. 172,290; Aug. 28; Serial No. 166,292; published May 15, 1923.
Dress shields. Canfield Rubber Company. 24,208; renewed Feb. 13, 1924.
Dress shields. Empire Shield Co. 169,890; July 3; Serial No. 159,308; published Mar. 27, 1923.
Dress shields. I. B. Kleinert Rubber Company. 173,719; Oct. 2; Serial No. 179,104; published July 3, 1923.
Dress shields. I. B. Kleinert Rubber Company. 174,910; Oct. 23; Serial No. 179,105; published July 31, 1923.
Dress shields. A. Martin. 167,495; May 1; Serial No. 166,240; published Jan. 2, 1923.
Dress shields. A. Stein & Company. 168,904; May 29; Serial No. 165,095; published Feb. 27, 1923.
Dress shields, elastic webbing, shirred elastic ribbon. A. Stein & Company. 177,534; Dec. 18; Serial No. 183,004; published Oct. 2, 1923.
Elastic web. Marshall Field & Company. 165,064; Mar. 6; Serial No. 165,932; published Nov. 14, 1922.
Elastic web. Marshall Field & Company. 165,065; Mar. 6; Serial No. 165,926; published Nov. 14, 1922.

Classified list of trade-marks registered—Continued.

Elastic web, Mercerized lisle. C. H. Crowley. 163,956; Feb. 6.
Elastic webbing. Penn Rivet Corporation. 165,310; Mar. 6; Serial No. 161,335; published Dec. 5, 1922.
Elastic webbing. Treo Company. 164,013; Feb. 6.
Elastic webbings, tapes, bindings, braids, etc. William T. Palmer & Company. 163,964; Feb. 6.
Elastic webs. Geo. S. Colton Elastic Web Co. 168,922; May 29; Serial No. 144,801; published Mar. 13, 1923.
Embroidery edgings, braids, tapes, binding; linen, silk, and cotton elastic beltings, etc. Broadway Bargain House. 165,920; Mar. 20.
Fringes and art needlework. Powers, Friend & Lichtman. 173,726; Oct. 2; Serial No. 179,426; published July 3, 1923.
Garters, hose supporters, and various other purposes, Elastic ruffled ribbon for. S. L. Migel & Company. 164,022; Feb. 6.
Hair combs, shoehorns, buttonhooks, and pincushions. E. I. du Pont de Nemours & Company. 168,889; May 29; Serial No. 170,238; published Mar. 13, 1923.
Hair curlers. Pagoda Import Company. 171,647; Aug. 7.
Hair curlers. West Electric Hair Curler Company. 173,731; Oct. 2; Serial No. 180,313; published July 3, 1923.
Hair curlers, wavers, crimpers, and puffs. L. M. O'Connell. 168,927; May 29; Serial No. 174,098; published Mar. 13, 1923.
Hair goods. A. Breslauer. 171,634; Aug. 7.
Hair goods. Hyman & Oppenheim. 167,894; May 8; Serial No. 167,301; published Feb. 13, 1923.
Hair goods. Hyman & Oppenheim. 168,934–5; May 29; Serial Nos. 173,286–7; published Mar. 13, 1923.
Hairpin and hair curler. W. H. McGee. 165,921; Mar. 20.
Hairpins. National Hair Goods Co. 177,786; Dec. 25.
Hairpins. Scolding Locks Hairpin Company. 164,017; Feb. 6.
Hairpins, common pins, hand sewing needles, crochet hooks, etc. Marshall Field & Company. 168,205; May 15; Serial No. 161,546; published Feb. 6, 1923.
Hairpins, shoe laces, hair curlers, snap fasteners, etc. Zales Bros. 168,909; May 29; Serial No. 160,270; published Feb. 27, 1923.
Hair rolls. Reichman & Faust. 167,443; May 1; Serial No. 161,065; published Nov. 7, 1922.
Hair wavers. R. Gordone. 167,632; May 1; Serial No. 166,681; published Nov. 14, 1922.
Hair wavers. McConnell Manufacturing Company. 177,397; Dec. 18; Serial No. 181,204; published Oct. 2, 1923.
Hair wavers, crimpers, curlers, etc. L. M. Garrity & Co. 167,410; May 1; Serial No. 168,361; published Jan. 2, 1923.
Hair-waving implements, Nonelastic iron-heated. J. A. Hartvig. 171,757; Aug. 14; Serial No. 178,101; published May 29, 1923.
Hatbands. McKibbin, Driscoll & Dorsey, Inc. 169,728; June 26.
Hooks and eyes, snap fasteners, and safety pins. De Long Hook and Eye Company. 172,248; Aug. 28; Serial No. 159,351; published May 22, 1923.
Hooks and eyes, snap fasteners, safety pins, etc. De Long Hook and Eye Company. 172,244; Aug. 28; Serial No. 161,767; published May 22, 1923.
Lace tips, Corset and shoe. Adjusto Shoe Lace Company. 168,670; May 29; Serial No. 152,303; published Jan. 9, 1923.
Laces and elastic webbing, Shoe and corset. L. & R. Company. 171,635; Aug. 7.
Laces, Shoe. Cortland Line Co. 167,765; May 8; Serial No. 169,950; published Jan. 30, 1923.
Laces, Shoe. C. T. Spiropulos. 169,027; May 29.
Laces, Shoe and corset. Hutmacher Braiding Company. 170,585; July 17; Serial No. 156,789; published Apr. 24, 1923.
Lacings, galloons, and braids, Cotton. Glencairn Mfg. Co. 164,031; Feb. 6.
Lacings, galloons, and braids, Shoe, underwear, and blouse. United Lace & Braid Mfg. Co. 175,097; Oct. 30; Serial No. 179,897; published Aug. 7, 1923.
Lacings, galloons, braids, etc., Shoe and other. Walker Webbing Co. 170,587; July 17; Serial No. 156,125; published Apr. 24, 1923.
Lacings, Shoe. Standard Products Company. 171,637; Aug. 7.
Lacings, Shoe, corset, underwear, blouse, etc. Glencairn Mfg. Co. 164,027; Feb. 6.
Lingerie trimming, fancy braids, etc. Marshall Field & Company. 169,880; July 3; Serial No. 146,534; published Feb. 21, 1922.
Needles. G. N. Bolinger. 164,015; Feb. 6.
Needles. Excelsior Needle Company. 23,649; renewed Sept. 26, 1923.
Needles. John James & Sons Limited. 172,298; Aug. 28; Serial No. 178,104; published May 22, 1923.
Needles. J. Roberts. 168,887; May 29. Serial No. 170,257; published Feb. 27, 1923.
Needles for hand sewing. John James & Sons Limited. 173,677; Oct. 2; Serial No. 178,105; published July 3, 1922.
Needlework, Art. T. Buettner & Co. 170,645; July 17; Serial No. 170,270; published Apr. 24, 1923.
Needlework, Designs used for art. E. M. Hammond. 169,647; June 26; Serial No. 169,852; published Mar. 27, 1923.
Notions and small wares. William H. Cole & Co. 173,596; Oct. 2; Serial No. 167,973; published June 12, 1923.
Package outfit. L. H. Feldman. 173,917; Oct. 2; Serial No. 174,517; published July 10, 1923.
Patterns, Perforated. E. Engler. 167,540; May 1; Serial No. 170,812; published Jan. 30, 1923.
Pins. William Prym Company. 175,857; Nov. 13; Serial No. 175,997; published Aug. 28, 1923.
Pins and hairpins of nonprecious metal and hand sewing needles. Kirby, Beard & Co. 172,448; Aug. 28; Serial No. 172,228; published May 1, 1923.
Pins and hairpins of nonprecious metals. Kirby, Beard & Co. 172,449; Aug. 28; Serial No. 172,229; published May 1, 1923.
Pins and hand sewing needles, Common. William Prym Company. 176,747; Nov. 27; Serial No. 175,996; published Sept. 11, 1923.
Pins, Card, T, and bank. Guild Products Corporation. 168,903; May 29; Serial No. 165,543; published Mar. 13, 1923.
Pins, hairpins, and hand sewing needles. Kirby, Beard & Co. 172,457; Aug. 28; Serial No. 172,681; published May 1, 1923.
Pins, hairpins, safety pins, elastics, and hair nets. Aller Brothers. 172,354; Aug. 28; Serial No. 173,390; published May 15, 1923.
Pins, hairpins, safety pins, etc., Toilet. D. F. Taylor and Company Limited. 166,238; Mar. 27; Serial No. 165,513; published Dec. 5, 1922.
Pins of nonprecious metal. Kirby, Beard & Co. 172,450; Aug. 28; Serial No. 172,230; published May 1, 1923.
Pins, Safety. American Pin Company. 172,327; Aug. 28; Serial No. 177,061; published May 8, 1923.
Pins, Safety. W. T. Grant Company. 177,390; Dec. 18; Serial No. 181,829; published Oct. 2, 1923.
Pins, Safety. A. J. Hague & Co. 166,318; Mar. 27.
Pins, Safety. F. Kelly Company. 167,750; May 8; Serial No. 170,686; published Jan. 9, 1923.
Pins, Safety. F. Rees. 164,032; Feb. 6.
Pins, Safety. Risdon Manufacturing Company. 175,200; Oct. 30; Serial No. 175,104; published Aug. 7, 1923.
Pins, Safety. Sears, Roebuck and Co. 172,237; Aug. 28; Serial No. 175,215; published May 8, 1923.
Pins, snap fasteners, and hooks and eyes, Safety and toilet. Francis Manufacturing Co. 167,573; May 1; Serial No. 166,674; published Dec. 26, 1922.
Ribbon novelties or trims. R. C. Taft. 170,646; July 17; Serial No. 170,164; published Apr. 24, 1923.
Rickrack braid and shirred ribbon elastic. Barash Brothers, Inc. 174,129; Oct. 2; Serial No. 180,738; published July 3, 1923.
Shirts from creeping up, Devices for preventing. Shirt Snubers Company. 172,322; Aug. 28; Serial No. 176,577; published May 8, 1923.
Shoe laces. Sealace Co. 165,356; Mar. 6; Serial No. 168,129; published Dec. 5, 1922.
Shoe lacings. Tubular Tape Mfg. Co. 165,294; Mar. 6; Serial No. 165,729; published Dec. 5, 1922.
Shoulder straps, Flexible. H. T. Applegate. 176,511; Nov. 27; Serial No. 165,054; published Sept. 11, 1923.
Snap fasteners. Carson Pirie Scott & Co. 168,939; May 29; Serial No. 172,961; published Mar. 13, 1923.
Snap fasteners. S. Glemby's Sons Co. 164,041–2; Feb. 6.
Snap fasteners. S. Glemby's Sons Co. 170,355; July 10.
Snap fasteners. Kranish Bros. 169,424; June 12.
Snap fasteners. Raden Bros. 172,383; Aug. 28; Serial No. 138,690; published Mar. 8, 1921.
Snap fasteners, elastic webbing, cotton tape, etc. W. F. Daggett & Sons. 165,314; Mar. 6; Serial No. 166,662; published Nov. 14, 1922
Stilettos, hooks and eyes, corset eyes, snap fasteners, etc., Bone. William Prym Company. 174,933; Oct. 30; Serial No. 148,615; published July 17, 1923.
Stilettos, hooks and eyes, snap fasteners, etc., Bone. William Prym Company. 177,506; Dec. 18; Serial No. 148,617; published Oct. 2, 1923.
Tape. Associated Merchandising Corporation. 173,715; Oct. 2; Serial No. 178,704; published July 3, 1923.
Tape and binding, Bias-fold. Marshall Field & Company. 171,937; Aug. 14.
Tape and braid of all kinds. F. W. Woolworth Co. 172,335; Aug. 28; Serial No. 177,807; published May 8, 1923.
Tape, Bias. C. H. Farmer & Co. 163,570; Jan. 23.
Tape, Bias. Walker Stetson Company. 163,639; Jan. 23.
Tape, pins, hair curlers, etc., Lingerie. Samstag & Hilder Bros. 170,494; July 17; Serial No. 172,060; published Apr. 24, 1923.
Tapes and bindings. J. Sullivan & Sons Manufacturing Co. 165,319; Mar. 6; Serial No. 167,852; published Dec. 5, 1922.
Thimbles. Simons Bros. Company. 163,968; Feb. 6.
Webbings, Elastic. Russell Manufacturing Company. 163,532; Jan. 16.
Webbings, Elastic. Russell Manufacturing Company. 167,742; May 8; Serial No. 169,258; published Jan. 9, 1923.

Webbings, Elastic. Russell Manufacturing Company. 167,749; May 8; Serial No. 170,548; published Jan. 9, 1923.
Wires and straw braids. Holyoke Company. 172,261; Aug. 28; Serial No. 132,740; published May 22, 1923.
Woolen dress goods. Botany Worsted Mills. 23,936; renewed Dec. 19, 1923.

CLASS 41.

Parasols and umbrellas. Weinberg & Bisbing. 164,072; Feb. 13.
Umbrella and parasol ribs. S. W. Evans & Son. 177,474; Dec. 18; Serial No. 185,010; published Oct. 2, 1923.
Umbrella and parasol ribs. S. W. Evans & Son, 177,476; Dec. 18; Serial No. 185,009; published Oct. 2, 1923.
Umbrellas. Kortenbach & Rauh. 171,066; July 31; Serial No. 162,557; published May 8, 1923.
Umbrellas. Kortenbach & Rauh. 171,148; July 31; Serial No. 162,556; published May 1, 1923.
Umbrellas. Paperbrella Co. 168,339; May 22; Serial No. 155,697; published Feb. 6, 1923.
Umbrellas and parasols. G. S. Berman. 177,349; Dec. 18; Serial No. 180,834; published Oct. 2, 1923.
Umbrellas and parasols. F. M. Burns. 173,707; Oct. 2; Serial No. 177,956; published June 19, 1923.
Umbrellas and parasols. J. Grossman. 174,366; Oct. 16; Serial No. 176,342; published July 10, 1923.
Umbrellas and parasols. J. Grossman. 177,569; Dec. 18; Serial No. 176,341; published Sept. 11, 1923.
Umbrellas and parasols and frames thereof. Fretz, Gross & Co. 164,565; Feb. 20.

CLASS 42.

Astrakhan cloth in the piece. Carlton Mills Co. 164,211; Feb. 13.
Bed coverings, sheetings, pillowcases, etc. F. W. Eaflig. 173,968; Oct. 2; Serial No. 161,550; published July 17, 1923.
Bedquilts, bedspreads, and counterpanes. Ely & Walker Dry Goods Company. 165,690; Mar. 20; Serial No. 170,183; published Dec. 26, 1922.
Bedspreads. Primrose Draperies, Inc. 174,124; Oct. 2; Serial No. 180,493; published July 10, 1923.
Bedspreads. Sorrick-Caylor Company. 176,059; Nov. 13; Serial No. 182,366; published Sept. 4, 1923.
Bedspreads and pillow shams. Marshall Field & Company. 163,368–9; Jan. 9.
Bedspreads, napkins, tablecloths, sheeting, etc. Hale Bros. Inc. 163,889; Feb. 6.
Bedspreads, tablecloths, table covers, napkins, etc. American Textile Art Printing & Dyeing Company. 167,689; May 8; Serial No. 159,134; published Feb. 13, 1923.
Bengaline, chiffon, crashes, serges, etc. Lorraine Manufacturing Company. 173,584; Sept. 25.
Billiard cloth in the piece. American Billiard Supply Company. 163,899; Feb. 6.
Blankets. Carson Pirie Scott & Co. 165,573; Mar. 13; Serial No. 161,809; published Dec. 12, 1922.
Blankets and cotton blanket piece goods, Cotton. Esmond Mills. 171,608; Aug. 7; Serial No. 173,703; published May 15, 1923.
Blankets, blanket fabrics, cotton piece goods, auto robes, etc. Esmond Mills. 165,742; Mar. 20; Serial No. 171,789; published Jan. 2, 1923.
Blankets, blanket fabrics, cotton piece goods, etc. Esmond Mills. 165,805; Mar. 20; Serial No. 171,790; published Jan. 2, 1923.
Blankets, Cotton. Carolina Cotton & Woolen Mills Company. 175,180–1; Oct. 30; Serial Nos. 181,243–4; published Aug. 14, 1923.
Blankets, Woolen. I. Ginzkey Maffersdorf, Inc. 163,980; Feb. 6.
Blankets, Woolen and cotton. Fuld Brothers. 172,933; Sept. 11; Serial No. 165,132; published Aug. 1, 1922.
Blankets, Woolen football. James W. Brine Company. 170,519; July 17; Serial No. 172,728; published Apr. 17, 1923.
Broadcloth, Cotton. Bear Mill Manufacturing Company. 175,053; Oct. 30; Serial No. 179,351; published Aug. 7, 1923.
Carpets, rugs, and draperies. Asia Sales Corporation. 175,567; Nov. 6; Serial No. 181,236; published Aug. 28, 1923.
Carpets, Textile. Aetna Carpet Co. 170,539; July 17; Serial No. 174,504; published Apr. 17, 1923.
Carpets, Velvet. Marshall Field & Company, 165,901; Mar. 20.
Carpets, Velvet. Marshall Field & Company. 165,903; Mar. 20.
Carpets, Wilton. Marshall Field & Company. 165,902; Mar. 20.
Carpets, Wilton. Philadelphia Carpet Co. 169,531; June 19; Serial No. 166,604; published Mar. 20, 1923.
Carpets, Wilton and plush. M. J. Whittall Associates. 168,885; May 29; Serial No. 167,063; published Mar. 13, 1923.
Carpets, Wilton and plush. M. J. Whittall Associates. 171,465; Aug. 7; Serial No. 167,064; published May 15, 1923.
Carpets, Wilton and plush. M. J. Whittall Associates. 174,950; Oct. 30; Serial No. 167,065; published Aug. 14, 1923.
Cheesecloth, crinoline, and bunting in the piece. Lewis Manufacturing Company. 174,977; Oct. 30; Serial No. 150,319; published Aug. 7, 1923.
Cheviots in the piece. J. P. Crozer. 165,452; Mar. 13; Serial No. 171,488; published Jan. 2, 1923.
Cloth and stuffs of wool and worsted. Pendle & Rivett Limited. 174,127; Oct. 2; Serial No. 180,549; published July 10, 1923.
Cloth and stuffs of wool, worsted, or hair. Sime Williamson & Co. 166,224; Mar. 27; Serial No. 168,906; published Oct. 31, 1922.
Cloth, bed blankets, and automobile robes. Glimmerglen Farms, Inc. 165,681; Mar. 20; Serial No. 170,526; published Dec. 26, 1922.
Cloth in the piece. William Hollins & Company. 168,674; May 29; Serial No. 146,509; published Feb. 27, 1923.
Cloth of camel's hair. S. Stroock & Co. 165,935; Mar. 20.
Cloths and stuffs of wool, worsted, etc. Wilson & Glenny, Ltd. 167,485; May 1; Serial No. 159,910; published Feb. 20, 1923.
Cloths and stuffs of wool, worsted, or hair. Lewis & Harris Handwoven Tweed Company, Limited. 171,499; Aug. 7; Serial No. 171,131; published May 22, 1923.
Cloths and piece goods of wool, worsted, and hair, and combinations of same. Priestleys, Limited. 167,103; Apr. 24; Serial No. 169,422; published Feb. 6, 1923.
Cloths, Face or wash. W. A. Schwalb. 175,151; Oct. 30; Serial No. 180,813; published Aug. 14, 1923.
Coating, All-wool. Frederick Lausser & Son. 175,659; Nov. 6; Serial No. 181,694; published Aug. 21, 1923.
Coatings in the piece, Bolivia. C. Bahnsen & Co. 177,303–4; Dec. 18; Serial Nos. 172,461–2; published Sept. 25, 1923.
Corduroys in the piece. John S. Boyd Co. 167,673; May 8; Serial No. 173,227; published Feb. 27, 1923.
Corduroys in the piece. John S. Boyd Co. 168,766; May 29; Serial No. 173,229; published Mar. 6, 1923.
Cotton and cotton and silk mixture fabrics in the piece. Waumbek Manufacturing Company. 169,673; June 26; Serial No. 174,548; published Mar. 27, 1923.
Cotton and cotton and silk mixture piece goods. Cohn Hall Marx Co. 175,098; Oct. 30; Serial No. 179,853; published Aug. 7, 1923.
Cotton and linen piece goods. F. Sichel. 169,669; June 26; Serial No. 175,028; published Mar. 27, 1923.
Cotton and other piece goods. Bradford Dyers' Association, Limited. 175,049; Oct. 30; Serial No. 179,583; published Aug. 14, 1923.
Cotton and other piece goods. Lorraine Manufacturing Company. 175,218; Oct. 30.
Cotton and silk and combinations of cotton and silk piece goods. Weil Brothers. 165,878; Mar. 20.
Cotton and silk mixture piece goods. Voss & Stern. 172,622; Sept. 11; Serial No. 160,315; published June 5, 1923.
Cotton and silk mixture piece goods. Voss & Stern. 172,623; Sept. 11; Serial No. 160,313; published June 5, 1923.
Cotton and silk mixture piece goods. Voss & Stern. 173,247; Sept. 18; Serial No. 160,328; published June 19, 1923.
Cotton and wool piece goods. Laskin-Swatt Co. 172,607; Sept. 11; Serial No. 170,145; published June 5, 1923.
Cotton and woolen piece goods and mixtures of the same in the piece. Atlantic Mills. 173,929; Oct. 2; Serial No. 177,947; published July 17, 1923.
Cotton, wool, etc., piece goods, Woven and knitted. Vary Knit Co. 173,218; Sept. 18; Serial No. 174,348; published June 12, 1923.
Cotton, artificial-silk, silk, and woolen piece goods and admixtures of same. Bradford Dyers' Association, Limited. 169,783; July 3; Serial No. 122,625; published Mar. 27, 1923.
Cotton cloth and white shoe cloth, Backing or reenforcing. Peters Brothers Rubber Co. 177,312; Dec. 18; Serial No. 167,098; published Sept. 25, 1923.
Cotton-cloth piece goods. Leon Michael & Co. 177,570; Dec. 18; Serial No. 177,136; published Sept. 25, 1923.
Cotton, cotton and silk, silk, etc., piece goods. Coppel Bros. 164,936; Feb. 27.
Cotton crape goods in the piece. Marshall Field & Company. 175,275; Oct. 30.
Cotton crêpe fabrics in the piece. Waumbek Manufacturing Company. 171,475; Aug. 7; Serial No. 178,317; published May 15, 1923.
Cotton damask, Mercerized. W. M. Austin. 163,943; Feb. 6.
Cotton duck. John Boyle & Company. 116,211; Mar. 27; Serial No. 169,152; published Dec. 12, 1922.
Cotton duck. Maguire & Co. 163,944; Feb. 6.
Cotton, duck, and canvas piece goods. J. Einstein, Inc. 174,156; Oct. 9; Serial No. 180,793; published July 17, 1923.
Cotton duck and canvas piece goods. A. D. Juilliard & Co. 173,749; Oct. 2; Serial No. 177,673; published June 26, 1923.
Cotton duck and cotton tire fabrics in the piece. International Cotton Mills. 171,688; Aug. 7.

Classified list of trade-marks registered—Continued.

Cotton ducks and drills in the piece, Unbleached, bleached, dyed, and colored. John Boyle & Company. 167,001; Apr. 17.
Cotton fabric in the piece. Manhasset Manufacturing Company. 170,261; July 10; Serial No. 170,440; published Jan. 30, 1923.
Cotton fabrics. Friedman & Krieger. 173,369; Sept. 25; Serial No. 179,528; published July 3, 1923.
Cotton fabrics. Manhasset Manufacturing Company. 163,366; Jan. 9.
Cotton fabrics and silk fabrics in the piece. Wauregan Company. 172,994; Sept. 11; Serial No. 176,517; published June 5, 1923.
Cotton fabrics in the piece. G. A. Stafford. 171,525; Aug. 7; Serial No. 176,103; published May 8, 1923.
Cotton fabrics in the piece, Woven. G. A. Stafford. 172,631; Sept. 11; Serial No. 135,736; published June 5, 1923.
Cotton fabrics in the piece, Woven. G. A. Stafford. 173,981; Oct. 2; Serial No. 135,737; published July 17, 1923.
Cotton fabrics in the piece, Woven. G. A. Stafford. 174,985; Oct. 30; Serial No. 124,422; published Aug. 14, 1923.
Cotton fabrics, Textile. Amory, Browne & Co. 174,192; Oct. 9; Serial No. 181,103; published July 17, 1923.
Cotton fabrics, Woven. Roanoke Mills Company. 174,003; Oct. 2; Serial No. 175,439; published July 17, 1923.
Cotton fabrics woven and finished in Switzerland. Verband der Schweizerischen Stückwaren-Ausrüstanstalten. 177,693; Dec. 25; Serial No. 183,612; published Oct. 2, 1923.
Cotton, flannel, and flannelettes. Brogon Mills. 163,873; Feb. 6.
Cotton goods, Bleached, brown, and printed. Grinnell Willis. 22,903; renewed May 2, 1923.
Cotton goods, Bleached, brown, and printed. Grinnell Willis. 23,022; renewed May 16, 1923.
Cotton goods. Massachusetts Cotton Mills. 23,019; renewed May 16, 1923.
Cotton goods. Olympia Manufacturing Company. 173,266; Sept. 18; Serial No. 175,153; published June 19, 1923.
Cotton goods in the piece. American Bleached Goods Company. 165,002; Feb. 27.
Cotton goods in the piece. David Schwartz Company. 174,128; Oct. 2; Serial No. 180,558; published July 10, 1923.
Cotton goods in the piece. Lorraine Manufacturing Company. 171,977–8; Aug. 21; Serial Nos. 178,747–8; published May 22, 1923.
Cotton goods in the piece. Lorraine Manufacturing Company. 173,734; Oct. 2; Serial No. 178,749; published June 12, 1923.
Cotton goods in the piece. Maltese Textile Corporation. 175,498; Nov. 6; Serial No. 177,498; published Aug. 21, 1923.
Cotton goods in the piece. Nap. Eustathopoulo & Fils. 170,072; July 10; Serial No. 165,990; published Apr. 3, 1923.
Cotton goods in the piece. Neuss, Hesslein & Company. 175,509; Nov. 6; Serial No. 177,507; published Aug. 28, 1923.
Cotton goods in the piece. Wm. Simpson, Sons & Co. 175,457; Nov. 6; Serial No. 182,679; published Aug. 28, 1923.
Cotton goods in the piece. Société Rodier. 163,981–2; Feb. 6.
Cotton goods in the piece. Société Rodier. 163,981–2; Feb. 6.
Cotton goods in the piece. Virginia Cotton Mills. 169,457; June 19; Serial No. 175,043; published Mar. 20, 1923.
Cotton goods in the piece. Virginia Cotton Mills. 165,895–8; Mar. 20.
Cotton goods in the piece, Colored. Brogon Mills. 163,874; Feb. 6.
Cotton linings in the piece. Marshall Field & Company. 176,987; Dec. 11; Serial No. 179,524; published Sept. 11, 1923.
Cotton piece goods. Aberfoyle Mfg. Co. 167,887; May 8; Serial No. 167,968; published Feb. 13, 1923.
Cotton piece goods. African & Eastern Trading Co. 174,005; Oct. 2; Serial No. 175,230; published July 17, 1923.
Cotton piece goods. American Bleached Goods Company. 168,033–4; May 8.
Cotton piece goods. American Bleached Goods Company, Inc. 171,404; Aug. 7; Serial No. 176,522; published May 1, 1923.
Cotton piece goods. American Bleached Goods Company. 174,132; Oct. 2.
Cotton piece goods. American Bleached Goods Company. 175,452; Nov. 6; Serial No. 182,896; published Aug. 28, 1923.
Cotton piece goods. Joseph Bancroft & Sons Company. 174,027; Oct. 2; Serial No. 176,440; published June 19, 1923.
Cotton piece goods. Hyman Bauman & Co. 168,460; May 22; Serial No. 173,275; published Feb. 20, 1923.
Cotton piece goods. Amoskeag Manufacturing Company. 163,458; Jan. 16.
Cotton piece goods. Edward E. Berliner & Co. 168,230; May 15; Serial No. 171,445; published Feb. 13, 1923.
Cotton piece goods. Edwin E. Berliner & Co. 175,341; Nov. 6; Serial No. 171,446; published Aug. 14, 1923.
Cotton piece goods. Brune, Pottberg & Co. 166,117; Mar. 27; Serial No. 151,902; published Dec. 20, 1922.
Cotton piece goods. Brune, Pottberg, & Co., 166,118; Mar. 27; Serial No. 151,904; published Dec. 20, 1922.
Cotton piece goods. Brune, Pottberg & Co. 171,403; Aug. 7; Serial No. 176,535; published May 8, 1923.
Cotton piece goods. Brune, Pottberg & Co. 176,055; Nov. 13; Serial No. 182,202; published Sept. 4, 1923.
Cotton piece goods. Brune, Pottberg & Co. 176,057–8; Nov. 13; Serial Nos. 182,291–2; published Sept. 4, 1923.
Cotton piece goods. Brune, Pottberg & Co. 177,484; Dec. 18; Serial No. 183,192; published Sept. 25, 1923.
Cotton piece goods. Brune, Pottberg & Co. 177,488; Dec. 18; Serial No. 183,188; published Sept. 25, 1923.
Cotton piece goods. Brune, Pottberg & Co. 177,489; Dec. 18; Serial No. 183,191; published Sept. 25, 1923.
Cotton piece goods. Burton Bros. & Co. 167,948; May 8.
Cotton piece goods. Cherokee Spinning Company. 175,453–4; Nov. 6; Serial Nos. 182,788–9; published Aug. 28, 1923.
Cotton piece goods. Claflins Incorporated. 171,400; Aug. 7; Serial No. 176,668; published May 1, 1923.
Cotton piece goods. Cohn Hall Marx Co. 169,956; July 10; Serial No. 174,655; published Apr. 10, 1923.
Cotton piece goods. Cohn Hall Marx Co. 170,788; July 24; Serial No. 175,302; published Apr. 24, 1923.
Cotton piece goods. Cohn Hall Marx Co. 174,202; Oct. 9; Serial No. 180,963; published July 17, 1923.
Cotton piece goods. Consolidated Textile Corporation. 174,881; Oct. 31; Serial No. 181,558; published Aug. 7, 1923.
Cotton piece goods. Doptoglou Bros. of New York. 171,393; Aug. 7; Serial No. 177,037; published May 1, 1923.
Cotton piece goods. Doptoglou Bros. of New York. 177,465; Dec. 18; Serial No. 177,079; published Sept. 25, 1923.
Cotton piece goods. Ely & Walker Dry Goods Company. 170,310; July 10; Serial No. 176,017; published Apr. 10, 1923.
Cotton piece goods. Everett Mills. 163,313; Jan. 9
Cotton piece goods. Fort Dummer Mills. 172,182; Aug. 21.
Cotton piece goods. Henry Glass & Co. 165,454; Mar. 13; Serial No. 171,493; published Jan. 2, 1923.
Cotton piece goods. Henry Glass & Co. 165,758; Mar. 20; Serial No. 170,577; published Dec. 26, 1922.
Cotton piece goods. Henry Glass & Co. 165,759; Mar. 20; Serial No. 170,579; published Dec. 26, 1922.
Cotton piece goods. Henry Glass & Co. 166,955; Apr. 17; Serial No. 170,580; published Jan. 30, 1923.
Cotton piece goods. J. W. Goddard & Sons, Incorporated. 169,702; June 26.
Cotton piece goods. W. R. Grace & Co. 169,676; June 26; Serial No. 173,927; published Mar. 27, 1923.
Cotton piece goods. W. R. Grace & Co. 170,229; July 10; Serial No. 174,898; published Apr. 3, 1923.
Cotton piece goods. Graniteville Manufacturing Company. 173,067; Sept. 11.
Cotton piece goods. Great Falls Manufacturing Company. 171,189; July 31; Serial No. 157,367; published Apr. 3, 1923.
Cotton piece goods. J. I. Hart. 177,069–70; Dec. 11; Serial Nos. 183,569–70; published Sept. 11, 1923.
Cotton piece goods. Hartley, Freeman & Co. 166,769; Apr. 10.
Cotton piece goods. Helier & Long. 168,151; May 15; Serial No. 172,673; published Feb. 13, 1923.
Cotton piece goods. Hockmeyer Bros. 172,906; Sept. 11; Serial No. 179,369; published June 5, 1923.
Cotton piece goods. William Hollins & Co. 166,907; Apr. 17; Serial No. 170,193; published Jan. 30, 1923.
Cotton piece goods. Hunter Manufacturing & Commission Co. 170,789; July 24; Serial No. 175,314; published Apr. 24, 1923.
Cotton piece goods. Hunter Mfg. & Commission Co. 171,617; Aug. 7; Serial No. 177,782; published May 15, 1923.
Cotton piece goods. S. H. Kahn & Co. 168,041–2; May 15; Serial Nos. 173,086–7; published Feb. 13, 1923.
Cotton piece goods. Kelsey Textile Corporation. 163,350; Jan. 9.
Cotton piece goods. Kelsey Textile Corporation. 172,909; Sept. 11; Serial No. 179,275; published June 5, 1923.
Cotton piece goods. Kelsey Textile Corporation. 177,076–7; Dec. 11; Serial Nos. 183,747–8; published Sept. 18, 1923.
Cotton piece goods. Kelsey Textile Corporation. 177,081; Dec. 11; Serial No. 183,749; published Sept. 18, 1923.
Cotton piece goods. John P. King Manufacturing Co. 170,357; July 10.
Cotton piece goods. John P. King Manufacturing Co. 172,006; Aug. 21; Serial No. 173,570; published Apr. 10, 1923.
Cotton piece goods. John P. King Manufacturing Co. 177,267; Dec. 11; Serial No. 166,373; published Sept. 18, 1923.

Cotton piece goods. Klauber Bros. & Co. 168,850; May 29; Serial No. 174,246; published Mar. 6, 1923
Cotton piece goods. Klein-Messner Co. 173,343; Sept. 25; Serial No. 171,331; published June 26, 1923.
Cotton piece goods. Kummer, Upmann & Co. 173,367; Sept. 25; Serial No. 179,608; published July 3, 1923.
Cotton piece goods. J. H. Lane & Co. 163,939; Feb. 6.
Cotton piece goods. Bert Levi & Co. 172,923; Sept. 11; Serial No. 177,133; published May 29, 1923.
Cotton piece goods. Liberty & Co. Limited. 169,602; June 26; Serial No. 171,808; published Mar. 27, 1923.
Cotton piece goods. Loeb & Schoenfeld Company. 166,760; Apr. 10.
Cotton piece goods. Mains & Grebenstein Inc. 165,689; Mar. 20; Serial No. 170,204; published Dec. 26, 1922.
Cotton piece goods. Merrimack Manufacturing Company. 163,983; Feb. 6.
Cotton piece goods. E. Milius & Co. 175,132; Oct. 30; Serial No. 180,545; published Aug. 7, 1923.
Cotton piece goods. Milius, Hesse & Levy. 175,448; Nov. 6; Serial No. 183,117; published Aug. 28, 1923.
Cotton piece goods. Milldale Textiles Corporation. 174,155; Oct. 9; Serial No. 181,032; published July 17, 1923.
Cotton piece goods. Minot, Hooper & Co. 169,455; June 19; Serial No. 175,204; published Mar. 20, 1923.
Cotton piece goods. Moraff, Twining & Co. 163,989; Feb. 6.
Cotton piece goods. Nathan & Cohen Co. 170,317; July 10; Serial No. 175,509; published Apr. 3, 1923.
Cotton piece goods. Nathan and Cohen Co. 174,536; Oct. 16.
Cotton piece goods. Naumkeag Steam Cotton Co. 173,391; Sept. 25; Serial No. 163,761; published Jan. 9, 1923.
Cotton piece goods. James Nelson, Limited. 165,591; Mar. 13; Serial No. 147,570; published Jan. 2, 1923.
Cotton piece goods. Neuss, Hesslein & Co. 169,958; July 10; Serial No. 174,667; published Apr. 10, 1923.
Cotton piece goods. Neuss, Hesslein & Co. 173,366; Sept. 25; Serial No. 179,620; published July 3, 1923.
Cotton piece goods. Neuss, Hesslein & Co. 175,460; Nov. 6; Serial No. 182,356; published Aug. 28, 1923.
Cotton piece goods. New England Commercial Co. 163,138; Jan. 2.
Cotton piece goods. New York Mills Corporation. 163,378; Jan. 9.
Cotton piece goods. Pacific Mills. 169,864; July 3; Serial No. 175,677; published Apr. 3, 1923.
Cotton piece goods. Pacific Mills. 173,360; Sept. 25; Serial No. 180,139; published July 3, 1923.
Cotton piece goods. Passaic Print Works. 163,482; Jan. 16.
Cotton piece goods. Passaic Print Works. 177,425; Dec. 18; Serial No. 156,412; published Sept. 18, 1923.
Cotton piece goods. Pee Dee Manufacturing Company. 164,925; Feb. 27.
Cotton piece goods. Pelzer Manufacturing Company. 163,975; Feb. 6.
Cotton piece goods. J. C. Penney Company. 168,735; May 29; Serial No. 172,556; published Feb. 27, 1923.
Cotton piece goods. J. C. Penney Company. 169,670–1; June 26; Serial Nos. 175,022–3; published Mar. 27, 1923.
Cotton piece goods. Charles L. Poor Co. 168,301; May 15.
Cotton piece goods. Charles L. Poor Co. 170,183; July 10; Serial No. 176,035; published Apr. 10, 1923.
Cotton piece goods. Charles L. Poor Co. 170,184; July 10; Serial No. 176,038; published Apr. 10, 1923.
Cotton piece goods. Charles L. Poor Co. 173,473; Sept. 25; Serial No. 176,214; published June 26, 1923.
Cotton piece goods. Charles L. Poor Co. 173,477; Sept. 25; Serial No. 176,042; published June 19, 1923.
Cotton piece goods. Charles L. Poor Co. 177,221; Dec. 11; Serial No. 176,040; published Sept. 18, 1923.
Cotton piece goods. Phillips-Jones Corporation. 166,214; Mar. 27; Serial No. 169,032; published Dec. 12, 1922.
Cotton piece goods. A. M. Robinson Company. 175,135; Oct. 30; Serial No. 180,496; published Aug. 7, 1923.
Cotton piece goods. David Schwartz Company. 168,849; May 29; Serial No. 174,341; published Mar. 6, 1923.
Cotton piece goods. Louis Siegbert & Bro. 170,235; July 10; Serial No. 174,037; published Apr. 3, 1923.
Cotton piece goods. Louis Siegbert & Bro. 171,415; Aug. 7; Serial No. 172,493; published May 15, 1923.
Cotton piece goods. Wm. Simpson, Sons & Co. 174,289; Oct. 9.
Cotton piece goods. Smith, Hogg & Co. 172,905; Sept. 11; Serial No. 176,224; published June 26, 1923.
Cotton piece goods. F. U. Stearns & Company. 175,465; Nov. 6; Serial No. 181,963; published Aug. 28, 1923.
Cotton piece goods. Taylor, Clapp & Beall. 174,194; Oct. 9; Serial No. 181,048; published July 17, 1923.
Cotton piece goods. W. Harris Thurston & Co. 176,848; Dec. 4; Serial No. 183,423; published Sept. 25, 1923.
Cotton piece goods. Voss & Stern. 171,481; Aug. 7; Serial No. 177,939; published May 15, 1923.
Cotton piece goods. Voss & Stern. 172,941; Sept. 11; Serial No. 160,323; published June 19, 1923.
Cotton piece goods. Voss & Stern. 173,249; Sept. 18; Serial No. 160,316; published June 12, 1923.
Cotton piece goods. Voss & Stern. 173,355; Sept. 25; Serial No. 160,318; published June 26, 1923.
Cotton piece goods. Voss & Stern. 173,356; Sept. 25; Serial No. 160,312; published June 26, 1923.
Cotton piece goods. Ridley Watts & Co. 168,433; May 22; Serial No. 171,190; published Feb. 20, 1923.
Cotton piece goods. Weiner Brothers, Inc. 170,541; July 17; Serial No. 174,550; published Apr. 17, 1923.
Cotton piece goods. Weiner Brothers, Inc. 171,826; Aug. 14; Serial No. 175,583; published May 22, 1923.
Cotton piece goods. Wilton Manufacturing Company. 171,619; Aug. 7; Serial No. 177,718; published May 15, 1923.
Cotton piece goods. Wilton Manufacturing Company. 172,907–8; Sept. 11; Serial Nos. 179,288–9; published June 5, 1923.
Cotton piece goods. Wilton Manufacturing Company. 173,361; Sept. 25; Serial No. 180,039; published July 3, 1923.
Cotton piece goods. Wilton Manufacturing Company. 174,091; Oct. 2; Serial No. 180,038; published July 3, 1923.
Cotton piece goods. Wilton Manufacturing Company. 174,655; Oct. 23; Serial No. 181,507; published Aug. 7, 1923.
Cotton piece goods. Wilton Manufacturing Company. 177,080; Dec. 11; Serial No. 183,786; published Sept. 18, 1923.
Cotton piece goods. Wilton Manufacturing Company. 177,480; Dec. 18; Serial No. 183,787; published Sept. 18, 1923.
Cotton piece goods and cotton and silk mixtures in the piece. Cohn Hall Marx Co. 173,387; Sept. 25; Serial No. 173,278; published Mar. 20, 1923.
Cotton piece goods and cotton and silk piece goods. Amtexco Trading Company. 165,470; Mar. 13; Serial No. 167,668; published Dec. 26, 1922.
Cotton piece goods and handkerchiefs. Huessy & Co. 171,433; Aug. 7; Serial No. 163,982; published May 8, 1923.
Cotton piece goods and silk and cotton fabrics. Moraff, Twining & Co. 171,614; Aug. 7; Serial No. 177,862; published May 15, 1923.
Cotton piece goods, Bleached. Louis Stix Co. 171,789; Aug. 14; Serial No. 178,640; published May 22, 1923.
Cotton piece goods, Bleached. Louis Stix Co. 171,793–4; Aug. 14; Serial Nos. 178,637–8; published May 22, 1923.
Cotton piece goods, Dyed. Bradford Dyers' Association, Limited. 169,782; July 3; Serial No. 122,624; published Mar. 20, 1923.
Cotton piece goods, linen piece goods, and toweling. Carl Company. 177,366; Dec. 18; Serial No. 181,813; published Sept. 25, 1923.
Cotton piece goods, Mercerized. Consolidated Textile Corporation. 176,054; Nov. 13; Serial No. 181,559; published Sept. 4, 1923.
Cotton piece goods, pillowcases, and sheets. Postex Cotton Mills. 170,344; July 10.
Cotton piece goods, pillowcases, and sheets. Wamsutta Mills. 164,852; Feb. 27.
Cotton piece goods, Printed, bleached, gray, etc. Neuss, Hesslein & Co. 174,201; Oct. 9; Serial No. 180,882; published July 17, 1923.
Cotton piece goods, sheets, pillowcases. Cabarrus Cotton Mills. 175,708; Nov. 6.
Cotton piece goods, sheets, and pillowcases. Cabarrus Cotton Mills. 176,096; Nov. 13.
Cotton piece goods, silk and cotton goods, ladies' woolen dress fabric, etc. Herman Resler & Company. 173,251; Sept. 18; Serial No. 159,286; published June 19, 1923.
Cotton piece goods, silk and cotton mixtures, and silk fabrics. Cohn Hall Marx Co. 177,632; Dec. 25; Serial No. 173,322; published Mar. 20, 1923.
Cotton piece goods—viz, pongee. Greenhalgh Mills. 163,895; Feb. 6.
Cotton pile cloth in the piece. John S. Boyd Company. 163,285; Jan. 9.
Cotton pile cloth in the piece. John S. Boyd Company. 170,878; July 24; Serial No. 157,827; published May 1, 1923.
Cotton pongee in the piece, Mercerized. Murray Trading Co. 172,844; Sept. 11; Serial No. 176,908; published May 29, 1923.
Cotton sheetings. Columbus Manufacturing Company. 169,718; June 26.
Cotton, silk and cotton, and silk goods in the piece. E. Meyer. 173,370; Sept. 25; Serial No. 178,764; published May 22, 1923.
Cotton, silk and cotton, linen, etc., piece goods. Richardson Dry Goods Co. 170,456; July 17; Serial No. 172,351; published Apr. 10, 1923.
Cotton, silk, and linen goods and mixtures, all in the piece. Jacob Miller's Sons Co. 165,450; Mar. 13; Serial No. 171,429; published Jan. 2, 1923.
Cotton, silk, and woolen piece goods. Lutz & Zuellig. 170,211–2; July 10; Serial Nos. 142,219–20; published Apr. 10, 1923.
Cotton, silk, etc., piece goods. Coppel Bros. 164,018; Feb. 6.
Cotton, silk, etc., piece goods. Gargoyle Textile Corporation. 169,489; June 19; Serial No. 118,597; published Nov. 4, 1919.

Classified list of trade-marks registered—Continued.

Cotton, silk, linen, etc., goods in the piece. Jacob Miller's Sons Co. 174,195; Oct. 9; Serial No. 181,036; published July 17, 1923.
Cotton, silk, linen, etc., goods in the piece. Jacob Miller's Sons Co. 174,196–7; Oct. 9; Serial Nos. 181,033–4; published July 17, 1923.
Cotton, silk, linen, etc., piece goods. Jacob Miller's Sons Co. 175,161; Oct. 30; Serial No. 181,035; published Aug. 14, 1923.
Cotton, silk, wool, etc., fabrics. Hecht & Mendes Incorporated. 174,897; Oct. 23; Serial No. 178,560; published July 31, 1923.
Cotton, silk, woolen, etc., piece goods, ribbon. American Lady Corset Company. 175,548; Nov. 6; Serial No. 179,917; published Aug. 28, 1923.
Cotton, silk, woolen, or jute fabrics. W. H. Harris. 172,902; Sept. 11; Serial No. 177,780; published June 5, 1923.
Cotton, wool, silk, and mixtures in the piece, Textile fabrics of. Brownstein-Louis Co. 171,594; Aug. 7; Serial No. 176,160; published May 15, 1923.
Cotton, wool, silk, and worsted or hair piece goods. J. Maddocks. 23,713; renewed Oct. 17, 1923.
Cotton, wool, silk, etc., drapery fabrics. Joseph Derk & Co. 169,674; June 26; Serial No. 174,385; published Mar. 27, 1923.
Cotton, woolen, and half-wool piece goods. H. A. John. 166,956; Apr. 17; Serial No. 170,389; published Jan. 23, 1923.
Cotton, woolen, and silk goods and combination goods in the piece. W. A. Lippincott Company. 165,536; Mar. 13; Serial No. 159,590; published Nov. 7, 1922.
Cotton, woolen, and silk piece goods. W. R. Grace & Co. 166,826; Apr. 17; Serial No. 171,269; published Feb. 6, 1923.
Cotton, woolen, and silk piece goods and combinations thereof. James F. White & Co. 171,788; Aug. 14; Serial No. 178,648; published May 22, 1923.
Cotton, woolen, or silk piece goods. H. J. Cathcart. 168,677; May 29; Serial No. 143,983; published June 7, 1921.
Cotton, woolen, or silk piece goods. Crompton Company. 163,302; Jan. 9.
Cottons in the piece, Brown. Louis Stix Co. 171,790; Aug. 14; Serial No. 178,639; published May 22, 1923.
Crêpe printed, woven, and in plain colors, Cotton. Consolidated Textile Corporation. 166,954; Apr. 17; Serial No. 170,808; published Jan. 30, 1923.
Crêpes and silk goods in the piece and veilings. Louis Roessel & Co. 171,862; Aug. 14; Serial No. 174,529; published May 22, 1923.
Cretonnes in the piece. Graffin & Dolson. 172,847; Sept. 11; Serial No. 176,462; published June 5, 1923.
Cretonnes in the piece, valances, and curtains. Montague & Co. 171,394; Aug. 7; Serial No. 177,015; published May 1, 1923.
Cretonnes, linens, reps, etc. Atkinson, Wade & Co. 175,608; Nov. 6; Serial No. 173,342; published Aug. 28, 1923.
Cretonnes, tapestries, and draperies in the piece. Pamlico Cottons, Ltd. 173,154; Sept. 18; Serial No. 150,464; published June 19, 1923.
Curtains and nets or curtain lace in piece goods, Lace. John Bromley & Sons, Incorporated. 170,975; July 24.
Curtains and nets or curtain lace in piece goods, Lace. Quaker Lace Company. 164,786; Feb. 27.
Curtains and nets or curtain lace in piece goods, Lace. Quaker Lace Company. 171,902; Aug. 14.
Curtains and nets or curtain lace in the piece, Lace. Quaker Lace Company. 175,020; Oct. 30; Serial No. 177,326; published Aug. 7, 1923.
Curtains, draperies, and open-mesh netted fabric. F. E. Strohmeier. 167,101; Apr. 24; Serial No. 169,091; published Feb. 6, 1923.
Damasks, pattern tablecloths and napkins of damask, Gray and bleached table. Pauline Mills, Inc. 165,708; Mar. 20; Serial No. 168,374; published Dec. 12, 1922.
Denims, ticking, outings, cantons, and cheviots. Davenport Brothers. 163,304; Jan. 9.
Diapering in the piece. Forney & Co. 168,719; May 29; Serial No. 171,753; published Mar. 6, 1923.
Doilies. Perlmann, Schal & Stern. 163,979; Feb. 6.
Draperies. Schwarzenbach Huber Company. 177,658; Dec. 25; Serial No. 181,415; published Oct. 2, 1923.
Draperies, Twill cotton. Pacific Mills. 168,986; May 29.
Dress goods and all knit fabrics. Gropper Knitting Mills, Inc. 175,077; Oct. 30; Serial No. 169,807; published Aug. 7, 1923.
Drilling in the piece, Cotton. Minot, Hooper & Co. 174,801; Oct. 23; Serial No. 180,714; published July 31, 1923.
Dry goods. Farley Harvey Company. 175,952; Nov. 13; Serial No. 183,204; published Sept. 4, 1923.
Dry goods. Farley Harvey Company. 177,486; Dec. 18; Serial No. 183,205; published Sept. 25, 1923.
Embroideries, handkerchiefs, laces, and cotton and silk goods. Morisse Lace & Embroidery Co. 175,007; Oct. 30; Serial No. 177,986; published Aug. 7, 1923.
Fabrics. Putnam-Hooker Company. 175,398; Nov. 6; Serial No. 148,033; published Aug. 21, 1923.
Fabrics in the piece. Salt's Textile Manufacturing Company. 177,634; Dec. 25; Serial No. 173,677; published Apr. 10, 1923.
Fabrics in the piece, blankets, automobile and carriage robes, etc. Salt's Textile Manufacturing Company. 165,444; Mar. 13; Serial No. 165,308; published Jan. 2, 1923.
Fabrics in the piece, blankets, automobile and carriage robes, steamer rugs, etc. Salts' Textile Manufacturing Company. 164,596; Feb. 20.
Fabrics in the piece composed in whole or in part of silk, Woven, knitted, netted, textile, and pile. Cheney Brothers. 163,926; Feb. 6.
Fabrics in the piece, Pile. Sidney Blumenthal & Co. 163,279–80; Jan. 9.
Fabrics in the piece, Pile. Sidney Blumenthal & Co. 163,985; Feb. 6.
Fabric in the piece, Pile. Sidney Blumenthal & Co. 163,977; Feb. 6.
Fabrics in the piece, Pile. Sidney Blumenthal & Co. 165,694; Mar. 20; Serial No. 170,118; published Dec. 26, 1922.
Fabrics in the piece, Pile. Sidney Blumenthal & Co. Inc. 166,947; Apr. 17; Serial No. 171,894; published Jan. 30, 1923.
Fabrics in the piece, Pile. Sidney Blumenthal & Co. 167,936; May 8; Serial No. 173,559; published Feb. 20, 1923.
Fabrics in the piece, Pile. Sidney Blumenthal & Co. 168,044; May 15; Serial No. 173,164; published Feb. 13, 1923.
Fabrics in the piece, Pile. Sidney Blumenthal & Co. Inc. 169,672; June 26; Serial No. 174,687; published Mar. 27, 1923.
Fabrics in the piece, Pile. Sidney Blumenthal & Co. Inc. 169,677; June 26; Serial No. 173,909; published Mar. 27, 1923.
Fabrics in the piece, Pile. Sidney Blumenthal & Co. Inc. 170,636; July 17; Serial No. 175,767; published Apr. 17, 1923.
Fabrics in the piece, Pile. Sidney Blumenthal & Co. 171,979–80; Aug. 21; Serial Nos. 178,810–11; published May 22, 1923.
Fabrics in the piece, Pile. Sidney Blumenthal & Co. 175,553; Nov. 6; Serial No. 179,848; published Aug. 28, 1923.
Fabrics in the piece, Pile. Salt's Textile Manufacturing Company. 173,357; Sept. 25; Serial No. 159,118; published June 26, 1923.
Fabrics in the piece, Woven, knitted, netted, textile, and pile. Cheney Brothers. 165,685; Mar. 20; Serial No. 170,425; published Dec. 26, 1922.
Fabrics, Jacquard-woven. Rosemary Manufacturing Company. 173,269; Sept. 18; Serial No. 175,027; published June 19, 1923.
Fabrics, Netted or widemesh. James Thompson & Co. 173,365; Sept. 25; Serial No. 179,631; published July 3, 1923.
Fabrics of silk, artificial silk, cotton, and combinations of same. H. K. H. Silk Co. 168,216; May 15; Serial No. 172,474; published Feb. 13, 1923.
Fabrics, Pile. Sidney Blumenthal & Co. 163,424; Jan. 9.
Fabrics, Silk and silk-mixed. Cockcroft Silk Co. Inc. 171,620; Aug. 7; Serial No. 177,594; published May 1, 1923.
Fabrics, Textile. Tingue Manufacturing Company. 166,910; Apr. 17; Serial No. 170,102; published Jan. 30, 1923.
Felts, oil-press and cider-press cloths, cotton cloths, etc., Cotton-duck paper. Wm. E. Hooper & Sons. Co. 166,061; Mar. 27; Serial No. 168,153; published Dec. 12, 1922.
Flannels in the piece. Lamson Brothers Co. 163,509; Jan. 16.
Flannelette piece goods. Carter Dry Goods Co. 163,987; Feb. 6.
Gauze, Unmedicated. Griswoldville M'f'g Co. 171,533; Aug. 7; Serial No. 175,310; published May 8, 1923.
Gingham cloth in the piece. Planters and Merchants Mills. 171,445; Aug. 7; Serial No. 159,429; published Aug. 29, 1922.
Gingham in the piece. Marshall Field & Company. 170,337; July 10.
Gingham piece goods. Neuberger & Company. 173,723; Oct. 2; Serial No. 179,314; published July 10, 1923.
Ginghams. Stonecutter Mills Company. 173,532; Sept. 25.
Ginghams. Herbert B. Lederer Corp. 175,519; Nov. 6; Serial No. 177,089; published Aug. 28, 1923.
Ginghams, chambrays, cheviots, and knitted jersey cloth. Hosch Brothers Company. 167,762; May 8; Serial No. 170,194; published Feb. 13, 1923.
Ginghams in the piece. Carter Dry Goods Co. 166,220; Mar. 27; Serial No. 169,005; published Dec. 12, 1922.
Ginghams in the piece. Fred Butterfield & Co. 173,624; Oct. 2; Serial No. 165,343; published July 10, 1923.
Ginghams in the piece. Henry Glass & Co. 170,230; July 10; Serial No. 173,820; published Apr. 3, 1923.
Ginghams in the piece. Stonecutter Mills Co. 166,764; Apr. 10.
Haircloth. H. M. Schadewald. 163,447; Jan. 9.
Haircloth in the piece. Manhattan Hair Cloth Co. 163,952; Feb. 6.
Hair cloth in the piece, Camel's-. Wilkin & Adler. 168,152; May 15; Serial No. 172,710; published Feb. 13, 1923.

Hair cloth in the piece, Camel's-. Wilkin & Adler, Inc. 165,743; Mar. 20; Serial No. 171,717; published Jan. 2, 1923.
Hair nets. Ad-Packed Hair Net Co. 170,173–4; July 10; Serial No. 176,242–3; published Apr. 10, 1923.
Hair nets. Ad-Packed Hair Net Co. 170,176–7; July 10; Serial Nos. 176,240–1; published Apr. 10, 1923.
Hair nets. B. Altman & Co. 171,792; Aug. 14; Serial No. 178,540; published May 22, 1923.
Hair nets. Be-Neet Manufacturing Co. 174,087; Oct. 2; Serial No. 180,356; published July 10, 1923.
Hair nets. Bonnie-B Company. 163,854; Jan. 30.
Hair nets. Eastern Hair Net Trading Co. 166,944; Apr. 17; Serial No. 172,267; published Jan. 30, 1923.
Hair nets. Wm. Filene's Sons Company. 177,739; Dec. 25; Serial No. 163,147; published Sept. 26, 1922.
Hair nets. Fifth Avenue Trading Corporation. 166,208; Mar. 27; Serial No. 169,204; published Dec. 12, 1922.
Hair nets. J. Fleischer. 163,916; Feb. 6.
Hair nets. Fulghum & Company. 167,456; May 1; Serial No. 168,029; published Feb. 13, 1923.
Hair nets. Fulghum & Company. 171,162; July 31; Serial No. 176,613; published May 1, 1923.
Hair nets. Fulghum & Company. 176,101; Nov. 13.
Hair nets. J. Garfinkle. 171,560; Aug. 7; Serial No. 177,373; published May 1, 1923.
Hair nets. George Borgfeldt & Co. 173,702; Oct. 2; Serial No. 177,120; published June 19, 1923.
Hair nets. Globe Import Company. 171,618; Aug. 7; Serial No. 177,734; published May 15, 1923.
Hair nets. S. Glemby, Inc. 164,063; Feb. 13.
Hair nets. S. Glemby's Sons Co. 163,326; Jan. 9.
Hair nets. Gracenet Co. 171,407; Aug. 7; Serial No. 176,404; published May 8, 1923.
Hair nets. W. G. Hamilton. 167,752; May 8; Serial No. 170,820; published Feb. 13, 1923.
Hair nets. Hazel Net Company. 163,888; Feb. 6.
Hair nets. A. A. Julin. 171,132; July 31; Serial No. 159,509; published May 1, 1923.
Hair nets. Kaufmann Bros. 164,989; Feb. 27.
Hair nets. Kaufmann Bros. 166,126; Mar. 27; Serial No. 153,554; published Jan. 16, 1923.
Hair nets. Kaufmann Bros. 166,162; Mar. 27; Serial No. 153,555; published Jan. 16, 1923.
Hair nets. G. Klemperer. 163,967; Feb. 6.
Hair nets. L. H. Lewis Company. 166,952; Apr. 17; Serial No. 171,425; published Jan. 30, 1923.
Hair nets, Ladies'. R. Ginsberg & Bro. 174,882; Oct. 23; Serial No. 181,563; published Aug. 7, 1923.
Hair nets. R. A. Marschat. 163,925; Feb. 6.
Hair nets. Melba Manufacturing Company. 166,113; Mar. 27; Serial No. 150,697; published Sept. 13, 1921.
Hair net. F. G. Mitchell. 166,950; Apr. 17. Serial No. 171,855; published Jan. 23, 1923.
Hair nets. National Hair Goods Co. 173,161; Sept. 18; Serial No. 159,048; published June 12, 1923.
Hair nets. New York Merchandise Company. 163,377; Jan. 9.
Hair nets. Oriental Notions Company. 173,896; Oct. 2; Serial No. 177,019; published June 26, 1923.
Hair nets. Paristyle Novelty Co. Inc. 169,456; June 19; Serial No. 175,154; published Mar. 20, 1923.
Hair nets. Paristyle Novelty Co. 169,584; June 26; Serial No. 158,436; published Sept. 5, 1922.
Hair nets. Paristyle Novelty Co. 171,636; Aug. 7.
Hair nets. Paristyle Novelty Co. 173,565; Sept. 25.
Hair nets. Paristyle Novelty Co. 175,673; Nov. 6.
Hair nets. Samuel Bonat & Bro. 163,460; Jan. 16.
Hair nets. O. L. Stanard Dry Goods Co. 174,096; Oct. 2; Serial No. 179,491; published July 10, 1923.
Hair nets. Sitroux Importing Co. 175,445; Nov. 6; Serial No. 183,238; published Aug. 28, 1923.
Hair nets. Southern Commercial Co. 163,400; Jan. 9.
Hair nets. Southern Commercial Company. 172,916; Sept. 11; Serial No. 178,364; published May 29, 1923.
Hair nets. I. Trotsky. 177,437; Dec. 18; Serial No. 182,452; published Sept. 25, 1923.
Hair nets. Walker Webbing Co. 174,974; Oct. 30; Serial No. 155,725; published Aug. 7, 1923.
Hair nets. West Electric Hair Curler Company. 166,811; Apr. 17; Serial No. 167,591; published Jan. 23, 1923.
Hair nets. West Electric Hair Curler Company. 174,589; Oct. 23; Serial No. 179,838; published July 24, 1923.
Hair nets. Western Bottle Manufacturing Company. 171,796; Aug. 14; Serial No. 176,142; published May 22, 1923.
Hair nets. Wyman, Partridge & Co. 168,710; May 29; Serial No. 155,722; published Mar 13, 1923.
Hair nets and veils. Benjamin S. Freedman Co. 163,471; Jan. 16.
Hair nets and veils. National Trading Company. 167,976; May 8.
Hair nets, nettings, veilings, and veils. Gottschalk, Steinberg & Co. 170,890; July 24; Serial No. 160,286; published Sept. 5, 1922.
Hair nets, Women's. J. C. Penney Company. 174,125; Oct. 2; Serial No. 180,491; published July 10, 1923.
Handkerchiefs. L. Bloch. 174,086; Oct. 2; Serial No. 180,413; published July 10, 1923.
Handkerchiefs. H. J. Cathcart. 172,904; Sept. 11; Serial No. 177,545; published June 12, 1923.
Handkerchiefs. Cluett Peabody & Company. 165,458; Mar. 13; Serial No. 171,572; published Jan. 2, 1923.
Handkerchiefs. Cluett, Peabody & Company. 166,951; Apr. 17; Serial No. 171,787; published Jan. 30, 1923.
Handkerchiefs. N. M. Cohen. 169,449; June 19; Serial No. 172,796; published Mar. 20, 1923.
Handkerchiefs. Druggists' Supply Corporation. 175,172; Oct. 30; Serial No. 181,388; published Aug. 7, 1923.
Handkerchiefs. H. C. Eichhold. 177,071; Dec. 11; Serial No. 183,446; published Sept. 18, 1923.
Handkerchiefs. H. Engel & Sons. 165,017; Feb. 27.
Handkerchiefs. L. V. Johnson. 177,774; Dec. 25; Serial No. 184,245; published Oct. 2, 1923.
Handkerchiefs. J. Klein. 171,806; Aug. 14; Serial No. 177,388; published May 22, 1923.
Handkerchiefs. T. B. Lamb. 170,110; July 10; Serial No. 159,096; published Apr. 3, 1923.
Handkerchiefs. S. W. Magnus & Co. 175,661; Nov. 6; Serial No. 182,160; published Aug. 21, 1923.
Handkerchiefs. K. Mandell. 177,072; Dec. 11; Serial No. 183,580; published Sept. 18, 1923.
Handkerchiefs. New York Merchandise Company. 175,458; Nov. 6; Serial No. 182,603; published Aug. 28, 1923.
Handkerchiefs. J. Silberstein. 175,449; Nov. 6; Serial No. 183,088; published Aug. 28, 1923.
Handkerchiefs. Western Bottle Manufacturing Company. 164,780; Feb. 27.
Handkerchiefs. Wilson Brothers. 163,902; Feb. 6.
Handkerchiefs. Western Bottle Manfacturing Company. 170,182; July 10; Serial No. 176,144; published Apr. 10, 1923.
Handkerchiefs. Western Bottle Manufacturing Company. 170,186; July 10; Serial No. 176,139; published Apr. 10, 1923.
Handkerchiefs. Wyman, Partridge & Co. 168,578; May 29; Serial No. 162,861; published Mar. 6, 1923.
Handkerchiefs and cotton goods in the piece. Fred A. Wish Incorporated. 177,615; Dec. 25; Serial No. 182,636; published Oct. 9, 1923.
Handkerchiefs and hair nets. Western Bottle Manufacturing Company. 171,522; Aug. 7; Serial No. 176,136; published May 8, 1923.
Handkerchiefs, Children's. Acheson Harden Co. 174,949; Oct. 30; Serial No. 167,216; published Aug. 14, 1923.
Handkerchiefs, ribbons, nets, etc. Grande Maison de Blanc, Inc. 174,937; Oct. 30; Serial No. 175,142; published June 5, 1923.
Ironing board pads and covers, and washable mattress covers. Al-Lon Manufacturing Company. 175,129; Oct. 30; Serial No. 180,646; published Aug. 14, 1923.
Jute bagging. Ludlow Manufacturing Associates. 170,981; July 24.
Knitted cloth or fabric. Franklin Knitting Mills, Inc. 175,242; Oct. 30.
Knitted elastic fabric in the piece. James R. Kendrick Co. 174,957; Oct. 30; Serial No. 162,678; published Aug. 7, 1923.
Knitted fabrics. Argo Fabrics Corporation. 165,574; Mar. 13; Serial No. 162,094; published July 25, 1922.
Knitted fabrics in the piece. L. Kempner. 163,872; Feb. 6.
Knitted fabrics in the piece, etc. Knitted Textiles Corporation. 172,952; Sept. 11; Serial No. 174,311; published May 29, 1923.
Knitted goods in the piece, Elastic. Wallenstein Industrial Corp. 175,664; Nov. 6; Serial No. 182,489; published Aug. 21, 1923.
Knitted piece goods. Knitted Textiles Corporation. 165,944; Mar. 20.
Knitted piece goods. W. A. Lawrence Co. 165,485; Mar. 13; Serial No. 167,680; published Dec. 19, 1922.
Knitted piece goods. Rheinauer-Roth Knitting Mills, Inc. 173,748; Oct. 2; Serial No. 177,693; published June 26, 1923.
Knitted piece goods. Vandewart Company Incorporated. 175,034; Oct. 30; Serial No. 178,784; published Aug. 14, 1923.
Knitted piece goods of wool, worsted, etc. Rheinauer-Roth Knitting Mills, Inc. 172,903; Sept. 11; Serial No. 177,692; published June 5, 1923.
Knitted silk fabrics. Banner Silk Knitting Mills, Inc. 163,976; Feb. 6.
Knitted silk fabrics. Banner Silk Knitting Mills, Inc. 166,869; Apr. 17; Serial No. 163,254; published Jan. 30, 1923.
Knitted silk fabrics. Banner Silk Knitting Mills, Inc. 171,532; Aug. 7; Serial No. 175,377; published May 1, 1923.
Knitted silk fabrics. Banner Silk Knitting Mills, Inc. 174,157; Oct. 9; Serial No. 180,781; published July 17, 1923.
Knitted silk fabrics. Banner Silk Knitting Mills, Inc. 174,185; Oct. 9; Serial No. 180,784; published July 17, 1923.
Knitted silk fabrics. Banner Silk Knitting Mills, Inc. 177,692; Dec. 25; Serial No. 183,621; published Oct. 2, 1923.
Knitted silk fabrics. Banner Silk Knitting Mills, Inc. 177,781; Dec. 25; Serial No. 183,901; published Oct. 2, 1923.

Classified list of trade-marks registered—Continued.

Knitted wool and cotton goods in the piece. Vary Knit Co. 174,093; Oct. 2; Serial No. 179,836; published July 3, 1923.
Knitted woolen piece goods. Garfield Worsted Mills 174,899; Oct. 23; Serial No. 178,604; published July 31, 1923.
Knitted worsted and fiber-silk fabrics. Knitted Textiles Corporation. 174,636; Oct. 23; Serial No. 181,752; published Aug. 7, 1923.
Lace edgings in the piece. Marvello Lace Company. 170,661; July 17; Serial No. 168,220; published Apr. 24, 1923.
Laces and upholstery goods. Alb. & E. Henkels, Inc. 177,261; Dec. 11; Serial No. 169,210; published Sept. 11, 1923.
Laces and upholstery goods. Alb. & E. Henkels, Inc. 177,062; Dec. 11; Serial No. 169,211; published Sept. 11, 1923.
Laces, handkerchiefs, embroideries, etc. Nottingham Lace Works. 177,322; Dec. 18; Serial No. 179,317; published Sept. 25, 1923.
Laces, Silk, silk and fiber, and silk and wool. Lace-Net Importing Co. 173,180; Sept. 18; Serial No. 169,766; published June 12, 1923.
Laundry machines, Woven cotton feed ribbons for. Tingue, Brown & Co. 177,677; Dec. 25; Serial No. 175,532; published Oct. 2, 1923.
Lawns. Jones Brothers Limited. 171,970; Aug. 14.
Lawns, Printed. Passaic Print Works. 165,560; Mar. 13; Serial No. 156,406; published May 9, 1922.
Linen and cotton fabrics, in the piece, tablecloths, napkins, handkerchiefs, etc. James McCutcheon & Company. 166,915; Apr. 17; Serial No. 166,391; published Jan. 30, 1923.
Linen and cotton piece goods, etc. Derryvale Linen Co. 168,743; May 29; Serial No. 171,260; published Mar. 6, 1923.
Linen and cotton piece goods, etc. Derryvale Linen Co. 168,869; May 29; Serial No. 171,261; published Mar. 13, 1923.
Linen and cotton piece goods, towels, handkerchiefs, napkins, etc. Derryvale Linen Co. 170,250; July 10; 171,263; published Mar. 6, 1923.
Linen and linen union piece goods. York Street Flax Spinning Co. 163,911; Feb. 6.
Linen and union piece goods, Dyed. York Street Flax Spinning Co., Limited. 165,740; Mar. 20; Serial No. 169,693; published Dec. 26, 1922.
Linen, canvas, cotton, etc., piece goods. Lamport Export Company. 168,765; May 29; Serial No. 173,134; published Mar. 6, 1923.
Linen, canvas, cotton, and sailcloth piece goods. Lamport Company of Texas, Inc. 175,609; Nov. 6; Serial No. 173.133; published Aug. 28, 1923.
Linen goods in the piece, etc. Ireland Bros., Inc. 172,940; Sept. 11; Serial No. 161,255; published Oct. 17, 1922.
Linen, half-linen, and cotton fabrics. Linnenfabrieken E. J. F. Van Dissel & Zonen. 177,748; Dec. 25; Serial No. 179,611; published Oct. 2, 1923.
Linen, handkerchiefs, towels, curtains, etc., Table and bed. M. G. Guerra Co. Inc. 169,826; July 3; Serial No. 175,786; published Apr. 3, 1923.
Linen in the piece, linen table covers and napkins, Pure. T. Buettner & Co. 171,482; Aug. 7; Serial No. 177,895; published May 15, 1923.
Linen piece goods. J. A. Finn & Company. 177,481; Dec. 18; Serial No. 183,207; published Sept. 25, 1923.
Linen piece goods. Thomas Young Inc. 175,182; Oct. 30; Serial No. 181,231; published Aug. 14, 1923.
Linen, ramie, hemp, etc., piece goods. Montgomery L. Hart, Inc. 175,015; Oct. 30; Serial No. 177,488; published Aug. 7, 1923.
Linen small wares. York Street Flax Spinning Co. 166,466; Apr. 3; Serial No. 168,864; published Dec. 26, 1922.
Linens and decorated linens in the piece. Danda-Halpern Co. 172,901; Sept. 11; Serial No. 177,963; published June 12, 1923.
Linings, pocketings, and interlinings. Goetz-Berlin Co. 175,193; Oct. 30; Serial No. 175,486; published Aug. 7, 1923.
Linings, pocketings, and interlinings. Goetz-Berlin Co. 175,521; Nov. 6; Serial No. 175,485; published Aug. 28, 1923.
Madras in the piece. Carter Dry Goods Co. 171,505; Aug. 7; Serial No. 169,004; published May 15, 1923.
Mattress covers. H. S. Weil Co. 166,058; Mar. 27; Serial No. 168,188; published Dec. 12, 1922.
Mattress protectors. R. H. Macy & Co. 163,476; Jan. 16.
Mohair piece goods. Bradford Dyers' Association, Limited. 165,410; Mar. 6; Serial No. 122,513; published Dec. 2, 1919.
Muslin in the piece. Marshall Field & Company. 174,646; Oct. 23; Serial No. 181,263; published Aug. 7, 1923.
Muslin piece goods. Marshall Field & Company. 163,367; Jan. 9.
Nainsook, sheets, diaper cloth, quilts, and long cloth Meyer's Company. 166,916; Apr. 17; Serial No. 166,238; published Jan. 30, 1923.
Nankins and tickings in the piece. Freund, Freund & Company. 174,902; Oct. 23; Serial No. 178,835; published July 31, 1923.
Nets, draperies, and curtains made of cotton. Patchogue-Plymouth Mills Corporation. 171,367; Aug. 7; Serial No. 169,924; published May 8, 1923.
Padding or covering for flatwork ironers. Progressive Weaving Co. 169,549; June 19.
Percales in the piece. Carter Dry Goods Co. 171,452; Aug. 7; Serial No. 169,002; published May 15, 1923.
Percales in the piece. Carter Dry Goods Company. 173,183; Sept. 18; Serial No. 169,280; published June 19, 1923.
Piece goods. Bradford Dyers' Association, Limited. 168,781–2; May 29; Serial No. 122,462–3; published Feb. 27, 1923.
Piece goods. Bradford Dyers' Association, Limited. 168,783; May 29; Serial No. 122,512; published Feb. 27, 1923.
Piece goods. Bradford Dyers' Association, Limited. 168,784; May 29; Serial No. 122,515; published Feb. 27, 1923.
Piece goods. Bradford Dyers' Association, Limited. 168,791; May 29; Serial No. 132,074; published Mar. 6, 1923.
Piece goods. Lesher, Whitman & Co. 166,375; Apr. 3; Serial No. 169,813; published Dec. 19, 1922.
Piece goods. B. Priestley & Co. 23,962–3; renewed Jan. 2, 1924.
Piece goods, etc. Derryvale Linen Co. 168,744; May 29; Serial No. 171,262; published Mar. 6, 1923.
Piece goods, etc. Derryvale Linen Co. 168,745; May 29; Serial No. 171,264; published Mar. 6, 1923.
Piece goods for draperies. Geo. Brooks & Son Company. 175,644; Nov. 6; Serial No. 180,045; published Aug. 21, 1923.
Piece goods of wool, worsted, or hair. R. G. Maxwell & Co. 174,499; Oct. 16; Serial No. 181,605; published July 24, 1923.
Piece goods used as casket linings and trimmings. Theo. Tiedemann & Sons, Inc. 177,146; Dec. 11; Serial No. 151,725; published Mar. 6, 1923.
Pile fabric in the piece. S. Stroock & Company. 174,026; Oct. 2; Serial No. 176,434; published June 19, 1923.
Pile fabrics in the piece. Sidney Blumenthal & Co. 166,941; Apr. 17; Serial No. 171,895; published Jan. 30, 1923.
Pile fabrics in the piece. Sidney Blumenthal & Co. Inc. 171,589; Aug. 7; Serial No. 175,764; published May 15, 1923.
Pile fabrics in the piece. Sidney Blumenthal & Co. 175,662; Nov. 6; Serial No. 182,201; published Aug. 21, 1923.
Pile fabrics in the piece. Pennsylvania Textile Mills, Inc. 175,178; Oct. 30; Serial No. 181,307; published Aug. 7, 1923.
Pile fabrics in the piece. Salt's Textile Manufacturing Company. 177,687–8; Dec. 25; Serial Nos. 184,565–6; published Oct. 2, 1923.
Pile fabrics in the piece. Salt's Textile Manufacturing Company. 177,689; Dec. 25; Serial No. 184,523; published Oct. 2, 1923.
Pile fabrics in the piece. Salt's Textile Manufacturing Company. 177,765; Dec. 25; Serial No. 184,520; published Oct. 2, 1923.
Pillow and bolster cases, bed sheets, shams, scarfs, table covers, and napkins. Washington Embroidery Co. 169,963; July 10; Serial No. 174,805; published Apr. 10, 1923.
Pillow cases. Naumkeag Steam Cotton Co. 174,100–1; Oct. 2; Serial Nos. 145,957–8; published July 10, 1923.
Plushes in the piece, Mohair. Hind & Harrison Plush Co. 163,947; Feb. 6.
Pongee, Silk. J. A. Finn & Co. 168,539; May 29; Serial No. 157,561; published Feb. 27, 1923.
Poplins in the piece, Cotton. American Bleached Goods Company. 173,722; Oct. 2; Serial No. 179,255; published July 10, 1923.
Quilts and textile blankets. I. Rothchild. 175,549; Nov. 6; Serial No. 179,961; published Aug. 28, 1923.
Ribbons. Mapele Silk Manufacturing Co. 167,093; Apr. 24; Serial No. 166,781; published Jan. 30, 1923.
Ribbons. Vogue Weaving Co. 177,791; Dec. 25.
Ribbons. Wertheimer Brothers. 170,777; July 24; Serial No. 176,052; published Apr. 24, 1923.
Ribbons and hatbands. Cohen & Kraus. 169,541; June 19; Serial No. 169,892; published Mar. 20, 1923.
Ribbons, Cotton, silk, mercerized, etc. Warren Featherbone Company. 166,328; Mar. 27.
Ribbons in the piece. Corbett Bros. Co. 177,142; Dec. 11; Serial No. 150,848; published Dec. 13, 1921.
Ribbons in the piece. Johnson, Cowdin & Co. 167,075; Apr. 24; Serial No. 156,834; published Jan. 30, 1923.
Ribbons in the piece, Silk. Taylor-Friedsam Company. 166,948–9; Apr. 17; Serial Nos. 171,877–8; published Jan. 30, 1923.
Ribbons in the piece, Silk. Taylor-Friedsam Company. 171,825; Aug. 14; Serial No. 175,575; published May 22, 1923.
Ribbons in the piece, Silk and cotton. O. Lion. 177,152; Dec. 11; Serial No. 182,249; published Sept. 18, 1923.
Ribbons, Silk. Ernest & Herman Levy, Inc. 163,229; Jan. 2.

Ribbons, towels and toweling, tapestry, and piece goods. Bernhard Ulmann Co. 169,035; May 29.
Robes, blankets, and goods in the piece, Auto. Portland Woolen Mils. 171,969; Aug. 14.
Rugs and carpets. O. W. Richardson & Co. 171,632; Aug. 7; Serial No. 175,944; published May 15, 1923.
Rugs and carpets, Textile. O. W. Richardson & Co. 175,083; Oct. 30; Serial No. 168,552; published Aug. 14, 1923.
Rugs and carpets, Textile. Taylor Carpet Co. 166,064; Mar. 27; Serial No. 168,081; published Dec. 12, 1922.
Rugs and carpets, Wilton. Marshall Field & Company. 165,031; Feb. 27.
Rugs and hair nets, Handmade Chinese wool. Stero Corporation. 177,772; Dec. 25; Serial No. 184,191; published Oct. 2, 1923.
Rugs, carpets, and other textile floor coverings. Mars Grand Rug Co. 177,067; Dec. 11; Serial No. 183,390; published Sept. 18, 1923.
Rugs, Chenille. Crex Carpet Company. 164,264; Feb. 13.
Rugs, Chenille. Firth Carpet Company. 177,487; Dec. 18; Serial No. 183,142; published Sept. 25, 1923.
Rugs made of grass and fiber. Hillside Cotton Mills. 165,449; Mar. 13; Serial No. 171,366; published Jan. 2, 1923.
Rugs, Textile. C. W. Kayser. 165,757; Mar. 20; Serial No. 170,530; published Jan. 2, 1923.
Rugs, Textile. Kent-Costikyan Trading Company Inc. 170,774; July 24; Serial No. 175,661; published Apr. 24, 1923.
Rugs, Wool. Philadelphia Rug Mills, Inc. 168,403; May 22; Serial No. 171,549; published Feb. 20, 1923.
Sateen in the piece. Marshall Field & Company. 169,933; July 3.
Sateen in the piece, Shadow-stripe cotton. Bedford Mills, Inc. 168,852; May 29; Serial No. 174,059; published Mar. 6, 1923.
Satin in the piece, Cotton-back. Schwarzenbach Huber Company. 173,374; Sept. 25; Serial No. 180,146; published July 3, 1923.
Serge piece goods. H. Mitchell. 172,846; Sept. 11; Serial No. 176,492; published June 5, 1923.
Serges in the piece. Howse, Mead & Sons, Lt. 173,010; Sept. 11; Serial No. 178,722; published June 5, 1923.
Serges, satins, and silks in the piece. Philipsborn's, Inc. 171,897; Aug. 14.
Shade cloth, Window-. Chemitex Products Company. 168,584; May 29; Serial No. 163,434; published Mar. 6, 1923.
Sheeting, Cotton. American Company for International Commerce. 166,784; Apr. 17; Serial No. 161,102; published July 25, 1922.
Sheeting for covering the padding on ironing rolls, Cotton. Tingue, Brown & Co. 166,909; Apr. 17; Serial No. 170,166; published Jan. 23, 1923.
Sheeting, knitted padding, netting, and canvas and duck piece goods, Cotton. Tingue, Brown & Co. 166,908; Apr. 17; Serial No. 170,167; published Jan. 30, 1923.
Sheeting, Unbleached. Consolidated Textile Corporation. 174,819; Oct. 23; Serial No. 172,031; published July 24, 1923.
Sheetings. Piedmont Manufacturing Company. 163,483; Jan. 16.
Sheetings and cloths in bolts, Cotton. George W. Kavanaugh, Inc. 170,602; July 17; Serial No. 134,825; published Feb. 14, 1923.
Sheetings and drills, Unbleached. R. A. Suffern. 171,208; July 31; Serial No. 157,109; published Apr. 17, 1923.
Sheetings and drills, Unbleached. R. A. Suffern. 171,312; Aug. 7; Serial No. 166,856; published Mar. 27, 1923.
Sheetings and shirtings. Pacific Mills. 171,448; Aug. 7; Serial No. 158,725; published May 8, 1923.
Sheetings and pillowcases. Service Equipment Co. 175,446; Nov. 6; Serial No. 183,236; published Aug. 28, 1923.
Sheetings, Cotton. Columbus Manufacturing Company. 163,465; Jan. 16.
Sheets and pillowcases. Abraham & Straus, Inc. 177,154; Dec. 11; Serial No. 182,279; published Sept. 18, 1923.
Sheets and pillow cases. Ely & Walker Dry Goods Company. 170,702; July 24; Serial No. 150,141; published Nov. 8, 1921.
Sheets and pillowcases. B. B. & R. Knight, Inc. 175,314; Nov. 6; Serial No. 181,489; published Aug. 7, 1923.
Sheets and pillowcases. Marshall Field & Company. 169,991; July 10; Serial No. 140,289; published Apr. 10, 1923.
Sheets and sheeting, Cotton. Great Falls Manufacturing Company. 163,578; Jan. 23.
Sheets, pillowcases, bedspreads, table linens, towels, Bed. Mosse, Inc. 176,201; Nov. 20; Serial No. 180,022; published Aug. 21, 1923.
Sheets, spreads, and pillowcases, Bed. Schindel & McDaniels. 172,841; Sept. 11; Serial No. 177,521; published June 5, 1923.
Shirtings. W. Harris Thurston & Co. 175,405; Nov. 6; Serial No. 160,100; published July 17, 1923.
Shirtings and percales, Printed. Everett, Heaney & Co Inc. 170,952; July 24; Serial No. 166,823; published Apr. 24, 1923.
Shirtings and percales, Printed. Everett, Heaney & Co. Inc. 170,953; July 24; Serial No. 166,820; published Apr. 24, 1923.
Shirtings and percales, Printed. Everett, Heaney & Co. 172,614; Sept. 11; Serial No. 166,821; published June 5, 1923.
Shoe fabrics. Peters Manufacturing Company. 170,179; July 10; Serial No. 176,209; published Apr. 10, 1923.
Silk and artificial-silk cotton, linen, etc., piece goods. Schwarzenbach Huber Company. 173,359; Sept. 25; Serial No. 180,145; published July 3, 1923.
Silk and cotton and cotton fabrics, Printed and piece-dyed. Clarence Whitman & Son, Inc. 173,411; Sept. 25; Serial No. 177,713; published June 26, 1923.
Silk and cotton crêpe in the piece. Tilton & Keeler, Inc. 173,701; Oct. 2; Serial No. 177,149; published June 19, 1923.
Silk and cotton goods in the piece, Woven and knitted. Artsilk Knitting Mills. 165,943; Mar. 20.
Silk and cotton piece goods. Marshall Field & Company. 169,688; June 26; Serial No. 165,923; published Mar. 27, 1923.
Silk and cotton warp mixture piece goods. Nathan & Cohen Co. 165,583; Mar. 13; Serial No. 162,999; published Jan. 2, 1923.
Silk and crêpe silk piece goods. Tuxedo Shirt Co. 169,939; July 3.
Silk and ramie piece goods, Combination of. H. G. Warland. 168,762; May 29; Serial No. 173,060; published Mar. 6, 1923.
Silk and satin piece goods. McLane Silk Company. 177,483; Dec. 18; Serial No. 183,221; published Sept. 25, 1923.
Silk and silk cotton and artificial-silk goods in piece. Artsilk Knitting Mills. 173,189; Sept. 18; Serial No. 168,348; published June 12, 1923.
Silk and silk-mixture fabrics in the piece. Wechsler-Barber Silk Co. 165,683; Mar. 20; Serial No. 170,454; published Dec. 26, 1922.
Silk and velvet goods in the piece, Hand-decorated. C. E. Garratt. 172,837; Sept. 11; Serial No. 178,915; published June 5, 1923.
Silk and wool crêpe in the piece. M. C. Hoffman & Co. 171,402; Aug. 7; Serial No. 176,546; published May 1, 1923.
Silk and wool fabrics and mixtures thereof in the piece. J. A. Migel, Inc. 174,259; Oct. 9; Serial No. 177,505; published May 29, 1923.
Silk and wool mixed piece goods. Susquehanna Silk Mills. 177,664; Dec. 25; Serial No. 181,155; published Oct. 9, 1923.
Silk, artificial-silk, cotton, wool piece goods, etc. Jas. G. Johnson & Co. 169,112; June 5.
Silk, artificial-silk, etc., piece goods. Jersey Silk Mills. 177,649; Dec. 25; Serial No. 182,817; published Oct. 2, 1923.
Silk, artificial-silk, etc., piece goods. Jersey Silk Mills. 177,714; Dec. 25; Serial No. 182,819; published Oct. 9, 1923.
Silk and artificial-silk piece goods, cotton, wool, and combinations thereof. M. Feist. 166,369; Apr. 3; Serial No. 170,059; published Jan. 9, 1923.
Silk, artificial silk, wool piece goods and combinations thereof. Travis, Romaine & Jellé, Inc. 172,660; Sept. 11; Serial No. 174,543; published May 29, 1923.
Silk, artificial-silk, woolen, etc. fabrics in the piece. Golding Fabrics Corporation. 165,631; Mar. 13.
Silk chiffon cloth. Voss & Stern. 177,766; Dec. 25; Serial No. 184,372; published Oct. 2, 1923.
Silk-cloth piece goods only. Kingsboro Silk Mills, Inc. 163,351; Jan. 9.
Silk, cotton, and a mixture of silk and cotton piece goods. A. S. Rosenthal Company. 177,494; Dec. 18; Serial No. 182,933; published Sept. 25, 1923.
Silk, cotton, and silk and cotton mixed piece goods. L. Schoolhouse. 171,613; Aug. 7; Serial No. 177,876; published May 15, 1923.
Silk, cotton and silk, and silk and wool piece goods. Oriental Silk Printing Company. 166,992; Apr. 17.
Silk, cotton, and textiles in the piece and by the yard. H. Meyers Co. 175,663; Nov. 6; Serial No. 182,254; published Aug. 21, 1923.
Silk, cotton and wool, etc., fabrics in the piece. Abraham Cohen & Son. 165,695; Mar. 20; Serial No. 170,127; published Dec. 26, 1922.
Silk, cotton, and wool piece goods and combinations thereof. Arthur Beir & Co. 175,524; Nov. 6; Serial No. 174,953; published Aug. 28, 1923.
Silk, cotton, and wool piece goods and combinations thereof, etc. S. Sinai. 165,737; Mar. 20; Serial No. 169,607; published Jan. 2, 1923.
Silk, cotton, and wool piece goods and mixtures of same. Hyman Bauman & Co. 171,976; Aug. 21; Serial No. 178,657; published May 22, 1923.
Silk, cotton, cotton and silk piece goods. Oriental Silk Printing Company. 165,578; Mar. 13; Serial No. 162,439; published Dec. 26, 1922.
Silk, cotton, etc., piece goods. Haas Brothers Fabrics Corporation. 177,073–4; Dec. 11; Serial Nos. 183,740–1; published Sept. 18, 1923.

Classified list of trade-marks registered—Continued.

Silk, cotton, etc., piece goods. Haas Brothers Fabrics Corporation. 177,078; Dec. 11; Serial No. 183,742; published Sept. 18, 1923.
Silk, cotton, etc., piece goods. Société Rodier. 174,085; Oct. 2; Serial No. 180,504; published July 10, 1923.
Silk, cotton, etc., piece goods. Société Rodier. 174,084; Oct. 2; Serial No. 180,506; published July 10, 1923.
Silk, cotton, etc., piece goods. Travis, Romaine & Jellé, Inc. 170,742; July 24; Serial No. 174,545; published Apr. 24, 1923.
Silk, cotton, etc., piece goods and combinations thereof. Travis, Romaine & Jellé, Inc. 171,860; Aug. 14; Serial No. 174,544; published May 22, 1923.
Silk, cotton, linen, and woolen piece goods. Haas Brothers Fabrics Corporation. 177,075; Dec. 11; Serial No. 183,738; published Sept. 18, 1923.
Silk, cotton, linen, and woolen piece goods. Haas Brothers Fabrics Corporation. 175,464; Nov. 6; Serial No. 182,344; published Aug. 28, 1923.
Silk, cotton, linen, and woolen piece goods. Roubaix Mills, Inc. 175,461; Nov. 6; Serial No. 182,359; published Aug. 28, 1923.
Silk, cotton, wool, and mixtures of same piece goods. Societe Rodier. 175,542; Nov. 6; Serial No. 180,505; published Aug. 28, 1923.
Silk crêpe piece goods. Zollinger and Schroth, Inc. 168,770; May 29; Serial No. 173,869; published Mar. 6, 1923.
Silk fabric, All-. A. S. Rosenthal Co. 171,405; Aug. 7; Serial No. 176,502; published May 1, 1923.
Silk fabrics. Corticelli Silk Compnay. 174,158; Oct. 9; Serial No. 180,590; published July 17, 1923.
Silk fabrics. Golding Fabrics Corporation. 174,190; Oct. 9; Serial No. 181,183; published July 17, 1923.
Silk fabrics. Golding Fabrics Corporation. 174,200; Oct. 9; Serial No. 180,859; published July 17, 1923.
Silk fabrics. Golding Fabrics Corporation. 175,183; Oct. 30; Serial No. 181,181; published July 17, 1923.
Silk fabrics. Golding Fabrics Corporation. 175,444; Nov. 6; Serial No. 183,336; published Aug. 28, 1923.
Silk fabrics in the piece. Cheney Brothers. 166,381; Apr. 3; Serial No. 169,701; published Dec. 19, 1922.
Silk fabrics in the piece. Cheney Brothers. 174,126; Oct. 2; Serial No. 180,521; published July 10, 1923.
Silk fabrics in the piece. Cheney Brothers. 174,193; Oct. 9; Serial No. 181,061; published July 17, 1923.
Silk fabrics in the piece. J. H. & C. K. Eagle, Inc. 168,706; May 29; Serial No. 151,154; published Mar. 13, 1923.
Silk fabrics in the piece. Schoonmaker Bros. & Company. 177,151; Dec. 11; Serial No. 182,360; published Sept. 18, 1923.
Silk goods in the piece. Hess, Goldsmith & Co. 165,563; Mar. 13; Serial No. 157,064; published Dec. 26, 1922
Silk goods in the piece. Moss Brothers. 177,101; Dec. 11; Serial No. 170,444; published Sept. 18, 1923.
Silk goods in the piece. Salembier & Clay, Inc. 170,185; July 10; Serial No. 176,045; published Apr. 10, 1923.
Silk goods in the piece, Broad. Lenapé Silk Company. 170,044; July 10; Serial No. 175,089; published Apr. 10, 1923.
Silk in the piece, Artificial. R. H. Macy & Co. 177,438; Dec. 18; Serial No. 182,314; published Sept. 25, 1923.
Silk in the piece, Artificial. L. & E. Stirn. 169,627; June 26; Serial No. 173,685; published Mar. 13, 1923.
Silk in the piece, Broad. Artsilk Knitting Mills. 173,181; Sept. 18; Serial No. 169,743; published June 19, 1923.
Silk knitted cloth in the bolt. Banner Silk Knitting Mills, Inc. 163,927; Feb. 6.
Silk knitted cloth in the piece. Banner Silk Knitting Mills, Inc. 171,625; Aug. 7; Serial No. 177,161; published May 22, 1923.
Silk, linen, cotton, and jute piece goods and mixtures. Clarendon M'f'g Company. 169,542; June 19; Serial No. 170,054; published Nov. 7, 1922.
Silk, linen, woolen, and cotton piece goods and combinations thereof. Haas Brothers Fabrics Corporation. 173,318; Sept. 25; Serial No. 165,865; published Aug. 29, 1922.
Silk or silk-mixture fabrics, silk blankets. Herzog & Co. 163,337; Jan. 9.
Silk piece goods. Duplan Silk Corporation. 163,311; Jan. 9.
Silk piece goods. Duplan Silk Corporation. 170,315; July 10; Serial No. 175,473; published Apr. 3, 1923.
Silk piece goods. Duplan Silk Corporation. 173,281; Sept. 18; Serial No. 178,974; published June 12, 1923.
Silk piece goods. Duplan Silk Corporation. 173,282–3; Sept. 18; Serial Nos. 178,970–1; published June 12, 1923.
Silk piece goods. Duplan Silk Corporation. 173,284; Sept. 18; Serial No. 178,973; published June 12, 1923.
Silk piece goods. Duplan Silk Corporation. 173,285; Sept. 18; Serial No. 178,975; published June 12, 1923.
Silk piece goods. Duplan Silk Corporation. 173,286–8; Sept. 18; Serial Nos. 178,977–9; published June 12, 1923.
Silk piece goods. Duplan Silk Corporation. 173,540; Sept. 25.
Silk piece goods. Duplan Silk Corporation. 174,079–82; Oct. 2; Serial Nos. 181,257–60; published July 17, 1923.
Silk piece goods. Duplan Silk Corporation. 174,188–9; Oct. 9; Serial Nos. 181,255–6; published July 17, 1923.
Silk piece goods. Duplan Silk Corporation. 175,563; Nov. 6; Serial No. 178,976; published July 12, 1923.
Silk piece goods. Duplan Silk Corporation. 177,477; Dec. 18; Serial No. 183,262; published Sept. 25, 1923.
Silk piece goods. Empire Silk Company. 171,389; Aug. 7; Serial No. 177,368; published May 1, 1923.
Silk piece goods. Empire Silk Company. 174,191; Oct. 9; Serial No. 181,178; published July 17, 1923.
Silk piece goods. Empire Silk Company. 174,631; Oct. 23; Serial No. 179,663; published July 31, 1923.
Silk piece goods. Empire Silk Company. 177,342; Dec. 18; Serial No. 181,177; published Sept. 25, 1923.
Silk piece goods. Empire Silk Company. 177,690; Dec. 25; Serial No. 184,605; published Oct. 2, 1923.
Silk piece goods. Golding Fabrics Corporation. 166,906; Apr. 17; Serial No. 170,276; published Jan. 23, 1923.
Silk piece goods. Golding Fabrics Corporation. 166,937; Apr. 17; Serial No. 170,278; published Jan. 30, 1923.
Silk piece goods. Golding Fabrics Corporation. 167,044; Apr. 24; Serial No. 170,376; published Jan. 30, 1923.
Silk piece goods. Golding Fabrics Corporation. 168,870; May 29; Serial No. 170,647; published Mar. 13, 1923.
Silk piece gods. Golding Fabrics Corporation. 169,800; July 3; Serial No. 170,277; published Mar. 27, 1923.
Silk piece goods. Golding Fabrics Corporation. 175,315; Nov. 6; Serial No. 181,182; published Aug. 14, 1923.
Silk piece goods. Haas Brothers Fabrics Corporation. 171,615–6; Aug. 7; Serial No. 177,844–5; published May 15, 1923.
Silk piece goods. M. A. Heyman. 172,928; Sept. 11; Serial No. 176,407; published May 29, 1923.
Silk piece goods. H. R. Mallinson & Co. 167,670; May 8; Serial No. 172,755; published Feb. 13, 1923.
Silk piece goods. H. R. Mallinson & Co. 168,043; May 15; Serial No. 173,138; published Feb. 13, 1923.
Silk piece goods. H. R. Mallinson & Co. Inc. 168,760; May 29; Serial No. 172,754; published Mar. 6, 1923.
Silk piece goods. H. R. Mallinson & Co. 168,761; May 29; Serial No. 172,756; published Feb. 13, 1923.
Silk piece goods. H. R. Mallinson & Co. 170,502; July 17; Serial No. 173,139; published Apr. 24, 1923.
Silk piece goods. H. R. Mallinson & Co. 170,527; July 17; Serial No. 174,020; published Apr. 17, 1923.
Silk piece goods. H. R. Mallinson & Co. Inc. 171,392; Aug. 7; Serial No. 177,092; published May 1, 1923.
Silk piece goods. H. R. Mallinson & Co. Inc. 171,472; Aug. 7; Serial No. 178,524; published May 15, 1923.
Silk piece goods. H. R. Mallinson & Co. Inc. 171,477; Aug. 7; Serial No. 178,110; published May 15, 1923.
Silk piece goods. Muser Brothers. 166,150; Mar. 27; Serial No. 156,848; published June 27, 1922.
Silk piece goods. B. Priestley & Co. 23,991; renewed Jan. 2, 1924.
Silk piece goods. E. A. Rieger. 165,923; Mar. 20.
Silk piece goods. E. A. Rieger. 166,953; Apr. 17; Serial No. 170,899; published Jan. 30, 1923.
Silk piece goods. Robinson Silk Company. 165,325; Mar. 6; Serial No. 169,505; published Dec. 12, 1922.
Silk piece goods. Robinson Silk Company. 165,346; Mar. 6; Serial No. 169,507; published Dec. 12, 1922.
Silk piece goods. Robinson Silk Company. 165,347–9; Mar. 6; Serial Nos. 169,501–3; published Dec. 12, 1922.
Silk piece goods. Robinson Silk Company. 165,350; Mar. 6; Serial No. 169,499; published Dec. 12, 1922.
Silk piece goods. Robinson Silk Co. 166,386–7; Apr. 3; Serial Nos. 169,497–8; published Dec. 12, 1922.
Silk piece goods. Robinson Silk Company. 166,957; Apr. 17; Serial No. 170,309; published Jan. 30, 1923.
Silk piece goods. Robinson Silk Company. 167,046–7; Apr. 24; Serial Nos. 170,310–11; published Jan. 30. 1923.
Silk piece goods. Robinson Silk Company. 175,423; Nov. 6; Serial No. 169,500; published Mar. 27, 1923.
Silk piece goods. D. I. Salomon. 172,930; Sept. 11; Serial No. 172,397; published June 26, 1923.
Silk piece goods. Schwarzenbach Huber Company. 172,973; Sept. 11; Serial No. 174,412; published June 5, 1923.
Silk piece goods. Standard Silk Dyeing Co. 172,483; Aug. 28.
Silk piece goods. Susquehanna Silk Mills. 172,762; Sept. 11; Serial No. 174,868; published Apr. 17, 1923.
Silk piece goods. Tuxedo Shirt Co. 169,928; July 3.
Silk piece goods. Voss & Stern. 173,248; Sept. 18; Serial No. 160,325; published June 19, 1923.
Silk piece goods. Wechsler Barber Silk Company. 174,654; Oct. 23; Serial No. 181,506; published Aug. 7, 1923.
Silk piece goods, All-. Susquehanna Silk Mills. 177,663; Dec. 25; Serial No. 181,154; published Oct. 9, 1923.
Silk piece goods and artificial-silk, cotton, etc., piece goods and combinations thereof. Bentley & Twohey Silk Co. 173,324; Sept. 25; Serial No. 172,197; published June 26, 1923.
Silk piece goods and silk and cotton mixture piece goods. Samuel Eiseman & Co. 172,597; Sept. 11; Serial No. 171,691; published June 5, 1923.
Silk piece goods, Broad. Duplan Silk Corporation. 163,308; Jan. 9.

Silk ribbons in the piece. W. V. Judkins & Son. 173,750; Oct. 2; Serial No. 177,672; published June 26, 1923.
Silk, silk and artificial-silk, etc., piece goods. Jersey Silk Mills. 177,715; Dec. 25; Serial No. 182,821; published Oct. 2, 1923.
Silk, silk and cotton mixed, and cotton piece goods. Fried. Mendelson & Co. 167,892; May 8; Serial No. 168,148; published Feb. 13, 1923.
Silk, silk and cotton, silk and wool, etc., in the piece. T. J. Mitchell & Co. 164,964; Feb. 27.
Silk, wool, cotton, linen piece goods and combinations thereof. Meridian Textile Corporation. 166,845; Apr. 17; Serial No. 166,392; published Aug. 8, 1922.
Silks and laces in the piece. Chas. A. Stevens & Bros. 177,150; Dec. 11; Serial No. 182,447; published Sept. 11, 1923.
Silks and silk and cotton goods in the piece, Broad. H. Kobayashi & Co. 173,176; Sept. 18; Serial No. 170,769; published June 19, 1923.
Silks, Broad. J. A. Migel, Inc. 164,191; Feb. 13.
Silks, cotton, wool, and mixtures thereof and shirtings in the piece. Turner & Walls. 172,925; Sept. 11; Serial No. 176,928; published May 29, 1923.
Silks in the piece. Jansen & Pretzfeld, Inc. 163,346; Jan. 9.
Silks in the piece. Jansen & Pretzfeld, Inc. 168,773; May 29; Serial No. 173,966; published Mar. 6, 1923.
Silks in the piece. Jansen & Pretzfeld, Inc. 169,624; June 26; Serial No. 173,084; published Mar. 20, 1923.
Silks in the piece. Chas. A. Stevens & Bros. 177,149; Dec. 11; Serial No. 182,446; published Sept. 11, 1923.
Silks in the piece and silk and cotton piece goods, Broad. Stehli Silks Corporation. 173,187; Sept. 18; Serial No. 168,383; published June 12, 1923.
Silks in the piece, Broad. Stehli Silks Corporation. 167,108; Apr. 24; Serial No. 169,789; published Jan 30, 1923.
Silks or silks in the piece, Broad. Railway Silk Corporation. 163,388; Jan. 9.
Silks, silk and cotton mixtures, cotton goods, linens, and draperies. Marbletex Co. 170,057; July 10; Serial No. 175,938; published Apr. 10, 1923.
Silks, velvets, and ribbons, in the piece. Kohn, Adler & Co. 163,474; Jan. 16.
Tablecloths, napkins, scarfs, etc. F. W. Hillig. 173,967; Oct. 2; Serial No. 161,549; published July 17, 1923.
Tablecloths, serviettes, cushion covers, handkerchiefs, sideboard covers, etc. Morton Sundour Fabrics Ltd. 163,920; Feb. 6.
Tablecloths, sheets, pillowcases, napkins. A. S. Herrmann. 174,753; Oct. 23; Serial No. 167,082; published May 22, 1923.
Textile fabrics. Associated Textile Manufacturers, Inc. 177,636; Dec. 25; Serial No. 174,279; published Oct. 2, 1923.
Textile fabrics. International Worsted Mills. 177,482; Dec. 18; Serial No. 183,214; published Sept. 25, 1923.
Textile fabrics. Schweiz. Decken- und Tuchfabriken Pfungen-Turbenthal. 177,335; Dec. 18; Serial No. 181,571; published Sept. 25, 1923.
Textile fabrics, foulards, etc., Dyed and printed. United Piece Dye Works. 177,466; Dec. 18; Serial No. 177,152; published Sept. 25, 1923.
Textile fabrics in the piece. Grove Park Inn, Inc. 174,528; Oct. 16.
Textile fabrics in the piece, etc., Woven and knitted. Knitted Textile Corporation. 173,363–4; Sept. 25; Serial Nos. 179,798–9; published July 3, 1923.
Textile fabrics, Manufactured. Associated Textile Manufacturers, Inc. 173,380; Sept. 25; Serial No. 175,232; published Apr. 17, 1923.
Textile fabrics, Printed. Witcombe, McGeachin & Co. 175,240; Oct. 30.
Textile material. Warren Products Company. 174,596; Oct. 23; Serial No. 178,685; published July 24, 1923.
Ticking. P. R. Mitchell Co. 177,325; Dec. 18; Serial No. 178,931; published Sept. 25, 1923.
Tire fabrics in the piece. Salmon Falls Manufacturing Company. 174,097; Oct. 2; Serial No. 179,323; published July 17, 1923.
Toweling. Marshall Field & Company. 171,682; Aug. 7.
Towels. Marshall Field & Company. 163,441; Jan. 9.
Towels. West Coast Textile Company. 163,416; Jan. 9.
Towels and toweling. Goldsmith, Lowenfels & Co. 166,204; Mar. 27; Serial No. 171,173; published Jan. 16, 1923.
Towels and toweling, Woven cotton. Boott Mills. 175,106; Oct. 30; Serial No. 177,164; published Aug. 7, 1923.
Towels of cotton and linen, handkerchiefs, cotton goods, laces, and embroideries, etc. Ely & Walker Dry Goods Company. 163,861; Jan. 30.
Typewriter ribbon, Cloth used for making. Rose & Frank Company. 166,946; Apr. 17; Serial No. 172,175; published Jan. 30, 1923.
Upholstery and drapery fabrics. Henry Goldthorp Company. 170,650; July 17; Serial No. 170,063; published Apr. 17, 1923.
Upholstery, Automobile. A. Boyriven. 174,757; Oct. 23; Serial No. 165,120; published July 24, 1923.
Upholstery fabrics. Sidney Blumenthal & Co. 175,187; Oct. 30; Serial No. 175,765; published Aug. 7, 1923.
Upholstery fabrics. Sidney Blumenthal & Co. 175,188; Oct. 30; Serial No. 175,763; published Aug. 7, 1923.
Veils and silk cloth in the piece. Vanity Fair Silk Mills. 175,517; Nov. 6; Serial No. 176,583; published Aug. 28, 1923.
Velours in piece goods, curtains, table scarfs, and pillow slips. American Pile Fabric Company. 167,324; Apr. 24.
Velvet, plush, etc. Collins & Aikman Co. 177,670; Dec. 25; Serial No. 180,654; published Oct. 2, 1923.
Velvets in the piece. Coudurier, Fructus & Descher. 175,510; Nov. 6; Serial No. 177,548; published Aug. 28, 1923.
Velvets in the piece, Silk. J. A. Migel, Inc. 177,630; Dec. 25; Serial No. 181,840; published Oct. 9, 1923.
Velvets in the piece, Silk and silk and cotton. Coudurier Fructus & Descher. 168,801; May 29; Serial No. 174,357; published Mar. 6, 1923.
Voile. Fred Butterfield & Co. 170,339; July 10.
Voile in the piece. Max Schwarz Textile Corporation. 169,905; July 3; Serial No. 170,795; published Mar. 27, 1923.
Voile in the piece, Cotton. Marshall Field & Company. 174,531; Oct. 16.
Voiles and dress goods in the piece, Cotton. Abraham & Straus, Inc. 175,657; Nov. 6; Serial No. 181,579; published Aug. 21, 1923.
Wash cloth and towel, Textile. Embourg Textile Co. 168,438; May 22; Serial No. 171,013; published Feb. 20, 1923.
Wool and cotton admixture piece goods. Samuel Kirk & Sons, Limited. 169,989; July 10; Serial No. 132,052; published Apr. 3, 1923.
Wool and cotton mixed piece goods. Edward Ripley & Son. 166,551; Apr. 10; Serial No. 122,498; published Apr. 13, 1920.
Wool, etc., goods in the piece. J. B. Ellison & Sons. 177,621; Dec. 25; Serial No. 182,536; published Oct. 9, 1923.
Wool piece goods. Roubaix Mills, Inc. 172,898; Sept. 11; Serial No. 179,167; published June 5, 1923.
Wool pile fabric. Botany Worsted Mills. 174,506–7; Oct. 16; Serial Nos. 180,358–9; published July 24, 1923.
Wool, silk, cotton, and mixtures of same piece goods. William Hollins & Company. 171,272; July 31.
Wool textile piece goods, All-. W. H. Holbrook Company. 173,689; Oct. 2; Serial No. 177,489; published June 19, 1922.
Wool, worsted, mohair, and other fabrics in the piece. Salt's Textile Manufacturing Company. 163,937; Feb. 6.
Wool, worsted, mohair, etc., fabrics in the piece. Salt's Textile Manufacturing Company. 164,064; Feb. 13.
Wool, worsted, mohair, etc., fabrics in the piece. Salt's Textile Manufacturing Company. 173,159; Sept. 18; Serial No. 159,120; published June 12, 1923.
Woolen cloth. Frankenberg, Morgan & Singleton. 174,804; Oct. 23; Serial No. 180,659; published July 31, 1923.
Woolen cloth and cloth being a mixture of wool and cotton. David & John Anderson Limited. 163,978; Feb. 6.
Woolen cloth in the piece, Woven. Otterburn Mill Limited. 163,880; Feb. 6.
Woolen cloths in the piece. S. Stein & Co. 166,914; Apr. 17; Serial No. 166,479; published Feb. 6, 1923.
Woolen cloths in the piece. S. Stein & Co. 166,918; Apr. 17; Serial No. 164,459; published Jan. 30, 1923.
Woolen cloths in the piece. S. S. Stein & Co. 171,938–9; Aug. 14.
Woolen cloths in the piece. S. Stein & Co. 174,294; Oct. 9.
Woolen cloths in the piece for suiting, etc. S. Stein & Co. 173,213; Sept. 18; Serial No. 173,259; published June 12, 1923.
Woolen fabrics. H. Coleman. 175,470; Nov. 6; Serial No. 182,234; published Aug. 28, 1923.
Woolen fabrics. Somersville Manufacturing Co. 168,303; May 15.
Woolen fabrics. W. H. Stewart. 172,855; Sept. 11; Serial No. 175,629; published June 5, 1923.
Woolen fabrics in the piece. American Uniform Company. 170,651; July 17; Serial No. 170,115; published Apr. 24, 1923.
Woolen fabrics in the piece. Continental Mills, Inc. 174,634–5; Oct. 23; Serial Nos. 181,731–2; published Aug. 7, 1923.
Woolen goods in the piece. Worumbo Manufacturing Company. 163,984; Feb. 6.
Woolen goods in the piece. Worumbo Manufacturing Company. 173,732; Oct. 2; Serial No. 180,351; published July 10, 1923.
Woolen homespun textile fabrics in the piece. Grove Park Inn, Inc. 173,020; Sept. 11; Serial No. 172,988; published June 5, 1923.
Woolen, mohair, jute, cotton, silk, and linen fabrics. Kunst & Small Co. 175,528; Nov. 6; Serial No. 181,195; published Aug. 28, 1923.
Woolen piece goods. Atlantic Mills. 173,930; Oct. 2; Serial No. 177,946; published July 17, 1923.
Woolen piece goods. American Woolen Company. 175,174; Oct. 30; Serial No. 181,372; published Aug. 7, 1923.

Woolen piece goods. Bradford Dyers' Association, Limited. 165,118–19; Mar. 6; Serial Nos. 122,518–19; published Dec. 2, 1922.
Woolen piece goods. Bradford Dyers' Association, Limited. 165,120; Mar. 6; Serial No. 122,523; published Dec. 2, 1922.
Woolen piece goods. Bradford Dyers' Association Limited. 165,326–9; Mar. 6; Serial Nos. 122,516–24; published Dec. 2, 1919.
Woolen piece goods. Bradford Dyers' Association, Limited. 165,408–9; Mar. 6; Serial Nos. 122,460–1; published Dec. 2, 1919.
Woolen piece goods. Bradford Dyers' Association, Limited. 165,411; Mar. 6; Serial No. 122,517; published Dec. 2, 1919.
Woolen piece goods. Bradford Dyers' Association, Ltd. 177,713; Dec. 25; Serial No. 122,520; published Dec. 2, 1919.
Woolen piece goods. Farnsworth Mills Inc. 174,203; Oct. 9; Serial No. 180,969; published July 17, 1923.
Woolen piece goods. Finsilver, Still & Moss, Inc. 177,650; Dec. 25; Serial No. 172,589; published Oct. 2, 1923.
Woolen piece goods. Forstmann & Huffmann Company. 165,687; Mar. 20; Serial No. 170,244; published Dec. 26, 1922.
Woolen piece goods. Forstmann & Huffmann. 166,945; Apr. 17; Serial No. 72,217; published Jan. 30, 1923.
Woolen piece goods. Forstmann & Huffmann Company. 168,772; May 29; Serial No. 173,962; published Mar. 6, 1923.
Woolen piece goods. Forstmann & Huffmann Company. 170,316; July 10; Serial No. 175,482; published Apr. 3, 1923.
Woolen piece goods. Forstmann & Huffmann Company. 170,653; July 17; Serial No. 169,441; published Apr. 24, 1923.
Woolen piece goods. Forstmann & Huffmann Company. 172,835; Sept. 11; Serial No. 178,989; published June 5, 1923.
Woolen piece goods. Forstmann & Huffmann Company. 172,899–900; Sept. 11; Serial Nos. 178,996–7; published June 12, 1923.
Woolen piece goods. Forstmann & Huffmann. 172,910–11; Sept. 11; Serial Nos. 178,993–4; published June 5, 1923.
Woolen piece goods. Forstmann & Huffmann Company. 172,912; Sept. 11; Serial No. 178,992; published June 5, 1923.
Woolen piece goods. Forstmann & Huffmann Company. 173,290; Sept. 18; Serial No. 178,988; published June 12, 1923.
Woolen piece goods. Forstmann & Huffmann Company. 173,291–2; Sept. 18; Serial Nos. 178,990–1; published June 12, 1923.
Woolen piece goods. Forstmann & Huffmann Company. 173,293; Sept. 18; Serial No. 178,995; published June 12, 1923.
Woolen piece goods. Hager, Clark & Co. 170,233; July 10; Serial No. 174,007; published Apr. 3, 1923.
Woolen piece goods. Keely & Watson. 172,617; Sept. 11; Serial No. 164,852; published June 5, 1923.
Woolen piece goods. R. H. Linton. 172,836; Sept. 11; Serial No. 178,930; published June 5, 1923.
Woolen piece goods. Pendale Woolen Mills. 175,447; Nov. 6; Serial No. 183,161; published Aug. 28, 1923.
Woolen piece goods. H. W. Schwab, Inc. 175,491; Nov. 6; Serial No. 177,925; published Aug. 21, 1923.
Woolen piece goods. Super-Tex, Inc. 163,988; Feb. 6.
Woolen piece goods. Super-Tex, Inc. 164,065–6; Feb. 13.
Woolen piece goods. E. J. Wile & Co. 166,285; Mar. 27.
Woolen piece goods. E. J. Wile & Co. 177,156; Dec. 11; Serial No. 181,926; published Sept. 11, 1923.
Woolen piece goods. Worumbo Manufacturing Company. 168,848; May 29; Serial No. 174,375; published Mar. 6, 1923.

Woolen, worsted piece goods. Bell Company. 177,324; Dec. 18; Serial No. 179,769; published Sept. 18, 1923.
Woolens and worsteds in the piece. Warmbirds, Inc. 173,730; Oct. 2; Serial No. 180,312; published July 10, 1923.

Worsted and dress goods in the piece, Fancy. Selden Worsted Mills. 163,930; Feb. 6.
Worsted and dress goods of cotton, silk, wool, worsted, and mixtures in the piece, Fancy. Selden Worsted Mills. 163,949–50; Feb. 6.
Worsted and woolen dress goods in the piece. F. A. Bochmann & Co. 172,894–5; Sept. 11; Serial Nos. 175,051–2; published May 29, 1923.
Worsted and woolen textile fabrics. Holden-Leonard Co. 165,699; Mar. 20; Serial No. 169,971; published Jan. 2, 1923.
Worsted and woolen textile fabrics. Holden-Leonard Co. 166,194; Mar 27; Serial No. 162,002; published Jan. 9, 1923.
Worsted and woolen textile fabrics. Holden-Leonard Company. 168,457; May 22; Serial No. 173,423; published Feb. 20, 1923.
Worsted fabrics, Novelty. International Worsted Mills. 173,276; Sept. 18; Serial No. 174,787; published June 12, 1923.
Worsted piece goods. W. M. Biggar & Co. 170,236; July 10; Serial No. 174,165; published Apr. 3, 1923.
Worsted piece goods, Tropical. Tropical Worsted Company. 169,798; July 3; Serial No. 169,836; published Mar. 27, 1923.
Worsted rep. Botany Worsted Mills. 175,177; Oct. 30; Serial No. 181,334; published Aug. 14, 1923.
Worsted, woolen and cotton, etc., piece goods. Walther Manufacturing Co. 173,310; Sept. 18; Serial No. 179,177; published June 12, 1923.
Worsted, woolen, etc., piece goods. Walther Manufacturing Co. 173,362; Sept. 25; Serial No. 179,902; published July 3, 1923.
Worsted, worsted and cotton, etc., piece goods. Walther Manufacturing Co. 173,368; Sept. 25; Serial No. 179,569; published July 3, 1923.
Worsted yarn fabric. Botany Worsted Mills. 174,588; Oct. 23; Serial No. 179,989; published July 24, 1923.
Worsted yarn fabric known as reps. Botany Worsted Mills. 174,165–6; Oct. 9; Serial Nos. 179,987–8; published July 17, 1923.
Worsteds in the piece, Tropical. International Worsted Mills. 173,277; Sept. 18; Serial No. 174,786; published June 12, 1923.
Woven cotton and woolen fabrics. China and Japan Trading Company. 166,940; Apr. 17; Serial No. 171,831; published Jan. 30, 1923.
Woven cotton goods. Massachusetts Cotton Mills. 23,710–11; renewed Oct. 17, 1923.
Woven fabrics, Imported. H. Baechtold. 170,234; July 10; Serial No. 174,032; published Apr. 3, 1923.
Woven, knitted, netted, textile, and pile fabrics in the piece. Cheney Brothers. 175,173; Oct. 30; Serial No. 181,378; published Aug. 7, 1923.
Woven mesh fabrics. John Hollbach Company. 174,030; Oct. 2; Serial No. 176,628; published June 12, 1923.
Woven textile fabrics. Esmond Mills. 175,176; Oct. 30; Serial No. 181,339; published Aug. 7, 1923.

CLASS 43.

Cotton, cotton thread, cotton yarn, etc., Spool and sewing. American Thread Company. 163,007; Jan. 2.
Cotton, cotton thread, cotton yarn, Spool, sewing, etc. American Thread Company. 170,056; July 10; Serial No. 175,910; published Apr. 10, 1923.
Cotton, Spool. W. Warren Thread Wks. 163,545; Jan. 16.
Cotton, Spool. W. Warren Thread Wks. 165,012–15; Feb. 27.
Cotton, Spool. W. Warren Thread Wks. 165,442; Mar. 13; Serial No. 165,336; published Jan. 2, 1923.
Cotton, Spool. W. Warren Thread Wks. 165,443; Mar. 13; Serial No. 165,330; published Jan. 2, 1923.
Crochet twist. William T. Palmer & Company. 163,145; Jan. 2.
Floss, embroidery rope, yarns, and threads. Bernhard Ulmann Co. 169,036; May 29.
Knitting wool. James Templeton & Son, Ltd. 170,628; July 17; Serial No. 174,870; published Apr. 17, 1923.
Package, Art-needlework. Bernard Ulmann Co. 175,055; Oct. 30; Serial No. 179,286; published Aug. 7, 1923.
Silk, Sewing. H. K. H. Silk Co. 175,168; Oct. 30; Serial No. 181,594; published Aug. 14, 1923.
Silk, Spool. Detmer, Bruner & Mason, Inc. 175,237; Oct. 30.
Silk, Spool. Detmer, Bruner & Mason, Inc. 176,928; Dec. 4.
Silk, Spool. Gudebrod Bros. Silk Co. 173,503; Sept. 25; Serial No. 175,785; published June 26, 1923.
Silk, Spun. Mesquita & Lange. 173,216; Sept. 18; Serial No. 174,665; published June 19, 1923.
Silk, Thrown. Baer Company. 166,924; Apr. 17; Serial No. 154,119; published Jan. 30, 1923.
Thread. Mutual Thread Company. 163,515; Jan. 16.
Thread and yarn. D. E. Adams Co. 166,894; Apr. 17; Serial No. 165,849; published Jan. 30, 1923.
Thread and yarn. N. Chertoff, Inc. 170,132; July 10; Serial No. 159,140; published Apr. 3, 1923.
Thread and yarn. J. & P. Coats (R. I.) Inc. 175,166; Oct. 30; Serial No. 181,729; published Aug. 7, 1923.
Thread and yarn. Eaton Rapids Woolen Mills. 164,788; Feb. 27.
Thread and yarn, Cotton. American Thread Company. 177,691; Dec. 25; Serial No. 183,640; published Oct. 2, 1923.
Thread and yarn, Cotton. Manhasset Manufacturing Company. 165,746; Mar. 20; Serial No. 171,179; published Jan. 2, 1923.
Thread and yarn, Cotton. Manhasset Manufacturing Company. 166,036; Mar. 27; Serial No. 167,728; published Jan. 9, 1923.
Thread and yarn, Cotton. Manhasset Manufacturing Company. 167,038; Apr. 24; Serial No. 170,889; published Jan. 30, 1923.
Thread, Artificial-silk. Societe Generale de Soie Artificielle par le Procede Viscose. 175,411; Nov. 6; Serial No. 164,348; published Aug. 21, 1923.
Thread, Cotton. J. H. Powell. 163,525; Jan. 16.
Thread, Cotton. Smith & Dove Manufacturing Co. 166,913; Apr. 17; Serial No. 167,059; published Jan. 23, 1923.

Thread, Cotton. Smith & Dove Manufacturing Co. 173,308; Sept. 18; Serial No. 179,230; published June 19, 1923.
Thread, Cotton. Societe en Commandite Maurice Frings & Cie. 171,558; Aug. 7; Serial No. 177,573; published May 8, 1923.
Thread for stringing pearls and beads, Silk. L. F. Rosenberg. 172,896; Sept. 11; Serial No. 178,933; published May 29, 1923.
Thread, Linen. Linen Thread Company. 175,417; Nov. 6; Serial No. 160,712; published Aug. 28, 1923.
Thread, Linen. Smith & Dove Mfg. Co. 163,172; Jan. 2.
Thread, Linen. Smith & Dove Manufacturing Co. 165,665; Mar. 20; Serial No. 166,857; published Jan. 2, 1923.
Thread, Lock-stitch machine. Barbour Brothers Co. 163,019; Jan. 2.
Thread, Mercerized and plain cotton. A. J. Rothstein. 163,162; Jan. 2.
Thread, Mercerized and plain cotton. A. J. Rothstein. 177,037; Dec. 11; Serial No. 158,444; published Oct. 10, 1922.
Thread, Plain cotton. A. J. Rothstein. 163,484; Jan. 16.
Thread, Sewing. Barbour Flax Spinning Co. 171,898; Aug. 14.
Thread, Sewing. La Société En Nom Collectif J. Thiriez Pere & Fils. 175,451; Nov. 6; Serial No. 182,919; published Aug. 28, 1923.
Thread, Spool and tube. W. Warren Thread Wks. 166,270; Mar. 27; Serial No. 166,920; published Jan. 9, 1923.
Threads. Manufacturers Supplies Company. 165,448; Mar. 13; Serial No. 171,334; published Jan. 2, 1923.
Threads, Manufacturers Supplies Company. 167,329–30; Apr. 24.
Threads. Manufacturers Supplies Company. 172,040; Aug. 21; Serial No. 158,936; published May 22, 1923.
Threads. Manufacturers Supplies Company. 172,042; Aug. 21; Serial No. 158,633; published May 22, 1923.
Threads. Manufacturers Supplies Company. 172,834; Sept. 11; Serial No. 158,632; published June 5, 1923.
Threads. Manufacturers Supplies Company. 176,935–7; Dec. 4.
Threads and threads of cotton and silk, Silk. Corticelli Silk Company. 177,767; Dec. 25; Serial No. 184,384; published Oct. 2, 1923.
Threads and yarns. M. J. Grady Company. 167,770; May 8; Serial No. 173,078; published Feb. 13, 1923.
Threads and yarns, Artificial-silk. Fabrique de Soie Artificielle de Tubize, Societe Anonyme. 170,908; July 24; Serial No. 154,406; published Feb. 20, 1923.
Threads, Artificial-silk. Snia Società di Navigazione Industria e Commercio Reparto Viscosa. 164,960; Feb. 27.
Threads, Linen. Barbour Flax Spinning Co. 175,550; Nov. 6; Serial No. 179,985; published July 31, 1923.
Threads, Pure and artificial silk. H. K. H. Silk Co. 165,942; Mar. 20.
Threads, Pure and artificial silk. H. K. H. Silk Co. 168,854; May 29; Serial No. 173,766; published Mar. 6, 1923.
Threads, Pure and artificial silk. H. K. H. Silk Co. 174,529; Oct. 16.
Threads, Sewing. Barbour Flax Spinning Co. 174,092; Oct. 2; Serial No. 179,984; published July 10, 1923.
Threads, Silk. H. K. H. Silk Co. 164,787; Feb. 27.
Threads, Silk. H. K. H. Silk Co. 175,233; Oct. 30.
Threads, Silk, linen, cotton, and fiber. H. K. H. Silk Co. 166,770; Apr. 10.
Threads, twists, and for artificial embrodiery flosses, Silk and cotton. H. K. H. Silk Company. 167,436; May 1; Serial No. 164,540; published Jan. 9, 1923.
Threads, twists, and for artificial embroidery flosses, Silk and cotton. H. K. H. Silk Company. 167,447; May 1; Serial No. 164,541; published Jan. 19, 1923.
Yarn. Fireside Yarns Company. 167,050; Apr. 24; Serial No. 161,676; published Feb. 6, 1923.
Yarn. Wm. H. Horstmann Company. 170,016; July 10; Serial No. 172,475; published Apr. 3, 1923.
Yarn. Wm. H. Horstmann Company. 170,621; July 17; Serial No. 176,999; published Apr. 17, 1923.
Yarn. C. H. Lawrence. 172,924; Sept. 11; Serial No. 177,006; published May 29, 1923.
Yarn. C. D. Newell. 169,973; July 10; Serial No. 165,756; published Jan. 9, 1923.
Yarn. C. D. Newell. 174,039; Oct. 2; Serial No. 177,420; published July 17, 1923.
Yarn, thread for art needlework, embroidery, etc. Bernhard Ulmann Co. 172,843; Sept. 11; Serial No. 177,421; published June 5, 1923.
Yarn, Thrown pure silk. A. Bordow. 165,018; Feb. 27.
Yarn, Wool. Wollgarnfabrik Fulda G. m. b. H. 169,752; July 3; Serial No. 171,677; published Mar. 27, 1923.
Yarn, Wool and wool and silk mixture. Marshall Field & Company. 174,645; Oct. 23; Serial No. 181,262; published Aug. 7, 1923.
Yarn, Wool and wool and silk mixture. Marshall Field & Company. 174,647; Oct. 23; Serial No. 181,266; published Aug. 7, 1923.
Yarn, Wool and wool and silk mixture. Marshall Field & Company. 174,648; Oct. 23; Serial No. 181,268; published Aug. 7, 1923.
Yarn, Woolen. S. Blechman & Sons, Inc. 165,698; Mar. 20; Serial No. 169,945; published Jan. 2, 1923.
Yarns. Pacific Mills. 174,028; Oct. 2; Serial No. 176,499; published June 19, 1923.
Yarns. E. A. Reed. 174,095; Oct. 2; Serial No. 179,623; published July 10, 1923.
Yarns. Bernhard Ulmann Co. Inc. 171,552; Aug. 7; Serial No. 178,149; published May 8, 1923.
Yarns. Bernhard Ulmann Co. Inc. 171,642; Aug. 7.
Yarns. Bernhard Ulmann Co. 172,848; Sept. 11; Serial No. 176,380; published June 5, 1923.
Yarns. Bernhard Ulmann Co. 172,849; Sept. 11; Serial No. 176,378; published June 5, 1923.
Yarns. Bernhard Ulmann Co. 174,023; Oct. 2; Serial No. 176,376; published June 12, 1923.
Yarns and threads, Artificial-silk. Viscose Company. 177,773; Dec. 25; Serial No. 184,197; published Oct. 2, 1923.
Yarns, Artificial-silk. P. B. Hart. 165,964; Mar. 27; Serial No. 156,995; published Dec. 12, 1922.
Yarns, Artificial-silk, worsted, and mixed artificial-silk and worsted. Textile Manufacturing Co. 168,221; May 15; Serial No. 172,299; published Feb. 20, 1923.
Yarns, Cotton. N. Erlanger, Blumgart & Co. 170,970; July 24.
Yarns, Cotton. Old Colony Manufacturing Corporation. 174,088; Oct. 2; Serial No. 180,237; published July 10, 1923.
Yarns, Cotton. John F. Street & Co. 177,475; Dec. 18; Serial No. 184,152; published Sept. 25, 1923.
Yarns, Cotton. United Turkey Red Company. 173,237; Sept. 18; Serial No. 165,838; published June 19, 1923.
Yarns, Dyed. "S. & M." Dye Works, Inc. 175,530; Nov. 6; Serial No. 181,089; published Aug. 21, 1923.
Yarns for knitting, crocheting, and art needlework. Bernhard Ulmann Co. 170,170; July 10; Serial No. 176,382; published Apr. 10, 1923.
Yarns for knitting, crocheting, and art needlework. Bernhard Ulmann Co. 170,171; July 10; Serial No. 176,379; published Apr. 10, 1923.
Yarns for knitting, crocheting, and art needlework. Bernhard Ulmann Co. 170,172; July 10; Serial No. 176,375; published Apr. 10, 1923.
Yarns for knitting, crocheting, and art needlework. Bernhard Ulmann Co. 174,089; Oct. 2; Serial No. 180,199; published July 10, 1923.
Yarns, Mercerized. Forrest Mercerizing Co. 166,912; Apr. 17; Serial No. 168,213; published Jan. 23, 1923.
Yarns spun of silk, artificial silk, and mixtures thereof. New England Spun Silk Corporation. 168,774–5; May 29; Serial Nos. 173,976–7; published Mar. 6, 1923.
Yarns, Spun-silk. New England Spun Silk Corporation. 164,408; Feb. 20.
Yarns, threads, silks. Pfaltz & Bauer, Inc. 175,474; Nov. 6; Serial No. 181,773; published Aug. 21, 1923.
Yarns, Wool. D. J. Healy. 171,479; Aug. 7; Serial No. 178,038; published May 15, 1923.

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Alloy. Garhart Dental Specialty Company. 176,918; Dec. 4.
Alloys for dental purposes, Gold. J. M. Ney Company. 163,519; Jan. 16.
Alloys of gold for dental work. Rich-Alloy Company. 168,583; May 29; Serial No. 163,354; published Feb. 27, 1923.
Ankle supports. M. B. Diemer. 164,885; Feb. 27.
Antiseptic dressings and absorbent and medicated cottons and gauzes, and bandages. Deane Plaster Co. 170,634; July 17; Serial No. 175,307; published Apr. 17, 1923.
Antiseptic dressings, gauzes, cottons, and bandages. Deane Plaster Co. 172,423; Aug. 28; Serial No. 175,347; published May 29, 1923.
Applicators for the lips. A. and G. Co. 170,485; July 17; Serial No. 172,409; published Apr. 17, 1923.
Arch cuffs, supports, retainers, and relievers. F. H. Jensen. 165,900; Mar. 20.
Arch supporters. C. R. Acfield. 164,542; Feb. 20.
Arch supporters. Federal Arch-Lift Manufacturing Company. 168,397; May 22; Serial No. 171,731; published Feb. 20, 1923.
Arch supporters. Moore-Shafer Shoe Mfg. Co. 163,132; Jan. 2.
Arch supporters, foot bands, and bandages. F. H. Jensen. 169,569; June 19.
Arch supporters for the human foot. H. G. Bentley. 171,524; Aug. 7; Serial No. 176,108; published May 8, 1923.
Arch supports. Francis Rogers & Sons. 170,723; July 24; Serial No. 172,557; published Apr. 24, 1923.
Arch supports. Northside Process Co. 166,136; Mar. 27; Serial No. 144,408; published Nov. 7, 1922.
Arch supports. Pliable Arch Support Company. 168,585; May 29; Serial No. 163,471; published Feb. 13, 1923.
Arch supports and elastic bandages. Hochschild, Kohn & Co. 168,508; May 22.
Arch supports, foot and heel cushions, foot pads, etc. Thompson-Barlow Company. 175,839; Nov. 13; Serial No. 181,707; published Aug. 28, 1923.
Arches and hernial trusses, Instep-supporting. A. Klotz. 163,352; Jan. 9.

Classified list of trade-marks registered—Continued.

Atomizers. M. Levy. 164,896; Feb. 27.
Atomizers and spraying devices for toilet waters, perfumes, liquid deodorants, etc. De Vilbiss Manufacturing Co. 164,522; Feb. 20.
Atomizers, vaporizers, nebulizers, syringes, etc. De Vilbiss Manufacturing Co. 164,521; Feb. 20.
Bandages, Medical and surgical. M. Kermes. 169,595; June 26; Serial No. 137,944; published Mar. 27, 1923.
Bandages, Suspensory. Johnson & Johnson. 169,636; June 26; Serial No. 175,146; published Mar. 27, 1923.
Bedclothes protector. E. J. McKinney. 168,430; May 22; Serial No. 172,003; published Feb. 20, 1923.
Belts, Abdominal and kidney. A. S. Montgomery. 164,282; Feb. 20.
Bloomers, Sanitary. Polkase Mfg. Co. 164,379; Feb. 20.
Body braces. E. P. Banning. 163,705; Jan. 23.
Boots and shoes, Combined arch-supporting and heel-locating shank pieces for. R. E. Bartels. 174,142; Oct. 2.
Bottles and bags and syringes, Hot-water. Jordan Marsh Company. 169,476; June 19; Serial No. 173,889; published Mar. 20, 1923.
Bottles for medical purposes, Hot. B. H. Dyer Company. 169,772; July 3; Serial No. 169,053; published Apr. 3, 1923.
Bottles, fountain syringes, etc., Water. Independent Drug Company. 174,420; Oct. 16; Serial No. 181,279; published July 17, 1923.
Bottles, Nursing. Corning Glass Works. 169,625; June 26; Serial No. 173,405; published Mar. 27, 1923.
Bottles, rubber gloves, thermometers, rubber sheets, etc., Hot-water. Calhoun, Robbins & Co. 168,729; May 29; Serial No. 172,210; published Feb. 13, 1923.
Brushes, Electric therapeutic. McKinlay, Stone, & Mackenzie, Inc. 163,116; Jan. 2.
Buffers, Manicure. C. J. Bates & Son. 169,639; June 26; Serial No. 175.295; published Mar. 27, 1923.
Buffing implements, etc., Manicurists'. P. C. P. Booty. 176,394; Nov. 27; Serial No. 171,411; published Sept. 11, 1923.
Burs. M. D. Barkann. 168,741; May 29; Serial No. 171,198; published Feb. 27, 1923.
Catheters, bougies, rectal, colon, and stomach tubes, etc. Livezey Supply Co. 163,752; Jan. 23.
Catheters, ear and ulcer syringes, finger cots, etc. Blackman & Blackman. 177,320; Dec. 18; Serial No. 179,986; published Sept. 4, 1923.
Catheters, esophagus tubes, rectal tubes, and cup funnels. William Warne and Company Limited. 168,228; May 15; Serial No. 171,603; published Feb. 27, 1923.
Cement for filling teeth and liquid therefor. L. D. Caulk Company. 166,520; Apr. 3; Serial No. 172,082; published Jan. 9, 1923.
Chest splint. Therapeutic Appliance Corporation. 166,524; Apr. 3; Serial No. 171,970; published Jan. 9, 1923.
Combs, Fountain. Capitola Tonic Comb Co. 169,827; July 3; Serial No. 173,463; published Apr. 3, 1923.
Compound for the prevention of rust and corrosion. Warren Soap Manufacturing Company. 163,768; Jan. 23.
Corsets, corset belts, bust supporters, etc., Elastic. F. Longdon and Company. 164,278; Feb. 20.
Cotton, Absorbent. Absorbent Cotton Company of America. 163,016; Jan. 2.
Cotton, gauze, and waste, bandage rolls, etc., Absorbent. Hygienic Fibre Company. 171,215; July 31; Serial No. 177,784; published May 15, 1923.
Cotton, gauze, etc., Absorbent. A. Radetzky. 172,394; Aug. 28; Serial No. 167,535; published Mar. 27, 1923.
Cushions, Arch. G. A. Stetson. 175,247–8; Oct. 30.
Cutlery of base metal, Certain kinds of. Premier Cutlery, Inc. 168,713; May 29; Serial No. 159,050; published Mar. 13, 1923.
Dental alloy. L. D. Caulk Company. 166,521; Apr. 3; Serial No. 172,081; published Jan. 9, 1923.
Dental alloy, gold, and silver. Elm Refining Company. 175,910; Nov. 13; Serial No. 178,717; published Sept. 4, 1923.
Dental alloys and cements. Dental Protective Supply Company. 177,540; Dec. 18; Serial No. 183,519; published Oct. 2, 1923.
Dental and engine stones and lathe wheels. Blue Island Specialty Company. 168,759; May 29; Serial No. 172,725; published Mar. 13, 1923.
Dental band material. Baker & Co. 173,459; Sept. 25; Serial No. 178,949; published June 19, 1923.
Dental burs. Geo. A. Terry Mfg. Co. 175,696; Nov. 6.
Dental burs and hand pieces. Geo. A. Terry Mfg. Co. 175,697; Nov. 6.
Dental Castings, Molding material for. J. C. Schwartz. 163,534; Jan. 16.
Dental cement. W. V-B. Ames Company. 169,863; July 3; Serial No. 175.696; published Apr. 3, 1923.
Dental chair, Sanitary head shield for. D. C. Baker. 171,633; Aug. 7.
Dental chairs. S. S. White Dental Manufacturing Company. 164,420; Feb. 20.
Dental composition for replacing lost-tooth structure. Denturlite Laboratories, Inc. 164,319; Feb. 20.
Dental crowns. Central Dental Laboratory Co. 170,378; July 17; Serial No. 174,356; published Apr. 10, 1923.
Dental engines and hand pieces, engine, finishing and cross-cut burs, etc. United States Dental Manufacturing Co. 164,254; Feb. 13.
Dental fillings, Foundation and pulp protector used in making metal. H. B. Garrison. 176,427; Nov. 27; Serial No. 183,269; published Sept. 11, 1923.
Dental floss. H. C. Hochstadter. 169,946; July 10; Serial No. 174,392; published Apr. 10, 1923.
Dental gum. Industrial Rubber Corporation. 164,898; Feb. 27.
Dental gum. Industrial Rubber Corporation. 171,964; Aug. 14.
Dental investment compounds. Sterling Laboratories. 163,451; Jan. 9.
Dental metal. Baker & Co. 173,278; Sept. 18; Serial No. 178,950; published June 19, 1923.
Dental metal. Baker & Co. 173,460; Sept. 25; Serial No. 178,951; published June 19, 1923.
Dental operations, Device for demonstrating to patients the character of. Lee S. Smith & Son Manufacturing Company. 165,145; Mar. 6; Serial No. 148,403; published Dec. 12, 1922.
Dental plates, Rubber for use in making. E. J. McCormick Rubber Co. 168,491; May 22.
Dental spotlights and lamps for the same. S. S. White Dental Manufacturing Company. 174,610; Oct. 23; Serial No. 180,158; published July 24, 1923.
Dental suction plates C. T. Magner. 169,982; July 10; Serial No. 167,779; published Apr. 10, 1923.
Dental tools, instruments, and supplies. Detroit Dental Manufacturing Company. 177,386; Dec. 18; Serial No. 181,592; published Oct. 2, 1923.
Dental vulcanizers, dental vulcanizer heaters, and dental anvils. Buffalo Dental Manufacturing Co. 163,028; Jan. 2.
Diagnostic medical instruments. De Zeng Standard Co. 168,300; May 15.
Eardrum protectors. E. J. Coyne. 163,711; Jan. 23.
Eardrums. F. M. Way. 166,388; Apr. 3; Serial No. 169,429; published Dec. 19, 1922.
Elastic bandages. R. L. Hawkins. 171,372; Aug. 7; Serial No. 157,315; published May 15, 1923.
Electric therapeutic apparatus. Renulife Electric Co. 173,414; Sept. 25; Serial No. 178,193; published June 19, 1923.
Electrical hearing device. Earometer Company. 164,456; Feb. 20.
Electrotherapeutic treatments. Electrical apparatus for administering. Interstate Engineering Co. 164,363; Feb. 20.
Emery boards, nasal douches, tweezers, nail files, etc. Stewart & Holmes Drug Co. 164,342; Feb. 20.
Eyes, Artificial. C. E. Biel. 171,550; Aug. 7; Serial No. 178,211; published May 15, 1923.
Fabric rolls impregnated with a dentifrice and holders therefor. Dentrol Sales Corporation. 173,272; Sept. 18; Serial No. 175,009; published June 19, 1923.
Files, Manicure. Schnefel Brothers. 164,538; Feb. 20.
Finger-nail files. Penn Drug Specialty Company. 165,190; Mar. 6. Serial No. 168,278; published Dec. 12, 1922.
Finger nails, Chemically-treated cord for cleaning and bleaching. A. T. Moeller. 164,524; Feb. 20.
Foot corrective appliances, arch supports, etc. Scholl Manufacturing Co. 163,396; Jan. 9.
Foot-massaging device. W. Saklad. 176,552; Nov. 27; Serial No. 183,124; published Sept. 18, 1923.
Furniture, Aseptic. Reid Bros., Inc. 174,246; Oct. 9; Serial No. 168,790; published July 3, 1923.
Gauze and absorbent cotton. Bauer & Black. 176,550; Nov. 27; Serial No. 183,355; published Sept. 18, 1923.
Germicides or disinfectants, Apparatus for generating and diffusing vaporized. Newton, Chambers & Co. 172,296; Aug. 28; Serial No. 177,922; published May 29, 1923.
Heating pads, Electric. Charles Electric Garments Company. 164,617; Feb. 20.
Hip and bust reducer. B. Cervelli. 166,458; Apr. 3; Serial No. 169,890; published Jan. 9, 1923.
Hosiery, Seamless elastic. Charles Walton & Son. 166,482; Apr. 3; Serial No. 170,554; published Jan. 9, 1923.
Hospital sundries. H. L. Kaufmann. 168,796; May 29; Serial No. 142,345; published Dec. 19, 1922.
Hot-water bottles and bed warmers, Metal. Metal Goods Manufacturing Co. 168,731; May 29; Serial No. 172,280; published Mar. 13, 1923.
Ice bags and syringe fixtures. A. Schrader's Son, Incorporated. 174,236; Oct. 9; Serial No. 180,243; published July 10, 1923.
Identification necklace, Infant's. J. A. Deknatel & Son, Inc. 172,193; Aug. 21.
Impression compound. Novocol Chemical Mfg. Co. 169,511; June 19; Serial No. 171,946; published Mar. 20, 1923.
Infant pacifiers. S. D. Kramer. 166,125; Mar. 27; Serial No. 153,511; published Nov. 7, 1922.
Instruments for aiding the hearing. F. Charles Rein & Son, America, Inc. 175,879; Nov. 13; Serial No. 180,080; published Sept. 4, 1923.
Lamp used in raying bodies of patients under surgical and medical treatment, Electrical therapeutic. Harry W. Nelson. 168,172; May 15; Serial No. 166,844; published Feb. 13, 1923.

Classified list of trade-marks registered—Continued.

Lamps and other lamps giving therapeutic rays, Vapor. Quarzlampen-Gesellschaft m. b. H. 163,155; Jan. 2.
Lamps and other lamps giving therapeutic rays, Vapor. Quarzlampen-Gesellschaft, m. b. H. 166,145; Mar. 27; Serial No. 157,235; published Oct. 31, 1922.
Lamps and radiators for therapeutic use, Electric. L. Steiner. 177,433; Dec. 18; Serial No. 125,441; published Apr. 13, 1920.
Lamps, Quartz. Hanovia Chemical & Manufacturing Co. 176,915; Dec. 4.
Lancets, fleams, and surgical scissors. Mappin & Webb, Limited. 168,124; May 15; Serial No. 159,477; published Feb. 27, 1923.
Manicure implements. B. Wigder. 177,512; Dec. 18; Serial No. 159,341; published Oct. 2, 1923.
Manicure sets. Art Ornament Co. 176,034; Nov. 13; Serial No. 179,450; published Sept. 4, 1923.
Manicure sets. Northam Warren Corporation. 164,894–5; Feb. 27.
Manicure sets. J. Richter. 172,412; Aug. 28; Serial No. 178,627; published May 29, 1923.
Massaging or exercising the human body, Devices for. T. Lawton. 172,274; Aug. 28; Serial No. 177,851; published May 29, 1923.
Medical and surgical appliances. First Aid Specialty Company. 172,265; Aug. 28; Serial No. 177,177; published May 29, 1923.
Medical and surgical appliances. Pfau's American Instruments Co. 172,422; Aug. 28; Serial No. 175,024; published May 15, 1923.
Medical instrument, Electrical. Dr. A. Abrams. 167,541; May 1; Serial No. 170,744½; published Feb. 21, 1923.
Medical instruments, Electric. Ra-Tone Electric Co. 166,095; Mar. 27; Serial No. 164,455; published Dec. 19, 1922.
Nail files, toilet tweezers, nail and cuticle nippers. Marshall Field & Company. 174,419; Oct. 16; Serial No. 181,270; published July 17, 1923.
Nail nippers, toilet tweezers, and manicure instruments. Wester Bros. 164,569; Feb. 20.
Nebulizers and syringes. Parke, Davis & Company. 171,359; Aug. 7; Serial No. 170,782; published May 15, 1923.
Nipples. V. Loewenberg. 166,828; Apr. 27; Serial No. 170,918; published Jan. 30, 1923.
Nose adjusters. A. D. Rostow. 166,363; Apr. 3; Serial No. 170,507; published Dec. 19, 1922.
Obstetrical outfits and surgical supplies. C. M. Manion. 168,629; May 29; Serial No. 167,881; published Feb. 27, 1923.
Orthodontic appliances. S. S. White Dental Manufacturing Company. 171,437; Aug. 7; Serial No. 162,226; published May 15, 1923.
Pads, elastic bandages, etc., Hip and kidney. James W. Brine Company. 174,388; Oct. 16; Serial No. 172,578; published July 17, 1923.
Pillows, Sanitary. David Feinburg Company. 163,316; Jan. 9.
Plasters, Foot-warming. Deane Plaster Co. 168,504; May 22.
Radioactive pads for surgical or medical use. Physician's Radiopathic Company. 166,497; Apr. 3; Serial No. 162,265; published Jan. 9, 1923.
Respirators and inhalers. Willson Goggles, Inc. 164,347; Feb. 20.
Rubber crib sheets, baby pants, sanitary aprons, etc. Sanimo Company. 166,788; Apr. 17; Serial No. 159,629; published Jan. 30, 1923.
Rubber-dam holders. Detroit Dental Manufacturing Company. 166,490; Apr. 3; Serial No. 171,065; published Jan. 9, 1923.
Rubber goods and druggists' sundries, Surgical. Lamke & Stemme, Inc. 171,515; Aug. 7; Serial No. 173,237; published May 8, 1923.
Rupture reducing and confining devices. Brooks Rupture Appliance Company. 166,073; Mar. 27; Serial No. 159,489; published Dec. 19, 1922.
Sanitary aprons and belts. A. Stein & Company. 176,556; Nov. 27; Serial No. 183,002; published Sept. 18, 1923.
Sanitary aprons, belts, and shields, hot-water bottles, etc. R. B. Hansen. 171,919; Aug. 14.
Sanitary belts and shields. H. Usdin. 167,042; Apr. 24; Serial No. 170,598; published Jan. 9, 1923.
Sanitary-napkin holders. S. A. Harrison. 170,639; July 17; Serial No. 175,491; published Apr. 17, 1923.
Sanitary napkins. J. E. Brown. 175,690; Nov. 6.
Sanitary napkins. MacLean Drug Co. 166,232; Mar. 27; Serial No. 165,238; published Oct. 31, 1922.
Sanitary napkins. R. W. Naylor. 170,526; July 17; Serial No. 174,629; published Apr. 24, 1923.
Sanitary napkins. New York Merchandise Company. 168,800; May 29; Serial No. 174,795; published Mar. 13, 1923.
Sanitary napkins and aprons. S. E. Frankfurt. 174,973; Oct. 30; Serial No. 155,878; published Aug. 14, 1923.
Sanitary napkins and hospital supplies. Swiss Textile Co. 166,052; Mar. 27; Serial No. 168,437; published Nov. 14, 1922.
Scissors, cuticle and nail nippers, etc., Nail and manicure. Alfred Field & Co. 164,543; Feb. 20.
Scissors, nail clippers, files, and tweezers, Manicure. Mappin & Webb, Limited. 168,123; May 15; Serial No. 159,476; published Feb. 27, 1923.
Shaving-lather forming devices. R. H. Wager. 168,193; May 15; Serial No. 168,815; published Feb. 13, 1923.
Shaving lather-forming devices, Mechanical. Wager Manufacturing Corporation. 177,598; Dec. 18.
Shields, Hand. W. C. Seitz. 170,683; July 7.
Shoulder or body brace. Williams and Wagner. 168,029; May 8.
Spectrochrome therapy, Apparatus for the treatment of diseases by. Spectro-Chrome Institute Incorporated. 163,761–2; Jan. 23.
Spectrochrome therapy, Apparatus for the treatment of diseases by. Spectro-Chrome Institute (Incorporated). 169,554; June 19.
Sprayers for medicinal use. Ostra Corporation. 170,509; July 17; Serial No. 172,954; published Apr. 17, 1923.
Surgeons' gloves. Davol Rubber Company. 173,649; Oct. 2; Serial No. 176,721; published June 26, 1923.
Surgical and dental appliance outfit. W. J. Cameron. 169,893; July 3; Serial No. 160,928; published Mar. 27, 1923.
Surgical dressing, Chemical tissue for use as a. Haskins & Welton. 175,986; Nov. 13; Serial No. 144,720; published Sept. 4, 1923.
Surgical ligatures. Chander & Fisher, Limited. 174,140; Oct. 2.
Suspensories. E. A. Thornton. 166,221; Mar. 27; Serial No. 168,989; published Dec. 19, 1922.
Syringes. Frederick Pfeiffer & Co. 168,416; May 22; Serial No. 172,685; published Feb. 20, 1923.
Syringes and nozzles, Vaginal. Dr. Pollack Health Products Corp. 163,387; Jan. 9.
Syringes, Hypodermic. Doniger & Company. 173,646; Oct. 2; Serial No. 176,957; published May 8, 1923.
Teeth and gums, Apparatus or appliance for massaging the. E. Unné. 175,904; Nov. 13; Serial No. 178,152; published Sept. 4, 1923.
Teeth, Artificial. H. D. Justi & Son. 176,477; Nov. 27; Serial No. 181,028; published Sept. 18, 1923.
Teeth, Dry-polishing cloth for. W. P. S. Earle. 166,167; Mar. 27; Serial No. 165,860; published Nov. 28, 1922.
Teething rings, combined baby rattles and teething rings. Louis Sametz, Inc. 168,810; May 29; Serial No. 169,986; published Feb. 13, 1923.
Therapeutic goods. Electro Thermal Company. 164,370; Feb. 20.
Thermometers, hypodermic syringes and needles, Clinical and medical. G. Faichney Company. 166,478; Apr. 3; Serial No. 170,013; published Jan. 9, 1923.
Thermometers, hypodermic syringes and needles, Clinical and medical. G. Faicheny Company. 168.167; May 15; Serial No. 166,226; published Feb. 13, 1923.
Thermometers, syringes, eye droppers, etc., Clinical. Eisele & Co. 169,826; July 3; Serial No. 173,959; published Apr. 3, 1923.
Toes, Mechanical devices for straightening crooked. M. Sahlin. 171,523; Aug. 7; Serial No. 176,134; published May 8, 1923.
Toilet articles. E. I. du Pont de Nemours & Company. 168,824; May 29; Serial No. 170,236; published Feb. 13, 1923.
Toilet instruments. Simplo Füllfeder Gesellschaft Voss, Lausen & Dziambor. 164,386; Feb. 20.
Toothbrush sterilizers. W. E. Barnard. 170,887; July 24; Serial No. 160,747; published Apr. 24, 1923.
Tooth cleaners, toothbrushes, toothpicks, and tongue scrapers. Weva Company. 164,883; Feb. 27.
Tooth enamel. A. P. Loesberg. 168,502; May 22.
Toothpicks. Berst-Forster-Dixfield Company. 163,278; Jan. 9.
Toothpicks. Berst-Forster-Dixfield Company. 163,673; Jan. 23.
Toothpicks. Berst-Forster-Dixfield Company. 164,446; Feb. 20.
Toothpicks. Reid, Murdoch & Co. 164,845; Feb. 27.
Truss. P. J. Mahan. 168,490; May 22.
Trusses, Abdominal supporters, elastic stockings, etc. F. Z. Husar. 164,897; Feb. 27.
Trusses, Combination steel and elastic. Woodward, & Co. 166,355; Apr. 3; Serial No. 147,174; published Jan. 9, 1923.
Trusses, Elastic hernial. Chesterman Leeland Company. 165,939; Mar. 20.
Tweezers for removing superfluous hair. M. W. Chandler. 175,538; Nov. 6; Serial No. 180,588; published Aug. 21, 1923.
Vibrators, Electrically-operated. Fitzgerald Manufacturing Company. 168,418; May 22; Serial No. 172,590; published Feb. 20, 1923.

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Ale, Ginger. Abner-Drury Company. 164,817; Feb. 27.
Beer, Root. Charles E. Hires Company. 24,058; renewed Jan. 16, 1924.
Beer, Root. E. A. Zatarain & Sons, Inc. 164,904; Feb. 27.
Beverage. K & H Products Company. 175,681; Nov. 6.
Beverage and concentrate for making same. Chocolate Beverage Corporation. 168,948; May 29; Serial No. 172,514; published Mar. 13, 1923.

Classified list of trade-marks registered—Continued.

Beverage and sirup and extracts for making same. T. L. Finney. 172,198; Aug. 21.
Beverage and sirups used in making same, Fruit. Queen City Bottling Company. 173,609; Oct. 2; Serial No. 158,333; published July 25, 1923.
Beverage and sirups used in preparation of same. C. L. Beardsley. 168,941; May 29; Serial No. 172,858; published Mar. 13, 1923.
Beverage, Cherry-flavored nonalcoholic maltless. M. D. Wool. 164,163; Feb. 13.
Beverage compound and the beverages made therefrom. Zipp Manufacturing Company. 174,123; Oct. 2; Serial No. 132,673; published June 21, 1921.
Beverage, Dry compound for making nonalcoholic, maltless. Golden Grain Juice Co. 167,106; Apr. 24; Serial No. 169,588; published Jan. 9, 1923.
Beverage, Grape. Nu Grape Company of America. 171,157; July 31; Serial No. 176,276; published May 1, 1923.
Beverage made from milk, cocoa, etc., and a sirup for making the same. R. W. Goodale. 167,162; Apr. 24; Serial No. 171,214; published Feb. 6, 1923.
Beverage made of fruits, nuts, and grain, Food. Bartlett Nu Products Corporation. 168,364; May 22; Serial No. 164,987; published Feb. 27, 1923.
Beverage or root beer, Nonalcoholic. Parker-Browne Company. 168,489; May 22.
Beverage powder used for making soft drinks. P. S. Hollis. 174,676; Oct. 23; Serial No. 172,380; published July 24, 1923.
Beverage purposes, Nonalcoholic, maltless fruit-flavored concentrate for. Premier Malt Products Company of Ohio. 167,048; Apr. 24; Serial No. 170,213; published Jan. 30, 1923.
Beverage sold as a soft drink. P. Acunto. 164,268; Feb. 13.
Beverage sold as a soft drink. Armour and Company; 164,130; Feb. 13.
Beverage sold as a soft drink. J. Bluemantle. 172,179; Aug. 21.
Beverage sold as a soft drink. E. E. Carneal. 173,944; Oct. 2; Serial No. 179,354; published July 10, 1923.
Beverage sold as a soft drink. A. Constantino. 164,816; Feb. 27.
Beverage sold as a soft drink. R. G. Court Co. 167,013; Apr. 24; Serial No. 162,666; published Aug. 29, 1922.
Beverage sold as a soft drink. A. Demetrulias. 170,354; July 10.
Beverage sold as a soft drink. J. L. Demoville. 164,261; Feb. 13.
Beverage sold as a soft drink. Ec-Ko-Beverage Corporation. 165,447; Mar. 13; Serial No. 171,307; published Jan. 2, 1922.
Beverage sold as a soft drink. M. L. Eisenberg. 171,047; July 31; Serial No. 175,349; published May 15, 1923.
Beverage sold as a soft drink. Emerson Drug Co. 169,553; June 19.
Beverage sold as a soft drink. J. D. Fletcher. 176,863; Dec. 4; Serial No. 140,791; published Aug. 21, 1923.
Beverage sold as a soft drink. Goldstein Brothers. 165,621; Mar. 13; Serial No. 167,387; published Jan. 2, 1923.
Beverage sold as a soft drink. W. H. Gunckel. 171,137; July 15; Serial No. 159,700; published May 1, 1923.
Beverage sold as a soft drink. Havasmile Company. 164,129; Feb. 13.
Beverage sold as a soft drink. J. M. Hussey. 165,696; Mar. 20; Serial No. 169,905; published Jan. 2, 1923.
Beverage sold as a soft drink. N. Kabel. 163,347; Jan. 9.
Beverage sold as a soft drink. Ko-Fan Company. 164,256; Feb. 13.
Beverage sold as a soft drink. C. F. Martin. 167,116; Apr. 24; Serial No. 164,254; published July 25, 1922.
Beverage sold as a soft drink. C. E. May. 171,473; Aug. 7; Serial No. 178,349; published May 22, 1923.
Beverage sold as a soft drink. C. E. May. 177,456; Dec. 18; Serial No. 178,347; published Oct. 2, 1923.
Beverage sold as a soft drink. M. B. McCarthy. 177,127; Dec. 11; Serial No. 119,527; published Mar. 7, 1922.
Beverage sold as a soft drink. W. McKee. 174,171; Oct. 9; Serial No. 179,876; published July 17, 1923.
Beverage sold as a soft drink. Mouquin Rt. & Wine Co. 169,559; June 19.
Beverage sold as a soft drink. Pabst Corporation. 177,339; Dec. 18; Serial No. 181,210; published Oct. 2, 1923.
Beverage sold as a soft drink. Specialty Soda Water Bottling Company. 168,971; May 29; Serial No. 170,499; published Mar. 13, 1923.
Beverage sold as a soft drink. Sugar Loaf Beverage Co. 173,633; Oct. 2; Serial No. 108,728; published Feb. 8, 1921.
Beverage sold as a soft drink. M. E. Vaughan. 175,406; Nov. 6; Serial No. 181,625; published Aug. 28, 1923.
Beverage sold as a soft drink. L. Wolf. 167,312; Apr. 24.
Beverage sold as a soft drink and a compound for making same. Beverage Extract Company. 174,179; Oct. 9; Serial No. 179,513; published July 17, 1923.
Beverage sold as a soft drink and a sirup used for making same. Southern Fruit Julep Co. 166,750; Apr. 10.
Beverage sold as a soft drink and flavoring sirups, etc., used in preparation of the same. Forst Products Co. 170,289; July 10; Serial No. 176,172; published Apr. 17, 1923.
Beverage sold as a soft drink and sirup and concentrates for making same. Emerson Drug Co. 171,926; Aug. 14.
Beverage sold as a soft drink and sirup for making same. J. A. Fleming. 167,107; Apr. 24; Serial No. 169,673; published Jan. 30, 1923.
Beverage sold as a soft drink and sirup for making same. Jack Beverage Company. 164,196–208; Feb. 13.
Beverage sold as a soft drink and sirup for making same. H. C. Watkins. 175,527; Nov. 6; Serial No. 181,157; published Aug. 28, 1923.
Beverage sold as a soft drink and sirups and extracts for making same. California Alfalfa Products Company. 172,239; Aug. 28; Serial No. 175,299; published May 29, 1923.
Beverage sold as a soft drink and sirups for making same. Los Angeles Ice & Cold Storage Co. 169,390; June 12; Serial No. 167,404; published Oct. 10, 1922.
Beverage sold as a soft drink and sirups for making same. Sethness Company. 173,953; Oct. 2; Serial No. 175,681; published July 10, 1923.
Beverage sold as a soft drink and sirups for making the same. C. G. Dillon. 174,177; Oct. 9; Serial No. 179,590; published July 17, 1923.
Beverage sold as a soft drink and sirups for making the same. Hurty-Peck & Co. 170,369; July 17; Serial No. 174,011; published Apr. 10, 1923.
Beverage sold as a soft drink and sirups for making same. Fruit. Queen City Bottling Company. 167,778; May 8; Serial No. 171,955; published Feb. 13, 1923.
Beverage sold as a soft drink and sirups used in preparation of same, Fruit. M. O. Spurgeon. 167,672; May 8; Serial No. 172,909; published Feb. 20, 1923.
Beverage sold as a soft drink and sirups used in the preparation of same. Ladwig-Schlueter Co. 171,476; Aug. 7; Serial No. 178,259; published May 22, 1923.
Beverage sold as a soft drink and sirups used in the preparation of same, Fruit. Lyons Bros. Co. 167,668; May 8; Serial No. 172,752; published Feb. 20, 1923.
Beverage sold as a soft drink, Fruit. United Cigar Stores Company of America. 168,400; May 22; Serial No. 171,672; published Feb. 20, 1923.
Beverage sold as soft drink and sirups for making same. Hurty-Peck & Company. 177,132; Dec. 11; Serial No. 145,896; published Aug. 15, 1922.
Beverage sold as soft drink and sirups for making the same. S. Davis. 165,446; Mar. 13; Serial No. 171,259; published Jan. 2, 1923.
Beverage sold as soft drinks and sirups for making same. Mound City Bottling Company. 172,988; Sept. 11; Serial No. 173,845; published June 12, 1923.
Beverage sold as soft drink, Nonalcoholic, maltless. M. Geertz. 163,324; Jan. 9.
Beverage sold for soft drink purposes. De Lue Company. 176,806; Nov. 27.
Beverage used as a soft drink. Corning Ice & Bottling Works. 168,931; May 29; Serial No. 173,624; published Mar. 13, 1923.
Beverages. Cantrell & Cochrane, Limited. 177,370; Dec. 18; Serial No. 181,672; published Oct. 2, 1923.
Beverages. Erbo Company. 167,095; Apr. 24; Serial No. 167,007; published Jan. 9, 1923.
Beverages. W. P. Powers. 177,416; Dec. 18; Serial No. 165,809; published Oct. 2, 1923.
Beverages and compounds and concentrates for making the same. Orange Crush Company. 174,146; Oct. 2.
Beverages and compounds for making same. Good-Grape Company. 177,327; Dec. 18; Serial No. 178,720; published Oct. 2, 1923.
Beverages and extracts for making same. Victor Manufacturing Co. 165,736; Mar. 20; Serial No. 169,568; published Dec. 19, 1922.
Beverages and ginger ale sold as soft drinks and extracts, sirups, etc., for making same. Abeco Beverage Company. 168,258; May 15; Serial No. 171,605; published Feb. 27, 1923.
Beverages and sirups. Schuster Company. 174,301; Oct. 9.
Beverages and sirups and concentrates for making same. Citrus Products Company. 167,082; Apr. 24; Serial No. 154,483; published Aug. 22, 1922.
Beverages and sirups for making same. Frank F. Pasch Co. 175,674; Nov. 6.
Beverages and sirups for making same. Pure Products Syrup Corporation. 175,224; Oct. 30.
Beverages and sirups for making same, Fruit. California Products & Extract Co. 175,418; Nov. 6; Serial No. 160,393; published May 16, 1922.
Beverages and sirups for making same, Fruit. Jones Bros. & Co. 165,693; Mar. 20; Serial No. 170,023; published Jan. 2, 1923.
Beverages and sirups for making same, Nonalcoholic, maltless. Tropical Fruit Juice Company. 169,496; June 19; Serial No. 153,058; published May 9, 1922.
Beverages and sirups used in making same. Ho-Jay Corporation. 177,493; Dec. 18; Serial No. 182,812; published Oct. 2, 1923.
Beverages, Carbonated. Hiram Wheaton & Sons. 22,778; renewed Apr. 11, 1923.

Beverages, Concentrated preparation for preparing non-alcoholic, maltless. Mervine Mfg. Co. 168,476; May 22; Serial No. 168,160; published Feb. 20, 1923.
Beverages containing less than one-half of one per cent of alcohol, by volume. C. E. Ritzler. 165,597; Mar. 13; Serial No. 132,570; published Sept. 21, 1920.
Beverages, Corn sirup used in the manufacture of. E. M. Blumenthal. 168,261; May 15; Serial No. 170,677; published Feb. 27, 1923.
Beverages, fruit sirups, extracts, and flavorings for the same. R. E. Marett. 176,429; Nov. 27; Serial No. 184,412; published Sept. 18, 1923.
Beverages, Ginger ale, wild cherry, etc. Golden Grain Juice Co. 164,269; Feb. 13.
Beverages, Maltless chocolate cereal. Vita Food Company. 174,848; Oct. 23; Serial No. 177,529; published July 31, 1923.
Beverages, Nonalcoholic. J. W. Palmer. 176,415; Nov. 27; Serial No. 180,386; published Sept. 18, 1923.
Beverages, Nonalcoholic, maltless. L. Boggiano. 163,282–4; Jan. 9.
Bverages sold as a soft drink. Mouquin Rt. & Wine Co. 173,797; Oct. 2; Serial No. 174,405; published July 3, 1923.
Beverages sold as a soft drink. Snapp Bottling Co. 177,842; Dec. 25.
Beverages sold as a soft drink. Gebr. Zuppinger. 164,921; Feb. 27.
Beverages sold as a soft drink, Nonalcoholic, maltless. Boonville Bottling Wks. 163,821; Jan. 30.
Beverages sold as a soft drink and sirup used for making same. Southern Fruit Julep Co. 171,921–5; Aug. 14.
Beverages sold as soft drinks. J. A. Anthony. 169,021; May 29.
Beverages sold as soft drinks. Combier & Cie. 170,374; July 17; Serial No. 174,166; published Apr. 10, 1923.
Beverages sold as soft drinks. A. M. Dodge, Inc. 177,695; Dec. 25; Serial No. 183,443; published Oct. 9, 1923.
Beverages sold as soft drinks. Fried & Gotthelf. 166,742; Apr. 10.
Beverages sold as soft drinks. Florida Products Company. 177,435; Dec. 18; Serial No. 182,506; published Oct. 2, 1923.
Beverages sold as soft drinks. R. L. Napier. 169,091; June 5.
Beverages sold as soft drinks. Perfection Beverage Corporation. 163,863; Jan. 30.
Beverages sold as soft drinks. Ricco Company of America. 175,456; Nov. 6; Serial No. 150,470; published Oct. 31, 1922.
Beverages sold as soft drinks. Charles T. Smith Company. 164,155; Feb. 13.
Beverages sold as soft drinks. Charles T. Smith Company. 171,597; Aug. 7; Serial No. 176,223; published May 22, 1923.
Beverages sold as soft drinks and compounds and concentrates for manufacturing same. Citrus Products Company. 167,099; Apr. 24; Serial No. 167,555; published Jan. 30, 1923.
Beverages sold as soft drinks and extracts and sirups for making same. Henry H. Ottens Mfg. Co. 171,958; Aug. 14.
Beverages sold as soft drinks and extracts, etc., for making same. New England Brewing Company. 168,257; May 15; Serial No. 171,651; published Feb. 27, 1923.
Beverages sold as soft drinks and sirups and extracts therefor. Nugrape Company of America. 164,168; Feb. 13.
Beverages sold as soft drinks and sirups, etc., for making same. W. D. Bost. 171,058; July 31; Serial No. 176,444; published May 15, 1923.
Beverages sold as soft drinks and sirup for making same. H. G. Abele. 164,428; Feb. 20.
Beverages sold as soft drinks and sirups for making same. Card-Martin Company. 163,426–7; Jan. 9.
Beverages sold as soft drinks and sirups for making same. Coca-Cola Bottling Co. 165,684; Mar. 20; Serial No. 170,426; published Dec. 19, 1922.
Beverages sold as soft drinks, and sirups for making same. Gay-Ola Syrup Co. 163,865; Jan. 30.
Beverages sold as soft drinks and sirups for making same. F. Hoffman & Sons. 163,339; Jan. 9.
Beverages sold as soft drinks and sirups for making same. Jack Beverage Company. 167,074; Apr. 24; Serial No. 172,107; published Feb. 6, 1923.
Beverages sold as soft drinks and sirups for making same. Mouquin Restaurant and Wine Company. 172,324; Aug. 28; Serial No. 176,686; published May 29, 1923.
Beverages sold as soft drinks and sirups for making same. Purity Products Co. 175,669; Nov. 6.
Beverages sold as soft drinks and sirups for making same. W. E. Tanner. 171,088; July 31; Serial No. 174,495; published May 15, 1923.
Beverages sold as soft drinks and sirups for making same. Westchester Bottling Works. 172,325; Aug. 28; Serial No. 176,700; published May 29, 1923.
Beverages sold as soft drinks and sirup for making the same. B. Boumenot. 164,156; Feb. 13.
Beverages sold as soft drinks and sirup for making the same. T. F. Casey. 166,744; Apr. 10.
Beverages, sold as soft drinks, and sirups for making the same. Cherry Blossom Mfg. Co. 176,802; Nov. 27.
Beverages sold as soft drinks and sirups for making the same. I. K. Friedman. 164,533; Feb. 20.
Beverages sold as soft drinks and sirups for making the same. Hagan and Dodd Co. 164,265; Feb. 13.
Beverages sold as soft drinks and sirups for making the same. W. G. Keck. 168,930; May 29; Serial No. 173,770; published Mar. 13, 1923.
Beverages sold as soft drinks and sirups for making the same. H. Kirsch & Co. 170,049; July 10; Serial No. 175,400; published Apr. 17, 1923.
Beverages sold as soft drinks and sirups for making the same. Qualtop Beverages, Inc. 177,681; Dec. 25; Serial No. 185,188; published Oct. 9, 1923.
Beverages sold as soft drinks and sirups for making the same. Reiner Brothers Co. 163,389; Jan. 9.
Beverages sold as soft drinks and sirups for making the same. J. M. Rodgers. 177,682; Dec. 25; Serial No. 185,189; published Oct. 9, 1923.
Beverages sold as soft drinks and sirups for making the same. N. K. Ross. 168,421; May 22; Serial No. 172,441; published Feb. 20, 1923.
Beverages sold as soft drinks and sirups for making the same. Sand Springs Bottling Co. 170,376; July 10; Serial No. 174,339; published Apr. 10, 1923.
Beverages sold as soft drinks and sirups for making the same. Society Club Beverage Corporation. 170,051; July 10; Serial No. 175,411; published Apr. 17, 1923.
Beverages sold as soft drinks and sirups for making the same. Westchester Bottling Works. 163,417; Jan. 9.
Beverages sold as soft drinks and sirups for preparing same. Garrett and Co. 171,098; July 31; Serial No. 174,077; published May 1, 1923.
Beverages sold as soft drinks and sirups used in the preparation of same. Chicago Beverage Co. 177,575; Dec. 18; Serial No. 184,712; published Oct. 9, 1923.
Beverages sold as soft drinks and sirups used in the preparation of same. N. E. French. 175,206; Oct. 30; Serial No. 181,743; published Aug. 7, 1923.
Beverages sold as soft drinks and sirups used in the preparation of same. J. R. Reynolds. 170,290; July 10; Serial No. 176,217; published Apr. 17, 1923.
Beverages sold as soft drinks, flavors and extracts for making the same. Busch Products Co. 164,967; Feb. 27.
Beverages sold as soft drinks, Ginger-flavored. Star Beverage Co. 168,780; May 29; Serial No. 120,072; published Feb. 13, 1923.
Beverages sold as soft drinks, Maltless carbonated. Florida Products Company. 174,054; Oct. 2; Serial No. 178,032; published July 3, 1923.
Beverages to be sold as a soft drink. S. Mariani. 169,106; June 5.
Beverages to be sold as soft drinks and at soda fountains. F. A. Stolte. 165,542; Mar. 13; Serial No. 160,155; published Jan. 2, 1923.
Cider and grape juice. Brocton Fruit Products Company. 177,833; Dec. 25.
Cider and grape juice. Roscoe Haeglin Co. 176,647; Nov. 27; Serial No. 152,277; published Oct. 18, 1921.
Cider, grape juice, grenadine sirup, etc., Sweet. Park & Tilford. 168,251; May 15; Serial No. 173,003; published Feb. 27, 1923.
Coffee. Louisville Coffee Company. 169,687; June 26; Serial No. 166,080; published Apr. 17, 1923.
Drink, Carbonated grape. Good-Grape Company. 167,019; Apr. 24; Serial No. 162,168; published Jan. 16, 1923.
Drink, Nonalcoholic, maltless grape. Good Grape Company. 168,305; May 15.
Drink, Nonalcoholic, maltless orange. Comet's California Orange Drink Co. 171,059; July 31; Serial No. 176,452; published May 15, 1923.
Drink, Pineapple. Tropical Juice Corp. 175,236; Oct. 30.
Drink, Soft. R. G. Stoehr. 171,106; July 31; Serial No. 174,491; published May 1, 1923.
Drinks, Soft. Chicago Whistle Bottling Co. 175,566; Nov. 6; Serial No. 181,379; published Aug. 28, 1923.
Drinks, Soft. Monadnock Beverage Company. 177,492; Dec. 18; Serial No. 183,118; published Oct. 2, 1923.
Drinks, Nonalcoholic, maltless soft. J. F. Lazier Mfg. Co. 171,050; July 31; Serial No. 175,430; published May 8, 1923.
Drinks, Nonalcoholic, maltless soft. J. F. Lazier Mfg. Co. 173,989; Oct. 2; Serial No. 178,745; published July 17, 1923.
Extract, Concentrated maltless. Advance Chemical Company. 175,512; Nov. 6; Serial No. 177,721; published Aug. 28, 1923.
Extract for soft drink purposes, Vegetable. L. S. Carney. 174,865; Oct. 23; Serial No. 180,467; published July 31, 1923.
Extract used in the preparation of soft drinks. A. L. Voge. 168,949; May 29; Serial No. 172,405; published Mar. 13, 1923.
Extract used in the preparation of soft drinks. A. L. Voge. 169,181; June 12; Serial No. 172,406; published Mar. 27, 1923.
Flavored powders from which soft drinks are made. K & H Products Company. 175,680; Nov. 6.
Flavoring extract for soft drinks. A. G. Eisold. 175,386; Nov. 6; Serial No. 170,129; published Aug. 28, 1923.

Flavoring for making beverages. Davies, Rose & Co. 177,426; Dec. 18; Serial No. 156,480; published Oct. 2, 1923.

Flavorings, sirups, fruit acids, and quintessences. American Syrup Co. 168,040; May 15; Serial No. 172,856; published Feb. 20, 1923.

Flavors and flavoring extracts for soft drinks, Maltless. McCormick & Co. 168,556; May 29; Serial No. 161,786; published Feb. 13, 1923.

Fruit juice for beverage purposes, Concentrated. G. Loewus & Co. 164,794; Feb. 27.

Fruit juices, Nonalcoholic, maltless concentrated. California Citrus Fruit Juice Company. 171,155; July 31; Serial No. 176,163; published May 1, 1923.

Ginger ale. Abner-Drury Company. 165,691; Mar. 20; Serial No. 170,173; published Dec. 19, 1922.

Ginger ale. Bartow Beverages, Inc. 174,223; Oct. 9; Serial No. 180,832; published July 10, 1923.

Ginger ale. M. L. Eisenberg. 171,048; July 31; Serial No. 175,350; published May 15, 1923.

Ginger ale. I. L. Flory. 172,231; Aug. 28; Serial No. 174,692; published May 29, 1923.

Ginger ale. J. G. Fox. 177,680; Dec. 25; Serial No. 184,967; published Oct. 9, 1923.

Ginger ale. E. W. Jeffress, Inc. 165,577; Mar. 13; Serial No. 162,420; published Jan. 2, 1923.

Ginger ale. O. Price. 168,981; May 29.

Ginger ale and beverages sold as soft drinks. C. A. Hay. 174,866; Oct. 23; Serial No. 180,428; published July 31, 1923.

Ginger ale, cream soda, root beer, etc. Grand Forks Bottling Works. 171,599; Aug. 7; Serial No. 176,266; published May 22, 1923.

Ginger ale, root beer, sarsaparilla. S. D. Lefas. 165,748; Mar. 20; Serial No. 171,090; published Jan. 2, 1923.

Ginger ale, sarsaparilla, and root beer. J. Friedrich. 177,685; Dec. 25; Serial No. 184,817; published Oct. 9, 1923.

Grape flavored concentrate. Howdy Company. 173,294; Sept. 18; Serial No. 180,183; published June 19, 1923.

Grape juice. L. S. Wetmore Company. 173,305; Sept. 18; Serial No. 179,575; published June 19, 1923.

Grape juice. Wirth-Concordade Company. 166,837; Apr. 17; Serial No. 169,662; published Jan. 30, 1923.

Grape juice and apple juice. Paul De Laney Co. Inc. 170,294; July 10; Serial No. 175,772; published Apr. 17, 1923.

Hair tonic. J. B. Montgomery. 163,375; Jan. 9.

Lemonade powders. Freeman's Foods, Limited. 171,319; Aug. 7; Serial No. 168,147; published Apr. 24, 1923.

Punch sold as a soft drink, Orange. Mission Orange Punch Company. 163,374; Jan. 9.

Sarsaparilla, ginger ale, cream soda, etc. Wm. Montgomery & Co. 174,892; Oct. 23; Serial No. 179,811; published July 24, 1923.

Sirup, acids, etc., for beverage purposes. Northwestern Bakers & Confectioners Co. 177,369; Dec. 18; Serial No. 181,856; published Oct. 2, 1923.

Sirup and extracts for beverage purposes. Murray Company. 174,637; Oct. 23; Serial No. 180,983; published July 31, 1923.

Sirup for beverage purposes, Grape-flavored. Queen City Extract Company. 173,238; Sept. 18; Serial No. 163,413; published June 19, 1923.

Sirup for making a citrous beverage. Sethness Company. 177,302; Dec. 18; Serial No. 173,147; published Oct. 2, 1923.

Sirup for soft drinks, Fruit. Mock's Advance Honeymoon Fruit Syrup Co. 164,910; Feb. 27.

Sirup used in making a beverage to be sold as a soft drink, Flavoring. J. C. Orlando. 164,259–60; Feb. 13.

Sirup used in making soft drinks. C. J. Dennis. 175,408; Nov. 6; Serial No. 181,516; published Aug. 28, 1923.

Sirups for fountain drinks, Maltless. Grace Chocolate Company. 164,889; Feb. 27.

Sirups for making soft drinks, Nonalcoholic maltless fruit. Logan-Johnson, Ltd. 163,363; Jan. 9.

Sirups for manufacture of nonalcoholic maltless beverages, etc., Concentrated. V. Jones. 171,018; July 31; Serial No. 167,247; published May 8, 1923.

Sirups for soft drinks, Maltless soda-fountain. Elgot & Giuntini. 173,667; Oct. 2; Serial No. 177,659; published July 3, 1923.

Sirups for soft drinks, Nonalcoholic, maltless flavoring. Walker Bros. Co. 168,936; May 29; Serial No. 173,262; published Mar. 13, 1923.

Sirups for use in making beverages. S. L. Goldman. 167,169; Apr. 24; Serial No. 171,635; published Jan. 30, 1923.

Sirups, Nonalcoholic, maltless fruit. E. Burden. 173,206; Sept. 18; Serial No. 172,507; published June 19, 1923.

Soda water. W. P. Courtney. 173,982; Oct. 2; Serial No. 181,062; published July 10, 1923.

Soft drink, nonintoxicating, nonalcoholic, maltless. Indianapolis Brewing Co. 164,813; Feb. 27.

Soft drinks, Maltless. M. L. Eisenberg. 171,049; July 31; Serial No. 175,351; published May 15, 1923.

Soft fruit drinks, Nonalcoholic, maltless, carbonated. Comstock Drug Company. 164,914; Feb. 27.

Tonic. John Chmiell Co. 164,133; Feb. 13.

Water, Alkaline nonpurgative table. California Bottling Association. 177,784; Dec. 25; Serial No. 183,694; published Oct. 9, 1923.

Water and ginger ale, Natural mineral. R. S. Gitterman. 168,013; May 8.

Water and root beer and fruit-flavored soft drinks, Table. Pabst Corporation. 177,340; Dec. 18; Serial No. 181,215; published Oct. 2, 1923.

Water, Artificially-prepared mineral. J. A. Steele. 173,901; Oct. 2; Serial No. 176,292; published July 3, 1923.

Water, ginger ale, phosphate, ozonate, and carbonated beverages, Mineral. White Rock Mineral Spring Company. 23,873; renewed Nov. 28, 1923.

Water, ginger ale, root beer, etc., Still and carbonated. Waukesha Silurian Water Co. 177,193; Dec. 11; Serial No. 178,316; published Aug. 28, 1923.

Water, Medicinal. C. Magee, jr. 172,832; Sept. 11; Serial No. 161,493; published May 29, 1923.

Water, Mineral. E. Meyer. 177,696; Dec. 25; Serial No. 183,393; published Oct. 9, 1923.

Water, Mineral. G. Musante. 167,307; Apr. 24.

Water, Mineral. W. H. Thurman. 172,303; Aug. 28; Serial No. 175,415; published May 29, 1923.

Water, Natural mineral. Stafford Mineral Springs & Hotel Co. 24,281; renewed Feb. 27, 1924.

Water, Natural mineral-spring. Stafford Mineral Spring Company. 22,869; renewed Apr. 25, 1923.

Water, Spring drinking. B. J. Russell. 176,788; Nov. 27.

Water, Table. Pabst Corporation. 172,188; Aug. 21.

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Alimentary paste. Bonadio & Merchiorri Co. 166,476; Apr. 3; Serial No. 166,973; published Jan. 16, 1923.

Alimentary paste. Los Angeles Macaroni Co. 173,593; Sept. 25.

Alimentary paste products. Ronzoni Macaroni Company. 167,978; May 8.

Alimentary paste products. Tharinger Macaroni Company. 171,229; July 31; Serial No. 171,186; published May 15, 1923.

Alimentry products and pastes, spaghetti, etc. W. S. Creed. 177,196; Dec. 11; Serial No. 178,494; published Sept. 25, 1923.

Almond paste, blanched peanuts, etc. National Almond Products Co. 172,254; Aug. 28; Serial No. 155,513; published May 29, 1923.

Almonds. Byer & Sons. 163,290; Jan. 9.

Almonds. California Almond Growers Exchange. 175,296; Nov. 6; Serial No. 157,024; published May 8, 1923.

Almonds. California Almond Growers Exchange. 175,313; Nov. 6; Serial No. 157,025; published May 8, 1923.

Almonds, Candied. C. Olmsted. 171,344; Aug. 7; Serial No. 173,202; published May 22, 1923.

Almonds, Salted. California Almond Packers, Inc. 174,630; Oct. 23; Serial No. 179,585; published July 31, 1923.

Almonds, Toasted. J. S. Eustis. 171,568; Aug. 7; Serial No. 173,885; published May 22, 1923.

Apples. Wenatchee Northern Warehouse & Marketing Co. 168,685; May 29; Serial No. 169,342; published Mar. 6, 1923.

Apples, dehydrated. Washington Dehydrated Food Co. 170,508; July 17; Serial No. 172,919; published Apr. 17, 1923.

Apples, Evaporated. C. C. Hall, Inc. 166,455; Apr. 3; Serial No. 165,999; published Jan. 16, 1923.

Apples, Evaporated. C. C. Hall, Inc. 172,615; Sept. 11; Serial No. 165,998; published Jan. 16, 1923.

Apples, Fresh. Acme Orchard Co. 171,521; Aug. 7; Serial No. 176,149; published May 15, 1923.

Apples, Fresh. Alaga & Forencich Co. 171,104; July 31; Serial No. 174,422; published May 8, 1923.

Apples, Fresh. Beacon Trading Company. 164,721; Feb. 27.

Apples, Fresh. W. A. Bolinger. 171,071; July 31; Serial No. 171,896; published May 8, 1923.

Apples, Fresh. Cashmere Fruit Growers Union. 176,535; Nov. 27; Serial No. 182,563; published Sept. 11, 1923.

Apples, Fresh. N. M. Crossley. 165,029; Feb. 27.

Apples, Fresh. Denney & Co. 173,616; Oct. 2; Serial No. 166,657; published July 3, 1923.

Apples, Fresh. Earl Fruit Company of The Northwest. 172,072; Aug. 21; Serial No. 177,282; published May 29, 1923.

Apples, Fresh. Eat Wenatchee Apples, Inc. 173,556; Sept. 25.

Apples, Fresh. Elk Mountain Orchard Co. 170,917; July 24; Serial No. 166,356; published Apr. 24, 1923.

Apples, Fresh. Growers Service Co. 176,723; Nov. 27; Serial No. 171,840; published Sept. 11, 1923.

Apples, Fresh. Jensen & Sons. 176,530; Nov. 27; Serial No. 182,916; published Sept. 18, 1923.

Apples, Fresh. Omak Fruit Growers. 174,148; Oct. 2.

Apples, Fresh. Otis Orchards Apple Company. 172,770; Sept. 11; Serial No. 173,361; published June 5, 1923.

Apples, Fresh. J. C. Palumbo. 176,522; Nov. 27; Serial No. 182,928; published Sept. 18, 1923.

Apples, Fresh. W. E. Roche. 173,329; Sept. 25; Serial No. 171,552; published June 26, 1923.

Apples, Fresh. Sebastopol Apple Growers Union. 164,952; Feb. 27.

Classified list of trade-marks registered—Continued.

Apples, Fresh. Sebastopol Apple Growers Union. 165,987; Mar. 27; Serial No. 162,956; published Nov. 28, 1922.
Apples, Fresh. Skookum Packers Association. 165,877; Mar. 20.
Apples, Fresh. Spokane Valley Growers Union. 166,675; Apr. 10; Serial No. 165,723; published Jan. 30, 1923.
Apples, Fresh. R. A. Tedford & Co. 167,662; May 8; Serial No. 168,809; published Feb. 13, 1923.
Apples, Fresh. Touchet Valley Apple Co. 175,381; Nov. 6, Serial No. 180,908; published Aug. 21, 1923.
Apples, Fresh. Touchet Valley Apple Co. 175,436; Nov. 6; Serial No. 180,909; published Aug. 21, 1923.
Apples, Fresh. Wenatchee Okanogan Warehousing Co. 163,415; Jan. 9.
Apples, Fresh. Western New York Fruit Growers' Co-Operative Packing Ass'n, Inc. 168,354; May 22; Serial No. 166,518; published Feb. 20, 1923.
Apples, Fresh boxed. R. J. Graham. 173,963; Oct. 2; Serial No. 171,536; published July 17, 1923.
Apples, peaches, pears, plums, etc., Fresh. Western New York Fruit Growers' Co-Operative Packing Ass'n. 168,561; May 29; Serial No. 166,517; published Feb. 20, 1923.
Apples, pears, strawberries, and potatoes, Fresh. Steinhauser Bros. 164,948; Feb. 27.
Apples, plums, cherries, grapes, pears and peaches in their natural state. F. M. Wilson. 168,359; May 22; Serial No. 165,470; published Feb. 20, 1923.
Apples, potatoes, and cream, cattle, Fresh. R. F. Perkins. 167,057; Apr. 24; Serial No. 160,721; published Jan. 30, 1923.
Artichokes, Fresh. J. L. Debenedetti. 163,305; Jan. 9.
Bacon. Barrington Packing Co. 177,102; Dec. 11; Serial No. 168,749; published Sept. 25, 1923.
Bacon. Beech-Nut Packing Company. 170,929; July 24; Serial No. 162,798; published Apr. 24, 1923.
Bacon. Detroit Packing Co. 174,135; Oct. 2.
Bacon, ham, boiled ham, sugar-cured meats. East Tennessee Packing Company. 166,341; Apr. 3; Serial No. 161,622; published Jan. 9, 1923.
Bacon, ham, breakfast-bacon squares. Schaffner Brothers Company. 173,389; Sept. 25; Serial No. 169,929; published July 3, 1923.
Bacon, hams, and lard. George Little Limited. 173,670; Oct. 2; Serial No. 177,839; published July 10, 1923.
Bakers' and confectioners' supplies. T. F. Naughtin. 167,010; Apr. 24; Serial No. 162,762; published Jan. 30, 1923.
Bakery products. Iten Biscuit Co. 163,507; Jan. 16.
Bakery products. Van De Kamp's Holland Dutch Bakers. 166,779; Apr. 10.
Bakery products—namely, rolls. Schafer Bakery Inc. 163,249; Jan. 2.
Bananas. H. J. Vinkemulder. 176,108; Nov. 20; Serial No. 160,168; published Aug. 21, 1923.
Barley, oats, and rolled oats, etc. N. V. Koninklijke Pellerij "Mercurius" voorheen Gebroeders Laan. 167,132; Apr. 24; Serial No. 158,396; published Dec. 26, 1922.
Bay leaves, beans, birdseed, flour, etc. Citizens' Wholesale Supply Company. 166,107; Mar. 27; Serial No. 147,156; published Oct. 25, 1922.
Beans, Product made of. Sang Yuen & Co. 176,130; Nov. 20; Serial No. 174,162; published Sept. 4, 1923.
Beef, breakfast wheat, corn meal, rolled oats, etc., Dried sliced. Tolerton & Warfield Co. 165,112; Mar. 6; Serial No. 135,179; published Nov. 7, 1922.
Beef, Cooked corn. Virden Packing Company. 166,342; Apr. 3; Serial No. 161,161; published Jan. 9, 1923.
Beef, Fresh. Detroit Packing Company. 172,029; Aug. 21; Serial No. 166,658; published May 29, 1923.
Beef, mutton, veal, etc., Fresh. J. M. Hayes. 175,238; Oct. 30.
Beefsteak, Cooked and canned. L. A. Long. 175,278; Oct. 30.
Berries, Fresh. Central California Berry Growers Association. 166,668; Apr. 10; Serial No. 165,270; published Feb. 6, 1923.
Beverage, Cereal food. Battle Creek Food Company. 175,212; Oct. 30.
Beverage, Coffeelike. Kellogg Company. 174,517; Oct. 16; Serial No. 177,914; published July 24, 1923.
Beverage suitable as a coffee substitute. G. Weinstein. 166,893; Apr. 17; Serial No. 165,904; published Feb. 6, 1923.
Birdseed, flavoring extract, fish food, olive oil, etc. Owl Drug Company. 176,859; Dec. 4; Serial No. 166,400; published Sept. 11, 1923.
Biscuit, National Biscuit Company. 163,605; Jan. 23.
Biscuit. National Biscuit Company. 173,121; Sept. 18; Serial No. 163,593; published June 12, 1923.
Biscuit, Cereal. Battle Creek Food Company. 176,751; Nov. 27; Serial No. 175,700; published Aug. 7, 1923.
Biscuits. Bishop & Company. 170,663; July 17; Serial No. 134,455; published Aug. 24, 1922.
Biscuits. J. S. Ivins' Son, Inc. 170,976; July 24.
Biscuits. Perfection Biscuit Company. 173,818; Oct. 2; Serial No. 171,950; published Mar. 20, 1923.
Biscuits and crackers. Frank Goetz Bakery Company. 175,684; Nov. 6.
Biscuits and crackers. National Biscuit Company. 167,960; May 8.
Biscuits and crackers. National Biscuit Company. 176,097; Nov. 13.
Biscuits, Bran. Spongette Pure Food Company. 170,867; July 24; Serial No. 166,909; published Mar. 27, 1923.
Biscuits, crackers, cookies, and cakes. National Biscuit Company. 176,873; Dec. 4; Serial No. 181,644; published Sept. 25, 1923.
Blueberries, Fresh. Joseph J. White, Inc. 171,332; Aug. 7; Serial No. 172,457; published May 8, 1923.
Bonbons, Bread. H. C. Jackson. 172,181; Aug. 21.
Bran. Midland Flour Milling Co. 172,589; Sept. 11; Serial No. 169,368; published May 15, 1923.
Bran. Potter-Wrightington, Inc. 172,469; Aug. 28; Serial No. 171,467; published May 8, 1923.
Bran. Warner, Moore & Co. 176,752; Nov. 27; Serial No. 175,582; published Aug. 7, 1923.
Bread. American Bakeries Co. 177,287; Dec. 11.
Bread. Beech-Nut Packing Company. 163,276; Jan. 9.
Bread. Bixler Baking Company. 170,934; July 24; Serial No. 169,615; published Feb. 19, 1923.
Bread. Bixler Baking Company. 176,841; Dec. 4; Serial No. 176,597; published Sept. 11, 1923.
Bread. James Butler Inc. 171,067; July 31; Serial No. 162,240; published Mar. 27, 1923.
Bread. California Bakery Company. 175,812; Nov. 13; Serial No. 153,076; published Aug. 14, 1923.
Bread. Corby Baking Company. 169,987; July 10; Serial No. 94,532; published Apr. 3, 1923.
Bread. Corby Baking Company. 172,633; Sept. 11; Serial No. 167,292; published June 5, 1923.
Bread. Des Moines Bakery Co. 167,389; May 1; Serial No. 164,536; published Dec. 19, 1922.
Bread. L. B. Fellner. 170,804; July 24; Serial No. 169,579; published Apr. 3, 1923.
Bread. T. J. Fitzpatrick. 174,782; Oct. 23; Serial No. 153,036; published July 24, 1923.
Bread. General Baking Company. 167,085; Apr. 24; Serial Nos. 152,465–6; published Dec. 19, 1922.
Bread. General Baking Company. 167,270; Apr. 24; Serial No. 152,466; published Dec. 19, 1922.
Bread. General Baking Company. 167,275; Apr. 24; Serial Nos. 151,266–7; published Dec. 26, 1922.
Bread. General Baking Company. 172,460; Aug. 28; Serial No. 160,056; published May 8, 1923.
Bread. Gordon-Pagel Company. 167,265; Apr. 24; Serial No. 153,596; published Feb. 6, 1923.
Bread. Hall Baking Co. 173,505; Sept. 25; Serial No. 175,787; published June 19, 1923.
Bread. Harlfinger Baking Co. 170,957; July 24.
Bread. Hillsdale Baking Company. 177,442–3; Dec. 18; Serial Nos. 182,149–50; published Oct. 2, 1923.
Bread. G. W. Huck. 167,460; May 1; Serial No. 167,392; published Jan. 9, 1923.
Bread. Indian Village Bakery. 177,270; Dec. 11; Serial No. 156,579; published Sept. 25, 1923.
Bread. J. C. Macpherson. 174,134; Oct. 2.
Bread. M. M. Meldram. 171,689; Aug. 7.
Bread. Midland Flour Milling Co. 167,413; May 1; Serial No. 168,480; published Jan. 16, 1923.
Bread. Nafziger Baking Company. 176,756; Nov. 27; Serial No. 175,262; published July 31, 1923.
Bread. National Bakeries, Inc. 172,641; Sept. 11; Serial No. 159,763; published May 1, 1923.
Bread. New England Bakery Company. 172,478; Aug. 28.
Bread. Old Homestead Bread Company. 170,838; July 24; Serial No. 159,978; published Apr. 3, 1923.
Bread. Original Ry-Krisp Co. 172,490; Aug. 28.
Bread. Paul's Bake Shop, Inc. 165,649; Mar. 13.
Bread. Renaud's Incorporated. 165,398; Mar. 6; Serial No. 156,861; published Oct. 31, 1922.
Bread. D. R. Rice. 163,528–9; Jan. 16.
Bread. P. O. Sampson. 176,572; Nov. 27; Serial No. 178,289; published Aug. 21, 1923.
Bread. Scheller Catering Company. 167,183; Apr. 24; Serial No. 162,856; published Dec. 12, 1922.
Bread. Schulze Baking Company. 165,075; Mar. 6; Serial No. 159,293; published Nov. 14, 1922.
Bread. Schulze Baking Company. 170,974; July 24.
Bread. J. E. Siebel Sons' Co. 163,623; Jan. 23.
Bread. G. Smith. 175,722; Nov. 6.
Bread. Smith & Hofsess. 173,499; Sept. 25; Serial No 175,682; published June 19, 1923.
Bread. Star Bakery Co. 167,198; Apr. 24; Serial No. 162,513; published Jan. 23, 1923
Bread. Tip Top Baking Co. 170,808; July 24; Serial No. 171,558; published Mar. 13, 1923.
Bread. Tip Top Baking Co. 172,494; Aug. 28.
Bread. Union Bakery. 176,566; Nov. 27; Serial No. 179,691; published Sept. 18, 1923.
Bread. Vermont Baking Company. 173,539; Sept. 25.
Bread. Ward Baking Company. 163,414; Jan. 9.
Bread. Ward Baking Company. 166,921; Apr. 17; Serial No. 161,662; published Dec. 12, 1922.
Bread. Ward Baking Company. 167,381; May 1; Serial No. 166,159; published Jan. 9, 1923.
Bread. Ward Baking Company. 170,794; July 24; Serial No. 169,794; published Feb. 27, 1923.
Bread. Ward Baking Company. 170,799; July 24; Serial No. 169,382; published Feb. 27, 1923.
Bread. Ward Baking Company. 170,801; July 24; Serial No. 169,384; published Mar. 27, 1923.
Bread. Ward Baking Company. 170,895; July 24; Serial No. 171,435; published Mar. 13, 1923.

Classified list of trade-marks registered—Continued.

Bread. Ward Baking Company. 170,938; July 24; Serial No. 169,385; published Feb. 27, 1923.
Bread. Ward Baking Company. 171,015; July 31; Serial No. 169,386; published Apr. 3, 1923.
Bread. Ward Baking Company. 171,016; July 31; Serial No. 169,387; published Mar. 27, 1923.
Bread. Ward Baking Company. 171,028; July 31; Serial No. 168,699; published Apr. 3, 1923.
Bread. Ward Baking Company. 172,442; Aug. 28; Serial No. 171,436; published May 1, 1923.
Bread. Ward Baking Company. 176,492; Nov. 27; Serial No. 170,512; published Aug. 21, 1923.
Bread. Ward Baking Company. 177,502; Dec. 18; Serial No. 182,322; published Oct. 2, 1923.
Bread. Warners Whole Wheat Bread Inc. 170,951; July 24; Serial No. 166,863; published Feb. 20, 1923.
Bread. D. S. Wilson, M. D. 172,831; Sept. 11; Serial No. 165,050; published May 8, 1923.
Bread. D. P. Woolley. 177,119; Dec. 11; Serial No. 181,369; published Sept. 25, 1923.
Bread. D. P. Woolley. 177,120; Dec. 11; Serial No. 181,367; published Sept. 25, 1923.
Bread. D. P. Woolley. 177,121–2; Dec. 11; Serial Nos. 181,363–4; published Sept. 25, 1923.
Bread. D. P. Woolley. 177,123; Dec. 11; Serial No. 181,360; published Sept. 25, 1923.
Bread. Zinsmaster Baking Company. 170,542; July 17; Serial No. 136,822; published May 24, 1921.
Bread and cookies. F. C. Balbo. 165,138; Mar. 6; Serial No. 150,725; published Nov. 7, 1922.
Bread and cookies, Ginger. M. A. Banning. 176,864; Dec. 4; Serial No. 158,592; published Sept. 4, 1923.
Bread and crackers. Potter-Wrightington, Inc. 171,064; July 31; Serial No. 164,186; published Mar. 27, 1923.
Bread and doughnuts. A. J. Becker. 170,837; July 24; Serial No. 161,022; published Mar. 27, 1923.
Bread and toast. N. A. Matson Co. 167,510; May 1; Serial No. 165,702; published Dec. 12, 1922.
Bread and wheat flour. Miesenhelder Bros. 165,244; Mar. 6.
Bread, Bakers'. Burny Bros. 175,679; Nov. 6.
Bread, biscuits, cake, cookies, etc. M. D. Coulter. 172,477; Aug. 28; Serial No. 173,180; published May 1, 1923.
Bread, cake, and a vitamine-containing product. Ward Baking Company. 177,061; Dec. 11; Serial No. 168,183; published Aug. 21, 1923.
Bread, cake, pies, canned puddings, etc. Friend Brothers. 172,747; Sept. 11; Serial No. 167,518; published May 1, 1923.
Bread, cake, wheat, corn, and rye flour, and yeast. Ward Baking Company. 167,087; Apr. 24; Serial No. 148,637; published Dec. 9, 1922.
Bread, cakes, and cereal breakfast foods. Ward Baking Company. 170,800; July 24; Serial No. 169,383; published Mar. 27, 1923.
Breads, cakes, and pastries. C. A. Franke. 172,563; Sept. 11; Serial No. 170,762; published May 1, 1923.
Bread, cakes, and pies. Schlater's, Incorporated. 172,686; Sept. 11; Serial No. 158,902; published May 15, 1923.
Bread, cakes, crackers, biscuits, buns, etc. E. Gase. 165,150; Mar. 6; Serial No. 145,680; published Nov. 7, 1922.
Bread, crackers, and muffins. J. F. Strachan. 172,935; Sept. 11; Serial No. 163,006; published June 5, 1923.
Bread crumbs, canned pork and beans, butter, canned vegetables, etc. Almar Tea Co. 165,140; Mar. 6; Serial No. 149,791; published Nov. 7, 1922.
Bread, Loaves of wheat. Jay Burns Baking Company. 172,811; Sept. 11; Serial No. 168,980; published Apr. 3, 1923.
Bread, rolls, and biscuits. W. H. Marston. 165,406; Mar. 6; Serial No. 156,171; published Oct. 31, 1922.
Bread, rolls, and biscuits. W. H. Marston. 165,407; Mar. 6; Serial No. 156,172; published Oct. 17, 1922.
Bread, rolls, and buns. H. W. Conrad. 167,383; May 1; Serial No. 166,043; published Jan. 9, 1923.
Bread, rolls, biscuits, cakes, etc. Ward Baking Company. 176,852; Dec. 4; Serial No. 175,374; published Sept. 4, 1923.
Bread, rolls, sweet dough, etc. Thommen's Inc. 176,899; Dec. 4.
Bread, Rye, wheat, and French. A. Yost & Son. 167,052; Apr. 24; Serial No. 161,611; published Dec. 26, 1923.
Butter. Aberdeen Creamery Company. 167,384; May 1; Serial No. 164,793; published Jan. 30, 1923.
Butter. Anna Creamery Company. 176,616; Nov. 27; Serial No. 174,685; published July 31, 1923.
Butter. Beatrice Creamery Company. 170,956; July 24.
Butter. H. N. Brawner, jr. 172,939; Sept. 11; Serial No. 161,347; published June 5, 1923.
Butter. Clyde Creamery Company. 172,634; Sept. 11; Serial No. 167,290; published June 5, 1923.
Butter. S. T. Edel's Sons. 176,866; Dec. 4; Serial No. 161,415; published Sept. 11, 1923.
Butter. Fairmont Creamery Co. 163,839; Jan. 30.
Butter. Galeton Dairy Products Company. 176,843; Dec. 4; Serial No. 177,837; published Aug. 21, 1923.
Butter. T. F. Gallagher. 176,865; Dec. 4; Serial No. 159,466; published Sept. 11, 1923.
Butter. Gerhart & Pagels. 166,294; Mar. 27.
Butter. Golden & Company. 165,094; Mar. 6; Serial No. 155,746; published Nov. 14, 1922.
Butter. Great Atlantic and Pacific Tea Company. 172,763; Sept. 11; Serial No. 174,776; published June 5, 1923.
Butter. Iola Creamery Company. 170,809; July 24; Serial No. 171,759; published Mar. 13, 1923.
Butter. Kirschbraun & Sons, Inc. 172,621; Sept. 11; Serial No. 161,687; published June 5, 1923.
Butter. Laurel Ice & Packing Co. 167,207; Apr. 24; Serial No. 165,295; published Dec. 12, 1922.
Butter. I. Mallowitz. 167,509; May 1; Serial No. 165,805; published Dec. 12, 1922.
Butter. Metzger Bros. 165,652; Mar. 13.
Butter. Milk Producers Association of Central California. 172,595; Sept. 11; Serial No. 172,281; published June 5, 1923.
Butter. Milton Dairy Company. 167,028; Apr. 24; Serial No. 161,691; published Jan. 30, 1923.
Butter. Mooresville Co-Operative Creamery Co. 170,897; July 24; Serial No. 171,280; published Mar. 13, 1923.
Butter. Nelson-Ricks Creamery Co. 177,819; Dec. 25.
Butter. Nickel & Drummey. 177,328; Dec. 18; Serial No. 178,624; published Sept. 25, 1923.
Butter. Piggly Wiggly Corporation. 165,402; Mar. 6; Serial No. 156,544; published Oct. 31, 1922.
Butter. W. Perkins. 172,985; Sept. 11; Serial No. 174,027; published June 5, 1923.
Butter. Phenix Cheese Co. 171,687; Aug. 7.
Butter. Purity Creamery Co. 167,199; Apr. 24; Serial No. 162,568; published Dec. 12, 1922.
Butter. Rugby Creamery. 177,388; Dec. 18; Serial No. 181,779; published Oct. 2, 1923.
Butter. Sumner Co. 168,668; May 29; Serial No. 152,968; published Mar. 6, 1923.
Butter. Sunshine Stores, Inc. 171,027; July 31; Serial No. 168,498; published Mar. 20, 1923.
Butter. Swingley Bros. 177,733; Dec. 25; Serial No. 182,781; published Oct. 2, 1923.
Butter. Wadley Company. 167,135; Apr. 24; Serial No. 157,243; published Dec. 26, 1922.
Butter. Western Dairy Co. 167,274; Apr. 24; Serial No. 152,052; published Mar. 14, 1922.
Butter. Western Ohio Creamery Co. 176,849; Dec. 4; Serial No. 174,272; published Sept. 11, 1923.
Butter. White Clover Butter Company. 163,646; Jan. 23.
Butter and canned milk. C. I. Cook. 163,558; Jan. 23.
Butter and cheese. New Zealand Co-Operative Dairy Company Limited. 176,860; Dec. 4; Serial No. 168,332; published Sept. 4, 1923.
Butter and cheese. M. P. E. Radloff. 165,641; Mar. 13.
Butter and eggs. Green & Company. 167,119; Apr. 24; Serial No. 164,900; published Dec. 19, 1922.
Butter and eggs. Gude Brothers, Kieffer Company. 176,182; Nov. 20; Serial No. 174,442; published July 10, 1923.
Butter and eggs. Kennedy-Poole Company. 165,386; Mar. 6; Serial No. 160,413; published Nov. 14, 1922.
Butter and eggs, Creamery. D. Langfeld. 167,877; May 8; Serial No. 167,181; published Jan. 9, 1923.
Butter, cheese, and eggs. George Ehlenberger & Co. 177,818; Dec. 25.
Butter, cheese, and eggs. C. F. Newman. 167,055; Apr. 24; Serial No. 160,772; published Dec. 26, 1923.
Butter, cheese, eggs, and sausage. Swift and Company. 170,926; July 24; Serial No. 163,186; published Mar. 20, 1923.
Butter, coffee, tea, spices, etc. Mound City Creamery and Food Products Co. 173,242; Sept. 18; Serial No. 160,953; published Mar. 27, 1923.
Butter, Creamery. American Butter Company. 166,122; Mar. 27; Serial No. 152,827; published Nov. 7, 1922.
Butter, Creamery. Harrow-Taylor Butter Co. 172,466; Aug. 28; Serial No. 170,328; published May 8, 1923.
Butter, Creamery. Kirschbraun & Sons, Inc. 167,886; May 8; Serial No. 167,819; published Feb. 6, 1923.
Butter, Creamery. D. Langfeld. 167,876; May 8; Serial No. 167,182; published Jan. 9, 1923.
Butter, dried beans, bread, etc. H. P. Hood & Sons, Inc. 170,911; July 24; Serial No. 146,216; published Apr. 3, 1923.
Butter, eggs, and cheese. H. N. Brawner, jr. 172,585; Sept. 11; Serial No. 170,707; published May 15, 1923.
Butter, eggs, and cheese. Taylor Produce Co. 176,648; Nov. 27; Serial No. 150,413; published Aug. 7, 1923.
Butter, eggs, and raw cream. Pioneer Creamery Co. 165,103; Mar. 6; Serial No. 143,781; published Nov. 7, 1922.
Butter, eggs, and raw cream. Pioneer Creamery Co. 167,357; May 1; Serial No. 143,783; published Dec. 19, 1922.
Butter, eggs, cheese. Kurtin & Kurtin. 166,878; Apr. 17; Serial No. 155,410; published Feb. 6, 1923.
Butter, eggs, cheese, lard, etc. Vermont Creamery Incorporated. 170,871; July 24; Serial No. 165,903; published Mar. 27, 1923.
Butter, eggs, lard, etc. Dunlevy Packing Company. 176,646; Nov. 27; Serial No. 155,668; published July 24, 1923.
Butter, fresh eggs, cheese. S. S. Long & Bro., Inc. 167,188; Apr. 24; Serial No. 157,932; published Jan. 23, 1923.

Butter, oleomargarine, eggs, etc. Dunlevy Packing Company. 177,143; Dec. 11; Serial No. 150,311; published Sept. 11, 1923.
Butter, oleomargarine, eggs, lard, etc. Dunlevy Packing Company. 177,138; Dec. 11; Serial No. 150,310; published Aug. 7, 1923.
Butter, olives, and oleomargarine. Arthur E. Dorr & Co. 172,632; Sept. 11; Serial No. 80,177; published June 5, 1923.
Butter, Tub. Freedman Bros. 171,905; Aug. 14.
Buttermilk, Concentrated. Consolidated Products Co. 176,959; Dec. 11; Serial No. 177,364; published Sept. 18, 1923.
Cabbage, Pickled. Block-Zimmerman & Company. 172,206; Aug. 28; Serial No. 173,226; published May 29, 1923.
Café au lait. Nestlé & Anglo-Swiss Condensed Milk Co. 176,696; Nov. 27; Serial No. 157,627; published Sept. 18, 1923.
Cake. American Cone & Pretzel Co. 165,373; Mar. 6; Serial No. 160,458; published Nov. 14, 1922.
Cake. Cable-Draper Baking Company. 166,163; Mar. 27; Serial No. 153,586; published Nov. 7, 1922.
Cake. Campbell Baking Company. 165,278; Mar. 6; Serial No. 154,076; published Nov. 7, 1922.
Cake. Diamond Cake Company. 170,141; July 31; Serial No. 160,239; published Mar. 27, 1923.
Cake. Hirz Bros. 170,966; July 24.
Cake. F. O. Stone Baking Company. 167,290–1; Apr. 24.
Cake. Tasty Baking Company. 176,645; Nov. 27; Serial No. 157,084; published July 24, 1923.
Cake. Thommen's Inc. 174,297; Oct. 9.
Cake. Ward Baking Company. 176,368; Nov. 20.
Cake and cake mix. Joe Lowe Co. 176,580; Nov. 27; Serial No. 178,109; published Aug. 21, 1923.
Cake and pastry mixture. S. W. Noggle. 170,805; July 24; Serial No. 169,773; published Feb. 27, 1923.
Cake and pastry mixture. S. W. Noggle. 172,736; Sept. 11; Serial No. 169,774; published May 1, 1923.
Cake bars, Chocolate-coated fruit-. H. J. Titus. 165,389; Mar. 6; Serial No. 159,902; published Nov. 28, 1922.
Cake, Chocolate. American Biscuit Company. 172,479; Aug. 28.
Cake, Fruit. L. Simon. 172,554; Sept. 11; Serial No. 169,987; published May 1, 1923.
Cake icing, pie filling, shredded coconut, etc. Mills Brothers Company. 177,112; Dec. 11; Serial No. 174,716; published Sept. 11, 1923.
Cake mix. Hirsch Brothers Co. 170,899; July 24; Serial No. 171,081; published Mar. 13, 1923.
Cake mixes. Ad. Seidel & Sons. 165,647; Mar. 13.
Cake, Sweet. Independent Baking Company. 165,961; Mar. 27; Serial No. 156,389; published Oct. 24, 1922.
Cake, Toasted sponge. Tasty Baking Company. 176,999; Dec. 11; Serial No. 175,684; published Aug. 21, 1923.
Cakes. J. Bermejo. 177,209; Dec. 11; Serial No. 177,582; published Sept. 18, 1923.
Cakes. Colonial Biscuit Company. 176,502; Nov. 27; Serial No. 159,410; published Aug. 7, 1923.
Cakes. Cushman's Sons, Inc. 170,896; July 24; Serial No. 171,415; published Mar. 13, 1923.
Cakes. Loose-Wiles Biscuit Company. 176,838; Dec. 4; Serial No. 179,542; published Sept. 11, 1923.
Cakes. Pacific Coast Biscuit Company. 166,333; Mar. 27.
Cakes. Ward Baking Company. 163,642; Jan. 23.
Cakes. Ward Baking Company. 170,894; July 24; Serial No. 171,437; published Mar. 13, 1923.
Cakes and bread. Atlas Baking Company. 172,827; Sept. 11; Serial No. 166,623; published May 15, 1923.
Cakes and pies. Simon Hubig Company. 165,635; Mar. 13.
Cakes and pies. Simon Hubig Company. 165,638; Mar. 13.
Cakes, cookies, and fried cakes. Grennan Cake Corporation. 166,148; Mar. 27; Serial No. 157,031; published Oct. 31, 1922.
Cakes, cookies, and fried cakes. Grennan Cake Corporation. 171,483; Aug. 7; Serial No. 153,179; published May 22, 1923.
Cakes, Fried. Frontier Merchandising Corporation. 165,561; Mar. 13; Serial No. 156,523; published Oct. 31, 1922.
Cakes, wafers, crackers, and biscuits. Loose Wiles Biscuit Company. 163,596; Jan. 23.
Candied pop corn. J. E. Mosiman. 165,817; Mar. 20; Serial No. 155,024; published Jan. 2, 1923.
Candies. John B. Arata, Jr., Inc. 177,352; Dec. 18; Serial No. 180,515; published Sept. 11, 1923.
Candies. D. Auerbach and Sons. 170,747; July 24; Serial No. 173,737; published Apr. 24, 1923.
Candies. A. Bernard. 173,475–6; Sept. 25; Serial Nos. 176,155–6; published June 19, 1923.
Candies. Betty Lou College Candy Company. 166,542; Apr. 10; Serial No. 152,670; published Jan. 9, 1923.
Candies. Bishop & Company. 164,882; Feb. 27.
Candies. A. J. Bloomfield. 165,982; Mar. 27; Serial No. 162,157; published Nov. 28, 1922.
Candies. Butter-Nut Candy Co. 169,549; June 19.
Candies. L. J. Christopher Co. 173,144–5; Sept. 18; Serial Nos. 177,958–9; published June 12, 1923.
Candies. J. N. Collins Company. 165,544; Mar. 13; Serial No. 160,488; published Dec. 12, 1922.
Candies. J. N. Collins Company. 165,973; Mar. 27; Serial No. 160,489; published Dec. 12, 1922.
Candies. J. N. Collins Company. 171,250; July 31; Serial No. 160,488; published Dec. 12, 1922.
Candies. M. M. Diffenbacher. 177,719; Dec. 25; Serial No. 158,113; published Sept. 25, 1923.
Candies. Douglass Caramel Company. 176,605; Nov. 27; Serial No. 179,591; published Sept. 18, 1923.
Candies. Mary M. Hardy & Florence H. Baird. 171,111; July 31; Serial No. 174,737; published May 8, 1923.
Candies. H. Jevne Co. 166,896; Apr. 17; Serial No. 165,685; published Jan. 30, 1923.
Candies. Robert A. Johnston Co. 170,160; July 10; Serial No. 169,715; published Apr. 3, 1923.
Candies. Robert A. Johnston Company. 174,136; Oct. 2.
Candies. J. J. King. 164,801; Feb. 27.
Candies. King Candy Co. 170,382; July 17; Serial No. 172,113; published Apr. 10, 1923.
Candies. King Candy Co. 171,257; July 31; Serial No. 169,551; published May 1, 1923.
Candies. Laura Secord Confections, Ltd. 163,475; Jan. 16.
Candies. A. Lawrence. 165,889; Mar. 20.
Candies. Loft, Inc. 176,437; Nov. 27; Serial No. 180,708; published Sept. 11, 1923.
Candies. H. Maillard. 171,658; Aug. 7.
Candies. Mason, Au & Magenheimer Confectionery Manufacturing Company. 170,155; July 10; Serial No. 168,978; published Apr. 3, 1923.
Candies. Mason, Au & Magenheimer Confectionery Manufacturing Company. 165,797; Mar. 20; Serial No. 163,161; published Dec. 26, 1922.
Candies. J. G. McDonald Chocolate Co. 166,720; Apr. 10; Serial No. 163,588; published Feb. 6, 1923.
Candies. J. Mendell. 166,879; Apr. 17; Serial No. 153,610; published Mar. 14, 1922.
Candies. A. L. Miller. 163,373; Jan. 9.
Candies. Pacific Coast Biscuit Company. 170,443; July 17; Serial No. 172,119; published Apr. 10, 1923.
Candies. Peerless Confection Company. 174,660; Oct. 23; Serial No. 169,605; published July 24, 1923.
Candies. Peerless Confection Company. 175,079; Oct. 30; Serial No. 169,604; published Aug. 7, 1923.
Candies. Peterkin Company. 174,007; Oct. 2; Serial No. 174,485; published July 17, 1923.
Candies. Quaker City Chocolate & Confectionery Company. 171,094; Aug. 21; Serial No. 174,487; published May 29, 1923.
Candies. S. E. Rathburn. 166,885; Apr. 17; Serial No. 167,751; published Feb. 6, 1923.
Candies. Remar Sweets Company. 164,653; Feb. 27.
Candies. M. Ringe. 175,291; Nov. 6; Serial No. 154,570; published Aug. 14, 1923.
Candies. Samson Candy Co. 173,493; Sept. 25; Serial No. 175,538; published June 19, 1923.
Candies. W. F. Schrafft & Sons Corporation. 170,113; July 10; Serial No. 159,327; published Apr. 3, 1923.
Candies. Shotwell Mfg. Co. 175,565; Nov. 6; Serial No. 181,456; published Aug. 21, 1923.
Candies. Sioux Candy Company. 163,398; Jan. 9.
Candies. L. R. Steel Company. 167,355; May 1; Serial No. 144,160; published Mar. 14, 1922.
Candies. Stephen F. Whitman & Son, Incorporated. 175,360; Nov. 6; Serial No. 177,642; published Aug. 14, 1923.
Candies. F. M. Switzer. 165,795; Mar. 20; Serial No. 163,359; published Dec. 26, 1922.
Candies. Dolly Varden Chocolate Company. 171,588; Aug. 7; Serial No. 175,632; published May 22, 1923.
Candies. J. Vinikow. 164,575; Feb. 20.
Candies. Vit Candy Co. 166,071; Mar. 27; Serial No. 159,639; published Aug. 8, 1922.
Candies. Voegele & Dinning Co. Inc. 163,411; Jan. 9.
Candies. John Wanamaker, New York. 165,863; Mar. 20; Serial No. 153,275; published Dec. 26, 1922.
Candies. E. H. Ward. 168,514; May 22.
Candies. Wiener & Bieber. 163,419; Jan. 9.
Candies. H. J. Williamson. 166,929; Apr. 17; Serial No. 167,857; published Feb. 6, 1923.
Candies. Zucnutkandy Company. 177,157; Dec. 11; Serial No. 181,969; published Sept. 25, 1923.
Candies and candied fruits. Miller & Paine, Inc. 173,890; Oct. 2; Serial No. 176,750; published July 3, 1923.
Candies and assorted chocolates. Union News Company. 171,333; Aug. 7; Serial No. 172,498; published May 15, 1923.
Candies and chocolates. Loomis-Woodward Co. 166,875; Apr. 17; Serial No. 158,086; published Jan. 30, 1923.
Candies and chocolates. Smith, Kline & French Co. 163,399; Jan. 9.
Candies and chocolates. United Cigar Stores Company of America. 168,700; May 29; Serial No. 166,613; published Mar. 6, 1923.
Candies and eating chocolates. J. F. Schmidt. 172,241; Aug. 28; Serial No. 164,729; published Dec. 19, 1922.
Candies and sweetmeats. Callard & Bowser. 24,507; renewed Apr. 10, 1924.
Candies, bonbons, chocolates, and marshmallows. C. Baruxes. 163,275; Jan. 9.
Candies, candy confections, sweetmeats, and chewing gum. Ideal Caramel Company. 176,704; Nov. 27; Serial No. 177,227; published Sept. 4, 1923.

Candies, candy confections, sweetmeats, and chewing gum. Ideal Caramel Company. 177,763; Dec. 25; Serial No. 177,226; published Aug. 28, 1923.
Candies, candy confections, sweetmeats, chewing gums. Ideal Caramel Company. 177,214; Dec. 11; Serial No. 177,225; published Aug. 28, 1923.
Candies, Chocolate. Clinton Copeland Co. 173,393; Sept. 25; Serial No. 162,532; published July 3, 1923.
Candies, Chocolate. E. Greenfield's Sons. 168,871; May 29; Serial No. 170,382; published Mar. 13, 1923.
Candies, Chocolate. Parnibeck Chocolate Co. 171,125; July 31; Serial No. 175,515; published May 15, 1923.
Candies, Chocolate-covered. George Close Co. 169,695; June 26.
Candies, Hard. A. Gustenhoven. 167,301; Apr. 24.
Candies, Marshmallow. Wm. H. Luden Inc. 176,716; Nov. 27; Serial No. 183,308; published Sept. 18, 1923.
Candies, pastries, breads, cakes. A. Paulson. 177,104; Dec. 11; Serial No. 170,538; published Sept. 18, 1923.
Candies, preserved figs, and glacéd or sugar-coated fruits. John Rothschild, Pedler & Co. 164,050; Feb. 13.
Candy. Alberta Candy Company. 163,267; Jan. 9.
Candy. Alpine Chocolates Company. 166,359; Apr. 3; Serial No. 152,666; published Jan. 16, 1923.
Candy. Ambrosia Chocolate Co. 170,430; July 17; Serial No. 171,887; published Apr. 10, 1923.
Candy. Ambrosia Chocolate Co. 176,686; Nov. 27; Serial No. 168,094; published Aug. 21, 1923.
Candy. Fred W. Amend Co. 166,096; Mar. 27; Serial No. 164,687; published Dec. 19, 1922.
Candy. Fred W. Amend Co. 166,889; Apr. 17; Serial No. 167,286; published Feb. 6, 1923.
Candy. American Oriental Candy Mfg. Co. 172,049; Aug. 21; Serial No. 153,793; published May 22, 1923.
Candy. H. C. Anderson. 164,140; Feb. 13.
Candy. M. K. Anderson. 166,887; Apr. 17; Serial No. 167,446; published Feb. 6, 1923.
Candy. O. P. Baur Conf. Co. 173,073; Sept. 11.
Candy. Belle Mead Sweetsmakers. 177,096; Dec. 11; Serial No. 171,148; published Mar. 27, 1923.
Candy. F. L. Berg. 170,549; July 17; Serial No. 173,289; published Apr. 24, 1923.
Candy. Bonita Company. 165,767; Mar. 20; Serial No. 160,855; published Dec. 26, 1922.
Candy. Bonita Company. 166,343; Apr. 3; Serial No. 160,856; published Jan. 9, 1923.
Candy. Bonita Co. 176,604; Nov. 27; Serial No. 179,849; published Sept. 11, 1923.
Candy. A. Bonomo. 166,880; Apr. 17; Serial No. 151,306; published Feb. 6, 1923.
Candy. W. I. Booth. 165,968; Mar. 27; Serial No. 159,404; published Nov. 28, 1922.
Candy. Brecht Candy Company. 170,448; July 10; Serial No. 172,199; published Apr. 10, 1923.
Candy. Bunte Brothers. 171,320; Aug. 7; Serial No. 168,294; published May 8, 1923.
Candy. Bunte Brothers. 171,457; Aug. 7; Serial No. 168,446; published May 8, 1923.
Candy. Buttersweet Products Corporation. 176,439; Nov. 27; Serial No. 180,580; published Sept. 11, 1923.
Candy. Cactus Crystal Company. 171,173; July 31; Serial Nos. 171,449–50; published Mar. 27, 1923.
Candy. Cardinet Candy Co. 166,076; Mar. 27; Serial No. 159,243; published Dec. 19, 1922.
Candy. Cardinet Candy Company. 175,253; Oct. 30.
Candy. Cardinet Candy Company. 175,835; Nov. 13; Serial No. 181,878; published Sept. 4, 1923.
Candy. Catawba Candy Co. 177,099; Dec. 11; Serial No. 170,004; published Mar. 13, 1923.
Candy. Cecil Manufacturing Company. 163,295; Jan. 9.
Candy. Charter Chocolate Company. 166,352; Apr. 3; Serial No. 141,556; published Jan. 9, 1923.
Candy. Charter Chocolate Company. 168,794; May 29; Serial No. 141,557; published Mar. 6, 1923.
Candy. Charter Chocolate Company. 175,837; Nov. 13; Serial No. 181,816; published Sept. 4, 1923.
Candy. Chocolate Products Company. 171,180; July 31; Serial No. 171,686; published May 1, 1923.
Candy. Chocolate Products Company. 172,420; Aug. 28; Serial No. 174,890; published May 29, 1923.
Candy. Chocolate Products Company. 173,502; Sept. 25; Serial No. 175,711; published June 19, 1923.
Candy. Citizens' Wholesale Supply Co. 167,681; May 8; Serial No. 154,791; published Feb. 13, 1923.
Candy. George Close Co. 169,547; June 19.
Candy. George Close Co. 170,483; July 17; Serial No. 172,517; published Apr. 17, 1923.
Candy. George Close Co. 170,488; July 17; Serial No. 172,516; published Apr. 17, 1923.
Candy. George Close Co. 171,237; July 31; Serial No. 170,564; published May 8, 1923.
Candy. George Close Co. 171,238; July 31; Serial No. 170,562; published May 1, 1923.
Candy. George Close Co. 173,347; Sept. 25; Serial No. 170,561; published June 26, 1923.
Candy. George Close Co. 175,071; Oct. 30; Serial No. 170,563; published Aug. 14, 1923.
Candy. J. N. Collins Company. 165,540; Mar. 13; Serial No. 160,048; published Dec. 12, 1922.
Candy. Consumers Biscuit Company. 176,998; Dec. 11; Serial No. 176,164; published Sept. 25, 1923.
Candy. Crescent Creole Candy Co. 169,988; July 10; Serial No. 130,160; published Mar. 6, 1923.
Candy. Crystal Candy Co. 165,782; Mar. 20; Serial No. 157,476; published Jan. 2, 1923.
Candy. Crystal Candy Co. 168,579; May 29; Serial No. 162,872; published Feb. 20, 1923.
Candy. E. Dean. 171,261; July 31; Serial No. 169,435; published May 15, 1923.
Candy. De Klyn Candy Company. 175,849; Nov. 13; Serial No. 180,530; published Aug. 28, 1923.
Candy. H. Dilas. 173,889; Oct. 2; Serial No. 176,731; published July 10, 1923.
Candy. Dilling & Company. 164,052; Feb. 13.
Candy. Direct Chocolate Company. 175,536; Nov. 6; Serial No. 180,755; published Aug. 21, 1923.
Candy. Dolly Varden Chocolate Company. 176,538; Nov. 27; Serial No. 182,236; published Sept. 11, 1923.
Candy. Durand Co. 165,632; Mar. 13.
Candy. Elmer Candy Co. 173,523; Sept. 25.
Candy. Elmer Candy Co. 173,861; Oct. 2; Serial No. 175,077; published July 3, 1923.
Candy. Elmer Candy Co. 173,867; Oct. 2; Serial No. 175,229; published July 3, 1923.
Candy. Euclid Candy Co. 173,782; Oct. 2; Serial No. 176,171; published July 3, 1923.
Candy. Euclid Candy Company. 169,278; June 12; Serial No. 144,611; published Mar. 27, 1923.
Candy. A. D. Flynn. 173,985; Oct. 2; Serial No. 178,601; published July 17, 1923.
Candy. A. D. Flynn. 176,027; Nov. 13; Serial No. 178,602; published July 17, 1923.
Candy. W. R. Fox. 163,469; Jan. 16.
Candy. Friedman-Kerr Co. 168,606; May 29; Serial No. 168,714; published Feb. 13, 1923.
Candy. Frozen Fruit, Inc. 175,817; Nov. 13; Serial No. 159,088; published Aug. 14, 1923.
Candy. D. Gambinossi. 175,120; Oct. 30; Serial No. 176,265; published Aug. 14, 1923.
Candy. Geiger Candy Company. 176,525; Nov. 27; Serial No. 183,058; published Sept. 18, 1923.
Candy. Geiger Candy Company. 176,707–8; Nov. 27; Serial Nos. 183,060–1; published Sept. 18, 1923.
Candy. C. E. Gheens. 171,370; Aug. 7; Serial No. 169,542; published May 8, 1923.
Candy. S. B. Goff & Sons Company. 171,781; Aug. 14; Serial No. 172,939; published May 22, 1923.
Candy. Gorham Chocolate Company. 166,505; Apr. 3; Serial No. 163,269; published Jan. 9, 1923.
Candy. Grace Chocolate Company. 168,678; May 29; Serial No. 169,207; published Mar. 6, 1923.
Candy. W. T. Grant Company. 174,769; Oct. 23; Serial No. 170,881; published Aug. 14, 1923.
Candy. Gurinian Candy Co. 168,555; May 29; Serial No. 161,248; published Feb. 13, 1923.
Candy. Gurley Candy Company. 171,309; Aug. 7; Serial No. 163,267; published May 15, 1923.
Candy. Halligan Candy Company. 170,511; July 17; Serial No. 173,043; published Apr. 17, 1923.
Candy. Harris Woodson Co. 177,053; Dec. 11; Serial No. 180,216; published Sept. 25, 1923.
Candy. M. A. Hasty. 173,856; Oct. 2; Serial No. 175,492; published July 3, 1923.
Candy. Hawley & Hoops. 175,009; Oct. 30; Serial No. 177,971; published Aug. 14, 1923.
Candy. Walter J. Hirsch Company. 171,147; July 31; Serial No. 162,547; published May 15, 1923.
Candy. E. A. Hoffman. 174,791; Oct. 23; Serial No. 174,393; published July 24, 1923.
Candy. G. B. Hooker. 173,214; Sept. 18; Serial No. 174,778; published June 19, 1923.
Candy. Howard H. Hoyt Candy Co. 166,500; Apr. 3; Serial No. 162,738; published Jan. 16, 1923.
Candy. L. C. Hunt. 169,943; July 3.
Candy. Huyler's. 173,971; Oct. 2; Serial No. 171,172; published July 17, 1923.
Candy. Huyler's. 175,504; Nov. 6; Serial No. 175,657; published June 26, 1923.
Candy. Import Drug Specialties Co. 175,601; Nov. 6; Serial No. 178,847; published Aug. 14, 1923.
Candy. B. L. Johnson & Co. 164,659; Feb. 27.
Candy. B. L. Johnson & Co. 175,008; Oct. 30; Serial No. 177,975; published Aug. 14, 1923.
Candy. Robert A. Johnston Company. 171,128; July 31; Serial No. 175,659; published May 15, 1923.
Candy. G. Kantes. 171,736; Aug. 14; Serial No. 169,764; published May 15, 1923.
Candy. N. G. Knight. 171,511; Aug. 7; Serial No. 162,824; published May 22, 1923.
Candy. S. Kreenwich. 163,358; Jan. 9.
Candy. C. Leicktman. 175,124; Oct. 30; Serial No. 175,932; published Aug. 14, 1923.
Candy. L. L. Lipschultz. 169,766; July 3; Serial No. 169,311; published Apr. 3, 1923.
Candy. Walter M. Lowney Company. 173,786; Oct. 2; Serial No. 177,235; published July 3, 1923.
Candy. Wm. H. Luden Inc. 176,444; Nov. 27; Serial No. 180,541; published Sept. 18, 1923.
Candy. Wm. H. Luden Inc. 177,043; Dec. 11; Serial No. 180,542; published Sept. 25, 1923.
Candy. Lukis Candy Company. 168,546; May 29; Serial No. 158,683; published Mar. 6, 1923.
Candy. Maison Blanche Co. 175,946; Nov. 13; Serial No. 172,753; published Aug. 28, 1923.
Candy. Maple Products Co. 167,014; Apr. 24; Serial No. 162,498; published Jan. 30, 1923.

Candy. Marshall Candy Company. 169,256; June 12; Serial No. 171,227; published Mar. 27, 1923.
Candy. E. L. Mathews Candy Company. 165,884; May 20.
Candy. McDowell, Pyle & Co. 169,248; June 12; Serial No. 170,723; published Mar. 27, 1923.
Candy. O. A. McQuillan. 169,370; June 12; Serial No. 169,452; published Mar. 27, 1923.
Candy. Meier & Frank Co. 163,513; Jan. 16.
Candy. Mer-Sha Candies. 171,756; Aug. 14; Serial No. 160,621; published June 5, 1923.
Candy. A. B. Mewhinney Co. 166,437; Apr. 3; Serial No. 166,952; published Jan. 16, 1923.
Candy. A. B. Mewhinney Co. 169,289; June 12; Serial No. 162,562; published Mar. 27, 1923.
Candy. A. L. Miller. 174,626; Oct. 23; Serial No. 179,479; published July 31, 1923.
Candy. W. R. Montague Company. 166,772–7; Apr. 10.
Candy. W. R. Montague Company. 168,285; May 15.
Candy. W. R. Montague Company. 176,688; Nov. 27; Serial No. 167,580; published July 31, 1923.
Candy. A. G. Morse Co. 165,852; Mar. 20; Serial No. 151,880; published Jan. 2, 1923.
Candy. A. G. Morse Company. 170,551; July 17; Serial No. 173,438; published Apr. 24, 1923.
Candy. A. G. Morse Co. Inc. 171,123; July 31; Serial No. 175,674; published May 15, 1923.
Candy. John Mueller Licorice Co. 163,604; Jan. 23.
Candy. National Candy Company. 173,977; Oct. 2; Serial No. 172,549; published July 17, 1923.
Candy. New England Confectionery Company. 163,607; Jan. 23.
Candy. New England Confectionery Company. 170,001; July 10; Serial No. 154,812; published Apr. 3, 1923.
Candy. New England Confectionery Company. 170,002; July 10; Serial No. 154,815; published Apr. 3, 1923.
Candy. New England Confectionery Company. 170,589; July 17; Serial No. 154,839; published Apr. 17, 1923.
Candy. New England Confectionery Company. 170,591; July 17; Serial No. 154,820; published Apr. 17, 1923.
Candy. New England Confectionery Company. 171,600; Aug. 7; Serial No. 176,274; published May 22, 1923.
Candy. New England Confectionery Company. 174,119; Oct. 2; Serial No. 154,810; published July 3, 1923.
Candy. New England Confectionery Company. 177,153; Dec. 11; Serial No. 182,256; published Sept. 18, 1923.
Candy. Norris, Inc. 167,969; May 8.
Candy. F. A. O'Connor. 171,692; Aug. 7.
Candy. Ohio Confection Company. 171,168; July 31; Serial No. 175,883; published May 15, 1923.
Candy. Ohio Confection Company. 172,786; Sept. 11; Serial No. 162,763; published June 5, 1923.
Candy. Pacific Coast Biscuit Company. 164,545; Feb. 20.
Candy. Pacific Coast Biscuit Company. 166,234; Mar. 27; Serial No. 165,304; published Dec. 5, 1922.
Candy. Pacific Coast Biscuit Company. 166,431; Apr. 3; Serial No. 164,188; published Dec. 19, 1922.
Candy. Package Confectionery Company. 164,808; Feb. 27.
Candy. Palmer Candy Co. 165,865; Mar. 20; Serial No. 165,301; published Jan. 2, 1923.
Candy. Palmer Candy Co. 168,821; May 29; Serial No. 170,152; published Mar. 13, 1923.
Candy. Palmer Candy Company. 171,962; Aug. 14.
Candy. Paxton and Gallagher Co. 167,701; May 8; Serial No. 165,410; published Feb. 20, 1923.
Candy. C. Perceval. 174,523; Oct. 16; Serial No. 177,048; published July 24, 1923.
Candy. Piasa Wholesale Candy Co. 163,384; Jan. 9.
Candy. Planters Nut & Chocolate Company. 173,377; Sept. 25; Serial No. 176,567; published July 13, 1923.
Candy. Planters Nut & Chocolate Company. 173,887; Oct. 2; Serial No. 176,568; published July 3, 1923.
Candy. Rey-Del-Rey Candy Co. 174,669; Oct. 23; Serial No. 172,044; published July 24, 1923.
Candy. Rood Candy Co. 169,255; June 12; Serial No. 171,188; published Mar. 27, 1923.
Candy. C. J. Rosso. 176,717; Nov. 27; Serial No. 183,317; published Sept. 18, 1923.
Candy. Samoset Chocolates Company. 164,918; Feb. 27.
Candy. Schutter-Johnson Candy Co. 176,440–2; Nov. 27; Serial Nos. 180,555–7; published Sept. 11, 1923.
Candy. Frank G. Shattuck Company. 171,335; Aug. 7; Serial No. 172,560; published May 15, 1923.
Candy. O. M. Sheppard. 173,230; Sept. 18; Serial No. 173,367; published June 19, 1923.
Candy. Sisco Bros. Candy Co. 172,823; Sept. 11; Serial No. 168,493; published Apr. 24, 1923.
Candy. Smith-Kirk Candy Co. 164,982; Feb. 27.
Candy. Smith-Kirk Candy Co. 165,853; Mar. 20; Serial No. 151,852; published Jan. 2, 1923.
Candy. Smith-Kirk Candy Co. 166,540; Apr. 10; Serial No. 158,901; published Dec. 12, 1922.
Candy. Mrs. Snyder's Whipped Cream Chocolates, Inc. 176,810; Nov. 27.
Candy. Spangler Candy Co. 173,507; Sept. 25; Serial No. 175,815; published June 26, 1923.
Candy. Spoehr's. 173,167; Sept. 18; Serial No. 139,134; published June 19, 1923.
Candy. Standard Candy Company. 176,608; Nov. 27; Serial No. 179,492; published Sept. 11, 1923.
Candy. Stevens-Etter. 168,537; May 22.
Candy. W. B. Swart. 175,270; Oct. 30.
Candy. Tacoma Biscuit & Candy Company. 172,766; Sept. 11; Serial No. 174,600; published June 5, 1923.
Candy. U. R. S. Candy Stores, Inc. 165,800; Mar. 20; Serial No. 161,657; published Dec. 26, 1922.
Candy. U. R. S. Candy Stores, Inc. 165,981; Mar. 27; Serial No. 161,657; published Dec. 26, 1922.
Candy. U. R. S. Candy Stores, Inc. 169,135; June 12; Serial No. 154,675; published Mar. 27, 1923.
Candy. U. R. S. Candy Stores, Inc. 170,840; July 24; Serial No. 161,072; published Dec. 26, 1922.
Candy. U. R. S. Candy Stores, Inc. 171,310; Aug. 7; Serial No. 162,594; published May 1, 1923.
Candy. U. R. S. Candy Stores, Inc. 175,710; Nov. 6.
Candy. F. K. Underwood. 177,306; Dec. 18; Serial No. 170,959; published Sept. 25, 1923.
Candy. United Retail Candy Stores, Inc. 169,992; July 10; Serial No. 140,358; published Mar. 22, 1921.
Candy. Universal Theatres Concession Co. 174,908; Oct. 23; Serial No. 179,070; published July 31, 1923.
Candy. Universal Theatres Concession Co. 174,909; Oct. 23; Serial No. 179,072; published July 31, 1923.
Candy. A. R. Walker Candy Corp. 164,303; Feb. 20.
Candy. A. R. Walker Candy Corporation. 177,201; Dec. 11; Serial No. 179,074; published Sept. 25, 1923.
Candy. R. S. Walters. 166,433; Apr. 3; Serial No. 164 140; published Jan. 16, 1923.
Candy. F. B. Washburn & Co. 168,609; May 29; Serial No. 168,863; published Feb. 13, 1923.
Candy. H. Waterman. 169,162; June 12; Serial No. 166,425; published Mar. 27, 1923.
Candy. A. C. Watson. 173,173; Sept. 18; Serial No. 171,112; published June 26, 1923.
Candy. Westmoreland Candy Company. 172,046; Aug. 21; Serial No. 154,677; published May 22, 1923.
Candy. Wiegel Candy Co. 169,968; July 10; Serial No. 164,017; published Apr. 10, 1923.
Candy. A. Williams. 175,093; Oct. 30; Serial No. 179,980; published Aug. 7, 1923.
Candy. Wilton-Plantz Candy Company. 171,204; July 31; Serial No. 154,540; published May 1, 1923.
Candy. J. W. Wood. 164,892; Feb. 27.
Candy and a candied sweetmeat—namely, pop corn. A. A. Keiper. 167,691; May 8; Serial No. 160,014; published Feb. 13, 1923.
Candy and cakes. Busy Bee Candy Company. 174,775; Oct. 23; Serial No. 171,829; published July 31, 1923.
Candy and candy filler. Sun Maid Raisin Growers. 167,816; May 8; Serial No. 163,706; published Feb. 20, 1923.
Candy and chocolate-iced confections. Beardsley Candy Company. 165,974; Mar. 27; Serial No. 160,580; published Nov. 28, 1922.
Candy and chocolates. D'Orlando & Co. 176,163; Nov. 20; Serial No. 168,357; published Sept. 4, 1923.
Candy and chocolates. E. A. Hoffman. 173,358; Sept. 25; Serial No. 159,024; published June 26, 1923.
Candy and coconut-bar candy. Queen Anne Candy Company. 168,589; May 29; Serial No. 164,192; published Feb. 20, 1923.
Candy and confections. E. McKnight. 171,188; July 31; Serial No. 171,761; published May 1, 1923.
Candy and confections. The Touraine Company. 169,132; June 12; Serial No. 127,669; published Apr. 20, 1920.
Candy and peppermit lozenges. Sally Mint Company. 170,658; July 17; Serial No. 169,185; published Apr. 24, 1923.
Candy and sirup for making same. J. R. Edmiston. 172,016; Aug. 21; Serial No. 161,978; published Oct. 31, 1922.
Candy and sugared assorted nuts. J. W. Surbrug. 171,503; Aug. 7; Serial No. 169,962; published May 22, 1923.
Candy, Bar. Val. Blatz, Jr., Candy Co. 169,399; June 12; Serial No. 162,528; published Mar. 27, 1923.
Candy bar. Theodore Gottmann & Sons. 164,738; Feb. 27.
Candy bar. Hoffman Candy Co. 173,948; Oct. 2; Serial No. 178,343; published July 17, 1923.
Candy bar. Miller-McMillen Co. 171,181; July 31; Serial No. 172,235; published May 8, 1923.
Candy bar, Chocolate. Theodore Gottmann & Sons. 171,366; Aug. 7; Serial No. 170,015; published May 8, 1923.
Candy bars. J. J. M. Carametos. 173,188; Sept. 18; Serial No. 168,513; published June 26, 1923.
Candy bars. M. Economos. 166,902; Apr. 17; Serial No. 164,310; published Feb. 6, 1923.
Candy, Base or filler for. White Stokes Co. 175,737; Nov. 13; Serial No. 178,792; published Sept. 4, 1923.
Candy, Chocolate. Advance Candy M'f'g Corp. 170,124; July 10; Serial No. 164,356; published Apr. 3, 1923.
Candy, Chocolate. C. C. Brown Candy Co. 173,839; Oct. 2; Serial No. 169,279; published July 3, 1923.
Candy, Chocolate. Chocolate Products Company. 163,298; Jan. 9.
Candy, Chocolate. Maatschappij tot Exploitatie van Rademaker's Koninklijke Cacao en Chocoladefabrieken. 172,288; Aug. 28; Serial No. 166,533; published May 1, 1923.
Candy, Chocolate-coated. Harry Hoefler Candy Company. 164,985; Feb. 27.
Candy coated with chocolate. Minter Bros. Candy Co. 165,990; Mar. 27; Serial No. 165,878; published Jan. 2, 1923.

Classified list of trade-marks registered—Continued.

Candy, cocoa, chocolate, etc. Huyler's. 169,758; July 3; Serial No. 135,754; published Mar. 27, 1923.
Candy, frozen puddings, cake, etc. Sautter's. 163,248; Jan. 2.
Candy in the shape of chickens, rabbits, and eggs, Molded sugar. Consumers Biscuit Company. 166,430; Apr. 3; Serial No. 164,232; published Jan. 9, 1923.
Candy, jellies, jams, marmalades, etc. Betty Bolton Candy, Inc. 165,655; Mar. 13.
Candy, Licorice. National Licorice Company. 176,523; Nov. 27; Serial No. 183,041; published Sept. 18, 1923.
Candy—namely, bar goods. Gurley Candy Company. 168,582; May 29; Serial No. 163,268; published Feb. 13, 1923.
Candy, peanut butter, peanut-butter sandwich, shelled and salted peanuts, etc. Lance Packing Co. 170,701; July 24; Serial No. 156,644; published Mar. 20, 1923.
Candy, Pop-corn. Shotwell Mfg. Co. 177,241; Dec. 11; Serial No. 181,416; published Sept. 25, 1923.
Candy, Round sugar drops of. Gardiner-Lucas Co. 163,323; Jan. 9.
Candy, Stick. H. Lowenthal. 168,388; May 22; Serial No. 169,640; published Feb. 27, 1923.
Candy, Whipped-cream. W. A. Vellguth. 168,370; May 22; Serial No. 164,207; published Jan. 16, 1923.
Canned and bottled fruits, jams, jellies, and olives. Virden Packing Company. 171,126; July 31; Serial No. 175,581; published May 15, 1923.
Canned and dehydrated fruits and vegetables. King's Food Products Company. 167,702; May 8; Serial No. 165,393; published Feb. 13, 1923.
Canned and dehydrated fruits and vegetables. King's Food Products Company. 167,703; May 8; Serial No. 165,390; published Feb. 13, 1923.
Canned and dehydrated fruits and vegetables. King's Food Products Company. 167,708; May 8; Serial No. 165,388; published Feb. 13, 1923.
Canned and dehydrated fruits and vegetables. King's Food Products Co. 168,361; May 22; Serial No. 165,391; published Feb. 27, 1923.
Canned and dehydrated fruits and vegetables. King's Food Products Company. 168,640; May 29; Serial No. 165,389; published Mar. 6, 1923.
Canned and dried fruits. General Commercial Company. 168,375–6; May 22; Serial No. 169,291–2; published Feb. 27, 1923.
Canned and dried fruits. United States Products Corporation. 177,019; Dec. 11; Serial No. 166,331; published Sept. 25, 1923.
Canned and dried fruits and canned vegetables. Umpqua Valley Canning Company. 170,989; July 24.
Canned and dried fruits and vegetables. Johnson-Locke Mercantile Co. 173,638; Oct. 2; Serial No. 168,314; published July 3, 1923.
Canned and dried fruits and vegetables, canned fish, salted fish, canned meats, etc. Steele-Wedeles Company. 171,139; July 31; Serial No. 159,889; published Mar. 20, 1923.
Canned and dried fruits, canned tomatoes, olives, etc. California Growers' Association, Inc. 166,193; Mar. 27; Serial No. 161,970; published Nov. 28, 1922.
Canned and preserved figs, canned fruits and vegetables. Kings County Packing Co. 173,345; Sept. 25; Serial No. 171,328; published June 26, 1923.
Canned apricots, grapes, plums, peaches, pineapple, cherries, pears, corn, peas, and asparagus. Francis H. Leggett & Company. 171,247; July 31; Serial No. 171,275; published May 8, 1923.
Canned baked beans with pork. Ehmann Olive Company. 170,662; July 17; Serial No. 168,359; published Apr 24, 1923.
Canned beans and tomatoes, etc., chili sauce and catchup put up in containers. American Cone and Pretzel Company. 171,171; July 31; Serial No. 171,398; published May 1, 1923.
Canned berries and fruits. G. H. Bradt. 173,573–4; Sept. 25.
Canned berries and fruits. G. H. Bradt. 174,533; Oct. 16.
Canned berries, fruits, and vegetables. New York Canners, Inc. 166,115; Mar. 27; Serial No. 151,468; published Dec. 12, 1922.
Canned blueberries. Washington County Canning Company. 174,534; Oct. 16.
Canned caviar. C. Perceval. 175,665; Nov. 6.
Canned cherries. Hood River Canning Co. 170,442; July 17; Serial No. 172,093; published Apr. 10, 1923.
Canned cherries, June peas, salmon, etc. Otto Muhlbauer & Co. 169,391; June 12; Serial No. 166,466; published Mar. 27, 1923.
Canned chili tomato sauce. Colonial Packing Co. 177,176; Dec. 11; Serial No. 180,965; published Sept. 25, 1923.
Canned citrous fruits. Florida Citrus Exchange. 175,369; Nov. 6; Serial No. 175,719; published Aug. 14, 1923.
Canned citrous fruits, grapefruit. Florida Citrus Exchange. 175,912; Nov. 13; Serial No. 179,862; published Sept. 4, 1923.
Canned clams. K. C. B. Cannery, Inc. 168,875; May 29; Serial No. 170,067; published Mar. 13, 1923.
Canned clams. G. Strand. 166,662; Apr. 10; Serial No. 164,971; published Jan. 30, 1923.
Canned cooked prunes. California Packing Corporation. 164,057; Feb. 13.
Canned corn. Illinois Canning Co. 23,463; renewed Aug. 8, 1923.
Canned corn. Illinois Canning Co. 23,464; renewed Aug. 8, 1923.
Canned corn. Illinois Canning Co. 23,481; renewed Aug. 15, 1923.
Canned corn. Illinois Canning Company. 177,163; Dec. 11; Serial No. 181,895; published Sept. 25, 1923.
Canned corn. Sussman, Wormser & Co. 168,509; May 22.
Canned corn. F. J. Tyler. 172,243; Aug. 28; Serial No. 162,328; published Apr. 24, 1923.
Canned corn and succotash. Burnham & Morrill Company. 172,068; Aug. 21; Serial No. 177,357; published May 29, 1923.
Canned corn, peas, beans, succotash, etc. South Bend Wholesale Grocery Company. 173,506; Sept. 25; Serial No. 175,814; published June 19, 1923.
Canned crab. H. F. Blum. 172,506; Aug. 28.
Canned crab meat. Taiyo Trading Co. 173,891; Oct. 2; Serial No. 176,769; published July 3, 1923.
Canned crab meat. Taiyo Trading Co. 174,607; Oct. 23; Serial No. 176,580; published July 24, 1923.
Canned, dried, and preserved fruits, berries, vegetables, etc. Libby, McNeill & Libby. 176,267; Nov. 20; Serial No. 176,268; published Sept. 4, 1923.
Canned evaporated milk. C. A. Baumann. 171,206; July 31; Serial No. 155,662; published May 8, 1923.
Canned evaporated milk. C. A. Baumann. 171,377; Aug. 7; Serial No. 155,663; published May 8, 1923.
Canned evaporated milk. C. A. Baumann. 172,780; Sept. 11; Serial No. 155,661; published June 5, 1923.
Canned figs. Food Products Co. 170,280; July 10; Serial No. 172,873; published Apr. 17, 1923.
Canned fish. Abbott, Hall & Co. 173,753; Oct. 2; Serial No. 177,580; published July 3, 1923.
Canned fish. Altoona Packing Company. 175,273; Oct. 30.
Canned fish. Carmel Canning Co. 171,630; Aug. 7; Serial No. 176,323; published May 22, 1923.
Canned fish. Altoona Packing Company. 173,924; Oct. 2; Serial No. 178,542; published July 17, 1923.
Canned fish. Coast Fishing Company. 173,406; Sept. 25; Serial No. 176,327; published June 26, 1923.
Canned fish. F. H. Fromm. 173,823; Oct. 2; Serial No. 172,329; published May 15, 1923.
Canned fish. Jos. Garneau Co. 174,519; Oct. 16; Serial No. 175,080; published July 24, 1923.
Canned fish. Gatlin and Gatlin. 175,407; Nov. 6; Serial No. 181,562; published Aug. 21, 1923.
Canned fish. P. Petrich. 173,223; Sept. 18; Serial No. 174,150; published June 26, 1923.
Canned fish. Reid, Murdoch & Co. 177,264; Dec. 11; Serial No. 167,828; published Sept. 25, 1923.
Canned fish. Taylor & Sledd, Inc. 176,447; Nov. 27; Serial No. 176,927; published Sept. 11, 1923.
Canned fish. Van Camp Sea Food Company. 167,951; May 8.
Canned fish. Van Camp Sea Food Company. 169,348; June 12; Serial No. 171,343; published Mar. 27, 1923.
Canned fish, fruit, and vegetables. A. T. Kittle. 172,871; Sept. 11; Serial No. 173,772; published June 5, 1923.
Canned fish, fruit, and vegetables. North American Mercantile Co. 173,035; Sept. 11; Serial No. 174,909; published June 5, 1923.
Canned fish, fruits, and vegetables. R. E. Cotter Co. 175,331; Nov. 6; Serial No. 180,209; published Aug. 14, 1923.
Canned fish, fruits, and vegetables. J. S. Hume. 176,977; Dec. 11; Serial No. 179,941; published Sept. 25, 1923.
Canned fish, pearl barley, breakfast wheat, pop corn, etc. Tolerton & Warfield Co. 165,109; Mar. 6; Serial No. 135,180; published Nov. 7, 1922.
Canned fish, vegetables, and fruits, jams, etc. Taylor & Sledd, Inc. 176,452; Nov. 27; Serial No. 176,926; published Sept. 11, 1923.
Canned foods. Marshall Canning Company. 167,126; Apr. 24; Serial No. 165,397; published Dec. 12, 1922.
Canned foods. Marshall Canning Company. 167,127; Apr. 24; Serial No. 165,398; published Jan. 30, 1923.
Canned foodstuffs. Amos-James Grocer Company. 164,046; Feb. 13.
Canned fruit. F. G. Wool Packing Company. 175,688; Nov. 6.
Canned fruit and vegetables and dried fruit. Barron-Gray Packing Co. 173,931; Oct. 2; Serial No. 177,818; published July 17, 1923.
Canned fruit and vegetables, jams, etc. California Preserving Company. 177,044; Dec. 11; Serial No. 180,518; published Sept. 25, 1923.
Canned fruit, vegetables, and fish, evaporated milk, etc. J. J. Hogan, Incorporated. 163,340; Jan. 9.
Canned fruit, vegetables, fish, and dried fruit. United States Products Corporation. 168,638; May 29; Serial No. 164,979; published Feb. 27, 1923.
Canned fruits. J. C. Ainsley Packing Co. 166,930; Apr. 17; Serial No. 167,911; published Feb. 6, 1923.
Canned fruits. H. P. Baldwin, Ltd. 164,673–4; Feb. 27.
Canned fruits. Banning Canning Co. 166,091; Mar. 27; Serial No. 164,295; published Dec. 19, 1922.
Canned fruits. Banning Canning Co. 166,092–3; Mar. 27; Serial Nos. 164,297–8; published Dec. 19, 1922.

Classified list of trade-marks registered—Continued.

Canned fruits. Banning Canning Co. 166,252; Mar. 27; Serial No. 164,296; published Dec. 19, 1922.
Canned fruits. Banning Canning Co. 166,253; Mar. 27; Serial No. 164,301; published Dec. 19, 1922.
Canned fruits. Banning Canning Co. 168,597; May 29; Serial No. 164,300; published Feb. 13, 1923.
Canned fruits. Geo. E. Hyde & Co. Inc. 170,943; July 24; Serial No. 168,413; published Apr. 24, 1923.
Canned fruits. Kings County Packing Co. 168,480; May 22; Serial No. 168,419; published Feb. 20, 1923.
Canned fruits. Kings County Packing Co. 169,210; June 12; Serial No. 168,044; published Mar. 27, 1923.
Canned fruits. Kings County Packing Co. 169,305; June 12; Serial No. 168,043; published Mar. 27, 1923.
Canned fruits. King's County Packing Co. 171,323; Aug. 7; Serial No. 168,421; published May 15, 1923.
Canned fruits. Kings County Packing Co. 171,915; Aug. 14.
Canned fruits. Kings County Packing Co. 173,344; Sept. 25; Serial No. 171,329; published June 26, 1923.
Canned fruits. Kings County Packing Co. 174,748; Oct. 23; Serial No. 168,042; published July 24, 1923.
Canned fruits. Kings County Packing Co. 176,162; Nov. 20; Serial No. 168,422; published Sept. 4, 1923.
Canned fruits. Mailliard & Schmiedell. 166,888; Apr. 17; Serial No. 167,312; published Feb. 6, 1923.
Canned fruits. Mt. Angel Producers Packing Co. 169,246; June 12; Serial No. 170,689; published Mar. 27, 1923.
Canned fruits. Olympia Canning Company. 168,374; May 22; Serial No. 169,076; published Feb. 27, 1923.
Canned fruits. Olympia Canning Company. 168,535; May 22.
Canned fruits. Olympia Canning Company. 168,615; May 29; Serial No. 169,082; published Mar. 6, 1923.
Canned fruits. Oregon Growers Cooperative Association. 173,852; Oct. 2; Serial No. 174,851; published July 3, 1923.
Canned fruits. Producers Canning and Packing Company. 166,429; Apr. 3; Serial No. 164,257; published Jan. 9, 1923.
Canned fruits. Producers Canning and Packing Company. 172,031; Aug. 21; Serial No. 164,258; published June 5, 1923.
Canned fruits. Ray-Maling Co. 173,857; Oct. 2; Serial 175,809; published July 3, 1923.
Canned fruits. Richmond-Chase Company. 168,812; May 29; Serial No. 170,036; published Mar. 13, 1923.
Canned fruits. Seeman Brothers. 23,089; renewed May 23, 1923.
Canned fruits. Sussman, Wormser & Co. 177,234; Dec. 11; Serial No. 181,575; published Sept. 25, 1923.
Canned fruits. Thomas Body Co. 169,304; June 12; Serial No. 168,020; published Mar. 27, 1923.
Canned fruits. Thomas-Body Co. 170,558; July 17; Serial No. 173,792; published Apr. 24, 1923.
Canned fruits. Virden Packing Company. 163,410; Jan. 9.
Canned fruits. Virden Packing Company. 167,993; May 8.
Canned fruits. Virden Packing Company. 170,423; July 17; Serial No. 172,068; published Apr. 10, 1923.
Canned fruits. George Wills & Sons, Ltd. 169,396; June 12; Serial No. 163,721; published Mar. 27, 1923.
Canned fruits and berries. Olympia Canning Company. 175,272; Oct. 30.
Canned fruits and berries. Producers Canning & Packing Co. 170,384; July 17; Serial No. 171,550; published Apr. 10, 1923.
Canned fruits and berries. Ray-Maling Co. 173,859; Oct. 2; Serial No. 175,812; published July 3, 1923.
Canned fruits and berries, fruit jams, etc. G. H. Bradt. 173,575; Sept. 25.
Canned fruits and vegetables. Acme Grocery Co. 166,443; Apr. 3; Serial No. 166,625; published Jan. 16, 1923.
Canned fruits and vegetables. Allen & Lewis. 173,848; Oct. 2; Serial No. 174,379; published July 3, 1923.
Canned fruits and vegetables. Atascadero Fruit Exchange. 166,323; Mar. 27.
Canned fruits and vegetables. Atascadero Fruit Exchange. 169,257; June 12; Serial No. 171,300; published Mar. 27, 1923.
Canned fruits and vegetables. Atascadero Fruit Exchange 173,342; Sept. 25; Serial No. 171,346; published June 26, 1923.
Canned fruits and vegetables. F. M. Ball & Company. 171,101; July 31; Serial No. 174,229; published May 15, 1923.
Canned fruits and vegetables. J. F. Butts Co. 173,923; Oct. 2; Serial No. 178,551; published July 17, 1923.
Canned fruits and vegetables. California Canneries Co. 174,894; Oct. 23; Serial No. 178,221; published Aug. 14, 1923.
Canned fruits and vegetables. California Co-Operative Canneries. 163,292–3; Jan. 9.
Canned fruits and vegetables. California Co-Operative Canneries. 163,556; Jan. 23.
Canned fruits and vegetables. California Co-Operative Canneries. 164,047; Feb. 13.
Canned fruits and vegetables. California Co-Operative Canneries. 175,194; Oct. 30; Serial No. 175,844; published Aug. 7, 1923.
Canned fruits and vegetables. El Monte Canning Co. 175,134; Oct. 30; Serial No. 180,531; published Aug. 14, 1923.
Canned fruits and vegetables. Filice & Perrelli Canning Co. 170,401; July 17; Serial No. 171,534; published Apr. 10, 1923.
Canned fruits and vegetables. Filice & Perrelli Canning Co. 170,963; July 24.
Canned fruits and vegetables. Frazar & Company. 176,718; Nov. 27; Serial No. 183,371; published Sept. 18, 1923.
Canned fruits and vegetables. Free & Klinck, Inc. 175,532; Nov. 6; Serial No. 181,020; published Aug. 21, 1923.
Canned fruits and vegetables. Free & Klinck, Inc. 177,173; Dec. 11; Serial No. 181,019; published Sept. 25, 1923.
Canned fruits and vegetables. Golden West Packing Co. 167,869; May 8; Serial No. 168,679; published Feb. 20, 1923.
Canned fruits and vegetables. Griffith-Durney Co. 170,831; July 24; Serial No. 170,016; published May 8, 1923.
Canned fruits and vegetables. Haas Brothers. 171,110; July 31; Serial No. 174,694; published May 8, 1923.
Canned fruits and vegetables. Herbert Packing Co. 166,022; Mar. 27; Serial No. 163,518; published Dec. 5, 1922.
Canned fruits and vegetables. Holland Canning Company. 173,841; Oct. 2; Serial No. 171,917; published July 3, 1923.
Canned fruits and vegetables. Kings County Packing Co. 166,933; Apr. 17; Serial No. 168,041; published Feb. 6, 1923.
Canned fruits and vegetables. Kings County Packing Co. 168,598; May 29; Serial No. 168,420; published Feb. 13, 1923.
Canned fruits and vegetables. Kings County Packing Company. 169,207; June 12; Serial No. 168,418; published Mar. 27, 1923.
Canned fruits and vegetables. Kings County Packing Co. 171,839; Aug. 14; Serial No. 171,327; published May 15, 1923.
Canned fruits and vegetables. John W. McCarthy, Jr., Inc. 164,647–8; Feb. 27.
Canned fruits and vegetables. John W. McCarthy, Jr. Inc. 164,944; Feb. 27.
Canned fruits and vegetables. John W. McCarthy, Jr. Inc. 164,949; Feb. 27.
Canned fruits and vegetables. John W. McCarthy jr. Inc. 166,247; Mar. 27; Serial No. 163,345; published Dec. 12, 1922.
Canned fruits and vegetables. John W. McCarthy, Jr., Inc. 170,567; July 17; Serial No. 163,341; published Apr. 17, 1923.
Canned fruits and vegetables. McHenry Cannery. 171,187; July 31; Serial No. 171,937; published May 1, 1923.
Canned fruits and vegetables. F. B. Neuhoff. 164,689; Feb. 27.
Canned fruits and vegetables. F. B. Neuhoff. 167,005-6; Apr. 17.
Canned fruits and vegetables. F. B. Neuhoff. 170,433; July 17; Serial No. 171,860; published Apr. 10, 1923.
Canned fruits and vegetables. F. B. Neuhoff. 170,554; July 17; Serial No. 173,657; published Apr. 24, 1923.
Canned fruits and vegetables. F. B. Neuhoff. 176,151; Nov. 20; Serial No. 171,856; published Sept. 4, 1923.
Canned fruits and vegetables. H. M. Newhall & Co. 168,691; May 29; Serial No. 169,770; published Feb. 27, 1923.
Canned fruits and vegetables. H. M. Newhall & Co. 171,253; July 31; Serial No. 169,772; published May 1, 1923.
Canned fruits and vegetables. H. M. Newhall & Co. 171,368; Aug. 7; Serial No. 169,771; published May 8, 1923.
Canned fruits and vegetables. New York Canners, Inc. 176,158; Nov. 20; Serial No. 168,722; published Aug. 21, 1923.
Canned fruits and vegetables. Oregon Growers Cooperative Association. 173,615; Oct. 2; Serial No. 167,411; published July 3, 1923.
Canned fruits and vegetables. Oregon Growers Cooperative Association. 173,636; Oct. 2; Serial No. 167,412; published July 3, 1923.
Canned fruits and vegetables. Starr Fruit Products Co. 166,663; Apr. 10; Serial No. 164,973; published Feb. 6, 1923.
Canned fruits and vegetables. Starr Fruit Products Co. 168,201; May 15; Serial No. 164,974; published Feb. 6, 1923.
Canned fruits and vegetables. Charles G. Summers & Co. 169,488; June 19; Serial No. 118,451; published Nov. 2, 1920.
Canned fruits and vegetables. Virden Packing Company. 164,286; Feb. 20.
Canned fruits and vegetables. Wholesale Distributors Co. 168,538; May 29; Serial No. 157,464; published May 23, 1922.
Canned fruits and vegetables. Willamette Calley Canneries, Inc. 169,981; July 10; Serial No. 167,443; published Apr 10, 1923

Classified list of trade-marks registered—Continued.

Canned fruits and vegetables. Willamette Valley Canneries, Inc. 173,510; Sept. 25.
Canned fruits and vegetables. Winters Canning Company. 168,591; May 29; Serial No. 164,570; published Mar. 6, 1923.
Canned fruits and vegetables and dried fruit. Herbert Packing Co. 169,703; June 26.
Canned fruits and vegetables and dried fruit. United States Products Corporation. 167,847; May 8; Serial No. 164,978; published Feb. 20, 1923.
Canned fruits and vegetables and dried fruits. Barron-Gray Packing Company. 173,089; Sept. 18; Serial No. 177,819; published June 12, 1923.
Canned fruits and vegetables and dried fruits. Barron-Gray Packing Co. 173,130; Sept. 18; Serial No. 177,820; published June 12, 1923.
Canned fruits and vegetables and spices. J. E. Grosberg. 169,343; June 12; Serial No. 170,683; published Mar. 27, 1923.
Canned fruits and vegetables, cereals, sirups, etc. B. A. Railton Company. 165,956; Mar. 27; Serial No. 150,707; published Nov. 14, 1922.
Canned fruits and vegetables, coffee, flour, meal, and tea. Parham-Lindsey Grocery Co. 163,382; Jan. 9.
Canned fruits and vegetables, coffee, tea, and prepared mustard. A. Kickbusch Grocery Company. 172,066; Aug. 21; Serial No. 177,387; published May 29, 1923.
Canned fruits and vegetables, condiments, rice, etc. Holstein Harvey, Inc. 176,858; Dec. 4; Serial No. 166,369; published Sept. 11, 1923.
Canned fruits and vegetables, dried fruits, etc P. R. Weidner. 170,150; July 10; Serial No. 168,343; published Apr. 3, 1923.
Canned fruits and vegetables, etc. F. M. Ball & Company. 177,064; Dec. 11; Serial No. 174,879; published Sept. 18, 1923.
Canned fruits and vegetables, etc. National Packing Corporation. 169,309; June 12; Serial No. 168,780; published Mar. 27, 1923.
Canned fruits and vegetables, jams, etc. Smithfield's Pure Food Company. 167,955; May 8.
Canned fruits and vegetables, jams, preserves, dried fruits, etc. California Growers Association, Inc. 171,252; July 31; Serial No. 169,844; published May 15, 1923.
Canned fruits and vegetables, olives, olive oil. California Growers Association, Inc. 170,910; July 24; Serial No. 148,579; published Nov. 29, 1921.
Canned fruits, berries, and vegetables. Ray-Maling Co. 173,858; Oct. 2; Serial No. 175,810; published July 3, 1923.
Canned fruits, berries, and vegetables. Ray-Maling Co. 174,487; Oct. 16; Serial No. 175,811; published July 24, 1923.
Canned fruits, flavoring extracts, fruit jams, etc. Johnson-Appleby Company. 171,380; Aug. 7; Serial No. 146,440; published May 8, 1923.
Canned fruits, fruit salad, and vegetables, and dried fruit. F. G. Wool Packing Company. 171,184; July 31; Serial No. 172,071; published May 1, 1923.
Canned fruits, olives, fruit jams. Virden Packing Company. 169,140; June 12; Serial No. 155,716; published Mar. 27, 1923.
Canned fruits, pickles, tomato catchup, vinegar, etc. South Bend Wholesale Grocery Company. 172,191; Aug. 21.
Canned fruits, vegetables, and fish. Bay Side Canning Company. 169,386; June 12; Serial No. 168,751; published Mar. 27, 1923.
Canned fruits, vegetables, and fish. Dodge, Sweeney & Co. 166,499; Apr. 3; Serial No. 162,724; published Jan. 9, 1923.
Canned fruits, vegetables, and fish. Kockos Bros., Inc. 176,712–13; Nov. 27; Serial Nos. 183,216–17; published Sept. 18, 1923.
Canned fruits, vegetables, and fish. Mailliard & Schmiedell. 170,447; July 17; Serial No. 172,232; published Apr. 10, 1923.
Canned fruits, vegetables, and fish. Symns Grocer Co. 173,017; Sept. 11; Serial No. 173,152; published June 5, 1923.
Canned fruits, vegetables, and fish. United States Products Corporation. 170,655; July 17; Serial No. 168,391; published Apr. 17, 1923.
Canned fruits, vegetables, and fish, and coffee. J. J. Hogan, Incorporated. 167,711; May 8; Serial No. 161,130; published Feb. 20, 1923.
Canned fruits, vegetables, and fish, dried fruits, etc. North American Mercantile Co. Inc. 171,536; Aug. 7; Serial No. 174,910; published May 8, 1923.
Canned fruits, vegetables, and fish, jams, jellies, etc. E. Marre & Bro. 168,018; May 8.
Canned fruits, vegetables, fish, and jam. George Wills and Sons, Ltd. 169,398; June 12; Serial No. 163,159; published Mar. 27, 1923.
Canned fruits, vegetables, fish, meats, oysters, catchup, and soup. Albert F. Remy Co. 23,015; renewed May 9, 1923.
Canned fruits, vegetables, fish, meats, oysters, catchups, and soups. Albert F. Remy Co. 23,466; renewed Aug. 8, 1923.
Canned fruits, vegetables, fish, meats, oysters, catchup, and soup. Albert F. Remy Co. 23,482; renewed Aug. 15, 1923.
Canned fruits, vegetables, salted peanuts, and rolled oats. Mizell, Murray & Co. 167,272; Apr. 24; Serial No. 152,033; published Dec. 19, 1922.
Canned goods. South Chicago Wholesale Grocery and Produce Company. 177,389; Dec. 18; Serial No. 181,784; published Oct. 9, 1923.
Canned goods. John R. Thompson Co. 176,487; Nov. 27; Serial No. 175,030; published Aug. 21, 1923.
Canned goods, catchup, rolled oats, etc. Walker-Matteson Company. 175,723; Nov. 6.
Canned goods, dried fruits and vegetables, etc. Comly, Flanigen Company. 175,745; Nov. 13; Serial No. 162,870; published Aug. 28, 1923.
Canned goods, etc. Universal Wholesale Grocery Co. 176,857; Dec. 4; Serial No. 174,042; published Aug. 28, 1923.
Canned goods, spices, etc. Jett & Wood Mercantile Company. 177,458; Dec. 18; Serial No. 178,253; published Oct. 2, 1923.
Canned goods, tea, coffee, etc. Fischer Brothers Company. 176,750; Nov. 27; Serial No. 175,782; published Aug. 14, 1923.
Canned grapefruit, fruit salad, pimientoes, tunny, etc. Western Grocer Company. 176,742; Nov. 27; Serial No. 176,235; published Aug. 14, 1923.
Canned Hungarian goulash. J. G. Wurm. 168,468; May 22; Serial No. 167,278; published Feb. 27, 1923.
Canned, kippered, smoked, and salted fish. Western California Fish Co. 168,636; May 29; Serial No. 168,395; published Feb. 20, 1923.
Canned lobster and tropical fruits. H. S. Carmichael. 170,592; July 17; Serial No. 148,126; published Oct. 31.
Canned milk. Fairmont Creamery Co. 163,837; Jan. 30.
Canned okra. C. Perceval. 173,785; Oct. 2; Serial No. 177,047; published July 3, 1923.
Canned olive oil, fruits, and vegetables. Michele Ajello Co. 177,202; Dec. 11; Serial No. 179,127; published Sept. 25, 1923.
Canned olive oil, fruits, and vegetables. Michele Ajello Co. 177,284; Dec. 11.
Canned olives. Mt. Ida Packing Company. 168,703; May 29; Serial No. 165,086; published Mar. 6, 1923.
Canned oysters. Biloxi Fishermen's Packing Co. 164,790; Feb. 27.
Canned oysters and shrimp. Biloxi Packing & Trading Co. 171,572; Aug. 7; Serial No. 173,397; published May 22, 1923.
Canned oysters, salmon, sardines, and apricots. etc. Winston, Harper, Fisher Company. 177,020; Dec. 11; Serial No. 166,120; published Aug. 7, 1923.
Canned peaches, canned Lima beans, beans, tomatoes, and sweet potatoes. American Cone and Pretzel Company. 171,172; July 31; Serial No. 171,400; published May 8, 1923.
Canned peaches, tomatoes, and sweet potatoes. American Cone and Pretzel Company. 171,170; July 31; Serial No. 171,397; published May 1, 1923.
Canned peas. Central Wisconsin Canneries. 172,873; Sept. 11; Serial No. 173,807; published June 5, 1923.
Canned peas. Stephens Canning Corporation. 171,653; Aug. 7.
Canned peas and tomatoes. Cincinnati Wholesale Grocery Company. 174,525; Oct. 16; Serial No. 177,360; published July 24, 1923.
Canned peas, corn, tomatoes, and pineapple. Cincinnati Wholesale Grocery Company. 175,776; Nov. 13; Serial No. 177,361; published Sept. 4, 1923.
Canned peas, tomato purée, apples, etc. Standard Purveyors, Inc. 171,603; Aug. 7; Serial No. 174,344; published May 8, 1923.
Canned peeled tomatoes and tomato sauce. P. Pastene & Co. 173,741; Oct. 2; Serial No. 178,278; published June 19, 1923.
Canned peeled tomatoes, roasted peppers, and tomato sauce. P. Pastene & Co. 166,452; Apr. 3; Serial No. 166,095; published Jan. 16, 1923.
Canned peppers. A. Schratter. 173,351; Sept. 25; Serial No. 141,134; published June 26, 1923.
Canned pimientos. A. Burnham. 173,267; Sept. 18; Serial No. 175,064; published June 19, 1923.
Canned pineapple. Haiku Fruit & Packing Co. 168,680–1; May 29; Serial No. 169,241–2; published Feb. 27, 1923.
Canned pineapple. Haiku Fruit & Packing Co. 168,682–3; May 29; Serial No. 169,244–5; published Feb. 27, 1923.
Canned pineapple. Haiku Fruit & Packing Co. 171,266; July 31; Serial No. 169,243; published May 8, 1923.
Canned pineapple. Hawaiian Pineapple Company. 169,819; July 3; Serial No. 168,109; published Apr. 3, 1923.
Canned pineapple. Hawaiian Pineapple Company. 171,197; July 31; Serial No. 147,426; published May 8, 1923.
Canned pineapple. Henry P. Baldwin, Ltd. 164,950; Feb. 27.
Canned pineapple. Henry P. Baldwin Ltd. 168,536; May 22.
Canned plum pudding. A. Silz, Inc. 171,231; July 31; Serial No. 171,141; published May 22, 1923.
Canned prepared caviar. D. K. Doucleff. 171,331; Aug. 7; Serial No. 172,266; published May 8, 1923.

Canned preserved fruits, jams, jellies, and fruit sirups. San Francisco Breweries, Ltd. 170,576; July 17; Serial No. 167,368; published Apr. 24, 1923.
Canned ripe olives. J. J. Hoey. 170,105; July 10; Serial No. 168,364; published Apr. 10, 1923.
Canned ripe olives and fish. Curtis Corporation. 175,344; Nov. 6; Serial No. 171,305; published Aug. 14, 1923.
Canned ripe olives, artichokes, tunny fish, pimientos, etc. Curtis Corporation. 169,417; June 12.
Canned salmon. A & P Products Corporation. 174,657–8; Oct. 23; Serial No. 179,696–7; published July 31, 1923.
Canned salmon. Alaska Packers Association. 167,094; Apr. 24; Serial No. 166,804; published Jan. 30, 1923.
Canned salmon. Alitak Packing Co. 165,440; Mar. 13; Serial No. 165,656; published Jan. 2, 1923.
Canned salmon. Anchorage Packing Co. 174,687; Oct. 23; Serial No. 179,918; published July 31, 1923.
Canned salmon. A. A. Anderson. 170,515; July 17; Serial No. 172,821; published Apr. 17, 1923.
Canned salmon. A. A. Anderson. 171,412; Aug. 7; Serial No. 172,822; published May 8, 1923.
Canned salmon. Bankers Discount Association. 177,184; Dec. 11; Serial 180,830; published Sept. 25, 1923.
Canned salmon. Beegle Packing Co. 164,090; Feb. 13.
Canned salmon. Beegle Packing Co. 175,529; Nov. 6; Serial No. 181,106; published Aug. 21, 1923.
Canned salmon. Chinook Packing Co. 173,844; Oct. 2; Serial No. 172,975; published July 3, 1923.
Canned salmon. Chinook Packing Company. 171,357; Aug. 7; Serial No. 170,927; published May 15, 1922.
Canned salmon. H. Conniff. 171,236; July 31; Serial No. 170,566; published May 1, 1923.
Canned salmon. G. P. Halferty. 166,881; Apr. 17; Serial No. 150,677; published Jan. 17, 1922.
Canned salmon. G. P. Halferty. 166,882; Apr. 17; Serial No. 150,674; published Jan. 17, 1922.
Canned salmon. McGovern & McGovern. 173,771; Oct. 2; Serial No. 176,904; published July 10, 1923.
Canned salmon. M. Pinkus. 171,124; July 31; Serial No. 175,735; published May 15, 1923.
Canned salmon. Point Adams Packing Co. 166,248; Mar. 27; Serial No. 163,350; published Dec. 12, 1922.
Canned salmon. Sea Coast Packing Co. 168,483; May 22; Serial No. 168,646; published Feb. 20, 1923.
Canned salmon. Sea Coast Packing Co. 170,103; July 10; Serial No. 168,647; published Apr. 10, 1923.
Canned salmon. Sea Coast Packing Co. 170,965; July 24.
Canned salmon. Stuart Packing Corporation. 176,528; Nov. 27; Serial No. 182,622; published Sept. 11, 1923.
Canned salmon. Thlinket Packing Company. 166,884; Apr. 17; Serial No. 113,333; published Feb. 6, 1923.
Canned sardines. Austin, Nichols & Co. 176,705; Nov. 27; Serial No. 178,206; published Sept. 11, 1923.
Canned sardines. Farnsworth Packing Co. 177,654; Dec. 25; Serial No. 167,609; published Feb. 27, 1923.
Canned sardines. F. H. Fromm. 169,285; June 12; Serial No. 159,747; published Mar. 27, 1923.
Canned sardines. Holmes Company. 163,505; Jan. 16.
Canned sardines. Irwin-Harrisons & Crosfield, Inc. 177,235; Dec. 11; Serial No. 181,567; published Sept. 25, 1923.
Canned sardines and salmon, dry, smoked, and pickled fish. Seaboard Trading Co. 163,620; Jan. 23.
Canned sauerkraut. Bellevue Kraut & Pickling Co. 175,829; Nov. 13; Serial No. 182,125; published Sept. 4, 1923.
Canned sauerkraut. Castle Company. 170,823; July 24; Serial No. 170,273; published May 8, 1923.
Canned sauerkraut. John Meeter & Son, Inc. 166,246; Mar. 27; Serial No. 163,230; published Nov. 28, 1922.
Canned sausage. W. B. Fair. 166,511; Apr. 3; Serial No. 163,675; published Jan. 9, 1923.
Canned shrimp. Dorgan-McPhillips Sales Co. 176,715; Nov. 27; Serial No. 183,258; published Sept. 18, 1923.
Canned shrimp. W. A. Genant. 177,034; Dec. 11; Serial No. 160,409; published Sept. 25, 1923.
Canned shrimp. Grand Lake & Gulf Shrimp Company. 175,294; Nov. 6; Serial No. 156,740; published Aug. 14, 1923.
Canned shrimp. Grand Lake & Gulf Shrimp Company. 176,533–4; Nov. 27; Serial Nos. 182,512–13; published Sept. 11, 1923.
Canned shrimp and oysters. Biloxi Packing & Trading Co. 175,394; Nov. 6; Serial No. 158,175; published Jan. 9, 1923.
Canned shrimp and oysters. Sea Food Co. 168,813; May 29; Serial No. 170,040; published Mar. 13, 1923.
Canned shrimp and oysters. Sea Food Co. 168,876; May 29; Serial No. 170,041; published Mar. 13, 1923.
Canned soups, truffles, cherries, and turtle meat. C. Perceval. 169,940; July 3.
Canned sweet corn. Faribault Canning Co. 176,540; Nov. 27; Serial No. 182,408; published Sept. 11, 1923.
Canned sweetened milk. American Milk Products Corporation. 167,815; May 8; Serial No. 164,019; published Feb. 20, 1923.
Canned tomato paste. Atlantic Canning Co. 168,603; May 29; Serial No. 168,628; published Mar. 6, 1923.
Canned tomato sauce. Joseph Petrocelli & Co. 169,311; June 12; Serial No. 169,182; published Mar. 27, 1923.
Canned tomatoes. W. H. Hamilton. 167,282; Apr. 24; Serial No. 134,364; published Jan. 23, 1923.
Canned tomatoes. Tamal Packing Co. 171,602; Aug. 7; Serial No. 174,599; published May 8, 1923.
Canned tomatoes. Virden Packing Company. 173,497; Sept. 25; Serial No. 175,633; published June 19, 1923.
Canned tomatoes and preserved pickles. Keokuk Canning Company. 176,611; Nov. 27; Serial No. 179,276; published Sept. 11, 1923.
Canned tunny fish. Lower California Fisheries Company. 166,259; Mar. 27; Serial No. 164,930; published Dec. 19, 1922.
Canned tunny fish. Seacoast Canning Company. 173,386; Sept. 25; Serial No. 173,303; published July 3, 1922.
Canned tunny fish in olive oil. Italian Food Products Co. 171,656; Aug. 7.
Canned vegetables. J. F. Butts Co. 173,069; Sept. 11.
Canned vegetables. G. H. Draper, jr. 163,310; Jan. 9.
Canned vegetables. Ephraim Sanitary Canning Company. 166,570; Apr. 10; Serial No. 166,298; published Jan. 16, 1923.
Canned vegetables. Ephraim Sanitary Canning Company. 170,654; July 17; Serial No. 169,477; published Apr. 17, 1923.
Canned vegetables. Ephraim Sanitary Canning Company. 173,077; Sept. 11.
Canned vegetables. Ephraim Sanitary Canning Company. 175,349; Nov. 6; Serial No. 168,674; published Aug. 14, 1923.
Canned vegetables. A. W. Feeser. 173,850; Oct. 2; Serial No. 174,615; published July 3, 1923.
Canned vegetables. Frederick City Packing Company. 172,067; Aug. 21; Serial No. 177,372; published May 29, 1923.
Canned vegetables. Illinois Canning Co. 23,465; renewed Aug. 8, 1923.
Canned vegetables. Illinois Canning Company. 177,162; Dec. 11; Serial No. 181,894; published Sept. 25, 1923.
Canned vegetables. Inderrieden Canning Co. 168,104; May 15; Serial No. 164,917; published Feb. 13, 1923.
Canned vegetables. Kehoe Preserving Company. 163,349; Jan. 9.
Canned vegetables. Kemp Bros. Packing Co. 164,438; Jan. 9.
Canned vegetables. Saco Valley Canning Co. 168,632; May 29; Serial No. 168,128; published Feb. 13, 1923.
Canned vegetables. Saco Valley Canning Co. 175,682; Nov. 6.
Canned vegetables. San Jose Canning Co. 175,801; Nov. 13; Serial No. 179,484; published Sept. 4, 1923.
Canned vegetables. Smith-Yingling Company. 165,821–2; Mar. 20; Serial Nos. 165,607–8; published Jan. 2, 1923.
Canned vegetables. Smith-Yingling Company. 166,419; Apr. 3; Serial No. 165,091; published Jan. 9, 1923.
Canned vegetables. Smith-Yingling Company. 166,425; Apr. 3; Serial No. 164,779; published Jan. 9, 1923.
Canned vegetables. Smith-Yingling Company. 168,365; May 22; Serial No. 164,780; published Feb. 27, 1923.
Canned vegetables. John R. Thompson Co. 172,810; Sept. 11; Serial No. 175,031; published June 5, 1923.
Canned vegetables. Waupun Canning Co. 168,475; May 22; Serial No. 168,134; published Feb. 20, 1923.
Canned vegetables. Winorr Canning Company. 175,435; Nov. 6; Serial No. 180,917; published Aug. 21, 1923.
Canned vegetables and fish, molasses, and fruit preserves. Joannes Bros. Co. 170,282; July 10; Serial No. 172,745; published Apr. 17, 1923.
Canned vegetables and fruits. H. Jevne Co. 164,091; Feb. 13.
Canned vegetables and sweet mixed pickles. American Pickle & Canning Co. 169,976; July 10; Serial No. 166,622; published Apr. 10, 1923.
Canned vegetables, beans and pork, flavoring extracts, etc. John Sexton and Company. 169,220; June 12; Serial No. 153,625; published Mar. 20, 1923.
Canned vegetables, canned milk, catchup, flavoring extracts, and mincemeat. D. S. Williams. 172,640; Sept. 11; Serial No. 161,077; published May 1, 1923.
Canned vegetables, corn meal, rice, etc. Copps Co. 167,092; Apr. 24; Serial No. 165,916; published Jan. 30, 1923.
Canned vegetables, fruits, and fish. R. E. Cotter Company. 166,453; Apr. 3; Serial No. 166,044; published Jan. 16, 1923.
Canned vegetables, fruits, and fish, spices, etc. Karasik, Holleb & Co. 171,411; Aug. 7; Serial No. 172,881; published May 15, 1923.
Canned vegetables, fruits, and fish, sweet pickles, olives, rolled oats. J. C. Perry & Company. 167,078; Apr. 24; Serial No. 156,401; published Dec. 26, 1922.
Cantaloupes. Dawson-Edwards Company. 170,893; July 24; Serial No. 160,876; published Apr. 24, 1923.
Cantaloupes. J. T. John Company. 170,579; July 17; Serial No. 167,569; published Apr. 24, 1923.
Cantaloupes and apples, Fresh. G. W. H. Wagner & Sons. 166,900; Apr. 17; Serial No. 164,791; published Feb. 6, 1923.
Cantaloupes and lettuce. S. McHarg. 177,521; Dec. 18; Serial No. 167,409; published Oct. 9, 1923.
Cantaloupes and pears, Fresh. G. M. H. Wagner & Sons. 167,117; Apr. 24; Serial No. 164,790; published Feb. 6, 1923.

Classified list of trade-marks registered—Continued.

Cantaloupes, cassaba, and vegetables, Fresh. Half Moon Fruit & Produce Co. 176,507; Nov. 27; Serial No. 159,870; published Sept. 11, 1923.
Cantaloupes, Fresh. Earl Fruit Company. 168,637; May 29; Serial No. 168,403; published Mar. 6, 1923.
Cantaloupes, Fresh. Miller-Cummings Company. 173,384; Sept. 25; Serial No. 173,436; published July 3, 1923.
Cantaloupes, Fresh. C. M. Otoy & Co. 172,629; Sept. 11; Serial No. 153,687; published Aug. 22, 1922.
Cantaloupes, Fresh. T. H. Peppers. 170,118; July 10; Serial No. 162,949; published Apr. 3, 1923.
Cantaloupes, Fresh. Sawdey and Hunt. 167,698; May 8; Serial No. 166,726; published Feb. 20, 1923.
Cantaloupes, fresh citrous fruits, and grapes. T. H. Peppers. 172,501; Aug. 28.
Cantaloupes, fresh fruits and vegetables. Imperial Distributing Co. 177,018; Dec. 11; Serial No. 164,916; published Sept. 25, 1923.
Cantaloupes, melons, etc., Fresh. Miller-Cummings Company. 173,385; Sept. 25; Serial No. 173,435; published July 3, 1923.
Cantaloupes, vegetables, fruits, and grapes, Fresh. Jack Bros. & McBurney Co. 173,070; Sept. 11.
Capers, vinegar, olives, pickles, lard, etc. C. Perceval. 176,701; Nov. 27; Serial No. 177,049; published Sept. 11, 1923.
Caramels. Borden Company. 170,987; July 24.
Caramels. Phoebe Phelps Caramel Co. 173,787; Oct. 2; Serial No. 177,243; published July 3, 1923.
Caramels, Nut. P. G. Gerrish. 165,781; Mar. 20. Serial No. 157,665; published Dec. 26, 1922.
Catchup, Tomato. Welch Grape Juice Company. 177,583; Dec. 18.
Cattle, cows, and bulls, Holstein. E. F. Benson. 177,787; Dec. 25.
Cattle, leghorns, milk goats, and eggs. A. C. Etzel. 172,480; Aug. 28.
Cattle, sheep, and hogs, Live. R. A. Fairbairn. 164,934; Feb. 27.
Cattle of stock farms, Live. Carnation Stock Farms. 168,862; May 29; Serial No. 172,795; published Mar. 13, 1923.
Caviar. S. Rosenberg. 177,401; Dec. 18; Serial No. 178,361; published Aug. 7, 1923.
Cereal. Peggy's Health Food Company. 167,213; Apr. 24; Serial No. 164,829; published Jan. 30, 1923.
Cereal and in cooked foods, Preparation for use as a breakfast. T. C. Hopper. 177,180; Dec. 11; Serial No. 180,863; published Sept. 25, 1923.
Cereal, Breakfast. G. W. Farny. 167,474; May 1; Serial No. 166,739; published Jan. 9, 1923.
Cereal, Breakfast. W. B. Fink. 170,796; July 24; Serial No. 169,968; published Feb. 27, 1923.
Cereal, Breakfast. Kehlor Flour Mills Co. 167,120; Apr. 24; Serial No. 164,922; published Dec. 19, 1922.
Cereal, Breakfast. H. F. Paetsch. 170,864; July 24; Serial No. 167,486; published Mar. 20, 1923.
Cereal, Breakfast. Parched Wheat Co. 170,967; July 24.
Cereal, Breakfast. Phospho Food Co. 165,820; Mar. 20; Serial No. 165,717; published Jan. 30, 1923.
Cereal, Breakfast. Phospho Food Co. 167,121; Apr. 24; Serial No. 164,950; published Jan. 2, 1923.
Cereal foods prepared and semiprepared. Aunt Jemima Mills Company. 166,082; Mar. 27; Serial No. 158,591; Mar. 27; published Oct. 10, 1922.
Cereal, Japanese breakfast. T. Tsuneo. 163,634; Jan. 23.
Cereal products, Certain. Seeman Brothers. 23,126; renewed May 30, 1923.
Cereal, Rye breakfast. M. C. Ely. 173,353; Sept. 25; Serial No. 166,357; published Mar. 20, 1923.
Cereal, Wheat. Sims Milling Company. 176,592; Nov. 27; Serial No. 179,229; published Sept. 18, 1923.
Cereals. Kevil Cereal Company. 170,803; July 24; Serial No. 169,550; published Feb. 27, 1923.
Cereals, Breakfast. Battle Creek Food Company. 173,172; Sept. 18; Serial No. 172,575; published May 8, 1923.
Cereals, Breakfast. Battle Creek Food Company. 175,685; Nov. 6.
Cereals, Breakfast. Colton Brothers Company. 176,755; Nov. 27; Serial No. 175,386; published Aug. 7, 1923.
Cereals, Breakfast. F. C. Gillitt. 170,876; July 24; Serial No. 158,309; published Mar. 20, 1923.
Cereals, Breakfast. Walton Milling Company. 177,128; Dec. 11; Serial No. 142,369; published Sept. 25, 1923.
Cereals, Prepared and semiprepared breakfast. Aunt Jemima Mills Company. 167,387; May 1; Serial No. 164,624; published Jan. 30, 1923.
Cereals, Wheat. Radiantfood Company. 165,955; Mar. 27; Serial No. 150,027; published Nov. 7, 1922.
Cereals, Wheat. Radiantfood Company. 165,957; Mar. 27; Serial No. 150,930; published Nov. 7, 1922.
Cheese. C. Baltz. 165,376; Mar. 6; Serial No. 160,279; published Nov. 7, 1922.
Cheese. A. H. Barber & Co. 177,383; Dec. 18; Serial No. 182,040; published Oct. 2, 1923.
Cheese. A. H. Barber & Co. 177,384; Dec. 18; Serial No. 182,042; published Oct. 2, 1923.
Cheese. F. X. Baumert & Co. 165,272; Mar. 6; Serial No. 158,844; published Oct. 24, 1922.
Cheese. F. X. Baumert & Co. 167,397–8; May 1; Serial Nos. 166,928–9; published Jan. 9, 1923.
Cheese. F. X. Baumert & Co. 170,827; July 24; Serial No. 169,746; published Feb. 27, 1923.
Cheese. Beatrice Creamery Company. 171,338; Aug. 7; Serial No. 172,793; published Apr. 10, 1923.
Cheese. Crawford Farms, Incorporated. 171,023; July 31; Serial No. 168,025; published Apr. 3, 1923.
Cheese. Crawford Farms, Incorporated. 171,024; July 31; Serial No. 168,026; published Mar. 27, 1923.
Cheese. N. Dorman. 167,209; Apr. 24; Serial No. 165,126; published Jan. 30, 1923.
Cheese. W. Faehndrich. 170,665; July 17; Serial No. 147,720; published Jan. 10, 1922.
Cheese. Fairmont Creamery Co. 163,497; Jan. 16.
Cheese. Gerber & Co. 167,133; Apr. 24; Serial No. 158,38; published Jan. 30, 1923.
Cheese. Holland Food Corporation. 170,862; July 24; Serial No. 167,617; published Mar. 20, 1923.
Cheese. A. Huss. 170,850; July 24; Serial No. 163,873; published Mar. 20, 1923.
Cheese. J. Kirkpatrick. 172,518; Sept. 4; Serial No. 172,599; published May 1, 1923.
Cheese. T. L. Knapstein. 171,076; July 31; Serial No. 170,071; published Mar. 27, 1923.
Cheese. J. L. Kraft & Bros. Co. 167,054; Apr. 24; Serial No. 160,814; published Jan. 30, 1923.
Cheese. Laersen Products Co. 167,390; May 1; Serial No. 164,325; published Dec. 19, 1922.
Cheese. E. H. Locatelli. 169,122–4; June 5.
Cheese. E. Locatelli. 173,533; Sept. 25.
Cheese. Macleay Estate Co. 170,856; July 24; Serial No. 168,772; published Mar. 20, 1923.
Cheese. Carl Marty and Company. 167,194; Apr. 24; Serial No. 162,432; published Jan. 30, 1923.
Cheese. Carl Marty & Company. 177,381; Dec. 18; Serial No. 181,904; published Oct. 2, 1923.
Cheese. Mauerhofer Söhne & Co. 172,769; Sept. 11; Serial No. 173,936; published June 5, 1923.
Cheese. Phenix Cheese Co. 176,724; Nov. 27; Serial No. 172,392; published July 24, 1923.
Cheese. A. H. Raether. 163,616; Jan. 23.
Cheese. Roethlisberger & Co. 167,391; May 1; Serial No. 164,198; published Jan. 30, 1923.
Cheese. M. O. Schaefer. 176,615; Nov. 27; Serial No. 174,866; published July 24, 1923.
Cheese. E. F. Steiner. 175,711; Nov. 6.
Cheese. C. A. Straubel Co. 172,642; Sept. 11; Serial No. 157,857; published Apr. 3, 1923.
Cheese. C. E. Zuercher & Co. 172,534; Sept. 4; Serial No. 174,052; published May 15, 1923.
Cheese and ice cream. Pure Milk & Dairy Co. 176,376; Nov. 20.
Cheese and mincemeat. C. Perceval. 170,828; July 24; Serial No. 169,820; published Feb. 27, 1923.
Cheese and preserved cheese, Alpina Cheese Co. 167,136; Apr. 24; Serial No. 157,127; published Jan. 30, 1923.
Cheese and preserved cheese. Käseexport A. G. Goldbach (Emmenthal). 165,079; Mar. 6; Serial No. 158,769; published Oct. 17, 1922.
Cheese, butter, milk, etc. K. Hoefelmayr. 166,132; Mar. 27; Serial No. 141,722; published Aug. 22, 1922.
Cheese, Cream. A. Britton. 171,025; July 31; Serial No. 168,097; published Apr. 3, 1923.
Cheese for macaroni. W. A. Navigato. 167,641; May 8. Serial No. 168,849; published Jan. 16, 1923.
Cheese, Grated. D. Colonna & Son. 167,473; May 1; Serial No. 166,876; published Jan. 9, 1923.
Cheese, milk, and cream. Lily Brook Farms, Inc. 176,749; Nov. 27; Serial No. 175,8000; published Aug. 7, 1923.
Cheese, mustard, farina, tea, coffee, chocolate, etc. I. Geltman. 171,078; July 31; Serial No. 169,751; published Apr. 3, 1923.
Cheese, Swiss. Alpina Cheese Co. 170,822; July 24; Serial No. 170,113; published Mar. 20, 1923.
Cheese, Swiss. Alpina Cheese Co. 170,834; July 24; Serial No. 170,110; published Mar. 20, 1923.
Cheese, Swiss. Alpina Cheese Co. 172,465; Aug. 28; Serial No. 170,111; published May 8, 1923.
Cheese, Swiss. Alpina Cheese Co. 172,555; Sept. 11; Serial No. 170,112; published May 8, 1923.
Cheese, Swiss. Alpina Cheese Co. 172,573; Sept. 11; Serial No. 170,114; published May 8, 1923.
Cheeses. C. Perceval. 170,795; July 24; Serial No. 169,821; published Feb. 27, 1923.
Cherries, Fresh. T. D. Bryan. 168,100; May 15; Serial No. 163,734; published Feb. 20, 1923.
Cherries, Fresh. San Joaquin County Cherry Growers Assn. 173,148; Sept. 18; Serial No. 177,875; published June 12, 1923.
Chewing gum. L. P. Larson, Jr., Company. 169,205; June 12; Serial No. 168,769; published Mar. 27, 1923.
Chickens and eggs for hatching purposes, White Wyandotte. O. R. Hutchison. 167,557; May 1; Serial No. 165,443; published Dec. 12, 1922.
Chickens, Live. Loup Valley Hatchery. 172,822; Sept. 11; Serial No. 170,146; published May 1, 1923.
Chicks, Live. Kerr Chickeries Incorporated. 168,596; May 29; Serial No. 164,763; published Feb. 27, 1923.
Chicks, Live. Henry Little & Sons. 176,187; Nov. 20; Serial No. 167,086; published Sept. 11, 1923.
Chicks, live poultry, and eggs, Baby. A. S. Douthit. 176,355; Nov. 20.
Chicory. Ocha Company. 164,941; Feb. 27.

Chili pepper and chili powder. California Aroma Co. 175,304; Nov. 6; Serial No. 165,527; published Aug. 14, 1923.
Chili powder. C. B. Gentry. 173,572; Sept. 25.
Chili sauce, salad dressings, cider and white vinegar, etc. Cruikshank Brothers Company. 165,804; Mar. 20; Serial No. 172,665; published Jan. 9, 1923.
Chocolate. G. M. Cabrera. 170,657; July 17; Serial No. 168,511; published Apr. 17, 1923.
Chocolate. Fortune Products Company. 166,254; Mar. 27; Serial No. 164,634; published Dec. 19, 1922.
Chocolate. Ideal Cocoa & Chocolate Co. 171,593; Aug. 7; Serial No. 176,129; published May 22, 1923.
Chocolate. Klein Chocolate Company. 174,348; Oct. 16; Serial No. 140,895; published Mar. 1, 1921.
Chocolate. Lamont-Corliss and Company. 171,295; Aug. 7; Serial No. 166,307; published May 15, 1923.
Chocolate and candies. H. R. Hoefler. 175,347; Nov. 6; Serial No. 170,107; published Aug. 14, 1923.
Chocolate and cocoa, Milk. Lamont-Corliss and Company. 177,265; Dec. 11; Serial No. 167,257; published Mar. 20, 1923.
Chocolate and cocoa, Milk. Lamont-Corliss and Company. 177,266; Dec. 11; Serial No. 167,255; published Mar. 20, 1923.
Chocolate and cocoa, Milk. Lamont-Corliss and Company. 177,283; Dec. 11.
Chocolate and cocoa, Milk. Lamont-Corliss and Company. 177,285; Dec. 11.
Chocolate bars. Loose-Wiles Biscuit Company. 167,710; May 8; Serial No. 161,482; published Feb. 20, 1923.
Chocolate coating. Ideal Cocoa & Chocolate Co. 171,539; Aug. 7; Serial No. 174,780; published May 8, 1923.
Chocolate coating. Ideal Cocoa & Chocolate Co. 171,540; Aug. 7; Serial No. 174,740; published May 8, 1923.
Chocolate coating. Ideal Cocoa & Chocolate Co. 172,408; Aug. 28; Serial No. 174,741; published May 29, 1923.
Chocolate coating. Ideal Cocoa & Chocolate Co. 172,409; Aug. 28; Serial No. 174,781; published May 29, 1923.
Chocolate coating. Ideal Cocoa & Chocolate Co. 172,419; Aug. 28; Serial No. 174,782; published May 29, 1923.
Chocolate coating. H. O. Wilbur & Sons, Inc. 165,650; Mar. 13.
Chocolate coating and cocoa. Lamont-Corliss and Company. 177,281; Dec. 11.
Chocolate coating for candy, Milk-. Peter Cailler Kohler Swiss Chocolates Co. 171,665; Aug. 7.
Chocolate, cocoas, bonbons, crackers, etc. W. B. Fair. 167,264; Apr. 24; Serial No. 154,080; published Jan. 30, 1923.
Chocolate-covered banana. J. Demas. 163,306; Jan. 9.
Chocolate cubes. Borden Company. 171,273; July 31.
Chocolate fruit and nut roll, Milk. Metro Chocolate Co. 177,754; Dec. 25; Serial No. 179,050; published Sept. 25, 1923.
Chocolate fruit bar. Gruenhagen's. 169,777; July 3; Serial No. 168,766; published Apr. 3, 1923.
Chocolate malted concentrate. Sethness Company. 173,847; Oct. 2; Serial No. 174,265; published July 3, 1923.
Chocolate, marshmallow whip, flash chocolate, jiffy milk cocoa, etc., Instantaneous. Stephen F. Whitman & Son. 176,126; Nov. 20; Serial No. 174,419; published Aug. 21, 1923.
Chocolate, Milk and almond. Nissly Swiss Chocolate Company. 174,925; Oct. 23.
Chocolate mixture. Hershey Chocolate Company. 171,063; July 31; Serial No. 166,453; published Feb. 20, 1923.
Chocolate nut bars, Sweet-. Massachusetts Chocolate Company. 177,683; Dec. 25; Serial No. 167,479; published Feb. 6, 1923.
Chocolate preparation combined with malted milk for making chocolate malted soft drink. Instantaneous. Vitamine Malted Milk Co. 166,330; Mar. 27.
Chocolate, Prepared. Ever Ready Chocolate Co. 175,091; Oct. 30; Serial No. 179,997; published Aug. 14, 1923.
Chocolate, Sweet vanilla. Runkel Brothers, Inc. 165,801; Mar. 20; Serial No. 161,648; published Dec. 26, 1922.
Chocolates. D. Auerbach & Sons. 163,270; Jan. 9.
Chocolates. Bunte Brothers. 177,035; Dec. 11; Serial No. 160,385; published Sept. 25, 1923.
Chocolates. Great Atlantic and Pacific Tea Company. 170,754; July 24; Serial No. 173,417; published Apr. 24, 1923.
Chocolates. Hershey Chocolate Co. Nos. 165,247–8; Mar. 6.
Chocolates. Kibbe Brothers Company. 168,623–4; May 29; Serial No. 167,723–4; published Mar. 6, 1923.
Chocolates. London Chocolate Company. 171,722; Aug. 14; Serial No. 138,861; published May 22, 1923.
Chocolates. Stephen F. Whitman & Son, Inc. 165,824; Mar. 20; Serial No. 165,322; published Jan. 2, 1923.
Chocolates. Wisconsin Candy Co. 168,659; May 29; Serial No. 165,654; published Feb. 27, 1923.
Chocolates and candies. Paul Gelpi & Sons, Inc. 168,874; May 29; Serial No. 170,135; published Mar. 13, 1923.
Chocolates and candies. E. Greenfield's Sons. 168,826; May 29; Serial No. 170,386; published Mar. 13, 1923.
Chocolates and candies. E. Greenfield's Sons. 168,872; May 29; Serial No. 170,378; published Mar. 13, 1923.
Chocolates and candies. E. Greenfield's Sons. 169,913; July 3; Serial No. 170,377; published Apr. 3, 1923.
Chocolates and candies. E. Greenfield's Sons. 170,088–9; July 10; Serial Nos. 170,383–4; published Apr. 10, 1923.
Chocolates and candies. E. Greenfield Sons. 170,495; July 17; Serial No. 170,381; published Apr. 24, 1923.
Chocolates and candies. E. Greenfield's Sons. 170,824; July 24; Serial No. 170,380; published Apr. 24, 1923.
Chocolates and candies. E. Greenfield's Sons. 171,240; July 31; Serial No. 170,385; published May 15, 1923.
Chocolates and candies. Wallace & Co. 168,021; May 8.
Chocolates and candies. Wallace & Co. 171,753; Aug. 14; Serial No. 163,489; published Jan. 9, 1923.
Chocolates and candy. E. Greenfield's Sons. 175,787; Nov. 13; Serial No. 179,790; published Sept. 4, 1923.
Chocolates and chocolate-coated candies. Donahoe's Inc. 165,763; Mar. 20; Serial No. 161,035; published Jan. 2, 1923.
Chocolates and cream walnuts. E. P. Lewis. 166,994; Apr. 17.
Chocolates and other bonbons. Walter M. Lowney Co. 22,591; renewed Mar. 7, 1923.
Chocolates, Boxes of assorted. Allegretti Chocolate Cream Co. 169,137; June 12; Serial No. 155,469; published Aug. 1, 1922.
Chocolates, cocoa, chocolate, and candies. J. G. McDonald Chocolate Co. 166,865; Apr. 17; Serial No. 163,589; published Feb. 6, 1923.
Chocolates, cocoa, chocolate, and candies. J. G. McDonald Chocolate Co. 166,905; Apr. 17; Serial No. 163,591; published Feb. 6, 1923.
Chocolates, Packages of. A. R. Walker Candy Corporation. 163,413; Jan. 9.
Chocolates wrapped in colored metal foil. J. G. Smith. 171,386; Aug. 7; Serial No. 141,193; published May 8, 1923.
Chop-suey sauce. L. C. Chan & Company. 175,757; Nov. 13; Serial No. 168,753; published Sept. 4, 1923.
Chowchow pickle, mixed pickles, sour onions, etc. Silver Lane Pickle Company. 176,606; Nov. 27; Serial No. 179,562; published Sept. 11, 1923.
Chowder. C. W. McMorran. 176,740; Nov. 27; Serial No. 176,491; published Sept. 11, 1923.
Cigars. Mildman Cigar Co. 163,372; Jan. 9.
Cocoa. Stephen L. Bartlett Company. 168,778; May 29; Serial No. 111,076; published June 10, 1919.
Cocoa. Naamlooze Vennootschap Hollandsche Cacao- en Chocoladefabrieken Voorheen Bensdorp & Co. 166,426; Apr. 3; Serial No. 164,767; published Jan. 16, 1923.
Cocoa. Sands Cocoa Corporation. 164,733; Feb. 27.
Cocoa and chocolate. Hooton Cocoa Company. 176,536; Nov. 27; Serial No. 182,587; published Sept. 11, 1923.
Cocoa and chocolate. Lamont-Corliss and Company. 177,282; Dec. 11.
Cocoa and chocolate. Charles H. Phillips Chemical Co. 176,613; Nov. 27; Serial No. 178,465; published Sept. 11, 1923.
Cocoa and chocolate. Charles H. Phillips Chemical Co. 176,706; Nov. 27; Serial No. 178,464; published Sept. 11, 1923.
Cocoa and chocolate. F. & H. Turner Limited. 168,009; May 8.
Cocoa and chocolate. F. & H. Turner Limited. 174,784; Oct. 23; Serial No. 147,745; published Aug. 15, 1923.
Cocoa beans and butter, coffees, spices, etc. Daarnhouwer & Co. 177,021; Dec. 11; Serial No. 165,487; published Sept. 25, 1923.
Cocoa paste, beverage cocoa, and ice-cream powder, Fountain. Langley & Michaels Co. 164,298; Feb. 20.
Cocoa, pudding, and cornstarch. Manhattan Baking Powder Co. 172,980; Sept. 11; Serial No. 174,316; published June 5, 1923.
Cocoa, sugar, cereal breakfast food, wheat flour, and condensed milk. Beech-Nut Packing Company. 177,140; Dec. 11; Serial No. 151,531; published Dec. 27, 1921.
Cocoa, tea, and rice. Old Dutch Mills, Inc. 170,792; July 24; Serial No. 170,594; published Mar. 13, 1923.
Coconut macaroon strip. Standard Baking Company. 167,129; Apr. 24; Serial No. 165,420; published Jan. 30, 1923.
Coconut-oil cake, stock and poultry feed, and meal. Portland Vegetable Oil Mills Co. 175,719; Nov. 6.
Coconut-oil products, Edible. I. M. Simonin. 167,343; May 1; Serial No. 163,009; published Jan. 30, 1923.
Codfish, Boneless salt. Deep Sea Fisheries, Inc. 170,441; July 17; Serial No. 172,085; published Apr. 10, 1923.
Codfish, Dry salt-cured. W. B. Fair. 163,314; Jan. 9.
Coffee. Abraham & Straus, Inc. 177,155; Dec. 11; Serial No. 182,281; published Sept. 25, 1923.
Coffee. F. S. Ainsa Company. 177,678; Dec. 25; Serial No. 156,672; published Sept. 11, 1923.
Coffee. Alouf Bros. 166,450; Apr. 3; Serial No. 166,217; published Jan. 16, 1923.
Coffee. Arbuckle Brothers. 169,297; June 12; Serial No. 166,162; published Mar. 27, 1923.
Coffee. Arbuckle Brothers. 172,069; Aug. 21; Serial No. 177,348; published May 29, 1923.
Coffee. Bain-Alexander Company. 163,273; Jan. 9.
Coffee. Bel-Jar Coffee Co. 168,586; May 29; Serial No. 163,915; published Feb. 27, 1923.

Classified list of trade-marks registered—Continued.

Coffee. Wm. Boardman & Sons Company. 165,774; Mar. 20; Serial No. 159,196; published Jan. 2, 1923.
Coffee. George C. Buell & Co. 173,949; Oct. 2; Serial No. 178,819; published July 17, 1923.
Coffee. George C. Buell & Co. 177,197; Dec. 11; Serial No. 178,817; published Sept. 11, 1923.
Coffee. Burton Coffee Company. 177,236; Dec. 11; Serial No. 181,556; published Sept. 25, 1923.
Coffee. Burton Coffee Company. 177,237; Dec. 11; Serial No. 181,554; published Sept. 25, 1923.
Coffee. J. Butler. 23,944; renewed Dec. 26, 1923.
Coffee. Cauchois Coffee Company. 177,174; Dec. 11; Serial No. 181,011; published Sept. 25, 1923.
Coffee. Churchill Drug Company. 163,835; Jan. 30.
Coffee. F. Cotera. 173,599; Oct. 2; Serial No. 168,208; published July 3, 1923.
Coffee. F. Danna. 171,422; Aug. 7; Serial No. 172,146; published May 8, 1923.
Coffee. Dern Food Company. 174,684; Oct. 23; Serial No. 179,857; published July 31, 1923
Coffee. C. A. Doscher. 174,924; Oct. 23.
Coffee. Dwinell-Wright Company. 170,707; July 24; Serial No. 154,793; published May 1, 1923.
Coffee. J. S. Elliott Coffee Company. 170,886; July 24; Serial No. 159,746; published May 8, 1923.
Coffee. El Reno Wholesale Grocery Company. 163,312; Jan. 9.
Coffee. A. Engelhard & Sons Co. 169,539; June 19; Serial No. 169,289; published Feb. 27, 1923.
Coffee. G. B. Farrington Co. 168,828; May 29; Serial No. 170,479; published Mar. 13, 1923.
Coffee. Fishback Co. 166,456; Apr. 3; Serial No. 165,920; published Jan. 16, 1923.
Coffee. Fitch Company. 175,938; Nov. 13; Serial No. 174,565; published Sept. 4, 1923.
Coffee. F. T. Gallotti. 171,703; Aug. 7.
Coffee. J. F. Goodson & Company. 171,362; Aug. 7; Serial No. 170,582; published May 8, 1923.
Coffee. G. Gund. 170,484; July 17; Serial No. 172,529; published Apr. 17, 1923.
Coffee. Haas, Baruch & Co. 175,518; Nov. 6; Serial No. 176,623; published Aug. 14, 1923.
Coffee. Haas Lieber Grocery Co. 173,405; Sept. 25; Serial No. 175,863; published June 26, 1923.
Coffee. Hills Bros. 163,338; Jan. 9.
Coffee. C. A. Isaacson. 174,130; Oct. 2.
Coffee. B. V. Jean. 175,368; Nov. 6; Serial No. 176,026; published Aug. 14, 1923.
Coffee. H. Jevne Co. 174,726; Oct. 23; Serial No. 162,744; published Aug. 7, 1923.
Coffee. Joannes Bros. Co. 169,700; June 26.
Coffee. J. Johnson. 168,173; May 15; Serial No. 168,315; published Feb. 20, 1923.
Coffee. M. R. Johnston. 173,138; Sept. 18; Serial No. 178,256; published June 12, 1923.
Coffee. Kellum Company. 164,881; Feb. 27.
Coffee. Kellum Company. 177,777; Dec. 25; Serial No. 184,136; published Oct. 9, 1923.
Coffee. P. S. Kennedy. 163,690; Jan. 23.
Coffee. C. D. Kenny Company. 174,515; Oct. 16; Serial No. 178,257; published July 24, 1923.
Coffee. Klauber Wangenheim Co. 172,091; Aug. 21; Serial No. 176,896; published May 29, 1923.
Coffee. Laird Manufacturing Co., Inc. 171,177; July 31; Serial No. 171,581; published May 8, 1923.
Coffee. H. Lustine. 176,808; Nov. 27.
Coffee. Nash Coffee Company. 167,097; Apr. 24; Serial No. 167,188; published Jan. 23, 1923.
Coffee. Nash Coffee Company. 177,651; Dec. 25; Serial No. 168,483; published Sept. 11, 1923.
Coffee. Newmark Brothers. 168,541; May 29; Serial No. 158,137; published Mar. 6, 1923.
Coffee. C. D. Newton. 166,260; Mar. 27; Serial No. 164,937; published Dec. 19, 1922.
Coffee. Ohio Valley Coffee Co. 175,357; Nov. 6; Serial No. 178,270; published Aug. 14, 1923.
Coffee. Old Dutch Mills, Inc. 170,220; July 10; Serial No. 153,256; published Dec. 5, 1922.
Coffee. Palmetto Coffee Co. 169,380; June 12; Serial No. 171,381; published Mar. 27, 1923.
Coffee. T. T. Reboul. 166,512; Apr. 3; Serial No. 163,698; published Jan. 9, 1923.
Coffee. Wm. T. Reynolds & Co. 176,963; Dec. 11; Serial No. 178,287; published Sept. 25, 1923.
Coffee. Ridenour-Baker Grocery Company. 175,367; Nov. 6; Serial No. 176,218; published Aug. 14, 1923.
Coffee. Rockford Wholesale Grocery Co. 170,647; July 17; Serial No. 169,563; published Apr. 17, 1923.
Coffee. Thos. Roulston, Inc. 173,114; Sept. 18; Serial No. 171,039; published June 5, 1923.
Coffee. Sanitary Grocery Co. 174,384; Oct. 16; Serial No. 168,942; published Feb. 27, 1923.
Coffee. Santander Coffee Co. 166,872; Apr. 17; Serial No. 162,317; published Feb. 6, 1923.
Coffee. Sehon, Stevenson & Company. 170,383; July 17; Serial No. 171,595; published Apr. 10, 1923.
Coffee. Sherman Coffee Company. 176,219; Nov. 20; Serial No. 178,475; published Aug. 21, 1923.
Coffee. E. T. Smith & Co. 22,433; renewed Feb. 7, 1923.
Coffee. F. S. Smith. 172,255; Aug. 28; Serial No. 153,480; published May 22, 1923.
Coffee. M. E. Swing Company. 166,890; Apr. 17; Serial No. 167,104; published Feb. 6, 1923.
Coffee. Vaughn Grocery Company. 173,382; Sept. 25; Serial No. 174,948; published July 3, 1923.
Coffee. Watchung Springs Company. 166,441; Apr. 3; Serial No. 166,796; published Jan. 16, 1923.
Coffee. Thomas J. Webb Company. 175,743; Nov. 13; Serial No. 178,787; published Sept. 4, 1923.
Coffee. Thomas J. Webb Company. 175,744; Nov. 13; Serial No. 178,789; published Sept. 4, 1923.
Coffee. Thomas J. Webb Company. 176,612; Nov. 27; Serial No. 179,075; published Sept. 11, 1923.
Coffee. Thomas J. Webb Company. 177,756; Dec. 25; Serial No. 178,786; published Sept. 11, 1923.
Coffee. Weideman Company. 174,716; Oct. 23; Serial No. 173,309; published July 24, 1923.
Coffee. Wilson Tea Co. 174,602; Oct. 23; Serial No. 177,885; published July 24, 1923.
Coffee. W. T. Woolfolk. 175,289; Nov. 6; Serial No. 147,856; published Aug. 14, 1923.
Coffee. Woolson Spice Co. 163,904; Feb. 6.
Coffee. C. R. Yates. 176,145; Nov. 20; Serial No. 173,458; published Sept. 4, 1923.
Coffee. J. Zinsmeister & Sons, Inc. 174,629; Oct. 23; Serial No. 179,577; published July 31, 1923.
Coffee and chicory. A. Engelhard & Sons Company. 164,305; Feb. 20.
Coffee and coffee and chicory. F. Danna. 164,805; Feb. 27.
Coffee and tea. Berdan Company. 174,372; Oct. 16; Serial No. 167,864; published Mar. 6, 1923.
Coffee and tea. J. H. Braun & Co. 176,265; Nov. 20; Serial No. 177,267; published Aug. 21, 1923.
Coffee and tea. Eagle Tea & Coffee Company. 171,164; July 31; Serial No. 176,672; published May 22, 1923.
Coffee and tea. Leon Israel & Bros., Inc. 176,652; Nov. 27; Serial No. 125,112; published Sept. 11, 1923.
Coffee and tea. C. H. Kroneberger & Co. 169,226; June 12; Serial No. 165,085; published Mar. 20, 1923.
Coffee and tea. T. J. Lipton. 23,837–8; renewed Nov. 21, 1923.
Coffee and tea. Requa Bros. 171,233; July 31; Serial No. 170,834; published May 15, 1923.
Coffee, canned fruits, vegetables, and fish, table molasses. Potter-McCune Company. 171,020; July 31; Serial No. 167,687; published Apr. 3, 1923.
Coffee, canned vegetables, fruits, and fish, and evaporated milk. Amos-James Grocer Co. 168,877; May 27; Serial No. 169,997; published Mar. 13, 1923.
Coffee, cocoa, and chocolate. S. Blackman. 166,290; Mar. 27.
Coffee, flavoring extracts, milk, tea, canned goods. Riker, Galindo & Company. 171,277; July 31.
Coffee, Processed. Wilder & Jacobs. 173,268; Sept. 18; Serial No. 175,045; published June 19, 1923.
Coffee, rice, and evaporated milk. H. P. Lau Co. 170,667; July 17; Serial No. 158,320; published Oct. 3, 1922.
Coffee, Roasted. Caldwell Importing Co. 165,953; Mar. 27; Serial No. 149,171; published Dec. 12, 1922.
Coffee, rolled oats, cocoa, etc. Church-Vance Grocery Co. 177,105; Dec. 11; Serial No. 173,033; published Sept. 18, 1923.
Coffee, Soluble. King Coffee Products Corporation. 165,912; Mar. 20.
Coffee substitute. James Van Dyk Co. 177,045; Dec. 11; Serial No. 180,457; published Sept. 25, 1923.
Coffee, tea, and spices. Robertson-McClintock Co. 164,544; Feb. 20.
Coffee, tea, bread, pastry flour, marshmallow crème, and salad dressing. Huey & Mathews, Inc. 172,608; Sept. 11; Serial No. 170,019; published June 5, 1923.
Coffee, tea, canned vegetables and fruits, and evaporated milk. Symons-Moffett Co. 163,632; Jan. 23.
Coffee, tea, cocoa, etc. H. Jevne Co. 177,026; Dec. 11; Serial No. 162,746; published Sept. 18, 1923.
Coffee, tea, cocoa, spices, etc. Defiance Grocery Company. 176,584; Nov. 27; Serial No. 177,367; published Aug. 21, 1923.
Coffee, tea, spices, flavoring extracts. Olson Coffee Co. 170,859; July 24; Serial No. 168,546; published Apr. 17, 1923.
Coffees and teas. V. C. Lindstrom. 167,069; Apr. 24; Serial No. 158,050; published Feb. 6, 1923.
Coffees, candies, chocolates, and chocolate-covered confections. R. J. George. 171,434; Aug. 7; Serial No. 163,796; published May 8, 1923.
Coff-O-Malt, a substitute for coffee. L. A. McCoy. 168,334; May 22; Serial No. 161,497; published Feb. 20, 1923.
Cone cake. American Cone & Pretzel Company. 165,798; Mar. 20; Serial No. 162,659; published Jan. 2, 1923.
Cones, Cake. Acme Cone Co. 175,869; Nov. 13; Serial No. 175,177; published Aug. 28, 1923.
Cones, Sugar. Sugar Cone Manufacturing Corp. 173,192; Sept. 18; Serial No. 167,538; published June 19, 1923.
Compound used in preparation of jellies, desserts, etc. Genesee Pure Food Company. 175,564; Nov. 6; Serial No. 178,998; published Aug. 21, 1923.
Confection. Allingham Candy Manufacturing Company. 177,742; Dec. 25; Serial No. 158,912; published Oct. 2, 1923.
Confection. H. P. Hood & Sons, Inc. 174,338; Oct. 16; Serial No. 158,234; published Dec. 5, 1923.

Confection. H. Lehoczky. 171,416; Aug. 7; Serial No. 172,481; published May 8, 1923.
Confection. S. N. Sperber. 175,818; Nov. 13; Serial No. 159,533; published Sept. 4, 1923.
Confection, Cake. F. C. Parks. 164,045; Feb. 13.
Confection consisting of ice cream and cones containing the same. City Dairies Company. 165,773; Mar. 20; Serial No. 159,234; published Dec. 19, 1922.
Confection for coating of covering for candy, biscuits, cakes, pastry, etc. White-Stokes Company. 167,027; Apr. 24; Serial No. 161,812; published Jan. 30, 1923.
Confection, Frozen. C. B. Bemis. 175,736; Nov. 13; Serial No. 178,891; published Aug. 28, 1923.
Confection, Fruit. C. A. Sanborn. 168,550; May 29; Serial No. 160,029; published Aug. 8. 1922.
Confection in cake form, Nutritive. Crown Products, Inc. 167,477; May 1; Serial No. 163,735; published Dec. 19, 1922.
Confection, Mint. L. P. Larson, Jr., Company. 169,204; June 12; Serial No. 168,770; published Mar. 27, 1923.
Confection, Pop-corn. Sweet Candy Co. 165,825; Mar. 20; Serial No. 165,315; published Jan. 2, 1923.
Confectionery. DeKlyn Candy Company. 172,943; Sept. 11; Serial No. 156,520; published June 5, 1923.
Confectionery. Wallace & Co. 23,075; renewed May 23, 1923.
Confectionery in the form of frozen dainties. F. C. Colucci. 169,229; June 12; Serial No. 166,290; published Mar. 20, 1923.
Confectionery, sweets, etc., Dry products for use in the manufacture of. Kandex Products, Incorporated. 163,348; Jan. 9.
Confections. H. Williamson. 22,632; renewed Mar. 14. 1923.
Confections, Baked. E. D. Brown. 167,196–7; Apr. 24; Serial Nos. 162,473–4; published Jan. 30, 1923.
Confections comprising chocolates, bonbons, etc. Roach Tisdale & Co. 171,089; July 31; Serial No. 173,534; published Apr. 24, 1923.
Confections dispensed in cones. Van Sant, Hiatt and McCutcheon. 165,857; Mar. 20; Serial No. 133,563; published Jan. 2, 1923.
Confections, Frozen. Walter S. Daley Co. 165,788; Mar. 20; Serial No. 164,309; published Dec. 19, 1922.
Confections, Frozen. Elite Confectionery Co. 170,868; July 24; Serial No. 166,664; published Jan. 16, 1923.
Confections, Frozen. Elite Confectionery Co. 170,869; July 24; Serial No. 166,663; published Jan. 23, 1923.
Confections, Frozen. E. R. Hornidy. 164,734; Feb. 27.
Confections, Honey and nut. A. De Vito. 171,317; Aug. 7; Serial No. 167,867; published May 1, 1923.
Confections, ice cream, and ices, Frozen. Tawney Ice Cream Company. 167,066; Apr. 24; Serial No. 159,436; published Jan. 30, 1923.
Cooked and canned food products. College Inn Food Products Co. 175,067; Oct. 30; Serial No. 170,865; published Aug. 14, 1923.
Cookies. Bishop & Company. 176,679; Nov. 27; Serial No. 174,955; published July 31, 1923.
Cookies. Bishop & Company. 176,698; Nov. 27; Serial No. 174,956; published July 31, 1923.
Cookies. Bishop & Company. 177,622; Dec. 25; Serial No. 182,465; published Oct. 2, 1923.
Cookies. F. L. Bradbury Co. 165,076; Mar. 6; Serial No. 159,407; published Nov. 7, 1922.
Cookies. Iten Biscuit Co. 172,557; Sept. 11; Serial No. 171,923; published May 1, 1923.
Cookies. Genevieve Jackson, Inc. 177,604; Dec. 18.
Cookies. Mama Cookie Bakery. 176,876; Dec. 4; Serial No. 181,758; published Sept. 25, 1923.
Cookies. Matthaei Baking Co. 167,023; Apr. 24; Serial No. 162,031; published Dec. 12, 1922.
Cookies. R. Newkirk. 173,515; Sept. 25.
Cookies and confectionery. T. A. Huston & Co. 172,470; Aug. 28; Serial No. 171,696; published May 8, 1923.
Cookies and macaroons. Mother's Favorite Cookie Company. 167,241; Apr. 24; Serial No. 159,322; published Jan. 30, 1923.
Cookies and small cakes. National Biscuit Company. 177,623; Dec. 25; Serial No. 182,435; published Oct. 2, 1923.
Cookies, cakes, and crackers. J. S. Ivins' Son, Inc. 177,365; Dec. 18; Serial No. 181,749; published Oct. 2, 1923.
Cookies, Fancy. Pacific Coast Biscuit Company. 172,971; Sept. 11; Serial No. 174,854; published June 5, 1923.
Cooky having laxative qualities. Genevieve Jackson, Inc. 165,537; Mar. 13; Serial No. 159,705; published Dec. 12, 1922.
Corn flakes. Favorite Cereals Company. 170,832; July 24; Serial No. 170,058; published Feb. 27, 1923.
Corn flakes. Postum Cereal Company. 170,853; July 24; Serial No. 163,763; published Feb. 13, 1923.
Corn flakes. Price Food Products Corporation. 167,122; Apr. 24; Serial No. 164,951; published Dec. 19, 1922.
Corn meal. C. D. Calverley. 172,984; Sept. 11; Serial No. 174,064; published June 5, 1923.
Corn oil for food purposes. Aspegren & Co. 167,517; May 1; Serial No. 165,436; published Jan. 30, 1923.
Cottonseed cake and meal, salad and psy oils. California Cotton Oil Company. 167,068; Apr. 24; Serial No. 158,293; published Nov. 7, 1922.
Crab meat. Taiyo Trading Company. 171,248; July 31; Serial No. 171,236; published May 15, 1923.
Cracker products and Dutch-style cookies. W. R. Montague Company. 172,438; Aug. 28; Serial No. 171,098; published May 1, 1923.
Cracker products, crackers, cakes, and Dutch-style cookies. W. R. Montague Company. 170,797; July 24; Serial No. 170,076; published Apr. 3, 1923.
Crackers. E. J. Adler. 170,906; July 24; Serial No. 156,345; published Mar. 27, 1923.
Crackers. Fred W. Albrecht Grocery Company. 167,216; Apr. 24; Serial No. 163,662; published Jan. 30, 1923.
Crackers. Fred W. Albrecht Grocery Company. 167,478; May 1; Serial No. 163,663; published Jan. 30, 1923.
Crackers. J. S. Ivins' Son, Inc. 166,286; Mar. 27.
Crackers. Pacific Coast Biscuit Company. 167,128; Apr. 24; Serial No. 165,409; published Dec. 12, 1922.
Crackers. Standard Biscuit Company. 167,402; May 1; Serial No. 165,894; published Jan. 30, 1923.
Crackers. Standard Biscuit Company. 167,506; May 1; Serial No. 165,890; published Dec. 12, 1922.
Crackers. Standard Biscuit Company. 172,489; Aug. 28.
Crackers and biscuits. F. L. Jones Co. 177,432; Dec. 18; Serial No. 117,980; published Sept. 25, 1923.
Crackers and cake. Taggart Baking Company. 163,259; Jan. 2.
Crackers and cakes, and cracker meal. Green & Green Company. 172,458; Aug. 28; Serial No. 158,772; published May 15, 1923.
Crackers and cookies. Pacific Coast Biscuit Co. 173,153; Sept. 18; Serial No. 151,284; published Dec. 26, 1922.
Crackers, bread, rolls, cakes, and cookies. Taggart Baking Company. 163,258; Jan. 2.
Crackers, cakes, and biscuits. Purity Biscuit Company. 164,189; Feb. 13.
Crackers or biscuits. Pennsylvania Baking Company. 168,924; May 29; Serial No. 123,139; published Oct. 5, 1920.
Crackers, Soda. Tacoma Biscuit & Candy Company. 171,342; Aug. 7; Serial No. 172,913; published Apr. 10, 1923.
Cranberries, Fresh. Grayland Cranberry Growers. 177,093; Dec. 11; Serial No. 171,316; published Sept. 25, 1923.
Cream, condensed cream, and cheese, Export. E. Smidt. 167,405; May 1; Serial No. 165,464; published Jan. 30, 1923.
Cream, condensed milk, and cheese, Export. E. Smidt. 176,683; Nov. 27; Serial No. 169,458; published Aug. 7, 1923.
Cream soda, birch beer, ginger ale, etc. Country Club Soda Co. 168,458; May 22; Serial No. 173,406; published Feb. 20, 1923.
Cream, sweet milk and cream, whip cream, buttermilk, butter. Western Dairy Co. 167,141; Apr. 24; Serial No. 156,814; published December 26, 1922.
Crullers. S. & S. Melloroll Company. 167,021; Apr. 24; Serial No. 162,133; published Dec. 12, 1922.
Cucumbers, Preserved. Peerless Food Products Co. 171,799; Aug. 14; Serial No. 176,362; published May 22, 1923.
Cups capable of retaining liquids, Edible. Kracker-Kup Company. 177,030; Dec. 11; Serial No. 163,882; published Mar. 6, 1923.
Custards, puddings, gravies, etc., having incidental coloring properties, Thickening for. B. Heller and Company. 165,104; Mar. 6; Serial No. 144,456; published Nov. 7, 1922.
Dairy and food products. James Van Dyk Co. 173,554; Sept. 25.
Dairy and food products. James Van Dyk Co. 177,090; Dec. 11; Serial No. 172,623; published Sept. 25, 1923.
Dairy products. G. O. Clark. 176,357; Nov. 20.
Dairy products. Cowiche Creamery. 176,731; Nov. 27; Serial No. 173,565; published July 31, 1923.
Dairy products. F. A. Hoffman Co. 170,852; July 24; Serial No. 163,798; published Mar. 27, 1923.
Dairy products. E. F. Price. 163,728; Jan. 23.
Dairy products. Puritas Farms, Inc. 176,648; Nov. 27; Serial No. 151,098; published Aug. 21, 1923.
Dairy products. United Fruit Company. 176,627; Nov. 27; Serial No. 163,242; published Aug. 21, 1923.
Dairy products. United Fruit Company. 176,631; Nov. 27; Serial No. 163,245; published Aug. 21, 1923.
Dates. Th. Giocalas & V. Coyimzoglu. 172,096; Aug. 21; Serial No. 174,439; published May 29, 1923.
Dates. Th. Giocalas & V. Coyimzoglu. 172,097–8; Aug. 21; Serial Nos. 174,435–7; published May 29, 1923.
Dates. Th. Giocalas & V. Coyimzoglu. 172,219; Aug. 28; Serial No. 174,435; published May 29, 1923.
Dates. Th. Giocalas & V. Coyimzoglu. 173,849; Oct. 2; Serial No. 174,438; published July 3, 1923.
Dates. B. K. Marvin. 171,361; Aug. 7; Serial No. 170,688; published May 8, 1923.
Dates. Richards & Co. (London) Limited. 167,717; May 8; Serial No. 144,297; published Aug. 1, 1922.
Dates, figs, olives, and cherries, Packed. Van Dyk and Reeves, Inc. 167,451; May 1; Serial No. 162,701; published Dec. 12, 1922.
Dates, Fresh. Deglet Noor Date Growers Association. 165,506; Mar. 13; Serial No. 165,125; published Jan. 2, 1923.

Dates, salted nuts, and preserved figs. Royal Seal Food Products Co. 171,234; July 31; Serial No. 170,789; published May 8, 1923.
Dehydrated fruits and vegetables. King's Food Products Company. 177,141; Dec. 11; Serial No. 151,323; published Mar. 14, 1922.
Doughnut, Cholocate-coated. Miller-Caldan Company. 172,439; Aug. 28; Serial No. 171,228; published May 1, 1923.
Doughnut mixture, Prepared. W & L Baking Company. 171,022; July 31; Serial No. 167,960; published Mar. 20, 1923.
Doughnuts and fried cakes. Chicago Cream Fried Cake Co. 166,078; Mar. 27; Serial No. 159,012; published Oct. 17, 1922.
Dressing, olive oil, cheese, etc., French. M. Locci. 176,576; Nov. 27; Serial No. 178,265; published Aug. 21, 1923.
Drink, Malted chocolate milk. Weber. Milk Company. 170,573; July 17; Serial No. 165,320; published Apr. 17, 1923.
Edible article of manufacture or sweetmeat. Polar Cake Co. 170,120; July 10; Serial No. 163,944; published Dec. 5, 1922.
Edible preparation. Whip-Lite Products Co. 171,441; Aug. 7; Serial No. 160,840; published May 8, 1923.
Eggs. Fairmont Creamery Co. 165,387–8; Mar. 6; Serial Nos. 160,403–4; published Nov. 14, 1922.
Eggs. Fairmont Creamery Co. 167,024; Apr. 24; Serial No. 161,983; published Dec. 12, 1922.
Eggs. M. E. Fowler. 176,862; Dec. 4; Serial No. 168,963; published Sept. 11, 1923.
Eggs. Gude Brothers, Kieffer Company. 176,180–1; Nov. 20; Serial Nos. 174,443–4; published July 10, 1923.
Eggs. Gude Brothers, Kieffer Company. 176,183; Nov. 20; Serial No. 174,440; published July 10, 1923.
Eggs. C. W. Jean Company. 171,041; July 31; Serial No. 112,202; published May 8, 1923.
Eggs. John V. Kisker & Co. 176,840; Dec. 4; Serial No. 178,258; published Aug. 21, 1923.
Eggs. C. H. Koster. 169,119; June 5.
Eggs. P. W. Sahrbeck. 176,456; Nov. 27; Serial No. 176,694; published Sept. 4, 1923.
Eggs. Schlosser Brothers. 165,101; Mar. 6; Serial No. 160,832; published Nov. 14, 1922.
Eggs. Spangenberg & Co. 176,685; Nov. 27; Serial No. 168,494; published July 31, 1923.
Eggs. F. Susie. 167,026; Apr. 24; Serial No. 161,864; published Dec. 12, 1922.
Eggs. Swift and Company. 165,125; Mar. 6; Serial No. 161,278; published Nov. 14, 1922.
Eggs. White Arrow Farms. 170,933; July 24; Serial No. 161,398; published Mar. 27, 1923.
Eggs and butter. Missouri Egg & Poultry Company. 175,716-17; Nov. 6.
Eggs and dressed poultry, Fresh. J. H. Woldum. 165,136; Mar. 6; Serial No. 151,344; published Nov. 7, 1922.
Eggs and live poultry. E. R. Wells. 170,925; July 24; Serial No. 163,607; published Mar. 20, 1923.
Eggs, baby chicks, and grown chickens, Fresh. Pierce & Pierce. 165,643; Mar. 13.
Eggs, butter, poultry, pecans. Peter Company. 172,817; Sept. 11; Serial No. 172,434; published May 8, 1923.
Eggs, Fresh. Colonial Butter & Egg Co. 167,268; Apr. 24; Serial No. 152,606; published Dec. 19, 1922.
Eggs, Fresh. New Hampshire Co-Operative Marketing Association, Inc. 174,781; Oct. 23; Serial No. 153,101; published July 24, 1923.
Eggs, Fresh. Poultry Producers of Southern California, Inc. 167,130; Apr. 24; Serial No. 158,723; published Nov. 7, 1922.
Eggs, Fresh. S. J. Schenk. 174,137; Oct. 2.
Eggs, mixed whole eggs, egg yolks, and egg whites, in liquid and frozen form, Fresh. Titman Egg Company. 167,195; Apr. 24; Serial No. 162,467; published Dec. 12, 1922.
Eggs, Powder for making scrambled. National Egg Products Company. 166,440; Apr. 3; Serial No. 166,897; published Jan. 16, 1922.
Eggs, young chicks, live and dressed poultry, pullets, etc. Queensbury Farms. 167,236; Apr. 24; Serial No. 159,615; published Jan. 30, 1923.
Extracts and essence of peppermint flavor, Lemon and vanilla. Foley & Company. 171,598; Aug. 7; Serial No. 176,262; published May 22, 1923.
Extracts and flavorings for food purposes. Davies, Rose & Co. 168,601; May 29; Serial No. 168,456; published Mar. 6, 1923.
Extracts and flavorings for food purposes. Davies, Rose & Co. 174,746; Oct. 23; Serial No. 168,517; published July 24, 1923.
Extracts, Flavoring. C. C. Foster. 170,945; July 24; Serial No. 168,027; published Mar. 20, 1923.
Extracts for food, Flavoring. Hudson Manufacturing Company. 177,703; Dec. 25; Serial No. 165,493; published July 3, 1923.
Fats and oils, Eatable. De Nordiske Fabriker, De. No. Fa. Aktieselskap. 164,795; Feb. 27.
Feed. Tioga Mill & Elevator Co. 176,341; Nov. 20.
Feed and meal, Hog. United Chemical and Organic Products Co. 177,398; Dec. 18; Serial No. 182,191; published Oct. 2, 1923.
Feed and rations, Dairy. Kasco Mills, Inc. 172,944; Sept. 11; Serial No. 158,872; published June 5, 1923.
Feed and wheat flour, Stock, dairy, poultry, etc. Whyte Commission Company. 170,813; July 24; Serial No 169,107; published Mar. 27, 1923.
Feed, calf meal, egg mash, etc., Poultry, scratch, chicken hog, dairy, and horse. Thomas-Boyce Direct Feed Company. 172,749; Sept. 11; Serial No. 165,895; published May 1, 1923.
Feed, Cattle. Eastern States Farmers' Exchange. 177,379; Dec. 18; Serial No. 182,142; published Oct. 2, 1923.
Feed, Cattle, etc. A. T. Peters. 176,506; Nov. 27; Serial No. 161,200; published July 31, 1923.
Feed, Chick tonic. V. C. Getz. 177,215; Dec. 11; Serial No. 177,293; published Sept. 18, 1923.
Feed, Chicken. Ryde & Company. 176,620; Nov. 27; Serial No. 174,489; published July 24, 1923.
Feed, Dairy. Albert Dickinson Company. 172,812; Sept. 11; Serial No. 175,074; published June 5, 1923.
Feed, Dairy. American Milling Company. 170,851; July 24; Serial No. 163,848; published Apr. 3, 1923.
Feed, Dairy. Gulfport Grocery Company. 165,423; Mar. 6; Serial No. 155,960; published Nov. 14, 1922.
Feed, Dairy. Ralston Purina Company. 167,415; May 1; Serial No. 168,787; published Jan. 16, 1923.
Feed, Dairy and cattle. Larrowe Milling Company. 171,032; July 31; Serial No. 159,587; published Apr. 3, 1923.
Feed, Dairy and cattle. Larrowe Milling Company. 171,135–6; July 31; Serial Nos. 159,588–9; published Apr. 3, 1923.
Feed, Dairy and stock. Commercial Solvents Corporation. 167,393; May 1; Serial No. 164,156; published Dec. 19, 1922.
Feed, egg mash, and chicken and cattle fattener, Horse, hen, etc. Grain Belt Mills Company. 172,513; Sept. 4; Serial No. 172,154; published May 1, 1923.
Feed for animals, Mixed. Buckeye Cotton Oil Company. 165,141; Mar. 6; Serial No. 149,677; published Nov. 7, 1922.
Feed for animals, Prepared. Arcady Farms Milling Company. 171,029; July 31; Serial No. 160,847; published Mar. 27, 1923.
Feed for chickens. Merchants Supply Company. 167,211; Apr. 24; Serial No. 165,088; published Dec. 19, 1922.
Feed for horses, cattle, hogs, and chickens. Mountain City Mill Company. 171,031; July 31; Serial No. 160,419; published Mar. 27, 1923.
Feed for poultry, Scratch. Lawrenceburg Roller Mills Co. 172,981; Sept. 11; Serial No. 174,314; published June 5, 1923.
Feed, Horse. Omaha Alfalfa Milling Company. 165,425; Mar. 6; Serial No. 156,107; published Oct. 17, 1922.
Feed, Horse. Quaker Oats Company. 172,983; Sept. 11; Serial No. 174,104; published June 5, 1923.
Feed, Horse. Quaker Oats Company. 173,029; Sept. 11; Serial No. 174,103; published June 5, 1923.
Feed, Horse and cattle. Pease & Dwyer Co. 165,271; Mar. 6; Serial No. 159,051; published Oct. 17, 1922.
Feed, Horse and mule. Golden Grain Milling Company. 165,378; Mar. 6; Serial No. 160,187; published Nov. 7, 1922.
Feed, Horse and mule. Josey-Miller Company. 176,179; Nov. 20; Serial No. 176,680; published Aug. 28, 1923.
Feed, Horse and mule. Nowak Milling Corporation. 170,904; July 24; Serial No. 170,780; published Mar. 13, 1923.
Feed, Horse and mule. Sturges Company. 172,743; Sept. 11; Serial No. 168,079; published May 1, 1923.
Feed, Horse, hog, fowl, and dairy. Allfeed Milling Company. 165,424; Mar. 6; Serial No. 156,043; published Nov. 7, 1922.
Feed. Live-stock. Southern Oil & Feed Mills. Inc. 167,959; May 8.
Feed, Mixed. Gread West Mill & Elevator Co., 167,552; May 1; Serial No. 165,680; published Dec. 12, 1922.
Feed, Mixed. Pillsbury Flour Mills Company. 167,310; Apr. 24.
Feed. Mixed grade of mill. Midland Flour Milling Co. 170,814; July 24; Serial No. 169,369; published Feb. 27, 1923.
Feed, Mixed horse and mule. Golden Grain Milling Company. 167,238; Apr. 24; Serial No. 159,462; published Jan. 30, 1923.
Feed, Mixed stock. Quaker Oats Company. 173,028; Sept. 11; Serial No. 174,101; published June 5, 1923.
Feed, Oxen. Sturges Company. 167,888; May 8; Serial No. 168,076; published Feb. 6, 1923.
Feed, Poultry. Ansted & Burk Co. 172,471; Aug. 28; Serial No. 171,783; published May 8, 1923.
Feed, Poultry. Black Bros. Flour Mills. 173,128; Sept. 18; Serial No. 172,792; published June 5, 1923.
Feed, Poultry. Albert Dickinson Company. 172,965; Sept. 11; Serial No. 175,073; published June 5, 1923.
Feed, Poultry. Omaha Alfalfa Milling Company. 165,273; Mar. 6; Serial No. 158,833; published Nov. 7, 1922.
Feed, Poultry. Quaker Oats Company. 172,671; Sept. 11; Serial No. 174,106; published May 15, 1923.
Feed, Poultry. Quaker Oats Company. 172,760; Sept. 11; Serial No. 174,921; published June 5, 1923.
Feed, Poultry. Quaker Oats Company. 176,488; Nov. 27; Serial No. 174,922; published Aug. 21, 1923.

Feed, Poultry. Quisenberry Feed Mfg. Co. 167,189; Apr. 24; Serial No. 158,145; published Jan. 2, 1923.
Feed, Poultry. Quisenberry Feed Mfg. Co. 167,190; Apr. 24; Serial No. 158,144; published Nov. 7, 1922.
Feed, Poultry. Quisenberry Feed Mfg. Co. 167,191; Apr. 24; Serial No. 158,145; published Jan. 2, 1923.
Feed, Poultry. Ralston Purina Company. 172,437; Aug. 28; Serial No. 173,722; published May 8, 1923.
Feed, Poultry. Southern Oil & Feel Mills, Inc. 170,996; July 24.
Feed, Poultry. Taylor Bros. 177,289; Dec. 11.
Feed, Poultry. Tioga Mill & Elevator Co. 172,434; Aug. 28; Serial No. 173,687; published May 8, 1923.
Feed, Poultry. Wonderlay Milling Company. 176,958; Dec. 11; Serial No. 177,343; published Sept. 25, 1923.
Feed, Poultry and stock. Nickel Plate Elevator Company. 177,000; Dec. 11; Serial No. 181,086; published Sept. 25, 1923.
Feed, poultry mash, chick feed, poultry and horse feed, etc., Scratch. Carolina Milling Company. 165,092; Mar. 6; Serial No. 155,048; published Nov. 7, 1922.
Feed, Prepared stock. Arcady Farms Milling Company. 176,844; Dec. 4; Serial No. 178,205; published Aug. 21, 1923.
Feed, Scratch. Lawrenceburg Roller Mills Co. 167,193; Apr. 24; Serial No. 162,423; published Dec. 12, 1922.
Feed, Scratch, dairy, hog, horse, and mule. J. M. Wilson. 171,754; Aug. 14; Serial No. 163,301; published Mar. 27, 1923.
Feed, shorts, and corn meal, Wheat. Cape County Milling Co. 176,591; Nov. 27; Serial No. 179,182; published Sept. 18, 1923.
Feed, Stock. Alfocorn Milling Company. 176,582; Nov. 27; Serial No. 177,811; published Aug. 21, 1923.
Feed, Stock. J. Allen Smith & Company. 171,011; July 31; Serial No. 169,089; published Mar. 27, 1923.
Feed, Stock. I. S. Joseph Company. 176,595; Nov. 27; Serial No. 179,151; published Sept. 11, 1923.
Feed, Stock. Modern Flour Mills. 167,022; Apr. 24; Serial No. 162,128; published Dec. 12, 1922.
Feed, Stock. Quaker Oats Company. 173,030; Sept. 11; Serial No. 174,105; published June 5, 1923.
Feed, Stock. Ryde & Company. 176,619; Nov. 27; Serial No. 174,490; published July 24, 1923.
Feed, Stock. Ubiko Milling Company. 176,640; Nov. 27; Serial No. 165,900; published Aug. 21, 1923.
Feed, Stock. Whyte Commission Company. 171,012; July 31; Serial No. 169,108; published Mar. 27, 1923.
Feed, Stock and poultry. Case-Teel Company. 176,618; Nov. 27; Serial No. 174,509; published July 31, 1923.
Feed, Stock and poultry. Miller-McConnel Grain Co. 170,870; July 24; Serial No. 166,465; published Mar. 20, 1923.
Feed, Stock and poultry. Omaha Alfalfa Milling Company. 170,942; July 24; Serial No. 168,429; published Mar. 20, 1923.
Feed, Stock and poultry. M. C. Peters Mill Co. 167,278; Apr. 24; Serial No. 149,929; published Jan. 30, 1923.
Feed, Stock and poultry. United Alfalfa Co. 172,618–19; Sept. 11; Serial Nos. 162,783–4; published June 5, 1923.
Feed, Stock, dairy, and poultry. Whyte Commission Company. 170,939; July 24; Serial No. 169,110; published Mar. 20, 1923.
Feed, Stock, dairy, and poultry. Whyte Commission Company. 171,013; July 31; Serial No. 169,109; published Mar. 20, 1923.
Feeds. H-O Cereal Company. 165,630; Mar. 13.
Feeds. J. M. Wilson. 173,492; Sept. 25; Serial No. 175,536; published June 19, 1923.
Feeds. J. M. Wilson. 176,600; Nov. 27; Serial No. 178,649; published Sept. 11, 1923.
Feeds and mash, Poultry. American Hominy Company. 177,195; Dec. 11; Serial No. 178,489; published Sept. 18, 1923.
Feeds, Animal. Lake Shore Elevator Company. 176,960; Dec. 11; Serial No. 177,562; published Sept. 18, 1923.
Feeds, Bird and poultry. H-O Cereal Company. 163,676; Jan. 23.
Feeds, Bird and poultry. H-O Cereal Company. 167,385; May 1; Serial No. 164,643; published Jan. 30, 1923.
Feeds, Dairy and scratch. Sugarine Company Incorporated. 163,630–1; Jan. 23.
Feeds, Dairy, scratch, horse and mule, and hog. J. M. Wilson. 165,381; Mar. 6; Serial No. 159,906; published Nov. 7, 1922.
Feeds, Farinaceous stock. Quaker Oats Company. 177,066; Dec. 11; Serial No. 174,918; published Sept. 4, 1923.
Feeds, Horse, mule, cow, etc. Sturges Company. 167,889; May 8; Serial No. 168,077; published Feb. 6, 1923.
Feeds, Horse, poultry, hog, and dairy. G. F. Obrecht. 176,754; Nov. 27; Serial No. 175,405; published Aug. 7, 1923.
Feeds, Livestock. C. R. Mabee. 176,501; Nov. 27; Serial No. 173,971; published Aug. 21, 1923.
Feeds, Poultry. H-O Cereal Company. 170,855; July 24; Serial No. 168,968; published Mar. 20, 1923.
Feeds, Poultry. M. C. Peters Mill Co. 176,577; Nov. 27; Serial No. 177,993; published Aug. 21, 1923.
Feeds, Poultry. M. C. Peters Mill Co. 177,188; Dec. 11; Serial No. 177,991; published Aug. 21, 1923.
Feeds, Poultry. George Urban Milling Company 176,450; Nov. 27; Serial No. 177,336; published Aug. 21, 1923.
Feeds, Poultry and stock. M. C. Peters Mill Co. 174,133; Oct. 2.
Feeds, Scratch, calf, dairy, horse, etc. R. E. Jones Company. 167,277; Apr. 24; Serial No. 150,361; published Dec. 26, 1922.
Feeds, Stock. Quaker Oats Company. 176,736; Nov. 27; Serial No. 173,982; published July 24, 1923.
Feeds, Stock. Quaker Oats Company. 177,065; Dec. 11. Serial No. 174,917; published Aug. 7, 1923.
Feeds, Stock and poultry. American Linseed Company. 165,099; Mar. 6; Serial No. 161,477; published Nov. 28, 1922.
Feeds, Stock, cattle, bird, and poultry. H-O Cereal Company. 166,284; Mar. 27.
Feeds, Stock, poultry, and chick. Ballard & Ballard Company. 167,147; Apr. 24; Serial No. 156,074; published Dec. 26, 1922.
Feeds, wheat and Graham flours, etc., Livestock and poultry. Nicholls-Loomis Co. 176,326; Nov. 20; Serial No. 154,990; published Sept. 12, 1922.
Feeders, individual hog houses, and chicken coops, Self-. Adix Manufacturing Company. 167,675; May 8; Serial No. 139,705; published Dec. 26, 1922.
Figs. Fig-Bit Company. 163,317; Jan. 9.
Figs, dried fruits, and nuts. Bennett Day Importing Company. 165,764; Mar. 20; Serial No. 161,029; published Jan. 2, 1923.
Figs, Fresh. Van Dyk and Reeves, Inc. 164,051; Feb. 13.
Figs, Preserved. Beckwith Co. 166,420; Apr. 3; Serial No. 166,420; Apr. 3; Serial No. 164,861; published Jan. 9, 1923.
Figs, Stuffed. W. C. Cook & Co. 176,524; Nov. 27; Serial No. 183,053; published Sept. 18, 1923.
Fish and oysters, Fresh. Easter Fish Company. 173,146; Sept. 18; Serial No. 177,900; published June 12, 1923.
Fish cakes. Gorton-Pew Fisheries Company. 169,562; June 19.
Fish cakes. Gorton-Pew Fisheries Company. 174,518; Oct. 16; Serial No. 177,909; published July 24, 1923.
Fish cakes. William Underwood Company. 169,550; June 19.
Fish cakes and canned fish. M. Kumamoto. 173,381; Sept. 25; Serial No. 175,015; published July 3, 1923.
Fish flakes, codfish cakes, clams, etc. Burnham & Morrill Company. 173,016; Sept. 11; Serial No. 173,399; published June 5, 1923.
Fish food for aquariums. J. O. Johnson. 164,119; Feb. 13.
Fish, Frozen. P. W. Petersen. 171,315; Aug. 7; Serial No. 167,421; published May 1, 1923.
Fish, macaroni, tomatoes, etc., Tunny. Savoy Importing Co. 168,099; May 15; Serial No. 163,712; published Feb. 27, 1923.
Fish, meat, and salad sauces and dressings. E. Boissonade. 165,886–8; Mar. 20.
Fish, Preserved. John Pew & Son. 22,908; renewed May 2, 1923.
Fish, Smoked. Fulton Smoked Fish Co. 171,592; Aug. 7; Serial No. 176,117; published May 22, 1923.
Fish which have been subjected to a pickling solution, Fresh. Whitman, Ward & Lee Co. 175,856; Nov. 13; Serial No. 176,147; published July 17, 1923.
Flavoring compound. B. Heller & Company. 171,578–80; Aug. 7; Serial Nos. 172,377–9; published May 22, 1923.
Flavoring compound, Artificial-vanilla. C. A. Bell. 172,858; Sept. 11; Serial No. 169,148; published June 5, 1923.
Flavoring extract. Southern Beverage Company. 168,704; May 29; Serial No. 163,949; published Mar. 6, 1923.
Flavoring extract for foods. Florasynth Laboratories. 177,204; Dec. 11; Serial No. 179,191; published Sept. 25, 1923.
Flavoring extracts and jellies, Food-. Garrett and Co. 175,610; Nov. 6; Serial No. 172,644; published Aug. 14, 1923.
Flavoring extracts and table sirups, Food. Bickford Laboratories Company. 177,607; Dec. 18.
Flavoring extracts, crushed and canned fruits, Food-. S. E. Shaffner Co. 171,453; Aug. 7; Serial No. 168,807; published May 15, 1923.
Flavoring extracts, Food-. Acme Flavoring Co. 166,477; Apr. 3; Serial No. 166,969; published Jan. 16, 1923.
Flavoring extracts, Food-. Foote & Jenks. 168,389; May 22; Serial No. 169,850; published Feb. 27, 1923.
Flavoring extracts, Food-. Julius Marcus Company. 171,263; July 31; Serial No. 169,313; published May 1, 1923.
Flavoring extracts, Food-. F. T. Morrissey. 175,392; Nov. 6; Serial No. 158,534; published Aug. 21, 1923.
Flavoring extracts, Food-. W. F. Peacock. 168,471; May 22; Serial No. 167,735; published Feb. 27, 1923.
Flavoring extracts, spices, celery seed, etc. A. G. Fenton. 177,577; Dec. 18; Serial No. 177,966; published Oct. 2, 1923.
Flavoring preparation for food products. Francis H. Leggett & Company. 170,164; July 10; Serial No. 169,859; published Apr. 3, 1923.

Classified list of trade-marks registered—Continued.

Flavorings and extracts. Arthur L. Leech Co. 169,892; July 3; Serial No. 160,889; published Apr. 3, 1923.
Flavorings and spices, Food. B. Heller & Company. 171,334; Aug. 7; Serial No. 172,530; published May 22, 1923.
Flavors and flavoring extracts. McCormick & Co., Incorporated. 164,946; Feb. 27.
Flavors for food, marshmallow topping, etc. United Confectioners Supply Co. 171,446; Aug. 7; Serial No. 158,906; published May 8, 1923.
Flour. George E. Keller Laboratories. 167,076; Apr. 24; Serial No. 156,495; published Feb. 6, 1923.
Flour. Maltana Company. 177,016; Dec. 11; Serial No. 164,253; published Sept. 25, 1923.
Flour. C. O. Sandefur. 177,059; Dec. 11; Serial No. 180,302; published Sept. 25, 1923.
Flour. J. Allen Smith & Company. 175,686; Nov. 6.
Flour. United States Flour Mills Company. 170,866; July 24; Serial No. 167,436; published Mar. 20, 1923.
Flour. Wolf Milling Company. 176,339; Nov. 20.
Flour and breakfast cereal. H-O Cereal Company. 170,697; July 24; Serial No. 155,560; published Mar. 20, 1923.
Flour and corn meal. Fairchild Milling Company. 170,972; July 24.
Flour and corn meal, wheat and Graham. Boonville Mills Company. 170,845; July 24; Serial No. 162,912; published Mar. 20, 1923.
Flour and corn meal, Wheat, graham, and buckwheat. A. T. Kelsey. 172,492; Aug. 28.
Flour and stock feeds. Quaker Oats Company. 176,737; Nov. 27; Serial No. 174,102; published July 31, 1923.
Flour, animal and poultry feeds, cake flour, etc., Pancake. Schreiber Flour & Cereal Co. 165,970; Mar. 27; Serial No. 159,890; published Nov. 7, 1922.
Flour, canned fruits, vegetables, etc., Wheat. L. Klein, Inc. 177,561; Dec. 18; Serial No. 174,310; published Sept. 18, 1923.
Flour compound for making cake, Self-shortened prepared. National Flour Products Company. 165,115; Mar. 6; Serial No. 132,655; published Nov. 7, 1922.
Flour, Corn. P. G. Garza. 167,210; Apr. 24; Serial No. 165,078; published Jan. 30, 1923.
Flour, corn meal, and bread, wheat and rye. Nature's Own Food Co. 177,038; Dec. 11; Serial No. 158,090; published Sept. 25, 1923.
Flour, corn meal, and wheat feed, Wheat and Graham. Dixie Mills. 176,856; Dec. 4; Serial No. 173,741; published Sept. 11, 1923.
Flour, Fancy patent hard-wheat. William H. Oldach, Inc. 173,239; Sept. 18; Serial No. 163,232; published Apr. 3, 1923.
Flour, Graham whole-wheat. Wm. Pollock Milling & Elevator Co. 166,983; Apr. 17.
Flour, Hard-wheat. Arnold-Madaus Milling Co. 166,144; Mar. 27; Serial No. 157,245; published Nov. 7, 1922.
Flour, Hard-wheat. Wells-Abbott-Nieman Co. 176,734; Nov. 27; Serial No. 173,946; published July 24, 1923.
Flour, Hard-wheat, soft-wheat, and self-rising. United States Flour Mills Company. 170,865; July 24; Serial No. 167,437; published Mar. 20, 1923.
Flour, hominy feed, and grits, Wheat. Chas. Broeker & Co. 176,837; Dec. 4; Serial No. 179,179; published Sept. 11, 1923.
Flour improvers. De Bruyn, Limited. 176,694; Nov. 27; Serial No. 158,705; published Aug. 7, 1923.
Flour made from cereals, Wheat. J. W. Russell. 170,849; July 24; Serial No. 164,116; published Mar. 20, 1923.
Flour made from wheat. Pillsbury Flour Mills Company. 175,706; Nov. 6.
Flour, meal, farina, etc. Naamlooze Vennootschap Industrieele Maatschappij v/h Noury Van Der Lande. 177,011; Dec. 11; Serial No. 157,846; published Sept. 25, 1923.
Flour, oleomargarine, tapioca, etc., wheat. Northern Jobbing Company. 177,098; Dec. 11; Serial No. 171,034; published Sept. 25, 1923.
Flour, Pancake and buckwheat. Hite Brothers. 177,124; Dec. 11; Serial No. 181,342; published Sept. 25, 1923.
Flour, Pastry. J. Moskowitz. 177,218; Dec. 11; Serial No. 176,416; published Sept. 18, 1923.
Flour, Pastry. Neal Manufacturing Co. 172,535; Sept. 4; Serial No. 174,022; published May 15, 1923.
Flour, Prepared. Ballard & Ballard Company. 171,034; July 31; Serial No. 159,081; published Mar. 27, 1923.
Flour, Prepared cake. Mills Brothers Company. 163,974; Feb. 6.
Flour, Prepared pastry. Flako Products Corporation. 167,558; May 1; Serial No. 165,440; published Dec. 12, 1922.
Flour, Prepared wheat. Ballard & Ballard Company. 170,884; July 24; Serial No. 159,079; published Mar. 20, 1923.
Flour, rolled oats, etc., Wheat. Quaker Oats Company. 176,851; Dec. 4; Serial No. 174,919; published Sept. 11, 1923.
Flour, Self-rising. American Hominy Company. 172,435; Aug. 28; Serial No. 173,391; published May 8, 1923.
Flour, Self-rising. Atlanta Milling Co. 172,738; Sept. 11; Serial No. 169,345; published Feb. 27.
Flour, Self-rising. Ballard & Ballard Company. 170,882; July 24; Serial No. 157,295; published Mar. 20, 1923.
Flour, Self-rising. Ballard & Ballard Company. 172,625; Sept. 11; Serial No. 159,078; published June 5, 1923.
Flour, Self-rising. Cape County Milling Company. 165,290; Mar. 6; Serial No. 152,313; published Nov. 14, 1922.
Flour, Self-rising. Cotton Brothers Company. 165,127; Mar. 6; Serial No. 160,583; published Nov. 14, 1922.
Flour, Self-rising. Dunlop Milling Co. 165,129; Mar. 6; Serial No. 160,594; published Nov. 14, 1922.
Flour, Self-rising. Federal Mill & Elevator Co. 167,382; May 1; Serial No. 166,056; published Jan. 9, 1923.
Flour, Self-rising. Ford Flour Company. 175,700; Nov. 6.
Flour, Self-rising. Lawrenceburg Roller Mills Co. 172,467–8; Aug. 28; Serial Nos. 170,772–3; published May 8, 1923.
Flour, Self-rising. Lawrenceburg Roller Mills Co. 172,601; Sept. 11; Serial No. 170,771; published June 5, 1923.
Flour, Self-rising. Nashville Roller Mills. 165,124; Mar. 6; Serial No. 161,059; published Nov. 14, 1922.
Flour, Self-rising. Noblesville Milling Co. 168,897; May 29; Serial No. 167,731; published Jan. 30, 1923.
Flour, Self-rising. Noblesville Milling Co. 173,235–6; Sept. 18; Serial Nos. 166,566–7; published Mar. 20, 1923.
Flour, Self-rising. N. Sauer Milling Company. 165,281; Mar. 6; Serial No. 153,788; published Nov. 7, 1922.
Flour, Self-rising. Sauers Milling Company. 170,891; July 24; Serial No. 160,210; published Mar. 20, 1923.
Flour, Self-rising. J. Allen Smith & Co. 173,491; Sept. 25; Serial No. 175,527; published June 19, 1923.
Flour, Self-rising. South Georgia Produce Company. 175,428–9; Nov. 6; Serial Nos. 171,966–7; published Mar. 20, 1923.
Flour, Self-rising. Sprague Roller Mills. 170,719; Nov. 27; Serial No. 170,734; published July 24, 1923.
Flour, Self-rising. J. I. Triplett. 167,134; Apr. 24; Serial No. 157,455; published Dec. 19, 1922.
Flour, Self-rising biscuit. Piedmont Mills, Inc. 165,951; Mar. 27; Serial No. 135,167; published Nov. 7, 1922.
Flour, Self-rising wheat. Ballard & Ballard Co. 170,705; July 24; Serial No. 154,075; published Mar. 20, 1923.
Flour, Self-rising wheat. Ballard & Ballard Company. 170,883; July 24; Serial No. 159,080; published Mar. 20, 1923.
Flour, Self-rising wheat. Ballard & Ballard Co. 172,473; Aug. 28; Serial No. 172,719; published May 8, 1923.
Flour, Self-rising wheat. City Mills Company. 166,146; Mar. 27; Serial No. 157,210; published Nov. 14, 1922.
Flour, Self-rising wheat. Cumberland & Liberty Mills Co. 165,102; Mar. 6; Serial No. 160,870; published Nov. 14, 1922.
Flour, Self-rising wheat. Dry Fork Milling Co. 165,401; Mar. 6; Serial No. 156,266; published Oct. 17, 1922.
Flour, Self-rising wheat. Ford Flour Company. 176,955; Dec. 11; Serial No. 177,081; published Sept. 4, 1923.
Flour, Self-rising wheat. Hattiesburg Grocery Co. 177,219; Dec. 11; Serial No. 176,827; published Sept. 18, 1923.
Flour, Self-rising wheat. Majestic Milling Co. 167,339; May 1; Serial No. 163,103; published Dec. 19, 1922.
Flour, Self-rising wheat. Model Mill Company. 176,846; Dec. 4; Serial No. 175,803; published Aug. 21, 1923.
Flour, Self-rising wheat. Morrow Milling Company. 163,603; Jan. 23.
Flour, Self-rising wheat. Ph. H. Postel Milling Co. 167,020; Apr. 24; Serial No. 162,134; published Dec. 12, 1922.
Flour, Self-rising wheat. Sauers Milling Company. 167,009; Apr. 17.
Flour, Self-rising wheat. G. B. R. Smith Milling Company. 163,251; Jan. 2.
Flour, Self-rising wheat. Trenton Milling Company. 177,737; Dec. 25; Serial No. 182,729; published Oct. 2, 1923.
Flour, Self-rising wheat. S. R. Yantis Milling Co., 167,416; May 1; Serial No. 169,041; published Jan. 16, 1923.
Flour, Self-rising wheat. S. R. Yantis Milling Co. 170,811; July 24; Serial No. 169,042; published Mar. 20, 1923.
Flour, Wheat. Abilene Flour Mills Co. 172,596; Sept. 11; Serial No. 171,780; published June 5, 1923.
Flour, Wheat. Accas Brothers. 170,936; July 24; Serial No. 169,470; published Feb. 27, 1923.
Flour, Wheat. Accas Brothers. 170,964; July 24.
Flour, Wheat. M. Ainsa & Sons. 173,642; Oct. 2; Serial No. 157,908; Oct. 10, 1922.
Flour, Wheat. Albers Bros. Milling Co. 167,100; Apr. 24; Serial No. 168,744; published Jan. 23, 1923.
Flour, Wheat. Albers Bros. Milling Co. 167,118; Apr. 24; Serial No. 164,853; published Dec. 19, 1922.
Flour, Wheat. American Dealers Trading Corporation. 172,986; Sept. 11; Serial No. 173,990; published June 5, 1923.
Flour, Wheat. Astoria Flouring Mills Company. 176,847; Dec. 4; Serial No. 176,591; published Sept. 11, 1923.
Flour, Wheat. Atlanta Milling Company. 167,434; May 1; Serial No. 163,250; published Dec. 19, 1923.
Flour, Wheat. Aunt Jemima Mills Company. 167,394; May 1; Serial No. 164,090; published Dec. 19, 1922.

Flour, Wheat. Ballard and Ballard Company. 172,626; Sept. 11; Serial No. 156,434; published June 5, 1923.
Flour, Wheat. Bay State Milling Co. 176,489; Nov. 27; Serial No. 175,061; published Aug. 21, 1923.
Flour, Wheat. Bernet, Craft and Kauffman Milling Company. 167,144; Apr. 24; Serial No. 156,516; published Feb. 6, 1923.
Flour, Wheat. Bernet, Craft & Kauffman Milling Co. 167,479; May 1; Serial No. 163,032; published Dec. 19, 1922.
Flour, Wheat. Bill, Bell & Co. 176,967; Dec. 11; Serial No. 179,178; published Sept. 25, 1923.
Flour, Wheat. J. S. Black. 170,812; July 24; Serial No. 169,048; published Mar. 27, 1923.
Flour, Wheat. Black Bros. Flour Mills. 169,382; June 12; Serial No. 171,609; published May 1, 1923.
Flour, Wheat. Black Bros. Flour Mills. 172,445; Aug. 28; Serial No. 171,609; published May 1, 1923.
Flour, Wheat. Black Bros. Flour Mills. 172,824; Sept. 11; Serial No. 167,703; published June 5, 1923.
Flour, Wheat. Black Bros. Flour Mills. 177,497; Dec. 18; Serial No. 182,396; published Oct. 2, 1923.
Flour, Wheat. Boonville Mills Company. 167,184; Apr. 24; Serial No. 162,911; published Dec. 12, 1922.
Flour, Wheat. Martin Boyd & Co. 176,567; Nov. 27; Serial No. 178,589; published Sept. 18, 1923.
Flour, Wheat. Cadick Milling Company. 172,491; Aug. 28.
Flour, Wheat. J. B. Camors & Company. 166,716; Apr. 10; Serial No. 155,160; published Aug. 1, 1922.
Flour, Wheat. Cannon Valley Milling Company. 177,036; Dec. 11; Serial No. 159,142; published Mar. 20, 1923.
Flour, Wheat. E. A. Clark & Company. 167,281; Apr. 24; Serial No. 135,038; published Dec. 26, 1922.
Flour, Wheat. Colorado Milling & Elevator Co. 167,200; Apr. 24; Serial No. 162,609; published Dec. 12, 1922.
Flour, Wheat. Colorado Milling & Elevator Co. 167,267; Apr. 24; Serial No. 152,784; published Dec. 26, 1922.
Flour, Wheat. Colorado Milling & Elevator Co. 170,844; July 24; Serial No. 163,258; published Mar. 27, 1923.
Flour, Wheat. Colorado Milling & Elevator Co. 173,490; Sept. 25; Serial No. 175,470; published June 19, 1923.
Flour, Wheat. Commander Mill Co., 177,216; Dec. 11; Serial No. 176,251; published Sept. 18, 1923.
Flour, Wheat. Graham Mill & Elevator Co. 171,033; July 31; Serial No. 159,311; published Mar. 27, 1923.
Flour, Wheat. J. W. Denio Milling Company. 172,636; Sept. 11; Serial No. 164,025; published May 1, 1923.
Flour, Wheat. J. W. Denio Milling Company. 172,934; Sept. 11; Serial No. 164,024; published June 5, 1923.
Flour, Wheat. Dunlop Milling Co. 165,128; Mar. 6; Serial No. 160,593; published Nov. 14, 1922.
Flour, Wheat. Dunlop Milling Co. 165,130; Mar. 6; Serial No. 160,595; published Nov. 14, 1922.
Flour, Wheat. Dunlop Milling Co. 167,062; Apr. 24; Serial No. 160,051; published Dec. 26, 1922.
Flour, Wheat. Dunlop Milling Co. 172,936; Sept. 11; Serial No. 162,808; published June 5, 1923.
Flour, Wheat. Earle-McGavock Milling Company. 166,121; Mar. 27; Serial No. 152,792; published Nov. 7, 1922.
Flour, Wheat. Federal Mill & Elevator Co. 163,572; Jan. 23.
Flour, Wheat. Federal Mill & Elevator Co. 165,084; Mar. 6; Serial No. 158,471; published Oct. 17, 1922.
Flour, Wheat. Federal Mill & Elevator Co. 167,029; Apr. 24; Serial No. 161,680; published Dec. 12, 1922.
Flour, Wheat. Ford Flour Company. 165,646; Mar. 13.
Flour, Wheat. Ford Flour Company. 175,677; Nov. 6.
Flour, Wheat. Ford Flour Company. 177,210; Dec. 11; Serial No. 177,601; published Sept. 18, 1923.
Flour, Wheat. Frontier Elevator & Mill Company. 165,374; Mar. 6; Serial No. 160,339; published Nov. 14, 1922.
Flour, Wheat. Frontier Elevator & Mill Co. 177,052; Dec. 11; Serial No. 180,276; published Sept. 25, 1923.
Flour, Wheat. Galban, Lobo Co., S. A. 166,984; Apr. 17.
Flour, Wheat. Globe Grain & Milling Co. 167,124–5; Apr. 24; Serial Nos. 165,369–70; published Dec. 12, 1922.
Flour, Wheat. Goerz Flour Mills Co. 163,577; Jan. 23.
Flour, Wheat. Goerz Flour Mills Co. 176,191; Nov. 20; Serial No. 152,796; published July 17, 1923.
Flour, Wheat. P. N. Gray & Company. 177,113; Dec. 11; Serial No. 174,735; published Sept. 18, 1923.
Flour, Wheat. Hanson Milling Company. 170,839; July 24; Serial No. 161,881; published Apr. 3, 1923.
Flour, Wheat. Hardeman-King Co. 165,288; Mar. 6; Serial No. 152,370; published Nov. 7, 1922.
Flour, Wheat. Harrison & Co. 176,516; Nov. 27; Serial No. 166,371; published July 31, 1923.
Flour, Wheat. Harrison & Co. 176,517; Nov. 27; Serial No. 166,672; published July 31, 1923.
Flour, Wheat. Harrison & Co. 176,521; Nov. 27; Serial No. 166,673; published July 31, 1923.
Flour, Wheat. D. Hecht. 172,750; Sept. 11; Serial No. 165,871; published May 1, 1923.
Flour, Wheat. Hecker-Jones-Jewell Milling Company. 165,081; Mar. 6; Serial No. 158,678; published Oct. 17, 1922.
Flour, Wheat. Hecker-Jones-Jewell Milling Company. 172,756; Sept. 11; Serial No. 175,241; published June 5, 1923.
Flour, Wheat. Hecker-Jones-Jewell Milling Company. 177,530; Dec. 18; Serial No. 182,807; published Oct. 2, 1923.
Flour, Wheat. Hecker-Jones-Jewell Milling Company. 177,721–2; Dec. 25; Serial Nos. 182,805–6; published Oct. 2, 1923.
Flour, Wheat. Hecker-Jones-Jewell Milling Company. 177,723; Dec. 25; Serial No. 182,808; published Oct. 2, 1923.
Flour, Wheat. S. W. Hershey. 168,187; May 15; Serial No. 168,967; published Feb. 6, 1923.
Flour, Wheat. Highland Milling Company. 177,572; Dec. 18; Serial No. 177,740; published Oct. 2, 1923.
Flour, Wheat. Holland O'Neal Milling Co. 167,140; Apr. 24; Serial No. 156,899; published Dec. 26, 1922.
Flour, Wheat. Holland O'Neal Milling Co. 172,757; Sept. 11; Serial No. 175,102; published June 5, 1923.
Flour, Wheat. Houston Mill & Elevator Co. 164,991; Feb. 27.
Flour, Wheat. Imperial Flour Mills Company. 166,135; Mar. 27; Serial No. 144,396; published Nov. 7, 1922.
Flour, Wheat. International Milling Company. 176,578; Nov. 27; Serial No. 178,044; published Aug. 21, 1923.
Flour, Wheat. Ismert-Hincke Milling Company. 163,585; Jan. 23.
Flour, Wheat. Ismert-Hincke Milling Company. 165,077; Mar. 6; Serial No. 159,266; published Oct. 17, 1922.
Flour, Wheat. Ismert-Hincke Milling Company. 167,146; Apr. 24; Serial No. 156,161; published Jan. 30, 1923.
Flour, Wheat. R. D. Johnson Milling Company of Allegany County. 164,083; Feb. 13.
Flour, Wheat. G. M. Jordan. 175,245; Oct. 30.
Flour, Wheat. Kehlor Flour Mills Company. 172,447; Aug. 28; Serial No. 171,927; published May 1, 1923.
Flour, Wheat. Kehlor Flour Mills Company. 177,496; Dec. 18; Serial No. 182,419; published Oct. 2, 1923.
Flour, Wheat. Keystone Flour Company. 167,219; Apr. 24; Serial No. 163,336; published Jan. 30, 1923.
Flour, Wheat. M. D. King Milling Company. 176,743–4; Nov. 27; Serial Nos. 176,192–3; published Aug. 14, 1923.
Flour, Wheat. Larabee Flour Mills Corporation. 170,807; July 24; Serial No. 171,502; published Mar. 13, 1923.
Flour, Wheat. Larabee Flour Mills Corporation. 170,931–2; July 24; Serial Nos. 162,427–8; published Mar. 20, 1923.
Flour, Wheat. Larabee Flour Mills Corporation, The. 170,841; July 24; Serial No. 162,426; published Mar. 20, 1923.
Flour, Wheat. J. Laux. 177,226; Dec. 11; Serial No. 175,501; published June 19, 1923.
Flour, Wheat. Lawrenceburg Roller Mills Co. 166,147; Mar. 27; Serial No. 157,071; published Oct. 31, 1922.
Flour, Wheat. Lawrenceburg Roller Mills Co. 170,791; July 24; Serial No. 170,774; published Mar. 13, 1923.
Flour, Wheat. Lawrenceburg Roller Mills Co. 176,836; Dec. 4; Serial No. 178,744; published Sept. 11, 1923.
Flour, Wheat. A. S. Leo. 176,650; Nov. 27; Serial No. 143,823; published July 31, 1923.
Flour, Wheat. Longmont Farmers Milling & Elevator Co. 176,681; Nov. 27; Serial No. 169,722; published July 31, 1923.
Flour, Wheat. Louisville Milling Co. 177,051; Dec. 11; Serial No. 180,288; published Sept. 25, 1923.
Flour, Wheat. Louisville Milling Co. 177,060; Dec. 11; Serial No. 180,289; published Sept. 25, 1923.
Flour, Wheat. Louisville Milling Company. 170,916; July 24; Serial No. 166,695; published Mar. 20, 1923.
Flour, Wheat. Louisville Milling Company. 171,341; Aug. 7; Serial No. 172,890; published Apr. 10, 1923.
Flour, Wheat. Luehrmann Hay & Grain Co. 167,340; May 1; Serial No. 163,097; published Dec. 19, 1922.
Flour, Wheat. J. C. Lysle Milling Company. 172,552; Sept. 4; Serial No. 173,099; published May 15, 1923.
Flour, Wheat. J. C. Lysle Milling Company. 177,578; Dec. 18; Serial No. 173,098; published Oct. 2, 1923.
Flour, Wheat. Mauser Mill Company. 170,664; July 17; Serial No. 143,771; published Feb. 13, 1923.
Flour, Wheat. W. J. McDonald. 167,018; Apr. 24; Serial No. 162,191; published Jan. 30, 1923.
Flour, Wheat. Midland Flour Milling Co. 167,201; Apr. 24; Serial No. 162,639; published Dec. 12, 1922.
Flour, Wheat. Midland Flour Milling Co. 167,202; Apr. 24; Serial No. 162,654; published Dec. 12, 1922.
Flour, Wheat. Midland Flour Milling Co. 172,436; Aug. 28; Serial No. 173,655; published May 8, 1923.
Flour, Wheat. Midland Flour Milling Co. 172,759; Sept. 11; Serial No. 175,095; published June 5, 1923.
Flour, Wheat. Mid-West Milling Company. 165,283; Mar. 6; Serial No. 153,734; published Nov. 7, 1922.
Flour, Wheat. Minneapolis Milling Co. 176,735; Nov. 27; Serial No. 173,974; published Aug. 7, 1923.
Flour, Wheat. Minneapolis Milling Co. 177,220; Dec. 11; Serial No. 175,939; published Sept. 18, 1923.
Flour, Wheat. Model Mill Company. 176,748; Nov. 27; Serial No. 175,802; published Aug. 7, 1923.
Flour, Wheat. Modern Flour Mills. 170,935; July 24; Serial No. 169,601; published Feb. 27, 1923.

Flour, Wheat. Morrow Milling Company. 165,399; Mar. 6; Serial No. 156,915; published Oct. 31, 1922.
Flour, Wheat. Morrow Milling Company. 167,083; Apr. 24; Serial No. 154,456; published Jan. 30, 1923.
Flour, Wheat. Morrow Milling Company. 170,905; July 24; Serial No. 156,914; published Mar. 27, 1923.
Flour, Wheat. Nebraska Consolidated Mills Company. 163,606; Jan. 23.
Flour, Wheat. Nebraska Mill & Elevator Co. 172,758; Sept. 11; Serial No. 175,100; published June 5, 1923.
Flour, Wheat. Noblesville Milling Co. 167,844; May 8; Serial No. 165,239; published Jan. 30, 1923.
Flour, Wheat. Noblesville Milling Co. 170,863; July 24; Serial No. 167,531; published Mar. 20, 1923.
Flour, Wheat. Noblesville Milling Co. 171,021; July 31; Serial No. 167,885; published Mar. 20, 1923.
Flour, Wheat. Noblesville Milling Co. 173,191; Sept. 18; Serial No. 167,730; pubished Mar. 20, 1923.
Flour, Wheat. Northfield Flour Mills Company. 172,765; Sept. 11; Serial No. 174,630; published June 5, 1923.
Flour, Wheat. Northfield Flour Mills Company. 176,458–9; Nov. 27; Serial Nos. 176,423–4; published Aug. 21, 1923.
Flour, Wheat. Northfield Flour Mills Company. 176,464; Nov. 27; Serial No. 176,422; published Aug. 21, 1923.
Flour, Wheat. Northwestern Consolidated Milling Company. 167,627; May 1; Serial No. 167,483; published Dec. 19, 1922.
Flour, Wheat. Parham-Lindsay Grocery Co. 172,639; Sept. 11; Serial No. 162,048; published May 1, 1923.
Flour, Wheat. Park County Milling Co. 163,613; Jan. 23.
Flour, Wheat. Pfeffer Milling Company. 167,427; May 1; Serial No. 165,032; published Jan. 2, 1923.
Flour, Wheat. Pfeffer Milling Company. 170,833; July 24; Serial No. 170,080; published Feb. 27, 1923.
Flour, Wheat. Phoenix Flour Mill. 176,451; Nov. 27; Serial No. 176,914; published Aug. 14, 1923.
Flour, Wheat. Pillsbury Flour Mills Company. 172,951; Sept. 11; Serial No. 174,334; published June 5, 1923.
Flour, Wheat. Pillsbury Flour Mills Company. 176,729; Nov. 27; Serial No. 173,377; published Aug. 7, 1923.
Flour, Wheat. Poage-Wall Milling Co. 167,131; Apr. 24; Serial No. 157,772; published Dec. 19, 1922.
Flour, Wheat. Frank R. Prina Corporation. 172,648; Sept. 11; Serial No. 149,352; published May 1, 1923.
Flour, Wheat. Quaker Oats Company. 172,761; Sept. 11; Serial No. 174,920; published June 5, 1923.
Flour, Wheat. Quaker Oats Company. 172,801; Sept. 11; Serial No. 174,107; published May 15, 1923.
Flour, Wheat. Quaker Oats Company. 176,614; Nov. 27; Serial No. 174,914; published Aug. 7, 1923.
Flour, Wheat. Quaker Oats Company. 177,562; Dec. 18; Serial No. 174,916; published June 5, 1923.
Flour, Wheat. Quaker Oats Company. 177,573; Dec. 18; Serial No. 177,452; published Oct. 2, 1923.
Flour, Wheat. Randolph Milling Company. 171,026; July 31; Serial No. 168,170; published Apr. 3, 1923.
Flour, Wheat. Red Star Milling Company. 172,472; Aug. 28; Serial No. 172,173; published May 8, 1923.
Flour, Wheat. Red Star Milling Company. 172,991; Sept. 11; Serial No. 173,242; published June 5, 1923.
Flour, Wheat. B. L. Robertson. 171,074; July 31; Serial No. 169,323; published Apr. 3, 1923.
Flour, Wheat. Rugby Milling Company. 170,842; July 24; Serial No. 162,055; published Mar. 20, 1923.
Flour, Wheat. E. G. Sanders. 167,063; Apr. 24; Serial No. 160,034; published Dec. 19, 1922.
Flour, Wheat. Sands, Taylor & Wood Co. 170,857; July 24; Serial No. 168,556; published Mar. 20, 1923.
Flour, Wheat. Sands, Taylor & Wood Co. 170,858; July 24; Serial No. 168,555; published Mar. 20, 1923.
Flour, Wheat. N. Sauer Milling Company. 177,508; Dec. 18; Serial No. 153,787; published Oct. 2, 1923.
Flour, Wheat. N. Sauer Milling Company. 165,280; Mar. 6; Serial No. 153,789; published Nov. 7, 1922.
Flour, Wheat. Sauers Milling Company. 166,995; Apr. 17.
Flour, Wheat. South Georgia Produce Company. 165,308; Mar. 6; Serial No. 161,582; published Nov. 28, 1922.
Flour, Wheat. Southwestern Milling Company. 176,617; Nov. 27; Serial No. 174,597; published July 31, 1923.
Flour, Wheat. Southwestern Milling Company. 176,880–2; Dec. 4; Serial No. 181,461–3; published Sept. 25, 1923.
Flour, Wheat. Southwestern Milling Company. 177,114–16; Dec. 11; Serial Nos. 181,458–60; published Sept. 25, 1923.
Flour, Wheat. Sperry Flour Co. 172,638; Sept. 11; Serial No. 163,294; published Jan. 30, 1923.
Flour, Wheat. Stafford County Flour Mills Co. 167,192; Apr. 24; Serial No. 158,156; published Nov. 7, 1922.
Flour, Wheat. Stanard-Tilton Milling Co. 167,098; Apr. 24; Serial No. 167,430; published Dec. 12, 1922.
Flour, Wheat. Standard-Tilton Milling Co. 172,481; Aug. 28.
Flour, Wheat. Star and Crescent Milling Company. 23,262; renewed June 27, 1923.
Flour, Wheat. State Line Milling Co. 176,590; Nov. 27; Serial No. 179,170; published Sept. 11, 1923.
Flour, Wheat. Stoddard Mill & Grain Company. 177,734; Dec. 25; Serial No. 182,777; published Oct. 2, 1923.
Flour, Wheat. Stroud-Dockum Grocery Co. 167,016; Apr. 24; Serial No. 162,354; published Jan. 30, 1923.
Flour, Wheat. Texas Star Flour Mills. 165,390–1; Mar. 6; Serial Nos. 159,897–900; published Nov. 7, 1922.
Flour, Wheat. Texas Star Flour Mills. 165,392–3; Mar. 6; Serial Nos. 159,894–5; published Nov. 7, 1922.
Flour, Wheat. Texas Star Flour Mills. 165,770; Mar. 20; Serial No. 159,900; published Nov. 7, 1922.
Flour, Wheat. Texas Star Flour Mills. 167,064; Apr. 24; Serial No. 159,896; published Dec. 26, 1922.
Flour, Wheat. Texas Star Flour Mills. 173,545; Sept. 25.
Flour, Wheat. Texas Star Flour Mills. 177,001; Dec. 11; Serial No. 180,631; published Sept. 25, 1923.
Flour, Wheat. M. D. Thompson. 166,149; Mar. 27; Serial No. 156,936; published Oct. 31, 1922.
Flour, Wheat. Thompson Milling Company. 24,553; renewed Apr. 17, 1924.
Flour, Wheat. Thompson Milling Co. 170,888; July 24; Serial No. 160,727; published Mar. 20, 1923.
Flour, Wheat. Trenton Milling Co. 176,505; Nov. 27; Serial No. 162,148; published July 31, 1923.
Flour, Wheat. Vignes-Bombet Grocer Co. 176,601; Nov. 27; Serial No. 178,645; published Sept. 18, 1923.
Flour, Wheat. Wabasha Roller Mill Company. 170,806; July 24; Serial No. 169,793; published Feb. 27, 1923.
Flour, Wheat. Wabasha Roller Mill Company. 172,476; Aug. 28; Serial No. 172,918; published May 8, 1923.
Flour, Wheat. Washburn-Crosby Company. 164,233; Feb. 13.
Flour, Wheat. Washburn-Crosby Co. 165,400; Mar. 6; Serial No. 156,671; published Oct. 31, 1922.
Flour, Wheat. Washburn-Crosby Co. 167,143; Apr. 24; Serial No. 156,670; published Dec. 19, 1922.
Flour, Wheat. Washburn-Crosby Co. 167,263; Apr. 24; Serial No. 155,721; published Dec. 19, 1922.
Flour, Wheat. Washburn-Crosby Company. 167,492; May 1; Serial No. 149,730; published Jan. 23, 1923.
Flour, Wheat. Washburn-Crosby Company. 170,793; July 24; Serial No. 170,513; published Mar. 13, 1923.
Flour, Wheat. Washburn-Crosby Company. 171,443; Aug. 7; Serial No. 159,545; published Mar. 27, 1923.
Flour, Wheat. Washburn-Crosby Company. 176,581; Nov. 27; Serial No. 177,754; published Aug. 21, 1923.
Flour, Wheat. Washburn-Crosby Company. 176,883; Dec. 4; Serial No. 181,468; published Sept. 25, 1923.
Flour, Wheat. J. S. Waterman & Co. 165,291; Mar. 6; Serial No. 152,110; published Nov. 7, 1922.
Four, Wheat Weber Flour Mills Corporation. 173,170; Sept. 18; Serial No. 168,505; published Mar. 20, 1923.
Flour, Wheat. Wichita Flour Mills Co. 165,148; Mar. 6; Serial No. 146,054; published Nov. 28, 1922.
Flour, Wheat. Wichita Flour Mills Co. 167,203–4; Apr. 24; Serial Nos. 162,654–5; published Jan. 23, 1923.
Flour, Wheat. Frank C. Williams, Inc. 170,949; July 24; Serial No. 167,277; published Apr. 3, 1923.
Flour, Wheat. Willis Norton & Co. 176,976; Dec. 11; Serial No. 179,949; published Sept. 18, 1923.
Flour, Wheat. Willis Norton & Co. 177,498; Dec. 18; Serial No. 182,325; published Oct. 2, 1923.
Flour, Wheat. F. Wolf. 167,205; Apr. 24; Serial No. 162,656; published Jan. 30, 1923.
Flour, Wheat. G. A. Zabriskie. 172,613; Sept. 11; Serial No. 167,155; published June 5, 1923.
Flour, Wheat and rye. Bluffton Milling Company. 165,090; Mar. 6; Serial No. 154,298; published Nov. 7, 1922.
Flour, Wheat and rye. George Urban Milling Company. 176,741; Nov. 27; Serial No. 176,299; published Aug. 14, 1923.
Flour, Wheat and self-rising. South Georgia Produce Company. 165,980; Mar. 27; Serial No. 161,581; published Nov. 28, 1922.
Flour, White and Graham. D. J. Toomey Produce Co. 173,031; Sept. 11; Serial No. 174,188; published June 5, 1923.
Flour, Winter-wheat. J. Grossman. 167,239; Apr. 24; Serial No. 159,356; published Feb. 6, 1923.
Flours. L. & E. Frenkel, Inc. 172,767; Sept. 11; Serial No. 174,433; published June 5, 1923.
Flours, condensed soups, macaroni, etc., Digestive. C. H. Knorr A. G. 177,288; Dec. 11.
Fondant and base in candy, ice cream, etc., Semiprepared. White Stokes Co. 176,215; Nov. 20; Serial No. 178,791; published Aug. 28, 1923.
Food, Article of. Harrington & Hord. 176,684; Nov. 27; Serial No. 169,129; published July 31, 1923.
Food articles. Never Enough Pie Company. 171,077; July 31; Serial No. 169,769; published Apr. 3, 1923.
Food, Bird. F. B. Chamberlain Company. 165,918; Mar. 20.
Food, Bird. C. C. Morse and Co. 170,810; July 24; Serial No. 171,943; published Mar. 20, 1923.
Food, Birds'. James Butler Grocery Company. 170,843; July 24; Serial No. 163,430; published Apr. 3, 1923.
Food, Breakfast cereal. Albers Bros. Milling Co. 171,265; July 31; Serial No. 169,270; published Apr. 3, 1923.

Food, Cereal breakfast. Battle Creek Food Company. 172,764; Sept. 11; Serial No. 174,722; published June 5, 1923.
Food, Cereal breakfast. Battle Creek Food Company. 173,500; Sept. 25; Serial No. 175,701; published June 19, 1923.
Food, Cereal breakfast. Battle Creek Food Company. 176,461; Nov. 27; Serial No. 176,247; published Aug. 21, 1923.
Food, Cereal breakfast. J. J. Beshere. 166,917; Apr. 17; Serial No. 164,856; published Jan. 30, 1923.
Food, Cereal breakfast. Kellogg Toasted Corn Flake Co. 170,696; July 24; Serial No. 156,905; published Mar. 20, 1923.
Food, Cereal breakfast. Phospho Food Co., Inc. 165,656; Mar. 13.
Food, Chicken. Ryde & Company. 163,619; Jan. 23.
Food composed of dough and sausage cooked in patties, Article of. M. P. Miller. 168,633; May 29; Serial No. 168,161; published Mar. 6, 1923.
Food compound for animals, Milk. Jersee Company. 165,919; Mar. 20.
Food, Cracked cereal. C. O. Sandefur. 177,004–5; Dec. 11; Serial Nos. 180,298–9; published Sept. 25, 1923.
Food, egg mash, and chick mash, Hen and chick. Bowman Bros. Seed Co. 170,835; July 24; Serial No. 162,658; published Mar. 20, 1923.
Food flavor. International Company. 163,812; Jan. 30.
Food flavor. International Company. 163,832; Jan. 30.
Food-flavoring extracts and coffee. C. A. Murdock Mfg. Co. 172,978; Sept. 11; Serial No. 175,805; published June 19, 1923.
Food for cattle, horses, sheep, pigs, and poultry. Algin Company. 170,854; July 24; Serial No. 163,661; published Mar. 20, 1923.
Food for chickens. E. R. Schooley. 176,519; Nov. 27; Serial No. 166,573; published July 31, 1923.
Food for dogs and cats, Milk. Spratt's Patent Limited. 172,947; Sept. 11; Serial No. 153,858; published June 5, 1923.
Food for fowl, Scratch. T. W. Wood & Sons. 173,336; Sept. 25; Serial No. 167,792; published Mar. 20, 1923.
Food for infants, Specially-prepared. Mead Johnson & Co. 173,340; Sept. 25; Serial No. 171,939; published June 26, 1923.
Food, Hog. Dixon Cereal and Feed Company. 176,885; Dec. 4; Serial No. 171,730; published Sept. 11, 1923.
Food, Hog. Maurice River Packing Co. 164,559; Feb. 20.
Food, Mineral stock. Vita Mineral Products Company. 177,764; Dec. 25; Serial No. 177,337; published Oct. 2, 1923.
Food, Nut cereal. Battle Creek Food Company. 173,488; Sept. 25; Serial No. 175,838; published June 19, 1923.
Food, Poultry. Jameson-Hovener Company. 177,217; Dec. 11; Serial No. 176,346; published Sept. 25, 1923.
Food, Poultry. Standard Lime & Stone Co. 167,060; Apr. 24; Serial No. 160,305; published Feb. 6, 1923.
Food, Poultry and stock. Maritime Milling Co. Inc. 168,015; May 8.
Food preparation. Certified Foods, Inc. 171,065; July 31; Serial No. 163,918; published Apr. 3, 1923.
Food preparation. Coleman and Company, Limited. 171,193; July 31; Serial No. 140,919; published May 8, 1923.
Food preparations. H. B. Hunter. 169,227; June 12; Serial No. 165,444; published Mar. 20, 1923.
Food preparations of chocolate, sugar, and water, and cocoa, sugar, and water. H. B. Hunter Co. 168,569; May 29; Serial No. 166,885; published Feb. 20, 1923.
Food product. V. Banos & Co. 174,516; Oct. 16; Serial No. 177,948; published July 24, 1923.
Food product. Foley Food Product Company. 176,853; Dec. 4; Serial No. 175,480; published July 31, 1923.
Food product. Fruit Valley Corporation. 164,651–2; Feb. 27.
Food product. George Kern, Inc. 166,508; Apr. 3; Serial No. 163,450; published Jan. 9, 1923.
Food product. Schor & Roberts. 176,995; Dec. 11; Serial No. 176,695; published Sept. 25, 1923.
Food product, Nonconstipating health. P. D. Panoulias. 176,512; Nov. 27; Serial No. 164,449; published Sept. 11, 1923.
Food product used as a sandwich filler. Sar-A-Lee Company. 174,532; Oct. 16.
Food products. Hutchison Thrift Corporation. 171,451; Aug. 7; Serial No. 169,059; published May 8, 1923.
Food products. T. & C. Corporation. 177,165; Dec. 11; Serial No. 173,863; published Aug. 7, 1923.
Food, Stock. G. F. Horton. 163,583; Jan. 23.
Food, Stock. M. H. Lytle. 165,651; Mar. 13.
Food, Stock. C. Winslow. 170,889; July 24; Serial No. 160,376; published Mar. 20, 1923.
Food, Vegetable. Battle Creek Food Company. 176,453; Nov. 27; Serial No. 176,816; published Sept. 4, 1923.
Foods and feed for poultry, live stock, and cattle. I. I. Irwin. 172,583; Sept. 11; Serial No. 170,821; published June 5, 1923.
Foods and food products, Cooked, uncooked, fresh, canned, compressed, etc. McKay-Manning, Incorporated. 170,914; July 24; Serial No. 166,783; published Mar. 20, 1923.
Foods and ingredients of foods. Queensland Meat Export Company. 168,352; May 22; Serial No. 122,405; published Feb. 27, 1923.
Foods, Breakfast cereal. Home Food Service Company. 176,692; Nov. 27; Serial No. 167,084; published July 31, 1923.
Foods, Cereal breakfast. Kellogg Toasted Corn Flake Co. 176,726; Nov. 27; Serial No. 172,884; published July 24, 1923.
Foods, Cereal breakfast. Postum Cereal Company. 172,234; Aug. 28; Serial No. 174,976; published May 15, 1923.
Foods, Cereal breakfast. Six In One Cereal Co. 170,877; July 24; Serial No. 157,903; published Mar. 20, 1923.
Foods, Cereal breakfast. Ward Baking Co. 166,920; Apr. 17; Serial No. 164,353; published Jan. 30, 1923.
Foods, Cooked. A. F. Cook. 177,277; Dec. 11; Serial No. 167,802; published Sept. 18, 1923.
Foods for chickens, ducks, turkeys, geese, pigeons, etc. Pratt Food Co. 163,695; Jan. 23.
Foods for horses, cattle, calves, ducks, etc. Pratt Food Co. 167,145; Apr. 24; Serial No. 156,339; published Dec. 19, 1922.
Foods, Poultry. W. B. Black. 172,564; Sept. 11; Serial No. 170,750; published May 1, 1923.
Foods, Stock and poultry. Ubiko Milling Company. 177,022; Dec. 11; Serial No. 165,902; published Aug. 7, 1923.
Foods such as powdered ice cream, Condensed. Farmers Consolidated and Distributing Co. 163,571; Jan. 23.
Foods, wheat, etc., flour, Cereal breakfast. Wheaco Cereal Corporation. 176,691; Nov. 27; Serial No. 167,111; published July 31, 1923.
Foodstuffs preserved in hermetically-sealed containers. W. H. Killian Co. 172,287; Aug. 28; Serial No. 167,179; published May 8, 1923.
Foodstuffs produced on the farm and in the dairy. C. M. Ryder. 167,344; May 1; Serial No. 163,004; published Dec. 19, 1922.
French dressing. Windmill Food Products Company. 177,652; Dec. 25; Serial No. 170,171; published Apr. 17, 1923.
Fruit and salted-nut mixture, Dried. Select Packing Co. 176,609; Nov. 27; Serial No. 179,487; published Sept. 11, 1923.
Fruit, canned vegetables, peanut butter, Dried. Twohy-Smith Company. 176,457; Nov. 27; Serial No. 176,810; published Sept. 4, 1923.
Fruit, Dried. A. M. Biddle. 173,129; Sept. 18; Serial No. 177,821; published June 12, 1923.
Fruit, Fresh citrous. Bastanchury Ranch Company. 164,990; Feb. 27.
Fruit, Fresh citrous. H. P. Hansen. 168,525; May 22.
Fruit, Fresh citrous. Mupu Citrus Association. 177,444; Dec. 18; Serial No. 182,169; published Oct. 2, 1923.
Fruit, Fresh deciduous. J. C. Knowles. 168,686; May 29; Serial No. 169,404; published Feb. 27, 1923.
Fruit, fresh vegetables, and cantaloupes, Fresh citrous and deciduous. Randolph Marketing Company. 168,581; May 29; Serial No. 162,953; published Feb. 20, 1923.
Fruit, grapefruit, Fresh citrous. W. P. Peyton Fruit Co. 175,772; Nov. 13; Serial No. 177,863; published Aug. 14, 1923.
Fruit in candy form, Sirup-impregnated. J. J. Story. 171,406; Aug. 7; Serial No. 141,333; published Mar. 27, 1923.
Fruit in jars, figs, dates, etc. Park & Tilford. 176,725; Nov. 27; Serial No. 172,553; published July 31, 1923.
Fruit or berry juice to make jelly. H. L. Hulburt. 172,870; Sept. 11; Serial No. 173,648; published June 5, 1923.
Fruit pectin. Hood River Apple Vinegar Co. 176,711; Nov. 27; Serial No. 183,213; published Sept. 18, 1923.
Fruit, Preserved. Keystone Fruit Products Company. 173,945; Oct. 2; Serial No. 177,607; published July 17, 1923.
Fruit preserves, honey, and mincemeat. Standard Syrup Company. 173,666; Oct. 2; Serial No. 177,631; published July 3, 1923.
Fruit preserves, jams, jelly, apple butter, sweet and sour pickles, sour relish, etc. G. H. Wetterau & Sons Grocer Company. 171,235; July 31; Serial No. 170,736; published May 8, 1923.
Fruit preserves, jellies, and other canned fruit products. Jitz and Fortkamp Company. 171,336; Aug. 7; Serial No. 172,620; published May 8, 1923.
Fruit—viz, satsuma, Fresh. Satsuma Orange & Pecan Groves Company. 171,591; Aug. 7; Serial No. 176,047; published May 22, 1923.
Fruits and canned fruits and vegetables, Dried. O. A. Harlan & Co. 174,625; Oct. 23; Serial No. 179,469; published July 31, 1923.
Fruits and fresh vegetables, Fresh citrous. Andrews Brothers Company. 173,478; Sept. 25; Serial No. 176,152; published May 15, 1923.
Fruits and fresh vegetables, Fresh citrous and deciduous. R. Di Giorgio. 168,363; May 22; Serial No. 165,354; published Feb. 27, 1923.
Fruits and fresh vegetables, Fresh deciduous. Idaho Evaporating Co. 171,369; Aug. 7; Serial No. 169,761; published May 1, 1923.

Classified list of trade-marks registered—Continued.

Fruits and fresh vegetables, Fresh deciduous. W. R. Parvin. 168,479; May 22; Serial No. 168,373; published Feb. 20, 1923.
Fruits and fresh vegetables, Fresh deciduous. W. R. Parvin. 171,458; Aug. 7; Serial No. 168,372; published May 8, 1923.
Fruits and grapes, Deciduous. Y. Maeda. 173,162; Sept. 18; Serial No. 158,782; published June 19, 1923.
Fruits and grapes, Fresh deciduous. Marshall & Muller. 173,217; Sept. 18; Serial No. 174,581; published June 26, 1923.
Fruits and ice cream, Frozen. W. A. Davis. 170,861; July 24; Serial No. 167,767; published Apr. 24, 1923.
Fruits and nuts. E. I. Power. 177,147; Dec. 11; Serial No. 156,017; published Sept. 11, 1923.
Fruits and vegetables, Fresh. Haley-Neeley Company. 169,389; June 12; Serial No. 168,037; published Mar. 27, 1923.
Fruits and vegetables, Fresh. Illinois Fruit Exchange. 170,581; July 17; Serial No. 167,641; published Apr. 24, 1923.
Fruits and vegetables, Fresh. Northern Fruit Company. 165,438; Mar. 13; Serial No. 165,705; published Jan. 2, 1923.
Fruits and vegetables, Fresh. W. R. Roach & Company. 173,160; Sept. 18; Serial No. 159,054; published June 19, 1923.
Fruits and vegetables, Fresh. United Growers Association of California. 164,056; Feb. 13.
Fruits and vegetables, Fresh deciduous. T. S. Smith. 170,529; July 17; Serial No. 174,038; published Apr. 24, 1923.
Fruits, Candied citrous. B. Pernetti. 165,437; Mar. 13; Serial No. 165,707; published Jan. 2, 1923.
Fruits, canned vegetables, peanut butter, etc., Dried. Twoby-Smith Company. 176,842; Dec. 4; Serial No. 176,809; published Sept. 4, 1923.
Fruits, Citrous. California Fruit Growers Exchange. 176,732; Nov. 27; Serial No. 173,621; published Sept. 4, 1923.
Fruits, Citrous. Gold Buckle Association. 176,497; Nov. 27; Serial No. 173,643; published Sept. 25, 1923.
Fruits, Citrous. Gold Buckle Association. 176,498; Nov. 27; Serial No. 173,637; published Sept. 11, 1923.
Fruits, Citrous. Gold Buckle Association. 177,083; Dec. 11; Serial No. 173,636; published Sept. 11, 1923.
Fruits, Citrous. Gold Buckle Association. 177,084; Dec. 11; Serial No. 173,639; published Sept. 11, 1923.
Fruits, Citrous. Gold Buckle Association. 177,085; Dec. 11; Serial No. 173,640; published Sept. 11, 1923.
Fruits, Citrous. Gold Buckle Association. 177,086; Dec. 11; Serial No. 173,642; published Sept. 11, 1923.
Fruits, Citrous. Gold Buckle Association. 177,558; Dec. 18; Serial No. 173,643; published Sept. 25, 1923.
Fruits, Citrous. North Whittier Heights Citrus Ass'n. 164,735; Feb. 27.
Fruits, Citrous. Stambaugh & Rabe. 174,971; Oct. 30; Serial No. 157,637; published Aug. 7, 1923.
Fruits, Dried. California Prune and Apricot Growers, Inc. 168,564; May 29; Serial No. 166,650; published Feb. 27, 1923.
Fruits, Dried. Gile & Jenks. 177,375; Dec. 18; Serial No. 180,858; published Sept. 25, 1923.
Fruits, Dried. C. C. Hall Inc. 172,867; Sept. 11; Serial No. 173,421; published June 5, 1923.
Fruits, Dried and canned. California Fruit Selling Company. 163,425; Jan. 9.
Fruits, Dried and canned. California Fruit Selling Company. 167,700; May 8; Serial No. 165,667; published Feb. 13, 1923.
Fruits, Dried and canned. California Fruit Selling Company. 168,529; May 22.
Fruits, dried fruits, canned vegetables, etc., Fresh citrous. Andrews Brothers Company. 169,748; June 26.
Fruits, dried or dehydrated fruits and vegetables, etc., Fresh citrous and deciduous. J. L. Taylor Co. 171,432; Aug. 7; Serial No. 164,977; published May 8, 1923.
Fruits, Fresh. Placer County Mountain Fruit Co. 166,261; Mar. 27; Serial No. 164,948; published Dec. 19, 1922.
Fruits, Fresh and canned. Kings County Packing Company. 177,594; Dec. 18.
Fruits, Fresh and deciduous. Orangevale Fruit Growers Exchange. 174,763; Oct. 23; Serial No. 168,782; published Aug. 14, 1923.
Fruits, Fresh citrous. Anaheim Valencia Growers Ass'n. 175,041; Oct. 30; Serial No. 178,370; published Aug. 7, 1923.
Fruits, Fresh citrous. Arizona Citrus Growers' Co. 170,516; July 17; Serial No. 172,857; published Apr. 17, 1923.
Fruits, Fresh citrous. Associated Fruit Co. 167,966; May 8.
Fruits, Fresh citrous. C. O. Banks. 175,618; Nov. 6; Serial No. 180,831; published Aug. 21, 1923.
Fruits, Fresh citrous. Citrus Sales Corporation. 171,427; Aug. 7; Serial No. 171,903; published May 15, 1923.
Fruits, Fresh citrous. Dade City Citrus Growers Association. 175,778; Nov. 13; Serial No. 177,279; published Aug. 14, 1923.
Fruits, Fresh citrous. Duarte-Monrovia Fruit Exchange. 173,781; Oct. 2; Serial No. 175,853; published June 26, 1923.
Fruits, Fresh citrous. Florida Citrus Exchange. 169,047; June 5; Serial No. 162,105; published Feb. 6, 1923.
Fruits, Fresh citrous. R. Krasnow & Sons, Inc. 168,505; May 22.
Fruits, Fresh citrous. R. Krasnow & Sons, Inc. 168,657; Serial No. 166,304; published Feb. 20, 1923.
Fruits, Fresh citrous. La Habra Citrus Association. 171,932; Aug. 14.
Fruits, Fresh citrous. Lee County Packing Co. 176,253; Nov. 20; Serial No. 178,261; published Sept. 4, 1923.
Fruits, Fresh citrous. Leeco Citrus Growers' Association. 175,615; Nov. 6; Serial No. 180,867; published Aug. 21, 1923.
Fruits, Fresh citrous. Lindsay Co-Operative Citrus Association. 169,716; June 26.
Fruits, Fresh citrous. Lindsay Co-Operative Citrus Association. 173,496; Sept. 25; Serial No. 175,609; published June 19, 1923.
Fruits, Fresh citrous. Lindsay Co-operative Citrus Association. 173,826; Oct. 2; Serial No. 175,610; published June 26, 1923.
Fruits, Fresh citrous. A. G. Maddock. 176,964; Dec. 11; Serial No. 178,854; published Sept. 25, 1923.
Fruits, Fresh citrous. Mupu Citrus Association. 177,440; Dec. 18; Serial No. 182,171; published Oct. 2, 1923.
Fruits, Fresh citrous. Chas. C. Oyler & Son. 168,878; May 29; Serial No. 169,863; published Mar. 13, 1923.
Fruits, Fresh citrous. Chas. C. Oyler & Son. 176,989; Dec. 11; Serial No. 179,482; published Sept. 25, 1923.
Fruits, Fresh citrous. Redland Citrus Growers Association. 169,818; July 3; Serial No. 168,068; published Apr. 3, 1923.
Fruits, Fresh citrous. Richardson-Marsh Corporation. 173,950; Oct. 2; Serial No. 178,867; published July 17, 1923.
Fruits, Fresh citrous. W. G. Roe. 173,710; Oct. 2; Serial No. 177,410; published July 3, 1923.
Fruits, Fresh citrous. San Dimas Lemon Association. 177,769; Dec. 25; Serial No. 184,296; published Oct. 9, 1923.
Fruits, Fresh citrous. San Dimas Lemon Association. 177,770; Dec. 25; Serial No. 184,297; published Oct. 9, 1923.
Fruits, Fresh citrous. San Dimas Lemon Association. 177,771; Dec. 25; Serial No. 184,299; published Oct. 9, 1923.
Fruits, Fresh citrous. Silver Palm Citrus Growers Association. 172,025; Aug. 21; Serial No. 170,044; published May 29, 1923.
Fruits, Fresh citrous. J. H. Strait & Company. 175,651. Nov. 6; Serial No. 181,319; published Aug. 21, 1923.
Fruits, Fresh citrous. H. C. Sullivan. 168,547; May 29; Serial No. 159,536; published Jan. 16, 1923.
Fruits, Fresh citrous. Vero Indian River Producers Association. 171,351; Aug. 7; Serial No. 171,478; published May 8, 1923.
Fruits, Fresh citrous and deciduous. L. A. Banks. 173,645; Oct. 2; Serial No. 161,959; published July 3, 1923.
Fruits, Fresh citrous and deciduous. W. G. Roe. 172,065; Aug. 21; Serial No. 177,409; published May 29, 1923.
Fruits, Fresh citrus. Edison Orange Growers Association. 163,834; Jan. 30.
Fruits, Fresh citrus. Grand View Heights Citrus Assn. 163,329–30; Jan. 9.
Fruits, Fresh citrus. Hunt, Hatch & Company. 166,258; Mar. 27; Serial No. 164,911; published Dec. 19, 1922.
Fruits, Fresh citrus. A. H. Kalbfleisch. 166,423; Apr. 3; Serial No. 164,809; published Jan. 9, 1923.
Fruits, Fresh citrus. P. J. Langford. 165,559; Mar. 13; Serial No. 156,393; published Dec. 26, 1922.
Fruits, Fresh citrus. Q. Moore. 164,968–9; Feb. 27.
Fruits, Fresh citrus. Mutual Orange Distributors. 164,654; Feb. 27.
Fruit, Fresh citrus. North Whittier Heights Citrus Ass'n. 163,520; Jan. 16.
Fruit, Fresh citrus. North Whittier Heights Citrus Ass'n. 165,986; Mar. 27; Serial No. 162,943; published Dec. 26, 1922.
Fruits, Fresh citrus. Sunland Packing House Company. 166,451; Apr. 3; Serial No. 166,106; published Jan. 16, 1923.
Fruits, Fresh citrus. Yorba Linda Citrus Association. 163,422; Jan. 9.
Fruits, Fresh deciduous. W. A. Caldwell. 173,840; Oct. 2; Serial No. 169,236; published July 3, 1923.
Fruits, Fresh deciduous. Colfax Fruit Growers Assn. 174,624; Oct. 23; Serial No. 179,459; published July 31, 1923.
Fruits, Fresh deciduous. Coops Bros. 175,834; Nov. 13; Serial No. 181,881; published Sept. 4, 1923.
Fruits, Fresh deciduous. Earl Fruit Company. 175,076; Oct. 30; Serial No. 170,010; published Aug. 7, 1923.
Fruits, Fresh deciduous. Ivanhoe Fruit Association. 168,879; May 29; Serial No. 169,304; published Mar. 6, 1923.
Fruits, Fresh deciduous. B. T. Shute. 173,880; Oct. 2; Serial No. 176,221; published July 3, 1923.
Fruits, Fresh deciduous. H. W. Wood. 168,687; May 29; Serial No. 169,511; published Mar. 6, 1923.

Fruits, fresh tomatoes, celery, lettuce, etc., Fresh citrous. Manatee Fruit Co. 168,884; May 29; Serial No. 167,183; published Mar. 6, 1923.
Fruits, fresh vegetables, canned fruits and vegetables, and fruit jam, Fresh deciduous and citrous. Pleasant Grove Canning Co. 171,186; July 31; Serial No. 171,952; published May 1, 1923.
Fruits, fresh vegetables, etc., Fresh deciduous and citrous. Pleasant Grove Canning Company. 173,842; Oct. 2; Serial No. 171,951; published July 3, 1923.
Fruits, jellies, jams, etc. F. B. Nordman, jr. 176,122; Nov. 20; Serial No. 146,979; published Aug. 28, 1923.
Fruits, nuts, etc., Citrous. R. C. Vilas. 176,757; Nov. 27; Serial No. 175,227; published July 31, 1923.
Fruits or dehydrated fruits and vegetables, Dried. United States Products Corporation. 164,976; Feb. 27.
Fruits or dehydrated fruits and vegetables, Dried. United States Products Corporation. 165,966; Mar. 27; Serial No. 157,971; published Nov. 28, 1922.
Fruits, Preserved candied. Joseph Victori & Co. 174,147; Oct. 2.
Fruits, Processed dried. Vin-Sok Food Products Corporation. 168,693; May 29; Serial No. 169,792; published Mar. 6, 1923.
Fruits, Sweet-pickled. G. B. Raffetto, Inc. 164,170; Feb. 13.
Fudge bars, Chocolate-coated. A. B. Mewhinney Co. 170,139; July 10; Serial No. 162,564; published Apr. 10, 1923.
Fudge bars or rolls. R. W. Lovering. 177,368; Dec. 18; Serial No. 181,837; published Sept. 25, 1923.
Garlic flavoring compound. B. Heller & Company. 174,715; Oct. 23; Serial No. 172,990; published July 24, 1923.
Gelatin. Lijm-en-Gelatinefabriek-Delft. 177,599; Dec. 18.
Gelatin. Puritan Gelatin Company. 167,077; Apr. 24; Serial No. 156,403; published Jan. 30, 1923.
Gelatin. E. C. Rich, Inc. 172,624; Sept. 11; Serial No. 159,105; published July 25, 1923.
Gelatin. Societe des Produits Chimiques Coignet. 167,845; May 8; Serial No. 165,097; published Feb. 6, 1923.
Gelatin. United Chemical and Organic Products Co. 177,627; Dec. 25; Serial No. 182,189; published Oct. 9, 1923.
Ginger, chutney, honey, etc. J. O. Taneyhill. 173,793; Oct. 2; Serial No. 174,757; published July 10, 1923.
Grapefruit. F. L. Owen. 163,381; Jan. 9.
Grapefruit, Fresh. Merrick and Rice. 173,151; Sept. 18; Serial No. 154,317; published June 19, 1923.
Grapefruit, oranges, tangerines, pineapples, etc., Fresh. J. Pratt Carroll, Inc. 172,289; Aug. 28; Serial No. 166,347; published May 29, 1923.
Grapes and cantaloupes, Fresh. Ben H. Arkelian & Co. 172,788; Sept. 11; Serial No. 164,482; published June 5, 1923.
Grapes and raisins, Fresh. A. Mattei. 173,137; Sept. 18; Serial No. 178,266; published June 12, 1923.
Grapes and vegetables, Fresh. East Slope Fruit Association. 173,559; Sept. 25.
Grapes, Fresh. C. Anderson. 177,148; Dec. 11; Serial No. 182,898; published Sept. 25, 1923.
Grapes, Fresh. Associated Growers Inc. 169,263; June 12; Serial No. 157,402; published Mar. 27, 1923.
Grapes, Fresh. J. V. Bare. 164,087–8; Feb. 13.
Grapes, Fresh. California Table Fruit Co. 174,311; Oct. 9.
Grapes, Fresh. P. O. Clark. 168,587; May 29; Serial No. 164,101; published Feb. 20, 1923.
Grapes, Fresh. L. R. Hamilton. 177,686; Dec. 25; Serial No. 184,611; published Oct. 9, 1923.
Grapes, Fresh. W. C. McLellan. 171,459; Aug. 7; Serial No. 168,371; published May 8, 1923.
Grapes, Fresh. E. E. Morse. 168,469; May 22; Serial No. 167,307; published Feb. 27, 1923.
Grapes, Fresh. K. Okuda. 166,435; Apr. 3; Serial No. 164,067; published Jan. 16, 1923.
Grapes, Fresh. Sierra Vista Vineyard Corporation. 168,377; May 22; Serial No. 169,329; published Feb. 27, 1923.
Grapes, Fresh. Sunset Fruit Co. 173,639; Oct. 2; Serial No. 168,387; published July 3, 1923.
Grapes, Fresh. Victor Fruit Growers, Inc. 166,226; Mar. 27; Serial No. 165,046; published Dec. 19, 1922.
Grapes, Fresh and dehydrated. Pacific-Italian Trading Corporation. 175,766; Nov. 13; Serial No. 177,046; published Aug. 28, 1923.
Greasing compound to be applied to bread pans, etc. Dryol Corporation. 177,768; Dec. 25; Serial No. 184,395; published Oct. 9, 1923.
Gum, Chewing. American Chicle Company. 173,489; Sept. 25; Serial No. 175,834; published June 19, 1923.
Gum, Chewing. Apple Gum Company. 171,514; Aug. 7; Serial No. 173,161; published May 8, 1923.
Gum, Chewing. R. H. Cobb. 173,390; Sept. 25; Serial No. 155,253; published July 3, 1923.
Gum, Chewing. Dudley Gum Company. 167,002; Apr. 17.
Gum, Chewing. Dudley Gum Company. 176,196; Nov. 20; Serial No. 161,040; published Sept. 11, 1923.
Gum, Chewing. Franklin-Caro Company. 173,620; Oct. 2; Serial No. 101,984; published July 3, 1923.
Gum, Chewing. Fruitora Products Company. 164,089; Feb. 13.
Gum, Chewing. Goudey Gum Company. 172,781; Sept 11; Serial No. 156,001; published June 5, 1923.
Gum, Chewing. Hershey Chocolate Company. 168,518; May 22.
Gum, Chewing. Listerated Gum Corporation. 173,683; Oct. 2; Serial No. 178,399; published July 10, 1923.
Gum, Chewing. W. J. White. 166,011; Mar. 27; Serial No. 162,703; published Oct. 24, 1922.
Gum, Chewing. Wm. Wrigley Jr. Company. 166,091; Apr. 24; Serial No. 165,734; published Feb. 6, 1923.
Ham and bacon. P. Kury. 169,694; June 26.
Hams. Hickory Hill Farm. 166,346; Apr. 3; Serial No. 158,311; published Jan. 16, 1923.
Hams and bacon. Barrington Packing Co. 175,715; Nov. 6.
Hams and bacon. Corkran, Hill & Co. 167,061; Apr. 24; Serial No. 160,235; published Dec. 26, 1922.
Hams and bacon. Higgin's Packing Company. 166,257; Mar. 27; Serial No. 164,907; published Dec. 19, 1922.
Hams and bacon. Higgin's Packing Company. 166,660; Apr. 10; Serial No. 164,908; published Jan. 30, 1923.
Hams and bacon, Smoked. Patrick-Young Company. 174,633; Oct. 23; Serial No. 179,677; published July 31, 1923.
Hams and bacons, lard, etc., Smoked. Shenandoah Abattoir Co. 173,538; Sept. 25.
Hams, bacon, lard, and sausage. Greenwald Packing Company. 163,843–4; Jan. 30.
Hams, bacon, lard, and sausage. Greenwald Packing Company. 168,804; May 29; Serial No. 157,150; published Mar. 6, 1923.
Hams, bacon, lard, and sausage products. Lake Erie Provision Company. 172,110; Aug. 21; Serial No. 172,422; published May 29, 1923.
Hams, bacon, sausage, etc. Indianapolis Abattoir Company. 173,519; Sept. 25.
Hams, bacon, sausage, lard, and boiled hams. Sullivan Packing Company. 167,008; Apr. 17.
Hams, bacons, sausages, etc. Indianapolis Abbatoir Company. 174,858; Oct. 23; Serial No. 176,629; published July 31, 1923.
Hams, breakfast bacon. William Zoller Company. 173,126; Sept. 18; Serial No. 172,924; published June 5, 1923.
Hams, butter, and strawberries. C. L. Covington. 163,836; Jan. 30.
Hams, Raw and cooked. Smithfield Company. 175,822; Nov. 13; Serial No. 162,216; published Aug. 28, 1923.
Hams, shoulders, bacon, etc. Indianapolis Abattoir Company. 169,929; July 3.
Hams, shoulders, bacon, sausage, etc. Indianapolis Abattoir Company. 173,790; Oct. 2; Serial No. 177,380 published July 3, 1923.
Hams, sugar-cured meats, lard, pork sausage. Boise Butcher Company. 166,792; Apr. 17; Serial No. 156,775; published Jan. 30, 1923.
Herring, Smoked. Gorton-Pew Fisheries Company. 173,570; Sept. 25.
Herrings and sardines. Yzermans & Co. 23,293; renewed July 4, 1923.
Herrings, Salted and pickled. G. Davidson. 171,498; Aug. 7; Serial No. 171,204; published May 22, 1923.
Hominy. American Hominy Company. 176,574; Nov. 27; Serial No. 178,156; published Aug. 21, 1923.
Honey. A. C. Daman. 164,922; Feb. 27.
Honey. Griggs Bros. Co. 177,134–6; Dec. 11; Serial Nos. 149,694–6; published Sept. 26, 1922.
Honey. Griggs Bros. Co. 177,139; Dec. 11; Serial No. 149,697; published Sept. 26, 1922.
Honey. G. Harrison, jr. 166,509–10; Apr. 3; Serial No. 163,664–5; published Jan. 9, 1923.
Honey. Long Island Packing Co. Inc. 177,181; Dec. 11; Serial No. 180,709; published Sept. 25, 1923.
Honey. L. R. Nolen. 170,156; July 10; Serial No. 169,072; published Apr. 3, 1923.
Honey. W. P. Southworth. 163,401; Jan. 9.
Honey. J. A. Warnecke. 166,886; Apr. 17; Serial No. 167,665; published Feb. 6, 1923.
Honey and beeswax. S. F. Von Schuetz. 163,412; Jan. 9.
Horse-radish. R. J. Diekemper. 170,281; July 10; Serial No. 172,867; published Apr. 17, 1923.
Horse-radish and mustard, jellies, jams, etc. A. Van Erp. 173,322; Sept. 25; Serial No. 173,154; published June 26, 1923.
Ice cream. A. M. Alexander. 166,445; Apr. 3; Serial No. 166,494; published Jan. 16, 1923.
Ice cream. Bittersweet Products Corporation. 177,187; Dec. 11; Serial No. 180,579; published Sept. 25, 1923.
Ice cream. Bridgeman-Russell Co. 175,779; Nov. 13; Serial No. 177,268; published Aug. 28, 1923.
Ice cream. Geo. K. Brown Co. 174,576; Oct. 23; Serial No. 164,576; published July 17, 1923.
Ice cream. City Dairy and Ice Cream Co. 170,846; July 24; Serial No. 165,229; published Mar. 20, 1923.
Ice cream. Diamond Ice Cream Company. 165,582; Mar. 13; Serial No. 162,984; published Nov. 28, 1922.
Ice cream. Dryden Corporation. 169,378; June 12; Serial No. 170,680; published Mar. 27, 1923.
Ice cream. Dryden Corporation. 173,522; Sept. 25.

Classified list of trade-marks registered—Continued.

Ice cream. Elite Confectionery Co. 165,780; Mar. 20; Serial No. 158,035; published Dec. 26, 1922.
Ice cream. Erie County Milk Association. 166,816; Apr. 17; Serial No. 167,237; published Feb. 6, 1923.
Ice cream. Fairmont Creamery Co. 163,315; Jan. 9.
Ice cream. Franklin Ice Cream Company. 176,278; Nov. 20; Serial No. 178,437; published Aug. 21, 1923.
Ice cream. Goodman American Ice Cream Company. 170,648; July 17; Serial No. 169,710; published Apr. 17, 1923.
Ice cream. J. M. Gries. 173,274; Sept. 18; Serial No. 174,832; published June 19, 1923.
Ice cream. Hanselman Candy Company. 177,399; Dec. 18; Serial No. 159,580; published Oct. 2, 1923.
Ice cream. C. A. Hay. 177,033; Dec. 11; Serial No. 160,938; published Sept. 18, 1923.
Ice cream. Hoyler Baking Company. 163,506; Jan. 16.
Ice cream. J. U. Kuhns, jr. 176,892; Dec. 4.
Ice cream. Hydrox Corporation. 174,526; Oct. 16; Serial No. 177,783; published July 24, 1923.
Ice cream. C. C. Madson. 171,466; Aug. 7; Serial No. 166,396; published May 15, 1923.
Ice cream. Miller Ice Cream Company. 177,587; Dec. 18.
Ice cream. Nissley Creamery Company. 166,541; Apr. 10; Serial No. 157,726; published Jan. 9, 1923.
Ice cream. Nissley Creamery Company. 168,548; May 29; Serial No. 158,995; published Mar. 6, 1923.
Ice cream. Sheboygan Dairy Products Co. 171,912; Aug. 14.
Ice cream. P. Smolinsky. 169,812; July 3; Serial No. 166,725; published Apr. 3, 1923.
Ice cream. Stuart & Emerson. 173,171; Sept. 18; Serial No. 168,130; published May 22, 1923.
Ice cream. Watson & Aven. 170,157; July 10; Serial No. 169,343; published Apr. 3, 1923.
Ice cream. E. G. Woolsey. 170,982; July 24.
Ice cream and butter. Carolina Creamery Co. 170,710; July 24; Serial No. 149,504; published Mar. 20, 1923.
Ice cream and butter. Tri-State Ice Cream Corporation. 165,379; Mar. 6; Serial No. 160,035; published Nov. 7, 1922.
Ice cream and frozen-custard biscuit. F. Prestia. 168,558; May 29; Serial No. 166,468; published Feb. 27, 1923.
Ice cream and frozen dainties. F. E. Mayol. 173,622; Oct. 2; Serial No. 165,697; published July 3, 1923
Ice-cream bar. C. G. Louda. 166,506; Apr. 3; Serial No. 163,277; published Jan. 9, 1923.
Ice-cream bar, Chocolate-coated. Vincennes Milk & Ice Cream Co. 166,249; Mar. 27; Serial No. 163,367; published Dec. 5, 1922.
Ice-cream bar, Chocolate-covered. Cairo Food Products Company. 165,514; Mar. 13; Serial No. 163,326; published Dec. 12, 1922.
Ice-cream bar, Chocolate-covered. Cairo Food Products Company. 165,660; Mar. 20; Serial No. 163,325; published Dec. 12, 1922.
Ice-cream bar, Chocolate-covered. Cairo Food Products Company. 166,507; Apr. 3; Serial No. 163,328; published Jan. 9, 1923.
Ice-cream bar, Chocolate-covered. Cairo Food Products Company. 166,867; Apr. 17; Serial No. 163,327; published Dec. 19, 1922.
Ice cream, Chocolate-coated. Flynn Dairy Company. 168,540; May 29; Serial No. 157,763; published May 23, 1922.
Ice cream, Compound of vegetable gums and sugars for use as an ingredient of. Liquid Carbonic Company. 171,161; July 31; Serial No. 176,485; published May 22, 1923.
Ice-cream cones. Brower Candy Co. 163,219; Jan. 2.
Ice-cream cones. J. Gerace. 169,564; June 19.
Ice-cream cones. H. L. Goodwin. 173,618; Oct. 2; Serial No. 165,258; published July 3, 1923.
Ice-cream cones. Walter J. Hirsch Company. 172,203; Aug. 28; Serial No. 172,534; published May 29, 1923.
Ice-cream cones made of milk chocolate. H. L. Scott. 170,649; July 17; Serial No. 170,043; published Apr. 24, 1923.
Ice-cream confections. F. R. Brown. 175,718; Nov. 6.
Ice-cream confections. Square Dipper Specialty Company. 171,175; July 31; Serial No. 171,474; published Mar. 27, 1923.
Ice-cream confections. Sullivan, Hensley & Ponto. 176,018; Nov. 13; Serial No. 177,145; published July 3, 1923.
Ice-cream containers, Edible. Jack Frost Sales Agency. 169,530; June 19; Serial No. 166,299; published Mar. 20, 1923.
Ice-cream containers, Edible. F. A. Muscente. 174,709; Oct. 23; Serial No. 172,758; published July 24, 1923.
Ice-cream dainties, Frozen. C. Pulliam. 173,003; Sept. 11; Serial No. 177,572; published May 29, 1923.
Ice cream, flavored ice, ice-cream bricks, etc. Marchiony Brothers, Inc. 174,918; Oct. 23.
Ice cream inclosed in pastry. G. H. Garnet. 171,144; July 31; Serial No. 161,251; published Apr. 17, 1923.
Ice-cream mix. Troy Milk Products Company. 168,625; May 29; Serial No. 167,742; published Feb. 27, 1923.
Ice cream, Nongelatinous combination of substances for use in manufacturing. Cherry-Bassett-Winner Company. 167,881; May 8; Serial No. 166,132; published Feb. 20, 1923.
Ice cream or analogous confections. Pickaninny Freeze Company of America. 165,796; Mar. 20; Serial No. 163,172; published Dec. 26, 1922.
Ice cream or other frozen dainties. Icy Hunni Co. 173,226; Sept. 18; Serial No. 173,706; published June 26, 1923.
Ice-cream portion. L. A. Sutermeister. 174,712; Oct. 23; Serial No. 172,912; published July 24, 1923.
Ice-cream preparation. W. Klug. 173,851; Oct. 2; Serial No. 174,696; published July 3, 1923.
Ice-cream products, Coated. J. E. Zangmaster. 174,969; Oct. 30; Serial No. 158,352; published Aug. 14, 1923.
Ice cream, sherbet, ices, and frozen dainties. B. B. Cutrer. 168,711; May 29; Serial No. 156,188; published Mar. 13, 1923.
Ice-cream stick. J. P. Morrill. 164,044; Feb. 13.
Ice cream, water ice, frozen fruits, and frozen puddings. Shevers Ice Cream Company, Inc. 165,778; Mar. 20; Serial No. 158,649; published Dec. 26, 1922.
Ice cream, water ices, and sherbets. Baker Ice Cream Company. 169,732; June 26.
Iced confections. Ice Poles, Inc. 177,515; Dec. 18; Serial No. 164,760; published Oct. 2, 1923.
Ices, Edible chocolate-lined shell adapted to contain. Polar Food Products Corp. 176,423; Nov. 27; Serial No. 181,539; published Sept. 11, 1923.
Invertase used in making sugar sirups. American Burtonizing Company and Wallerstein Laboratories. 169,298; June 12; Serial No. 166,340; published Mar. 27, 1923.
Jams. J. C. Forkner Fig Gardens, Incorporated. 175,346; Nov. 6; Serial No. 171,071; published Aug. 14, 1923.
Jams and fruit preserves. N. L. Bennett. 166,897; Apr. 17; Serial No. 165,478; published Feb. 6, 1923.
Jams, jellies, and icings. American Syrup Company. 166,634; Apr. 10; Serial No. 168,192; published Feb. 6, 1923.
Jams, jellies, marmalades, fruit preserves and butters, candies, etc. Frutrite Products Company. 167,697; May 8; Serial No. 166,991; published Feb. 20, 1923.
Jams, vegetable soup, etc., Dehydrated apricot and peach. Caladero Products Company. 170,848; July 24; Serial No. 164,695; published Mar. 27, 1923.
Jellies. Doubrava & Morris. 177,639; Dec. 25; Serial No. 172,588; published Sept. 25, 1923.
Jellies. V. P. Kennard. 173,860; Oct. 2; Serial No. 176,130; published July 3, 1923.
Jellies. V. P. Kennard. 176,153; Nov. 20; Serial No. 169,976; published Aug. 28, 1923.
Jellies, caramel toffees, and other boiler-sugar goods. Walter Robertson & Son, Ltd. 170,582; July 17; Serial No. 167,690; published Apr. 24, 1923.
Jellies, jams, canned fruit, etc. Shenandoah Valley Apple Cider & Vinegar Co. 163,449; Jan. 9.
Jellies, jams, etc., Powder used in making. Joy-Jel Company. 168,717; May 29; Serial No. 163,680; published Mar. 6, 1923.
Jellies, jams, preserves, marmalades, and pickles. C. E. Marvin. 175,122; Oct. 30; Serial No. 176,198; published Aug. 14, 1923.
Jelly, apple butter, and fruit preserves. Blanke-Baer Extract & Preserving Company. 167,111; Apr. 24; Serial No. 163,316; published Jan. 30, 1923.
Lard. Anglo-American Provision Company. 24,555; renewed Apr. 17, 1924.
Lard. P. S. Arthur. 165,867; Mar. 20; Serial No. 165,113; published Jan. 2, 1923.
Lard. Boyd, Lunham & Company. 173,034; Sept. 11; Serial No. 174,607; published June 5, 1923.
Lard. E. Godel & Sons. 177,418; Dec. 18; Serial No. 165,586; published Oct. 2, 1923.
Lard. E. Kahn's Sons Company. 176,638; Nov. 27; Serial No. 165,451; published Sept. 18, 1923.
Lard. North Packing and Provision Company. 23,131; renewed May 30, 1923.
Lard. North Packing and Provision Company. 23,258; renewed June 27, 1923.
Lard. Schaffner Brothers Company. 176,680; Nov. 27; Serial No. 169,930; published Sept. 18, 1923.
Lard. F. G. Vogt & Sons, Inc. 175,790–1; Nov. 13; Serial Nos. 179,756–7; published Sept. 4, 1923.
Lard and butter, Substitute for. Armour & Co. 23,291; renewed July 4, 1923.
Lard and its substitutes. W. J. Wilcox Lard and Refining Company. 22,211; renewed Dec. 20, 1922.
Lard and oil, Hog. W. J. Wilcox Lard and Refining Company. 23,943; renewed Dec. 26, 1923.
Lard and substitute and shortening. Southern Cotton Oil Company. 169,222; June 12; Serial No. 158,062; published Mar. 20, 1923.
Lard substitute. Wynne Lard & Provision Co. 176,804; Nov. 27.
Lard substitute. Wynne Lard & Provision Co. 176,807; Nov. 27.
Lard substitute. Wynne Lard & Provision Co. 176,940; Dec. 4.
Lard, Substitute for. Swift & Company. 22,797; renewed Apr. 11, 1923.
Lard substitute, Vegetable. Cooknut Corporation. 171,127; July 31; Serial No. 175,651; published May 15, 1923.

Lard substitute, Vegetable. Cooknut Corporation 173,774; Oct. 2; Serial No. 175,650; published June 26, 1923.
Lard substitutes. Swift and Company. 167,712; May 8; Serial No. 160,637; published Feb. 27, 1923.
Lard, vinegar, olives, pickles, sauerkraut, etc. C. Perceval. 172,464; Aug. 28; Serial No. 169,819; published May 1, 1923.
Lasagne, lasagnette, tagliarellini, zitoni, etc. United States Macaroni Company, 164,930; Feb. 27.
Laxative, primarily a food product having laxative qualities, Food. E. D. Hunsaker. 165,149; Mar. 6; Serial No. 145,688; published Nov. 7, 1922.
Lemons, Fresh. Corona Foothill Lemon Company. 164,182; Feb. 13.
Lemons, Fresh. Corona Foothill Lemon Company. 167,704; May 8; Serial No. 164,866; published Feb. 6, 1923.
Lemons, Fresh. Corona Foothill Lemon Company. 167,709; May 8; Serial No. 164,865; published Feb. 13, 1923.
Lemons, Fresh. Santa Paula Citrus Fruit Association. 163,533; Jan. 16.
Lemons, Fresh. Santa Paula Citrus Fruit Association. 166,513; Apr. 3; Serial No. 163,701; published Jan. 9, 1923.
Lemons, Fresh. Santa Paula Citrus Fruit Association. 166,514; Apr. 3; Serial No. 163,704; published Jan. 9, 1923.
Lemons, Fresh. Santa Paula Citrus Fruit Association. 171,436; Aug. 7; Serial No. 163,703; published May 8, 1923.
Lemons, Fresh. Santa Paula Citrus Fruit Association. 176,115; Nov. 20; Serial No. 163,702; published Sept. 4, 1923.
Lettuce and cantaloupes, Fresh. Sawdey & Hunt. 174,685; Oct. 23; Serial No. 179,884; published July 31, 1923.
Lettuce, Fresh. Sawdey & Hunt. 175,928; Nov. 13; Serial No. 179,885; published Aug. 28, 1923.
Limes and lemons, Fresh. L. A. Strauss. 175,800; Nov. 13; Serial No. 179,493; published Sept. 4, 1923.
Liquid compound. L. Demartini Supply Company. 169,993; July 10; Serial No. 141,417; published Nov. 29, 1922.
Lollypops. Popsicle Corporation. 177,230; Dec. 11; Serial No. 181,614; published Sept. 25, 1923.
Macaroni. Fortune Products Company. 177,161; Dec. 11; Serial No. 181,884; published Sept. 25, 1923.
Macaroni. F. A. Martoccio Macaroni Co. 173,265; Sept. 18; Serial No. 175,258; published June 19, 1923.
Macaroni. J. Pepe. 166,192; Mar. 27; Serial No. 161,700; published Nov. 28, 1922.
Macaroni. Prince Macaroni Mfg. Co. 166,674; Apr. 10; Serial No. 165,708; published Jan. 30, 1923.
Macaroni. Peter Rossi & Sons Inc. 171,360; Aug. 7; Serial No. 170,730; published May 8, 1923.
Macaroni and olive oil. Kurtz Brothers. 170,468; July 17; Serial No. 167,002; published Apr. 17, 1923.
Macaroni and similar alimentary paste. Alexander Gallerani Company. 165,799; Mar. 20; Serial No. 162,170; published Dec. 26, 1922.
Macaroni and similar alimentary pastes. Alexander Gallerani Company. 163,322; Jan. 9.
Macaroni and spaghetti. Red Star Macaroni Co. 166,891; Apr. 17; Serial No. 167,101; published Jan. 23, 1923.
Macaroni products, canned fruits, vegetables, and fish, evaporated milk, etc. Fontana Food Products Company. 170,507; July 17; Serial No. 172,872; published Apr. 17, 1923.
Macaroni, Shell-shaped. Kansas City Macaroni & Importing Co. 172,071; Aug. 21; Serial No. 177,303; published May 29, 1923.
Macaroni, spaghetti, and vermicelli. Sussman, Wormser & Co. 166,703; Apr. 10; Serial No. 167,431; published Feb. 6, 1923.
Macaroni, spaghetti, macaroni shells, vermicelli, etc. Kansas City Macaroni & Importing Co. 171,169; July 31; Serial No. 171,325; published May 1, 1923.
Macaroni, spaghetti, noodles, and short paste stuff. Liberty Macaroni Manufacturing Co. 168,343; May 22; Serial No. 153,609; published Feb. 27, 1923.
Macaroni, spaghetti, noodles, etc. Liberty Macaroni Manufacturing Co. 176,994; Dec. 11; Serial No. 176,745; published Sept. 25, 1923.
Macaroni, spaghetti, vermicelli, etc. Union Macaroni Company. 166,866; Apr. 17; Serial No. 163,554; published Jan. 30, 1923.
Macaroni, vermicelli, spaghetti. Seattle Macaroni Mfg. Co. 173,514; Sept. 25.
Malt, Barley. Independent Products Co. 163,344; Jan. 9.
Malt extract. Chicago Malt Extract Co. 170,102; July 10; Serial No. 168,754; published Apr. 10, 1923.
Malt extract. Primalt Products Co. 169,168; June 12; Serial No. 167,418; published Mar. 27, 1923.
Malt extract and other food for infants and invalids. Horlicks Food Company. 23,791; renewed Nov. 7, 1923.
Malt extract for food purposes. M. A. Hurwitz. 169,345; June 12; Serial No. 170,777; published Mar. 27, 1923.
Malt extract for food purposes. L. Stetelman. 173,136; Sept. 18; Serial No. 178,298; published June 12, 1923.
Malt extract for food purposes. A. F. Stoy. 166,103; Mar. 27; Serial No. 164,841; published Dec. 19, 1922.
Malt extract for food purposes. O. Thoma. 177,205; Dec. 11; Serial No. 179,240; published Sept. 25, 1923.
Malt extract, macaroni, olive oil, table sirup, etc. Blanchette-Gazzara Corp. 165,569; Mar. 13; Serial No. 161,107; published Dec. 26, 1922.
Malt extract, Pure. Pacific Malt & Hop Co. 177,507; Dec. 18; Serial No. 152,767; published Sept. 18, 1923.
Malt extracts for food purposes. S. L. Goldman. 165,992; Mar. 27; Serial No. 166,068; published Dec. 12, 1922.
Maple cream, sirup, sugar, and honey, sauce for ice cream. Maple Grove Candies, Inc. 170,706; July 24; Serial No. 154,522; published Apr. 17, 1923.
Marmalade. Florida Products Company. 176,532; Nov. 27; Serial No. 182,505; published Sept. 11, 1923.
Marmalade and jellies. N. A. Twaits. 175,749; Nov. 13; Serial No. 165,169; published Aug. 28, 1923.
Marmalade, jams, and preserved fruits. T. K. Mott. 173,376; Sept. 25; Serial No. 176,850; published July 3, 1923.
Marmalade, Orange. E. G. Driffill. 168,651; May 29; Serial No. 165,784; published Feb. 13, 1923.
Margarine and butter substitutes. Jacob Dold Packing Co. 163,686; Jan. 23.
Margarine, Nut. E. F. Drew & Co. 167,215; Apr. 24; Serial No. 163,619; published Dec. 19, 1922.
Marrons and assorted fruits. G. B. Raffetto, Inc. 165,977; Mar. 27; Serial No. 160,974; published Nov. 28, 1922.
Mash, Chick. American Milling Company. 173,021; Sept. 11; Serial No. 172,926; published June 5, 1923.
Mash, Egg. American Milling Company. 173,022; Sept. 11; Serial No. 172,925; published June 5, 1923.
Masticatories. J. H. Walter. 171,303; Aug. 7; Serial No. 164,738; published May 15, 1923.
Matzos. B. Manischewitz Company. 166,778; Apr. 10.
Matzos. B. Manischewitz Company. 167,289; Apr. 24.
Matzos. Redelheim Matzo Co. 165,108; Mar. 6; Serial No. 140,207; published Nov. 7, 1922.
Matzoths. A. Goodman & Sons, Inc. 175,824; Nov. 13; Serial No. 162,732; published Sept. 4, 1923.
Mayonnaise. Atmore and Son, Inc. 170,449; July 17; Serial No. 172,196; published Apr. 10, 1923.
Mayonnaise, catchup, Thousand Island dressing, etc. F. M. Casler. 173,186; Sept. 18; Serial No. 168,755; published June 26, 1923.
Mayonnaise dressing. H. A. Orthmann. 168,470; May 22; Serial No. 167,582; published Feb. 13, 1923.
Mayonnaise dressing. C. Vander Koogh. 171,649; Aug. 7.
Mayonnaise dressing. C. Wilkens Company. 170,913; July 24; Serial No. 138,247; published Dec. 12, 1922.
Mayonnaise dressing for foodstuffs. Eskay Products Company. 168,576; May 29; Serial No. 167,230; published Mar. 6, 1923.
Mayonnaise dressing, jams, and jellies. Tea Rose Corporation. 166,350; Apr. 3; Serial No. 138,657; published Jan. 9, 1923.
Mayonnaise dressing, peanut butter, cocoa, etc. Champlain Valley Fruit Co. 177,198; Dec. 11; Serial No. 178,713; published Sept. 25, 1923.
Mayonnaise, salad and Thousand Island dressings for salads. Mrs. Porter's Salad Dressing, Inc. 175,698; Nov. 6.
Mayonnaise, salad oil, white and cider vinegar, and mustard. Garden State Distributing Co. 164,053; Feb. 13.
Meal and grits, horse, cow, and hen feed, etc., Corn. Western Grain Company. 176,763; Nov. 27; Serial No. 175,117; published Aug. 21, 1923.
Meal, Oil. Spencer Kellogg & Sons, Inc. 167,208; Apr. 24; Serial No. 165,138; published Dec. 19, 1922.
Meal, Steam bone mineral. United Chemical and Organic Products Co. 177,626; Dec. 25; Serial No. 182,190; published Oct. 2, 1923.
Meat extracts. Fred Walker & Co. Proprietary Limited. 166,873; Apr. 17; Serial No. 162,087; published Feb. 6, 1923.
Meat pie. E. Eckl. 164,963; Feb. 27.
Meat pies, dumplings, etc. W. H. Brooks. 172,611; Sept. 11; Serial No. 167,597; published June 5, 1923.
Meat products. J. Branfman. 163,286; Jan. 9.
Meat products. Hygrade Provision Co. 170,210; July 10; Serial No. 138,568; published Apr. 10, 1923.
Meat seasonings. Wolf, Sayer & Heller, Inc. 170,993; July 24.
Meat, tongues, meat meal, and preserved meat, Extract of. Oxo, Limited. 166,084; Mar. 27; Serial No. 157,897; published Oct. 17, 1922.
Meats and lard, Smoked and cured. Jacob Dold Packing Co. 166,336; Mar. 27.
Meats and meat products. N. Auth Prov. Co. 173,629; Oct. 2; Serial No. 162,092; published July 3, 1923.
Meats and meat products. N. Auth Prov. Co. 173,644 Oct. 2; Serial No. 162,093; published July 3, 1923.
Meats, dried beef, sausage, ham, bacon, lard, and butter, Smoked. Iowa Packing Co. 172,461; Aug. 28; Serial No. 160,290; published May 1, 1923.
Meats, fresh sausage, and extract of beef, Smoked and canned. Cudahy Packing Company. 165,819; Mar. 20; Serial No. 165,782; published Jan. 2, 1923.

Classified list of trade-marks registered—Continued.

Meats, Frozen and preserved. New Zealand Refrigerating Company. 165,979; Mar. 27; Serial No. 161,382; published Dec. 26, 1922.
Meats, hams, bacon, etc. Illinois Meat Company. 176,621; Nov. 27; Serial No. 174,306; published Sept. 18, 1923.
Meats, lard, eggs, etc. Allied Packers, Incorporated. 176,087; Nov. 13.
Meats, Smoked. Virden Packing Company. 170,709; July 24; Serial No. 142,184; published May 8, 1923.
Milk. Natoma Farm. 170,978; July 24.
Milk and a powder containing cocoa, sugar and skimmed milk, Powdered. Empire Food Products Company. 170,909; July 24; Serial No. 151,358; published Apr. 3, 1923.
Milk and baby foods, Powdered. Fraser Milk Products Co. 173,375; Sept. 25; Serial No. 177,480; published July 10, 1923.
Milk and buttermilk. Supplee-Wills-Jones Milk Company. 175,707; Nov. 6.
Milk and cream. Beatrice Creamery Company. 173,261; Sept. 18; Serial No. 175,459; published June 19, 1923.
Milk and cream. A. M. Richards. 167,472; May 1; Serial No. 166,957; published Dec. 12, 1922.
Milk and cream, butter, cheese, eggs, etc., Raw. W. Mellor. 176,510; Nov. 27; Serial No. 166,082; published July 31, 1923.
Milk and cream, butter, milk, and cottage cheese, Raw. Kelly-Lester Milk Company. 172,610; Sept. 11; Serial No. 168,717; published June 5, 1923.
Milk and cream, Evaporated. W. B. Fair. 168,567–8; May 29; Serial Nos. 166,881–2; published Feb. 27, 1923.
Milk, Bottled, Kokomo Grocers Dairy Products Company. 176,861; Dec. 4; Serial No. 168,533; published Sept. 11, 1923.
Milk, butter. C. J. Davol. 176,687; Nov. 27; Serial No. 167,714; published July 31, 1923.
Milk, butter, and ice cream, Fresh. Evansville Pure Milk Co. 175,221; Oct. 30.
Milk, butter, eggs, and cheese, Raw and pasteurized. H. N. Brawner, jr. 172,566; Sept. 11; Serial No. 170,739; published May 1, 1923.
Milk, butter, eggs, and cheese, Raw and pasteurized. H. N. Brawner, jr. 172,684; Sept. 11; Serial No. 161,349; published May 15, 1923.
Milk, canned vegetables, fruit, etc., Evaporated. John Hoffmann & Sons Co. 176,839; Dec. 4; Serial No. 178,249; published Aug. 21, 1923.
Milk, Condensed. Helvetia Milk Condensing Company. 167,303; Apr. 24.
Milk, Condensed. Nestlé & Anglo-Swiss Condensed Milk Co. 176,697; Nov. 27; Serial No. 157,625; published Sept. 11, 1923.
Milk, Condensed. Nestlé & Anglo-Swiss Condensed Milk Co. 177,427; Dec. 18; Serial No. 157,629; published Sept. 18, 1923.
Milk, Condensed and evaporated. Dairymen's League Co-Operative Association, Inc. 173,135; Sept. 18; Serial No. 178,376; published June 12, 1923.
Milk, cream, and chocolate milk food beverages. Sterling Milk Company. 176,102; Nov. 13.
Milk, cream, and milk-chocolate drinks, Preserved. Sterling Milk Company. 176,287; Nov. 20; Serial No. 178,297; published Sept. 4, 1923.
Milk, cream, butter, cheese, and ice cream. H. P. Hood & Sons. 177,137; Dec. 11; Serial No. 146,215; published June 6, 1922.
Milk, cream, buttermilk. Supplee-Wills-Jones Milk Company. 177,706; Dec. 25; Serial No. 164,457; published Oct. 2, 1923.
Milk culture. Lacteal Analytical Laboratories, Inc. 169,196; June 12; Serial No. 169,767; published Mar. 27, 1923.
Milk, Evaporated. Defiance Dairy Products Company. 177,299; Dec. 18; Serial No. 174,129; published Oct. 2, 1923.
Milk, Evaporated. L. L. Lyons. 173,498; Sept. 25; Serial No. 175,668; published June 19, 1923.
Milk, Evaporated. National Dairy Company. 168,797; May 29; Serial No. 142,994; published Mar. 6, 1923.
Milk, Evaporated. Troy Milk Products Company. 174,916; Oct. 23.
Milk, Fermented. Malone Dairy Co. 166,895; Apr. 17; Serial No. 165,804; published Jan. 30, 1923.
Milk, Fermented bottled. Lederle Antitoxin Laboratories. 169,164; June 12; Serial No. 167,136; published Mar. 27, 1923.
Milk for nursery and sick-room use, Pure. Walker-Gordon Laboratory Co. 23,043; renewed May 16, 1923.
Milk for use in making beverages, Malted. J. A. Harris. 167,817; May 8; Serial No. 161,885; published Feb. 20, 1923.
Milk, Fresh. Matthews Selected Dairies Company. 167,237; Apr. 24; Serial No. 159,603; published Dec. 26, 1922.
Milk powder, Whole-. Merrell-Soule Company. 171,105; July 31; Serial No. 174,474; published May 8, 1923.
Milk, Powdered. International Dry Milk Co. 170,698–700; July 24; Serial Nos. 155,689–91; published Apr. 24, 1923.
Milk, Powdered. Merrell-Soule Company. 173,222; Sept. 18; Serial No. 174,146; published June 19, 1923.
Milk products, ice cream, and confections. J. D. Roszell. 177,280; Dec. 11.
Milk solids to be used as a tonic for poultry and hogs, Products consisting of. California Central Creameries. 163,291; Jan. 9.
Milk without sugar, Concentrated. Nestlé & Anglo-Swiss Condensed Milk Co. 176,695; Nov. 27; Serial No. 157,628; published Sept. 18, 1923.
Milling products. Berea Milling Co. 177,504; Dec. 18; Serial No. 145,933; published Apr. 3, 1923.
Mincemeat. T. F. B. Sotham. 170,444; July 17; Serial No. 172,126; published Apr. 10, 1923.
Mincemeat, plum pudding, and fig pudding. Charles A. Rauscher & Co. 176,961; Dec. 11; Serial No. 177,622; published Aug. 21, 1923.
Mints. H. W. Alexander, jr. 168,565; May 29; Serial No. 166,802; published Mar. 6, 1923.
Molasses. Boston Molasses Company. 168,543; May 29; Serial No. 158,212; published Feb. 27, 1923.
Molasses. Mifflin Chemical Corp. 169,127; June 5.
Molasses. Penick & Ford, Ltd., Incorporated. 169,344; June 12; Serial No. 170,692; published Mar. 27, 1923.
Molasses. Wm. Wirt Wickes & Son. 175,110; Oct. 30; Serial No. 176,930; published Aug. 14, 1923.
Molasses and sirup, ground spices, and candies, Table. Malone & Hyde, Inc. 164,670; Feb. 27.
Mushroom paste. A. G. Hupfel, jr. 171,577; Aug. 7; Serial No. 172,382; published May 22, 1923.
Mushroom sauce, olive oil, dry mushrooms, concentrated paste, etc. Podesta Import Company. 167,084; Apr. 24; Serial No. 152,586; published Dec. 26, 1922.
Mustard. Charles Gulden, Inc. 164,923; Feb. 27.
Mustard, honey, pickles, etc., Prepared. W. Diehnelt, Inc. 176,907. Dec. 4.
Mustard, mayonnaise and olive relishes, Prepared. Maryland Packing Co. 169,402; June 12; Serial No. 160,145; published Mar. 27, 1923.
Mustard, tartar, and mayonnaise dressings. A. Julien. 166,901; Apr. 17; Serial No. 164,595; published Feb. 6, 1923.
Mustard, vinegar, tomato catchup, coffee, etc., Prepared A. B. Gray. 173,933; Oct. 2; Serial No. 177,485; published July 17, 1923.
Mutton, lamb, beef, and tallow. New Zealand Refrigerating Company Limited. 167,441; May 1; Serial No. 161,371; published Jan. 30, 1923.
Noodles. C. Foltzer. 173,352; Sept. 25; Serial No. 166,503; published June 26, 1923.
Noodles, Home-Made Noodle Co. 163,435; Jan. 9.
Noodles and alimentary paste products. John B. Canepa Company. 168,574; May 29; Serial No. 167,166; published Feb. 27, 1923.
Nut butter. Battle Creek Food Company. 175,371; Nov. 6; Serial No. 175,057; published Aug. 14, 1923.
Nut food, Prepared. Battle Creek Food Company. 170,860; July 24; Serial No. 168,509; published Mar. 27, 1923.
Nut meats, Salted. National Nut Products Co. 174,912; Oct. 23; Serial No. 179,109; published July 31, 1923.
Nuts. Colonial Novelty Co. 168,669; May 29; Serial No. 152,740; published Feb. 20, 1923.
Nuts and candy, Chocolate-coated. O. P. Catsigianis. 171,421; Aug. 7; Serial No. 172,257; published May 8, 1923.
Nuts and glacé fruit candies. Charles S. Cash, Inc. 163,813; Jan. 30.
Nuts and nut products. United Fig & Date Co. 173,612; Oct. 2; Serial No. 157,701; published July 3, 1923.
Nuts and peanut butter. Famo Nut Co. 169,280; June 12; Serial No. 132,934; published Mar. 27, 1923.
Nuts and peanut butter. Pedigreed Products Corporation. 176,700; Nov. 27; Serial No. 176,648; published Sept. 11, 1923.
Nuts and peanut butter. Pedigreed Products Corporation. 177,727; Dec. 25; Serial No. 176,647; published Sept. 18, 1923.
Nuts, Brazil. United Fig & Date Company, The. 173,378; Sept. 25; Serial No. 176,298; published July 3, 1923.
Nuts, Candied and salted. E. Steeves. 166,515; Apr. 3; Serial No. 163,716; published Jan. 9, 1923.
Nuts in the shell and shelled, salted and candied nuts, and glace fruit candies. Charles S. Cash, Inc. 166,904; Apr. 17; Serial No. 163,613; published Feb. 6, 1923.
Nuts, Mixed. Graham Co. 177,597; Dec. 18.
Nuts, Mixed. Graham Co. Inc. 167,333; Apr. 24.
Nuts, Salted and unsalted. A. S. Plowman. 165,851; Mar. 20; Serial No. 153,155; published Dec. 26, 1922.
Nuts, Shelled. Great Atlantic and Pacific Tea Company. 169,197; June 12; Serial No. 169,744; published Mar. 27, 1923.
Oat flour or meal, Prepared. Fleming & Company. 176,198; Nov. 20; Serial No. 124,262; published June 21, 1921.
Oatmeal and similar oat foods. H-O (Hornby's Oatmeal) Company. 23,779; renewed Oct. 31, 1923.
Oats and wheat food, Rolled. Quaker Oats Company. 172,768; Sept. 11; Serial No. 174,335; published June 5, 1923.
Oats, coffee, salted peanuts, etc., Rolled. G. E. Bursley & Company. 176,758; Nov. 27; Serial No. 175,183; published July 31, 1923.

Oats, corn meal and flakes, wheat flour, etc., Rolled. American Hominy Company. 163,547; Jan. 23.
Oats, corn meal, wheat flour, rye flour, etc., Rolled. Quaker Oats Company. 176,874; Dec. 4; Serial No. 181,647; published Sept. 25, 1923.
Oats, Rolled. Quaker Oats Company. 176,850; Dec. 4; Serial No. 174,751; published Sept. 4, 1923.
Oats, Rolled. Quaker Oats Company. 173,012; Sept. 11; Serial No. 173,983; published June 5, 1923.
Oats, Rolled. Rich Brothers Cereal Company. 175,425; Nov. 6; Serial No. 174,031; published May 15, 1923.
Oats, Rolled. Wimberley Grocer Co. 167,123; Apr. 24; Serial No. 164,984; published Dec. 19, 1922.
Oats, split peas, hominy, farina, etc., Rolled. Albers Bros. Milling Co. 177,227; Dec. 11; Serial No. 175,753; published Sept. 25, 1923.
Oats, velvet meal, corn grits, etc., Rolled. Nebraska City Cereal Mills. 22,212; renewed Dec. 27, 1922.
Oats, wheat cereal, bran flakes, etc. Washburn Crosby Company. 177,829; Dec. 25.
Oil and canned anchovies, Olive. A. Russo. 172,064; Aug. 21; Serial No. 177,411; published May 29, 1923.
Oil and canned fruits and vegetables, Olive. Mouquin Restaurant and Wine Company. 174,031; Oct. 2; Serial No. 176,687; published June 19, 1923.
Oil, caraway and celery seeds, cocoa butter, etc., Olive. Sun Drug Company. 170,912; July 24; Serial No. 139,632; published Apr. 3, 1923.
Oil, Cottonseed. Cella's, Inc. 173,143; Sept. 18; Serial No. 178,090; published June 12, 1923.
Oil, Cottonseed. Cooknut Corporation. 171,052; July 31; Serial No. 175,652; published May 15, 1923.
Oil, Edible corn. Corn Products Refining Co. 171,176; July 31; Serial No. 171,487; published May 1, 1923.
Oils, Edible, cottonseed, and vegetable. American Cotton Oil Company. 173,090; Sept. 18; Serial No. 177,812; published June 12, 1923.
Oil flavored with olive oil, Vegetable. Strohmeyer & Arpe Company. 168,571; May 29; Serial No. 166,959; published Feb. 20, 1923.
Oil for frying, cooking, etc., Cottonseed. Great Atlantic and Pacific Tea Company. 174,609; Oct. 23; Serial No. 176,106; published July 24, 1923.
Oil for salad and cooking, Vegetable. American Cotton Oil Company. 168,644; May 29; Serial No. 165,575; published Feb. 20, 1923.
Oil for salads and cooking. American Cotton Oil Company. 170,400; July 17; Serial No. 171,520; published Apr. 10, 1923.
Oil, oleomargarine, cooking fats, etc., Cottonseed. Procter and Gamble Company. 177,189; Dec. 11; Serial No. 177,996; published Sept. 18, 1923.
Oil, Olive. C. Basilea & Co. 168,612; May 29; Serial No. 168,912; published Feb. 13, 1923.
Oil, Olive. Bertini Bros. 166,454; Apr. 3; Serial No. 166,034; published Jan. 16, 1923.
Oil, Olive. Buenaventura Balcells Vallbona. 171,489; Aug. 7; Serial No. 135,438; published May 22, 1923.
Oil, Olive. G. Cinelli Company. 165,030; Feb. 27.
Oil, Olive. Corrado & Marranzini. 173,626; Oct. 2; Serial No. 164,493; published June 5, 1923.
Oil, Olive. F. & J. di Palma. 169,163; June 12; Serial No. 166,878; published Mar. 27, 1923.
Oil, Olive. S. Fazio. 166,024; Mar. 27; Serial No. 163,577; published Dec. 5, 1922.
Oil, Olive. A. Gash. 164,086; Feb. 13.
Oil, Olive. Giacomo Costa Fu Andrea. 166,154; Mar. 27; Serial No. 155,168; published Dec. 5, 1922.
Oil, Olive. H. Janssen & Co. 172,028; Aug. 21; Serial No. 167,642; published May 29, 1923.
Oil, Olive. H. Karlin. 173,784; Oct. 2; Serial No 176,550; published July 3, 1923.
Oil, Olive. H. Karlin. 175,860; Nov. 13; Serial No. 175,497; published Aug. 14, 1923.
Oil, Olive. G. Lingua & Co. 168,158; May 15; Serial No. 165,237; published Feb. 13, 1923.
Oil, Olive. J. Lupi. 165,950; Mar. 27; Serial No. 132,869; published Dec. 12, 1922.
Oil, Olive. Mailliard & Schmiedell. 170,872; July 24; Serial No. 165,801; published Apr. 24, 1923.
Oil, Olive. Mailliard & Schmiedell. 170,922; July 24; Serial No. 165,802; published Apr. 24, 1923.
Oil, Olive. R. Martorelli. 170,703; July 24; Serial No. 152,269; published May 9, 1922.
Oil, Olive. Patrician Olive Oil Corp. 168,360; May 22; Serial No. 165,460; published Feb. 13, 1923.
Oil, Olive. C. Perceval. 173,770; Oct. 2; Serial No 176,913; published July 3, 1923.
Oil, Olive. Joseph Petrocelli & Co. 177,262; Dec. 11; Serial No. 169,181; published Sept. 25, 1923.
Oil, Olive. Rome Importing Co. 171,639; Aug. 7.
Oil, Olive. Rome Importing Co. 173,776; Oct. 2; Serial No. 175,680; published June 26, 1923.
Oil, Olive. F. Romeo & Co. 170,979; July 24.
Oil, Olive. F. Romeo & Co. 176,690; Nov. 27; Serial No. 167,364; published Aug. 21, 1923.
Oil, Olive. G. Sensat Hijos. 164,118; Feb. 13.
Oil, Olive. Theodore & Levas. 165,823; Mar. 20; Serial No. 165,511; published Jan. 2, 1923.
Oil, Olive. John Vittucci Company. 173,588; Sept. 25.
Oil, Salad. Lebannon Oil Co. 171,761; Aug. 14; Serial No. 160,416; published May 15, 1923.
Oil, Salad and cooking. H. E. Havens. 170,520; July 17; Serial No. 172,738; published Apr. 17, 1923.
Oil, Salad vegetable. Reliable Importing Company. 170,446; July 17; Serial No. 172,174; published Apr. 10, 1923.
Oil, Vegetable. Joe Lowe Co. 164,125; Feb. 13.
Oil, Vegetable salad. Reliable Importing Co. 169,307; June 12; Serial No. 168,238; published Mar. 27, 1923.
Oil, Winter-pressed cottonseed salad. A. Gash. 173,445; Sept. 25; Serial No. 173,819; published June 26, 1923.
Oils and fats, Edible. American Cotton Oil Company. 175,734; Nov. 13; Serial No. 178,944; published Sept. 4, 1923.
Oils, Edible. De Bruyn Limited. 171,742; Aug. 14; Serial No. 169,125; published May 8, 1923.
Oils, fats, and combinations thereof, Edible. American Cotton Oil Company. 175,852; Nov. 13; Serial No. 176,709; published Aug. 28, 1923.
Oils for mechanical and food purposes, Cottonseed. American Cotton Oil Company. 23,776; renewed Oct. 31, 1923.
Oils, macaroon paste, crystallized fruit candies, etc., Salad and cooking. California Prune & Apricot Growers, Inc. 176,727; Nov. 27; Serial No. 172,932; published Aug. 21, 1923.
Oils, Olive Elysee Olive Oil Company. 167,972; May 8.
Oils, Olive and salad. Strohmeyer & Arpe Company. 171,200; July 31; Serial No. 151,237; published May 1, 1923.
Oils, Vegetable. Puget Sound Oil Works Inc. 176,105; Nov. 20; Serial No. 140,398; published Aug. 21, 1923.
Oleo, oleo oil, and shortening. Consolidated Rendering Co. 172,462; Aug. 28; Serial No. 162,723; published May 8, 1923.
Oleo, oleo oil, and shortening. Consolidated Rendering Company. 177,225; Dec. 11; Serial No. 175,187; published Sept. 18, 1923.
Oleaginous or unctuous food substances, Prepared fatty. Southern Cotton Oil Company. 168,645; May 29; Serial No. 165,605; published Feb. 27, 1923.
Oleomargarine. Glidden Nut Butter Company. 170,669; July 17; Serial No. 159,506; published Feb. 13, 1923.
Oleomargarine. Jaburg Brothers, Inc. 176,455; Nov. 27; Serial No. 176,630; published Sept. 11, 1923.
Oleomargarine. Morris & Company. 167,112–13; Apr. 24; Serial Nos. 163,346–7; published Dec. 19, 1922.
Oleomargarine. Morris & Company. 170,798; July 24; Serial No. 170,443; published Mar. 13, 1923.
Oleomargarine. E. A. Stevenson & Co. 167,025; Apr. 24; Serial No. 161,899; published Dec. 12, 1922.
Olive butter. E. W. Jeffress, Inc. 165,653; Mar. 13.
Olives. Bolivar Packing Company. 175,617; Nov. 6; Serial No. 180,835; published Aug. 21, 1923.
Olives, allspice, savory, mustard, etc. Chas. W. Bauermeister Co. 171,313; Aug. 7; Serial No. 166,932; published May 15, 1923.
Olives and olive oil. Wyandotte Olive Growers Association. 166,502; Apr. 3; Serial No. 162,789; published Jan. 16, 1923.
Olives, Ripe. Curtis Corporation. 169,705; June 26.
Onions. W. R. Wedrick. 173,946; Oct. 2; Serial No 177,941; published July 17, 1923.
Oranges. Sanger Citrus Ass'n. 168,602; May 29; Serial No. 168,492; published Mar. 6, 1923.
Oranges and lemons. L. A. Banks. 172,620; Sept. 11; Serial No. 161,960; published Dec. 26, 1922.
Oranges and lemons, Fresh. Escondido Citrus Union 173,789; Oct. 2; Serial No. 177,369; published July 3 1923.
Oranges, bananas, mangoes, jam, etc. W. L. Kann. 176,529; Nov. 27; Serial No. 182,824; published Sept. 18, 1923.
Oranges, Fresh. Buckeye Nurseries, Inc. 165,983; Mar. 27; Serial No. 162,329; published Dec. 5, 1922.
Oranges, Fresh. R. Krasnow & Sons, Inc. 163,353; Jan. 9.
Oranges, Fresh. Santiago Orange Growers Association. 164,661; Feb. 27.
Oranges, grapefruit, and citrous fruit. J. M. Knight. 171,270; July 31; Serial No. 168,848; published May 1, 1923.
Oranges, grapefruit, tangerines, etc., Fresh. J. C. Lee, sr. 166,421; Apr. 3; Serial No. 164,815; published Jan. 9, 1923.
Oranges, grapefruit, tangerines, etc., Fresh. Leesburg Packing House. 166,422; Apr. 3; Serial No. 164,813; published Jan. 9, 1923.
Oysters. S. B. Field, 171,343; Aug. 7; Serial No. 173,184; published May 8, 1923.
Oysters. Haas Brothers. 24,182; renewed Feb. 6, 1924.
Oysters. McNasby Oyster Co. 172,946; Sept. 11; Serial No. 155,269; published June 5, 1923.
Oysters. J. C. Walker & Bros. 175,396; Nov. 6; Serial No. 155,848; published Mar. 27, 1923.
Oysters and clams, cooked lobsters, scallops, etc. J. G. Patton. 172,774; Sept. 11; Serial No. 101,176; published June 5, 1923.
Oysters, Fresh. Goodwin Oyster Company. 163,817; Jan. 30.
Paprika and spices. E. Miltenberg, Inc. 170,158; July 10; Serial No. 169,407; published Apr. 3, 1923.

Classified list of trade-marks registered—Continued.

Paprika and spices, Spanish. E. Flores. 174,793; Oct. 23; Serial No. 174,567; published July 24, 1923.
Paste products, Alimentary. A. Goodman & Sons, Inc. 176,682; Nov. 27; Serial No. 169,545; published Sept. 11, 1923.
Pastes, Alimentary. La Cie. C. H. Catelli, Limited. 174,951; Oct. 30; Serial No. 166,348; published Aug. 14, 1923.
Pastes, Alimentary. Seattle Macaroni Mfg. Co. 170,988; July 24.
Paste products, Alimentary Wisconsin Macaroni Company. 164,975; Feb. 27.
Pastries. Py-Et Company. 170,802; July 24; Serial No. 169,456; published Feb. 27, 1923.
Pastry. O. Davis and C. R. Ridgway. 167,435; May 1; Serial No. 163,216; published Jan. 30, 1923.
Pastry. National Cream Fried Cake Corporation. 166,282; Mar. 27; Serial No. 148,810; published Nov. 7, 1922.
Pastry and cakes and macaroon tarts. Victoria Pastry Co. 170,836; July 24; Serial No. 157,457; published Mar. 27, 1923.
Pastry, doughnuts, bread, cake, potato chips, etc. Home Dairy Company. 176,952; Dec. 11; Serial No. 147,288; published Mar. 14.
Pastry, fruit tarts and pies. H. Zincke. 167,212; Apr. 24; Serial No. 164,847; published Jan. 30, 1923.
Pastry preparation. B. Heller and Company. 174,138 Oct. 2.
Peanut butter. Kidd and Company. 175,777; Nov. 13; Serial No. 177,304; published Aug. 14, 1923.
Peanut butter. Nash Coffee Company. 166,439; Apr. 3; Serial Nos. 166,901–2; published Jan. 16, 1923.
Peanut butter. Nash Coffee Company. 169,026; May 29.
Peanut butter. E. K. Pond Company. 171,627; Aug. 7; Serial No. 176,427; published May 22, 1923.
Peanut butter. L. Snow. 174,527; Oct. 16; Serial No. 177,877; published July 24, 1923.
Peanut butter. G. Townsend. 171,463; Aug. 7; Serial No. 167,855; published May 8, 1923.
Peanut butter and salted peanuts. G. Q. Townsend. 166,903; Apr. 17; Serial No. 164,280; published Feb. 6, 1923.
Peanut butter, butter, cereals, coffee, tea, etc. W. H. Johnson. 177,645; Dec. 25; Serial No. 162,932; published Aug. 21, 1923.
Peanut butter, olives, mustard, chow relish. Walter J. Hirsch Co. 170,584; July 17; Serial No. 157,523; published Apr. 24, 1923.
Peanut jam. Honey Products Co. 170,557; July 17; Serial No. 173,769; published Apr. 24, 1923.
Peanuts and all kinds of nut meats and nut products. C. A. Coari. 173,354; Sept. 25; Serial No. 162,917; published June 26, 1923.
Peanuts and almonds, peanut butter, olive oil, etc., Salted. Kondit Co. 173,096; Sept. 11.
Peanuts and salted almonds, Salted. H. D. Sawkins. 170,746; July 24; Serial No. 173,580; published Apr. 24, 1923.
Peanuts in the shell. J. E. Clancy. 166,448; Apr. 3; Serial No. 166,346; published Jan. 16, 1923.
Peanuts, peanut candies, and peanut butter, Salted. Lummis & Co. 169,499; June 19; Serial No. 156,230; published June 13, 1923.
Peanuts prepared with meat extract. H. G. Craven 173,643; Oct. 2; Serial No. 158,815; published July 10 1923.
Peanuts, Roasted. Betterton-Rupert Coffee Co. 177,775; Dec. 25; Serial No. 183,904; published Oct. 9, 1923.
Peanuts, Roasted and salted. R. J. George. 171,435; Aug. 7; Serial No. 163,795; published May 8, 1923.
Peanuts, Salted. National Food Products Co. 173,561; Sept. 25.
Peanuts, Sugar-coated. G. J. Bulubassis. 177,089; Dec. 11; Serial No. 173,590; published Sept. 11, 1923.
Pecans. S. G. Simons. 169,024; May 29.
Pectin, fruit preserves, jelly, etc., containing added pectin, Concentrated fruit. H. L. Hulburt. 173,184; Sept. 18; Serial No. 169,249; published June 26, 1923.
Pickles. American Pickle & Canning Company. 170,518; July 17; Serial No. 172,716; published Apr. 17, 1923.
Pickles. American Pickle & Canning Company. 171,413; Aug. 7; Serial No. 172,717; published May 8, 1923.
Pickles. E. W. Maffitt. 173,808; Oct. 2; Serial No 171,371; published May 15, 1923.
Pickles and canned vegetables. American Pickle & Canning Company. 171,311; Aug. 7; Serial No. 166,621; published May 15, 1923.
Pickles and canned vegetables. American Pickle & Canning Company. 174,997; Oct. 30; Serial No. 172,715; published Aug. 14, 1923.
Pickles and condiments. Price-Booker Manufacturing Company. 171,099; July 31; Serial No. 174,100; published May 8, 1923.
Pickles, canned vegetables, vinegar, horse-radish, etc., Bulk, bottled, and canned. Pepin Pickling Co. 166,072; Mar. 27; Serial No. 159,526; published Dec. 12, 1922.
Pickles, catchup, sauerkraut, etc. Hyman Pickle Co 174,149; Oct. 2.
Pickles, catchup, tomato paste, vinegar, mustard, etc. Williams Food Co. 167,053; Apr. 24; Serial No. 161,603; published Feb. 6, 1923.
Pickles, Crystallized sweet. L. Curtiss. 170,071; July 10; Serial No. 165,913; published Mar. 27, 1923.
Pickles, Sweet. Fa-Mo Company. 174,946; Oct. 30; Serial No. 167,592; published Aug. 14, 1923.
Pickles, tomato catchup, cider vinegar, etc., Sweet. California Supply Company. 165,441; Mar. 13; Serial No. 165,346; published Jan. 2, 1923.
Pickles, vinegar, fruit jellies and preserves, etc. Roscoe Haegelin Co. 177,145; Dec. 11; Serial No. 152,276; published Nov. 22, 1921.
Pie-filling meringue powder and jell for making desserts. Wilkes & Seaman Co. 164,987; Feb. 27.
Pies. Pittsford Purity Pie Company. 165,947; Mar. 20.
Pies. Simon Hubig Company. 165,633–4; Mar. 13.
Pies. Simon Hubig Company. 165,636–7; Mar. 13.
Pies. Simon Hubig Company. 165,639; Mar. 13.
Pies. Simon Hubig Company. 165,657–9; Mar. 13.
Pies. Simon Hubig Company. 166,297; Mar. 27.
Pies. J. Kalt, jr. 170,947; July 24; Serial No. 167,918; published Mar. 20, 1923.
Pies. Wagner Pastry Company. 165,380; Mar. 6; Serial No. 159,911; published Dec. 5, 1922.
Pies, cakes, bread, and pastries. C. W. Gosney. 172,463; Aug. 28; Serial No. 169,757; published May 8, 1923.
Pies, dumplings, etc., Meat. W. H. Brooks. 173,175; Sept. 18; Serial No. 170,806; published June 26, 1923.
Pies, Lemon-meringue. Sunkist Lemon Pie Company. 176,568; Nov. 27; Serial No. 178,576; published Sept. 18, 1923.
Pigeons, squabs, or poultry, Live or dressed. J. M. Pun. 168,595; May 29; Serial No. 164,720; published Feb. 13, 1923.
Pimientos, Pickled. Sylmar Packing Corporation. 176,541; Nov. 27; Serial No. 182,449; published Sept. 11, 1923.
Pineapple glacé, glacé assorted fruits, and crystallized ginger. Causse Manufacturing & Importing Co. 173,762; Oct. 2; Serial No. 177,274; published July 3, 1923.
Pop corn and other pop-corn confections, Candied. H. R. Blackford. 166,432; Apr. 3; Serial No. 164,153; published Jan. 9, 1923.
Pop corn, Candied. Mercier Bros. 173,854; Oct. 2; Serial No. 175,150; published July 3, 1923.
Pop corn, Candied. Pacific Coast Biscuit Company. 163,610; Jan. 23.
Pop-corn confection. W. M. Devitt. 165,975; Mar. 27; Serial No. 160,699; published Nov. 28, 1922.
Pop-corn confection. H. McLaughlin. 164,943; Feb. 27.
Pop-corn confection. Rich-Maid Mfg. Co. 169,301; June 12; Serial No. 167,328; published Mar. 27, 1923.
Pop-corn confection. Rich-Maid Mfg. Co. 173,209; Sept. 18; Serial No. 171,816; published June 19, 1923.
Pop-corn confection. Rich-Maid Mfg. Co. 175,759; Nov. 13; Serial No. 171,817; published Aug. 21, 1923.
Pop-corn confection. Edward C. Wagner & Son. 169,160; June 12; Serial No. 165,650; published Mar. 27, 1923.
Pop corn, Shelled. Albert Dickinson Company. 23,250; renewed June 27, 1923.
Pork and beans, meat extracts, bouillon cubes, etc. Libby, McNeill & Libby. 176,503; Nov. 27; Serial No. 159,711; published July 31, 1923.
Pork and beef products. Wm. Schluderberg & Son. 163,395; Jan. 9.
Pork and beef products, Pickled. Wm. Ottmann & Company. 163,443; Jan. 9.
Pork products, Smoked. Rohe & Brother. 175,339; Nov. 6, Serial No. 171,708; published Aug. 14, 1923.
Potato chips. H. C. Blakely. 169,773; July 3; Serial No. 168,913; published Apr. 3, 1923.
Potato chips. Saginaw Potato Chip Company. 165,866; Mar. 20; Serial No. 165,163; published Jan. 2, 1923.
Potato chips. J. Zes. 166,898; Apr. 17; Serial No. 165,107; published Feb. 6, 1923.
Potato chips, macaroni, egg noodles, and spaghetti. A. Klein. 175,306; Nov. 6; Serial No. 163,154; published Aug. 14, 1923.
Potato chips, noodles, etc. A. Klein. 173,571; Sept. 25.
Potato, Cooked. M. F. Ruffner. 171,417; Aug. 7; Serial No. 172,442; published May 8, 1923.
Potatoes. E. D. Askegaard. 173,482; Sept. 25; Serial No. 175,911; published June 19, 1923.
Potatoes. C. Hechtman. 170,092; July 10; Serial No. 169,902; published Apr. 10, 1923.
Potatoes. E. Kahn. 177,336; Dec. 18; Serial No. 181,640; published Oct. 2, 1923.
Potatoes. E. D. McSweeny. 166,501; Apr. 3; Serial No. 162,755; published Jan. 9, 1923.
Potatoes. Nix Produce Company. 165,340; Mar. 6; Serial No. 163,050; published Nov. 28, 1922.
Potatoes. J. W. Taylor. 166,298; Mar. 27.
Potatoes. J. R. Watson. 164,160; Feb. 13.
Potatoes and apples, Seed. J. A. Dimock. 164,984; Feb. 27.
Potatoes and dairy feeds. South Jersey Farmers Exchange. 167,185; Apr. 24; Serial No. 162,960; published Jan. 2, 1923.
Potatoes and head lettuce. Johnson, Young & Hamilton. 173,978; Oct. 2; Serial No. 171,849; published July 17, 1923.
Potatoes, Dry-cured sweet. H. Beck. 169,128; June 5.

Potatoes, Fresh. Twin Falls County Potato Growers Inc. 168,818; May 29; Serial No. 170,103; published Mar. 13, 1923.
Potatoes, Irish. Nix Produce Company. 174,743; Oct. 23; Serial No. 165,300; published June 5, 1923.
Potatoes, onions, apples, and carrots, Fresh. A. Rosenblum. 168,227; May 15; Serial No. 171,656; published Feb. 20, 1923.
Potatoes, Selected sweet. J. P. Brownlee. 165,558; Mar. 13; Serial No. 156,351; published Jan. 2, 1923.
Potatoes, Sweet. Alexandria Potato Curing Company. 167,015; Apr. 24; Serial No. 162,475; published Jan. 30, 1923.
Potatoes, Sweet. Pittsburg Storage Company. 163,386; Jan. 9.
Poultry and eggs. White Cedar Farm. 167,240; Apr. 24; Serial No. 159,333; published Dec. 19, 1922.
Poultry and eggs, Dressed. C. J. Loyd. 172,755; Sept. 11; Serial No. 175,255; published June 5, 1923.
Poultry and eggs, Dressed. Seymour Packing Company. 167,137; Apr. 24; Serial No. 156,929; published Jan. 23, 1923.
Poultry and eggs, Dressed. Seymour Packing Company. 167,138; Apr. 24; Serial No. 156,927; published Jan. 23, 1923.
Poultry and eggs, Dressed. J. A. Shannon & Son. 176,508; Nov. 27; Serial No. 164,562; published Aug. 7, 1923.
Poultry and eggs, Live. Estate of Charles J. Fisk. 176,746; Nov. 27; Serial No. 176,020; published Aug. 14, 1923.
Poultry and eggs, Live. J. W. Parks. 177,023; Dec. 11; Serial No. 166,092; published Sept. 25, 1923.
Poultry and eggs, Live. A. H. Shaw. 172,643; Sept. 11; Serial No. 157,855; published May 1, 1923.
Poultry and lard, Dressed. Evansville Packing Company. 171,429; Aug. 7; Serial No. 171,531; published May 1, 1923.
Poultry, butter, eggs. H. Snyder. 177,010; Dec. 11; Serial No. 159,625; published Sept. 18, 1923.
Poultry, Dressed. Fairmont Creamery Co. 163,431; Jan. 9.
Poultry, Dressed. Fairmont Creamery Co. 165,439; Mar. 13; Serial No. 165,674; published Jan. 2, 1923.
Poultry, Dressed. Seymour Packing Company. 167,139; Apr. 24; Serial No. 156,926; published Jan. 23, 1923.
Poultry, Dressed. Seymour Packing Company. 167,223; Apr. 24; Serial No. 156,928; published Jan. 23, 1923.
Poultry, Dressed. Seymour Packing Company. 171,113; July 31; Serial No. 174,925; published May 8, 1923.
Poultry, Dressed. Swift and Company. 166,899; Apr. 17; Serial No. 165,096; published Jan. 30, 1923.
Poultry, Live. E. M. Hobbs. 167,388; May 1; Serial No. 164,592; published Jan. 30, 1923.
Powder to be used in the preparation of salad dressing. G. M. Field. 171,230; July 31; Serial No. 171,158; published May 8, 1923.
Powder, Whipping. Jos. Middleby, Jr., Inc. 177,224; Dec. 11; Serial No. 176,199; published Sept. 18, 1923.
Powdered substance consisting of pectin and acidified sugar. Pennsylvania Sugar Company. 166,023; Mar. 27; Serial No. 163,534; published Dec. 5, 1922.
Preparation made from rice. Vita Rice Products Co. 172,945; Sept. 11; Serial No. 155,841; published May 1, 1923.
Preparation made from rice in powdered and liquid form. Vita Rice Products Co. 169,043; June 5; Serial No. 155,718; published Dec. 19, 1922.
Preserves and honey, Fruit. S. E. Grossfeld & Co. 176,934. Dec. 4.
Preserves, Fruit. Ford & Company. 176,978; Dec. 11; Serial No. 179,933; published Sept. 8, 1923.
Preserves, jellies, etc., Fruit. K. Schroer. 163,448; Jan. 9.
Preserves, jellies, fruit butters, and mincemeat. Van Lill Preserving Company. 23,254; renewed June 27, 1923.
Pretzels. T. A. Myers. 170,873; July 24; Serial No. 165,502; published Apr. 3, 1923.
Pretzels. D. F. Stauffer Biscuit Co. 177,373; Dec. 18; Serial No. 180,903; published Sept. 25, 1923.
Pretzels. York Pretzel Bakery. 172,474–5; Aug. 28; Serial Nos. 172,790–1; published May 8, 1923.
Prunes. Walla Walla Valley Prune Growers Co-Operative Association. 171,455; Aug. 7; Serial No. 168,697; published May 8, 1923.
Prunes. J. A. Wayborn. 167,977; May 8.
Prunes. J. A. Wayborn. 171,205; July 31; Serial No. 154,631; published May 15, 1923.
Prunes, Fresh. W. C. Stone. 173,617; Oct. 2; Serial No 166,020; published July 3, 1923.
Pudding and dessert powders, pie fillings, cocoa, etc. B. Heller & Company. 177,792; Dec. 25.
Pudding and dessert powders, pie fillings, cocoa, etc. B. Heller & Company. 177,794; Dec. 25.
Pudding, honey, mincemeat, and mayonnaise, Plum. H. Jevne Co. 165,985; Mar. 27; Serial No. 162,745; published Dec. 5, 1922.
Pudding, pie, and layer-cake filling. W. H. Simonson. 170,099; July 10; Serial No. 169,186; published Apr. 10, 1923.
Puff paste compound, oleomargarine, butter, nut butter, etc. King R. Graham, Inc. 165,152; Mar. 6; Serial No. 145,896; published Nov. 7, 1922.
Pumpkin preserve. J. A. Saxun. 166,010; Mar. 27; Serial No. 162,650; published Dec. 19, 1922.
Raisins. Hershey Chocolate Company of New York. 171,129; July 31; Serial No. 158,774; published Apr. 17, 1923.
Raisins. J. T. Wetherald. 166,813; Apr. 17; Serial No. 167,440; published Feb. 6, 1923.
Raisins and candy. California Associated Raisin Co. 175,312; Nov. 6; Serial No. 157,758; published Aug. 14, 1923.
Raisins, Chocolate-coated. S. S. Lee. 171,306; Aug. 7; Serial No. 164,649; published May 1, 1923.
Relish, piccalilli, Russian and salad dressings, etc., Spiced India. Daintymaid Co. 168,641; May 29; Serial No. 165,484; published Feb. 27, 1923.
Relish, Salad. Hirsch Bros. & Co. 171,401; Aug. 7; Serial No. 176,627; published May 22, 1923.
Relishes and condiments in the form of dressings and sauces, sandwiches, hash, etc. W. B. Cross. 176,733; Nov. 27; Serial No. 173,814; published Aug. 7, 1923.
Relishes, Vegetable. G. J. Easton. 171,182; July 31; Serial No. 172,149; published May 8, 1923.
Rennet extract and tablets and lactic-acid ferment. Levring & Company. 174,572; Oct. 23; Serial No. 178,450; published July 24, 1923.
Rennet, junket tablets, and lactic ferment. N. Kjaergaard Jensens Tekn. Kem. Fabrik. 174,118; Oct. 2; Serial No. 154,654; published July 3, 1923.
Rice. North American Mercantile Co. 176,996; Dec. 11; Serial No. 176,356; published Aug. 21, 1923.
Rice and coffee. Paris & Co. 167,396; May 1; Serial No. 163,894; published Dec. 19, 1923.
Rice, Natural brown. C. & B. Rice Mills. 169,042; June 5; Serial No. 155,667; published Dec. 19, 1922.
Roast, spaghetti, potted beef, tripe, stew, etc., Pot. C. Molinelli. 173,783; Oct. 2; Serial No. 176,354; published July 3, 1923.
Rolls and bread. Franco-American Baking Co. 176,463; Nov. 27; Serial No. 176,401; published Aug. 21, 1923.
Rolls, Edible. Tristate Baking Co. 171,010; July 31; Serial No. 169,103; published Apr. 3, 1923.
Rusk. H. Diederich. 177,056; Dec. 11; Serial No. 180,110; published Sept. 25, 1923.
Saccharine. H. G. Marshall. 176,818; Nov. 27.
Salad dressing. American Mayonnaise Company. 169,369; June 12; Serial No. 169,433; published Mar. 27, 1923.
Salad dressing. Mrs. C. H. Evans. 174,792; Oct. 23; Serial No. 174,430; published June 19, 1923.
Salad dressing. M. Germany. 174,701; Oct. 23; Serial No. 176,119; published July 24, 1923.
Salad dressing. W. E. Johnson. 173,163; Sept. 18; Serial No. 158,188; published June 19, 1923.
Salad dressing. F. L. Kayack. 170,262; July 10; Serial No. 170,435; published Apr. 3, 1923.
Salad dressing. Mahoney & Saxton. 166,868; Apr. 17; Serial No. 163,279; published Feb. 6, 1923.
Salad dressing. Preserving Mushroom Co. 174,706; Oct. 23; Serial No. 176,693; published June 19, 1923.
Salad dressing. Seebass Products, Inc. 164,643; Feb. 27.
Salad dressing. C. Weisbecker. 171,102; July 31; Serial No. 174,349; published May 8, 1923.
Salad-dressing and cake-icing powders. Mills Brothers Company. 169,213; June 12; Serial No. 140,737; published Mar. 20, 1923.
Salad dressing, filling for sandwiches, etc. Delfine Pure Food Co. 177,040; Dec. 11; Serial No. 179,588; published Sept. 11, 1923.
Salad dressing, mayonnaise, tartar sauce, etc. Dainty Maid Company. 172,805; Sept. 11; Serial No. 150,138; published June 5, 1923.
Salad dressing, vinegar, canned fruits, vegetables, etc. Higgins-Babcock-Hurd Company. 170,847; July 24; Serial No. 165,134; published Mar. 27, 1923.
Salad dressings. J. C. Brown. 173,655; Oct. 2; Serial No. 176,446; published June 26, 1923.
Salad dressings, mayonnaise dressings, horse-radish relishes, and mustard relishes. Quality Specialty Company. 172,864; Sept. 11; Serial No. 172,393; published June 5, 1923.
Salads and sandwiches, Dressing for. Fritz Heim & Son. 168,478; May 22; Serial No. 168,262; published Feb. 20, 1923.
Salads, salad dressings, pickles, etc. Barke-Berger Food Products Co. 175,204; Oct. 30; Serial No. 175,182; published Aug. 14, 1923.
Sandwich filling. M. B. Brown. 168,091; May 15; Serial No. 161,765; published Feb. 13, 1923.
Sandwiches, pies, puddings, ice cream, cakes, etc. Horn & Hardart Baking Co. 165,289; Mar. 6; Serial No. 152,369; published Nov. 7, 1922.
Sandwichlike product. W. D. Kemp. 177,144; Dec. 11; Serial No. 155,352; published Sept. 18, 1923.
Sardines. Henriques Brothers Limited. 168,590; May 29; Serial No. 164,434; published Feb. 13, 1923.
Sardines, Canned and salted anchovies, etc., Dry pressed and salted. San Xavier Fish Packing Company. 170,971; July 24.
Sardines in oil. Silveira, Carmo & Companhia. 173,117; Sept. 18; Serial No. 169,139; published June 12, 1923.

Classified list of trade-marks registered—Continued.

Sauce, a combination of mushrooms, tomatoes, chicken, and tomato paste. Prince Macaroni Mfg. Co. 173,780; Oct. 2; Serial No. 175,808; published June 26, 1923.
Sauce, Dinner. F. Blackburn. 169,219; June 12; Serial No. 153,172; published Jan. 17, 1922.
Sauce for meat and fish. C. I. Wood. 171,721; Aug. 14; Serial No. 139,240; published May 15, 1923.
Sauce for seasoning salads, vegetables, fish, etc., Vinaigrette. Julius Wile Sons & Co. 166,262; Mar. 27; Serial No. 165,105; published Dec. 19, 1922.
Sauce, soy, packed miso, etc., Bottled and barreled. Asia Company. 176,738; Nov. 27; Serial No. 174,163; published July 24, 1923.
Sauces or sirups, Powder used in making chocolate. Siren Mills Corporation. 174,521; Oct. 16; Serial No. 176,102; published July 24, 1923.
Sausage. George Koehler Company. 164,188; Feb. 13.
Sausage. Mickelberry's Food Products Co. 165,967; Mar. 27; Serial No. 158,325; published Dec. 12, 1922.
Sausage and sausage meats. Keane Provision Co 173,853; Oct. 2; Serial No. 175,085; published July 3, 1923.
Sausage, bacon, lard, and lard compound. E. Kahn's Sons Company. 177,158; Dec. 11; Serial No. 182,153; published Sept. 25, 1923.
Sausage, boiled ham, etc. Schaffner Brothers Company. 173,614; Oct. 2; Serial No. 169,931; published July 3, 1923.
Sausage, Dry. Cudahy Packing Company. 164,048; Feb. 13.
Sausages. Purity Packing Company. 168,688; May 29; Serial No. 169,560; published Feb. 27, 1923.
Scratch, hen and chick laying mash, dairy and horse feed. Owensboro Milling Co. 172,562; Sept. 11; Serial No. 170,895; published May 1, 1923.
Sea food. Star Fish & Oyster Co. 173,799; Oct. 2; Serial No. 174,156; published July 3, 1923.
Seasonings for meat products. Wolf, Sayer & Heller, Inc. 175,267; Oct. 30.
Seasonings for meat products. Wolf, Sayer & Heller, Inc. 175,683; Nov. 6.
Semolina. Pillsbury Flour Mills Company. 172,495–6; Aug. 28.
Semolina. Star & Crescent Milling Co. 177,003; Dec. 11; Serial No. 180,308; published Sept. 25, 1923.
Semolinas, rices, alimentary pastes, and biscuits. "Cérès" Docks, Minoterie, Semoulerie Pates Alimentaires. 172,647; Sept. 11; Serial No. 153,385; published May 8, 1923.
Sherbet bars. Coverdale & Bruebaker. 171,328; Aug. 7; Serial No. 168,633; published May 15, 1923.
Sherbets, Compounds for making. E. A. Bear & Company. 164,166; Feb. 13.
Shortening. Brown Orcola Company. 170,580; July 17; Serial No. 167,598; published Apr. 17, 1923.
Shortening compound. Cudahy Packing Company. 168,335; May 22; Serial No. 161,031; published Feb. 27, 1923.
Shortening compound, Vegetable. N. K. Fairbank Company. 172,051; Aug. 21; Serial No. 149,959; published Oct. 31, 1922.
Shortening, lard substitute, Vegetable. Jefferson Co. 170,221; July 10; Serial No. 153,551; published Apr. 10, 1923.
Shortening or fat. Southern Cotton Oil Company. 167,017; Apr. 24; Serial No. 162,215; published Jan. 30, 1923.
Shorts, Gray. Midland Flour Milling Co. 171,009; July 31; Serial No. 169,029; published Mar. 20, 1923
Shoulders, hams, lard, and bacon. Urbana Packing Co. 166,666; Apr. 10; Serial No. 165,219; published Jan. 30, 1923.
Shrimp, Dried. Blum & Bergeron. 177,170; Dec. 11; Serial No. 181,167; published Sept. 25, 1923.
Shrimp, Dried. Blum & Bergeron. 177,341; Dec. 18; Serial No. 181,168; published Oct. 2, 1923.
Sirup. Corn Products Refining Company. 177,329–32; Dec. 18; Serial Nos. 178,593–6; published Oct. 2, 1923.
Sirup and maple sugar, Table. Welden National Bank. 175,416; Nov. 6; Serial No. 162,088; published Aug. 14, 1923.
Sirup and molasses. Dunbar Molasses & Syrup Co. 167,090; Apr. 24; Serial No. 165,529; published Feb. 6, 1923.
Sirup and sugar, Maple. Maple Producers' Co-Operative Association, Inc. 173,260; Sept. 18; Serial No. 175,432; published June 19, 1923.
Sirup, Bakers'. Adolph Coors Company. 173,604; Oct. 2; Serial No. 166,591; published July 3, 1923.
Sirup, Cane. F. A Heiss. 165,768; Mar. 20; Serial No 160,805; published Dec. 26, 1922.
Sirup, Cane and corn. Alabama-Georgia Syrup Company. 164,548; Feb. 20.
Sirup, Cane and maple-sugar. New England Brewing Company. 170,907; July 24; Serial No. 155,768; published June 6, 1922.
Sirup for food purposes, Malt. Independent Breweries Company. 175,482; Nov. 6; Serial No. 178,849; published Aug. 21, 1923.
Sirup for food purposes, Malt. Popel-Giller Co. 168,362; May 22; Serial No. 165,412; published Feb. 27, 1923.
Sirup, gluten feed oil-cake meal, etc., Corn. Clinton Corn Syrup Refining Company. 169,121; June 5.
Sirup, Grape-flavored. Queen City Extract Company. 173,392; Sept. 25; Serial No. 163,595; published July 3, 1923.
Sirup made from cane and maple sugar. Vermont Maple Syrup Company. 168,655; May 29; Serial No. 166,117; published Mar. 6, 1923.
Sirup, Malt. Primalt Products Co. 170,577; July 17; Serial No. 167,420; published Apr. 24, 1923.
Sirup, Maple. Puritan Maple Syrup Co. 165,648; Mar. 13.
Sirup, Maple. C. W. Treat. 171,423; Aug. 7; Serial No. 172,021; published May 8, 1923.
Sirup, Table. Atlantic Syrup Refining Co. 164,927; Feb. 27.
Sirup, Table. Penick & Ford, Ltd. 169,709; June 26
Sirup, Table. D. B. Scully Syrup Company. 172,872; Sept. 11; Serial No. 173,786; published June 5, 1923.
Sirup, Table. A. M. Stouffer. 176,966; Dec. 11; Serial No. 178,300; published Sept. 25, 1923.
Sirups and extracts for flavoring foods. Walker Bros. Co. 173,845; Oct. 2; Serial No. 173,261; published July 3, 1923.
Sirups and preserves, etc. Temtor Corn & Fruit Products Co. 172,258; Aug. 28; Serial No. 145,179; published Aug. 2, 1921.
Sirups, compound extract of coca leaves and kola nuts, Compound. W. G. Robbins. 173,350; Sept. 25; Serial No. 169,257; published June 26, 1923.
Sirups, Malt. P. Hauck, jr. 166,919; Apr. 17; Serial No. 164,432; published Jan. 30, 1923.
Sirups, Malt. Red Top Malt Extract Co. 176,113; Nov. 20; Serial No. 164,831; published Aug. 28, 1923.
Sirups, Table. Hardaway-Cargill Co. 168,566; May 29; Serial No. 166,830; published Feb. 20, 1923.
Sirups, Table. L. B. Sheffield. 171,696; Aug. 7.
Soup mixture, vegetables, fish, etc., Dehydrated. Anhydrous Food Products Co. 172,384; Aug. 28; Serial No. 136,346; published Apr. 10, 1923.
Soups, and preparations for making soups. Oxo, Limited. 177,039; Dec. 11; Serial No. 157,898; published Sept. 25, 1923.
Soyer, Curd meat from the. Y. Kin. 170,712; July 24; Serial No. 131,177; published Apr. 24, 1923.
Spaghetti. Joseph Campbell Company. 166,870–1; Apr. 17; Serial Nos. 162,606–7; published Feb. 6, 1923.
Spaghetti and macaroni. S. R. Smith Company. 165,243; Mar. 6.
Spaghetti, cheese, and sauce. Merolla Ricciardi and Salomone Corporation. 167,182; Apr. 24; Serial No. 162,842; published Jan. 30, 1923.
Spaghetti sauce and dressing Molinelli Italian Dinners, Inc. 168,999; May 29.
Spices. American Tea & Coffee Co. 171,194; July 31; Serial No. 141,447; published May 15, 1923.
Spices. Price Flavoring Extract Company. 168,695–6; May 29; Serial Nos. 169,865–6; published Mar. 13, 1923.
Spices. Quality Coffee & Tea Co. 168,372; May 22; Serial No. 162,054; published Feb. 20, 1923.
Spices. Thomas J. Webb Company. 176,796; Nov. 27.
Spices, bay leaves, cassia, cinnamon, etc. Hulman & Co. 176,722; Nov. 27; Serial No. 170,919; published Aug. 7, 1923.
Spices, birdseed, seasoning herbs, etc. Archibald & Lewis Company. 172,932; Sept. 11; Serial No. 165,475; published June 5, 1923.
Spices, coffee, etc. Kaupke Coffee Company. 177,027; Dec. 11; Serial No. 163,337; published Sept. 25, 1923.
Spices, flavoring essences for food, extracts, etc. H. A. Tuckett Company. 172,785; Sept. 11; Serial No. 162,075; published June 5, 1923.
Sugar. California and Hawaiian Sugar Refining Corporation. 176,120; Nov. 20; Serial No. 165,352; published Sept. 4, 1923.
Sugar. Flamingo Sugar Mills, Inc. 177,371; Dec. 18; Serial No. 181,687; published Oct. 2, 1923.
Sugar. A. E. Staley Manufacturing Company. 170,901–3; July 24; Serial Nos. 170,796–8; published Mar. 13, 1923
Sugar. Tate & Lyle Limited. 171,145; July 31; Serial No. 161,707; published May 15, 1923.
Sugar. Utah-Idaho Sugar Company. 165,026; Feb. 27.
Sugar. Utah-Idaho Sugar Company. 176,797; Nov. 27.
Sugar, Beet, cane, and maple. Union Sugar Company. 174,495; Oct. 16; Serial No. 178,310; published July 24, 1923.
Sugar, Corn. Battle Creek Food Company. 171,529; Aug. 7; Serial No. 175,702; published May 15, 1923.
Sugar, gelatin, and fruit-acid compound. Miles Manufacturing Company. 168,675; May 29; Serial No. 146,180; published Oct. 4, 1921.
Sugar, Granulated. Schwabacher Bros. & Co. 175,775; Nov. 13; Serial No. 177,412; published Aug. 28, 1923.
Sugar, Icing. J. H. Woodward Company. 166,348; Apr. 3; Serial No. 155,726; published Jan. 9, 1923.
Sugar, Powdered. Richardson & Holland, Inc. 171,758; Aug. 14; Serial No. 141,399; published May 29, 1923.
Sugar product. Ward Baking Company. 170,900; July 24; Serial No. 170,961; published Mar. 13, 1923.
Sugar product used as an ingredient in the manufacture of bread, cake, etc. Ward Baking Company. 170,816; July 24; Serial No. 170,960; published Mar. 13, 1923.
Sugar, rice, coffee, etc. Netherlands Corporation For Overseas Trade, Inc. 172,989; Sept. 11; Serial No. 173,525; published June 5, 1923.

Sugar, rice, pepper, etc. Netherlands Corporation For Overseas Trade, Inc. 172,990; Sept. 11; Serial No. 173,523; published June 5, 1923.
Sugar tablets, Flavored. Mills Novelty Company. 173,379; Sept. 25; Serial No. 175,260; published July 3, 1923.
Sugar wafers. Iten Biscuit Co. 163,586; Jan. 23.
Sweet-pickled watermelon rind. G. P. Raffetto, Inc. 169,762; July 3; Serial No. 169,561; published Apr. 3, 1923.
Tablets composed of inorganic substances mixed with sugar of milk. J. G. Munsell. 163,514; Jan. 16.
Tablets or cakes, Eatable. A. M. Delmas. 176,689; Nov. 27; Serial No. 167,557; published Sept. 11, 1923.
Taffy, Salt-water. Theo. J. Lapres, Inc. 172,286; Aug. 28; Serial No. 167,777; published May 29, 1923.
Tamales. E. J. Koppe. 177,203; Dec. 11; Serial No. 179,154; published Sept. 25, 1923.
Tamari, vinegar, extract of soy, etc. G. Hamaguchi. 172,218; Aug. 28; Serial No. 174,434; published May 29, 1923.
Tankage. E. Kahn's Sons Company. 176,745; Nov. 27; Serial No. 176,191; published Aug. 14, 1923.
Tapioca. Haas Baruch & Co. 170,491; July 17; Serial No. 171,317; published Apr. 24, 1923.
Tapioca and tapioca puddings, Prepared. Minute Tapioca Company. 163,601; Jan. 23.
Tapioca, Prepared. Minute Tapioca Company. 165,282; Mar. 6; Serial No. 153,768; published Nov. 7, 1922.
Tea. J. Butler. 23,941; renewed Dec. 19, 1923.
Tea. C & T Importing Company. 171,185; July 31; Serial No. 171,984; published May 15, 1923.
Tea. Delano, Potter & Co. 172,077; Aug. 21; Serial No. 176,256; published May 22, 1923.
Tea. Delano, Potter & Company. 177,694; Dec. 25. Serial No. 183,559; published Oct. 9, 1923.
Tea. Fantea Company. 173,926; Oct. 2; Serial No. 178,335; published July 17, 1923.
Tea. Jas. H. Forbes Tea & Coffee Co. 171,933; Aug. 14.
Tea. Joannes Bros. Co. 170,521; July 17; Serial No. 172,743; published Apr. 17, 1923.
Tea. Kelly, Douglas & Co. 174,732; Oct. 23; Serial No. 159,755; published Mar. 6, 1923.
Tea. Lam, Glines & Co. 167,879; May 8; Serial No. 167,138; published Feb. 20, 1923.
Tea. Lam, Glines & Co. 170,078; July 10; Serial No. 167,137; published Apr. 3, 1923.
Tea. Reid, Murdoch & Co. 177,776; Dec. 25; Serial No. 183,940; published Oct. 9, 1923.
Tea. Reid, Murdoch & Co. 177,779–80; Dec. 25; Serial Nos. 183,854–5; published Oct. 9, 1923.
Tea. Tao Tea Company. 175,345; Nov. 6; Serial No. 171,292; published Aug. 14, 1923.
Tea. J. C. Whitney Company. 166,710; Apr. 10; Serial No. 167,035; published Jan. 23, 1923.
Tea. Wilson Tea Co. 177,730–1; Dec. 25; Serial Nos. 176,053–4; published Aug. 28, 1923.
Tea and coffee. Midland Grocery Company. 177,245; Dec. 11; Serial No. 181,346; published Aug. 21, 1923.
Tea, coffee, rice, and extracts for seasoning foods. T. Masuda. 172,459; Aug. 28; Serial No. 159,518; published May 8, 1923.
Teas. Oriental Trading Co. 164,959; Feb. 27.
Teas and coffees. Walrath & Co. 23,694; renewed Oct. 10, 1924.
Teas, coffees, and tea and coffee extracts and substitutes. Societe Anonyme Fabriques de Produits de Chimie Organique de Laire. 175,372; Nov. 6; Serial No. 174,269; published Aug. 14, 1923.
Thousand Island and mayonnaise dressing. E. G. Nelson & Son. 177,297; Dec. 18; Serial No. 174,849; published Oct. 2, 1923.
Toast. N. A. Matson Co. 166,990; Apr. 17.
Toffees. F. J. M. Rademaker. 163,470; Jan. 16.
Tomato catchup, tomato purée, chili sauce, and cocktail tomato catchup. Knight Packing Company. 168,492; May 22.
Tomato hot sauce, canned vegetables, fruits, and fish. Bay Side Canning Company. 173,625; Oct. 2; Serial No. 165,339; published July 3, 1923.
Tomato paste. Western Sausage & Provision Co. 174,623; Oct. 23; Serial No. 179,442; published July 31, 1923.
Tomato sauce. Edson Bros. 168,880; May 29; Serial No. 169,239; published Mar. 6, 1923.
Tomato sauce and paste, fruit preserves, canned fruits and vegetables. Brooklyn Heights Canning Company. 166,659; Apr. 10; Serial No. 164,855; published Jan. 30, 1923.
Tomatoes. Sawyer & Day, Inc. 164,957; Feb. 27.
Tomatoes and tomato paste, Peeled. R. Martorelli. 167,732; May 8; Serial No. 156,453; published Dec. 26, 1922.
Tomatoes, Fresh. N. Goldsmith. 175,794; Nov. 13; Serial No. 179,664; published Sept. 4, 1923.
Tomatoes, Fresh. F. E. Mojonnier. 168,105; May 15; Serial No. 164,935; published Feb. 20, 1923.
Tomatoes, Fresh. Royal Palm Truckers Association. 165,988; Mar. 27; Serial No. 165,461; published Jan. 2, 1923.
Tomatoes, Fresh. Union Celery Company. 168,702; May 29; Serial No. 166,486; published Mar. 6, 1923.
Tonic and food for feathered pets. W. Hoffmann. 170,898; July 24; Serial No. 171,217; published Mar. 13, 1923.
Tonic and food, Hog. American Stock Food Co. 177,211; Dec. 11; Serial No. 177,759; published Sept. 18, 1923.
Tonics, Medicinal. H. C. Brown. 170,552; July 17; Serial No. 173,589; published Apr. 17, 1923.
Tunny fish, tomatoes, tomato sauce, and paste, string beans, etc. Savoy Importing Co., Inc. 170,569; July 17; Serial No. 163,711; published Apr. 24, 1923.
Vanilla extract. M. C. Palmer. 169,249; June 12; Serial No. 170,731; published Mar. 27, 1923.
Vanilla materials, Artificial-. Morana, Incorporated. 175,603; Nov. 6; Serial No. 178,766; published Aug. 14, 1923.
Vanilla, Synthetic. Société Anonyme des Etablissements Justin Dupont. 164,122; Feb. 13.
Vanilla, tomato bouillon, etc., Bakers'. Keystone Fruit Products Company. 176,651; Nov. 27; Serial No. 143,501; published Aug. 28, 1923.
Vegetable and mineral compound for neutralizing lactic acids in whipping cream and eggs. J. H. Lewis. 173,855; Oct. 2; Serial No. 175,253; published July 3, 1923.
Vegetable fats and oils, Edible. G. W. King. 174,579; Oct. 23; Serial No. 164,111; published July 24, 1923.
Vegetable flavors. Battle Creek Food Company. 173,501; Sept. 25; Serial No. 175,704; published June 19, 1923.
Vegetable gums and sugars, Compound. Liquid Carbonic Company. 175,600; Nov. 6; Serial No. 178,853; published Aug. 14, 1923.
Vegetable shortening. Best Foods, Inc. 176,420; Nov. 27; Serial No. 182,198; published Sept. 11, 1923.
Vegetables, citrous fruits, grapes and melons, Fresh. Idaho Producers' Union. 172,020; Aug. 21; Serial No. 170,685; published May 29, 1923.
Vegetables, coffee, and oriental candy, Canned. Liberty Mercantile House. 165,595; Mar. 13; Serial No. 140,041; published Dec. 26, 1922.
Vegetables, Fresh. Meyer Bros. 170,924; July 24; Serial No. 164,334; published Apr. 24, 1923.
Vegetables, Fresh. Savannah Truckers Exchange. 175,121; Oct. 30; Serial No. 176,219; published Aug. 14, 1923.
Vegetables, fruits, etc., Fresh. Withers Brothers. 168,648; May 29; Serial No. 165,735; published Mar. 6, 1923.
Vinegar. M. A. Gedney Company. 175,940; Nov. 13; Serial No. 173,826; published Aug. 28, 1923.
Vinegar. A. W. Hinchliffe. 173,068; Sept. 11.
Vinegar. Wayne County Produce Co. 168,577; May 29; Serial No. 167,441; published Mar. 6, 1923.
Vinegar, Apple-cider. Jones Bros. & Co. 166,987; Apr. 17.
Vinegar, Canned pork and beans, soup, etc., Apple. Hood River Apple Vinegar Co. 171,379; Aug. 7; Serial No. 147,960; published May 8, 1923.
Vinegar, Fermented cider. Monroe Cider Vinegar & Fruit Co. 168,873; May 29; Serial No. 170,149; published Mar. 13, 1923.
Vinegar, pickles, catchups, chowchow, mustard, and sauces. M. A. Gedney Pickling Company. 21,742; renewed Sept. 13, 1922.
Vinegar, White distilled. O. L. Gregory Vinegar Co. 169,029; May 29.
Vinegars. Duffy-Mott Company. 165,861; Mar. 20; Serial No. 165,064; published Dec. 26, 1922.
Vinegars. Duffy-Mott Company. 165,868; Mar. 20; Serial No. 165,074; published Dec. 26, 1922.
Vinegars. Duffy-Mott Company. 165,870; Mar. 20; Serial No. 165,072; published Dec. 26, 1922.
Vinegars. Duffy-Mott Company. 177,025; Dec. 11; Serial No. 165,068; published Sept. 25, 1923.
Vinegars and evaporated apples. Duffy-Mott Company. 165,869; Mar. 20; Serial No. 165,067; published Dec. 26, 1922.
Vitamine, Edible. Vitamin Food Co. 164,974; Feb. 27.
Wafers and crackers. Century Biscuit Co. 170,918; July 24; Serial No. 166,350; published Mar. 20, 1923.
Wafers, Health. F. U. Lassen. 167,269; Apr. 24; Serial No. 152,510; published Dec. 26, 1922.
Wafers, Sugar. Iten Biscuit Co. 167,012; Apr. 24; Serial No. 162,740; published Jan. 30, 1923.
Wafers, Sugar. Geo. H. Strietmann's Sons Company. 167,508; May 1; Serial No. 165,823; published Dec. 12, 1922.
Wafers, Sugar. Taggart Baking Company. 176,330; Nov. 20.
Wafers, Sugar. Union Biscuit Co. 167,110; Apr. 24; Serial No. 162,785; published Dec. 12, 1922.
Watermelon, Portions of fresh. F. L. Purvis. 168,466; May 22; Serial No. 166,711; published Feb. 27, 1923.
Watermelons. Southwest Georgia Watermelon Growers' Association. 166,427; Apr. 3; Serial No. 164,673; published Jan. 9, 1923.
Watermelons. Wm. S. Sweet & Son, Inc. 177,041; Dec. 11; Serial No. 180,563; published Sept. 25, 1923.
Watermelons. Wm. S. Sweet & Son, Inc. 177,046; Dec. 11; Serial No. 180,507; published Sept. 25, 1923.
Watermelons. Texas Farm Bureau Melon Growers' Exchange. 170,950; July 24; Serial No. 167,152; published Apr. 24, 1923.

Classified list of trade-marks registered—Continued.

Wheat and a mixture of wheat and bran flour, Rolled. Quaker Oats Company. 177,100; Dec. 11; Serial No. 170,215; published Sept. 25, 1923.
Wheat and wheat and bran flour, Rolled. Quaker Oats Company. 177,103; Dec. 11; Serial No. 170,214; published Sept. 18, 1923.
Wheat confection, Puffed-. E. F. Allingham Mfg. Co. 171,337; Aug. 7; Serial No. 172,714; published Apr. 17, 1923.
Wheat, Cooked granulated. Our Home Granula Co. 24,131; renewed Jan. 30, 1924.
Wheat, Rolled. Pettijohn California Breakfast Food Company. 22,459; renewed Feb. 14, 1923.
Yeast. H. G. Holmes. 169,395; June 12; Serial No. 165,497; published Mar. 27, 1923.
Yeast. Northwestern Yeast Company. 164,190; Feb. 13.
Yeast. M. A. Pearson 166,771; Apr. 10.
Yeast and vitamine food products. Northwestern Yeast Company. 176,509; Nov. 27; Serial No. 164,658; published Aug. 14, 1923.
Yeast cakes. Everlasting Yeast Company. 172,102; Aug. 21; Serial No. 173,630; published May 29, 1923.
Yeast cakes for culinary purposes. Reel Products Company. 171,355; Aug. 7; Serial No. 171,104; published May 8, 1923.
Yeast cream, Bulgarian. J. Colchagoff. 166,264; Mar. 27; Serial No. 165,271; published Jan. 2, 1923.
Yeast, Yeast food of mineral salts and flour, malt extract, etc. Ward Baking Company. 167,051; Apr. 24; Serial No. 161,661; published Jan. 30, 1923.

CLASS 47.

Alcohol, Mint. E. de Ricqles et Cie. 21,900; renewed Nov. 1, 1922.
Champagne and sparkling wines. M. A. Lambey Veuve de P. J. Heidelberger. 164,876; Feb. 27.
Wine, Champagne. Societe Vinicole De Champagne. 172,400; Aug. 28; Serial No. 165,214; published May 29, 1923.
Wine, Champagne. Societe Vinicole de Champagne. 175,387; Nov. 6; Serial No. 165,213; published Aug. 18, 1923.
Wine, Champagne. Societe Vinicole de Champagne. 177,417; Dec. 18; Serial No. 165,215; published Oct. 2, 1923.
Wine, Champagne. Societe Vinicole de Champagne. 177,419; Dec. 18; Serial No. 165,211; published Aug. 14, 1923.
Wines. E. Sauza. 168,906; May 29; Serial No. 163,417; published Mar. 13, 1923.
Wines. Soc. An. Fsco. Cinzano & Cia. 177,318; Dec. 18; Serial No. 180,246; published Oct. 2, 1923.
Wines and champagnes. W. H. Hommel. 165,893–4; Mar. 20.
Wines and other sparkling wines, Champagne. Societe Vinicole de Champagne. 166,853; Apr. 17; Serial No. 165,212; published Jan. 30, 1923.

CLASS 48.

Ale. Barclay & Co. 24,135; renewed Jan. 30, 1924.
Ale. Kops Brewery. 24,091; renewed Jan. 19, 1924.
Ale, Aerated and nonalcoholic. Kops Brewery. 23,872; renewed Nov. 28, 1923.
Ale and stout, Aerated and nonalcoholic. Kops Brewery. 23,793; renewed Nov. 7, 1923.
Beer, Lager. J. Everard. 22,481; renewed Feb. 14, 1923.
Beer, Lager. Peter Hand Brewery Co. 24,057; renewed Jan. 16, 1924.
Beer, Lager. G. Heileman Brewing Co. 166,765–6; Apr. 10.
Beer, Lager. Robert Portner Brewing Company. 23,870; renewed Nov. 28, 1923.
Beer, malt tonic and malt beverages and malt sirups. San Francisco Breweries, Ltd. 168,331; May 22; Serial No. 167,367; published Feb. 27, 1923.
Beverage and beer, Cereal. Pabst Corporation. 174,537; Oct. 16.
Beverage and malt sirup for making same, Malt or cereal. Crown Brewing Co. 173,280; Sept. 18; Serial No. 179,032; published June 19, 1923.
Beverage, Malt. S. Liebmann's Sons, Inc. 173,952; Oct. 2; Serial No. 175,360; published July 10, 1923.
Beverage, Malt. Geo. Ringler & Co. 176,812; Nov. 27.
Beverage, Malt. Geo. Ringler & Co. 176,932; Dec. 4.
Beverage, Nonintoxicating, malt cereal. Jacob Hornung Brewing Co. 164,909; Feb. 27.
Beverage purposes, Malt sirup, hop flavored, for. P. Ballantine & Sons. 166,335; Mar. 27.
Beverages, Alcoholic malt or cereal. Wielands Incorporated. 175,490; Nov. 6; Serial No. 177,942; published Aug. 21, 1923.
Beverages, Cereal. M. K. Goetz Brewing Co. 163,500; Jan. 16.
Beverages sold as a soft drink. Pabst Corporation. 174,542; Oct. 16.
Canned malt sirup. Hazleton Syrup Company. 175,277; Oct. 30.
Ginger ale. H. L. Millis. 19,634; renewed June 2, 1921.
Malt and hops compound for beverage purposes. A. M. Paulero. 167,173; Apr. 24; Serial No. 171,948; published Jan. 30, 1923.
Malt extract. Decatur Brewing Co. 169,597; June 26; Serial No. 120,869; published Oct. 25, 1921.
Malt extract. Ebling Company. 173,083; Sept. 11.
Malt extract. Falstaff Corporation. 169,803; July 3; Serial No. 161,831; published Apr. 3, 1923.
Malt extract. D. J. Goldsmith. 164,903; Feb. 27.
Malt extract. M. J. Murphy. 164,824; Feb. 27.
Malt extract. R. W. Murray & Co. 170,040; July 10; Serial No. 174,970; published Apr. 10, 1923.
Malt extract. Nolan Malt Company. 164,532; Feb. 20.
Malt extract. P. H. Schwartz. 177,452; Dec. 18; Serial No. 182,013; published Oct. 2, 1923.
Malt extract. Societa Prodotti Nazionali (National Products Co.) 165,751; Mar. 20; Serial No. 171,041; published Dec. 12, 1923.
Malt extract. O. Thoma. 173,951; Oct. 2; Serial No. 179,241; published July 10, 1923.
Malt extract, Barley-. J. Ruppert. 171,346; Aug. 7; Serial No. 173,213; published May 1, 1923.
Malt extracts. Henning Wennersten Incorporated. 169,828; July 3; Serial No. 173,422; published Apr. 3, 1923.
Malt extracts. S. Katz. 167,179; Apr. 24; Serial No. 172,048; published Jan. 30, 1923.
Malt extracts. Malt-Diastase Company. 168,921; May 29; Serial No. 148,156; published Mar. 13, 1923.
Malt extracts, Concentrated liquid. Malt-Diastase Company. 167,086; Apr. 24; Serial No. 151,633; published Oct. 11, 1921.
Malt extracts for beverage purposes, Combination of. H. D. Sterrick. 173,959; Oct. 2; Serial No. 154,939; published July 10, 1923.
Malt extracts, Pure. S. Katz. 173,208; Sept. 18; Serial No. 172,047; published June 19, 1923.
Malt, Liquor or liquid preparation containing. Coleman and Company. 169,877; July 3; Serial No. 140,917; published Apr. 3, 1923.
Sirup and extract, Concentrated malt. Milwaukee Malting & Grain Co. 173,155; Sept. 18; Serial No. 147,303; published June 19, 1923.
Sirup, Malt. W. Henle. 173,140; Sept. 18; Serial No. 178,248; published June 19, 1923.
Sirup, Malt. L. Levy. 175,440; Nov. 6; Serial No. 137,287; published Aug. 28, 1923.
Sirup, Malt. M. Zigelman. 173,947; Oct. 2; Serial No. 178,083; published July 10, 1923.
Sirup, Malt and corn. E. M. Blumenthal. 166,832; Apr. 17; Serial No. 170,678; published Jan. 9, 1923.
Sirup used in making beverages, Dextrinous American Burtonizing Company and Wallerstein Laboratories. 171,140; July 31; Serial No. 160,178; published May 1, 1923.
Sirups, Malt. W. Graf. 177,334; Dec. 18; Serial No. 181,443; published Oct. 2, 1923.

CLASS 49.

Absinthe, brandy, gin, etc. Soc. An. Fsco. Cinzano & Cia. 177,319; Dec. 18; Serial No. 180,247; published Oct. 2, 1923.
Whisky. John Dewar & Sons, Limited. 163,468; Jan. 16; Serial No. 164,754; published Oct. 17, 1922.
Whisky. Distillers Company. 22,771; renewed Apr. 11, 1923.
Whisky. Smith, Kline & French Co. 172,178; Aug. 21.
Whisky, Scotch. Wm. Grant & Sons, Ltd. 177,462; Dec. 18; Serial No. 177,222; published Oct. 2, 1923.
Whisky, Scotch. Wm. Grant & Sons, Ltd. 177,467; Dec. 18; Serial No. 177,221; published Oct. 2, 1923.

CLASS 50.

Advertising devices. H. Goldman. 171,996; Aug. 21; Serial No. 169,014; published May 29, 1923.
Art objects. Decorative Arts League. 171,382; Aug. 7; Serial No. 144,853; published May 8, 1923.
Asbestos mats. Gillen-Cole Co. 174,467; Oct. 16; Serial No. 171,312; published July 3, 1923.
Awnings and tarpaulins. Indianapolis Tent & Awning Company. 170,015; July 10; Serial No. 172,538; published Apr. 3, 1923.
Awnings, awning frames, covers, and parts thereof. F. R. Ashley. 171,513; Aug. 7; Serial No. 173,068; published May 8, 1923.
Awnings, tents, and canvas covers, Waterproof duck. M. I. Wilcox Company. 165,397; Mar. 6; Serial No. 157,196; published Dec. 5, 1922.
Beehives. G. B. Lewis Company. 174,926; Oct. 23.
Beehives and comb foundations. A. I. Root Co. 172,654; Sept. 11; Serial No. 128,133; published June 5, 1923.
Bibs and shampoo protectors, Barber. Canfield Rubber Company. 173,075; Sept. 11.
Blackboards. G. W. Brooks. 174,740; Oct. 23; Serial No. 149,884; published July 24, 1923.
Blankets, rubber sheetings, sheet rubber, etc., Offset. Vulcan Proofing Company. 175,090; Oct. 30; Serial No. 180,156; published Aug. 14, 1923.
Boots and shoes, Fabricated box toes and box-toe material for use in. Frank W. Whitcher Company. 169,195; June 12; Serial No. 169,882; published Mar. 13, 1923.

Classified list of trade-marks registered—Continued.

Bottle caps. American Bottle Cap Co. 169,996; July 10; Serial No. 151,777; published Apr. 3, 1923.
Bottle caps. Bead Chain Manufacturing Company. 167,860; May 8; Serial No. 153,497; published Dec. 19, 1922.
Bottle closures. Mappin & Webb Limited. 163,118; Jan. 2.
Bottle closures. New Process Cork Company. 173,124; Sept. 18; Serial No. 160,076; published June 12 ,1923.
Bottles, Crown seals, and closures for. Armstrong Cork Company. 167,850; May 8; Serial No. 164,293; published Feb. 20, 1923.
Bottles, etc., Crown seals and closures for. Armstrong Cork Company. 169,154; June 12; Serial No. 164,294; published Mar. 13, 1923.
Bottles, jars, etc., Caps or closures for. George A. Haynes, Inc. 174,460; Oct. 16; Serial No. 180,762; published July 3, 1923.
Bottles, Seals and closures for. Armstrong Cork Company. 169,153; June 12; Serial No. 164,292; published Mar. 27, 1923.
Bronzes and silver and plated ware. Tiffany & Company. 23,572; renewed Sept. 5, 1923.
Bungs. United States Bung Mfg. Co. 170,928; July 24; Serial No. 162,909; published Apr. 24, 1923.
Buttons, Lapel. Supreme Orient O. O. H. & P. 174,741; Oct. 23; Serial No. 145,596; published July 24, 1923.
Buttons, shoe ornaments, badges, and emblems. Hinckley Manufacturing Co. 170,070; July 10; Serial No. 165,552; published Apr. 3, 1923.
Canvas or duck, Cotton. Couch Bros. Manufacturing Co. 165,640; Mar. 13.
Canvas or other fabric having metal cross strips and roller, Article made of. Rolup Screen Company. 175,760; Nov. 13; Serial No. 171,511; published Sept. 4, 1923
Chicks and other young poultry, Incubated. L. A. Bourke. 164,887; Feb. 27.
Clothes racks and hangers. Economy System Co. 171,562; Aug. 7; Serial No. 174,513; published May 22, 1923.
Corks. Biertuempfel Bros. Cork Company. 169,261; June 12; Serial No. 172,076; published Mar. 13, 1923.
Covers, Transparent food. Fiber-Glass Food Cover Company. 176,739; Nov. 27; Serial No. 176,612; published Sept. 11, 1923.
Crutch, Vegetable. Frost Superior Fence Co. 175,026; Oct. 30; Serial No. 179,143; published Aug. 14, 1923.
Cuts, emblems, and collar devices. Military Order of the Cootie. 175,752; Nov. 13; Serial No. 166,316; published Sept. 4, 1923.
Decorating outfits. R. F. Johnston Paint Company. 174,443; Oct. 16; Serial No. 176,631; published July 3, 1923.
Dress forms. Model Form Company. 175,246; Oct. 30.
Fabrics, Metal fiber. Metfab, Inc. 165,298; Mar. 6; Serial No. 164,654; published Dec. 5, 1922.
Felt. American Hair Felt Co. 169,084; June 5; Serial No. 173,067; published Feb. 27, 1923.
Felt piece goods Tingue, Brown & Co. 169,083; June 5; Serial No. 173,153; published Feb. 27, 1923.
Floor mats and runners, Leather. W. J. Reilly. 169,044; June 5; Serial No. 158,154; published Mar. 13, 1923.
Fly papers and flycatchers. Kay Brothers Limited. 165,088; Mar. 6; Serial No. 156,640; published May 16, 1922.
Fly swatters. Lubbers & Bell Mfg. Co. 163,113; Jan. 2.
Fly swatters. U. S. Manufacturing Corporation. 172,889–91; Sept. 11; Serial Nos. 175,686–8; published June 5, 1923.
Fly swatters and sticky paper. F. W. Hampshire & Co. Ld. 171,586; Aug. 7; Serial No. 175,490; published May 22, 1923.
Foliage, Preserved natural. Dr. H. Dux Co. 165,228; Mar. 6; Serial No. 163,973; published Dec. 5, 1922.
Fountains and combined fountain and feeders, baby-chick feeders, poultry feeding troughs, etc., Poultry drinking. Hoeft & Company. 167,848; May 8; Serial No. 164,539; published Dec. 26, 1922.
Fountains, Poultry. A. M. Malouf. 168,515; May 22.
Furniture and furniture-van pads. A. L. Reach. 171,623; Aug. 7; Serial No. 177,244; published May 22, 1923.
Furniture moving pads, tents, tarpaulins, and awnings, etc. A. Bruns & Sons. 174,439; Oct. 16; Serial No. 177,544; published July 3, 1923.
Furniture, Protecting pad for. Silver Pad Mfg. Co. 169,320; June 12; Serial No. 170,159; published Mar. 13, 1923.
Fruits, Artificial. Emery Art Fruit Co. 163,061; Jan. 2.
Glass cloth. A. S. Turner. 173,086; Sept. 11.
Granite, Monumental blocks of. Phillips & Slack, Inc. 175,826; Nov. 13; Serial No. 182,548; published Sept. 4, 1923.
Hair producer. F. Juniper. 166,267; Mar. 27; Serial No. 166,833; published Oct. 3, 1922.
Images, bric-a-brac, statuary, etc. E. M. Viquesney. 174,766; Oct. 23; Serial No. 170,228; published July 17, 1923.
Implements for killing and disabling insects, flies, and the like. U. S. Manufacturing Corporation. 172,577; Sept. 11; Serial No. 172,453; published June 5, 1923.
Incubators and brooders. Leahy Manufacturing Co. 177,590; Dec. 18.
Ladders. Goshen Churn & Ladder Company. 174,772; Oct. 23; Serial No. 171,315; published July 24, 1923.
Ladders. Goshen Manufacturing Co. 167,923; May 8; Serial No. 170,245; published Feb. 20, 1923.
Ladders. Saginaw Ladder Co. 175,511; Nov. 6; Serial No. 177,696; published Aug. 28, 1923.
Ladders and step stools. Goshen Churn & Ladder Company. 175,005; Oct. 30; Serial No. 171,314; published Aug. 7, 1923.
Lasts. Schelter Last Company. 169,202; June 12; Serial No. 168,984; published Mar. 13, 1923.
Leather and rubber surface cloth. Chemitex Products Company. 172,669; Sept. 11; Serial No. 174,233; published June 5, 1923.
Leather, Artificial. Larkide Company. 165,396; Mar. 6; Serial No. 157,225; published Oct. 17, 1922.
Leather, Substitute. Textileather Company. 165,309; Mar. 6; Serial No. 161,512; published May 23, 1922.
Leather, Substitute. Textileather Company. 167,883; May 8; Serial No. 165,773; published Jan. 2, 1923.
Letters and figures of resilient material, Interchangeable cut-to-shape. Davenport-Taylor Mfg. Company. 175,520; Nov. 6; Serial No. 175,571; published June 5, 1923.
Liquids, Permanent foam for protection and preventing evaporation of volatile. Standard Oil Company (Incorporated in New Jersey). 167,852; May 8; Serial No. 164,201; published Jan. 2, 1923.
Mat, Leather flexible door. S. J. Kane. 171,426; Aug. 7; Serial No. 171,926; published May 8, 1923.
Mats, Leather floor. Standard Heel & Counter Co. 177,582; Dec. 18.
Metal plates to hold the heat under cooking vessels. Shaw, Welsh, & Company. 169,551; June 19.
Monuments. Burton Preston & Co. 171,373; Aug. 7; Serial No. 157,002; published May 1, 1923.
Mousetraps. Sand Company Inc. 169,312; June 12; Serial No. 169,227; published Mar. 13, 1923.
Neckties are to be drawn, Forms over which. Perfection Ty Press Manufacturing Company. 165,925; Mar. 20.
Numbers, changeable window display signs, and sign reflectors, House. C. E. Z. Company. 172,136; Aug. 21; Serial No. 176,449; published May 29, 1923.
Ornaments for decorative purposes, Figure. A. R. Jones. 167,858; May 8; Serial No. 156,744; published Jan. 30, 1923.
Paper drinking straws. A. Herz. 171,409; Aug. 7; Serial No. 176,182; published May 1, 1923.
Paper drinking straws. New Jersey Paper Tube Company. 175,515; Nov. 6; Serial No. 175,590; published Aug. 28, 1923.
Pendants, Luminous. Hart & Hegeman Mfg. Co. 171,497; Aug. 7; Serial No. 171,419; published May 22, 1923.
Plaques, Metallic hot-dish. Etched Products Corporation. 174,830; Oct. 23; Serial No. 176,075; published July 24, 1923.
Poultry fountains. H. J. Barker. 169,102; June 5.
Poultry-raising appliances. Watson Manufacturing Company. 173,169; Sept. 18; Serial No. 115,304; published June 19, 1923.
Receptacles and containers, Caps and closures for. C. & W. Cap Company. 175,126; Oct. 30; Serial No. 180,688; published Aug. 7, 1923.
Rubber and leather goods and waterproof oiled fabrics. Goodyear Rubber Company. 23,455–6; renewed Aug. 8, 1923.
Rubber mats, waterproofed fabrics, etc. Tetralin Gesellschaft mit beschränkter Haftung. 171,385; Aug. 7; Serial No. 142,044; published May 8, 1923.
Rubber matting. Paine & Williams Company. 174,436; Oct. 16; Serial No. 178,060; published July 3, 1923.
Rubber rods, sheets, and tubes, Hard-. American Hard Rubber Company. 167,813; May 8; Serial No. 165,655; published Feb. 20, 1923.
Rubber sheeting. Holstein Rubber Company. 167,868; May 8; Serial No. 168,681; published Feb. 20, 1923.
Rubber sheeting. A. Stein & Company. 175,830; Nov. 13; Serial No. 183,005; published Sept. 4, 1923.
Rug and carpet holders and materials for same. L. C. Chase & Company. 172,668; Sept. 11; Serial No. 174,289; published June 5, 1923.
Rugs and the like, Corner attachments for. Klearflax Linen Rug Company. 168,522; May 22.
Sausage casings, Salted and dried. Oppenheimer Casing Co. 165,422; Mar. 6; Serial No. 154,526; published Dec. 5, 1922.
Sheet material formed from textile material and a binder, Nonmetallic. General Electric Company. 169,244; June 12; Serial No. 170,524; published Mar. 13, 1923.
Shoe and slipper trees. James N. Mayhew Co. 175,827; Nov. 13; Serial No. 182,427; published Sept. 4, 1923.
Shoe lasts. F. W. Stuart. 167,854; May 8; Serial No. 163,059; published Jan. 30, 1923.
Shoe lasts, blind awnings, animal traps, etc. Baltimore Bargain House. 174,459; Oct. 16; Serial No. 117,793; published June 26, 1923.
Signs. Brown & Bigelow. 174,557; Oct. 23; Serial No. 160,745; published July 17, 1923.
Signs. Thomas Cusack Company. 167,851; May 8; Serial No. 164,234; published Feb. 6, 1923.
Signs, Advertising. Cott-a-lap Company. 175,832; Nov. 13; Serial No. 181,980; published Sept. 4, 1923.

Classified list of trade-marks registered—Continued.

Signs, advertising boards, and painted board signs, Sheet-metal bill. G. Minck. 170,100; July 10; Serial No. 169,136; published Apr. 10, 1923.
Signs for mechanical advertising purposes. H. C. Dawson. 175,562; Nov. 6; Serial No. 179,033; published Aug. 21, 1923.
Signs for mechanical advertising purposes. Wark Advertising Systems Company. 165,307; Mar. 6; Serial No. 162,155; published Dec. 5, 1922.
Signs, Metal. Little Giant Company. 169,072; June 5; Serial No. 170,394; published Mar. 13, 1923.
Slabs and sheets of rubber composition material, particularly for shoe soles. J. E. Cable. 169,225; June 12; Serial No. 160,660; published Aug. 15, 1922.
Stakes for supporting cooking and other utensils, Campfire. Sterling Products Corporation. 167,846; May 8; Serial No. 165,040; published Feb. 20, 1923.
Statuettes. Ragbag Sisters Company. 174,413; Oct. 16; Serial No. 174,638; published June 26, 1923.
Stepladders. Baker, Hamilton & Pacific Company. 175,388; Nov. 6; Serial No. 170,352; published Aug. 28, 1923.
Stepladders. Dayton Safety Ladder Company. 169,212; June 12; Serial No. 167,605; published Mar. 13, 1923.
Stepladders, Folding. F. M. de Saussure, jr. 173,078; Sept. 11.
Straws, Soda. New Jersey Paper Tube Company. 174,972; Oct. 30; Serial No. 156,542; published Aug. 14, 1923.
Stereotyping and electroplating, Matrix or dry mat used in. W. B. Wheeler Corporation. 167,882. May 8; Serial No. 165,840; published Feb. 6, 1923.
Stereotyping and electroplating, Matrix or dry mat used in. W. B. Wheeler Corporation. 167,935; May 8; Serial No. 172,309; published Feb. 20, 1923.
Switches and lamps, Luminous pendants for use with electrical. Luminite Corporation. 169,161; June 12. Serial No. 165,878; published Mar. 13, 1923.
Tags. Fogarty Manufacturing Company. 172,887; Sept. 11; Serial No. 175,783; published June 5, 1923.
Tags, Identification. D. Hirsch. 170,695; July 17.
Tents. Brooks Tent & Awning Co. 165,642; Mar. 13.
Tents and tarpaulins. Indianapolis Tent & Awning Co. 163,092; Jan. 2.
Tents, tarpaulins, wagon covers, etc. Canvas Products Company. 170,690–1; July 17.
Tents, tent flies, tarpaulins, etc. Canvas Products Company. 171,907; Aug. 14.
Tents, tent flies, tarpaulins, etc. Canvas Products Company. 174,720; Oct. 23; Serial No. 174,065; published July 17, 1923.
Tents, tent flies, tarpaulins, etc. Canvas Products Company. 174,721; Oct. 23; Serial No. 174,068; published July 17, 1923.
Textile-fabric sheeting coated with compositions. Kenlit Mfg. Co. 169,271; June 12; Serial No. 152,076; published Feb. 27, 1923.
Towels, etc., Markers for. A. D. Rostow. 175,031; Oct. 30; Serial No. 179,013; published Aug. 14, 1923.
Traps, Animal. V. C. Carda. 169,211; June 12; Serial No. 167,878; published Mar. 13, 1923.
Traps, Animal. W. A. Gibbs. 175,225; Oct. 30.
Traps, Animal. Oneida Community, Limited. 176,926; Dec. 4.
Traps, Mouse and rat. Automatic Trap Co. 163,488; Jan. 16.
Trunks. Waterproof cloth or fabric which forms the outside covering for. Hartmann Trunk Company. 174,457; Oct. 16; Serial No. 147,289; published June 26, 1923.
Waterproof automobile and carriage fabric. F. S. Carr Company. 172,267; Aug. 28; Serial No. 177,273; published May 29, 1923.
Waterproof fabrics. Archer Strauss Rubber Company. 169,247; June 12; Serial No. 170,705; published Mar. 13, 1923.
Waterproof fabrics. Schwarzwaelder Company. 175,825; Nov. 13; Serial No. 182,676; published Sept. 4, 1923.
Waterproofed cotton duck. John Boyle & Company. 165,313; Mar. 6; Serial No. 166,167; published Nov. 7, 1922.
Waterproofed fabrics in the piece. Nicholson's Raincoat Co. 174,704; Oct. 23; Serial No. 176,497; published July 17, 1923.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

CLASS 1.

Asbestos, Crude. Hobdell, Way and Company. 165,995; Jan. 9.
Bamboo lengths, Split. H. L. Leonard Rod Co. 172,337; Feb. 13.
Belts. H. Rosenberg. 173,248; Sept 4.
Blueberry plants. Joseph J. White, Inc. 172,458. Apr. 24.
Calfskins, Finished upper-leather. C. D. Brown & Co. 178,160–1; July 17.
Casein for the production of artificial horn, artificial horn. Internationale Galalith-Gesellschaft Hoff & Co. 174,522; Aug. 21.
Caoutchouc milk. F. R. Henderson & Co. 172,533; Apr. 24.
Cement and composition floors, etc., Abrasive material for impregnating. Abrasive Company. 165,978; Oct. 16.
Chamois. Flegle & Saxe. 155,678; Feb. 6.
Charcoal. New Jersey Charcoal Co. 179,379; Sept. 4.
Charcoal to be needed in connection with stock and poultry feed. Walnut Growers Spray Manufacturing Company. 159,825; Feb. 6.
Coal. Berwind Fuel Company. 183,622; Oct. 30.
Coal. Central Indiana Coal Co. 179,516; June 19.
Coal. Consolidated Co.—Coal Division, Inc. 186,105; Dec. 4.
Coal. Cortright Coal Company. 157,475; Apr. 17.
Coal. Elkhorn Coal Company. 180,593; Aug. 21.
Coal. H. L. Goodwin. 167,871; Jan. 9.
Coal. Harrisburg Coal Mining Company. 176,624; July 17.
Coal. Harrisburg Colliery Company. 182,584; Aug. 21.
Coal. Kalamazoo Ice & Fuel Company. 185,595; Dec. 11.
Coal. Kearns Coal Company. 182,246; Oct. 16.
Coal. King Coal Company. 167,966; Apr. 3.
Coal. Laurence E. Tierney Fuel Company. 184,194; Nov. 13.
Coal. Monsarrat Brothers Coal Co. 185,373; Dec. 18.
Coal. Montevallo Mining Company. 182,355; Sept. 18.
Coal. Reeves Coal and Dock Co. 164,194; July 17.
Coal. Rock Lick Smokeless Coal Company. 174,977; May 29.
Coal. H. M. Schaff Coal Company. 184,567; Dec. 4.
Coal. Semibituminous. Pine Ridge Coal Company. 185,310; Dec. 4.
Coal. Southern Coal & Coke Co. 169,653–4; Jan. 9.
Coal. Southern Coal & Coke Co. 169,655; Feb. 13.
Coal. Victor-American Fuel Company. 164,472; Apr. 9.
Coal. Victor-American Fuel Company. 164,474; Apr. 17.
Coal. Victor-American Fuel Company. 164,476; Apr. 3.
Coal and coke. Pennsylvania Coal & Coke Corporation. 171,384; Feb. 13.
Coal and coke. Pennsylvania Coal & Coke Corporation. 171,386; Feb. 13.
Coal and coke. Pinnacle Coal & Coke Company. 144,043; Apr. 17.
Coal and coke. Swastika Fuel Co. 171,597–8; Mar. 27.
Coal, Bituminous. Brooks, Smith & Coane, Limited. 185,329; Nov. 13.
Coal, Bituminous. Maynard Coal Company. 158,191; Apr. 3.
Coal, Blacksmith. Dickinson Fuel Company. 181,253; Sept. 4.
Coal, coke, and charcoal. M. R. Segall. 179,169; June 19.
Coal molded and pressed into briquettes. Southern Gem Coal Corporation. 167,832; Feb. 20.
Coal, Steam and domestic. Virginia Blue Gem Coal Corporation. 175,691; Apr. 24.
Coal tar and coke, Crude. Alabama By-Products Corporation. 166,626; Jan. 9.
Compound having the appearance of putty. Products Mfg. & Sales Co. 167,686; Apr. 24.
Core binder. J. S. McCormick Company. 179,810; Oct. 16.
Core facings, blackings, and binders, etc. Bird-Archer Company. 158,596; Apr. 17.
Corn, Seed. C. A. Barden. 181,928; Oct. 16.
Cotton, Raw. Anderson, Clayton & Co. 181,804; Aug. 21.
Cottonseed. A. D. Mebane. 173,848; June 5.
Cottonseed. Saunders Lone Star Seed Co. 165,970; Dec. 4.
Ferns. Zellwood Fern Growers Association. 181,049; Oct. 30.
Flour, Tripoli. American Tripoli Company. 165,109; Feb. 6.
Fluor spar, Ground, lump, and gravel. Kentucky Fluor Spar Co. 171,541; Feb. 13.
Fur pelts. H. Rosenberg. 173,443; Aug. 21.
Fur. Salmon & Wiener. 173,214; June 5.
Fur skins. J. Becher. 167,762; Feb. 13.
Fur skins. Cassileth & Schwartz. 169,754; Apr. 24.
Fur skins. North American Fur Dyeing Company. 171,983; Apr. 3.
Fur skins and pelts imitating seal. A. Pierini. 171,387; Mar. 13.
Fur, skins and pelts, Raw. A. Pierini. 171,388; Mar. 13.

Fur skins dressed and dyed. Herman Basch & Co. 169,752; Feb. 6.
Furs and pelts. A. Pierini. 163,173; Aug. 7.
Furs, skins, and peltries. Gustave J. Fuerth & Co. 165,864; Jan. 2.
Goatskins, colt and horse hides, kips, and cow sides. C. A. Reynolds. 174,592; Apr. 24.
Graphite. Superior Flake Graphite Company. 171,968; May 22.
Gravel, Paving. Allen Gravel Company. 159,676; Apr. 3.
Hair and prepared hair stock, Raw. Hyman & Oppenheim. 170,293; Feb. 20.
Hair, Human and animal. L. Levussove. 162,751; Apr. 24.
Hair, Human and animal. L. Levussove. 177,496; Dec. 4.
Hides, furs. Haack & Company. 156,901; Feb. 20.
Hides, skins, tallow, and wool. Wilcox Mofflin Limited. 171,113; Oct. 23.
Hops. B. McGibbon. 183,660; Nov. 13.
Hops. A. J. Ray & Son, Inc. 165,414; Feb. 6.
Hops. J. Sonnenschein Hop Company. 173,148; July 17.
Hops. J. Sonnenschein Hop Company. 173,149; Apr. 24.
Horticultural and floricultural products. S. Robert. 173,245; Mar. 13.
Hydrocarbon materials or asphaltum products. R. M. A. Chacon. 175,000. June 5.
Ice. Imperial Ice and Development Company. 182,418; Nov. 20.
Kapok and crude rubber. Netherlands Corporation for Oversea Trade, Inc. 173,522; June 5.
Kapok and crude rubber. Netherlands Corporation for Overseas Trade, Inc. 173,524; June 5.
Lamp shades of fibrous material. R. Beardsley. 174,997; July 17.
Leather. California Tanning Company. 182,700; Nov. 13.
Leather. Endicott Johnson Corporation. 167,078; Feb. 13.
Leather. P. Fernandez. 171,795; Mar. 13.
Leather. C. G. Fleckenstein Company. 166,362; Apr. 10.
Leather. Charles K. Fox, Inc. 170,575; May 22.
Leather. W. Graham. 171,693; Apr. 10.
Leather. Magnus Hessberg, Inc. 167,174; Feb. 13.
Leather. Kistler Leather Company. 158,931; Feb. 27.
Leather. Kistler Leather Company. 175,991; July 3.
Leather. W. & J. Martin. 175,148; June 5.
Leather. Ohio Leather Company. 165,977; Mar. 13.
Leather. New Castle Leather Co. 184,037; Nov. 13.
Leather. Schoellkopf Co. 151,102; Oct. 16.
Leather. Seton Leather Co. 177,202; Nov. 20.
Leather. C. Trautman & Company. 186,303; Dec. 4.
Leather. A. O. Trostel. 167,274; Mar. 27.
Leather. A. A. Williams. 178,421; July 17.
Leather. J. B. Yunker & Sons. 167,037; Mar. 13.
Leather, Dressed. Mohawk Tanning Co. 171,546; Feb. 13.
Leather, Finished. Day-Gormley Leather Co. 119,153; Feb. 27.
Leather, Partly-prepared. Nickelsburg Brothers Company. 163,762; Feb. 6.
Leather, Sole. T. Cover, jr. 186,630; Dec. 25.
Leather, Sole. C. G. Fleckenstein Co. 167,386; Apr. 3.
Leathers. Hunt-Rankin Leather Co. 174,450; May 29.
Leathers. Robertson Leather Company. 177,329; June 19.
Leathers. Wolfe Leather Co. 176,392; May 22.
Lime, Hydrated, Charles Warner Company. 154,344; Apr. 10.
Livestock, including dogs. A. M. Baldwin. 177,469; Nov. 13.
Logs. Cadwallader Gibson Lumber Co. 174,299–300; May 22.
Logs. Delta Export Lumber Corporation. 178,496; July 3.
Logs. Delta Export Lumber Corporation. 178,497; July 17.
Logs and rough lumber. Dudley Lumber Company. 178,598; July 24.
Marble. Bond Marble Company. 172,256; Mar. 13.
Materials, Sheet. Daineppon Celluloid Company. 151,034; Feb. 27.
Molding composition. Industrial Molded Materials Company. 167,353; Aug. 28.
Moldings, castings, etc., Composition used in the manufacture of. American Cellulose & Chemical Manufacturing Company. 166,212; Jan. 9.
Nitrocellulose compound, Sheeting made from. Bachmann Bros. 166,931; Jan. 9.
Nursery products. Pfund Nursery Co. 174,028; Apr. 24.
Oils, greases, etc. Humble Oil & Refining Company. 169,594; Jan. 9.
Packing pads. H. W. Selle & Co. 178,474; July 17.
Paper pulp. St. Maurice Paper Company. 164,724; Oct. 23.
Pelts. J. L. Alvord. 165,776; Dec. 4.
Pelts. H. Rosenberg. 173,248; Nov. 20.
Phenolic condensation product, Laminated. Diamond State Fibre Company. 180,163; Aug. 7.
Phenolic condensation product, Laminated. Diamond State Fibre Company. 183,439; Nov. 27.
Phenolic condensation product, Laminated. Diamond State Fibre Company. 183,442; Nov. 27.
Plants, Strawberry. R. M. Kellogg Co. 179,870–1; Nov. 27.
Plastic preparation. Necol Industrial Collodions, Limited. 185,375; Dec. 4.
Pitch, Hardwood. Rubber Service Laboratories Company. 171,471; Aug. 14.
Pyroxylin, nitrocellulose, pyroxylin and artificial ivory. E. I. du Pont de Nemours & Company. 170,241; Mar. 13.
Raw or partly-prepared materials. T. L. Straus. 166,611; Jan. 2.
Resins, coal, coke, rubber, etc. Tetralin-Gesellschaft mit beschränkter Haftung. 142,047; May 1.
Rock. B. F. Williamson. 183,727; Oct. 30.
Rubber, Bituminous material for compounding. Barrett Company. 173,690–2; May 29.
Rubber, Bituminous material for compounding. Barrett Company. 186,456–9; Dec. 4.
Rubber composition, Hard. Nuloid Corporation. 174,668; June 5.
Rubber, Guayule. Continental Rubber Company of New York. 174,427; Apr. 24.
Rubber sponges and rubber sponge for manufacturing purposes. Featheredge Rubber Company. 163,332; Jan. 30.
Seed, Grass and field. Egyptian Seed Growers Exchange. 170,759; Apr. 10.
Seeds. J. Bolgiano Seed Co. 172,859; May 22.
Seeds and bulbs. Stumpp & Walter Co. 182,019; Dec. 4.
Seeds and bulbs, Vegetable, flower, and lawn-grass. W. Atlee Burpee Co. 175,067; Apr. 24.
Seeds, Agricultural and grass. Springfield Seed Company. 176,431; June 12.
Seeds, Clover and field. F. S. Radway. 182,261; Nov. 13.
Seeds. Farm. Summerour & Son. 171,773; June 12.
Seeds, Farm and garden. Pedigreed Seed Company. 167,890; Feb. 20.
Seeds, Field, garden, and farm. Aggeler & Musser Seed Co. 168,743; May 1.
Seeds, Flower. W. Atlee Burpee Co. 175,066; Apr. 24.
Seeds, Garden and flower. L. D. Waller Seed Co. 167,542; May 1.
Seeds, Grass, field, and garden. Colorado Milling & Elevator Company. 166,288; Jan. 23.
Seeds, onion sets, and bulbs. Leonard Seed Company. 185,525; Dec. 18.
Seeds, Vegetable. W. Atlee Burpee Co. 175,065; Apr. 24.
Seeds, Vegetable. Keboe Preserving Company. 176,521; July 3.
Silk fiber, Artificial. A. David. 170,712–13; Mar. 13.
Silk waste, partly prepared, Artificial-. Abeeco Mill, Inc. 179,912; Aug. 21.
Skins and pelts. A. Pierini. 178,768; Oct. 16.
Skins, Dyed animal. Joseph Hollander, Inc. 166,741; Apr. 10.
Shell. E. H. Wardwell. 175,331; July 17.
Shell and grit. East Coast Trading Co. 173,075; June 19.
Transparent and translucent sheets. Transloid Products Co. 185,268; Dec. 25.
Trees, plants, shrubs, and bushes. F. M. Edwards. 178,831; July 17.
Wool. O. N. Purdy, jr. 181,774; Oct. 23.
Wool. New Zealand Refrigerating Company, Limited. 161,373; May 1.
Wool. New Zealand Refrigerating Company, Limited. 161,378; May 1.
Wool. New Zealand Refrigerating Company Limited. 161,380; May 29.
Wool. Sociedad Anonima Financiera y Comercial Fuhrmann Limitada. 178,633; June 19.
Wool, hides, and skins. Trident Traders, Inc. 182,021; Oct. 16.

CLASS 2.

Ash, garbage, and oil cans; trash burners, etc. H. P. Chandlee Sons Co. 185,106; Nov. 27.
Augers and bits, Boxes for containing. Irwin Auger Bit Company. 171,802; Feb. 27.
Augers and bits, Roll cases for containing. Irwin Auger Bit Company. 171,800; Feb. 27.
Automobile auxiliary gasoline tank. Sur-Duz Products Company. 167,957; May 8.
Bags. H. J. Dudley. 180,056; Sept. 4.
Bags and baskets, Cloth. W. T. Lane & Brothers. 166,306; Feb. 13.
Bags, aprons, News and coal. Allied Belting Company. 179,128; Sept. 4.
Bags, Burlap. Bemis Bro. Bag Co. 173,555; Mar. 20.
Bags, Cloth mailing. American Sack Co. 173,991; Feb. 27.
Bags, clothes protectors, clothespin aprons, Shoe. Al-Lon Manufacturing Company. 180,647; Sept. 4.
Bags, Cotton, burlap, and paper. Bemis Bro. Bag Company. 145,544; June 19.
Bags, Laundry. Tingue, Brown & Co. 174,758; Apr. 3.
Bags, Mailing. Milwaukee Bag Co. 176,638; Apr. 10.
Bags, Mothproof. Roseth Corporation. 185,265; Nov. 27.
Bags, Moth and dust proof cloth. D. Buel. 174,231; Apr. 10.

Classified list of trade-mark titles—Continued.

Bags or nets, Empty. G. W. Woodruff. 179,388; Nov. 13.
Bags, Shoe and skate. James W. Brine Company. 172,729; Sept. 4.
Bags, Shopping. B. Katz & Son. 185,467; Oct. 16.
Bags, soap boxes, wash-rag cases, cretonne bags, etc., Beaded. Calhoun, Robbins & Co. 172,205; Feb. 20.
Baskets. Edgerton Manufacturing Co. 183,698; Sept. 11.
Baskets. Shearer & McCarthy Corp. 184,217; Nov. 20.
Baskets, Waste. Barlow Brothers. 185,738; Nov. 13.
Boards, fabric winders, etc., Cloth and bolt. H. Bridgman Smith Company. 169,277; Mar. 20.
Bottle containers or cases. Defiance Pressed Steel Company. 175,714; Apr. 24.
Bottles, Perfume. Rochambeau Import & Export Co. 160,153; Nov. 6.
Box shooks. Pelican Bay Lumber Company. 184,361–2; Oct. 16.
Box shooks. G. X. Wendling. 178,318; July 3.
Boxes. Superior Distributing Co. 173,340; July 17.
Boxes and containers comprising boxes and containers for cream, salve, pins, etc. E. I. du Pont de Nemours & Company. 170,237; Mar. 13.
Boxes, Collection. Central Committee Knesseth Israel of Jerusalem, Palestine, Inc. 169,395; Feb. 20.
Boxes, envelopes, wrappers, etc., Corrugated fiber and paper. David Weber & Co. 180,512; Sept. 4.
Boxes, Fiber. Iowa Fiber Box Company. 176,475; Apr. 10.
Boxes, Fiber. St. Regis Paper Company. 184,478; Nov. 20.
Boxes, Folding. Paraffine Companies, Inc. 173,205; Feb. 20.
Boxes, hair receivers, and jewel boxes, Puff. Cutino Company. 173,407; June 19.
Boxes or receptacles of various shapes and sizes. Tin Decorating Company of Baltimore. 172,619; Mar. 20.
Boxes, Tobacco, cigar, and cigarette. Lebwohl & Mindich. 166,950; July 17.
Boxes, wrappers, and receptacles, Candy. Pup Toys Company. 175,159; June 19.
Boxlike receptacles. H. B. Loeb. 169,489; Feb. 20.
Cages, Bird. Andrew B. Hendryx Co. 173,316; Feb. 27.
Cans and cans for packing and shipping ice cream, Milk-shipping. Des Lauriers Metal Products Co. Inc. 178,233; May 15.
Cans and cans used for packing and shipping ice cream, Milk-shipping. Des Lauriers Metal Products Co. Inc. 176,166; Apr. 24.
Cans for coal oil and gasoline, Sheet-metal. Winfield Manufacturing Company. 164,139; Mar. 13.
Cans made of tin. Southern Can Company. 178,477; May 29.
Cans, trash burners, ash sifters, etc., Ash, garbage, and oil. H. P. Chandlee Sons Co. 186,179; Dec. 4.
Cardboard to be placed in fruit boxes to prevent the crushing of the fruit. S. Satake. 169,328; Apr. 17.
Carryall or bag. C. B. Stanton. 163,295; Mar. 20.
Cartons and boards. Weldfast System, Inc. 182,324; Sept. 18.
Coffee and the like, Empty containers for. Jas. H. Forbes Tea & Coffee Co. 170,975; May 15.
Condiment holder. H. W. Stoner. 170,315; Feb. 20.
Cones. Canadian Wm. A. Rogers, Limited. 180,841; Sept. 4.
Containers. F. X. Eberle. 172,936; Apr. 3.
Containers. B. Fischer & Co. 154,181; Dec. 11.
Containers and boxes, Metal and paper fancy. Fred A. Wish Incorporated. 180,638; July 3.
Containers and shooks therefor, Wooden. California Barrel Co. 176,946; May 29.
Containers, Condiment. C. H. Haeseler. 172,834; July 3.
Containers for food products, Transparent. Page & Shaw, Inc. 179,424; July 3.
Containers or cabinets for holding and displaying goods. Oneida Community, Limited. 164,066; Jan. 23.
Containers, Portable. Carbide & Carbon Chemicals Corporation. 186,178; Dec. 4.
Containers used for candy, lunch, workboxes, etc., Metal. T. B. Lamb. 180,227; Oct. 30.
Cooling containers. Glacifer Company. 148,023; Feb. 20.
Cups, Paper. Mayer Coating Machines Co. 169,028; June 19.
Cylinders, bottles, flasks, etc. Mannesmannröhren Werke. 163,688; Sept. 4.
Dishes and dispensing receptacles for paper dishes, Metal holders for paper. Vortex Mfg. Co. 180,311; July 3.
Display device. American Mint Company. 170,858; Feb. 20.
Drums, Shipping. Seymour & Peck Company. 181,701–2; Nov. 20.
Egg and poultry cases. Butts & Miller Co. 183,136; Oct. 16.
Envelopes, Merchandise. A. Herz. 173,567; Feb. 20.
Garment bag. Arden Products Corporation. 185,911; Dec. 4.
Gasoline and oil tanks, Emergency. J. C. Mewshaw. 174,021; Feb. 27.
Hampers, Wooden. R. B. White. 178,686; Sept. 18.
Holy-water fountains, Pocket. Matre & Company. 166,951; Mar. 27.
Iceless and fireless receptacles for retaining heat and cold. P. H. Brainard. 176,061; May 8.
Jars, cases, and other receptacles. Aridor Company. 163,850; May 29.
Knitted bags. Nitram Manufacturing Co. 172,007–8; Jan. 9.
Lamps, Electric. Republic Photographic Corporation. 170,339; Jan. 2.
Linen and clothes hampers, trays, cans, etc. F. O. Schoedinger. 172,178; Dec. 11.
Merchandise and eyeglass receptacles, All-leather and imitation-leather. A. M. Koenig. 159,756; Jan. 9.
Molded objects made from composition containing sulphur. F. J. Waldmeyer. 166,543; Jan. 9.
Music-note-roll ribbons and sheets, Boxes for. Philipps Aktien-Gesellschaft. 150,287; Oct. 23.
Packages, Tin, metal, and paper. Acme Can Company. 180,203; Sept. 4.
Packages, Toilet. F. P. Hudnall. 172,045; Apr. 3.
Pails, cans, bread boxes, Water and dairy. Schlueter Manufacturing Co. 172,903; May 29.
Paper-bag holder or cabinet. American Rack Company. 170,747; Feb. 27.
Paper bags. Crown Williamette Paper Company. 182,401; Sept. 4.
Paper bags. Hubbs & Corning Company. 171,845; Feb. 27.
Paper bags. Le Montree Manufacturing Company. 188,019; Dec. 25.
Paper bags. U. S. Paper Goods Co. 180,911; Sept. 4.
Paper bags. Union Bag & Paper Corporation. 169,040; Jan. 2.
Paper bags. Wortendyke Manufacturing Co. 183,546; Oct. 16.
Paper bags. Zellerbach Paper Company. 182,433; Sept. 4.
Paper bags. Zellerbach Paper Company. 182,455–60; Sept. 4.
Paper bags and baskets. S. Kann. 183,386; Dec. 25.
Paper bags and chests. White Tar Company. 175,447; May 22.
Paper boxes. F. N. Burt Company. 159,494–5; Mar. 20.
Paper boxes. Schmeer's Paper Box Company. 174,112; Mar. 27.
Paper cans. National Paper Can Company. 177,317; Apr. 24.
Paper cartons. Standard Paper Company. 176,659; Apr. 10.
Paper garment bags. Rike Folding Box Company. 159,882; Apr. 24.
Paper pails. Western Paper Box Company. 181,796–8; Aug. 14.
Paper receptacles. Raymond Bag Company. 172,687; Apr. 17.
Paper towels, napkins, etc., Dispensing devices for. Independent Paper Mills, Inc. 176,186; Apr. 3.
Paper tubes to be used with explosive powder in blasting. Clark Patent Tubing Co. 175,069; Apr. 10.
Parcel carrier. C. P. Atkins 155,584; Feb. 20.
Plates, Wooden. Oval Wood Dish Corporation. 176,204; Apr. 10.
Receptacles. J. C. Dowd & Co. 183,469; Oct. 23.
Receptacles for carboys. Hercules Carboy Box Company. 178,342; May 29.
Receptacles for foods, drinks, etc., Double-walled. Isola Gesellschaft für Warme- und Kälte Isolierung. 160,808; Feb. 27.
Receptacles for gloves, handkerchiefs, lingerie, and saving materials. Tin Decorating Company of Baltimore. 160,165; Apr. 3.
Receptacles for holding compressed air, Metal. H. H. Moore. 164,651; Jan. 2.
Receptacles insulated, Food. New Standard Corporation. 179,162; July 24.
Reels for hose. American Fork & Hoe Company. 181,714; Oct. 2.
Reels upon which wire is wound. F. Yurcich. 162,233; Sept. 18.
Rouge and powder compact package. Lazell Perfumer. 170,300; July 24.
Sewing boxes and tailor trays. J. A. Witt. 168,818; Feb. 27.
Sewing case. B. S. Schwed. 173,010; Apr. 3.
Shipping cases, Fiber. St. Regis Paper Co. 175,445; Apr. 17.
Soaps, pastes, powders, etc. Devoto y Cauchaner. 171,729; Apr. 3.
Spectacle cases. Pressto Leather Products Corporation. 173,720; Mar. 20.
Staves. Bobet Brothers, Inc. 179,581; Dec. 4.
Stonework articles, Ornamental. A. L. T. Rustic Company. 177,518; July 10.
Tanks. E. W. Farley. 183,942; Nov. 27.
Tanks. Leader Iron Works. 172,749; May 22.
Tanks and settling basins. Kaustine Company. 177,086; Nov. 27.
Tanks, Metal. Youngstown Welding Company. 170,231; Jan. 9.
Tanks, Septic. Keynote Manufacturing Co. 176,480; July 17.
Tanks, Storage. M. & V. Tank Company. 183,527; Oct. 30.
Toothbrush containers. F. T. Conley. 175,771; Apr. 17.
Toothbrush holder. I. G. Speidel. 178,679; Oct. 30.

Vaults, Burial. Con-O-Lite Corporation. 176,072; Apr. 17.
Vessels, Temperature-retaining. American Thermos Bottle Company. 181,102; Sept. 4.
Vulcanized-fiber containers. Fibre Specialty Mfg. Co. 180,426; Sept. 18.

CLASS 3.

Bags, Hat. H. C. Gamble. 177,664; May 15.
Bags, Ladies' vanity. O. J. Milnor. 138,292; May 15.
Bags, portfolios, pocketbooks, etc. F. Hertz. 185,854; Dec. 25.
Bags, suitcases, and hatboxes, Traveling. Katz Bros. Leather Goods Co. 186,843; Dec. 11.
Bags, Traveling. Direct Method Company. 182,572; Aug. 28.
Bits, stirrups, spurs, etc. F. Eglington. 180,368; Oct. 16.
Buckles and straps for baggage, etc. J. H. Tabler. 137,973; Mar. 27.
Cardcases, bill folds, hand bags, school bags, etc. Marathon Tire & Rubber Company. 148,498; Jan. 2.
Cardcases, pocketbooks, portfolios. L. Stein. 173,448; Mar. 27.
Collars, harness, and harness parts, Horse. Bona Allen, Inc. 182,327; Sept. 18.
Garment-holding frames, Metal. H. R. Schroyer. 182,318; Nov. 13.
Golf-score holders. Kiggins & Tooker Co. 169,133; Dec. 25.
Hame attachments. U. S. Hame Company. 178,481; May 29.
Hame trimmings and saddlery hardware. U. S. Hame Company. 178,311; May 29.
Hames, hame trimmings, and saddlery hardware. U. S. Hame Company. 178,312–3; May 15.
Hand bags and pocketbooks, Ladies'. J. Cyganiewicz. 175,071; Apr. 24.
Hand bags, Children's. Herz & Kory. 177,557; Aug. 14.
Hand bags, etc., Ladies' and children's. M. J. Vogel. 177,153; Sept. 11.
Hand bags, Ladies'. Blum & Mittenthal. 179,847; July 10.
Hand bags, purses, and pocketbooks, Ladies' and children's. M. J. Vogel. 176,386; Apr. 10.
Harness. Henry Blake Harness Company. 168,292; May 29.
Harness, collars, saddlery, and parts thereof. W. W. Gleckner & Sons Co. 179,267; July 10.
Harness, harness parts, nets, and sweat pads. Walter Boyt Company. 186,629; Dec. 25.
Hatboxes, suitcases, auto lunch kits, etc. Xcluso Auto Trunk & Specialty Corp. 180,572; Aug. 21.
Horse collars. G. Bernd Company. 181,053; July 10.
Horse collars. Indianapolis Saddlery Company. 182,541; Nov. 20.
Horseshoes and horseshoe calks. Diamond Calk and Horseshoe Co. 144,607; Feb. 27.
Key cases. F. G. Bowen. 157,651; May 8.
Kits and cases, Vanity. Bovee Novelty Company. 178,325; June 19.
Knapsacks, baggage, and luggage devices, etc. S. Young. 178,201–2.
Leather goods and leather novelties. Phoenix Leather Goods Co. 186,445; Dec. 11.
Leather goods, Fancy. F. E. Sexauer. 117,254; Sept. 11.
Pass holders. Emil Weissbrod & Sons. 172,408; Mar. 13.
Pocket books, bill folds, cardcases, etc. U. S. Leather Goods Company. 173,455; May 8.
Pocketbooks, purses, cardcases, tourists' and traveling cases, etc. Calhoun, Robbins & Co. 172,204; Feb. 20.
Portfolios (brief cases). New Process Company. 176,496; Apr. 10.
Purses, pocketbooks, handbags, and roll-ups, Coin. E. J. Wilkins Co. 175,448; June 19.
Ring books, and leather coin pouches, key cases, and letter covers. Leather Products & Finishing Co. 173,902; Apr. 17.
Sacks, saddles, horse collars, etc., Pack. Marshall-Wells Company. 178,533; June 19.
Straps to hold children in high chairs, etc., Safety. Marathon Company. 162,027; Jan. 9.
Suitcases. New Process Company. 176,494–5; Apr. 10.
Suitcases, Coat cases, etc. S. Galewski Co. 161,878; Nov. 6.
Suitcases, trunks, traveling bags, etc. Goldenberg's. 170,638. Dec. 25.
Traveling bags, suitcases, brief cases, and trunks. Laitman & Laitman. 183,578; Oct. 30.
Traveling cases, Wardrobe. T. W. Thackery, jr. 183,089; Dec. 25.
Trunks. L. Knell. 184,914; Oct. 30.
Trunks. Osterweil Bros. Inc. 180,771; July 10.
Trunks. M. Wellen & Son. 163,426; July 3.
Trunks, traveling bags, etc. Innovation Ingenuities Incorporated. 183,745; Dec. 25.
Trunks, Wardrobe. New Process Company. 175,620; Apr. 24.
Trunks, Wardrobe. Seward Trunk and Bag Company. 178,004; May 15.
Vanity boxes. H. B. Canavello. 186,944; Dec. 25.
Vanity cases. A. Schocket. 158,585; Feb. 20.
Vanity cases and ladies' hand bags. Ritter Brothers. 177,517; Apr. 24.

CLASS 4.

Abrasive papers or cloths. H. H. Barton and Son Co. 168,707; Nov. 13.
Abrasives. A. P. Munning & Co. 166,312; Apr. 24.
Auto and furniture cleaner. R. Boyakin. 166,036; June 26.
Automobile bands, Nonchatter preparations for. Chat-Less-Ine Company. 175,185; Aug. 7.
Automobile top dressing. J. H. Morrill. 173,360; Apr. 24.
Automobile top dressing, leather dressing, soaps, neat's-foot oil. Grin Co. 184,851; Oct. 30.
Bearings, Compound for fitting in. Zip Manufacturing Company. 167,373; Jan. 30.
Belt dressing. Duryea Manufacturing Company. 173,742; June 12.
Belt dressing, Composite neat's-foot oil, pure neat's-foot oil, and razor strop. Baker, Hamilton & Pacific Company. 184,955; Oct. 16.
Belt dressings. K. F. Rosenberg. 171,284; Mar. 6.
Belting, Preparation for preserving, etc. Magic Leather Treatment Company. 175,257; Aug. 21.
Brake compound. Olsen-Moller Manufacturing Company. 172,804; May 1.
Brake dressing, fabric cleanser, etc., Safety. National Compound Co. 179,311; Nov. 20.
Brass and iron cleaners. Bird-Archer Company. 158,595; May 1.
Buffing rouge used in the buffing and polishing trade. A. P. Munning & Co. 174,321–4; Apr. 24.
Buffing rouge used in the buffing and polishing trade. A. P. Munning & Co. 174,792–3; Apr. 24.
Carbon-tetrachloride cleansing preparation. Home Products Inc. 165,952; Jan. 30.
Chemical preparation for application to windshields. Fordyce & Jackson. 180,756; Sept. 25.
Chests, Cedar. Hill-Hoel Mfg. Co. 181,944; Aug. 21.
Cleaner, also enamel cleaner, Furniture and automobile. J. A. Meinhardt. 180,875; Nov. 27.
Cleaner, Antiseptic. F. J. Baringer. 168,748; Jan. 30.
Cleaner, Dry. Davis Chemical Company. 152,834; Apr. 24.
Cleaner, Dry. J. A. Ford. 183,795; Oct. 16.
Cleaning and polishing combination for leather goods. W. E. Harris. 176,180; July 3.
Cleaning and polishing powder, Metal. C. Raskocil. 173,296; Mar. 20.
Cleaning and washing compound. Detroit Soda Products Co. 181,737; Nov. 13.
Cleaning compound. C. F. Butterfield. 175,596; July 3.
Cleaning compound. A. Nehring & Sons Co. 169,916; Jan. 30.
Cleaning compound. Reeder-Stage Chemical Company. 170,954; May 1.
Cleaning compound and soaps, General. A. S. Morgan. 166,943; Feb. 13.
Cleaning compound for cleaning carpets, fabrics, etc., and hand soap. D. F. Brownewell. 169,278; Jan. 2.
Cleaning compound for rugs. J. J. Swayne. 175,970; July 10.
Cleaning compound, Liquid. Import Drug Specialties Co. 162,820; Aug. 7.
Cleaning felts, fabrics, hats, etc., Preparations for. Société Anonyme des Produits du Lion Noir. 118,614; Nov. 13.
Cleaning fluid. R. A. Bassett. 165,850; Jan. 30.
Cleaning fluid. Glo-Tex Company. 173,763; Apr. 24.
Cleaning powder. P. Tump. 174,644; May 29.
Cleaning preparation for bathtubs, sinks, porcelain, etc. T. E. Forster. 134,467; June 12.
Cleaning preparation for kitchen uses, etc. French Chemical Company. 188,008; Dec. 25.
Cleaning preparation for varnished, painted, and enameled surfaces, etc. G. W. Herrick. 164,642; Jan. 2.
Cleanser. Rub-No-More Company. 182,772; Nov. 13.
Cleanser for all kinds of finished surfaces. J. G. Baker. 175,458; June 5.
Cleanser for artificial teeth. F. Reiss. 180,891; Sept. 25.
Cleanser for false teeth. San-O-Dent Company. 174,865; July 24.
Cleanser for rugs, carpets, etc. J. M. Hibler. 171,019; Apr. 24.
Cleanser for the toilet, Antiseptic. Triple S Service Corporation. 174,370; July 3.
Cleansing and disinfectant compounds for floors. National Renovating & Supply Co. 185,140; Dec. 11.
Cleansing powder. Glenco Chemical Co. 169,357; Jan. 30.
Cleansing preparation. W. Greever. 185,579; Nov. 20.
Cleansing preparation, laundry soap, and soap chips, General household. E. C. Roberts. 175,270; Oct. 16.
Cloth polishing wheels. A. P. Munning & Co. 166,192; Aug. 7.
Cloths, Cleaning. L. P. Galbraith. 169,398; Feb. 6.
Compound adapted for cleaning surfaces of wood, metal, etc. U. S. Sanitary Specialties Corporation. 175,535; Nov. 20.
Compound for cleaning hands and the like. Whitehouse Products Co. 172,700; May 1.
Compound for cleaning rugs, carpets, convas, etc. Tru-Blu Products Co. 165,837; Jan. 2.
Compound for cleansing and polishing woodwork, etc. L. Mestre. 185,759; Dec. 11.

Compound for use in washing clothes. Bachman & Wickens. 179,084; Aug. 7.
Compounds for cleaning, coloring, and polishing footwear. Everett and Barron Company. 166,817; Jan. 30.
Cream, Shaving. P. Amsterdam. 171,720; June 5.
Cream in the form of a soap paste, Shaving. F. H. Gross. 169,167; Feb. 13.
Detergent in the nature of a water softener and soap. Axxo Chemical Co. 180,957; July 24.
Dressing and polishing oil, Gas-range. Black Silk Stove Polish Works. 168,445; Jan. 23.
Dusting and polishing cloth, Treated. J. E. Eastmond. 173,181; Mar. 27.
Enamels, polishes, and cleaning compositions; also cleaning compositions for silver and gold, Shoe. Pee-Chee Cleaner Manufacturing Company. 170,033; Feb. 6.
Engines, Carbon removers for internal-combustion. Q-B Manufacturing Co. 164,512; Jan. 2.
Fabrics, Liquid for cleaning. Wilson-Imperial Company. 170,850; May 1.
Footwear, Cleaner for satin. Rex-Oil Company. 186,158; Nov. 20.
Footwear, Cleaning, coloring, and polishing preparation for. Everett & Barron Co. 168,676; Jan. 2.
Friction compound. Armiger Chemical Co. 173,618; Mar. 20.
Hand cleaner. A. R. Goldsworthy. 181,828; Dec. 25.
Hone. American Hone Co. 185,237; Nov. 20.
Jewelry-cleaning outfit. Uklean Co. 171,237; Mar. 6.
Laundry powder. S. E. Bargreen. 168,507; Dec. 25.
Lavatory cleanser. H. Pickup. 174,259; May 15.
Leather filler. Champion Fibre Company. 168,917; Jan. 2.
Leather or canvas belts, Dressing for. Chicago Belting Company. 181,879; Oct. 30.
Leather preservatives. North Star Chemical Works, Inc. 155,630; June 5.
Leather preservatives. G. L. Reish. 175,324; July 3.
Lime polishing compositions. A. P. Munning & Co. 179,214; July 24.
Lubricator or dressing, Leather. P. Edwards. 182,237; Oct. 16.
Lye, Flake. Niagara Alkali Company. 169,917; June 26.
Metal cleaner and polish. Grady Mfg. Co. 170,583; Jan. 2.
Metal plates for use in removing foreign matter from or in cleansing metal ware. Whiting & Davis Company. 185,275; Dec. 11.
Metal polish. A-1 Manufacturing Company. 176,318; Aug. 7.
Metal polish. B. Heller & Company. 171,757; May 29.
Metal polish. H. G. Parrott. 180,490; Sept. 25.
Metal-polishing compound. Danner Co. 131,017; July 10.
Mowers and the like, Compound for honing lawn. Zip Manufacturing Co. 167,374; Jan. 30.
Oil, Dressing. Flexo Co. 178,243; June 5.
Oil of pine preparation. J. G. Hubbell. 181,121; Nov. 13.
Oil, Petroleum. Vacuum Oil Company. 171,294; Nov. 20.
Oils for preserving leather and neat's-foot oil. New Zealand Refrigerating Company Limited. 161,381; Jan. 2.
Oils for preserving leathers and neat's-foot oil. New Zealand Refrigerating Company Limited. 161,375; May 22.
Oils for treating leather. Pierce Company. 169,224; Jan. 2.
Oils, Harness and sole-leather. Standard Oil Company. 167,833–4; June 5.
Oilstones, scythestones, whetstones, ax stones, oil and water stones, etc. Pike Manufacturing Company. 173,362; Apr. 24.
Oilstones, scythestones, whetstones, hones, strops, etc. Pike Manufacturing Company. 173,783; Apr. 24.
Outfit packages containing soap and towel. Warren Soap Manufacturing Company. 169,939; Feb. 13.
Paper, Abrasive. Minnesota Mining & Mfg. Co. 154,278; Feb. 13.
Paper and cloth, etc., Flint, garnet and emery. Baeder Adamson Company. 188,104; Dec. 25.
Paper and cloth, Flint, garnet, and emery. American Glue Company. 174,648; Mar. 20.
Paper or cloths, Abrasive. H. H. Barton & Son Co. 170,001; Dec. 4.
Paper, sharpening stones, etc., Sand, emery, and garnet. Marshall-Wells Company. 178,532; Aug. 21.
Papers and cloth, Abrasive. Herman Behr & Company. 172,824; Feb. 27.
Papers, electric abrasive cloth, etc., Aluminum-oxide, etc. H. H. Barton and Son Co. 173,461; Apr. 24.
Paste for cleaning false teeth. H. Merritt. 178,182; July 3.
Pastes, powders, cloth grinding wheels, paper, rouge, soap, polishing bricks, etc., Abrasive. W. L. Kann. 173,329; Mar. 20.
Petroleum product. Snowolene Holding Company. 184,688; Oct. 16.
Phonograph-record renewer cleaning preparation. Nu-Tone Products Co. 168,851; Jan. 2.
Polish. H. D. Head. 173,705; June 19.
Polish, Aluminum and metal. Spicky Polish Corporation. 174,539; Mar. 20.
Polish and dressing, Shoe. S. M. Bixby & Co. 187,083; Dec. 4.
Polish and dressing, Shoe. F. F. Dalley Company. 183,140; Oct. 16.
Polish and dressing, Shoe. F. F. Dalley Company. 183,200; Oct. 16.
Polish, dressings, and cleaners, Shoe. L. Vorgias. 180,348; Aug. 21.
Polish for brass, copper, bronze, etc. Grady Mfg. Co. 175,353; June 12.
Polish for stoves and nickel, etc. W. L. Staggs. 182,319; Oct. 30.
Polish, Gold and silver. A. N. Sanderson. 180,083; July 24.
Polish, Metal and stove. National Graphite Company. 172,389; Apr. 24.
Polish, shaving cream, soap, etc., Shoe. MacLean Drug Company. 175,504; Sept. 11.
Polish, Shoe. Akin Manufacturing Company. 174,809; Apr. 24.
Polish, Shoe. G. A. Capen. 155,394; Jan. 23.
Polish, Shoe. L. H. Fisher. 176,333; Aug. 7.
Polish, Shoe. Kraft Chemical Company. 173,651; June 12.
Polish, Silver. C. M. Kimball Company. 181,191; Nov. 13.
Polish, Stove. Capitol Chemical Company. 162,721; July 10.
Polish, Stove. Gabel Bros. 150,895; July 31.
Polish, Stove. C. M. Kimball Company. 181,192; Nov. 13.
Polish, Stove. M. Reel. 168,789; Feb. 27.
Polish, Stove. M. Siegel. 171,965; Mar. 20.
Polish, Stove. D. Tobin. 170,316; Feb. 6.
Polisher, Prepared textile stove. K. C. Rawles. 183,548; Nov. 20.
Polishes and metal polishes, Stove. Black-Iron Stove Polish Co. 171,298; Mar. 13.
Polishes for metal and boots and shoes. Nonsuch Manufacturing Co. 175,207; Aug. 7.
Polishes, Metal. J. T. Wood. 179,981; Sept. 11.
Polishes, Metal, silver, and stove. C. M. Kimball Company. 153,003; Nov. 13.
Polishes, Shoe and leather. H. R. Calvert. 177,358; June 5.
Polishes, tile and marble cleaner, and soap chips, Metal and working-board. J. E. Smith. 169,036; Mar. 27.
Polishing compositions. E. Reed Burns Manufacturing Corp. 171,009; Apr. 24.
Polishing composition, Lime. A. P. Munning & Co. 166,242; May 1.
Polishing compounds. A. Lowrey. 169,723; Nov. 13.
Polishing shoes, Ink for. A. Degerberg. 163,436; May 22.
Polishing wheels, Cloth. A. P. Munning & Co. 166,190; May 8.
Polishing wheels, Cloth. A. P. Munning & Co. 166,193; May 8.
Powder and preparation for the hands. J. D. La Croix. 184,408; Nov. 13.
Powder for bathing, washing, and cleaning purposes. W. E. Brackett. 173,994; Apr. 24.
Powder for removing oil and grease, etc., Water-soluble. American Chemical Paint Company. 181,235; Nov. 20.
Preparation adapted to be applied to brake bands, brake drums, clutches, belts, etc. Renovatol Company. 182,673; Oct. 16.
Preparation for cleaning. Polygon Products Co. 177,515; July 3.
Preparation for cleaning and polishing bathtubs, washstands, etc. Kemoshyne Products, Inc. 173,838; Aug. 7.
Preparation for cleaning and polishing jewelry, etc. Rand & Crane, Inc. 180,141; Aug. 21.
Preparation for cleaning and polishing metals, glass, enamel ware, etc. Pioneer Soap Company. 163,824; Jan. 30.
Preparation for cleaning artificial dentures. Holland Specialty Company. 174,647; July 24.
Preparation for cleaning clothes and fabrics. Mueller & Goetz. 180,452; Aug. 21.
Preparation for cleaning and removing stains from clothing, upholsteries, etc. Electro Silicon Co. 167,461; Feb. 6.
Preparation for cleaning and removing stains from painted surfaces, tile, rugs, etc. Pioneer Products Co. 181,308; Dec. 11.
Preparation for cleaning and removing stains from painted surfaces, tile, rugs, etc. Pioneer Products Co. 181,508; Dec. 11.
Preparation for cleaning fresco, oilcloth, enamels, varnishes, etc. A. F. Hedberg. 167,465; Feb. 13.
Preparation for cleaning stringed instruments. R. Paulus. 185,146; Dec. 11.
Preparation for cleaning velvet, silk, etc. Whittemore Brothers Corporation. 184,273; Nov. 13.
Preparation for cleansing and bleaching toilet bowls. United Chemical Companies. 180,726; Oct. 16.
Preparation for preserving, softening, and waterproofing leather. Snyderize Co. 185,318; Dec. 11.
Preparation for removing stains and dirt. L. W. Fountain. 177,479; Aug. 7.

Preparation for the same use to which soaps, cleaning fluids, washing powders, etc., are put. Solidified Naphtha Corporation. 182,273; Nov. 13.
Preparation for washing clothes and a household cleaner for washing woodwork, etc. N. L. Wills. 169,341; Jan. 2.
Preparation used as a general household cleaner. Atlantic Laboratories. 169,146; May 22.
Preparations for cleaning and polishing automobile running gears, etc. K. S. F. Co. 175,873; Aug. 21.
Pumice artificial rubbing stone, Pure. Vargo Trading Corporation. 186,170; Nov. 20.
Pumice stone. James H. Rhodes & Company. 182,856–8; Oct. 16.
Razor strops. Strevell-Paterson Hardware Co. 157,450; Feb. 27.
Razor strops. G. N. W. Wilson. 164,684; Apr. 24.
Razor strops and hones. Union Cutlery Co. 181,623; Oct. 16.
Renovating, cleaning, and metal-polishing preparations. Pom Chemical Co. Inc. 168,124; May 15.
Rug and carpet cleaning compound and hand cleaners. Vapo Products Company. 169,145; Jan. 30.
Rug-cleaning compound. Rugclenso Mfg. Co. 160,778; May 29.
Sandpapers and sand cloths. American Glue Company. 187,239; Dec. 25.
Scouring preparation, General. H. E. Hoffmaster. 164,107; Oct. 16.
Scouring utensils. Chore Utensils Corporation of America. 173,321; Apr. 24.
Scrubbing compound. U. S. Sanitary Specialties Corporation. 173,542; Sept. 25.
Shade cloths, Chemical cleaner for. Chemitex Products Company. 163,779; Jan. 23.
Shoe and leather preservative and dressing. Portage Shoe Mfg. Company. 184,294; Oct. 16.
Shoe-cleaning fluids. D. H. Weinstein. 172,138; Mar. 6.
Shoe dressing. Ex Lent Manufacturing Co. 161,722; Jan. 30.
Shoe dressings. Thomsen Company. 167,927; Sept. 25.
Shoe-shining preparation. Sanderson's Tintine Co. 177,245; June 26.
Silver polish, straw-hat and fabric cleaners. W. W. Wineberg. 145,379; May 22.
Soap. Alberto Vales Company. 168,591; Jan. 2.
Soap. A. H. Beach. 169,116; May 22.
Soap. J. R. Beaton Co. 185,405; Nov. 20.
Soap. F. G. Burke. 172,508; Mar. 27.
Soap. Buster Brown Soap Company. 169,574; Jan. 2.
Soap. Cerecedo Hnos. & Co. Sucrs. 170,122; Jan. 2.
Soap. Susanna Cocroft Laboratories Inc. 180,750; Aug. 7.
Soap. Susanna Cocroft Laboratories Inc. 180,751; July 24.
Soap. Colgate & Company. 170,710; Jan. 23.
Soap. Colgate & Company. 174,292; Mar. 20.
Soap. J. Eavenson & Sons, Incorporated. 183,263; Oct. 16.
Soap. E-Z-Way Co. 183,648; Dec. 4.
Soap. General Paint and Varnish Company. 183,277; Nov. 13.
Soap. Globe Soap Company. 186,363; Dec. 11.
Soap. Graham Bros. Soap Company. 185,016; Dec. 4.
Soap. Harris Soap Company. 166,945; May 15.
Soap. Haskins Brothers & Company. 167,873; Jan. 2.
Soap. Haskins Brothers & Company. 178,609; Aug. 21.
Soap. Haskins Bros. Company. 179,201; Sept. 4.
Soap. Richard Hudnut. 183,880; Nov. 20.
Soap. Lady Janis Perfume Co. 173,653; Mar. 20.
Soap. Latheral Soap Company. 170,531; Jan. 30.
Soap. Le Blume Import Co. 163,313; Mar. 6.
Soap. Lever Brothers Company. 164,548; Jan. 2.
Soap. Lever Brothers Company. 180,610; July 24.
Soap. Lever Brothers Company. 182,855; Oct. 16.
Soap. Eli Lilly and Company. 166,459; June 26.
Soap. A. Malsin. 164,060; Sept. 11.
Soap. J. A. McDermott. 183,309; Oct. 16.
Soap. Northern Jobbing Company. 166,900; Feb. 27.
Soap. Palisade Manufacturing Company. 176,357; July 10.
Soap. Pioneer Products Co. 185,034; Nov. 13.
Soap. Remiller Co. 172,353; Feb. 20.
Soap. Remiller Co. 173,673; Mar. 20.
Soap. Remmers Soap Company. 171,551; Feb. 20.
Soap. Remmers Soap Company. 171,589; Mar. 6.
Soap. N. Rieser Company. 172,654–6; Mar. 20.
Soap. Theo. B. Robertson Products Company. 179,429; Oct. 16.
Soap. Georg Schicht A. G. 171,139; July 31.
Soap. Georg Schicht A. G. 171,147; July 31.
Soap. Soap Manufacturing Company. 156,026; Mar. 13.
Soap. Taunton Electro-Chemical Company. 175,277; July 3.
Soap. U. S. Sanitary Specialties Corporation. 173,543; Oct. 30.
Soap. U. S. Sanitary Specialties Corporation. 173,545; Sept. 25.
Soap. Alberto Vales Company. 174,378; May 1.
Soap. Van Camp Packing Company Inc. 151,858; Jan. 30.
Soap. Van Camp Packing Company. 175,115; Aug. 7.
Soap. Warren Soap Manufacturing Company. 166,966; Dec. 11.
Soap. A. F. Wasserman. 179,574; July 24.
Soap. J. B. Williams Company. 162,790; Sept. 25.
Soap. J. B. Williams Company. 185,547; Nov. 20.
Soap. J. B. Williams Company. 185,806; Nov. 20.
Soap. J. C. Wolford. 183,461; Nov. 13.
Soap. Young & Wile, Ltd. 172,252; Mar. 6.
Soap and pads of steel wool, Polishing. James H. Rhodes & Company. 182,859; Oct. 30.
Soap and scouring compounds. Bonded Products Corporation. 180,206; July 24.
Soap and shaving powder, Toilet. Erste Karlsruher Parfümerie- & Toiletteseifen-Fabrik, F. Wolff & Sohn, Gesellschaft mit beschränkter Haftung. 173,709–10; Apr. 24.
Soap and soap flakes. Prouty-Bowler Soap Co. 178,771; July 24.
Soap and soap mixtures. Magnus Chemical Company. 180,543; Aug. 21.
Soap and soap powder. Lever Brothers Company. 171,130; Apr. 24.
Soap and soap products. Bonded Products Corporation. 177,352–3; June 5.
Soap and soap products. Bonded Products Corporation. 177,354; Aug. 7.
Soap, Automobile. H. R. Nicholson. 173,292; Mar. 13.
Soap, Automobile. Shiffer Products Company. 185,846; Dec. 11.
Soap, Bath. Fred A. Wish, Incorporated. 180,639; July 24.
Soap, Castile. A. E. Tzifakis. 187,701; Dec. 25.
Soap cleansing cream. Flash Chemical Company. 182,409; Sept. 25.
Soap, Common. N. K. Fairbank Company. 177,905; June 5.
Soap compound. C. E. Ewing. 180,424; Aug. 21.
Soap compounds. Hoosier Manufacturing Co. 179,371; June 12.
Soap compounds. E. A. Sprague. 174,641; Apr. 24.
Soap, Cream. A. P. Sachs. 167,897; Mar. 6.
Soap cream for shaving. Andron Hygienic Company. 186,264–5; Dec. 11.
Soap cream, Shaving-. Wm. McDonagh & Sons. 179,673; Nov. 20.
Soap creams. Grand Union Tea Co. 184,497; Dec. 11.
Soap flakes. W. & H. Walker, Inc. 179,568; Aug. 7.
Soap for shaving. Colgate & Company. 176,250; Aug. 21.
Soap, Hand. P. Ciepilla. 175,850; June 5.
Soap, Hand. Flash Chemical Company. 176,335; June 26.
Soap, Hand. Moore & Co. 176,907; Nov. 13.
Soap, Hand. W. J. Popp. 168,430; Feb. 13.
Soap, Hard-water. Furst-McNess Company. 183,266; Oct. 16.
Soap, Jelly. A. R. Holder. 182,971; Oct. 16.
Soap, Laundry. William Cluff Company. 175,769; June 26.
Soap, Laundry. Concentrated Products Corporation. 180,527; July 31.
Soap, Laundry. Concentrated Products Corporation. 187,150; Dec. 25.
Soap, Laundry. Haskins Brothers & Company. 175,194; Aug. 21.
Soap, Laundry. Luckel, King & Cake Soap Company. 166,457; July 3.
Soap, Laundry. Szabady Soap Mfg. Co. 185,503; Nov. 20.
Soap, Liquid. Huntington Laboratories, Inc. 184,732–3; Oct. 16.
Soap, Liquid. O. Justus. 174,455; Apr. 24.
Soap, Liquid. United Sanitary Products Company. 174,497; Dec. 18.
Soap, Medicated. L. D. Caulk Company. 185,412; Nov. 20.
Soap, Medicated. Menley & James, Limited. 185,607; Nov. 20.
Soap, Medicated. Societe Anonyme des Laboratoires Innoxa. 181,354; Nov. 13.
Soap, Mineral. Crysto Soap Co. 166,652; Feb. 13.
Soap paste. F. Hinton. 181,396; Oct. 16.
Soap, Perfumed. J. Grossmith & Son, Limited. 170,978; Mar. 20.
Soap, polishes, and abrader preparations. Titanium Pigment Company. 173,110; May 15.
Soap, polishes, etc. Larkin Co. 179,155; Dec. 18.
Soap powder. Luckel, King & Cake Soap Co. 186,145; Nov. 20.
Soap, Reducing. F. N. Lewis. 174,459; June 26.
Soap, Scouring. Bon Ami Company. 170,557; Aug. 7.
Soap, Shampoo. Geo. A. Schmidt & Co. 168,943; Feb. 20.
Soap, Shaving. O. H. v. Mayenburg. 156,997; May 1.
Soap, shaving powder, etc., Shaving. Sanitol Chemical Laboratory Company. 180,242; Nov. 6.
Soap stock. American Cotton Oil Company. 177,466; Nov. 13.
Soap, Toilet. Cudahy Packing Company. 168,146; Feb. 27.
Soap, Toilet. Empire Soap Company. 176,889–90; Aug. 28.
Soap, Toilet. Flash Chemical Company. 176,334; June 12.
Soap, Toilet. J. Grossmith & Son, Limited. 170,977; May 15.

Soap, Toilet. Andrew Jergens Company of California. 156,904; Jan. 30.
Soap, Toilet. Swine Breeders Pure Serum Company. 174,869; May 1.
Soap, Toilet. Yardley & Co. 174,377; May 1.
Soap, soap cream and paste. Tarratine Manufacturing Co. 172,189; Feb. 20.
Soap, soap paste, and soap powder. E. B. Segerstrom. 171,390; Mar. 27.
Soap, Washing and scouring. John Sexton and Company. 187,899; Dec. 25.
Soaps. F. G. Burke. 171,684–5; Mar. 6.
Soaps. L. Chatham, Sr., Products Company. 159,847; Jan. 30.
Soaps. Colgate & Company. 171,451; June 12.
Soaps. Harral Soap Co. 170,290; Jan. 2.
Soaps. Hygienic Manufacturing Company. 181,400; Oct. 16.
Soaps. Kendall Mfg. Co. 170,487; Apr. 24.
Soaps. Lawrence Soap Co. 169,366; Apr. 24.
Soaps. Lightfoot Schultz Company. 179,107; Aug. 21.
Soaps. Lightfoot Schultz Company. 179,108; July 24.
Soaps. Pennsylvania Soap Company of Lancaster, Pa. 170,728; Apr. 24.
Soaps. Pennsylvania Soap Company, Lancaster, Pa. 176,277; June 12.
Soaps. E. Schueller. 144,157; Jan. 30.
Soaps. J. B. Smith. 178,142; June 5.
Soaps. I. Suliman. 174,944; May 8.
Soaps. Supersoap Products Co. 149,601; Apr. 24.
Soaps. John Wanamaker, Philadelphia. 187,234; Dec. 25.
Soaps. John Wanamaker, Philadelphia. 187,892; Dec. 25.
Soaps. Waverly Oil Works Company. 185,804; Nov. 20.
Soaps. Wolf Creek Soap Works Company. 157,744; Apr. 24.
Soaps and creams, Shaving. Clio & Cie., Inc. 181,247; Nov. 20.
Soaps and industrial cleaning compounds. Greasalt Products Corporation. 176,826; Oct. 2.
Soaps and shaving creams. Palmers, Limited. 184,291; Nov. 13.
Soaps, body wash, floor cleanser, glass polish, metal polish, etc. Kermul Products, Inc. 173,968; Apr. 24.
Soaps, cleaning and scouring powder. Commonwealth Color and Chemical Co. 179,358; July 24.
Soaps, Hand. F. Stephens. 151,104; Dec. 11.
Soaps, Laundry and toilet. Sopura Soap Products, Inc. 170,343; Jan. 30.
Soaps, Liquid shaving. Stomatol Company of America. 169,878; Jan. 30.
Soaps, liquids, powders, pastes, for cleaning, and a metal-polishing preparation. Tetralin-Gesellschaft mit beschränker Haftung. 142,046; July 24.
Soaps, soap pastes and powders. E. Daltroff & Cie. 186,110; Dec. 11.
Soaps, soap pastes and powders. Parfumerie Roger & Gallet. 173,142; May 8.
Soaps, soap pastes and powders. Parfumerie Roger et Gallet. 174,589; June 26.
Soaps, soap pastes, and soap powders. Parfumerie Roger & Gallet. 171,867; June 12.
Soaps, Toilet. Lamborn & Company. 174,397; Mar. 20.
Soaps, Toilet. Myrurgia, S. A. 159,368–9; Mar. 27.
Soaps, Toilet. L. T. Piver, Inc. 184,421; Nov. 13.
Soaps, Toilet. J. Simon & Cie. 150,772; Oct. 2.
Soaps, wool-scouring powder, etc. Mineral Soap Manufacturing Company. 155,764; Mar. 6.
Steel wool for cleaning and polishing purposes. Brillo Manufacturing Company. 173,070; Mar. 6.
Sweeping compound. Mutual Oil Company. 184,141; Nov. 20.
Tallow. New Zealand Refrigerating Company, Limited. 161,372; Jan. 23.
Tallow. New Zealand Refrigerating Company. 168,588; Jan. 30.
Tallow largely used in soap making. New Zealand Refrigerating Company. 168,586–7; Jan. 9.
Toilet soaps. Coty, Inc. 180,106; Dec. 18.
Type, halftone cuts, wood type, electrotypes, and patent blocks, Washes for cleaning. American Steel Chase Co. 167,969; Feb. 20.
Utensils, Scouring. Chore Utensils Corporation of America. 168,670; Jan. 30.
Valve-grinding compound. S. C. Johnson & Son. 182,099; Dec. 18.
Vehicle tops and leather and rubber goods, Dressing for motor-. Alger & Mowry Manufacturing Company. 171,606; Mar. 20,
Washing cleanser. Neutral Soap Co. 176,642; Sept. 11.
Washing compound. Justa Mfg. Co. 181,125; July 24.
Washing compound. Mello Company. 173,607; May 15.
Washing compound. Snowdust Company. 168,075; Feb. 13.
Washing compounds. C. A. Winter. 172,500; Feb. 20.
Washing compounds and liquids. E. N. Blackmore. 172,825; Apr. 24.
Washing fluid. F. Cicetti. 174,725; Apr. 24.
Washing fluid. Fluid Chemical Company. 166,794; Mar. 6.
Washing or cleaning powder. Warren Soap Manufacturing Company. 166,967; Sept. 11.
Washing powder. H. Kohnstamm & Co. 180,375; July 24.
Washing powder. Nubright Company. 170,893; Feb. 13.
Washing powder. Opax Products Company. 162,847; Jan. 2.
Washing powder. E. B. Rose Co. 173,212; Oct. 16.
Washing powder. "3 W" Powder Company. 170,307; June 26.
Washing powder for laundry purposes. H. Kohnstamm & Co. 154,369; Jan. 2.
Washing powder, soap, and soap stock. Poland Soap Works. 161,792; Sept. 4.
Washing tablets and compounds, windshield cloths, etc. F. F. Horst. 163,167; Jan. 30.
Waterproof dressing for automobile tops. J. Metke. 159,521; July 3.
Waterproofing, softening, and preserving preparation for leather. D. B. Hostetter. 185,257; Nov. 20.
Wheels and disks, Grinding. J. C. Schmidt. 180,391; Aug. 21.
Wood cleaners, Liquid. C. M. Andersen. 166,546; Jan. 23.

CLASS 5.

Adhesive cements. McCaw, Stevenson & Orr, Ltd. 141,922; Nov. 13.
Adhesive compound. California Central Creameries. 180,840; Sept. 11.
Adhesive for bandaging. C. W. Cook. 178,827; Sept. 11.
Adhesive in the form of paste. Commercial Paste Co. 176,788; Apr. 10.
Adhesive tape. Baker, Hamilton and Pacific Company. 170,356; Aug. 7.
Adhesives. W. R. Long. 181,289; Sept. 4.
Adhesives. M'Caw, Stevenson & Orr, Ltd. 164,181; Sept. 4.
Casting of metals, Pressed cereal binder and a paste for forming core compounds used in the. D. T. McGrory. 172,952; Apr. 10.
Cellulose, nonshrinking, noncracking capping fluid. Armin Degener, Inc. 175,072; Mar. 27.
Cement. T. Taylor Buckley, Inc. 181,240; Sept. 4.
Cements for sealing tin cans, glass or metal containers, and bottle caps, etc. Dewey and Almy Chemical Company. 172,033; Mar. 20.
Compositions for use as adhesives. Capital Rodewite Company. 180,653; Sept. 4.
Dental plates in position, Paste for holding. R. O. L. Smith. 167,693; Jan. 9.
Dry pastes. Penn Paste Milling Company. 176,690–1; Apr. 10.
Gelatin and ossein. Societe Chimique de l'Escaut. 163,005; Mar. 13.
Glue. E. F. Russ Company. 181,700; July 31.
Glue and gelatin glue. British Glues and Chemicals, Limited. 173,588; Sept. 18.
Glue and gelatins. Röhm & Haas Aktiengesellschaft. 164,196; July 17.
Glue, mucilage, and paste. Tetralin-Gesellschaft mit beschränkter Haftung. 142,041; June 19.
Glue products. I. I. Slomon. 171,555; July 17.
Glue, Sheet. Henry Wilhelm Company. 178,319–20; May 29.
Glue substitute. Flexum Products Company. 177,600; Aug. 14.
Glues or pastes. Dextro Products Inc. 186,220; Nov. 20.
Glues, Powdered vegetable. Arabol Manufacturing Co. 179,641–2; July 10.
Gums and sizings, Adhesive. Commonwealth Color & Chemical Co. 179,361; Oct. 2.
Oil, Core. Smith Oil & Refining Company. 180,626; Aug. 7.
Oils, Core. American Hominy Company. 178,655; May 29.
Paper size, Wall-. Colonial Works. 179,586; Oct. 16.
Paste, Dry. Pyramid Process Co. 177,200; May 15.
Paste, Patching. Campbell Manufacturing Co. 181,631; July 31.
Pastes, Dry. Penn Paste Milling Company. 160,255; Apr. 10.
Pastes, glues, and adhesives. Glucol Mfg. Co. 172,271; Mar. 13.
Rubber tissue for reenforcing, stiffening, and waterproofing of garments, etc. Edward P. Stahel & Co. 174,676; Apr. 10.
Shellac, glue, and paste, Gasket. B. Levitt. 173,290; May 1.
Sizes, Wall. Penn Paste Milling Company. 176,689; Apr. 10.
Tape and splicing compound, Friction. E. R. Bryant. 184,380; Oct. 16.
Tire-repair compounds, adhesives, etc. H. G. House. 186,232; Nov. 20.
Tire-repair compounds, adhesives, etc. Cahill & Malone. 179,708; July 10.
Tires and for preserving rubber, Composition for stopping leaks in. E. A. Garten. 136,626; May 29.
Tires, Compound for preventing puncture in pneumatic. C. V. Crumley. 176,606; Apr. 10.
Tires, Puncture-filling compound for automobile and other. G. Ruiz. 170,406; Jan. 9.
Varnishes, adhesive gums, and sealing wax, Bottle. Deutsche Capselin- & Zinnolitwerke Gesellschaft mit beschränkter Haftung. 166,661; Nov. 6.
Wax, Sealing. Keferstein, Starr & Co. 180,800; Sept. 4.

CLASS 6.

Acetanilid, acetone, alum, potash, etc. C. Morgan. 175,206; Sept. 18.
Acetyl-amino-oxy-phenyl arsenic acid. Etablisements Poulenc Frères. 173,745; Sept. 11.
Acetylsalicylic acid. Smith, Kline & French Co. 175,168; May 29.
Acid, N-butyl-ethyl-barbituric. Abbott Laboratories. 181,233; Aug. 21.
Acid. Stearic. Will & Baumer Candle Co. 179,695; Aug. 7.
Acid. sulphate quinine, domestic ammonia, sirup of squills, etc., Salicylic. Sanford, Chamberlain & Albers Company. 175,408; June 26.
Acids, denatured alcohol, etc., Carbolic, oxalic, etc. J. S. Merrell Drug Company. 179,544–5; Aug. 21.
Adhesive tapes. Deane Plaster Co. 170,971; Nov. 20.
Agents against exhaustion. Farbenfabriken vorm. Friedr. Bayer & Co. 186,005; Dec. 18.
Agents against parasitic and nonparasitic skin diseases. Farbenfabriken vorm. Friedr. Bayer & Co. 186,004; Dec. 18.
Alcohol for external use, Bathing. Smith, Kline & French Co. 168,735; Jan. 2.
Alcohol for external use, Rubbing. Excel Company. 171,633; Mar. 27.
Alcohol fuel cubes. Reed & Barton Corporation. 145,713; May 22.
Alcohol, Denatured. C. E. Adamson. 179,124; Sept. 18.
Alcohol, Denatured ethyl. Blu-Blaze Corporation. 182,497; Oct. 30.
Alcohol, Rubbing and massaging. Forst Laboratories. 171,073; May 8.
Alcohol, skin cleanser, hair tonic, etc., Rubbing and massage. Mihalovitch Co. 178,267; July 17.
Alcoholado. E. B. Fernández. 174,830; Nov. 6.
Alcohols, acetic acid, etc. Sun Drug Company. 139,634; Mar. 27.
Aldehydes and amines, Compound produced by the interaction of. Rubber Service Laboratories Co. 177,624; Aug. 14.
Aldehyde, methyl alcohol, and ethyl alcohol, Agglomerates of solid. Elektrizitatswerk Lonza. 166,778; Jan. 2.
Aldehyde, solid methyl alcohol, and solid ethyl alcohol, Agglomerates of solid. Elektrizitatswerk Lonza. 183,699; Nov. 13.
Alteratives. Parke, Davis & Company. 184,180; Nov. 27.
Alum, boric acid, camphorated oil, etc. U. S. Pure Drug Laboratories. 183,130; Nov. 13.
Alum, boric acid, powdered borax, etc., Powdered. Hy-Pure Laboratories. 183.115; Nov. 13.
Ammonia. C. M. Kimball Company. 171,805; Feb. 20.
Ammonia. C. M. Kimball Company. 172,000; Feb. 20.
Ammonia. Snow Cloud Ammonia Company. 175,683; June 26.
Ammoniacal silver nitrate solution, formalin, silver-nitrate stain remover, etc. P. N. Condit. 167,225; Jan. 9.
Anæsthetic. Farbenfabriken vorm. Friedr. Bayer & Co. 186,003; Dec. 18.
Anæsthetic cream. Parke, Davis & Company. 174,632; May 1.
Anæsthetic, Local. Seydel Chemical Company. 164,087; Jan. 23.
Ant mats and containers. Plenge's Pharmacy Inc. 166,605; May 29.
Antacid neutralizing powder. Moore & Co. 176,906; Aug. 7.
Antifreezing liquid. R. Heepe. 176,181; Sept. 4.
Antimony, cadmium sulphides, arsenic sulphides, chromo oxides. Typke & King, Ltd. 165,168; Apr. 24.
Antineuralgics. Farbenfabriken vorm. Friedr. Bayer & Co. 173,923; Apr. 10.
Antiperspiration compounds. N. Barna. 164,857. Jan. 30.
Antirheumatic. Merck & Co. 177,096; June 12.
Antiseptic. G. C. Biegler. 165,058; Apr. 17.
Antiseptic and deodorizer. Dairy Laboratories. 177,898; Aug. 14.
Antiseptic and disinfectant compounds. Oakland Chemical Company. 181,608; Nov. 6.
Antiseptic and germicide. E. E. Limbaugh. 175,563; Aug. 14.
Antiseptic and germicidal preparation. L. D. Caulk Company. 185,565; Dec. 11.
Antiseptic and healing preparation. H. D. Clark. 183,962; Nov. 27.
Antiseptic and prophylactic tablets. Societe Anonyme la Biotherapie, (Societe Anonyme de Produits Chimiques Biologiques et d'Hygiene). 171,290; Mar. 27.
Antiseptic, Bilary. W. A. Graham. 175,862; June 26.
Antiseptic capsules and liniment. A. R. Hiatt. 167,982; Mar. 6.
Antiseptic compositions for vaginal douching. Dr. Pollack Health Products Corp. 168,064; Jan. 9.
Antiseptic compound. Chinosol Company. 160,994; Jan. 23.
Antiseptic for the prevention of venereal diseases. F. M. Naumann. 156,105; Apr. 3.
Antiseptic, General. Chlorophen Chemical Co. 187,562; Dec. 25.
Antiseptic germicide and deodorant. P. J. Donohoe. 185,110; Dec. 18.
Antiseptic, Liquid. S. M. Heldfond. 181,278; Oct. 23.
Antiseptic lotion for treatment of the scalp and skin. E. B. Finlayson. 172,830; Apr. 3.
Antiseptic mouth washes. Miller & Meissner. 167,578; Mar. 6.
Antiseptic powder. H. W. Baer. 165,224; Jan. 2.
Antiseptic powder. D. A. Binkert. 178,546; May 22.
Antiseptic solution. M. Vavra. 182,629; Dec. 4.
Antiseptic solution, mouth wash, tooth paste, etc. W. Lloyd Wood, Limited. 172,308; May 15.
Antiseptic, Urinary. Clausen-Zoller Company. 183,819; Dec. 18.
Antiseptics and germicides. Parke, Davis & Company. 184,182; Nov. 27.
Antiseptics and stimulants, Throat and voice. Ferris and Company. 182,743; Dec. 18.
Antitoxic foods, paraffin tablets and oil, etc. Battle Creek Food Company. 175,060; Aug. 14.
Arsphenamine and neoarsphenamine. Abbott Laboratories. 177,889; Aug. 28.
Aspirin. William A. Webster Company. 152,294; July 17.
Aspirin tablets. J. T. Noell. 184,473; Nov. 27.
Asthma treatment. G. E. Remick. 180,081; Dec. 18.
Astringents and mild antiseptics. H. A. Metz Laboratories, Inc. 173,434; Apr. 3.
Automobile radiators and cooling systems, Preparation to clean, etc. A. P. Heinze. 138,168; Apr. 24.
Automobile radiators, Antifreeze preparation for use in. Lee-Strauss Co. 181,344; Aug. 21.
Bacterial sugar used in the treatment of various pulmonary diseases. California Physicians Laboratories. 177,725; Oct. 9.
Bactericide and disinfectant. Arkansas Chemical Association. 167,794; Jan. 2.
Baking powder. Bement-Rea Co. 169,393; Feb. 20.
Baking powder. Requa Bros. 170,833; Mar. 27.
Baking powder. F. C. Vanderboget. 185,269; Dec. 18.
Baking powder. C. T. Whittier. 175,692; Aug. 21.
Baking powder and cream of tartar. Regal Supply Corporation. 163,111; Aug. 21.
Baking powder and cream of tartar. Reid, Murdoch & Co. 184,422; Nov. 27.
Baking powder and soda. Reid, Murdoch & Co. 176,283; June 19.
Baking powder, bicarbonate of soda, carbonic powder, etc. Northwestern Bakers & Confectioners Co. 181,855; Dec. 4.
Baking powder bicarbonate of soda, gloss starch. Dudley & Co. 179,859; Aug. 28.
Baking powder, bluing, lye, and laundry starch. Joannes Bros. Co. 172,878; June 26.
Baking powder, cream of tartar, bluing, and ammonia. Oakford & Fahnestock. 169,920; Dec. 4.
Baking powder, table salt, lye, glycerin, etc. John Sexton and Company. 153,696; Mar. 6.
Balm and tablets for disorders of the liver and bowels, Pile. A. W. Bishop. 176,710; July 10.
Balm, Goiter. Herman Krebs Pharmacy Co. 159,966; Jan. 23.
Barium sulphate. Etablissements Poulenc frères. 173,758; June 26.
Barium-sulphate cream for radiologic examination. Powers-Weightman-Rosengarten Co. 165,200; Jan. 2.
Bath balm, hair pomade, sachets, beautifier, etc. M. B. Willats. 172,628; Mar. 6.
Bath or flux. V. C. Bartlett. 171,195; Dec. 4.
Bath, Perfumed addition for the. C. S. Welch Company. 170,599; Mar. 13.
Bath salt. Sea-dip Company. 171,659; Feb. 20.
Bath salt tablets, toilet water, hair lotion, etc. Yardley & Co. 174,376; June 26.
Bath salts. E. S. Johnson. 186,236; Dec. 11.
Baths, Carnotite. A. O. McMichael. 173,870; May 8.
Bating material used in tanning leather. Moser & Co. 173,101; Apr. 3.
Battery compound. Hanson & Moe. 168,468; Mar. 20.
Battery solution. Camel Chemical Co. 178,821–2; July 24.
Battery solutions. Blue Ribbon Battery Company, 179,651; Sept. 18.
Batteries, Electrolyte compound for storage. C. E. Luburg. 171,933; Apr. 10.
Batteries, Electrolyte for storage. L. E. Brownell. 164,302; Nov. 20.
Batteries, Fluid for use in electric storage. Spitan Battery Fluid Corporation. 169,608; Feb. 13.
Bay rum. Toilet Products "A" Company. 169,230; Jan. 30.
Bay rum. Vail Brothers. 168,341; June 5.
Bay rum, borax powder, carbolic acid, etc. Continental Drug & Chemical Co. 150,995; Feb. 27.
Bay rum, witch-hazel, alcohol, body rub, etc. Minneapolis Brewing Company. 169,315; Feb. 20.
Bay rum, witch-hazel, alcohol body rub, etc. Minneapolis Brewing Company. 179,159; Aug. 28.
Beauty clay. W. B. Cleves. 179,655; Sept. 11.
Beauty clay. Lincoln Laboratories, Inc. 179,308; Sept. 18.
Beauty clay. Terra Vitae Company. 178,416; Sept. 11.
Beauty clays. W. H. Lowe. 180,135; Nov. 13.

Beauty paste and hair tonic. A. H. Thompson. 173,219; Aug. 14.
Benzoate of soda, coumarin, benzoic acid, etc. Commonwealth Chemical Corporation. 181,435; Sept. 18.
Beverage and sirup for making same. H. A. Whitney. 168,285; Sept. 18.
Bichromate of soda and bichromate of potash. Natural Products Refining Co. 175,195; Aug. 7.
Biotherapeutic and opotherapeutic products. A. B. Adams. 176,004–7; June 5.
Biotherapeutic and opotherapeutic products. A. B. Adams. 176,008; July 17.
Biotherapeutic and opotherapeutic products. A. B. Adams. 176,009–10; June 5.
Bismuth in camphorated solution, Oxyiodide of. F. Lehnhoff-Wyld. 175,901; May 29.
Bismuth in camphorated solution, Oxychloride of. F. Lehnhoff-Wyld. 175,902; May 29.
Bleach and beauty pack, Facial. F. St. Ana. 187,488; Dec. 25.
Bleaches for hats, shoes and fabrics, tooth and skin bleaches, etc. J. H. Karp. 167,178; Feb. 6.
Bleaching blue, auxiliary dyeing agents, etc. Commonwealth Color & Chemical Co. 179,362; Sept. 18.
Bleaching material. Surpass Chemical Co. 170,908; Feb. 13.
Blood-cleaning liquid. J. Orosz. 179,011; Aug. 14.
Blood maker and general tonic. Modern Pharmacal Co. 172,283; Apr. 10.
Blood purifier. T. H. Harris. 167,242; Jan. 2.
Blood purifiers, stomach tonic, cough sirup, etc. O. Seifert. 169,376; June 26.
Blue, Laundry. Gartside's Iron Rust Soap Co. 180,534; Oct. 23.
Blue, Laundry. Reckitts (U. S. A.), Ltd. 162,137; Sept. 25.
Blue, Ultramarine. Standard Ultramarine Co. 170,905; Apr. 10.
Blue, Ultramarine. Standard Ultramarine Co. 170,906–7; Mar. 20.
Bluing compound and liquid bluing. K. H. Wall. 172,697; Apr. 10.
Bluing, laundry starch, baking powder, and lye. Joannes Bros. Co. 172,879; Mar. 13.
Bluing paddles. F. G. Mitchell. 173,334; Apr. 24.
Boiler compound. Bennett Rubber Co. 183,729; Dec. 18.
Boiler compounds. Riodela Chemical Co. 170,216; Feb. 13.
Boilers, etc., Compound for dissolving and removing scale and rust from. Boiler Scale Dissolving Corp. 172,318; Mar. 27.
Brazing and welding of metals, Chemical used in the. Hardwick-Hutchins Manufacturing Company. 164,163; Mar. 13.
Brilliantine. Marinello Company. 184,979; Dec. 4.
Butter coloring. Dyestuffs & Chemicals. 176,790; July 17.
Butyl aminobenzoate. Abbott Laboratories. 179,913; Aug. 7.
Calcium carbide. Aluminium - Industrie - Aktien - Gesellschaft. 175,290; May 22.
Calcium carbide, nitric acid, and nitrates. Aluminium-Industrie Aktien-Gesellschaft. 173,022; Mar. 27.
Camphor used in celluloid, Chemical substitute for. H. A. Metz & Co. 171,940; Mar. 20.
Capsules for colds, la grippe, etc., Medicated. R. R. Ferber. 173,821; May 15.
Capsules for the relief of bladder complaints, spasmodic asthma, heart pains, etc. P. F. Deford. 167,914; Apr. 10.
Capsules, Headache. Headex Remedy Co. 180,599; Aug. 7.
Carbohydrates and chemicals. Su-Dex Wood Curing Company. 164,608; Aug. 14.
Carbohydrates in the animal body and remove the symptoms of diabetes mellitus, Substance which will effect the combustion of. Connaught Antitoxin Laboratories, University of Toronto. 168,919; June 26.
Carbon remover. C. T. H. Clifford. 163,533; Apr. 10.
Carbon remover. N-D-N Products Co. 169,255; Jan. 9.
Carbon remover for internal-combustion engines, Chemical. Eastern Auto Products Co. 167,076; June 5.
Carbon remover, Liquid. National Compound Co. 179,312; Nov. 20.
Carbonizing compound. Pacific By-Products Co. 163,000; Oct. 23.
Carbons, Filtering, clarifying, and deodorizing. Suchar Process Corporation. 183,008; Nov. 20.
Catarrh jelly. Crown Tartarex Co. 170,929; Mar. 20.
Cathartic. H. C. Watkins. 167,700; Jan. 30.
Cathartic and laxative preparation. Bristol-Myers Company. 169,153; Jan. 9.
Cathartic and laxative preparation. Bristol-Myers Company. 171,441; Feb. 20.
Cement. Radiator. Try-Me Radiator Cement Company. 173,866; May 8.
Cement to be used in stopping leaks in cooling systems of automobiles, etc. Fritz Radiator Cement Co. 177,663; July 10.
Cheese and butter colors. Levring and Company. 178,449; July 10.
Chemical and pharmaceutical preparation. Society of Chemical Industry in Basle. 168,298; Dec. 18.
Chemical and pharmaceutical preparations. Society of Chemical Industry in Basle. 186,395; Dec. 18.
Chemical carbon destroyer. C. J. Schopp. 172,953; Apr. 17.
Chemical composition. R. B. Frye. 182,340; Oct. 16.
Chemical composition for removing carbon from internal combustion engines. Buffalo Specialty Company. 161,522; July 3.
Chemical composition for tree wounds. Davey Tree Expert Company. 183,055; Aug. 28.
Chemical compound. Etablissements Poulence Frères. 173,757; Sept. 18.
Chemical compound. Etablissements Poulenc Frères (Société Anonyme). 173,756; Oct. 30.
Chemical compound. Pinkham Vulcan Compound Co. 165,811; Jan. 9.
Chemical compound. Rubber Process Corporation. 180,944; Oct. 9.
Chemical compound used as an accelerator in the manufacture of rubber products. R. T. Vanderbilt Company. 175,631; June 26.
Chemical compounds, etc., for use in producing varying colors in burning fuel. L. M. Watson. 157,396-7; Apr. 17.
Chemical compounds used as insect exterminators. Rockaway Exterminating Company. 167,584; Jan. 9.
Chemical compounds used in casting metal in molds. W. A. Rosenberger. 169,871; Feb. 13.
Chemical fungicide. Stauffer Chemical Company. 175,820; May 29.
Chemical liquid for protection and prevention of evaporation of volatile liquids, Prepared. Standard Oil Company (Incorporated in New Jersey.) 172,910; Mar. 13.
Chemical, medical, and pharmaceutical preparations for removing hair from the human body. R. Rose. 173,299; May 1.
Chemical preparation. Berthorn Chemical Co. 176,320; June 19, 1923.
Chemical preparation. Boyce & Veeder Company. 182,127; Oct. 30.
Chemical preparation. A. P. Kottler. 178,928; July 24.
Chemical preparation for bleaching material. Surpass Chemical Co. 175,170; June 26.
Chemical preparation for coloring hair. E-Nam-O Mfgrs. 180,795; Aug. 14.
Chemical preparation for facilitating the scalding etc., of hogs. B. Heller & Company. 171,756; May 29.
Chemical preparation for preserving fresh sausage. B. Heller & Company. 171,125; Aug. 28.
Chemical preparation for preserving smoked sausage. B. Heller & Company. 171,127; Aug. 28.
Chemical preparation for use in keeping sausage, kidneys, etc., in a good condition. B. Heller & Company. 172,989; Mar. 6.
Chemical preparation suitable for the treatment of hair. G. H. Weyer. 173,311; Apr. 3.
Chemical preparation used as a hypnotic, sedative, or antiepileptic. Etablissements Poulenc Frères. 173,755; Oct. 30.
Chemical preparation used on dyed furs. A. Kosofsky. 172,479; Mar. 6.
Chemical preparations. Deutsche Gold and Silber Scheideanstalt, vormals Roessler. 167,842; July 17.
Chemical preparations for cleaning closet bowls. J. S. Huff. 178,846; Aug. 14.
Chemical preparations for the extermination of insects and rodents. Verm-O-Spray Products Co. 167,589; Jan. 2.
Chemical preparations for the treatment of face, scalp, and hair troubles. Wellson Specialty Company. 174,224; May 29.
Chemical preparations used for deodorizing and disinfecting. W. J. Howell. 185,252; Nov. 27.
Chemical preparations used in the curing of meat. B. Heller & Company. 172,992; May 15.
Chemical products. Farbwerke vorm. Meister Lucius & Bruning. 165,584; July 10.
Chemical product used to convey vaccines. Etablissements Poulenc Frères. 173,758; Oct. 9.
Chemical products used in dyeing. Chemische Fabrik Grünau Landshoff & Meyer Aktiengesellschaft. 180,327; Aug. 14.
Chemical substances used in the manufactures, anticorrosives, and drug for vulcanizing rubber. T. H. Roberts. 183,760; Nov. 13.
Chemical used as a flux. Consolvo Manufacturing Company. 172,664; Apr. 24.
Chemicals. Semet Solvay Company. 173,251; Apr. 10.
Chemicals and acids, Heavy. Wiarda & Hall Acid Works Inc. 169,106; Mar. 20.
Chemicals, colors, and fillers. Tidewater Chemical Company. 179,242; Dec. 18.
Chemicals for general laboratory work, etc. E. de Haen A.-G. 171,832; Aug. 7.
Chemicals for the removal of sulphur, etc., from molten iron and other metals. Chemical Treatment Company. 176,602; Dec. 18.
Chemicals, medicines, and pharmaceutical preparations. Wm. H. Gross Chemical Company. 169,295; Apr. 10.
Chemicals, medicines, and pharmaceutical preparations. Lournay, Inc. 177,234; Dec. 11.
Chemicals, medicines, and pharmaceutical preparations. E. R. Squibb & Sons. 168,435; Feb. 27.

Chemicals, medicines, and pharmaceutical preparations. Chief Two Moon Herb Company. 170,868; Feb. 13.
Chemicals, medicines, and pharmaceutical preparations. Western Druggist Association. 160,783; Feb. 13.
Clay and paste for the complexion. S. Markman. 162,941; Apr. 24.
Clay, cleansing and tissue crèmes, Facial. J. C. Pickett. 183,083; Nov. 13.
Clay, Complexion. Glacier Deposit Laboratories, Inc. 182,050; Nov. 13.
Clay, Complexion. Wonderlite Products Company. 184,484; Dec. 4.
Clay face pack, hair dressing and tonic, almond lotion, etc., Creo. Van Vleet-Mansfield Drug Co. 179,609; Dec. 4.
Clay, face powder, creams, etc., Beauty. Scott's Preparations, Inc. 186,161; Dec. 11.
Clay, Face-treating.. G. A. Robinson. 172,440; Feb. 27.
Clay for facial treatment. Aladdin Mystic Beauty Company. 172,572; Apr. 10.
Clay prepared for use in cleansing the skin and pores, Natural. Overland Pharmacy Co. 168,121; May 15.
Cleaner for softening hard water in general household cleaning, etc., and a chemical compound. Dearborn Chemical Company. 164,872; Jan. 2.
Cleaning and disinfectant preparation. M. Glauber & Company. 183,829; Nov. 20.
Cleanser, disinfectant and deodorizer. United Chemical Companies. 174,546; June 5.
Coal-tar chemicals or ingredients, rubber accelerators or catalyzers, etc. National Aniline & Chemical Company. 167,823; Jan. 30.
Coal-tar crudes, intermediates, dyestuffs, dyes, etc. National Aniline & Chemical Company. 174,971; June 12.
Coal-tar disinfectant. Bertolaia & Goedert. 169,472; Jan. 9.
Cod-liver oil. J. Didrichsen. 175,715; July 24.
Cold cream. L. E. Helfand. 171,915; May 22.
Cologne and toilet waters, perfumes, etc. N. V. International Perfumery Company. 173,294; Mar. 27.
Cologne waters, bath salts, face clays, etc. Marschat Import Co. 167,530; Apr. 3.
Coloring. H. D. Thatcher & Company. 184,192; Dec. 18.
Coloring and flavoring for food products, etc., Combined. B. Heller & Company. 174,304; July 17.
Coloring for food and confectionery. B. Heller & Company. 173,046; May 15.
Colors for dyeing. Wilhelm Brauns, Gesellschaft mit beschränkter Haftung. 174,160–1; Aug. 14.
Color-stripping or dye-removing compound. John Campbell & Co. 184,589–90; Dec. 4.
Compacts for face powder. Lowell Company. 175,667; May 29.
Composition for treating leucorrhea. S. S. Atkins. 183.642; Nov. 13.
Composition used for spraying and destroying boll weevils, etc. Boll-We-Go Manufacturing Company. 170,053; Feb. 6.
Compositions for exterminating moths. Farbenfabriken vorm. Friedr. Bayer & Co. 173,925; Apr. 10.
Compound for opening clogged pipes, traps, drains, etc. White House Products Co. 172,305; Apr. 10.
Compound for the treatment of cancers. Parrett and Swank. 171,548; June 26.
Compound for treating colds, influenza, etc. J. J. Enhelder. 183,057; Nov. 13.
Compound for treating eyelashes and eyelids. J. B. Gattaz. 184,130; Nov. 27.
Compound for treating influenza, grippe, etc. J. T. Mason. 174,317; Apr. 24.
Compound for treating rheumatism. D. H. Buxton. 180,961; Aug. 21.
Compound for treating rheumatism and diseases of the blood. A. G. De Brule. 174,295; Apr. 24.
Compound used in the curing of rubber articles. Rubber Service Laboratories Co. 182,998; Oct. 30.
Compound used in the treatment of headache, neuralgia, etc. J. B. Reeside. 176,100; Nov. 6.
Confection, Laxative. M. Morvillo. 152,764; Jan. 23.
Cordial, Medicinal. G. Castello. 144,500; Jan. 9.
Corn remedy. S. L. Allen. 185,399; Dec. 11.
Corn remedy. D. I. Kanter. 173,221; May 15.
Corn remedy. Schlintz Bros. Co. 182,723; Oct. 30.
Corn remedy. J. D. Zemp. 184,702; Dec. 4.
Corn remover. J. C. Dawes. 183,332; Nov. 13.
Cosmetics. Lam-Té Mfg. Co. 166,837; Dec. 18.
Cosmetics. Re-Al-Jo Products Company. 172,959; Mar. 13.
Cough drops. C. F. Eggimann. 183,445; Nov. 20.
Cough drops. Smith Brothers, Inc. 173,985; May 15.
Cough drops and lozenges. G. J. Bolduc. 177,032; July 10.
Cough lozenges. E. Kehr. 171,326; Apr. 10.
Cough medicine. Cough Checker Company. 180,363; Sept. 18.
Cough medicine. Wykoff Company. 172,964; Mar. 13.
Cough mixture. Squire and Co. Birmingham Limited. 172,776; Apr. 17.
Cough mixture. Stolz Bros. Davis Company. 176,227; July 10.
Cough preparation. A. Gazzoni & C. 175,600; Aug. 7.
Cough remedy. Schlintz Bros. Co. 182,725; Oct. 30.
Cough sirup. W. Miller. 180,768; Aug. 14.
Cough sirups. Puente & Cicero. 161,334; Mar. 6.
Counterirritant and rubefacient. Alpen Company. 179,129; Aug. 7.
Cream and cleansing or cold cream, Vanishing. Charm-U Co. 167,838; Apr. 10.
Cream and face powder, deodorant, etc, Combination cold. Atlanta Barbers Supply Company. 176,592; July 24.
Cream and hair dressing, Greaseless cold. Graves Bros. 179,198; Nov. 20.
Cream, and powder, Face. P. J. Schumacher Co. 175,999; June 19.
Cream and rouge, toilet water, etc., Facial. B. B. Forquer. 159,862; July 17.
Cream, brilliantine, freckle cream, rouge, etc., Lemon. J. Caplan. 175,131; Sept. 25.
Cream, Cold. Bonded Products Corporation. 184,585–6; Dec. 4.
Cream, Cold. Bristol-Myers Company. 169,156; Jan. 9.
Cream, Cold. Foley & Company. 182,745; Oct. 30.
Cream, Cold. Mrs. J. Nelson. 182,716; Dec. 18.
Cream, Cold. Pond's Extract Company. 185,377; Dec. 11.
Cream, Cold. E. R. Squibb & Sons. 180,630; Aug. 7.
Cream, Cold. A. U. Sternlof. 162,775; June 26.
Cream, Complexion. Mrs. E. W. Ingram. 183,654; Dec. 18.
Cream, complexion and face powders, tooth paste, etc., Cold. J. W. Lowrance. 171,427; May 29.
Cream, complexion powder, perfume and toilet water, Cold. Lady Janis Perfume Co. 173,652; Apr. 10.
Cream, Face. Inecto Incorporation. 175,990; July 10.
Cream, face and hand lotion, perfumes, toilet water, etc., Face. Parfumerie Doré Inc. 168,486; Mar. 20.
Cream, face powder, lip pencil, rouge, etc., Face. Vanity Fair Company. 180,991; Sept. 18.
Cream, Facial. C. Jaeger Distributing Co. 170,388; Apr. 17.
Cream, Fat-reducing. Dainty-Form Company. 180,791; Aug. 14.
Cream for cleansing the skin, etc. Gilbert Bros. & Co. 183,375; Dec. 4.
Cream, Freckle-removing or bleaching. Sunny Susan Laboratories. 164,567; Aug. 7.
Cream, hair grower, and corn remedy, Cold, vanishing, and bleaching. R. W. Hunter. 167,520; Mar. 20.
Cream, headache powder, and liniment, Skin. J. T. Kardas. 181,987; Nov. 6.
Cream, lemon emollient, etc., Lemon and vanishing. J. T. Gallagher. 174,240; Dec. 18.
Cream lotion, powder, etc. Maison Gerry, Inc. 174,139; Dec. 4.
Cream, Massage. Big Four Chemical Products Co. 177,583; Sept. 18.
Cream, Massage. J. E. Hopke. 171,169; Mar. 27.
Cream, Massage. J. Romano. 184,295; Dec. 18.
Cream, nasal spray, preparation for removing corns, Catarrh. Key Chemical Co. 166,376; Jan. 2.
Cream of tartar. Park & Tilford. 173,241; June 26.
Cream powder, Cold-. Armand Company. 174,994; June 5.
Cream, Reducing. Camilla Preparations, Inc. 178,893; July 24.
Cream rouge, Vanishing. Danya, Inc. 178,231; Aug. 21.
Cream, Skin. H. Leys. 168,582; Nov. 13.
Cream to be applied to the skin as an insect repellent. F. G. Shaw. 176.505; July 10.
Cream, Toilet. L. I. Coggins. 167,972; Apr. 24.
Cream, toilet water, shampoo powder, etc., Face. Opera Omnia Limited. 182,220; Dec. 18.
Cream, toilet waters, perfumes, etc. Cleansing and finishing. Grant Watkins Co. 173,483; May 15.
Cream, Vanishing. Pond's Extract Company. 185,378; Dec. 11.
Cream, Vanishing. M. Sullivan. 183,419; Dec. 18.
Cream, Vanishing and massage. A. J. Krank Mfg. Co. 173,500; Apr. 24.
Cream, vanishing cream, face powder, etc., Facial-pack cold. Crown Chemical Company. 176.669; Oct. 23.
Creams. Dakin Laboratories. 184,896; Dec. 4.
Creams and powders, hair tonic, bath crystals, etc., Face. J. H. Browne. 153,236; Jan. 30.
Creams and powders, perfumes, toilet waters, rouges, etc., Face. A. L. Lynch. 172,950; Mar. 13.
Creams, complexion bags, and hand lotion. A. B. Gray. 187,621; Dec. 25.
Creams, depilatories, hair growers, etc., Cold and vanishing. Blue Bird Inc. Perfumers. 171,779; June 26.
Creams, Face. Beebe Laboratories, Incorporated. 172,724; June 19.
Creams, face powder, rouges, etc., Cold and dry. M. C. Murphy. 168,426; July 17.
Creams, face powder, toilet waters, etc., Cleansing and vanishing. Richard Hudnut. 171,171; Feb. 13.
Creams, Facial. Medicraft Company. 173,433; May 15.
Creams for eczema, Healing. St. Firo Remedy Co 143,464; July 17.
Creams for freckles. J. H. Bereman. 173,318; May 29.
Creams, lotions, manicuring preparations, etc., Face. G. W. Jennings. 175,658; June 5.
Creams, lotions, rouges, etc., Face. B. C. A. Tozer. 175,576; Oct. 9.
Creams, lotions, toilet waters, perfumes, Cold and greaseless. M. Asher. 163,070; May 29.

Creams, perfumes, sachets, etc., Cold, face, vanishing, and cleansing. A. P. Babcock Co. 181,237; Sept. 18.
Creams, perfumes, toilet waters, etc., Face. J. La Colla. 170,937; Dec. 18.
Creams, perfumes, toilet waters, face powders, etc., Toilet. E. C. Harley Company. 167,397–9; Jan. 23.
Creams, powders, rouges, etc. Palmers, Limited. 184,292; Nov. 27.
Creams, powders, rouges, etc., Face and other. Union Pharmacal Company. 177,414; Aug. 14.
Creams, rouge, etc. Beautex Laboratories Company. 176,817; June 12.
Creams, shampoo, toilet waters, talcum powders, Massage and face. Model Barber Supply Co. 161,400; Jan. 30.
Creams, shaving and beauty lotions, etc., Almond massage. E. M. Munson. 168,057; Apr. 3.
Creams, talcum powder, astringent, etc. Z. E. Burgess. 185,954; Dec. 18.
Creams, Tissue. H. L. Drew. 187,408; Dec. 25.
Creams, Toilet and vanishing. Davis & Lawrence. 181,821; Sept. 25.
Creams, Vanishing face and cold. R. Flores. 168,408; May 15.
Dandruff remedy and hair dressing. J. Setaro. 182,225; Oct. 16.
Dandruff remedy, toilet and skin preparations. J. E. Curran Corporation. 168,515; Jan. 23.
Dandruff remover. H. E. Del Sordo. 173,593; Apr. 10.
Dandruff remover, Liquid. S. P. Taylor. 178,575; July 10.
Dental anæsthetic. J. M. Wilson. 176,775; June 12.
Dental cream. Doctor W. A. Allen Company. 185,000; Dec 18.
Dental cream. Vibro-Dental Products Incorporated. 186,259; Dec. 11.
Dental cream, face powder, hand softener, etc. G. L. Taylor. 185,192; Dec. 4.
Dental medicinal compound. G. E. Weaver. 179,503; Aug. 21.
Dental preparation. L. D. Caulk Company. 184,118; Dec. 18.
Dental preparations. C. S. Long. 165,798; Feb. 27.
Dentifrice. C. C. Cummins. 171,452; Sept. 11.
Dentifrice. M. W. Kent. 178,724; July 17.
Dentifrice. R. O. Lee. 170,202; Jan. 30.
Dentifrice and also liquid cream dentifrice, Liquid. Solvora, Inc. 183,805; Nov. 20.
Dentifrice and prophylactic paste. C. A. L. Reed. 174,860; May 15.
Dentifrice, cold cream, vanishing skin cream, and skin lotion. Parke, Davis & Company. 183,851; Dec. 18.
Dentifrice, Liquid. Ortho Manufacturing Company. 178,276; July 10.
Dentifrices. N. M. Hopkins. 174,207; June 19.
Dentifrices. Parfumerie Anthemys (S. A.) 168,730; Dec. 11.
Dentifrices. Societe Anonyme la Biotherapie, (Societe Anonyme de Produits Chimiques Biologiques et d'Hygiene.) 171,289; Mar. 27.
Dentifrices and products used for the hygiene of the mouth. Societe Anonyme Dentifrices Bi-Oxyne. 181,705; Sept. 18.
Deodorant. J. T. Gallagher. 174,239; Apr. 24.
Deodorant. Marmola Company. 178,621; Sept. 18.
Deodorant and disinfectant. U. S. Sanitary Specialties Corporation. 173,544; May 1.
Deodorant and disinfectant. U. S. Sanitary Specialties Corporation. 185,732; Dec. 11.
Deodorant for mouth and stomach, Purifying. Maybreath Company. 172,050; Mar. 13.
Deodorant, Perspiration. Jean Jordeau, Inc. 177,742; Aug. 7.
Deodorant, Toilet. La Valliere Co. 183,980; Dec. 18.
Deodorants. M. G. Bowen. 157,822; May 29.
Deodorants. Elmo, Inc. 171,352; Feb. 20.
Deodorants. L. Gaspari. 175,483; June 26.
Deodorants. P. K. Hornsby. 157,923; Apr. 3.
Deodorants and disinfectants. Odorless By-Products & Reduction Corporation. 169,775; Feb. 20.
Deodorants and preventives of excessive perspiration. A. W. Taylor. 181,465; Nov. 6.
Deodorants, disinfectants, insecticide, roach powder, pipe cleaner, and scale remover. Sanozone Chemical Co. 140,807; Jan. 23.
Deodorizing fluid. Selig Company. 180,393; Aug. 14.
Deodorizing preparation. W. A. Voight. 180,347; Oct. 30.
Deodorizing preparation, Chemical. Fouke Fur Company. 173,325; May 15.
Deodorizing preparation for ice boxes, etc. B. Heller & Company. 172,043; May 15.
Depilatory. J. Brueck. 175,130; June 5.
Depilatory. L. Claverie. 177,275; Aug. 28.
Depilatory. Jean Jordeau Inc. 185,709; Dec. 11.
Diastase, Concentrated commercial. Ebling Company. 181,065; Aug. 21.
Diastatic preparation used for desizing and degumming of fabrics. American Burtonizing Company and Wallerstein Laboratories. 183,619; Nov. 13.
Digestant compound. G. A. Swift. 175,531; May 15.
Disinfectant. J. R. Fain. 184,900; Dec. 18.
Disinfectant. N. S. Hillyard. 180,600; Aug. 7.
Disinfectant. Selig Company. 180,394–6; Aug. 14.
Disinfectant. L. Whitt. 177,059; July 31.
Disinfectant and deodorizer. B. Heller & Company. 172,991; Mar. 13.
Disinfectant in powdered form. H. Ehrlich & Sons Mfg. Co. 166,051; Jan. 2.
Disinfectants. Britex Chemical Products Limited. 176,397; June 19.
Disinfectants. J. B. Cori. 181,013; Oct. 23.
Disinfectants. Wm. McDonagh & Sons. 175,403; June 5.
Disinfectants, deodorants, cleaners, etc. Pheno-Bane Products Co. 183,720; Dec. 4.
Disinfectants, dyes, emulsion gelatin, etc. Röhm & Haas Aktiengesellschaft. 165,888; Sept. 25.
Disinfectants insecticides, and deodorants. Chemical enterprises Incorporated. 179,133; Aug. 14.
Disinfectants, Solidified-coal-tar. Bech, Van Siclen & Co. 174,815; Aug. 7.
Dobell's solution, witch-hazel, chloroform, etc. Emlet-Winebrenner Co. 166,052; Nov. 6.
Drain solvent. Buffalo Specialty Co. 166,630; Jan. 9.
Drink for chicks, Antiseptic. V. C. Getz. 177,292; July 10.
Drying liquid composition of matter for rendering paper transparent. S. H. Parrish Company. 176,646; July 17.
Dusting powder, Antiseptic. M. F. Schlesinger. 169,783; Jan. 9.
Dye, Aniline. Sands & Ross, Inc. 186,447; Dec. 11.
Dye, Egg. Schroeder & Hinkle. 173,537; May 29.
Dye, Hat. G. H. Capen. 171,350; Feb. 20.
Dye, Oil leather. Benton Holladay & Co. 172,195; Apr. 3.
Dyes. L. L. Briden & Co. 168,871; Jan. 30.
Dyes. Gypsy Dyes, Inc. 181,486; Sept. 18.
Dyes and dye sticks. Kohn and Silverberg. 179,208; Aug. 14.
Dyes and dyestuffs. Grasselli Chemical Company. 154,506; Nov. 27.
Dyes and dyestuffs. Grasselli Chemical Company. 157,922; June 12.
Dyes and dyestuffs. Grasselli Chemical Company. 172,986; Apr. 3.
Dyes and dyestuffs. Grasselli Chemical Company. 172,987; Mar. 6.
Dyes and dyestuffs. H. A. Metz & Co. 173,238; Apr. 10.
Dyes, colors, and intermediates, Coal-tar. Dyestuffs & Chemicals, Incorporated. 176,789; June 12.
Dyestuffs. G. Bothamley. 171,568; Aug. 28.
Dyestuffs. E. I. du Pont de Nemours & Company. 149,954; Jan. 2.
Dyestuffs. Geigy Company. 184,721; Dec. 4.
Dyestuffs. H. A. Metz & Co. 178,563; July 10.
Dyestuffs. C. H. A. Schmitt Company. 180,622; Sept. 11.
Dyestuffs, dyestuff intermediates, and chemicals. E. I. du Pont de Nemours & Company. 172,869; Sept. 11.
Effervescing compounds used as a blood salts, Granulated. R. A. B. Hatch. 170,291; Feb. 20.
Egg producer and poultry tonic. Carolina Remedies Company. 177,272; Apr. 17.
Electric bulbs, Compound for coloring. McKay Company. 174,090; Apr. 10.
Electrolytes. Philadelphia Storage Battery Co. 180,942; Oct. 23.
Electroplating, Composition of matter for use in. Roessler & Hasslacher Chemical Company. 167,016; Jan. 2.
Embalmers' face pack, clay massage, cold and vanishing creams. C. L. Chute. 170,742; Apr. 17.
Embrocation or liniment. E. Shinbaum. 156,827; Jan. 9.
Emollient for treating feet. E. T. Cook. 173,701; Aug. 21.
Emollient for use for chapped skin, sunburn, etc. J. Barab. 179,085; Sept. 11.
Emulsion of cod-liver oil, sirup of white pine and tar, aspirin, etc. United Retail Chemists Corporation. 154,773; Mar. 13.
Emulsion petroleum. Orchard Drug Co. 165,807–8; Apr. 24.
Emulsion used in treating constipation. Nolyec Laboratories. 181,767; Sept. 18.
Emulsion used in treating constipation. Nolyec Laboratories. 181,769; Sept. 18.
Enamel, Face. Gloria Co. 167,940; Jan. 9.
Engines, Carbon remover for gasoline. W. H. Koetter. 180,126; July 31.
Engines, Compound for removing carbon, etc., from internal- combustion. V. A. Shortt. 156,663; June 5.
Engines, Compound for removing carbon from gas. C. H. Coburn. 169,846; Feb. 6.
Engines, Fuel intensifier and carbon preventive for internal-combustion. McComas & Goodwin. 154,374; May 8.
Enzyme substances of vegetable fungus. Takamine Laboratory, Inc. 147,806; Apr. 24.
Eucalyptus remedies for colds, catarrh, and rheumatism. N. C. Heron. 161,312; June 5.
Expectorant. Jno. B. Daniel Inc. 183,518; Dec. 4.
Expectorant. Farbenfabriken vorm. Friedr. Bayer & Co. 185,574; Dec. 11.
External application for asthma, bronchitis, coughs, etc. Capitol Chemical Co. 185,562; Dec. 11.
Extract anterior lobe pituitary gland. Parke, Davis & Company. 179,220; July 31.

Eyebrows and eyelashes, Darkener for. Maybelline Company. 187,333; Dec. 25.
Eye liquid. C. Barton. 169,234; Feb. 13.
Eye remedy preparation for the treatment of sore, granulated, inflamed, etc., conditions of the eye or lids. R. W. Smith. 179,686; Oct. 23.
Eyewash. I-Ez Co. 170,433; Mar. 20.
Face cleanser and cream, talcum powder, etc. A. Lanzet; 167,135; Jan. 23.
Facial pack. Crown Chemical Company. 176,670; Oct. 23.
Facial pack. Crown Chemical Company. 176,671; Oct. 30.
Facial packs. Parisian Specialty Co. 171,382; June 19.
Filtration and in demulsification of liquids, Material used in aiding. Celite Products Company. 187,508; Dec. 25.
Fire-extinguishing chemical compound. Protex Chemical Co. 183,888; Nov. 13.
Fire-extinguishing compositions and ingredients thereof. American Dyewood Company. 182,897; Oct. 30.
Fire-extinguishing compound. River-Lake Chemical Co. 160,905; Aug. 7.
Fire-extinguishing compounds. Pyrene Manufacturing Company. 181,043; Aug. 21.
Fire-extinguishing powders. C. R. Marstin. 168,272; Apr. 3.
Fluid for removing stains from the teeth. Presto Manufacturing Co. 181,569; Nov. 6.
Flux, Foundry. Hillside Fluor Spar Mines. 179,792; Aug. 28.
Fly and insect mist. Johnston United Chemical Co. 172,224; Mar. 27.
Food tonic and general stimulant. Drug Products Co. 166,134; July 10.
Foot balm. L. Hofer. 179,793; Sept. 11.
Foot-bath preparation. Kingsbury Company. 167,965; June 5.
Foot powder. J. Misewicz. 180,443; Sept. 18.
Foot powder, Antiseptic. A. O. Schmidt. 169,784; Jan. 23.
Foot powder, Medicated. H. Rudnick. 169,564; Jan. 9.
Foot powder, stomach regulator, etc. Schadt Brothers. 165,763; Dec. 18.
Formaldehyde. Perth Amboy Chemical Works. 181,410; Oct. 23.
Fuel intensifier and carbon remover. Certified Laboratories, Inc. 168,632; Mar. 13.
Fungicide, seed disinfectant, and general disinfectant. E. I. du Pont de Nemours & Company. 172,263; Mar. 13.
Gallstone medicine. W. E. McAllister. 171,585; Mar. 13.
Gas, Compressed. Carbide & Carbon Chemicals Corporation. 185,652; Dec. 11.
Gas-producing liquid, Noxious-. H. B. Dyer. 182,963; Dec. 25.
Gelatinous compound and nonalcoholic preparation for the relief of dyspepsia, etc. A. D. Pope. 179,282; Aug. 21.
Germicidal solution. Sharpe-Philippi Co. 155,327; Feb. 20.
Germicide and antiseptic mouthwash. John T. Milliken & Company. 176,563; Oct. 30.
Germicide and laxative, Intestinal. J. N. Raymond. 180,890; Aug. 14.
Germicide and worm remedy for stock. C. Hoepfner. 184,729; Dec. 4.
Germicides and disinfectants. Keystone Laboratories. 177,005; Dec. 18.
Glass, Chemical compound for etching. McKay Company. 174,091; Apr. 24.
Glycerin. Proctor and Gamble Company. 177,998; July 17.
Glycerin and rose water, sweet spirits of niter, and turpentine. Warren P. Rash Co. 177,620; Nov. 27.
Goiter preventive. J. J. Bach. 180,736; Oct. 9.
Gum, Laxative chewing. Health Products Corporation. 171,732; Apr. 10.
Gum, Medicated chewing. R. A. Poor. 167,829; Jan. 9.
Hæmostatic preparations. V. Baldacci. 170,888; July 24.
Hæmostatics. Farbenfabriken vorm. Friedr. Bayer & Co. 173,922; Apr. 10.
Hair and beard, Preparation for the. J. B. Williams Company. 168,952; Jan. 30.
Hair and massage cream, Herb. W. Singh. 145,923; Oct. 23.
Hair and scalp, Preparation for the treatment of. F. De Zon. 174,130; May 15.
Hair and scalp, Preparation for use in the treatment of. Mrs. E. A. Blake. 167,797; June 26.
Hair combing cream. Edward Wesley & Company. 172,625; Mar. 6.
Hair cream. Youngstown Barber Supply Co. 176,811; Dec. 4.
Hair dressing. Bouvier Laboratories. 181,335; Aug. 21.
Hair dressing. Diamond Laboratories, Inc. 176,791; June 12.
Hair dressing. M. A. Dickson. 169,533; Jan. 9.
Hair dressing. Estee Laboratories Co. 176,259; June 12.
Hair dressing. Jerico Co. 171,324; Feb. 20.
Hair dressing. A. J. Kleis. 177,443; Sept. 4.
Hair dressing. A. J. Kleis. 177,444; Sept. 25.
Hair dressing. S. S. Levy. 177,854; July 10.
Hair dressing. M. L. Moton. 169,067; Jan. 9.
Hair dressing. Mountain State Laboratories. 176,272; June 5.
Hair dressing. F. H. Scot. 168,279; Apr. 10.
Hair dressing. I. Selkow. 184,525; Dec. 18.
Hair dressing. J. Thompson. 177,334; June 12.
Hair dressing. Waukee Company. 170,168; Jan. 30.
Hair dressing. R. W. Whitaker. 169,837; Feb. 6.
Hair dressing and dandruff remedy. A. J. Krank. 173,427–8; Apr. 3.
Hair dressing and tonic, Greaseless. V. Lee. 155,353; Mar. 6.
Hair dressing, bath salts, etc. Schramm-Johnson, Drugs. 143,666; Dec. 18.
Hair-dressing preparation. C. E. Bonyata. 183,690; Nov. 13.
Hair dressings. W. D. Sims. 148,094; Dec. 18.
Hair dressings, Liquid, cream, and pomade. G. M. Miller. 176,905; July 17.
Hair dye. P. Balme. 167,345; Jan. 2.
Hair dyes. G. Bailet. 167,218; Feb. 13.
Hair dyes and colorings for eyebrows and eyelashes. L. Hayman. 159,581; Aug. 7.
Hair elixir. B. A. Archambault. 168,627; Jan. 2.
Hair elixirs, growers, brilliantines, straighteners, and shampoos. H. L. Trotman. 171,394; Mar. 20.
Hair gloss and grower. M. E. Swan. 168,737; Mar. 13.
Hair grower. A. J. Calajoe. 176,162; Aug. 7.
Hair grower. E. M. N. Coles. 182,400; Oct. 30.
Hair grower. L. R. Davis. 180,966; Aug. 21.
Hair grower. E. G. Fulton. 172,218; Oct. 30.
Hair grower. Hill & Jackson. 184,074; Dec. 18.
Hair grower. I. McKoin. 177,858; July 17.
Hair grower. G. J. Neal. 172,237; Apr. 10.
Hair grower. Robinette Co. 167,195; Mar. 6.
Hair grower. E. Stevens. 165,642; May 8.
Hair grower and dandruff preparation. C. L. Green. 181,023; Aug. 28.
Hair grower and scalp massage. J. Carrozza. 185,073; Dec. 4.
Hair grower, Antiseptic. George W. Merritt Company. 176,749; June 19.
Hair grower, hair tonic, shampoo, tetter salve, etc. A. Taylor. 171,517; June 5.
Hair grower, pressing oil, etc. P. Woodard. 178,486; Aug. 28.
Hair growers, temple grower, and pressing oil. M. F. Glenn. 184,548; Dec. 4.
Hair growers, tetter salve, face cream, etc. Mme. Bertha M. Hicks Manufacturing Co. 171,365; Apr. 3.
Hair, Liquid for preserving curls and Marcel wave in the. G. J. Petros. 184,039; Nov. 27.
Hair lotions and skin creams. S. R. Glassmire. 173,283; May 15.
Hair oils. Foley & Company. 176,261; June 12.
Hair pomade. E. A. Heitkamp. 174,777; May 22.
Hair pomade, preparation for beautifying the hair, shampoo, etc. D. A. Jones. 163,991; Mar. 27.
Hair pomades. Standard Laboratories, Inc. 175,222; Mar. 13.
Hair preparation. R. H. Cromwell. 176,074; June 12.
Hair preparation. A. Montgomery. 178,055; Sept. 18.
Hair, Preparation for dressing the. Keep Komb Co. 175,560; May 15.
Hair preparations. Blue Bird Inc. Perfumers. 174,686; May 15.
Hair preparations. M. E. Thompson. 177,246; Nov. 20.
Hair remover. H. S. Hinkle. 180,066; Sept. 11.
Hair restorer. Philomena Schmalz & Co. 168,004; Feb. 6.
Hair restorer. J. R. Smith. 168,652; Mar. 13.
Hair restorer and tonic. R. H. Macy & Co. 171,542; Feb. 20.
Hair-restorer compounds. J. Childers. 185,004; Dec. 4.
Hair salve. Madam C. J. Walker Mfg. Co. 173,017; June 19.
Hair salve and pomade. H. L. Rabinow. 172,058; Apr. 17.
Hair saver and darkener. A. T. Silene. 170,697; Feb. 13.
Hair shampoo. Romano Baldassare and Co. 181,717; Nov. 6.
Hair shampoo. M. Tomacelli. 182,942; Dec. 18.
Hair shampoo, dandruff remover, hair tonic, and scalp cleanser. Security Drug Co. 170,550; Feb. 13.
Hair tonic. L. T. Alexander. 168,745; Feb. 13.
Hair tonic. M. H. Askinn. 175,593; May 29.
Hair tonic. L. S. Beaver. 178,374; Sept. 25.
Hair tonic. A. De Brûle. 183,961; Nov. 27.
Hair tonic. W. J. Burns. 180,416; Aug. 14.
Hair tonic. P. P. Davis. 174,690; May 15.
Hair tonic. A. P. Eliaves. 166,940; Jan. 2.
Hair tonic. J. J. Fox. 170,635; June 26.
Hair tonic. A. E. Glickman. 171,017; Apr. 17.
Hair tonic. F. Goldberg. 144,812; Sept. 18.
Hair tonic. F. V. Greco. 182,051; Sept. 25.
Hair tonic. E. J. Hatton. 166,368; Feb. 13.
Hair tonic. E. J. Hatton. 168,528; Feb. 13.
Hair tonic. F. C. Hayes. 169,301; Jan. 9.
Hair tonic. N. E. Heckethorn. 182,810; Oct. 30.
Hair tonic. Indiaroot Company. 181,896; Sept. 25.
Hair tonic. A. L. Kandle. 158,047; June 5.
Hair tonic. A. J. Krank Mfg. Co. 169,599; Jan. 2.
Hair tonic. L. A. Lea. 175,503; June 5.
Hair tonic. J. Lequy. 150,694; Jan. 23.

Classified list of trade-mark titles—Continued.

Hair tonic. Marvelette Company. 179,945; Aug. 14.
Hair tonic. G. A. Menzie. 172,606; Mar. 6.
Hair tonic. R. Odell & Sons Company. 153,613; Feb. 13.
Hair tonic. R. Odell & Sons Company. 153,615; Feb. 13.
Hair tonic. L. Philippe. 170,541; Feb. 20.
Hair tonic. G. H. Pound. 178,280; July 10.
Hair tonic. B. A. Rotolo. 174,030; Apr. 10.
Hair tonic. M. A. Schaefer. 171,870; Feb. 20.
Hair tonic. Scientol Products Co. 181,455; Sept. 18.
Hair tonic. I. Selkow. 179,227; Aug. 14.
Hair tonic. B. L. Shields. 168,985; Jan. 2.
Hair tonic. V. V. Williams. 171,438; Feb. 20.
Hair tonic. Womble Chemical Company. 174,714; Apr. 24.
Hair tonic. P. Zebich. 180,460; Sept. 18.
Hair tonic and dandruff remedy. O. K. Quast. 167,783; Jan. 30.
Hair tonic and fixative. A. J. Krank. 173,193; Apr. 24.
Hair tonic and preservative. De Vito Salvo Hair Tonic Co. 177,833; Aug. 7.
Hair tonic and restorer. I. Berkenfield. 183,135; Dec. 11.
Hair tonic and scalp ointment. B. H. Beuchel. 176,158; Sept. 18.
Hair tonic and shampoo. Five-In-One Manufacturing Co. 178,698; Aug. 14.
Hair tonic and skin lotion. P. Saluzzi. 176,765; Aug. 14.
Hair tonic complexion powder, etc. I. J. Selkowitz. 159,628; May 29.
Hair tonic, Floral antiseptic. George W. Merritt Company. 176,748; June 19.
Hair tonic, hair dressing, and dandruff remover. W. H. Trigg. 184,774; Dec. 18.
Hair tonic, Liquid. G. Della Porta. 182,522; Oct. 23.
Hair tonic, toilet waters, colognes, and cold creams. G. Pagonis. 168,725; Feb. 13.
Hair tonics. V. M. Corso. 176,454; July 10.
Hair tonics. Daggett & Miller Co. 175,007; June 5.
Hair tonics. J. Ehmann. 170,810; Feb. 13.
Hair tonics. Golden Ray Manufacturing Co. 170,816; Feb. 13.
Hair tonics. Hygienic Laboratories. 173,932; Apr. 10.
Hair tonics and scalp preparation. A. M. Edwards, Incorporated. 170,011; Apr. 3.
Hair tonics and shampoos. E. B. Finlayson. 169,540; Jan. 2.
Hair tonics, shampoo jelly, face creams, etc. C. W. Price. 177,020; July 17.
Hair tonics, smelling salts, witch hazel, etc. Calhoun, Robbins & Co. 172,207; May 29.
Halogen-bearing food for the thyroid gland. Thyro-Logen Laboratories. 181,576; Nov. 20.
Headache and neuralgia powders. Columbus Chemical Company. 165,747; Dec. 18.
Healing powder for wounds and sores of live stock. Bickmore Company. 179,454; Aug. 21.
Heat bags, Chemical. Superior Chemical Company. 183,998; Dec. 18.
Herb tea. S. C. Wells & Co. 179,633; Aug. 21.
Herb teas and medicines for disorders of the stomach, liver, etc., Laxative. Electronic Remedy Co. 165,538; Jan. 2.
Heterocyclic compounds. M. Freiberger. 168,258; Apr. 3.
Hormone products. Colwell Pharmacal Corporation. 170,866; Apr. 10.
House-fly killer, liquid roach killer, liquid mosquito killer and repellant, etc. N. E. Morgan. 172,388; Apr. 3.
Hydrastis canadensis, Nonalcoholic solution of the active medicinal principles of. W. S. Merrell. 182,834; Nov. 20.
Hydrophosphites, Preparation of. Fellows Medical Manufacturing Company. 177,836; Aug. 14.
Hypnotic and antispasmodic. Parke, Davis & Company. 170,781; Aug. 21.
Hypochlorite solution, Double-acting alkaline. Western Chemical Co. 179,119; Aug. 28.
Hypodermic solutions. Parke, Davis & Company. 176,361; June 5
Ice-box deodorants. Kanak Company. 170,249; Feb. 27.
Immunizing agents. Parke, Davis & Company. 186,151; Dec. 18.
Impregnating material for use as a preservative. Chemische Fabriken vorm. Weiler-ter Meer. 170,124–6; Mar. 6.
Incense. West Coast Trading Company. 181,577; Nov. 6.
Incense and incense candles. J. W. Darley. 187,375; Dec. 25.
Inhalant for the relief of cold in the head. Thomas Kerfoot & Co. 187,424; Dec. 25.
Ink eradicator. Guild Products Corporation. 165,544; Mar. 13.
Insect destroyer. Bedsole-Colvin Drug Co. 183,329; Nov. 20.
Insect-destroying compound. E. F. Lilly. 179,048; Aug. 14.
Insect exterminator. W. H. Metzger. 164,180; Apr. 3.
Insect powder. A. Dabrasky. 166,769; May 8.
Insect powders or insecticides. Nasser and Coleman Company. 174,744; May 22.
Insecticide. American Insecticide Co. 177,758; July 10.
Insecticide. D. V. Burrell. 175,297; July 3.
Insecticide. B. E. Chaney. 181,586; Nov. 6.
Insecticide. Charleston Drug Mfg. Co. 164,869; Mar. 13.
Insecticide. Eckman Chemical Company. 159,504; Nov. 20.
Insecticide. J. R. Fain. 184,898–9; Dec. 18.
Insecticide. Hits-It M'f'g Co. 186,129; Dec. 18.
Insecticide. Hood River Spray Company. 183,832; Nov. 20.
Insecticide. J. L. Hopkins & Co. 172,381; May 1.
Insecticide. Kil-Tone Company. 177,130; June 12.
Insecticide. Merck & Co. 170,590; Feb. 13.
Insecticide. T. Meyer. 171,736–7; Mar. 20.
Insecticide. C. Peterson. 172,761; Mar. 20.
Insecticide. Pheno-Bane Products Company. 186,153; Dec. 18.
Insecticide. I. D. Russell. 184,424; Nov. 27.
Insecticide. Solomia (1922) Limited. 174,343; May 15.
Insecticide. Southern Specialty Company. 178,292–3; July 10.
Insecticide. Southern Specialty Company. 180,902; Aug. 14.
Insecticide. Standard Oil Company (New Jersey). 181,872; Nov. 27.
Insecticide. Vermi-Tox Products Co. 169,104; Feb. 20.
Insecticide. Walnut Growers Spray Manufacturing Company. 165,434; Oct. 9.
Insecticide. Walnut Growers Spray Manufacturing Company. 165,435; May 22.
Insecticide. Williams, Martin & Gray, Inc. 179,909; Aug. 21.
Insecticide and deodorant. W. T. Johns. 174,902; July 10.
Insecticide and disinfecting deodorant. T. Meyer. 171,738; Mar. 20.
Insecticide and fungicide. Kil-Tone Company. 177,561; Aug. 7.
Insecticide and germicide. Can-Ho-Lab. Chemical Co. 173,401; Apr. 24.
Insecticide and moth proofing composition. Process Chemicals Incorporated. 168,489; Apr. 17.
Insecticide, antiseptic, and germicide. Parke, Davis & Company. 181,306; Aug. 21.
Insecticide, deodorant, and disinfectant. W. D. Wiegand. 171,395; May 15.
Insecticide for fowls. S. S. Powell. 174,409; June 5.
Insecticide for killing moths and carpet beetles. B. Heller & Company. 174,301; July 17.
Insecticide for roaches, etc. C. L. Jones. 175,084; June 5.
Insecticide for use in exterminating rodents and insects. G. W. Roller. 173,364; Apr. 24.
Insecticide for use in exterminating rodents, etc. J. J. Seldage. 173,366; Apr. 24.
Insecticide, Liquid. White Tar Company. 179,287; July 31.
Insecticide ointment and shampoo. Dr. Becker Medicine Co. 174,382; May 8.
Insecticide powders. N. M. Hagler. 181,394; Oct. 9.
Insecticide preparation. B. Heller & Company. 184,131; Nov. 27.
Insecticides. Boll Weevil Destroyer Co. 184,322; Nov. 27. Nov. 27.
Insecticides. Bowker Insecticide Co. 169,749; Jan. 9.
Insecticides. Carbo-Sul Corporation. 174,609; May 15.
Insecticides. E. R. Chesney. 167,118; Jan. 23.
Insecticides. Commercial Chemical Company. 179,460; Aug. 21.
Insecticides. E. Govett. 183,521; Nov. 13.
Insecticides. Hightstown Hardware Company. 166,596; Jan. 2.
Insecticides. I. Hollander. 178,388; July 17.
Insecticides. D. Klebanoff. 179,375; Sept. 11.
Insecticides. Moth K-L Co. 168,721; Dec. 4.
Insecticides. S. H. Sachaklian. 183,165; Nov. 20.
Insecticides. S. C. Slattery. 170,408; Mar. 6.
Insecticides. Smith Mfg. Co. 169,786; Jan. 9.
Insecticides. West Disinfecting Company. 168,698; Jan. 2.
Insecticides. D. Wood. 170,917; Feb. 20.
Insecticides. C. A. B. Zook. 184,885; Dec. 4.
Insecticides. C. A. B. Zook. 184,887–8; Dec. 4.
Insecticides and cleaning liquids. Flash Chemical Company. 183,027; Oct. 30.
Insecticides and disinfectants. J. R. Fain. 184,901; Dec. 18.
Insecticides and fungicides. General Chemical Company. 183,967; Nov. 27.
Insecticides and fungicides. H. L. Renard. 183,993; Dec. 18.
Insecticides, bactericides, fungicides, etc., for plants. Bobwhite Chemical Corporation. 168,953–4; Mar. 27.
Insecticides, disinfectants, and deodorizers. Kilzol Products Company. 171,274; Apr. 24.
Intestinal regulator. J. Osman. 174,407; June 26.
Inunction for the treatment of rheumatism. "Smallex." 154,155; Oct. 23.
Iodine preparation, Liquid. H. J. Novack. 178,626; July 10.
Iron and manganese solution for anæmia, etc. E. Galbrun. 180,854; Aug. 28.
Iron solution for intravenous and intramuscular use. Butler Laboratories, Inc. 166,521; Jan. 2.
Lamps, Colors for frosting. Chemical Novelty Co. 174,071; June 5.

Laundry blue. Standard Ultramarine Co. 176,699; June 19.
Laxative. Agrilin Chemical Company. 181,970; Sept. 11.
Laxative. Battle Creek Food Company. 175,839; May 15.
Laxative. Fries & Fries Company. 182,968–9; Oct. 30.
Laxative. M. H. Herskowitz. 182,472; Dec. 18.
Laxative. W. G. Huffman, jr. 177,741; Aug. 14.
Laxative. Zagat Inc. 175,047; June 5.
Laxative and tonic, Herb. A. P. Stanton Medical Co. 166,859; Jan. 2.
Laxative, Antiseptic. Abel-Jensen Laboratories. 183,515; Nov. 13.
Laxative, Antiseptic. Partola Distributing Company. 166,569; Jan. 2.
Laxative, Antiseptic. Partola Distributing Company. 167,532; Feb. 20.
Laxative chewing gum. Joseph Triner Company. 182,628; Oct. 30.
Laxative crackers. Vegatol Products Company. 137,751; Jan. 30.
Laxative herbal compound. B. E. Sherman. 184,106; Nov. 27.
Laxative in candy form. S. Longo. 187,322; Dec. 25.
Laxative, ointments, red-clover extracts, Candy. E. J. Needham. 169,178; Jan. 30.
Laxative or mild purgative pill preparation. W. Harrison. 168,865; Mar. 6.
Laxative Preparation, Prune. J. T. Murray. 170,945; Mar. 20.
Laxative preparations. J. F. Hrejsa. 177,972; July 17.
Laxative tea. F. Dedek. 184,124; Dec. 18.
Laxative wafer. CaPhenin Chemical Company. 175,768; May 29.
Laxatives. S. Kaidasz. 180,224; July 31.
Laxatives. Lungardia Company. 175,936; May 29.
Laxatives. R. Myers. 175,675; July 24.
Laxatives. J. M. Strully. 182,884; Oct. 30.
Laxatives. Henry K. Wampole and Company Incorporated. 168,659; Jan. 2.
Laxatives and cathartics. Parke, Davis & Company. 170,503; Feb. 13.
Laxatives and tonics. Geddes & Barnaby. 182,579; Oct. 30.
Leather from hides and skins, Treating and tanning agent in the manufacture of. Robeson Process Company. 169,684; Jan. 2.
Liniment. C. E. Claflin. 172,515; Feb. 27.
Liniment. I. Connolly. 171,485; Mar. 13.
Liniment. Faxon & Gallagher Drug Co. 185,575; Dec. 11.
Liniment. C. H. Greene. 175,488; Nov. 20.
Liniment. J. G. Harris. 171,358; Mar. 6.
Liniment. R. B. Hebert and Son. 173,493; Sept. 18.
Liniment. E. E. Heller. 175,987; Nov. 13.
Liniment. J. C. Kreider. 182,710; Nov. 13.
Liniment. N. Schlosinger. 166,855; Jan. 2.
Liniment. M. W. Shefftel. 177,111; July 10.
Liniment. Sun Zone Company. 185,767; Dec. 11.
Liniment. W. A. Whitmore. 185,887; Nov. 13.
Liniment and antiseptic for external application for rheumatism, etc. S. A. Latham. 172,602; Feb. 20.
Liniment and herb tablets. Bielek Manufacturing Company. 158,751; Jan. 2.
Liniment and preparation for increasing growth of the hair. P. H. Colburn. 184,161; Nov. 27.
Liniment for bronchial colds and congested condition of the lungs, lumbago, etc. T. Montcalm. 171,813; Feb. 20.
Liniment for burns, cuts, bruises, etc, Antiseptic. C. M. Shipman. 166,265; Feb. 13.
Liniment for external application and herb tablet. Bielek Manufacturing Company. 158,749; Jan. 2.
Liniment for external use. I. B. Jefferson. 165,033; Nov. 13.
Liniment for external use for rheumatism, sore throat, etc. Goodrich Drug Company. 169,633; Feb. 13.
Liniment for relief of aches, pains, cuts, etc. O. M. Norcross. 169,603; Feb. 20.
Liniment for rheumatism, influenza, coughs, etc. J. Van Goodwin. 169,634; Feb. 20.
Liniment for rheumatism, lumbago, gout, and colds. C. L. Scheele. 167,946; Jan. 2.
Liniment for sprains, etc., pepsin lactated compound for indigestion, etc. Chlor-methyl. W. H. Rorer. 165,639; Jan. 30.
Liniment for the treatment of rheumatism, colds, etc., Liquid. N. Stahlbehl. 168,382; Jan. 2.
Liniment for the treatment of stiff and sore muscles, rheumatism, etc. Capitol Sales Company. 163,500; Feb. 20.
Liniment, larkspur, cedar flakes, etc., Camphorated white. Western Wholesale Drug Co. 169,256; May 22.
Liniments. C. A. Burke. 158,074; Mar. 6.
Liniments Edgar Chemical Company. 157,417; May 1.
Liniments. W. A. McGuire. 175,365; June 19.
Liniments. J. H. Webster. 182,081; Sept. 25.
Liniments and pills. J. F. Kobylanski. 176,838; Aug. 14.
Lip paste and pencils. F. N. Lewis. 174,470; May 22.
Lip pastes and pencils. F. N. Lewis. 174,842; June 5.
Lip stick and rouge. George W. Luft Company. 182,664; Oct. 30.
Lip sticks. Societe Guerlain. 183,772; Nov. 18.
Lip sticks, eye brow and lash dressing, creams, etc. Delica Laboratories Co. 179,461; Sept. 11.
Liquid and ointment preparations for promoting the growth of the hair, shampoo, etc. A. M. Malone. 171,464; Mar. 27.
Liquid battery charge. J. K. Jester. 170,434; May 22.
Liquid for cleansing and beautifying the skin and improving the complexion. Jouvence Company. 179,045; July 31.
Liquid for exterminating insects. No-Mor Products Co. 180,292; Aug. 28.
Liquid for exterminating vermin. S. S. Schoen. 180,623; Aug. 7.
Liquid medicaments and ointments for antiseptic uses, etc. Chloro Chemical Corporation. 178,592; July 10.
Liquid preparation for treatment of asthma. K. Karas. 166,836; Apr. 10.
Liquid preparation, remedy, or tonic for nervous diseases. Organic Preparations Co. 181,040; Aug. 21.
Liquid preparation to offset the odors of perspiration. Perfumeria Floralia, S. A. 144,939; Nov. 6.
Liquids and creams, Facial. L. M. Morehouse. 182,665; Oct. 30.
Liquids and ointments. R. H. Wojciechowski. 179,123; Aug. 14.
Liquors, Aging and softening chemical powder for. F. D. Burhop. 171,196; Apr. 3.
Liver regulator and tonic. D. J. Gunter. 177,297; Aug. 14.
Logwood extract. Yorkshire Dyeware & Chemical Company. 173,064; May 15.
Lotion, Antiseptic, astringent, and deodorizing. Calcium Products, Incorporated. 176,322; June 19.
Lotion applied to the face after shaving, tooth paste, face powder, etc. Allmans Co. 155,471; May 29.
Lotion, External. Thompson-Barlow Company. 179,752; Aug. 21.
Lotion, Eye. F. C. Wahlenmaier. 162,702; Apr. 24.
Lotion, Face. E. J. Jahn Company. 184,861; Dec. 4.
Lotion, Face. A. J. Krank Mfg. Co. 170,022; Jan. 23.
Lotion, Face. J. W. Mayo. 170,722; Mar. 6.
Lotion, Face. D. Pepple and Co. 174,669; May 15.
Lotion, Face and hand. G. F. Meyer. 182,763; Dec. 4.
Lotion, Face and hand. Remiller Co. 178,472; July 10.
Lotion for chapped hands. D. & N. Drug Co. 168,356; Jan. 9.
Lotion for deodorizing offensive and excessive perspiration, Toilet. H. B. Dismond. 169,437; Feb. 20.
Lotion for external application. Abraham & Straus, Inc. 172,813. Apr. 3.
Lotion for the hands and face. L. H. Lydon. 174,664; Apr. 24.
Lotion for the scalp, face, and hands. X-Tol Products Company. 175,752; May 29.
Lotion for the skin. W. P. Hayhurst. 175,311; July 24.
Lotion for the skin. F. H. Shoemaker. 173,445; July 24.
Lotion for the treatment of cuts, burns, boils, etc., Antiseptic. W. A. Giddings. 166,228; Jan. 2.
Lotion for use after shaving, Antiseptic and cooling. E. F. Koss. 168,535; Feb. 6.
Lotion, Hand. M. Sullivan. 183,418; Nov. 13.
Lotion, Nasal. A. Webber. 169,611; Feb. 13.
Lotion or like preparation for chapped hands, etc. J. H. Van Gesen. 166,156; Dec. 4.
Lotion, Skin. H. J. Handley. 181,276; Aug. 21.
Lotion, Skin. D. G. Israel. 184,860; Dec. 4.
Lotion, Skin. E. L. Patch Company. 174,482; May 29.
Lotion, toilet water, talcum powder, perfume, rouge, etc., Hand. C. J. Wallace. 158,203; Feb. 13.
Lotions and creams, Skin. Jean Jordeau Inc. 168,893; Mar. 6.
Lotions and medicinal preparations for inflamed mucous membranes, Skin. A. B. Mann. 177,499; Aug. 7.
Lotions and other pharmaceutical preparations. M. A. London. 164,441; Sept. 25.
Lotions and salves. L. M. Berg. 165,119; Feb. 20.
Lotions, Face. I. Auld. 173,393; Apr. 3.
Lotions, face creams, and hair pomades. Cannon Toilet Manufacturing Co. 178,330; Aug. 14.
Lotions for external use. Fries & Fries Company. 161,774; Jan. 30.
Lotions for treatment of skin. F. H. Shoemaker. 175,451; June 5.
Lotions, powders, creams, etc., Toilet. Guy T. Gibson, Incorporated. 185,698–9; Dec. 11.
Lotions, Shaving. Lam-Té Mfg. Co. 166,142; Oct. 9.
Lye. Pennsylvania Salt Manufacturing Company. 176,094; Sept. 18.
Lye. Pennsylvania Salt Manufacturing Company. 176,095–7; July 10.
Lye. Wm. Schield Mfg. Co. 167,270; Feb. 13.
Lye, Flake. Niagara Alkali Company. 169,918; Apr. 24.
Lye products. J. Picot. 180,774; Dec. 4.
Magnesia, Citrate of. H. E. Frees Co. 172,871; Mar. 13.
Magnesia used for pharmaceutical purposes. Laboratorio Chimico Farmaceutico Moderno Di Granelli Candiani & C. 175,794; June 26.
Malt preparation intended as a general tonic. Modern Pharmacal Co. 177,258; May 22.
Manicure preparations. G. E. Kobalt. 173,711; Apr. 10.
Massage for the face and body. L. Philippe. 170,542; Apr. 10.
Massage, Liquid. L. Philippe. 184,260; Dec. 18.
Massage preparations or tonics for the head and scalp. Van Ess Laboratories, Inc. 166,487; May 29.

Meat-curing chemical preparation. B. Heller & Company. 171,755; Aug. 28.
Meat preservative, flavoring and coloring compound in liquid form. E. L. Karnes. 171,369; Feb. 13.
Meats, Preparation for curing and preserving. Newberry-Ramsey Ready Mixed Sugar Cure Co. 167,359; Jan. 2.
Medical and pharmaceutical compounds and chemicals. C. Lageman. 172,067; Dec. 18.
Medical compound, Cathartic. Illinois Medicine Co. 168,313; May 1.
Medical compound for relief of lung disease, etc. M. Talento. 153,419; Oct. 23.
Medical compound for treating corns. G. A. Breon. 180,167; Sept. 11.
Medical compounds. H. F. Callow. 178,426; Aug. 21.
Medical compounds. F. L. McCollam. 172,426; Apr. 24.
Medical compounds for the treatment of rheumatism. Kattulas and Sotos. 177,674; Aug. 28.
Medical preparation. Bi-Oxo-Dyn Co. 169,346; Feb. 20.
Medical preparation. Eli Lilly & Company. 159,212; July 17.
Medical preparation for coughs, colds, etc. C. R. Rostine. 175,569; July 24.
Medical preparation for treatment of asthma. W. M. Roberts. 169,562; Jan. 9.
Medical preparation for the treatment of high blood pressure. J. V. McFarland. 170,494; Feb. 20.
Medical preparations for leucorrhea, etc. Peck & Sterba. 178,405; Aug. 28.
Medical product. E. H. Dunn. 172,086; Aug. 7.
Medicated bath preparation. N. S. Zucker. 174,984; May 15.
Medicated cream or ointment. L. D. Caulk Company. 185,413; Dec. 11.
Medicated mineral for rheumatism and tonic and regulator of the stomach, etc. Natural. Mineral-Tone Company. 170,660; Feb. 13.
Medicated oil. Tallerday Medicine Company. 182,623; Oct. 30.
Medicated preparation for liver ailments. Scott and Turner, Limited. 178,874; July 24.
Medicated tablets and capsules for headache, etc. W. A. Libby. 173,839; Nov. 13.
Medicated tablets for headaches, etc. T. J. Mueller. 173,850; May 15.
Medicated wax for treatment of pyorrhea. Drs. Brown and Brown. 177,269; July 31.
Medicinal agents for treatment of bodily pains. Eddine Manufacturing Co. 175,548; June 5.
Medicinal and chemical products for treating neuralgic and convulsive affections. C. A. F. Kahlbaum Chemische Fabrik Gesellschaft mit beschränkter Haftung. 168,973; Apr. 24.
Medicinal and laxative tablets. Tanner & Poindexter. 175,276; July 17.
Medicinal and pharmaceutical products for treating gouty, rheumatic, etc. affections. C. A. F. Kahlbaum Chemische Fabrik Gesellschaft mit beschränkter Haftung. 168,972–3; Apr. 24.
Medicinal belt for treatment of kidneys. Randell & Co. 179,112; Sept. 4.
Medicinal bitters and general tonic. Felice Bisleri & C. 140,825; Sept. 18.
Medicinal capsule. N. P. Steckler. 182,682; Dec. 4.
Medicinal composition for neurasthenic disorders. Lecithin Company. 176,839; June 12.
Medicinal compound. Jath's Camphorub Company. 179,044; Oct. 16.
Medicinal compound and salve. Blackburn Products Co. 167,595; May 1.
Medicinal compound containing acetylsalicylic acid. H. C. Fleming. 178,834; July 24.
Medicinal compound for diseases of the stomach. Charles F. Dare & Son, Inc. 172,265; Mar. 27.
Medicinal compound for promoting calcification. J. H. Holm. 171,539; Apr. 10.
Medicinal compound for the treatment of catarrhal diseases of the head. Cream Balm Company. 170,626; May 22.
Medicinal compound used for the treatment of rheumatism, neuralgia, sciatica, etc., Liquid. National Radium Co. 181,766; Sept. 18.
Medicinal herb preparation. Wing Lee Wai Company. 172,364; May 15.
Medicinal herb preparation. Wing Lee Wai Company. 172,569–70; May 15.
Medicinal herb preparation used as a general tonic. Wing Lee Wai Company. 172,304; Mar. 6.
Medicinal iron preparation. A/S Ferrosan. 166,430; Mar. 27.
Medicinal liquid for lungs and kidney, etc. J. Vajda. 178,886; Aug. 14.
Medicinal oil. W. D. Cavanaugh. 182,131; Oct. 30.
Medicinal oil. N. Jakobs. 171,998; June 26.
Medicinal ointment. Eli Lilly & Company. 176,559; June 19.
Medicinal ointment. C. C. Marshall. 175,877; May 15.
Medicinal powder. W. S. Pollard. 180,140; Nov. 20.
Medicinal powder, Suppurative. Sharp & Dohme. 171,596; Apr. 3.
Medicinal powders for internal use. J. S. Tyree. 161,460; Feb. 13.
Medicinal preparation. Armour and Company. 178,702; July 17.
Medicinal preparation. Blue Bird Remedy Co. 178,022; July 17.
Medicinal preparation. Bristol-Myers Company. 169,154; Jan. 9.
Medicinal preparation. G. W. Carnrick Co. 178,089; Aug. 28.
Medicinal preparation. Fluenzol Proprietary, Ltd. 169,896; Dec. 4.
Medicinal preparation. Fluenzol Proprietary, Ltd. 169,897; Aug. 28.
Medicinal preparation. Granger Mineral Co. 175,014; June 19.
Medicinal preparation. F. Grosse. 182,206; Nov. 13.
Medicinal preparation. Eli Lilly & Company. 166,382; May 15.
Medicinal preparation. Eli Lilly and Company. 182,760; Oct. 30.
Medicinal preparation. Medoc Company. 177,237; Dec. 4.
Medicinal preparation. J. A. Parr. 182,439; Oct. 16.
Medicinal preparation. W. H. Peters. 180,722; Aug. 14.
Medicinal preparation. Schering & Glatz, Inc. 174,033; Feb. 27.
Medicinal preparation. Standard Crayon Manufacturing Company. 175,627; June 26.
Medicinal preparation. Thompson-Barlow Company. 183,458; Nov. 20.
Medicinal preparation. Tryalax Manufacturing Co. 181,790; Nov. 6.
Medicinal preparation. W. H. Wilson. 174,116; June 12.
Medicinal preparation. G. Yeager. 179,762; Oct. 23.
Medicinal preparation acting as a system cleanser and regulator. A. W. Chappell. 173,030; Mar. 6.
Medicinal preparation for an aid to nature in lung affections, coughs, etc. American Chemical & Drug Co. 171,889; Apr. 10.
Medicinal preparation for asthma, etc. E. Bilhuber, Inc. 173,695; Apr. 10.
Medicinal preparation for barber's itch. T. H. Barekman. 187,403; Dec. 25.
Medicinal preparations for cramps, diarrhea, and colds. Walker Bros. Co. 173,263. Mar. 27.
Medicinal preparation for external treatment of rheumatism, neuritis, etc. J. M. Pottgieser. 179,740; Aug. 7.
Medicinal preparation for indigestion, dyspepsia, etc. Brunelle Drug Co. 181,057; Aug. 21.
Medicinal preparation for intestinal disorders. International Consolidated Chemical Corporation. 180,702; Aug. 7.
Medicinal preparation for open wounds of animals, Liquid. F. Podawinnikoff. 152,479; Jan. 2.
Medicinal preparation for pneumonia, etc. P. J. Gillen. 177,294; July 10.
Medicinal preparation for the treatment of affections of the throat, etc. Balsamea Co. 172,661; Apr. 24.
Medicinal preparation for the treating of croup, colds, and inflammation. S. Pfeiffer Mfg. Co. 173,207; Mar. 27.
Medicinal preparation for the treatment of pains, aches, etc. Mrs. E. Smith. 182,881; Nov. 20.
Medicinal preparation for the treatment of rheumatism. B. Pérez. 147,307; Mar. 6.
Medicinal preparation for the treatment of stomach and bowel troubles, coughs, etc. A. J. Perry and Co. 177,242; Aug. 7.
Medicinal preparation for the treatment of toothache and pyorrhea. A. A. Schwerin, sr. 172,124; Mar. 6.
Medicinal preparation for treatment of burns, cuts, etc. Louvon Laboratory. 182,250; Oct. 23.
Medicinal preparation for treatment of eczema, tetter, etc. Kohr Mfg. Co. 179,732; Sept. 18.
Medicinal preparation for use in the treatment of malaria and chills. E. M. Murphy. 177,920; Oct. 23.
Medicinal preparation in the nature of a purgative and liver medicine. J. G. Williams. 168,626; Apr. 10.
Medicinal preparation indicated in chronic inflammations of the mucous membranes. American Radium Appliance Company. 179,699; Aug. 7.
Medicinal preparation of tonic and laxative properties. Thompson Medical Co. 171,046; Mar. 27.
Medicinal preparation recommended for use in the treatment of rheumatic, neuritic, and sciatic affections, etc. Capcoss Co. 180,583; Aug. 7.
Medicinal preparation to be used as a laxative and cathartic. Eli Lilly & Company. 161,366; July 3.
Medicinal preparation to be used as a prophylactic, antiseptic, and germicide. H. Wolcott. 175,588; May 15.
Medicinal preparation to relieve pain. Heidbrink Company. 176,998; June 26.
Medicinal preparation used as a fat reducer. Noavo Laboratories. 178,863; Sept. 4.
Medicinal preparation used as a physic. E. E. Hethcock. 170,191; Feb. 20.
Medicinal preparation used in the treatment of carbuncles, etc. N. B. Hinkle. 171,844; Mar. 27.
Medicinal preparation used in the treatment of galls, sores, etc., on horses. F. W. Kelley. 181,601; Sept. 18.
Medicinal preparation used in the treatment of gout, rheumatism, etc. Schering & Glatz, Inc. 182,839; Nov. 20.
Medicinal preparations. I. J. Epstein. 174,729; Sept. 11.

Medicinal preparations. J. G. Fambach. 169,895; May 22.
Medicinal preparations. J. Ferran Clua. 165,914; Dec. 18.
Medicinal preparations. Independent Drug Company. 180,865; Sept. 11.
Medicinal preparations. Red Foot Products Company. 179,742; Oct. 23.
Medicinal preparations for colds and constipation. S. R. Dighton. 178,499; July 10.
Medicinal preparations for gonorrhea and syphilis. S. Glickson. 164,538; Aug. 28.
Medicinal preparations for the treatment of glandular deficiency. G. W. Carnrick Co. 173,127; Apr. 10.
Medicinal preparations, Proprietory. Cumberland Chemical Co. 170,428; May 29.
Medicinal preparations, Proprietary. Cumberland Chemical Co. 170,429; Apr. 24.
Medicinal remedy for cholera, roup, etc., in poultry and pigeons. "H. W." Company. 184,447; Dec. 18.
Medicinal seed. Lanman & Kemp, Inc. 175,874; June 26.
Medicinal tablets, face and skin lotions, etc. Kalina Company. 169,169; Mar. 6.
Medicinal tablets for diseases in fowls. W. M. Carpenter. 179,412; Sept. 18.
Medicinal tablets for use as a general tonic. G. F. Schmidt. 137,033; Mar. 6.
Medicinal tonic, General. W. C. Black. 166,632; Feb. 20.
Medicinal wafers for bronchial troubles. H. A. Whitney. 179,760; Aug. 21.
Medicine. Gastone Co. 179,266; Aug. 21.
Medicine. G. C. Sharrow. 184,105; Dec. 18.
Medicine and ingredients of medicine for tuberculosis, etc. E. J. Evans. 172,324; Apr. 24.
Medicine as an antiseptic and mouth wash. J. W. Rogers. 186,858; Nov. 13.
Medicine, Blood. R. W. Logan. 183,037; Dec. 18.
Medicine, Blood-purifying. UMA Medicine Company. 165,973; Jan. 2.
Medicine, Dry anticonstipation. Nestor Drug and Chemical Company. 174,023; Apr. 10.
Medicine for aiding digestion. R. G. Bishop. 168,195; Jan. 9.
Medicine for application to boils, carbuncles, etc., External. Mrs. M. B. Travis. 164,014; Jan. 23.
Medicine for blood, rheumatism, lumbago, and the nerves. O. H. Kyle. 166,888; Feb. 20.
Medicine for coughs, etc. G. C. O'Neil. 184,511; Dec. 4.
Medicine for cuts, burns, etc. Seyler Medicine Co. 187,544; Dec. 25.
Medicine for diseases peculiar to females. A. O. Schmidt. 178,573; Aug. 7.
Medicine for disorders of the digestive tract. Harry E. Spayde and Edward B. Raup. 176,923; Oct. 9.
Medicine for dissolving gallstones. J. E. Stavros. 185,322; Dec. 11.
Medicine for eczema, pyorrhea, and mange. E. E. Vaughan. 184,196; Dec. 18.
Medicine for general debility, nervous prostration, etc. T. Goldblum. 177,736; July 31.
Medicine for goiter swellings, etc., Proprietary. M. E. Ball. 174,606; May 29.
Medicine for headache and dizziness, etc. G. A. Pavich. 168,139–40; Jan. 2.
Medicine for headache, stomach troubles, constipation, etc. J. Megley. 164,178; Jan. 2.
Medicine for indigestion, etc. Van Wasson Medicine Co. 182,887; Dec. 18.
Medicine for indigestion, vertigo, etc. T. R. Deavy. 165,855; Apr. 24. 1923.
Medicine for kidney troubles, rheumatism, etc. D. L. Watson. 143,466; May 22.
Medicine for rheumatism and backache. L. Kaletzky. 178,344; July 17.
Medicine for rheumatism, backache, etc., and insecticides. Duncan Chemical Co. 168,518; Apr. 3.
Medicine for rheumatism, diseases of nerves, etc. G. A. Pavich. 168,138; Jan. 2.
Medicine for rheumatism, indigestion, etc. E. M. Thomas. 184,875; Dec. 18.
Medicine for sore throat, influenza, etc. W. V. Pateychuk. 173,206; Apr. 10.
Medicine for the blood and stomach. I. Paul. 167,533; Apr. 3.
Medicine for the relief of pain. J. E. Hammond. 167,916; Dec. 4.
Medicine for the skin. T. Kusaka. 180,981; Sept. 18.
Medicine for the treatment of diphtheria and membranous croup. John T. Stapleton and John Tracy Stapleton. 173,905; May 8.
Medicine for the treatment of epileptic maladies. J. Woitkevich. 180,822; Nov. 20.
Medicine for the treatment of hog cholera. Mrs. N. F. Hoffman. 178,504; July 10.
Medicine for the treatment of impotence and frigidity. E. R. Weisberg. 159,004; June 26.
Medicine for the treatment of influenza, etc. E. A. Secoy. 178,875; Aug. 14.
Medicine for the treatment of ingrowing toenails. L & W Mfg. Company. 177,445; July 10.
Medicine for the treatment of leucorrhea, ulceration of the womb, etc. C. L. Hughes. 178,041; Aug. 28.
Medicine for the treatment of stomach, etc., and an ointment. E. S. Vawter. 171,746; Feb. 20.
Medicine for the treatment of ulcerative and diseased conditions of the mouth and throat. Clarke Chemical Co. 169,283; Mar. 13.
Medicine for treating high blood pressure, etc. H. C. Fitzer. 171,160; Mar. 27.
Medicine for treatment of diseases of the internal secreting glands. Physiological Products Proprietary. 179,221; Nov. 6.
Medicine for treatment of syphilis. Parke, Davis & Company. 184,181; Nov. 27.
Medicine for treatment of tuberculosis. A. Gimenez y Moreno. 169,137; Dec. 18.
Medicine for treatment of tuberculosis, chronic coughs, colds, etc. W. C. King. 172,477; Apr. 3.
Medicine for treatment of tuberculosis of the bone, etc. F. B. Odor. 178,864; Aug. 14.
Medicine for tuberculosis, etc. S. A. D. Sziber. 180,508; Sept. 18.
Medicine for tuberculosis, Liquid. J. Margus. 164,656; Aug. 7.
Medicine for tuberculosis, pneumonia, and pleurisy. T. D. Gomi. 173,151; Apr. 17.
Medicine for use in treatment of ailments of the liver, stomach, and bowels and as a blood purifier. O. W. Dean Company. 174,958; May 15.
Medicine for whooping cough, bronchitis, tuberculosis, etc. Parke, Davis & Company. 181,612; Sept. 18.
Medicine, Goiter. Allen Remedy Company. 158,209; Mar. 6.
Medicine, Kidney and bladder. Blackburn Products Co. 166,979; Jan. 23.
Medicine known as a blood purifier and body builder. W. F. Rett. 178,284; July 17.
Medicine, Liver, kidney, and stomach. Spinks & McIlwain. 168,736; May 8.
Medicine, Nerve tonic. Macphee & Company. 179,806; Sept. 11.
Medicine, Poultry. C. J. Martin. 170,943; Aug. 7.
Medicine, Rheumatism. Blackburn Products Company. 181,473; Nov. 27.
Medicine to be used in the treatment and prophylaxis of cancer, Patent. G. Fermé. 179,465; Nov. 13.
Medicine to regulate the stomach, liver, and bowels, etc. W. Sylvester. 164,622; Mar. 20.
Medicine to relieve sore and aching backs, destroy worms, etc. L. Puehrer. 182,182; Oct. 30.
Medicine used as a calmant in antispasmodic. Societe des Produits Chimiques Speciaux Brevets Lumiere. 171,821; Mar. 20.
Medicine used for sprains, bruises, bites, etc. C. & A. Drug Co. 167,066; Oct. 23.
Medicine used in cases of inflammation, ulceration, and discharges of the urinary tract. Organ-Iron Medicine Company. 178,458; Aug. 7.
Medicine used in cases of kidney and bladder troubles, etc. Organ-Iron Medicine Company. 178,461; July 10.
Medicine used in cases of rheumatism, sciatica, etc. Organ-Iron Medicine Company. 178,460; July 10.
Medicine used in cases of stomach, liver, kidney, and bladder trouble, etc. Organ-Iron Medicine Company. 178,459; July 10.
Medicine used in the treatment of asthma, bronchitis, etc. P. Raymond. 173,532; May 15.
Medicine used in the treatment of cancer. W. E. Mitchely. 154,229; Mar. 27.
Medicine used in the treatment of diphtheria. Smiley Company. 174,342; May 15.
Medicine used in the treatment of piles and flatulency. D. Pistola. 173,298; May 1.
Medicine used in the treatment of rickets, etc. R. W. McRoberts. 180,874; Aug. 14.
Medicine, Veterinary. N. F. Fate. 168,287; Mar. 20.
Medicines. S. Bela. 165,663; Nov. 13.
Medicines and pharmaceutical preparations. Chemosan Aktiengesellschaft. 184,233; Dec. 4.
Medicines and pharmaceutical preparations. M. Kaplan. 180,125; Sept. 18.
Medicines and toilet preparations. D. Sweet. 164,776; May 8.
Medicines for disorders of the stomach, indigestion, etc. Sampico Indian Medicine Co. 181,022; Nov. 20.
Medicines for gallstones, laxative pills, etc. Ebrey Chemical Works. 180,057; Nov. 6.
Medicines for indigestion, sour stomach, etc., Proprietary. Lottman Medicine Company. 179,009; Sept. 18.
Medicines for respiratory passages. A. O. Klauser. 173,091; Aug. 21.
Medicines for treatment of dandruff and eczema. R. N. Hymer. 180,701; Aug. 21.
Medicines, Hypnotic. Henry K. Wample and Company. 174,547; May 22.
Medicines, Patent. MacLean Drug Company. 172,845; Sept. 18.
Medicines, Veterinary and poultry. J. H. Knox. 164,505; Feb. 6.
Mercury, Organic compound of. M. H. Rosoff. 178,773; Nov. 6.
Metals, Compound for the desulphurization and deoxidation of molten. W. A. Rosenberger. 172,059; Apr. 10.
Mordants for dyeing. H. A. Metz & Co. 171,941; Feb. 20.

Classified list of trade-mark titles—Continued.

Mordants for dyeing and printing. Farbenfabriken vorm. Friedr. Bayer & Co. 163,782; Jan. 2.
Moth and insect preventive. Lawler-McCormick Co. 181,899; Nov. 27.
Moth-preventive compound. W. R. Griffin. 167,720; July 17.
Motor saltz. B. R. Caswell. 175,298; July 10.
Mouth wash. S. Blanc. 175,642; May 29.
Mouth wash. H. M. Donahue. 171,908; Apr. 3.
Mouth wash. F. W. Schoonmaker Inc. 170,994; Feb. 20.
Mouth wash and a remedy for pyorrhea. Hom-Pyrrho Co. 174,626; Apr. 24.
Mouth wash and gargle, Antiseptic. Parke, Davis & Company. 174,633; May 1.
Mouth wash, Liquid. M. West. 180,036; July 31.
Mouth-wash preparation. Pyraid Products Corporation. 176,428; June 19.
Nail bleach and polish, cold cream, sachet powder, lip stick, etc. J. H. Karp. 163,886; Feb. 6.
Nail emollient or polish. V. C. B. Lambert. 170,493; Feb. 13.
Nail liquid gloss, Finger-. Kosmos Chemical Company. 160,140; May 29.
Nail polish. Henry L. Hughes Co. Inc. 173,497; Apr. 24.
Nail polish, cleaner, and tonic, Finger-. Evans Chemical Works. 175,388; May 22.
Nail polishes, paste polish, etc. L. Singer. 178,290; Sept. 11.
Naphthalene solvent for gas mains and services. Northwestern Blaugas Company. 156,593; May 15.
Nasal solution, douche therefor, and a package containing both. Rosebrand Co. 173,008; Apr. 10.
Nerve depressant. C. D. Searle and Company. 187,645; Dec. 25.
Nickel Ammonium sulphate. British America Nickel Corp'n Ltd. 143,978; July 3.
Nickel sulphate. British America Nickel Corp'n Ltd. 143,977; July 3.
Nicotine sulphate, free nicotine, and tobacco extracts. American Nicotine Company. 162,096; Aug. 14.
Nitrous oxide and medicinal oxygen. E. F. Platt. 178,770; Aug. 28.
Nose irrigation and throat gargle. Fred Baden, Inc. 185,810; Dec. 11.
Odor absorbents and adsorbents. Safety Wire Gas Globe Co. 159,294; May 29.
Odor-preventing preparation. H. P. Easton, jr. 186,358; Dec. 11.
Oil, acne and bleaching lotions, lemon cream, etc., Muscle. De Guile Laboratories Inc. 167,841; Aug. 14.
Oil, analgesic balm, castor oil, etc., Medicinal. John T. Milliken & Company. 174,093; May 29.
Oil and ointment, Facial. Salon Viennese. 178,570; July 10.
Oil and raisin juice, Emulsion of pure olive. Pickaninny Company. 182,223; Oct. 16.
Oil, Antiseptic. F. C. Hottel. 165,682; Feb. 20.
Oil capsules, Haarlem-. Stearns-Eddy Co. 169,335; Feb. 20.
Oil, Castor. Bartlett Corporation. 181,810; Nov. 6.
Oil, Castor. Bartlett Corporation. 181,811; Sept. 25.
Oil, Castor. Berry, Demoville & Co. 176,157; Aug. 7.
Oil, Chenopodium. Growers Distilling Co. 174,519; May 22.
Oil compound, Castor-. G. B. Tullidge. 177,931; Aug. 7.
Oil for medicinal purposes, White mineral. Sherwood Petroleum Company. 173,368–9; Apr. 3.
Oil in capsules, Haarlem. H. Planten & Son, Inc. 165,204; May 22.
Oil, Shampoo. Roman Inc. 182,674; Nov. 13.
Oil shampoo, Coconut-. Brock-Carlson Laboratories, Inc. 168,752; Feb. 20.
Oil, Spraying. Sun Oil Company. 180,562; Sept. 18.
Oil to prevent perspiration of the feet. K. Kosinski. 172,601; Mar. 6.
Oil, White mineral. Standard Oil Company. Incorporated in New Jersey. 170,410; Feb. 13.
Oil, Wool. Standard Oil Company. 171,665; Mar. 13.
Oils and antiseptics, Combination of healing and medicinal. H. D. Sterrick. 163,356; Sept. 18.
Oils and essences for deodorizing and purifying the air, Ethereal. Perolin Fabrikationsgesellschaft m. b. H. 146,780; Apr. 10.
Oils, castor oil aromatic, iron chincona bitters, etc., Almond and castor. Eridanea Company, Inc. 177,080; Sept. 11.
Oils, Decolorizing charcoal for use for mineral and vegetable. Verein für Chemische und Metallurgische Produktion. 167,372; Mar. 13.
Oils, Essential. Essential Oil Company. 178,030; July 10.
Oils, Essential. Morana, Incorporated. 185,129–33; Dec. 4.
Oils, face powder, complexion creams, toilet water, Toilet aromatic. T. L. Herroder. 181,990–1; Nov. 6.
Oils for hemorrhoids, cuts, bruises, etc., Vegetable. C. G. Harris, jr. 160,707; Aug. 14.
Oils for preparing silk, wool, etc., for manufacture. Neutrasol Products Corporation. 177,988; May 29.
Oils for the treatment of disorders of the throat, lungs, etc., Aromatic. H. G. Connolly. 176,952; June 12.
Oils, Medicinal. L. W. Neiswender. 154,700; Mar. 13.
Oils, Medicinal mineral. Standard Oil Company. 180,033; July 31.
Oily preparation for producing permanent waves in the human hair. Gem-Air Permanent Wave Co. 168,603; Aug. 14.
Ointment. J. Forcier. 169,898; Dec. 18.
Ointment. W. N. Hunter and Co. 177,128; June 12.
Ointment. Johnson Pharmaceutical Company. 184,167; Dec. 18.
Ointment. Lyndon Chemical Company. 174,088–9; Apr. 24.
Ointment. A. Malcuit. 184,507; Dec. 4.
Ointment. National Physicians Supply Company. 162,846; Sept. 25.
Ointment. Parke, Davis & Company. 173,903; May 8.
Ointment. Pheno-Lyptol Co. 174,635; Dec. 18.
Ointment. E. C. Woodford. 185,641; Dec. 11.
Ointment, Antiseptic and healing. Eimer & Amend. 170,569; Feb. 13.
Ointment, Antiseptic and healing. Eimer & Amend. 182,504; Nov. 13.
Ointment, Antiseptic antiphlogistic. Smith, Kline & French Co. 175,169; May 22.
Ointment, Antiseptic healing. G. Jack. 166,455; Jan. 30.
Ointment for acne and other skin diseases. Blue Bird Inc. Perfumers. 170,804; June 19.
Ointment for burns, boils, etc., Healing. E. L. Patch Company. 171,100; Feb. 13.
Ointment for burns, cuts, etc. Columbus Chemical Company. 165,745; Dec. 4.
Ointment for burns, etc. Special Products Laboratory, Inc. 140,850; May 29.
Ointment for chest colds, head colds, influenza, etc. Import Drug Specialties Co. 178,848; Aug. 14.
Ointment for croup, colds, pneumonia, bronchitis, etc. G. Holden. 167,721; Jan. 2.
Ointment for cuts, bruises, sprains, and eruptions. A. Blanchette. 174,887; June 5.
Ointment for itching scalp, itching eczema, etc. Skratch Manufacturing Co. 175,744; June 26.
Ointment for nervous itching and a general healing ointment. J. D. Brown. 174,765; July 17.
Ointment for rheumatism. J. E. Stavros. 169,936; May 1.
Ointment for rheumatism, influenza, spasmodic croup, etc. L. O. Harrah. 164,640; Jan. 2.
Ointment for sprains, sore muscles, lumbago, insect bites, etc. C. V. Forshag & Co. 183,701; Nov. 13.
Ointment for the cure and alleviation of piles, prolapse, etc. A. O. Molatch. 174,745; May 22.
Ointment for the treatment of eczema, etc. W. Andrews. 175,231; Dec. 18.
Ointment for the treatment of piles. L. J. Judson. 171,024; Feb. 20.
Ointment for the treatment of piles, fistula, constipation, etc. J. C. McCarthy. 173,840; Apr. 10.
Ointment for the treatment of ringworm, seven-year itch, etc. John J. Drake & Son. 169,671; Feb. 13.
Ointment for treatment of rheumatism, neuralgia, acute congestion, etc. L. K. Strain. 171,822; Feb. 20.
Ointment for treatment of rheumatism, sprains, etc. H. C. Fronk. 173,281; May 1.
Ointment for use on burns, itch, varicose veins, etc. J. Lagreca. 167,306; Jan. 2.
Ointment, Goiter. Dr. D. D. MacGillivray. 172,278; Apr. 17
Ointment, Healing. Hygeia Nursing Bottle Co. 160,808; Jan. 23.
Ointment, liniment, and cough sirup. F. P. Wojciehowski. 181,328; Aug. 14.
Ointment or salve. H. F. Atchley. 179,347; Nov. 13.
Ointment or salve for sunburn, scalds, etc. Western Wholesale Drug Co. 182,635; Nov. 13.
Ointment, Pile. H. C. Strahmann. 169,832; Jan. 23.
Ointment, Prophylactic. Stephen Craig Company. 176,001; June 26.
Ointment, Prophylactic. W. S. Hughes. 170,885; Feb. 13.
Ointment used for colds, headache, sore throat, etc. J. W. Oneal Chemical Co. 174,257; May 22.
Ointment used for treating eczema, hemorrhoids, etc. Klerol Laboratories, Inc. 170,021; Jan. 9.
Ointments and liniments. A. H. Hinkson. 172,593; Apr. 3.
Ointments and plasters. W. Menner. 177,311; Dec. 11.
Ointments, influenza medicine, laxative tablets, etc. M. H. Beveridge. 160,240; July 3.
Ointments or salves, Medicated. Larkin Co. 179,942; Oct. 9.
Ointments, salves, etc. National Pharmacal Company. 177,686; Aug. 28.
Oxides of cobalt, chromium, etc. Vitro Manufacturing Company. 176,234; June 12.
Oxygen and hydrogen gases. Boston Electrolytic Oxygen Company. 184,639; Dec. 18.
Oxygenated tablet used in the treatment of pulmonary diseases. W. B. Hunt, M. D. 166,230; Jan. 16.
Palliative for rheumatism, itchings, skin diseases, etc. F. Gradisar. 170,134; Feb. 20.
Palliative for venereal diseases. D. Romeo. 170,449; Mar. 6.
Pancreatic products for the treatment of diabetes. Connaught Antitoxin Laboratories, University of Toronto 168,919; Jan. 2.

Paraffin, Emulsion of liquid. Lubricant Laxatives Corporation. 185,976; Dec. 18.
Parasiticides. Farbenfabriken vorm. Friedr. Bayer & Co. 173,920–1; Apr. 10.
Paste for whitening face, neck, arms, and hands, Bleaching. Marinello Company. 181,533; Sept. 18.
Paste or flux, Soldering. C. Weaver. 183,868; Nov. 20.
Paste, Tooth. T. Miller. 177,861; July 31.
Pastes and powders and perfumery. Parfumerie Roger & Gallet. 171,866; June 5.
Pastes and powders and perfumery. Parfumerie Roger & Gallet. 174,590; June 26.
Pastes, powders, and perfumery. Parfumerie Roger & Gallet. 186,443; Dec. 18.
Pastes and powders for beautifying and preserving the teeth, skin, and hair, and perfumery. Parfumerie Roger et Gallet. 173,141; Mar. 20.
Pastils, Asthmatic. Samuel Kidder & Co. Inc. 168,974; Mar. 20.
Peptone and iodine, Solution containing. E. Galbrun. 180,855; Aug. 14.
Perfume. A. P. Babcock Co. 183,246; Nov. 13.
Perfume. C. T. Dare. 183,098; Nov. 13.
Perfume. Japanese Perfume Co. 182,660; Nov. 13.
Perfume. Marshall Field & Company. 179,523; Aug. 21.
Perfume and face powder. J. Grossmith & Son Limited. 170,979; Mar. 20.
Perfume and face powder. L. T. Piver, Inc. 187,385; Dec. 25.
Perfume and incense. Kwush-Ru Company. 169,486; Nov. 13.
Perfume, cold cream, hair oil, shampoo, etc. Roosa & Ratliff Chemical Co. 185,621; Dec. 11.
Perfume extract, talcum powder, cold cream, etc. American Witch Hazel Supply Co. 178,701; Aug. 14.
Perfume extract, toilet water, bath salt, talcum powder, etc. La Valliere Company. 169,444; Mar. 27.
Perfume extract, toilet water, cleansing and vanishing cream. United Drug Company. 170,049; Feb. 13.
Perfume extract, toilet water, face powder, etc. La Valliere Company. 173,604; May 29.
Perfume extract, toilet water, lotion, face powder, etc. L. T. Piver, Inc. 184,183; Nov. 27.
Perfume extracts, lotions, toilet waters, etc. M. Babani. 185,912; Dec. 11.
Perfume, face powder, etc. E. Daltroff & Cie. 173,881; May 29.
Perfume for driving off mosquitoes or similar insects. Geo. H. Gould & Son. 185,457; Dec. 11.
Perfume or toilet water, etc., Bottles, vials, packages, or cases containing. Harlequin Parfumerie Campagnie. 171,167; Apr. 17.
Perfume, rouges, etc. E. Daltroff & Cie. 173,877; May 29.
Perfume, talcum, sachet, and face powder. Maison Mendessolle. 183,841; Nov. 20.
Perfume, toilet water, complexion powder. Solon Palmer. 175,368; May 22.
Perfume, toilet water, etc. E. Daltroff & Cie. 173,874; May 29
Perfume, toilet water, face and talcum powders, etc. Coty, Inc. 180,107; Dec. 11.
Perfume, toilet water, face and talcum powders, etc. Houbigant, Inc. 184,910–11; Dec. 18.
Perfume, toilet water, face and talcum powders, etc. Houbigant, Inc. 187,257; Dec. 25.
Perfume, toilet water, face and talcum powders, etc. H. Rigaud. 175,025; June 5.
Perfume, toilet water, face powder, etc. J. Bossard. 170,618; Mar. 6.
Perfume, toilet water, face powder, etc. L. Cohn. 177,547; Sept. 18.
Perfume, toilet water, face powder, etc. Furst-McNess Company. 183,268; Nov. 13.
Perfume, toilet water, face powder, etc. Houbigant, Inc. 176,025; Aug. 14.
Perfume, toilet water, face powder, etc. Houbigant, Inc. 185,459–63; Dec. 11.
Perfume, toilet water, face, talcum, and sachet powders, etc. Houbigant, Inc. 177,379; July 10.
Perfume, toilet water, hair tonic, etc. Karlsruher Parfumerie- & Toiletteseifen-Fabrik F. Wolff & Sohn, G. m. b. H. 152,758; Apr. 3.
Perfume, toilet water, rouges, etc. E. Daltroff & Cie. 174,169; Apr. 24.
Perfume, toilet water, rouges, face and talcum powders, brilliantine, etc. E. Daltroff & Cie. 173,878; Aug. 7.
Perfume, toilet water, rouges, face and talcum powders, etc. E. Daltroff & Cie. 173,882; Apr. 10.
Perfume, toilet water, rouges, face and talcum powders, etc. E. Daltroff & Cie. 173,916; Apr. 10.
Perfume, toilet water, rouges, face powder, etc. E. Daltroff & Cie. 173,875; June 26.
Perfume, toilet water, rouges, face powder, etc. E. Daltroff & Cie. 173,876; Apr. 17.
Perfume, toilet water, rouges, face powder, etc. E. Daltroff & Cie. 173,880; Apr. 17.
Perfume, toilet water, sachet, cold cream, etc. Adolf D. Lindemann & Son. 181,951; Nov. 20.
Perfume, toilet water, sachet powder, etc. Wm. H. Brown & Bro. Company. 174,818; May 22.
Perfume, toilet water, sachet powder, etc. Vail Brothers. 185,063; Dec. 4.
Perfume, toilet water, sachet powder, face powder, etc. Susanne Cocraft Laboratories, Inc. 175,467–8; June 5.
Perfume, toilet water, talcum powder, cold cream, etc. Mills Brothers Company. 175,318; May 29.
Perfume, toilet water, talcum powder, cold cream, etc. Mills Brothers Company. 175,318; Sept. 25.
Perfume, toilet water, toilet powder, hair tonic, shampoo, etc. Erste Karlsruher Parfümerie- & Toiletteseifen-Fabrik, F. Wolff & Sohn Gesellschaft mit beschränkter Haftung. 173,708; Apr. 17.
Perfume, toilet waters, face powders, etc. E. Beecham. 170,362; Oct. 23.
Perfume, toilet waters, talcum and face powder, etc. Oakley & Co. 173,779; Sept. 11.
Perfumery. Pierre Lemoine Cie. 160,970; Jan. 2.
Perfumery and hair oil. Anglo Indian Drug & Chemical Co. 166,869; Aug. 14.
Perfumery, cream, lotion, rouge, etc. L. Scherk. 179,966; Sept. 11.
Perfumery extracts, toilet powders, and bath crystals. F. R. Arnold & Co. 180,166; Dec. 25.
Perfumery, scents, toilet water, hair waters, etc. F. Libisch. 170,982; June 5.
Perfumery, toilet preparations. Max Ebb Gesellschaft mit beschränkter Haftung. 166,176; July 3.
Perfumes. Agra Company. 174,762; Apr. 24.
Perfumes. John Blocki & Son, Inc. 175,062; Nov. 13.
Perfumes. Boue Soeurs. 181,171; Oct. 9.
Perfumes. Coty, Inc. 175,920; May 29.
Perfumes. Coty, Inc. 180,102; Dec. 18.
Perfumes. De Cameron, Inc. 171,155; Apr. 10.
Perfumes. De Cameron, Inc. 178,961; Aug. 14.
Perfumes. De Cameron, Inc. 178,963; Sept. 25.
Perfumes. De Cameron Inc. 178,965; Sept. 25.
Perfumes. De Cameron Inc. 178,968; Sept. 25.
Perfumes. A. Karpman. 170,390; Jan. 30.
Perfumes. A. M. Katzman Corp. 180,068; Sept. 18.
Perfumes. A. M. Katzman Corp. 180,069; Sept. 4.
Perfumes. Le Benart Import Company. 180,017; Aug. 14.
Perfumes. Leigh Chemist, Inc. 181,287; Aug. 28.
Perfumes. Leigh Chemist, Inc. 181,288; Aug. 21.
Perfumes. Lionel Trading Co. 171,333; Jan. 30.
Perfumes. G. A. Sakele. 175,373; May 15.
Perfumes. Societe Guerlain. 183,765; Nov. 13.
Perfumes. Societe Guerlain. 183,767; Nov. 13.
Perfumes. Societe Guerlain. 183,769; Dec. 18.
Perfumes. Societe Guerlain. 183,770–1; Nov. 13.
Perfumes. Societe Guerlain. 183,773–8; Nov. 13.
Perfumes. Société Worth. 182,070; Nov. 6.
Perfumes. J. C. Worth. 172,630; Aug. 7.
Perfumes. G. Yorita. 166,617; Mar. 6.
Perfumes and hair tonics. A. Sampedro. 171,138; May 22.
Perfumes and toilet waters. Colgate & Company. 179,776–9; July 31.
Perfumes and toilet waters. P. Poiret. 178,467–8; Sept. 25.
Perfumes and toilet waters. Paul Prot & Cie. 170,081; Sept. 25.
Perfumes, extracts, toilet water, rice powders, etc. M. Schoepfer. 175,524; May 15.
Perfumes, face powder, toilet water, cold cream, etc. Barr Manufacturing Corporation. 176,107; Sept. 25.
Perfumes, face powders, toilet waters, etc. Giviemme Company. 182,797; Oct. 30.
Perfumes, Liquid and powdered. Colgate & Company. 174,291; May 29.
Perfumes, Oils and materials for the production of. Polak's Frutal Works. 172,240; Apr. 10.
Perfumes, perfume powders, and toilet waters. Colgate & Company. 171,201; Mar. 27.
Perfumes, sachets, toilet waters, etc. John Wanamaker, New York. 182,321; Oct. 23.
Perfumes, toilet water, and eau de cologne. Coty, Inc. 180,100; Dec. 18.
Perfumes, toilet water, cleansing cream, etc. National Chemical Co. 179,815; Sept. 11.
Perfumes, toilet water, face and talcum powders, etc. R. de Soria. 185,961; Dec. 11.
Perfumes, toilet water, face, compact, sachet, and talcum powders, etc. Coty, Inc. 180,104; Aug. 14.
Perfumes, toilet water, face powder, etc. Coty, Inc. 180,101; Nov. 20.
Perfumes, toilet water, face powder, etc. Coty, Inc. 180,103; Dec. 18
Perfumes, toilet water, face powder, etc. Memphis Drug Company. 166,892; Dec. 18.
Perfumes, toilet water, face powder, etc. Societe Francaise des Produits de Beaute. 182,385; Oct. 16.
Perfumes, toilet water, face powders, etc. L. Philippe. 184,096; Nov. 27.
Perfumes, toilet water, face, sachet, and talcum powder, etc. Coty, Inc. 180,099; Sept. 4.
Perfumes, toilet water, sachet, etc. M. V. Anderson & Company. 180,955; Dec. 4.
Perfumes, toilet water, vanishing cream, face powder, etc. Richard Hudnut. 183,744; Nov. 13.
Perfumes, toilet waters, eau de Cologne, brilliantine, etc. Velsch & Holtz. 185,638; Dec. 11.
Perfumes, toilet waters, face and talcum powder, face lotion, etc. Paul Prot & Cie. 170,083; Feb. 13.

Perfumes, toilet waters, face and talcum powders, etc. George W. Button Corporation. 184,434; Nov. 27.
Perfumes, toilet waters, face and talcum powders, etc. Societe Anonyme Parfumerie Violet. 171,042; Feb. 20.
Perfumes, toilet waters, face and talcum powders, face lotion and cream, and rouge. Paul Prot & Cie. 170,084–5; Jan. 30.
Perfumes, toilet waters, face and talcum powders, face lotion and cream, and rouge. Paul Prot & Cie. 170,087; Jan. 30.
Perfumes, toilet waters, face and talcum powders, face lotions, etc. Paul Prot & Cie. 170,082; Feb. 27.
Perfumes, toilet waters, face cream, etc. American Druggists Syndicate. 187,371; Dec. 25.
Perfumes, toilet waters, face creams, etc. L. Cohn. 186,217; Dec. 11.
Perfumes, toilet waters, face creams, etc. G. H. Weyer. 183,181; Nov. 13.
Perfumes, toilet waters, face lotions, creams, etc. Lionel Trading Co. 174,083; May 29.
Perfumes, toilet waters, face lotions, etc. La Societe Anonyme "Parfums Gueldy." 170,938; Mar. 6.
Perfumes, toilet waters, face powder, etc. Paul Prot & Cie. 170,086; July 10.
Perfumes, toilet waters, face powders and creams, and rouge. L. Philippe. 184,095; Dec. 18.
Perfumes, toilet waters, face powders, etc. Societe Anonyme Parfumerie Violet. 178,144; July 17.
Perfumes, toilet waters, face powders, etc. Societe Anonyme Parfumerie Violet. 178,145; Dec. 18.
Perfumes, toilet waters, face powders, sachet powders, etc. F. J. de S. Coty. 169,238; June 5.
Perfumes, toilet waters, liquid and solid brilliantines, face powders, etc. Lé Benart Import Co. 170,654; Jan. 30.
Perfumes, toilet waters, powders and sachets. United Drug Company. 173,793; May 29.
Pessaries, suppositories, and a preparation of iodine. Menley & James, Limited. 177,188; Aug. 28.
Petrolatum. Standard Oil Company. 175,414; May 15.
Petroleum combined with hypophosphites, Emulsion of. R. E. O'Rear. 172,051; Apr. 10.
Petroleum emulsion. F. W. Bell. 175,334; Aug. 14.
Petroleum jelly. Standard Oil Company of New York. 178,146; July 10.
Petroleum jelly and preparations thereof. Chesebrough Manufacturing Co., Consolidated. 168,956; Jan. 30.
Petroleum jelly, hair pomade, and hair tonic, etc. Chesebrough Manufacturing Co. (Consolidated). 168,596; Mar. 6.
Pharmaceutical and biological products. I. F. Harris. 165,193; Oct. 30.
Pharmaceutical and medicinal preparations, antiseptics, germicides, etc. Shores-Mueller Company. 172,962; Mar. 13.
Pharmaceutical preparation. Chemische Fabrik vormals Sandoz. 176,880; June 12.
Pharmaceutical preparation. Chemische Fabrik vormals Sandoz. 176,882; June 12.
Pharmaceutical preparation. Phospho-Albumen Company. 174,258; Apr. 24.
Pharmaceutical preparation. Hicks & Johnson. 186,057; Dec. 18.
Pharmaceutical preparation. H. C. Thorburn. 185,193; Nov. 13.
Pharmaceutical preparation for diseases of the stomach, intestines, etc. A. Watelet. 172,455; Feb. 27.
Pharmaceutical preparation for nervous disorders and exhaustion, fatigue, etc. Hudson Pharmacal Co. 172,676; Mar. 6.
Pharmaceutical preparation for prevention and correction of vaginitis, lucorrhea, etc. E. J. O'Connor. 170,948; Feb. 13.
Pharmaceutical preparation for strengthening the genital glands. Phospho-Albumen Company. 173,005; Mar. 6.
Pharmaceutical preparation for the treatment of hyperacidity, gastritis, etc. Lafayette Pharmacal Company. 172,541; Mar. 6.
Pharmaceutical preparation used for the treatment of foot and mouth diseases and disinfectant. American Kreuger & Toll Corporation. 174,719; Aug. 7.
Pharmaceutical preparations. V. Baldacci. 171,703; June 26.
Pharmaceutical preparations. H. C. Carel. 163,859; May 15.
Pharmaceutical preparations. Chemische Fabrik "Norgine" Dr. Victor Stein. 163,139; May 8.
Pharmaceutical preparations. H. Dunwoody. 174,959; Aug. 14.
Pharmaceutical preparations. Fine Products Company. 173,822; May 8.
Pharmaceutical preparations. S. J. Malloy. 182,544; Oct. 23.
Pharmaceutical preparations. Medoc Distributing Company. 143,773; July 17.
Pharmaceutical preparations, face creams, powders, etc. M. L. Murata. 160,715; Nov. 6.
Pharmaceutical preparations for coughs, whooping cough, etc. V. Baldacci. 170,921; July 3.
Pharmaceutical preparations for promoting the growth of hair. Aktiengesellschaft für Chemische Produkte vormals H. Scheidemandel. 171,565; June 12.
Pharmaceutical preparations for the treatment of nervous diseases, etc. Phospho-Albumen Company. 173,146; Mar. 13.
Pharmaceutical preparations for use in cases of tuberculosis. N. L. Waelchli. 172,852; Apr. 24.
Pharmaceutical product used in the treatment of poisoning, burns, etc. L. A. Marsh. 170,500; Feb. 20.
Phloridzin preparation. Schlering & Glatz, Inc. 182,270; Oct. 23.
Photographic developer. Johnson & Sons. 166,834–5; Aug. 14.
Physiological nutritive salts. J. F. Beerli. 177,894; July 17.
Pile cure. Puro Products Co. 177,407; Aug. 28.
Pile remedy. A. Green. 172,039; Dec. 11.
Piles, Internal treatment of. Happy Thought Remedy Co. 175,596; Apr. 10.
Pills. F. S. Grey. 180,537; Aug. 28.
Pills. P. Ouillette. 179,675; Aug. 14.
Pills. Frasier, Thornton & Co. 152,744; Dec. 25.
Pills and tablets for regulating menstrual functions. J. Rubsam Co. 169,138; July 24.
Pills, Cod-liver-oil. Jenquins Laboratories. 178,252; July 10.
Pills for pimples, boils, etc. National Drug and Chemical Company of Canada, Limited. 168,274; Feb. 13.
Pills, headache tablets, eye balm, etc., Liver. L. Altfeld. 172,855; Apr. 17.
Pills, Kidney and bladder. Stephens-Bradley Company. 177,462; July 10.
Pills, Liver. P. M. Moomaw. 177,097; July 24.
Pipe cleaner, Paste. J. A. Sexauer Mfg. Co. 184,872; Dec. 18.
Plaster, Drawing. Red-O-Led Plaster Co. 174,799; June 26.
Plasters. Deane Plaster Co. 170,970; Dec. 18.
Plasters, Corn. Deane Plaster Co. 170,520; Jan. 9.
Plasters, Corn. J. J. Newman. 173,851; Apr. 10.
Plasters, Medicated. Authorized Wassermann Medical Corporation. 177,211; Aug. 28.
Plasters, Medicated and surgical, kidney, and medicated. Deane Plaster Co. 171,154; Aug. 7.
Plasters, Poultice. H. W. Bouck. 160,390; May 1.
Poison, Roach-exterminating. Pied Pipers of America. 166,903; Jan. 30.
Poisoned grain for killing mice, rats, moles, and gophers. J. B. Meyers. 166,460; Feb. 13.
Poisoning compound, Ant-. T. Meyer. 171,734; Mar. 20.
Poisoning fluid compound, Ant. Universal Laboratories. 171,342; Feb. 13.
Poisonous mixture for the destruction of rats and rodents. C. G. Woods, jr. 170,346; Feb. 6.
Polish, Nail. Merrimac Laboratories, Inc. 180,021; Aug. 21.
Polish, Nail. I. R. Parsons. 176,912; June 12.
Pomade for the scalp and hair. Vail Brothers. 165,048; Mar. 13.
Pomade, Hair. Bayard Chemical Company. 179,393; July 31.
Powder and cream, perfumes, toilet waters, etc., Face. C. A. Schwarze. 178,676; July 10.
Powder and paste and mouth wash, Tooth. J. O. McCall. 181,606; Sept. 18.
Powder and cold cream, Face. Nelson, Baker & Company. 180,940; Aug. 21.
Powder and cream, Face. Pompeian Mfg. Company. 186,026; Dec. 18.
Powder and paste, Tooth. Nature Products Company. 170,256; Jan. 30.
Powder and rouge, Cosmetic. A. Polansky. 177,324; Dec. 11.
Powder, Antiseptic and astringent. M. Cohen. 170,519; Feb. 13.
Powder, Antiseptic foot. P. L. Tarara. 178,072; July 17.
Powder, bath talcum, and perfume, Talcum and face. Lournay, Inc. 181,448; Nov. 27.
Powder, cold and vanishing cream, lip stick, etc., Face. P. Antle. 182,394; Dec. 4.
Powder, cold cream, eau de cologne, etc., Toilet. Société Anonyme des Laboratoires Innoxa. 181,353; Aug. 14.
Powder, cold cream, hair pomade, etc., Face. The Arroway. 179,345; Aug. 28.
Powder, cold cream, rouge, and perfume, Face. Armand Company. 183,243; Dec. 4.
Powder, Conditioning. Gilbert Bros. & Co. 183,373; Dec. 4.
Powder, Digestive and liver. Jackson Medicine Co. 171,924; Feb. 13.
Powder, Dry black chemical. Chimnee Sweep Manufacturing Company. 178,825; Aug. 28.
Powder, Face. A. Bourjois & Co. 112,292; Oct. 9.
Powder, Face. Friedrich-Friedrich Co. 184,819; Dec. 4.
Powder, Face. Hugg'me Company. 170,453; Apr. 17.
Powder, Face. Palmolive Company. 175,942; June 5.
Powder, Face. Parfums De Grand Luxe, Inc. 176,206–7; Mar. 27.
Powder, Face. L. B. Ridley. 167,327; Apr. 24.
Powder, face creams, perfume, etc., Face. C. L. Klapp. 155,696; Feb. 27.

Powder, Foot. Odex Products Company. 178,767; July 17.
Powder, Foot. W. T. Shaw. 155,709; Mar. 20.
Powder for cleansing and softening the skin. W. S. Stoner. 184,693; Dec. 18.
Powder for nursery and toilet use. Crystal Chemical Co. 178,554; July 10.
Powder, hair straightener, liniment, etc., Face. Indian Star Chemical Co. 175,356; July 24.
Powder, massage cream, vanishing cream, etc., foot-relief. Albeco Company. 176,309; Aug. 14.
Powder, nourishing cream, rouges, etc., Face. C. R. Fajans. 181,825; Nov. 6.
Powder, perfume, rouge, etc., Face. G. D. Earl. 162,729; Aug. 28.
Powder, Poultry. Colwell Drug Company. 181,012; Aug. 21.
Powder, rouge, sachet and talcum powder, etc., Face. Mills Brothers Company. 175,316; Sept. 25.
Powder, rouge, toilet creams and powder, perfumes, etc., Face. H. Karton. 168,417; Jan. 23.
Powder, Talcum. Foley & Company. 176,260; June 19.
Powder, Talcum. T. B. Lamb. 176,483; Nov. 27.
Powder, Talcum. Merck & Co. 169,980; Feb. 13.
Powder, Talcum. Remiller Co. 181,866; Sept. 25.
Powder, Talcum. Smith, Kline & French Co. 136,571; Jan. 23.
Powder, Toilet. E. Fougera & Co. 177,038; June 12.
Powder, Toilet. Eli Lilly and Company. 183,579; Nov. 13.
Powder, Toilet. Olivette Laboratories, Inc. 174,700; Apr. 24.
Powder, Toilet. M. M. Richard Vve. Grenoville. 180,370; Sept. 18.
Powder, Toilet. A. G. Smith. 180,304; July 31.
Powder, toilet rouge powder, and toilet rouge sticks, etc., Face. L. Leichner. 166,186; Aug. 7.
Powder, tooth paste, liquid antiseptics, etc., Tooth. Sanitol Chemical Laboratory Company. 180,258; Nov. 6.
Powder used as water softener. Dakota Compound Company. 172,084; Apr. 10.
Powders and creams, perfumes, etc., Face. H. J. Carman. 185,410; Dec. 11.
Powders and creams, perfumes, etc., Face. C. J. Diaz. 187,569–70; Dec. 25.
Powders and creams, perfumes, etc., Face. Heather Company. 187,420; Dec. 25.
Powders and creams, perfumes, etc., Face. Heather Company. 187,422; Dec. 25.
Powders and creams, perfumes, etc., Face. Heather Company. 187,623; Dec. 25.
Powders and creams, perfumes, etc., Face. V. Vivaudou, Inc. 174,645; May 1.
Powders and creams, perfumes, etc., Face. V. Vivaudou, Inc. 175,284–5; May 22.
Powders and creams, perfumes, rouges, etc., Face. V. D. Bennett. 163,961; May 22.
Powders and creams, perfumes, toilet waters, etc., Face. E. B. Finlayson. 169,541; Jan. 2.
Powders and creams, perfumes, toilet waters, etc., Face. W. H. Johnson. 162,929; Nov. 20.
Powders and creams, perfumes, toilet waters, etc., Face. P. E. Page. 175,941; May 29.
Powders and creams, perfumes, toilet waters, etc., Face. G. C. Spencer. 180,989; Aug. 21.
Powders and creams, perfumes, toilet waters, etc., Face. A. Winarick. 177,720; July 10.
Powders and creams, perfumes, toilet waters, rouges, etc., Face. New York French Exports, Inc. 179,879; Aug. 7.
Powders and creams, perfumes, toilet waters, rouges, etc., Face. Lightfoot Schultz Company. 172,947; Mar. 13.
Powders, and creams, perfumes, toilet waters, rouges, etc., Face. A. Winarick. 167,153; Feb. 13.
Powders and rouge, Compact. Richard Hudnut. 171,461–2; Mar. 27.
Powders and rouges, Face. Lionel Trading Co. 174,085; Apr. 24.
Powders and tablets. J. D. Lee. 174,789; June 26.
Powders, Bath. Parfumerie Pavane. 168,900; Mar. 20.
Powders, cold and vanishing creams, etc., Face and talcum. Merle Laboratories. 185,530; Dec. 11.
Powders, compacts, lip sticks, etc., Face, talcum, sachet, and toilet. American Toilet Goods Company. 166,429; Jan. 2.
Powders, creams, perfumes, toilet waters, etc. J. J. White. 177,027; June 12.
Powders, creams, perfumes, toilet waters, etc., Face Condé, Perfumer. 175,918; May 29.
Powders, creams, perfumes, toilet waters, rouge, hair tonics, etc., Face. S. Holway. 177,299; June 12.
Powders, Face. Betty Lou. 168,536; May 29.
Powders, face creams, perfumes, etc., Face and talcum. P. E. Page. 184,982; Dec. 4.
Powders, face creams, perfumes, toilet waters, etc., Face. T. L. Hogan. 167,677; Jan. 9.
Powders, Foot. C. G. Boyd. 168,629; Jan. 30.
Powders, Foot. J. D. Boyle. 168,250; Jan. 2.
Powders, Foot. J. V. Ryback. 181,781; Nov. 6.
Powders, Laxative. P. Schaupner. 175,889; May 15.
Powders, perfume, Face and talcum. Franklin Simon & Co. 160,185; Mar. 6.
Powders, Rouge and face. Frederick F. Ingram Company. 153,884; Feb. 13.
Powders, rouge, toilet water, etc., Talcum and face. A. P. Babcock Company. 180,827; Sept. 11.
Powders, rouges, Face. P. Sturges. 176,579; Aug. 7.
Powders, skin creams, etc., Face and sachet. H. C. Schaefer. 179,485; Sept. 11.
Powders, Talcum. Buddy Brooks, Inc. 162,375; Aug. 14.
Powders, Talcum. Sears, Roebuck and Co. 175,275; May 22.
Powders, Talcum. C. Tetlow. 183,422; Dec. 18.
Powders, vanishing cream, cold cream, rouge, etc., Sachet and face. Marshall Field & Company. 169,641; Feb. 6.
Preparation, Alcohol rubbing and bathing.- W. & H. Walker, Inc. 167,500; Feb. 13.
Preparation for a douche for vaginal disorders. Vincent Drug Company. 164,281; Aug. 14.
Preparation for an ointment for corns, etc., liniment, and foot lotion. G. L. Stowell. 166,793; Aug. 14.
Preparation for asthmatic paroxysms, hay asthma or nose cold, and bronchitis. L. Schuman. 180,194; Aug. 14.
Preparation for bathing and massaging. F. Bornn. 174,425; July 17.
Preparation for cancer. S. Kubota. 173,891; Aug. 21.
Preparation for canker and sore throat. C. E. Anderson. 175,292; July 31.
Preparation for cleaning and softening the skin. Century Chemist Incorporated. 167,381; Jan. 2.
Preparation for cleaning the scalp. Atlanta Barbers Supply Company. 172,502; Mar. 6.
Preparation for cleaning the teeth and mouth. C. J. Brown. 180,323; Dec. 25.
Preparation for cleansing the scalp and stimulating the growth of hair. R. Miranda. 174,906; May 15.
Preparation for coughs and colds. Pete Smith & Son. 184,991; Dec. 18.
Preparation for coughs, colds, croup, etc. D. C. Yancey. 153,531; Jan. 30.
Preparation for dandruff, eczema, and falling hair. J. G. Page. 180,294; Sept. 25.
Preparations for destroying weeds, sprays for plants, shrubs, and trees, Bordeaux mixture, etc. James Good, Inc. 166,740; Mar. 20.
Preparation for eczema, salt rheum, impetigo, etc. Nolan Co. 170,535; Feb. 20.
Preparation for eczema, tetter, and itch. Charleroi Laboratories. 155,047; Feb. 20.
Preparation for energizing circulatory and nervous systems of the human body. B. R. Charles. 181,474; Sept. 18.
Preparation for exterminating insects. Beyer-Frey Chemical Company. 182,083; Nov. 6.
Preparation for external use in the treatment of rheumatism, lumbago, etc. K. J. C. McLennan. 175,566; May 29.
Preparation for gastro-intestinal diseases. Societe Francaise de Recherches et Applications Scientifiques. 184,189; Dec. 18.
Preparation for growing hair and eradicating dandruff. I. J. Harris. 183,830; Nov. 20.
Preparation for growing hair and eradication of dandruff. G. A. Simmons. 169,829; June 19.
Preparation for hair restoring and growing. J. A. Rogers. 183,891; Dec. 18.
Preparation for hay fever and rose cold. E. M. Kraemer. 179,606; Sept. 18.
Preparation for headache, colds, etc. P. Handley. 179,148; Sept. 4.
Preparation for headache, neuralgia, colds, etc. A. W. Fingl. 166,504; Jan. 2.
Preparation for hypodermic use. Instituto Mazionale Medico Farmacologico. 171,848; Sept. 18.
Preparation for inflammation of kidney and bladder, cystitis, etc. J. R. Prochnow. 165,034; Aug. 28.
Preparation for inflammatory conditions. T. W. Stemmler. 171,575; Apr. 17.
Preparation for influenza. Mrs. L. A. Blackburn. 173,952; Apr. 10.
Preparation for internal and external use for the alleviation of pain, etc. F. H. Bryant. 170,423; Apr. 3.
Preparation for invigorating and cleaning the scalp. Falixa Laboratory. 183,026; Oct. 30.
Preparation for keeping curl in hair, Liquid. Le Roye, Ltd. 179,541; July 24.
Preparations for making blood test, Chemical. A. M. Roman. 168,803; Feb. 13.
Preparation for neuralgia and headache. Warren P. Rash Co. 177,621; July 10.
Preparation for neuralgia, neuritis, headache, and colds. Arobin Drug Company. 152,668; Jan. 2.
Preparation for pains, burns, bruises, and cancer. J. J. Martinka. 166,603; Jan. 2.
Preparation for preventing the further tearing and ripping of hosiery, Chemical. F. Heitel. 168,680; May 29.
Preparation for prevention of moths. R. S. Marshall. 170,826; Feb. 13.
Preparation for polishing and dyeing shoes and leather articles. L. F. Christman. 184,382; Nov. 27.
Preparation for purifying the air in meat-cooling rooms, refrigerators, etc., Chemical. B. Heller & Company. 171,124; Feb. 13.
Preparation for pyorrhea, abscesses, sores, cancer, and ulcers. C. N. Press. 174,637; Sept. 4.

Preparation for relief of colds, coughs, grippe, etc. J. T. Jones. 172,993; July 10.
Preparation for relieving dyspepsia, etc., Nonalcoholic. C. Linahan. 181,900; Sept. 25.
Preparation for removing calli and corns from the feet. Booth-Coahran Co. 167,796; Aug. 7.
Preparation for removing corns and calli. E. C. De Witt & Co. 178,597; July 10.
Preparation for removing freckles. M. Sullivan. 183,175; Nov. 13.
Preparation for removing rust. C. O. Gabriel & Sons. 164,161; Oct. 9.
Preparation for removing starch and sizing from textiles. H. A. Metz & Co. 180,713; Aug. 7.
Preparation for removing tartar, film, and discolorations from the teeth. W. H. and B. Waddell. 180,993; Aug. 21.
Preparation for removing wrinkles. M. Sullivan. 183,176; Nov. 13.
Preparation for repelling flies from cattle, horses, dogs, etc. B. Heller & Company. 173,045; May 15.
Preparation for repelling mosquitoes. Mentholatum Company. 172,386; May 15.
Preparation for rheumatic pain, cold in chest, etc. Big Four Chemical Products Co. 177,584; Sept. 18.
Preparation for rheumatism and pains, cuts, etc. G. Scianna. 172,688; May 1.
Preparation for rheumatism, sprains, etc. Linitane Company. 183,751; Nov. 13.
Preparation for roup, etc., for poultry. G. E. Blanchard. 179,352; Nov. 6.
Preparation for straightening hair. E. Burnham, Inc. 166,496; Jan. 2.
Preparations for straightening the hair. L. A. Fitzpatrick. 179,932; Aug. 21.
Preparation for syphilis and diseases of the skin. E. Tosse & Co. 178,577–8; Aug. 7.
Preparation for syphilis, tabes, and general paralysis. Societe Anonyme pour l'Expansion des Marques de Fabrique et de Commerce. 181,355; Sept. 18.
Preparation for the alleviation of baldness and the restoration and preservation of the hair. C. Nickels. 172,431; Mar. 27.
Preparation for the blood. Paxtonic Blood Food Co. 174,798; Oct. 30.
Preparation for the extermination of flies and mosquitoes. Joseph Triner Company. 182,627; Oct. 30.
Preparation for the hair. Aktiengesellschaft für chemische Produkte, vormals H. Scheidemandel. 171,566; July 17.
Preparation for the hair. W. M. Bright. 182,960; Nov. 13.
Preparation for the hair. R. H. Cromwell. 181,734; Nov. 6.
Preparation for the hair. Silger Laboratories. 181,869; Sept. 25.
Preparation for the hair and scalp. G. P. Haldy. 177,737; July 10.
Preparation for the prevention and treatment of obesity. Gotham Corporation. 181,887; Sept. 25.
Preparation for the prevention and treatment of sunburn. Abbott Laboratories. 179,914; July 24.
Preparation for the prevention of excessive perspiration. San-I-Sal Laboratories, Inc. 177,519; July 10.
Preparation for the relief and cure of indigestion. G. P. Maranto. 169,600; Mar. 20.
Preparation for the relief of chronic and acute neuritis. G. F. Leahy. 167,821; Jan. 30.
Preparation for the relief of colds. I. C. Glessner. 168,764; Jan. 2.
Preparation for the relief of coughs, etc. L. S. Gibson. 180,759; Sept. 11.
Preparation for the relief of dyspepsia, indigestion, etc. S. Chase. 172,513; Mar. 6.
Preparation for the relief of headache, pain, etc. Ethicus Prompt Treatment Kit, Inc. 177,729; July 10.
Preparation for the relief of piles. Stearns-Eddy Co. 169,336; Feb. 20.
Preparation for the removal of dandruff and treatment of scalp and skin diseases. T. S. Williams. 179,636; July 17.
Preparation for the treatment of acidity, indigestion, flatulence, and auto-intoxication. W. T. Green. 168,216; Feb. 20.
Preparation for the treatment of all kinds of chronic bronchitis, phthisis, etc. First Texas Chemical Manufacturing Company. 177,598; July 10.
Preparation for the treatment of asthma. C. R. Bundt. 168,997; Jan. 30.
Preparation for the treatment of cancer. M. G. Petrich. 171,187; June 26.
Preparation for the treatment of cancer. E. L. Smith. 177,203; Aug. 7.
Preparation for the treatment of catarrh. N. Lemoine. 176,084; Aug. 14.
Preparation for the treatment of cholera, coughs, colds, etc., of hogs and pigs. C. H. Ford. 184,128; Dec. 18.
Preparation for treatment of cholelithiasis and allied conditions. Parke, Davis & Company. 174,634; May 1.
Preparation for the treatment of corns. M. T. Perrotté. 181,216; Sept. 18.
Preparation for the treatment of corns, etc. Kahley Company. 176,797; Nov. 20.
Preparation for the treatment of coughs and colds. Cough King Co. 168,958; Jan. 2.
Preparation for the treatment of coughs, colds, etc. E. F. White. 172,459; Apr. 24.
Preparation for the treatment of cuts, cracks, and abrasions of the skin. H. & S. Products Co. 177,487; July 10.
Preparation for the treatment of digestive disorders. Pepsin Syrup Co. 184,148; Oct. 23.
Preparation for the treatment of diseases of the blood, stomach, etc. Fayssoux-Brown Remedy Company. 161,682; Jan. 2.
Preparation for the treatment of disorders and disturbed conditions of the female organs. Saenger Drug Company. 180,499; Nov. 6.
Preparation for the treatment of eczema and other skin diseases, burns, scalds, etc. J. T. Bramblett. 178,326; Aug. 7.
Preparation for the treatment of goiter. R. G. Kett. 162,116; Jan. 9.
Preparation for the treatment of headache, neuralgia, etc. Gilbert Bros. & Co. 182,511; Nov. 13.
Preparation for the treatment of headache, neuralgia, etc. Gilbert Bros. & Co. 183,377; Nov. 13.
Preparation for the treatment of impure blood, Liquid. M. E. Bozeman. 173,871; June 5.
Preparation for the treatment of inflamed eyes. T. W. Stemmler. 171,576; Apr. 17.
Preparation for the treatment of itch, sores, etc. Germ-O-Salv Company. 182,342; Nov. 13.
Preparation for the treatment of itching and diseased scalps, etc. H. R. Lovell & Co. 177,308; Aug. 14.
Preparation for the treatment of kidneys and liver. A. Parker. 187,384; Dec. 25.
Preparation for the treatment of kidney, bladder, and rheumatism troubles. Inabine Company. 177,001; Oct. 9.
Preparation for the treatment of piles. S. M. Erbar. 176,734; Oct. 23.
Preparation for the treatment of piles. C. F. Futrell. 178,500; July 10.
Preparation for the treatment of piles. J. Sheehan. 186,028; Dec. 18.
Preparation for the treatment of piles. M. M. Winchell Co. 180,093; Aug. 28.
Preparation for the treatment of piles. L. Wodicska. 173,616; May 8.
Preparation for the treatment of piles, Medicinal. N. Lemoine. 176,083; Aug. 14.
Preparation for the treatment of pneumonia. E. A. Morgan. 171,507; Apr. 10.
Preparation for the treatment of pyorrhea. M. E. Hisey. 181,341; Nov. 20.
Preparation for the treatment of pyorrhea. Pyro Form Laboratories. 169,083; Feb. 13.
Preparation for the treatment of pyorrhea alveolaris. Medico-Dental Specialty Co. 185,605; Dec. 11.
Preparation for the treatment of rheumatism, etc. I. Gold. 181,886; Nov. 6.
Preparation for the treatment of rheumatism, etc. Volta Co. of America, Inc. 177,255. Nov. 6.
Preparation for the treatment of rheumatism, kidney and bladder trouble, etc. H. H. Shields. 170,259; Feb. 20.
Preparation for the treatment of rheumatism, Liquid. F. Burnes. 174,426; May 8.
Preparation for the treatment of rheumatism, lumbago, etc. S. Vander Wheelen. 183,013; Dec. 11.
Preparation for the treatment of rheumatism, neuritis, gout, etc. Vita-Sulphur Company. 177,639; July 10.
Preparation for the treatment of rheumatism, paralysis, pneumonia, etc. Paxtonic Blood Food Co. 172,760; Mar. 6.
Preparation for the treatment of syphilis. G. Ferné. 179,464; Oct. 9.
Preparation for the treatment of syphilis and other spirochetal diseases. Boot's Pure Drug Co. 183,552; Nov. 13.
Preparation for the treatment of the eyes. L. A. Stinson. 172,243; Mar. 6.
Preparation for the treatment of the scalp. Jules Ferond Co. 169,581; Aug. 14.
Preparation for the treatment of the skin, Chemical. William P. Kahn Corp. 180,980; Aug. 21.
Preparation for the treatment of tonsillitis, colds, etc., Liquid. K. G. W. Laboratories. 167,048; Jan. 2.
Preparation for the treatment of tonsillitis, hoarseness, etc. J. J. Bariscillo. 175,641; May 15.
Preparation for the treatment of toothache. J. L. Case. 183,094; Nov. 13.
Preparation for the treatment of tuberculosis. J. Tramsak. 177,026; July 24.
Preparation for the treatment of tuberculosis, asthma, and hay fever. J. L. Rowsey. 165,036; Nov. 13.
Preparation for the treatment of uric-acid complaints. PhysiKurate Limited. 165,712; Jan. 2.
Preparation for the treatment of warts, corns, and callouses. Stier & Brown. 169,989; Feb. 20.
Preparation for treating diseases of the mucous membranes. Dr. J. S. Cater. 177,593; Aug. 7.
Preparation for treating headache, neuralgia, earache, etc. R. H. Gerke. 169,356; Oct. 30.
Preparation for treating scalp diseases and stimulating the growth of hair. J. P. Spake. 167,585; Jan. 9.

Preparation for treating the eyebrows and eyelashes. Ross Company. 176,764; June 12.
Preparation for treatment of dandruff, etc. A. R. Meller. 169,253; Mar. 13.
Preparation for treatment of fistula. Keetle and Keetle. 179,604; Aug. 14.
Preparation for treatment of indigestion. Dr. R. Arcularius. 175,697; Dec. 4.
Preparation for treatment of influenza. J. G. Mills. 180,339; Aug. 14.
Preparation for treatment of kidney and blood diseases. Festina Bros. 180,796; Aug. 14.
Preparation for treatment of pyorrhea. S. B. Abbott. 182,491; Oct. 23.
Preparation for treatment of pyorrhea. Lawrence Chemical Company. 183,389; Nov. 13.
Preparation for treatment of Riggs' disease, pyorrhea, etc. Heroic Gum Remedy Company. 169,246; Mar. 20.
Preparation for treatment of the bowels. J. Dutton. 182,705; Oct. 30.
Preparation for use as a preventive of rheumatism and for neutralizing uric acid. A. J. Adams. 168,910; Nov. 13.
Preparation for use as blood regeneration, etc., Neutral iron. A/S Ferrosan. 166,216; Mar. 20.
Preparation for use in effecting a permanent wave in the hair. Alexandre & Emile. 182,695; Dec. 18.
Preparation for use in internal inflammation. E. W. Knowlton. 169,977; Jan. 23.
Preparation for use in removing discoloration from the teeth. J. H. Foote. 175,856; June 26.
Preparation for use in the treatment of eczema. R. C. Garrett. 171,268; May 22.
Preparation for use in the treatment of hog cholera, etc. J. M. Bowman. 181,172; July 31.
Preparation for use in the treatment of the hair. H. L. Holt. 173,285; Mar. 27.
Preparation for use in the treatment of tuberculosis. Crenshaw & Horne. 183,820; Dec. 4.
Preparation for use in the treatment of tuberculosis, asthma, etc. J. D. McCandless. 180,873; Aug. 14.
Preparation for use in treating diphtheria, etc. L. Frasher. 182,241; Oct. 23.
Preparation for use in treating the scalp and promoting the growth of hair. J. A. Dickson. 182,405; Oct. 30.
Preparation for use in treating tonsilitis, sore throat, and for a laxative. R. B. Smith. 179,334; Sept. 25.
Preparation for use on the skin to keep the mosquitoes away, Liquid. Baltic Chemical Co. 165,341; Jan. 30.
Preparation, Infants' colic. E. B. Johnston. 164,168; Jan. 2.
Preparation intended to remove superfluous fat. Modern Pharmacal Co. 184,616; Dec. 4.
Preparation of acid reaction for preventing rust. American Chemical Paint Company. 156,955; Apr. 3.
Preparation, Stomach. F. X. Rondeau. 165,035; July 10.
Preparation to prevent annoyance by flies and vermin on live stock, Liquid. Fly-Hike Company. 176,959; June 12.
Preparation to relieve indigestion, heartburn, and gases. I. Ehrlich. 181,113; Oct. 30.
Preparation used for the destruction and eradication of lice, insects, and other vermin. J. F. Gallagher. 158,169; Aug. 7.
Preparation used for the treatment of goiter and as a prophylactic. Merck & Co. 180,076; Aug. 14.
Preparation used in the treatment of general debility, lost vitality, etc. Standard Drug Company. 176,290; June 19.
Preparation used in the treatment of kidney and bladder diseases, etc. Standard Drug Company. 176,289; June 19.
Preparations and tonic medicine. Charles H. Phillips Chemical Co. 178,466; Sept. 11.
Preparations and tonic medicines. Charles H. Phillips Chemical Co. 178,463; Sept. 11.
Preparations for germicidal, insecticidal, and deodorant purposes, etc. G. T. Wilson. 185,277; Nov. 27.
Preparations for protecting animal substances against chemicals. Actien-Gesellschaft for Anilin-Fabrikation. 170,232; Mar. 27.
Preparations for the hair. Lanoil System Ltd. 174,903; Nov. 13.
Preparations for the relief of itching, inflammation and irritation of the skin, biliousness, etc. C. G. Luther. 156,331; Sept. 11.
Preparations for the treatment of necro-bacillosis, green scours, or bowel trouble, etc. E. B. Fenton. 168,840; Feb. 13.
Preparations for the treatment of tuberculosis. Société des Produits Chimiques de L'Isle Saint-Denis. 166,579; Feb. 13.
Preparations for treatment of constipation and its symptoms. Gotham Corporation. 177,040; July 10.
Preparations for treatment of fever, polyarthritis, etc. Farbwerke vorm. Meister Lucius & Bruning. 175,079; July 3.
Preparations for treatment of la grippe, influenza, coughs, colds, etc. Sydney Ross Co. 169,985; Feb. 6.
Preparations, Insect-destroying. J. Hertz. 181,596; Sept. 18.
Preparations, Laxatives and corrective. Gotham Corporation. 173,928; Apr. 17.
Preparations used as hypnotics. Merck & Co. 167,685; Jan. 9.
Preparations used for gland invigorator treatments. O. S. Schmidt. 184,623; Dec. 4.
Preparations used for the prevention and treatment of germ diseases. General Laboratories. 181,885; Dec. 18.
Preservative for pound and trap nets. G. A. Heuer. 186,231; Dec. 11.
Prophylactics for the prevention of sexual diseases. Retailers' Manufacturing Corporation. 172,014; Apr. 10.
Proteins, pollens, urease, etc. Arlington Chemical Company. 173,587; May 8.
Purgative and laxative. B. Osman. 181,610; Nov. 6.
Purgative tea. A. W. Niedzielski. 180,384; Sept. 18.
Purgatives or laxative tablets. Sydney Ross Co. 168,903; Jan. 2.
Pyorrhea remedy. Daugherty & Jackson. 172,666; Apr. 3.
Quinine and bismuth, Double idodide of. Etablissements Poulenc frères. 173,748; June 26.
Radiator cement. A. D. Starr. 171,044; Feb. 20.
Radioactive reconstituent. A. Gazzoni & C. 11 Gerente. 173,385; July 17.
Radium. Radium Emanation Corporation. 183,890; Nov. 20.
Rat and mice poison and insecticide. A. L. Milligan. 153,764; Dec. 18.
Rat exterminator. F. E. Lagerholm. 163,586; Oct. 9.
Raw materials and essential oils for manufacturing hair tonics, etc. R. M. Froehlich. 179,529; Nov. 20.
Relief of carbuncles, tumors, etc. C. Bascelli & Bros. 173,462; Nov. 6.
Remedies for cough-producing affections and colds. Wescoe Laboratories. 182,633; Nov. 13.
Remedies for gonorrhea. A. L. Curtis. 181,981; Sept. 25.
Remedies for indigestion and dyspepsia. Cofield Laboratories, Inc. 184,324; Dec. 18.
Remedies for skin diseases, External. Amore Drug & Chemical Company. 175,977; May 29.
Remedies for tobacco habit, etc. H. J. Brown Medicine Company. 160,332; June 12.
Remedy and insecticide, Abortion. Erick Bowman Remedy Company. 166,126; Sept. 18.
Remedy, Dandruff. J. E. Curran Corporation. 165,985; Jan. 2.
Remedy for chickens, Sorehead. T. J. Knight. 158,875; May 8.
Remedy for chlorosis, malnutrition, anæmia, etc. M. J. Breitenbach Company. 164,580; Feb. 13.
Remedy for cold in head, grippe, influenza, etc. G. H. Hyland. 172,595; May 29.
Remedy for colds, grippe, and fever. Stimule Company, 170,047; Jan. 23.
Remedy for corns and bunions. N. Schlosinger. 166,854; Jan. 2.
Remedy for corns, calluses, and warts. S. Holzman. 170,818; Apr. 3.
Remedy for dandruff. Keller-Snelson Co. 168,265; Jan. 2.
Remedy for diseases in poultry. Thos. Southard Poultry Supply Co. 167,337; Apr. 10.
Remedy for diseases of the stomach, blood, etc. Jenkins Drug Company. 175,198; Dec. 4.
Remedy for dyspepsia and indigestion. Stothart's Drug Store. 183,542; Dec. 18.
Remedy for enteric disturbances. Farbenfabriken vorm. Friedr. Bayer & Co. 185,573; Dec. 11.
Remedy for expectant mothers, Herbal. H. M. Macdonald. 157,492; June 19.
Remedy for indigestion, gas, nausea, etc. Genuine Remedies Company. 169,708; Jan. 2.
Remedy for itch. L. J. Sharp. 187,646; Dec. 25.
Remedy for mixed infection, swine plague, or flu, Hog. W. P. Van Gilder, and S. E. Ward. 167,495; Feb. 13.
Remedy for piles. H. O. Brown. 182,397; Dec. 18.
Remedy for piles, cold in the chest, etc. S. Y. C. O. Co. 180,241; Sept. 25.
Remedy for seasickness, Medicinal. W. Jones & Co. 171,804; Feb. 20.
Remedy for stomach disorders and constipation. I. A. Melnick. 183,488; Nov. 13.
Remedy for the relief of coughs, colds, etc. Bristol-Myers Company. 169,526; Jan. 9.
Remedy for the treatment of goiter. Reese Chemical Company. 178,359; July 17.
Remedy for toothache and neuralgia, and remedy for corns. L. Schulze. 180,392; July 31.
Remedy for treating skin diseases and skin infections. Johnson & McGrath Laboratory. 180,010; Dec. 18.
Remedy for treatment of fainting fits, etc. Societe Francaise de Recherches et Applications Scientifiques. 184,188; Dec. 18.
Remedy for worms in dogs. Willows, Francis, Butler & Thompson, Limited. 167,113; May 29.
Remedy, Germicidal. Unruh H. P. Co. 155,940; July 10.
Remedy, Hoof-rot. A. A. Brockett. 152,831; Jan. 2.
Remedy, Pile. H. A. Pond. 179,425; Sept. 18.
Remedy, Prophylactic. Reese Chemical Co. 155,122; Apr. 10.

Remedy, Sore-throat. J. Holland. 179,407; Aug. 14.
Remedy to prevent hemorrhages. D. C. Smith. 181,417; Aug. 28.
Remedy used for seasickness, etc. Max Zeller Söhne. 177,793–4; Oct. 30.
Remedy used for the treatment of distemper in dogs. Dr. W. D. Jensen. 167,943; Apr. 10.
Remedy, Veterinary. H. C. Babbitt. 171,347; Feb. 20.
Roach-destroying composition. W. Schilplin. 177,697; July 10.
Roach-exterminating poison. W. S. Patjens. 180,773; Aug. 28.
Rodents and vermin, Preparation for exterminating. T. Meyer. 171,735; Mar. 20.
Rodents, Preparation for exterminating. T. Meyer. 171,739–40; Mar. 20.
Rouge. A. H. Arlt. 179,512; Oct. 9.
Rouge. Armand Company. 183,244; Dec. 4.
Rouge. Colgate & Company. 174,290; May 29.
Rouge. Remiller Co. 180,723; Aug. 28.
Rouge. Ross Company. 176,763; June 19.
Rouge and face powder. Marinello Company. 177,187; July 31.
Rouge and face powder. Marinello Company. 182,426; Nov. 6.
Rouge and face powder. V. Vivaudou, Inc. 170,229; Jan. 30.
Rouge and powder. F. N. Lewis. 174,469; May 22.
Rouge, cold cream, lip stick, etc. Lournay, Inc. 179,279; Nov. 6.
Rouge, Face. C. L. Forgey. 169,631; Jan. 9.
Rouge, Lip. Remiller Co. 186,292; Dec. 11.
Rouge or powder. F. N. Lewis. 177,856; June 5.
Rouge, powder, and rouge compacts, brilliantines, etc. Louis Philippe, Inc. 173,105; June 26.
Rouges, face powders, compact, etc. A. Schneider. 180,895; Oct. 23.
Rubber articles, Accelerators, fillers, pigments, etc., used in the compounding of. Rubber Service Laboratories Company. 171,469; Feb. 27.
Rubber articles, Compound used in the curing of. Rubber Service Laboratories Company. 171,470; Aug. 7.
Rubber, Chemical composition to assist vulcanizing of. Vul Ko Cene Co. 169,940; Feb. 13.
Rubber manufacturing, Dry color for use in. Ault & Wiborg Co. 167,285; Apr. 3.
Rust remover and pickling compound for metals. Peter A. Frasse & Co. 180,853; Sept. 11.
Rust remover and preventive. W. Wandel Mfg. Co. 179,573; Sept. 11.
Rust removers, rouge, etc. J. E. Smith. 175,528; Oct. 9.
Rust-solvent preparations. Halstead Specialties Company. 168,149; Jan. 23.
Sachet, tooth powder, cold cream, etc. Richard Hudnut. 186,188–91; Dec. 11.
Saline cathartic. R. J. Strasenburgh Company. 178,641; July 31.
Saline preparation for rheumatism, kidney disorders, etc. Saltrates Limited. 183,598; Dec. 4.
Salt. Bevis Rock Salt Co. 176,109–11; July 17.
Salt. Capell Salt Company. 172,974; June 26.
Salt. Ohio Salt Company. 170,593; Feb. 13.
Salt. Ohio Salt Company. 171,863; Feb. 20.
Salt. Bernard & Blanchard. 183,902; Dec. 18.
Salt. Remington Salt Company. 182,317; Oct. 16.
Salt cake. Graham, Rowe & Company. 182,375; Oct. 16
Salt compound, Granular effervescing. Physio-Chemical Laboratories, Inc. 173,672; Dec. 18.
Salt, Culinary. E. Feuillie. 173,824; May 15.
Salt. Dry chemical mixture of health. Abbey Effervescent Salt Company. 180,644–5; Dec. 18.
Salt, Dry chemical mixture or effervescent. Abbey Effervescent Salt Company. 169,695; Feb. 6.
Salt for curing meat. B. Mayer. 177,014; Aug. 28.
Salt for meat curing and general use, Medium. Carey Salt Company. 166,653; Jan. 2.
Salt, Table. Haas, Baruch & Co. 181,745; Sept. 18.
Salt, Table. International Salt Company. 181,947–8; Sept. 25.
Salts, Alkaline. Abel-Jensen Laboratories. 171,884; Apr. 24.
Salts, Bath. City of Paris Dry Goods Company. 175,917; July 31.
Salts, Bath. L. S. Thomas. 184,628; Dec. 4.
Salts, bicarbonate of soda, boric acid, borax, etc., Epsom. Fabyan & Company. 166,363; Jan. 9.
Salts, cream tartar, spirits of camphor, etc., Epsom. Worden Grocer Company. 145,375; Feb. 20.
Salts for metal heating baths. Bellis Heat Treating Company. 170,749; Feb. 13.
Salts pills, Epsom-. H. D. Kuhn. 181,999; Nov. 6.
Salve. M. E. Bidelman. 182,464; Dec. 18.
Salve. Columbus Chemical Company. 165,746; Dec. 4.
Salve. S. W. Hill and Sons. 181,119; Sept. 18.
Salve and cough drops. O. V. Gallagher. 166,227; Mar. 27.
Salve and lotion. T. Kleiner. 180,124; Sept. 18.
Salve and lotion for the skin and scalp. T. Kleiner. 180,124; Sept. 18.
Salve and mud pack and mud-pack beautifier, Mud. Asp Faysol Company. 182,372; Oct. 16.
Salve, Cancer. Harry E. Ritter & Mary V. Gordon. 176,917; July 10.
Salve, Corn. M. Brandes. 177,768; Aug. 21.
Salve, Corn. M. L. Wilson. 165,251; Apr. 10.
Salve, Corn. M. M. Winchell Co. 180,092; Sept. 11.
Salve, Corn. A. Wolfe. 176,866; Aug. 21.
Salve, Foot. L. Brown. 178,548; Nov. 6.
Salve for acute colds, etc. Sowers and Gough. 158,839; Nov. 13.
Salve for all swelling and cancer, Healing. S. Abels. 169,696; Jan. 9.
Salve for blood poison and a healing salve. R. Rogerson. 169,649; Jan. 2.
Salve for burns, scalds, and sunburn. R. Gabbola. 165,284; Jan. 2.
Salve for burns, wounds, etc. A. J. Krank Mfg. Co. 173,050; Apr. 10.
Salve for eczema, etc. Hergy Company. 175,082; June 5.
Salve for eczema, salt rheum, acne, etc. J. A. Bond. 171,061; July 10.
Salve for external use and face cream. Western Wholesale Drug Co. 171,971; Feb. 20.
Salve for itch, sores, etc. F. A. Harness. 186,128; Dec. 18.
Salve for piles. R. B. Heed. 169,810; Feb. 13.
Salve for piles, burns, and open sores. I. Rochon. 173,725; June 26.
Salve for sore and calloused feet, Healing. A. Michel. 173,521; Apr. 3.
Salve for the amelioration of soreness in fatigued human pedal extremities. International Consolidated Chemical Corporation. 166,599; Feb. 13.
Salve for the treatment of catarrh, sore throat, etc. H. E. Capdan. 169 888; Apr. 3.
Salve for the treatment of cuts, bruises, etc. C. F. Wilson. 158,068; Jan. 2.
Salve for the treatment of pneumonia, influenza, croup, asthma, and colds. H. F. Dickson. 174,768; June 5.
Salve for treating sore throat, croup, etc. Brooks Chemical Co. 176,599; June 19.
Salve, Healing. J. Féraut. 171,828; Mar. 20.
Salve, Healing. C. F. Ross. 183,454; Dec. 18.
Salve, Healing. Wicks Pharmacal Co. 175,418; Dec. 18.
Salve, Medicinal. Mentho Sulphur Company. 182,429; Oct. 30.
Salve, ointment, and liniment. J. D. King, sr. 171,928; Feb. 20.
Salve or cream for reduction of adipose tissue. H. Oppenheimer. 169,495; Feb. 13.
Salve or ointments and oils as remedial agents. E. B. Knight. 171,176; Feb. 20.
Salve or skin balm which is an antiseptic dressing. T. H. Adams. 166,970; Jan. 23.
Salve, Pile. F. E. Harrison. 178,843; Nov. 6.
Salves. A. E. Allen. 171,782; Oct. 30.
Salves. A. Zielinski. 175,905; June 19.
Salves and ointments. C. P. Dixon. 162,613; May 29.
Salves and ointments. Endazoin Company. 184,026; Nov. 27.
Salves and ointments for boils, carbuncles, etc. No-Lance Chemical Company. 175,729; May 29.
Salves and pills for piles. A. K. Condrajian. 180,328; Aug. 28.
Salves, washes, and ointments. A. A. Gasaway. 170,062; Mar. 20.
Scalp cleanser, Germicide. G. D. Tietjen. 169,459; Mar. 6.
Scenting purposes, Natural and synthetic products used for. Ungerer & Company. 184,998; Dec. 4.
Serum, Anti-hog-cholera. Anchor Serum Compar 184,053; Nov. 27.
Serum, hog-cholera virus, mixed infection bacterin for swine, etc., Clear refined anti-hog-cholera. Globe Laboratories. 163,752; May 29.
Shampoo. J. Abrams. 178,368; Oct. 9.
Shampoo. Concentrated Products Corporation. 173,323; Apr. 10.
Shampoo. Graham Bros. Soap Company. 174,573–4; May 22.
Shampoo. Hygienic Laboratories. 173,931; Apr. 10.
Shampoo. A. J. Krank Mfg. Co. 169,858; June 5.
Shampoo. S. B. Levey. 170,172; May 29.
Shampoo. A. Noll. 183,757; Nov. 13.
Shampoo. R. I. Paddon. 183,120; Nov. 13.
Shampoo. Schlintz Bros. Co. 182,724; Oct. 30.
Shampoo, Coconut-oil. Microba Antiseptic Co. 180,613; Aug. 21.
Shampoo cream. M. B. Horner. 178,613; July 17.
Shampoo powder. Evan Williams Company Limited 170,715; Mar. 6.
Shampoo preparation. Dearborn Supply Company. 177,656; July 10.
Shampoo preparation. J. C. Fuller. 165,281; Dec. 4.
Shampoo preparation. G. Pagonis. 183,312; Dec. 4.
Shampoo preparation, massage cream, preparation for treatment of the hair. O. A. Tillman. 160,643; July 31; Shampoo, scalp, and hair oils, etc. Hall, Thralls & Co. 175,555; July 10.
Shampoos. E. J. Watts. 169,659; Jan. 9.
Shampoos, hair tonic, perfume, etc. Tekna. 175,112; June 5.
Silk, Chemical preparation used to treat. Carpenter Chemical Company. 169,473; Jan. 9.

Silk, Material for bleaching and degumming. Surpass Chemical Co. 172,658; Mar. 6.
Silk softener. Taylors Silk Emulsion, Inc. 179,973; Aug. 7.
Sirup, Cough. Albers Company. 184,048; Sept. 18.
Sirup, horehound, honey, and tar sirup, blood purifier, etc., Laxative. Zinn Chemical Co. 180,731; Sept. 18.
Sirups for the relief of coughs, colds, and bronchitis. San Antonio Drug Co. 176,656; July 10.
Skin lotion. Salvaderm Co. 178,934; Aug. 14.
Skins and hides, Swelling and unhairing agents for. Rohm & Haas Aktiengesellschaft. 164,557; Jan. 2.
Snuff. A. Carmel. 183,818; Nov. 20.
Soap, Iron-rust, ink, and stain. N. C. Edwards. 177,658; Aug. 7.
Soaps and perfumes, Odoriferous products for use in the production of. Morana, Incorporated. 170,533; Feb. 13.
Soda, Caustic. United States Alkali Export Association Inc. 184,009; Dec. 18.
Soda, granulated lye, and chlorinated lime, Caustic. Hooker Electrochemical Company. 169,903; Apr. 24.
Soda, Sesquicarbonate of. Solway Process Company. 171,768; Feb. 20.
#1 Sodium hydrosulphite, #2 sodium hydrosulphite, sodium bisulphite, etc. H. D. Kampf. 181,285; Oct. 30.
Sodium potassium, bismutho tartrate in glucose-aqueous solution. Etablissements Poulenc Frères. 173,753; Oct. 30.
Sodium silicate. Philadelphia Quartz Company. 158,727; June 26.
Soldering flux. Pallady Welding & Manufacturing Company. 168,548; Feb. 13.
Soldering flux in salts, paste, and fluid forms. F. Chapman. 170,123; Mar. 20.
Solution, composition, or mixture for the removal or prevention of incrustation or corrosion in steam generators, etc. Hughes and Hancock. 178,667; Nov. 20.
Solution for clearing stopped up drain and sewer pipes. Hercules Chemical Co. 181,446; Nov. 6.
Solution for the treatment of inflamed, tender, or bleeding gums, pyorrhea, etc. J. W. Behrendt. 173,554; Apr. 3.
Soporific. Merck & Co. 177,312; July 10.
Specific, Rheumatism. J. P. Teague. 181,965; Nov. 6
Spray insecticide. International Chemical Company of America. 177,129; June 26.
Spray solutions, Tree and plant. Sulpho-Napthol Company. 181,964; Sept. 25.
Spraying trees and vegetables, Material for. Richmond Dairy Company. 176,854; Aug. 21.
Spreader to be added to sprays, Calcium-caseinate. J. F. Littovy. 161,263; Apr. 10.
Starch solvents. Takamine Laboratory, Inc. 161,285; Sept. 18.
Steel, Liquid used in heat-treating. Nypros Steel Company. 170,400; Apr. 3.
Sterilizing preparation used in surgery, Skin-. Empire Biochemical Company. 172,373; Feb. 27.
Sulphur. Kutner-Goldstein Co. 183,304; Nov. 13.
Sulphur. San Francisco Sulphur Co. 177,869–70; Dec. 18.
Sulphur. San Francisco Sulphur Co. 177,873; Dec. 18.
Sulphur. San Francisco Sulphur Co. 181,351; Sept. 11.
Sulphur. San Francisco Sulphur Co. 181,352; Aug. 28.
Sulphur. San Joaquin Grocery Co. 182,267; Oct. 23.
Sulphur compound, Pulverulent. Chemische Fabrik Marienfelde G. m. b. H. 163,737; Jan. 30.
Sulpho-chromic salts for making battery fluids. Central Scientific Company. 185,447; Dec. 11.
Suppositories. Drug Products Co. 173,999; Apr. 10.
Suppositories, Female. A. C. Schmidt. 177,698; Aug. 14.
Suppositories, Vaginal. F. A. Eliason. 178,660; Nov. 6.
Suppositories, Vaginal. J. R. Yagyu. 179,022; Aug. 28.
Suprarenal extract, Solution of. Novocol Chemical Mfg. Co. 177,319; Aug. 7.
Synthetic petrolatum and petroleum jelly. Sherwood Petroleum Company. 179,063; Aug. 14.
Tablet, Antimalarial. F. S. Duffy. 175,547; May 15.
Tablet for indigestion, ailments of the throat, etc., Medicated. Lambert Pharmacal Company. 170,770; Feb. 13.
Tablet, Liver. T. E. Smith. 181,541; Nov. 20.
Tablet, Tonic and laxative. Alpha Chemical Company. 154,468; Feb. 20.
Tablets and antiseptic preparations for the treatment of scalds, burns, etc. W. W. Herrick. 174,206; Apr. 24.
Tablets and salve for hemorrhoids. Cumberland Chemical Co. 178,167; July 10.
Tablets, Antiseptic. S. P. Ritter. 169,780; Feb. 13.
Tablets, Cold. C. R. Birchfiel. 167,377; Nov. 27.
Tablets for aiding indigestion, influenza, etc. J. G. Wallace. 181,095; Oct. 9.
Tablets for colds, coughs, headache, etc. Standard Medical Society, Inc. 166,326; June 26.
Tablets for colds, coughs, la grippe, headache, and neuralgia. Standard Medical Society, Inc. 166,326; Mar. 20.
Tablets for constipation, liver, kidneys, stomach, and bowels. J. D. Salem. 178,000–1; Aug. 21.
Tablets for headaches, colds, and grippe. Tab-Co. Company. 169,190; Feb. 13.
Tablets for nervousness, headaches, anæmia, etc. Taylor Gland Research Laboratories. 183,457; Dec. 4.
Tablets for relief of headache, neuralgia, grippe, etc. M. J. Ryan. 168,017; Jan. 23.
Tablets for relieving dyspepsia and constipation, etc. W. H. F. Tenny. 160,644; June 19.
Tablets for the relief of headache, neuralgia, colds, rheumatism, etc. M. C. Smucker. 180,900; Aug. 28.
Tablets for the treatment of colds, la grippe, and headache. J. T. Baltar. 179,258; Aug. 14.
Tablets, Gas. J. Baalmann. 169,996; Apr. 24.
Tablets, Herb. S. D. Clegg. 175,070; May 22.
Tablets, Laxative. C. G. Alley. 169,796; Feb. 13.
Tablets, lotions, silver-nitrate sticks, capsicum plasters, powders, etc. C. M. Owen. 178,277; July 24.
Tablets, Medicinal. California Alfalfa Products Company. 158,221; Apr. 3.
Tablets, Throat. H. C. Jarvis. 167,132; Jan. 9.
Tablets to be used in the treatment of heart disease, rheumatism, etc. S. Nakamura. 153,686; Mar. 13.
Tablets, Vegetable laxative. Solax Drug Company. 180,455; Sept. 4.
Talcum and face powders, face creams, etc. Benz Toilet Products, Inc. 185,198; Dec. 4.
Talcum, face powder, bath salts, etc. Richard Hudnut. 185,969; Dec. 18.
Talcum, shampoo jelly, medicinal plasters, and salve. W. M. Benedict. 170,556; Mar. 20.
Tanning animal skins, harness, etc. Preparation for. B. Heller & Company. 171,126; Feb. 13.
Tanning extracts. Tannin Corporation. 184,995; Dec. 4.
Tanning materials. Fulcra-Tan Company. 180,118; July 31.
Tea for the treatment of obesity. W. C. Boethling. 183,247; Dec. 18.
Tea, Medicinal. F. Forowicz. 183,370; Dec. 4.
Toilet articles. Ger-Le Laboratories. 176,403; Sept. 25.
Toilet articles and preparations. Continental Drug Corporation. 170,056; Feb. 6.
Toilet creams. Haubigant, Inc. 175,493; May 15.
Toilet creams and astringents. K. M. Quinlan. 180,986; Aug. 21.
Toilet lotion for chapped hands and face. M. S. Hoechstetter. 181,599; Dec. 18.
Toilet lotions. M. E. Brinckérhoff. 163,612–12⅓; Feb. 13.
Toilet powders and handkerchief extracts. Perfumerie Gal, Sociedad Anonima. 169,418; Apr. 17.
Toilet powders, toilet waters, after-shaving lotions, etc. J. B. Williams Company. 182,525; Dec. 4.
Toilet preparation. Dearborn Supply Company. 177,657; July 10.
Toilet preparation. Lowell Company. 157,375–6; Apr. 10.
Toilet preparation. Masol Chemical Co. 181,760; Sept. 18.
Toilet preparation. C. F. Wunderlich Co. 178,943; Nov. 6.
Toilet preparation for softening and whitening chapped and rough skin. Kanders Pharmacal Co. 172,882; Mar. 13.
Toilet preparation for the eyes. D. Ansehl. 183,811; Nov. 20.
Toilet preparation for the skin. F. R. Arnold & Co. 168,868; Jan. 2.
Toilet preparation for the skin. Sandra Laboratories, Inc. 182,486; Oct. 23.
Toilet preparations. Barr Manufacturing Corporation. 179,392; July 31.
Toilet preparations. George Borgfeldt & Co. 185,104; Dec. 18.
Toilet preparations. Laboratory Specialty Company. 141,229; May 15.
Toilet preparations. M. J. Langdon. 182,474; Nov. 13.
Toilet preparations. D. Mason. 157,330; Feb. 13.
Toilet preparations. P. Meyer. 167,186; Jan. 9.
Toilet preparations. E. J. O'Connor. 170,947; Mar. 20.
Toilet preparations. Perkins Products Co. 165,411; Jan. 30.
Toilet preparations. Plough Chemical Company. 186,391; Dec. 11.
Toilet preparations. E. Shely. 162,696; Apr. 3.
Toilet preparations and theatrical perfumery. L. Leichner. 181,402–6; Oct. 30.
Toilet preparations—viz, toilet clay. J. H. Martin. 171,180; Feb. 13.
Toilet water. W. J. Bush & Co. 173,170–1; Apr. 24.
Toilet waters, shampoos, hair tonics, etc. Saxon Perfume Company. 170,039; June 5.
Tonic. Proud's Portolive Co. 172,615; May 15.
Tonic. R. J. Strasenburgh Company. 173,686; Apr. 10.
Tonic. Thacher Medicine Company. 186,398; Dec. 18.
Tonic. E. G. Twombly, administratrix of the estate of Dr. James Twombly. 171,341; Apr. 24.
Tonic and regulator, Female. I. N. Stowe, M. D. 141,241; June 5.
Tonic and system renovator. P. C. Hyde. 181,893; Nov. 6.
Tonic, antiseptic tablets, and blood pills, Dog and puppy. H. B. Furgerson, M. D. 180,597; Aug. 7.
Tonic, Blood, liver, and system. R. Gaffney. 181,068; Sept. 18.

Tonic, blood purifier, and rheumatism medicine. J. G. Skeehan. 158,651; Feb. 27.
Tonic compound. Cumberland Chemical Co. 178,166; July 10.
Tonic compound for treating worms, etc., in hogs and other live stock. A. J. White. 177,459; July 31.
Tonic, Digestive. E. S. Gebhart. 174,518; May 8.
Tonic, Female general. H. S. Gilbert. 177,733; June 10.
Tonic for cats and kittens. Knox Pharmacal Company. 177,131; June 12.
Tonic for kidney and bladder derangements, Stimulating. J. N. Greene. 179,467; Sept. 11.
Tonic for the skin. Imperial Hygienic Co. 172,476; Feb. 27.
Tonic for the treatment of rheumatism, pains, etc. O. L. Roberts. 167,657; Jan. 2.
Tonic for use in the treatment of anæmia, debility, stomach derangements, etc., Medical. W. H. Mathews. 177,447; July 10.
Tonic for treating anæmia, low vitality, etc. Fontola Medicine Co. 183,912; Dec. 18.
Tonic for treating nervous debility and diseases of the nerves. Cumberland Chemical Co. 178,225; Oct. 9.
Tonic for use upon the scalp or skin. E. D. Schneider. 171,140; Apr. 3.
Tonic, General. Metropole Drug Company. 151,279; Nov. 20.
Tonic, General. J. C. Norflett. 156,290; June 26.
Tonic, General. Sudermann & Co. 159,772; Mar. 20.
Tonic, General medicinal. G. E. Burcher. 174,124; May 22.
Tonic, General medicinal. Pabst Corporation. 182,111–12; Dec. 18.
Tonic, General system. D. Sweet. 177,115; June 12.
Tonic in the treatment of the weaknesses and disorders of the female generative organs. Modern Pharmacal Co. 172,282; Apr. 10.
Tonic, Liquid. Southern Laboratories. 172,064; Mar. 27.
Tonic, Medicinal. Pabst Corporation. 182,110; Nov. 6.
Tonic, Medicinal. Wonder Medicine Company. 172,313; May 8.
Tonic medicine. Apollo Drug Company. 185,240; Dec. 18.
Tonic, Nerve. C. B. Paz. 151,019; Feb. 20.
Tonic, Nutrient. Hance Brothers & White Incorporated. 185,519; Dec. 11.
Tonic, Stomach. Universal Remedies Company. 183,426; Nov. 13.
Tonic, System. S. B. Yount. 177,809; Sept. 18.
Tonic to assist the digestion of food in the stomach. G. Code. 172,663; Apr. 3.
Tonic to be applied to the scalp and as a hair dressing. Levite Manufacturing Company. 177,679; July 31.
Tonic used in the treatment of kidney diseases, etc., Medicated health. M. A. Kimble. 176,481; Dec. 18.
Tonic, Vegetable general. J. W. Buchanan. 181,173; Aug. 21.
Tonic, Vitamine. Elkins Medicine Co. 182,143; Nov. 13.
Tonics and conditioners, Stock and poultry. Prairie Remedy Co. 146,397; Apr. 10.
Tonics and preparations. Cole Chemical Company. 175,770; June 5.
Tonics for aiding digestion, purifying the blood, etc. Modern Pharmacal Co. 164,819; Feb. 13.
Tonics for animals. Moorman Manufacturing Company. 169,316; Aug. 28.
Tonics, General. P. Schier. 133,850; Feb. 20.
Tonics, General. E. T. Wix. 166,729; Nov. 13.
Tonics, Medical. T. G. Walton Company. 185,391–2; Dec. 11.
Tonics, Medicinal. H. C. Brown. 173,589; Apr. 17.
Toothache medicine. Barnard Manufacturing Company. 173,394; Apr. 3.
Tooth paste. J. W. Covington. 173,811; Apr. 10.
Tooth paste. W. D. Gill. 176,962; June 12.
Tooth paste. Goughnour & Shields. 184,909; Dec. 18.
Tooth paste. A. L. Graham. 183,448; Dec. 4.
Tooth paste. Mar-Son Medicine Co. 183,844; Dec. 18.
Tooth paste. Wm. McDonagh & Sons. 175,669; June 26.
Tooth paste. United Retail Chemists Corporation. 149,039; Mar. 27.
Tooth paste. E. A. Warnick. 180,336; July 31.
Tooth paste. S. S. White Dental Manufacturing Company. 185,044; Dec. 4.
Tooth paste and a cream for the skin. Gilbert Bros. & Co. 183,372; Nov. 13.
Tooth paste and powder. Louis Philippe, Inc. 170,153; Jan. 30.
Tooth paste and powder, and mouth wash. O. H. v. Mayënburg. 156,996; Mar. 27.
Tooth paste and tonic for the gums. Crown Tartarex Co. 170,930; Mar. 20.
Tooth paste and tooth cleanser and a preparation for the treatment of pyorrhea. A. A. Hatfield. 167,676; Apr. 3.
Tooth paste, cold cream, talcum powder, and perfume. Julius Wile Sons & Co. 175,828; June 26.
Tooth paste, glycerin, etc. Foley & Company. 176,263; June 12.
Tooth paste, liquid dentifrice. J. R. Irwin. 176,188; June 12.
Tooth paste, mouth wash, gum massage, etc. Edral Company. 178,238; July 17.
Tooth paste, mouth wash, pyorrhea astringent, hair tonic, etc. G. R. Gilbert. 167,612; Aug. 7.
Tooth paste or dental cream. J. A. Baggett. 179,452; June 12.
Tooth paste, wash, and dentifrice. Associated Radium Chemists, Inc. 166,925; May 8.
Tooth-stain remover. Medico-Dental Specialty Co. 185,344; Dec. 18.
Treatment for coughs, sore throat, etc. Mastin & Company. 184,173; Dec. 18.
Treatment for rheumatism, kidney, liver, and bladder complaints. Mastin & Company. 184,174; Dec. 18.
Uric-acid solvent and blood purifier. American Chemical Manufacturing Co. 164,996; Oct. 9.
Vaccine, Specific. Etablissements Poulenc Frères. 173,743; Oct. 30.
Vaccine, Specific. Etablissements Poulenc frères. 173,744; June 26.
Vaccine, Specific. Etablissements Poulenc frères. 173,746–7; June 26.
Vaccine, Specific. Etablissements Poulenc frères. 173,749–50; June 26.
Vaccine, Urine. T. W. Deachman. 167,868; May 15.
Vanillin. Ungerer & Company. 182,275; Oct. 30.
Vegetable compound and system blood purifier. Wm. T. Hursh & Conn. 176,185; July 10.
Vegetable, mineral, and animal products. Lee-Strauss Co. 181,345; Aug. 28.
Vermifuge to be used in the treatment of live stock. Welch & Marker. 172,022; Apr. 10.
Vermin exterminators. M. Maillard. 184,033; Nov. 27.
Veterinary remedies. R. Bollack. 173,560; June 12.
Veterinary remedy. Farbenfabriken vorm. Friedr. Bayer & Co. 163,785–6; Jan. 2.
Vulcanization accelerators. Farbenfabriken vorm. Friedr. Bayer & Co. 173,926; Apr. 10.
Water, Battery. Bethel Springs Water Co. 180,744; Aug. 14.
Water, Lavender. J. Grossmith & Son, Limited. 170,976; Mar. 20.
Water neutralizer, scale remover, and scale preventive for boilers. P. Edwards. 182,238; Nov. 13.
Waterproofing composition for application to tennis-racket strings. California By-Products Co. 179,514; Aug. 21.
Waterproofing composition for wood, brick, etc. Barlith Company. 173,126; June 5.
Waterproofing compound for use on shingle roofs, etc. J. W. Jackson. 173,424; May 15.
Waterproofing liquid. H. Byford. 177,425; Oct. 9.
Water softener. Bowker Chemical Company. 178,706; Aug. 14.
Water-softening compound. J. J. Buczkowski. 171,571; Feb. 27.
Water-softening compound. Sierra Chemical Company. 156,721; Mar. 6.
Waving and curling preparation for the hair. G. Pagonis. 183,313; Dec. 4.
Wax, Laundry, Brun Mfg. Co. 168,201; Apr. 3.
Welding flux. Sedalia Mfg. Company. 177,523; Aug. 21.
Welding preparation. Wilson Instrument & Specialty Company. 183,429; Nov. 13.
Windows, Powder to eliminate sun glare from. A. J. Lodder. 178,561; Aug. 14.
Witch-hazel. Surgeons Specialty Company. 154,066; Feb. 20.
Wood and food preservatives, photographic chemicals, dyestuffs, etc. Tetralin-Gesellschaft mit beschränkter Haftung. 142,042; June 5.
Wood preservative and disinfectant and insecticide. C. J. Martin. 170,942; Aug. 7.
Wood preserver, Chemical substance used as a. Creolin Co. 169,847; Jan. 9.
Wrinkle remover, depilatory, deodorant, etc. H. Bizzoni. 172,412; Mar. 27.
Yeast food tonic, Prepared. Novafaex Company. 179,880; Dec. 25.
Yeast vitamine products. Northwestern Yeast Company. 177,318; July 17.
Zeolites and base-exchange water-softening agents. H. S. B. W. Cochrane Corporation. 173,888; Apr. 17.
Zinc-chloride antiseptic and deodorant for gums, sore throat, etc. R. E. Taylor. 180,907; Aug. 14.
Zinc formaldehyde, Sulphoxylate of. Rohm & Haas Company. 166,018; Jan. 12.
Zinc oxide. Grasselli Chemical Company. 163,975–6; Nov. 13.
Zinc oxide. New Jersey Zinc Company. 180,615; Aug. 7.
Zinc-oxide pads. Wizard Lightfoot Appliance Company. 178,322; July 10.

CLASS 7.

Automobile towlines. J. Ursone. 178,417; June 19.
Cables, sand lines, and cable-laid sand lines. Edwin H. Fitler Co. 185,012; Nov. 27.
Cordage. American Steel and Wire Company of New Jersey. 186,623; Dec. 25.
Cordage. Hooven & Allison Company. 154,515; Apr. 3.
Cordage. E. T. Rugg & Co. 158,835; May 15.
Cords, cable, macramé, and shade. Johnston & Co. Cable Cord, Inc. 165,628; Jan. 9.
Cords, twines, ropes, and lines. Granite Cordage Company. 179,196; Sept. 4.

Cords, twines, ropes, and lines. Granite Cordage Company. 185,578; Oct. 16.
Cords, twines, ropes, and lines. Highland Cordage Company. 177,668; May 15.
Cords, twines, ropes, and lines. Highland Cordage Company. 185,583; Oct. 23.
Cords, twines, ropes, and lines of fiber material. Granite Cordage Company. 170,682; Feb. 13.
Rope. Columbian Rope Company. 161,619; Apr. 10.
Rope. Hawkins & Tipson Ltd. 182,538; Nov. 13.
Rope. Whitlock Cordage Co. 173,265; Mar. 20.
Rope and cable hoisting. Atlantic Elevator Company. 181,051; July 10.
Rope and twine. Compania de Jarcia de Matanzas S. A. 179,135; Sept. 18.
Rope and twine. Johnson Pickett Rope Co. 164,920–1; Apr. 17.
Rope and twine. Portland Cordage Co. 184,100; Oct. 16.
Rope, cord, and twine. American Manufacturing Company. 166,547; Mar. 13.
Rope, etc., Manila and sisal. Edwin H. Fitler Co. 158,764; Oct. 30.
Rope, etc., Manila and sisal. Edwin H. Fitler Co. 158,859; Oct. 30.
Rope, Java hemp-fiber. Hooven & Allison Company. 159,868; Oct. 16.
Rope, Manila. Whitlock Cordage Co. 176,773; June 26.
Rope, sash cord, seine twines, etc., Cotton. Wm. E. Hooper & Sons Co. 168,151; May 8.
Rope, Vegetable-fiber. Whitlock Cordage Co. 182,370 Nov. 27.
Ropes, cords, and twine. New York Net & Twine Co. 168,120; Nov. 6.
Twine. Blake, Moffitt & Towne. 187,291; Dec. 25.
Twine. Orchard Paper Company. 179,053; May 29.
Twine. Portland Cordage Co. 185,187; Oct. 16.
Twine. Wortendyke Manufacturing Company. 133,073; Jan. 2.
Twine and household cord. Providence Paper Co. 173,363; Feb. 20.
Twine, Linen broom. Nitram Manufacturing Co. 187,875; Dec. 25.
Twine, rope, or cordage. M. J. Grady Company. 172,220; Feb. 13.
Twine, Wrapping. American Mills Company. 184,808; Oct. 16.
Twines for fishing nets. Stuarts & Jacks, Limited. 178,301; Nov. 13.
Twines, Harvesting and binder. Edwin H. Fitler Co. 158,765; Oct. 2.
Wire rope. John A. Roebling's Sons Co. 185,380; Oct. 23.
Wire rope. Williamsport Wire Rope Distributing Company. 167,746; Jan. 9.
Wire rope and clothesline. G. F. Wright Steel & Wire Company. 169,510; July 10.
Wire ropes. Waterbury Company. 171,674–5; Feb. 20.

CLASS 8.

Ash trays. B. J. Hoos. 186,475; Dec. 4.
Ash trays. R. E. Raney. 158,007; Mar. 27.
Cigar and cigarette cases. Marshall Field & Company. 165,366; Jan. 30.
Cigar and cigarette holders. American Briar Pipe Company. 183,685; Oct. 2.
Cigar and cigarette holders and pipe mouthpieces. D. A. Schulte, Inc. 172,358; Jan. 30.
Cigarette holders. Fedco Sales Company. 168,760; Feb. 20.
Cigarette holders. J. F. Rioux. 173,610; Mar. 27.
Cigarette paper. R. J. Reynolds Tobacco Company. 181,349; July 24.
Cigarette paper. N. S. Stephenson. 184,771; Oct. 16.
Cigarette papers, Prepared. L. Guidici, 180,474; July 31.
Humidors, Cigar and cigarette. G. Karp. 173,088; Feb. 27.
Matches. Osakeyhtio Savo, Ltd. 187,481–3; Dec. 4.
Paper, Cigarette. E. M. Brenchley. 176,445; Apr. 10
Paper, Cigarette. Sobrinos de R. Abad Santonja. 151,334; Mar. 13.
Paper for use in making cigarettes. Robert Fletcher & Son Limited. 173,413–5; May 8.
Paper treated, etc., for making cigarettes. Robert Fletcher & Son, Limited. 173,412; May 1.
Perfume extracts, face powder, cleansing cream, etc., Essence of. A. M. Samson. 180,342; Nov. 27.
Pipe racks. H. Lubin. 183,074; Aug. 28.
Pipes. Barkmahn Company. 174,602; May 22.
Pipes and cigar holders. C. H. Longbottom. 179,612; Nov. 13.
Pipes and pipe parts. General Bakelite Company. 175,601; Apr. 24.
Pipes, cigar and cigarette holders. E. Ropp. 180,498; Nov. 13.
Pipes, cigar and cigarette holders, and tobacco pouches. Alfred Dunhill of London, Inc. 179,263; July 10.
Pipes, cigar and cigarette holders, and tobacco pouches. Alfred Dunhill of London, Inc. 179,265; Oct. 23.
Pipes, cigar and cigarette holders, cases, boxes, etc. Gorham Manufacturing Company. 152,246; Sept. 25.
Pipes, Smokers'. M M Importing Co. 171,705; Jan. 30.
Pipes, Tobacco. Delacour Bros. Ltd. 176,723–8; Apr. 24.
Pipes, Tobacco. Delacour Bros., Ltd. 177,429; May 15.
Pipes, Tobacco. Delacour Brothers, Ltd. 178,377–8; May 15.
Pipes, Tobacco. F. W. Mody. 179,160; Oct. 23.
Pipes, Tobacco-smoking. Hirschl & Bendheim. 171,694;
Trays, match-box holders, Ash. Feldt Manufacturing Company. 171,532; Jan. 30.

CLASS 9.

Dynamite. Illinois Powder Mfg. Co. 172,095; Apr. 10.
Explosives. General Explosives Company. 148,383; May 15.
Fireworks. National Fireworks Manufacturing Company. 158,942; Apr. 10.
Gun and rifle cases, revolver and pistol holders, and belts. Williamsport Leather Goods Company. 168,396; Mar. 20.
Guns, Recoil pads for. Jostam Mfg. Co. 182,515; Aug. 28.
Matches. Diamond Match Company. 158,822–3; Apr. 17.
Matches. Diamond Match Company. 177,075–8; Apr. 17.
Matches. Diamond Match Company. 178,896–909; May 22.
Matches. Diamond Match Company. 178,912–13; May 12.
Matches. Diamond Match Company. 178,914; Aug. 14.
Matches. Jonkoping och Tandsticksfabriksaktiebolag. 140,463; Aug. 28.
Matches. Jonkoping och Vulcans Tandsticksfabriksaktiebolag. 140,435; Aug. 28.
Matches. Jonkoping och Vulcans Tandsticksfabriksaktiebolag. 140,437; Sept. 4.
Matches. Jonkoping och Vulcans Tandsticksfabriksaktiebolag. 140,439; Sept. 4.
Matches. Jonkoping och Vulcans Tandsticksfabriksaktiebolag. 140,444; Sept. 4.
Matches. Jonkoping och Vulcans Tandsticksfabriksaktiebolag. 140,446–7; Sept. 4.
Matches. Jonkoping och Vulcans Tandsticksfabriksaktiebolag. 140,449–50; Sept. 4.
Matches. Jonkoping och Vulcans Tandsticksfabriksaktiebolag. 140,452–4; Sept. 4.
Matches. Jonkoping och Vulcans Tandsticksfabriksaktiebolag. 140,455; Aug. 28.
Matches. Jonkoping och Vulcans Tandsticksfabriksaktiebolag. 140,456–8; Sept. 4.
Matches. Jönköpings och Vulcans Tandstickfabriksaktiebolag. 179,273; Aug. 7.
Matches. Mitsui Bussan Kaisha, Ltd. 156,001–1; May 8.
Matches. Mitsui Bussan Kaisha, Ltd. 156,095; May 15.
Matches. Nippon Match M'f'g. Co. 158,488; Mar. 6.
Matches. Osakeyhtio Birger Halman, Ltd. 182,927; Oct. 9.
Matches. Osakeyhtio Savo, Ltd. 171,864; Aug. 14.
Matches. Standard Match Co. 171,045; Feb. 20.
Matches. Book. World Match Corporation. 170,321; Jan. 30.
Paper, Blasting. Keith, Simmons & Co. 172,994; Mar. 20.
Rifles, Sporting. J. Stevens Arms Company. 159,186–8; June 19.
Shells, Shot. Western Cartridge Company. 163,285; Apr. 3, 1923.
Shotguns. J. Stevens Arms Company. 159,189; July 17.
Shotguns and parts thereof. J. L. Galef. 159,864; Mar. 13.
Shotguns and parts thereof. J. L. Galef. 162,876; Jan. 30.
Signal fusees. F. L. Wanklyn. 178,785; Aug. 28.
Wells, Explosive used largely in shooting oil. Chesney Explosive Company. 172,371; Feb. 20.

CLASS 10.

Fertilizer. American Agricultural Chemical Company. 176,868; Apr. 17.
Fertilizer. Central Chemical Company. 171,526; Mar. 13.
Fertilizer. George C. Jones Incorporated. 180,704; July 10.
Fertilizer. Westlake Chemical Co., Inc. 182,240; Sept. 4.
Fertilizer, Commercial. Armour Fertilizer Works. 174,952; Mar. 27.
Fertilizers. Krippendorf-Tuttle White Cliffs Products Co. 177,744; June 19.
Fertilizers. Nitrate Agencies Company. 180,486; July 10.
Fertilizers. Rogers & Hubbard Company. 166,713; Apr. 3.
Fertilizers. U. S. Industrial Chemical Co. 141,284; Sept. 4.
Fertilizers. C. A. B. Zook. 184,884; Oct. 16.
Fertilizers. C. A. B. Zook. 184,886; Oct. 16.
Fertilizers and lime for fertilizers. Lancaster Bone Fertilizer Co. Inc. 178,260; May 15.
Fertilizers, Liquid. H. J. Taubert. 183,807; Nov. 6.
Gas-generating means. S. P. Wetherill, jr. 170,848; Apr. 17.
Lime for agricultural purposes, Hydrated. Kelley Island Lime and Transport Company. 181,128; Nov. 20.

Classified list of trade-mark titles—Continued.

Phosphate, general mixed fertilizers, etc., Potassium. Industrial Chemical & Fertilizer Company. 173,831; Feb. 13.
Plant food. T. W. Wood & Sons. 172,251; Feb. 20.
Plaster, Land. United States Gypsum Company. 167,588; Oct. 30.
Sulphur. San Francisco Sulphur Co. 134,438; Feb. 20.
Tankage and fertilizer. S. Rauh & Sons Fertilizer Company. 184,761; Nov. 20.
Tankage and fertilizer. S. Rauh & Sons Fertilizer Company. 184,762; Nov. 27.

CLASS 11.

Colors and marbling sizes, Ruling, edge, and marbling. H. Behlen & Bro. 185,285; Dec. 11.
Ink and fluid, Writing. Guild Products Corporation. 165,545; Mar. 6.
Ink and ink powders, ink capsules and tablets. B. Jablonower. 180,478; Oct. 9.
Ink, Concentrated writing. Standard Ink Mfg. Co. 181,871; Nov. 20.
Ink for stenciling, Waterproof. E. Enzler. 170,813; Feb. 20
Ink, Printing. Geo. H. Morrill Co. 156,499; July 10.
Ink, typewriter ribbons, carbon paper, etc., Writing. Deemer & Company. 171,206; June 19.
Ink, Writing. Dello Ink Corp. 178,658–9; Aug. 21.
Inked ribbons. Columbia Carbon Company. 185,006; Oct. 30.
Inks. Barnängens Teckn. Fabrikers A. B. 172,720; Mar. 27.
Inks. Barnängens Teckn. Fabrikers A. Bolag. 172,722; Mar. 27.
Inks, blacks, etc. Sigmund Ullman Company. 156,473; July 24.
Inks, Printing. Commonwealth Color & Chemical Co. 179,357; July 24.
Inks, Printing. Jaenecke-Ault Company. 168,135; Apr. 24.
Inks, Printing. Jaenecke-Ault Company. 176,740–1; May 15.
Inks, Printing. Queen City Printing Ink Company. 177,619; May 15.
Inks, Printing. Queen City Printing Ink Company. 177,865–6; May 15.
Inks, Printing. Lewis Roberts, Inc. 189,629; July 24.
Inks, Stencil. R. E. Beckert. 183,134; Dec. 11.
Inks, Writing. V. A. Gleich. 175,784; June 26.
Inks, Writing. C. G. Hickok. 175,312; Aug. 21.
Paper and typewriter ribbons, Carbon. Buckeye Ribbon & Carbon Co. 172,080; Apr. 24.
Paper, Carbon. Kee Lox Manufacturing Company. 153,297; May 8.
Paper, Carbon. Kee Lox Manufacturing Company. 177,384; May 15.
Paper, Carbon. C. R. Leonard. 179,007; Oct. 9.
Paper, typewriter, and multigraph ribbon, Carbon. W. J. Johnson. 171,221; Apr. 24.
Paper, typewriter ribbons, etc., Carbon. H. M. Storms Company. 154,850; May 29.
Rubber-stamp pads and pad inks. E. Baumgarten. 167,223; Nov. 20.
Stamping leaf for use on hot press. R. W. Grauert. 176,340; Oct. 9.
Typewriter ribbons. Blackbird Factories, Inc. 146,950; Apr. 24.
Typewriter ribbons and carbon paper. Columbia Ribbon & Carbon Mfg. Co. 172,320; Feb. 20.

CLASS 12.

Asphalt. Hepburn Company. 183,651; Oct. 30.
Asphalt. Kentucky Rock Asphalt Co. 178,047; May 29.
Asphalt. Kentucky Rock Asphalt Company. 183,387; Nov. 27.
Asphalt. United States Asphalt Refining Company. 183,425; Nov. 20.
Asphalt and paving filler. Standard Oil Company. 171,663; Mar. 27.
Asphalt and paving materials containing asphalt. Barber Asphalt Paving Company. 163,965; July 3.
Asphalt, asphalt cement, road asphalt, and paving-block filler. Barber Asphalt Paving Company. 168,444; Feb. 20.
Asphalt, Rock. Continental Rock Asphalt Company. 173,178; Dec. 11.
Bituminous compositions. Richardson Company. 167,017; Mar. 27.
Brick. Simons Brick Company. 184,426; Nov. 27.
Brick. Stevens Brothers and Company. 174,705; Mar. 27.
Brick and tile. Acme Brick Company. 169,666; Feb. 20.
Brick, Fire. Evens & Howard Fire Brick Co. 179,995; Oct. 23.
Brick, Fire and other. American Arch Company. 158,967; July 17.
Brick, fire-brick cement, fire clay, and tile, Fire. A. P. Green Fire Brick Co. 173,486–9; May 1.
Brick, fire clay, etc. Pacific Clay Products Co. 165,714; Jan. 30.
Bricks. F. Graham Williams Brick Co. 169,044; Nov. 20.
Bricks. Sumter Brick Works. 179,629; Aug. 7.
Bricks. United States Refractories Co. 177,254; June 5.
Bricks and roofing tile, Building. N. Esperson. 171,586; July 3.
Bricks and roofing tile, Building. N. Esperson. 171,587; Aug. 28.
Bricks and special shapes of clay, tile, and brick, Refractory. American Refractories Company. 169,046–7; Feb. 27.
Building materials. St. Anonyme du Fibrociment et des Revetements Elo. 159,539; May 1.
Building materials. Ste. Anme du Fibrociment et des Revetements Elo. 159,540; May 22.
Building materials, Liquid integral used in mixing. Adensite Co. 180,317; Aug. 7.
Building specialties, Metal. Donley Brothers Co. 154,491; Mar. 13.
Building stone, limestone, lime, cement, etc. J. J. Briggs. 176,665; Oct. 23.
Buildings and metal for doors and locks, Metal material for portable. L. S. Frost. 177,665; June 12.
Calcined gypsum, plaster of Paris, wall plaster, gauging plaster. United States Gypsum Company. 159,633; Jan. 30.
Cedar products, Tennessee red-. Chickamauga Cedar Co. 183,095; Oct. 23.
Ceilings and side walls, pressed-brick siding, V-crimped roofing, etc., Metal. Olsen & Marggraf, Inc. 169,922; Feb. 27.
Cement, Acid-resisting. Quigley Furnace Specialties Company. 187,536; Dec. 25.
Cement and concrete blocks, bricks, and building units. R. E. White. 178,200; July 17.
Cement and other petrescent materials, magnesite flooring, and artificial blocks. H. P. Page. 183,491; Oct. 30.
Cement, Asbestos. Smith & Kanzler. 181,047; Aug. 7.
Cement, Composition for use in hardening. Sullivan Company. 173,305; Mar. 27.
Cement, Fire-resistance. Jointless Fire-Brick Co. 181,568; Sept. 4.
Cement, Glazing. McCallum Company. 186,918; Dec. 25.
Cement, High-temperature. Wahl Refractory Products Co. 183,014; Oct. 23.
Cement, High-temperature. Western Materials Company. 179,249; Sept. 4.
Cement in laying up fire brick and kindred uses, Furnace. S. Obermayer Co. 184,094; Nov. 20.
Cement packing for joints. Polygon Products Co. 177,514; May 29.
Cement, Plastic or semiplastic. James B. Sipe & Co. 175,218; May 22.
Cement, Portland. Nebraska Cement Company. 177,687; June 12.
Cement, Portland. Security Cement & Lime Co. 165,761; Jan. 9.
Cement, Portland. Security Cement & Lime Co. 165,762; Feb. 13.
Cement, Portland. United States Portland Cement Company. 178,642; June 5.
Cement products. Paragon Cement Products Co. 180,809; Oct. 23.
Cement, Roof. H. Ruben. 178,409; Aug. 7.
Cement, Roofing. L. F. Guerre. 170,136; Jan. 9.
Cement, Roofing. Pioneer Manufacturing Company. 141,870; Feb. 6.
Cement stucco finish, Prepared Portland. A. J. Cook & Co. 183,555; Oct. 30.
Cement stucco mixtures, Portland-. W. H. Platner. 170,786; Dec. 4.
Cement, Waterproofing compound for. Torbay & Dart Paint Co. Limited. 169,692; June 19.
Cements. Lava Crucible Company of Pittsburgh. 162,119; Mar. 27.
Cements and protective plaster coatings, Refractory. Furnaseal Mfg. Co. 179,405; Sept. 4.
Cements, Plastic. Adams & Jewell. 184,951; Dec. 25.
Ceramic products for building purposes, face brick, terra cotta, etc. Ceramic Products Corp. 169,967; Mar. 13.
Channels and L channels for use in building construction. United Alloy Steel Corporation. 154,893; Sept. 4.
Coal tar and roofing. Metropolitan Roofing Material Co. 165,555; Mar. 27.
Composition structures and molded composition building tile, Molded. Magnete Corporations Company. 170,497; Feb. 6.
Concrete construction, Floor clips for fastening wooden floors or the like to a. Bull Dog Floor Clip Company. 160,480; Apr. 24.
Concrete hardener and accelerator. Semet-Solvay Company. 173,250; Mar. 27.
Concrete tiles and molds. A. J. Rowley. 167,925; Dec. 18.
Construction materials for stone veneer for walls, building blocks, bricks, etc. J. W. Newman. 168,330; Mar. 13.
Corner beads, metal bases, metal door casings, etc. Knapp Brothers Manufacturing Company. 174,082; June 5.
Culinary utensils, Aluminum. L. C. Jones. 169,707; May 22.

Doors. Morgan Company. 165,404; Jan. 9.
Doors and sashes. Memphis Sash & Door Co. 181,136; Aug. 21.
Doors, moldings, veneered panels, plywood, etc., Fir. Wheeler, Osgood Company. 182,027; Sept. 4.
Drain boards and mantels, etc., Composition. H. Leffler. 186,016; Dec. 25.
Eaves trough and eaves-trough drops, ends, etc. Milwaukee Corrugating Company. 137,326; Nov. 20.
Felt building paper, deadening felt, etc., Asphalt-saturated roofing. Baker, Hamilton and Pacific Company. 170,353; Aug. 7.
Felt, Roofing and sheathing. Barrett Company. 160,992; Feb. 27.
Fiber board. M. Chew. 163,324; Feb. 13.
Fire brick. Stevens Brothers and Company. 174,706; Mar. 27.
Fire brick, high-temperature cements, fire-clay tile, etc. Smith-Beal Fire Brick Co. 170,904; Apr. 24.
Fire-clay goods. Gartcraig Fire Clay Company. 166,550; Jan. 9.
Fire hydrants, indicator posts, gate valves, etc. Kennedy Valve Mfg. Co. 156,088–9; Mar. 22.
Fireproof non-heat-conducting materials. Johns-Manville, Incorporated. 177,786; June 5.
Flooring, etc., Hardwood. L. D. Leach & Company. 174,017–18; Mar. 27.
Flooring, Wood. Albemarle Mills Company. 173,312; Mar. 27.
Floors and pavements, coating, mastics, etc., for same. Jennison-Wright Co. 131,736; July 17.
Furnace mortar. Keystone Refractories Company. 184,913; Dec. 4.
Ganister. Keystone Refractories Company. 184,944; Dec. 11.
Garages. P. A. Roberts Construction Co. 180,619; Aug. 21.
Garages, Portable metallic. J. A. Baldwin. 166,341; Jan. 30.
Gratings for floorings and staircases, Metal. Irving Iron Works Company. 173,499; Mar. 27.
Gypsum, stucco, and wall plaster, Calcined. United States Gypsum Company. 176,862; May 29.
Gypsum, stucco, and wall plasters, Calcined. United States Gypsum Company. 176,863; Aug. 7.
Insulating material. Wood Conversion Company. 167,790; Jan. 9.
Insulating material, Felt. American Hair Felt Company. 174,354–5; Mar. 27.
Insulating material for walls, box cars, etc. Califelt Insulation Mfg. Co. 187,710; Dec. 25.
Insulating materials, etc., Pipe and boiler. Murdoff-Spicer Manufacturing Company. 178,057; Dec. 4.
Lath and corner beads, Metal. Expanded Metal Engineering Company. 149,741; Jan. 30.
Lathing, Sheet. Sheet Lathing Corporation. 171,962; Mar. 27.
Laths and lumber. Bolcom Canal Lumber Co. 176,012; May 29.
Lime. Brewer & Company. 175,129; May 8.
Lime. Kimbalton Lime Company. 170,822; Apr. 17.
Lime. National Lime & Stone Company. 170,207; Jan. 30.
Lime. National Mortar and Supply Company of Pittsburg. 173,102; Mar. 27.
Lime. Rockcastle Cement & Lime Company. 179,113; Aug. 21.
Lime, Ground and hydrated. Security Cement & Lime Co. 165,760; July 3.
Lime, Hydrated. Marblehead Lime Company. 185,604; Dec. 25.
Limestone, chalk whiting, chalk, asphalt filler, and whiting. Krippendorf-Tuttle White Cliffs Products Co. 176,482; July 3.
Lining, bricks, cements, and furnace bottom grains, etc., Refractory. Vitrefrax Company. 170,417; May 8.
Lining, mastic fire walls, cements, etc., Refractory. Vitrefrax Company, Inc. 170,414–15; May 8.
Liquid for use with concrete and cement mixtures. Anti-Hydro Waterproofing Company. 174,423; Mar. 27.
Lumber. J. H. Burton & Sons Co. 173,400; Apr. 3.
Lumber. W. L. Kann. 174,661; June 26.
Lumber. National Lumber Manufacturers Association. 174,478–9; Apr. 17.
Lumber. Geo. M. Spiegle & Co. 172,018; May 1.
Lumber and veneers. Delta Export Lumber Corporation. 171,207–8; May 22.
Lumber and veneers. Delta Export Lumber Corporation. 178,498; May 29.
Lumber, cement, doors, laths, shingles, etc. Delta Lumber Company. 172,864; Mar. 27.
Lumber, laths, mouldings, sidings. Pelican Bay Lumber Company. 180,078; Sept. 4.
Lumber, laths, moldings, sidings. Pelican Bay Lumber Company. 180,079; Oct. 23.
Luting composition. F. R. Schulr. 183,859; Nov. 20.
Metal rods, etc., for reenforcing concrete, metallic lathing and studding, etc. Corrugated Bar Company. 148,647; Aug. 14.
Material, Composite. Continental Fibre Company. 174,230; July [illegible].
Mineral aggregate as ingredients for road surfacing, pavements, floors, etc. Copperstone Products Co. 177,277; June 5.
Paper, Insulating. Barrett Company. 173,345; Apr. 3.
Paper, Roofing. A. R. Stansbury, Inc. 172,128; Mar. 27.
Paper, sheathing, etc., Building. Schmidt & Ault Paper Co. 183,503; Oct. 30.
Paper, Sheathing, waterproof building, roofing, etc. Highland Lake Paper Company. 178,610; May 22.
Paper, tar felt, and asphalt shingles, Sheathing, etc. Highland Lake Paper Company. 178,611; July 17.
Partitions in buildings, for doors, wardrobes, and the like, Wood rolling. J. W. Monroe. 166,705; Apr. 17.
Pavements and floors and materials therefor. Jennison-Wright Co. 131,735; July 17.
Pipe coating, acidproof tank lining, etc. Standard Asphalt & Refining Company. 131,987; Sept. 4.
Pipe covering. Johns-Manville, Incorporated. 183,155; Sept. 18.
Pipe covering, prepared asbestos roofing, asbestos paper, and millboard. Johns-Manville Incorporated. 170,025; Jan. 9.
Pipe, tile water pipe, tile conduit pipe, etc., Vitrified salt-glazed sewer. Pacific Clay Products Co. 165,715; Jan. 30.
Pipes and conduits, columns, etc. Clay, tile, and terra-cotta. "Prodor" Fabrique de Produits Organiques S. A. 171,954; Oct. 23.
Plaster. Iowana Gypsum Products Co. 154,603; Feb. 6.
Plaster. Paul Mende Inc. 175,433; June 12.
Plaster. Plymouth Gypsum Co. 153,617; Jan. 9.
Plaster. Universal Gypsum Company. 184,572; Dec. 18.
Plaster base and sheathing. Mid-West Box Company. 168,777; Jan. 9.
Plaster board and plaster wall board. United States Gypsum Company. 177,804; May 29.
Plaster for use in forming a vulcanizing pad. Murdock Vulcanizing Co. 171,181; May 1.
Plasterlike composition for a surfacing for floors, walls, roofs, etc. E. N. Biegler Manufacturing Co. 180,412; Aug. 7.
Plasters, Calcined gypsum wall. United States Gypsum Company. 176,514; June 5.
Plastic roofing compound, slate-surface shingles, etc. Asbestos, Limited. 177,263; June 12.
Ply wood, veneer, sawed timber. Venesta Limited. 180,912; Aug. 7.
Preparation used for concrete and metal tank lining, Liquid. Pro-Tar Manufacturing Company. 185,041; Dec. 4.
Preparations to be incorporated with mortar, cement, etc., for the purpose of coloring, hardening, etc., the setting. Master Builders Company. 170,148; July 3.
Refractory cements. E. J. Lavino and Company. 170,029; June 5.
Refractory linings for forges, smelters, etc., Refractory bricks, cements, etc. Vitrefrax Company. 170,416; July 17.
Roof coating, Semiliquid asbestos. Durable Products Company. 175,190; Aug. 7.
Roof-edging device. F. W. Hennessy. 174,834; May 1.
Roofing and building paper, tar in plastic form, waterproofing cement, etc. Denver Gas and Electric Light Company. 119,973; Oct. 23.
Roofing, Asphalt. J. W. Moore. 170,397–8; Jan. 9.
Roofing, Asphalt mineral surfaced. Continental Roofing & Manufacturing Co. 180,050; Sept. 4.
Roofing compounds and composition roofing material. Interstate Paint & Supplies Co. 172,838; May 22.
Roofing, Green mineral surfaced, Continental Roofing & Manufacturing Co. 180,049; Sept. 4.
Roofing material. Continental Roofing & Manufacturing Co. 180,051; Sept. 4.
Roofing material. Continental Roofing & Manufacturing Co. 180,052; Nov. 13.
Roofing materials. S. F. Frazer. 171,417; June 12.
Roofing materials. Oertel Roofing Manufacturing Company. 162,442; July 17.
Roofing materials, composition flooring, stucco, artificial stone. Mineral Products, Inc. 180,382; Oct. 23.
Roofing, Prepared. Federal Asbestos Co. 148,991; Jan. 2.
Roofing, Rag fiber and asphalt. Oertel Roofing Manufacturing Company. 160,149; Aug. 7.
Roofing, Ready felt. Barrett Company. 168,508; July 17.
Roofing, slate surfaced and talc surfaced, Asphalt. Mooney, Douglas & Pearson. 172,486; June 5.
Roofings, Composition roll and shingle. M. H. Womack. 164,985; Jan. 30.
Roofings, roofing and building papers, etc., Prepared. Montgomery Ward & Co. 183,079; Sept. 4.
Roofings, shingles, and strip shingles, Bituminized. Ruberoid Co. 182,721; Sept. 4.
Roofs, Composition for coating. Paraffine Companies. 161,450; Oct. 23.
Rubber tiling. Fellsway Rubber Co. 178,338; May 29.
Sewer pipe and tile, except metal and porcelain. Tropico Potteries, Inc. 169,097; Jan. 30.
Sheet-metal products, corner irons, etc. Dunco Metal Products Co. 183,471; Oct. 30.
Shingle strips. Sifo Products Company. 155,828; June 5.

Shingles. Hanawalt Spaulding Company. 187,051; Dec. 25.
Shingles, Asphalt. Lehon Company. 168,975; Jan. 9.
Shingles, cements, plaster, roofing, shingles, etc., Asphalt. Fries, Beall & Sharp Company. 169,583; Feb. 13.
Shingles, siding, and finishing lumber. Vancouver Cedar Mills, Limited. 169,515; Aug. 14.
Shingles, Stained wooden. J. S. Williams. 180,916; Aug. 7.
Shutters, curtains, and doors, Metallic fire-resisting. Kinnear Manufacturing Company. 163,525; Dec. 25.
Sidings, baseboards, window casings, and moldings. Star Wood Products Company. 158,493; Feb. 20.
Skylights. Alfred C. Goethel Co. 176,619; June 12.
Slate, Roofing. John D. Emack Company. 179,034; Nov. 27.
Sound-deadening and insulating fabric, Sanitary. Richardson Company. 173,533; Mar. 27.
Steel and reenforcing bars for concrete construction, Fabricated structural. Consolidated Steel Corporation. 155,485; Mar. 13.
Steel for buildings, bridges, towers, etc., Manufactured structural. Pittsburgh-Des Moines Steel Company. 168,940; Feb. 20.
Steel, Structural. Bethlehem Steel Company. 173,738; May 1.
Structural members. Bethlehem Fabricators, Inc. 167,795; July 17.
Stucco. Granitface Company. 170,281–2; Oct. 23.
Stucco and composition of cementitious nature for making flooring. Ritestone Products Corporation. 178,628; June 5.
Stucco material. R. B. Tyler Co. 165,101; Jan. 9.
Sulphur composition for tanks, etc., Fusible. Texas Gulf Sulphur Company. 186,811; Dec. 4.
Wall board. F. M. Dering. 182,571; Oct. 23.
Wall board, shingles, tiles, etc. Leolith Products Corporation. 162,995; June 5.
Wall boards, lining for houses, plaster bases, etc. Composition of material for. Dahlberg & Company. 166,175; Feb. 6.
Wall boards, lining for houses, plaster bases, etc., Composition of material for. Dahlberg & Company. 168,575; Feb. 6.
Wall or plaster board. S. A. Blair. 174,723; Apr. 17.
Waterproofing plastic compositions for roads and cement constructions. H. A. Gardner. 168,524–5; Jan. 9.
Weather strips. E. J. Wirfs. 170,230; Mar. 27.
Window and door sills, lintels, arches, etc. A. Moses. 182,109; Sept. 4.
Wood panel board. Chester T. Sanderson Co. 169,828; Jan. 9.
Wood, Treated. Su-Dex Wood Curing Company. 164,606–7; Aug. 28.

CLASS 13.

Alarms and like safety devices, Automatic. C. L. Stokoe. 182,550; Oct. 30.
Alarms, Gas-flow. H. Cappellanti. 186,350; Dec. 11.
Aluminum household kitchen, and cooking utensils. Aluminum Company of America. 167,115; Jan. 2.
Anchor rods. A. B. Chance. 176,324; May 15.
Automobiles and the like, License-tag fasteners for. A. B. Aldrich. 181,371; Sept. 18.
Bathroom and other fixtures, Supports for. J. A. Hoegger. 178,503; Sept. 18.
Bathroom fixtures. C. F. Church Manufacturing Co. 181,110–11; Sept. 18.
Bathroom fixtures. C. F. Church Manufacturing Co. 181,111; Nov. 27.
Baths, coffee and rice boilers, bowls, etc., Baby. Shapleigh Hardware Company. 162,358; July 3.
Bedsteads, cots, etc., Corner fittings for. Atlas Bedstead Company (Stephen Wilkes & Sons) Limited. 172,026; Dec. 18.
Belt fasteners. Flexible Steel Lacing Company. 167,870; Apr. 17.
Bibs, Quick-compression. E. Stebbins Manufacturing Company. 174,271; Apr. 3.
Bird-cage stands, screens, hooks, etc. Andrew B. Hendryx Co. 162,550; Feb. 27.
Bolt anchors and expansion shields. Star Expansion Bolt Company. 152,729; Feb. 27.
Bolts. Lamson & Sessions Company. 166,745; Feb. 13.
Bolts, locks and bolts, steel mortise, and rim locks, etc., Cremorne and espagnolette. Société P. & A. Picard. 158,583; May 1.
Bolts, rivets, and spikes. Milton Manufacturing Company. 177,190; June 12.
Bridle wires, Rings for stringing. Diamond Expansion Bolt Co. 179,782–3; Aug. 21.
Butts, hinges, latches, etc. Stanley Works. 182,619; Oct. 16.
Casters. Faultless Caster Co. 168,463; Feb. 20.
Casters. Grennan Cake Corporation. 181,593; Aug. 14.
Casters, Pintles for. Bassick Company. 172,505; Mar. 27.
Casters, Sliding. International Supply Company. 171,697; Apr. 24.
Cast-iron pipe and fittings and other plumbers' supplies. Eastern Foundry Company. 178,095; June 12.
Chains, Drive. Howe Chain Company. 183,834; Oct. 16.
Chains, Sheet-metal. Smith & Egge Manf'g. Co. 173,446; May 15.
Chains, Sheet-metal. Smith & Egge Manf'g Co. 173,447; Apr. 24.
Clamps and parts thereof, Hose. Ideal Clamp Mfg. Co. 171,322; Jan. 30.
Cocks. Red Hed Mfg. Co. 170,787–8; Mar. 20.
Coffee urns, Coffee-bag supports used in. J. T. Pedersen. 172,432; Apr. 10.
Container holders, Beverage-. R. G. Mitchell. 161,733; Apr. 17.
Cooker, Steam-pressure. Henry A. Poppert & Son Company. 172,686; Mar. 6.
Cookers, Steam-pressure. Economy Cooker Company. 183,562; Dec. 18.
Cookers, Steam-pressure. Metropolitan Manufacturing Co. 168,541; Nov. 20.
Cooking utensils, etc., over an open fire, Devices for supporting. Campfire Manufacturing Company. 155,737; July 3.
Cooking utensils, Metallic. Ham Boiler Corporation. 170,138; Mar. 20.
Couplings, pipes, tubes, and casings, Metal. National Tube Company. 175,882; May 1.
Culinary, household, and dairy utensils, Metal. Lisk Manufacturing Company. 169,860; Mar. 20.
Culverts and well curbing, Metal. North Dakota Metal Culvert Co. 160,021; Oct. 30.
Curtain brackets. J. H. Rogers. 170,729; Apr. 3.
Curtain rods, Metal. Turner & Seymour Manufacturing Company. 180,456; July 24.
Curtain rods, Metallic flat. C. J. Alden. 176,867; Sept. 4.
Dish pans. W. H. Hendricks. 152,799; June 26.
Doorchecks. No-Liquid Door Check Company. 183,225; Sept. 25.
Door-knob fasteners. Gripx Manufacturing Co. 173,079; June 19.
Door knockers numbers, flap hinges, etc. Greene, Tweed & Co. 182,514; Oct. 30.
Door stops. J. R. Emery. 180,794; Aug. 14.
Dowels, Ring. Timber Truss Co. of America. 163,365–6; Feb. 6.
Drain-pipe traps, slop sinks, etc. Donley Brothers Company. 178,829; Oct. 2.
Egg slicers and cake forms. S. Robert. 173,246; Aug. 28.
Enameled ware consisting of rice boilers, mixing bowls, etc. Shapleigh Hardware Company. 166,608; Jan. 2.
Fastening devices. H. L. Fenno. 181,440; Sept. 25.
Faucets, cocks, etc. W. C. Grosser. 172,592; July 10.
Fenceposts, Metal. American Steel and Wire Company of New Jersey. 180,954; Aug. 14.
Flower holders, Metal. Dazey Manufacturing Company. 176,255; Nov. 6.
Fluid-pressure regulating and controlling instruments. Honeywell Heating Specialties Company. 175,396; Sept. 18.
Furniture slides. Berbecker & Rowland Mfg. Co. 172,317; Dec. 11.
Furniture slides. Turner & Seymour Manufacturing Co. 181,922; Sept. 18.
Furniture sliding shoes. Onward Manufacturing Company. 167,144; Feb. 6.
Garment-hanging fixtures. Lawson Manufacturing Company. 180,186; Nov. 20.
Gas brackets and cocks, T's, elbows, and gas range cocks, Brass fittings for. Federal Manufacturing Co. 170,681; Feb. 6.
Gates, Hydraulic. E. L. Broome. 172,028; Apr. 10.
Heel plates, toe plates, and toe protectors, Shoe. Sun Patent Developing Co. 163,547; Aug. 21.
Hinges. Stanley Works. 184,218–20; Oct. 16.
Hinges. Stanley Works. 184,690–2; Dec. 4.
Hinges. Way Works, Incorporated. 174,549; Apr. 24.
Hinges, bolts, latches, handles, etc. Stanley Works. 172,563; Mar. 6.
Hinges, bolts, latches, handles, etc. Stanley Works. 172,693; Mar. 6.
Hood catches, hood-catch brackets, hood handles, and door handles. Bassick Company. 169,966; Feb. 13.
Household and kitchen utensils made of aluminum. C. Colsman. 165,528; July 24.
Key chains. Boye Needle Co. 179,773; July 3.
Kitchen utensils. Aluminum Sales Co. 142,379; Oct. 23.
Knobs, handles, and finger plates for doors. Société P. and A. Picard. 177,144; June 12.
Laths, Fasteners for securing and spacing metal. Bull Dog Plaster Grip Company. 180,324; Dec. 4.
Link belts. Victory V Belt Co. 167,744; Apr. 10.
Metal fasteners. W. E. Morgan. 183,310; Oct. 16.
Metals. Seymour Manufacturing Company. 175,953; June 19.
Nails. American Steel and Wire Company of New Jersey. 168,594; Apr. 3.
Nails. American Steel and Wire Company of New Jersey. 168,595; Feb. 13.
Nails. Carpenter-Dodge Company. 184,065; Sept. 25.
Nails. United Shoe Machinery Corporation. 179,755; Aug. 7.
Nails. United Shoe Machinery Corporation. 182,024; Aug. 14.
Nails and staples. G. X. Wendling. 185,683; Dec. 11.

Nails, rivets, brackets, etc., Eaves-trough. F. O. Schoedinger. 172,184; July 24.
Nipples, Metal pipe. Fred Pabst Company. 180,718; Sept. 18.
Nonskid chains, hooks, and parts thereof. Newhall Chain Forge & Iron Co. 160,897; Mar. 6.
Nut locks. Chapman Self-Locking Nut Co. 156,983; Feb. 13.
Nuts and bolts. Vislok Limited. 167,438; Jan. 16.
Nuts, bolts, rivets, screws, Lock. Boss Nut Company. 177,355; Aug. 7.
Ovens, Dutch. Griswold Manufacturing Company. 172,156; Apr. 17.
Pans, Baking. Edward Katzinger Company. 171,577–8; Feb. 6.
Pans, Baking. Edward Katzinger Company. 173,192; Feb. 6.
Pans, Frying. Miller Lock Company. 179,877; Aug. 21.
Pans, saucepans, stock pots, kettles, etc., Frying. Nickel Fabricating Corporation. 174,908; July 3.
Paper cabinets, Toilet-. Utility Service Association. 157,050; May 29.
Percolators, Aluminum. George H. Bowman Company. 183,643; Oct. 16.
Percolators, Aluminum. Tebbetts and Garland Store. 171,600; July 10.
Pipe and vent fittings, traps, etc. Acheson Manufacturing Company. 163,211; July 24.
Pipe, Brass. Chase Companies. 183,250; Oct. 16.
Pipe couplings, metal pipes, etc., Metal. National Tube Company. 184,415; Nov. 13.
Pipe fittings, stop cocks, and double packed stopcocks, etc., Metal. Victory Manufacturing Co. 179,565; Oct. 30.
Pipe lines, Expansion joints for. Howard Iron Works. 186,233; Dec. 11.
Pipe nipples, Metal. Chicago Nipple Manufacturing Co. 163,502; Apr. 10.
Pipes, and bends, T's, Y's, and drainage traps. Eastern Foundry Company. 178,557; Nov. 27.
Pipes and fittings, Cast-iron gas and water. Warren Foundry and Machine Company. 164,846; Apr. 24.
Pipes and metal pipe fittings, Metal. Pioneer Alloy Products Company. 139,628; Nov. 6.
Plumbers' ware. Groeniger Manufacturing Company. 177,486; Sept. 18.
Plumbing, steam-fitting and hardware supplies. Holbrook, Merrill & Stetson. 150,531; Jan. 9.
Railings, brackets, brads, etc., Angle joints for. John Kroder and Henry Reubel Company. 163,584; Jan. 23.
Rivets. Crescent Belt Fastener Company. 169,200; Dec. 11.
Rivets. Raybestos Company. 182,549; Sept. 25.
Rivets, eyelets, lacing hooks, grommets, etc. Edwin B. Stimpson Company. 147,814; Jan. 2.
Saucepans, roasters, casseroles, waffle molds, etc., Aluminum. Club Aluminum Company. 182,087; Oct. 16.
Saw-handle trimmings. Beaton & Cadwell Manufacturing Company. 167,710; Feb. 6.
Screens and strainers, Well. J. H. McEvoy. 175,564–5; July 24.
Screens, Window and door wire. Hipolito Screen & Sash Co. 180,764; Aug. 14.
Screws, nuts, bolts, nails, etc. Guest, Keen & Nettlefolds Limited. 166,683; June 26.
Screws, Wood. Continental Wood Screw Co. 184,280; Sept. 25.
Shields, Expansion. Star Expansion Bolt Company. 172,448; Mar. 20.
Shoe shanks, Steel. M. Cangen. 165,272; Jan. 16.
Shower and shampoo fixtures, curtain rods, etc. M. Behrer. 144,958; Aug. 28.
Sink bibs, cocks, faucets, bath cocks, etc. Wolverine Brass Works. 182,783; Sept. 25.
Soap dishes, towel bars, hand rails, etc. J. P. Eustis Manufacturing Company. 161,531; Feb. 27.
Soap dispensers and towel racks, Combination liquid-. W. F. Findley. 175,239; Oct. 30.
Soap-dispensing systems, Liquid-. West Disinfecting Company. 173,264; Apr. 24.
Spring shackle bolts, nuts, and metal washers. Continental Auto Parts Company. 170,475; June 19.
Springs. Miller & Van Winkle, Inc. 165,501; July 31.
Springs and coil springs, seamless steel tubing. Sandvikens Jernverks Aktiebolag. 178,572; July 24.
Springs and steel tubing. Sandvikens Jernverks Aktiebolag. 178,871; Sept. 18.
Sprinklers, Lawn. Supplee-Biddle Hardware Company. 167,273; Feb. 13.
Steamers, seamless steam kettles, copper-jacketed kettles, etc. Majestic Manufacturing Company. 152,763; June 5.
Stopcocks and stop and waste cocks, etc. Ford & Kendig Co. 129,592; Aug. 7.
Stove boards and conductor pipe. Fries, Beall & Sharp Co. 169,585; Feb. 13.
Tables, Metal tops for kitchen and other. American Range & Foundry Company. 173,550; May 1.
Tank floats, Vacuum. J. H. Cohen. 167,840; Apr. 17.
Tankards and trays, Metal. L. H. Spencer. 158,456; Jan. 30.
Teakettles. Griswold Manufacturing Company. 172,155; Mar. 6.
Teapots, Aluminum. Tebbetts and Garland Store. 171,599; July 10.
Tire-chain fasteners. Columbus McKinnon Chain Company. 181,673; Aug. 14.
Tire chains. Columbus McKinnon Chain Company. 179,031; July 24.
Toilet or closet seat, Type of. Germain Brothers Company. 172,874; June 12.
Toilet seats, Sanitary covers for. A. M. Price. 181,088; Sept. 18.
Traps, feed-water grease extractors, pot safety valves, and relief valves, Steam. American Steam Gauge & Valve Manufacturing Company. 180,409; June 26.
Traps, trap ferrules, clean-outs, pipe fittings, etc., Backwater. J. A. Zurn. 167,544; Mar. 20.
Tubes. Anaconda Copper Mining Company. 177,062; July 10.
Tubes, Brass, copper, etc. Anaconda Copper Mining Company. 177,210; Aug. 7.
Tubes, Seamless brass, copper, and condenser. British American Metals Company. 160,392; Feb. 13.
Tubes, tube joints, pipes, etc. Mannesmannröhren-Werke. 163,689; Sept. 25.
Tubing, Nonferrous metal. Mueller Metals Company. 156,103; Oct. 16.
Urns, sugar and fruit bowls, etc., Coffee, chocolate, water, and other. Carl H. Arwe Manufacturing Company. 169,742; Feb. 6.
Valves. F. C. Heylman. 167,566; Jan. 23.
Valves. D. T. Williams Valve Company. 172,567–8; Mar. 6.
Valves and pump governors, Pressure-reducing. Locke Regulator Co. 177,789; Dec. 18.
Valves and thermostatic controlling or operating means and parts of same. Yoder Thomas Mfg. Co. 171,678; Mar. 6.
Valves, Drain. S. Pavitchich. 170,208; Jan. 23.
Valves, float boxes, etc., Pressure-reducing back-pressure, balance, float, and fluid-control. G. M. Davis Regulator Co. 182,088; Sept. 18.
Valves for gas, steam, and water, Hand. Colonial Brass Works, Inc. 177,651–2; June 12.
Valves for mains and pipes, Metal. Bethlehem Steel Company. 179,845; Sept. 4.
Valves for pipe lines and the like, Metal. Detroit Lubricator Company. 179,929; July 24.
Valves, Globe and gate. Jenkins Bros. Limited. 180,605; Sept. 18.
Valves, traps, and regulators. Kieley Mueller, Inc. 183,071; Sept. 11.
Valves, urinal spreaders, strainers, etc., Flush and urinal. Hedges & Brother. 178,696; Aug. 28.
Valves, urinal valves, urinal spreaders, etc., Flush. Hedges & Brother. 178,696; Nov. 13.
Valves, valve casings, etc., Pneumatic. A. Schrader's Son, Incorporated. 171,512; July 10.
Washtub covers, Enameled-metal. New York Vitreous Enamel Products Corporation. 176,643; Oct. 30.
Water regulators and pump governors, Feed-. Northern Equipment Company. 178,625; July 24.
Wedge blocks, Wooden. S. A. Scott. 154,420; Jan. 9.
Window adjusters, Casement-. Miami Manufacturing Co. 173,520; Apr. 3.
Window regulators. Dura Company. 169,803; May 8.
Window supports, Casement-. Vincent Whitney Company. 180,091; Aug. 14, 1923.
Wire, Barbed. Gulf States Steel Company. 177,777–9; May 15.
Wire fence and barbed wire. Keystone Steel & Wire Company. 180,935; Sept. 18.
Wire fence and barbed wire. Keystone Steel & Wire Company. 183,655; Sept. 18.
Wire fences. Atlantic Steel Company. 176,531; May 15.

CLASS 14.

Alloy. Marret, Bonnin, Lebel & Guieu. 180,018; Sept. 4.
Alloy, Casting. Agricola & Agricola. 170,745; Mar. 20.
Alloy containing various proportions of nickle, copper, and zinc, Nonferrous. Roessler & Hasslacher Chemical Co. 167,013; Feb. 6.
Alloy, Forgings of steel. A. Finkl & Sons Company. 168,523; Jan 2.
Alloy, Low-fusing metal. J. M. Ney Company. 187,479; Dec. 25.
Alloy made from nickel ore for forging steel. L. B. Archer. 168,288; July 31.
Alloy, Nickel and manganese. Henry Wiggin & Company Limited. 172,707; Apr. 17.
Alloy, Nickel-chrome. Henry Wiggin & Company Limited. 172,704–6; Apr. 17.
Alloy, Nickel-chrome-steel. Henry Wiggin & Company Limited. 172,709; Apr. 17.
Alloy, Nonferrous casting. Kent-Owens Machine Company. 166,077; Mar. 20.
Alloy, Nonferrous metal. D. D. Strite. 172,403; Mar. 6.
Alloy steel. Ludlum Steel Company. 162,749–50; Aug. 21.
Alloys, Aluminum. A. Pacz. 144,977; Mar. 27.
Alloys and metals for use in jewelry and jewelers' wares. Marret, Bonnin, Lebel et Guieu. 170,302; Mar. 6.
Alloys and wire, Metal. Seymour Manufacturing Company. 175,956; June 19.

Alloys, Heat and corrosion resisting. F. A. Fahrenwald. 176,332; May 22.
Alloys, Magnetic. Western Electric Company. 172,248; May 22.
Alloys, Metal. Seymour Manufacturing Company. 175,955; June 12.
Alloys, Metallic. Du Pont Engineering Company. 178,981; Sept. 18.
Alloys, Metallic soldering. S. Pfyffer. 173,053; Apr. 17.
Alloys, Nickel-copper. Henry Wiggin & Company Limited. 172,708; Apr. 17.
Alloys of copper, zinc, and nickel, wire in coils, etc, Metal. Seymour Manufacturing Company. 175,954; May 15.
Alloys, rolled plates and sheets of such alloys, etc., Non-corroding and nonrusting. Edwin Burhorn Company. 149,210; Jan. 2.
Aluminum alloy. Paralite Company. 160,150; Feb. 20.
Aluminum and aluminum alloys. Aluminium-Industrie-Aktien-Gesellschaft. 175,291; May 1.
Aluminum and aluminum alloys, Crude and prepared. Aluminum - Industrie - Aktien - Gesellschaft. 173,023; Feb. 6.
Aluminum and aluminum alloys, Crude and prepared. Aluminium - Industrie - Aktien - Gesellschaft. 174,875; May 1.
Aluminum and aluminum base alloys. Aluminum Company of America. 180,679; Oct. 30.
Automobile body hardware. Ternstedt Manufacturing Company. 163,900–1; Jan. 30.
Bearing alloys. American Injector Company. 173,341; Feb. 6.
Bearing and packing metal, brass and bronze castings. Fredericksen Company. 175,925; May 15.
Bearing metal. Lumen Bearing Company. 186,959; Dec. 25.
Bearing metals. A. W. Cadman Manufacturing Co. 183,360: Dec. 18.
Bronze, Bearing. Oregon Brass Works. 178,274–5; May 15.
Castings and forgings, Metal. Henry & Allen. 175,791; May 1.
Castings, Copper-nickel-alloy. Manning, Maxwell & Moore, Inc. 177,565; July 24.
Castings, Gray-iron. A. F. Meehan. 164,177; Jan. 16.
Castings, Manganese-steel. Inland Engineering Company. 178,042; June 12.
Castings, Metal. Pacific Foundry Company. 183,850; Sept. 25.
Castings of ferrous metals. Milton Manufacturing Company. 155,268; Feb. 13.
Castings of nonferrous metals. Mueller Metals Company. 183,662; Oct. 16.
Castings, Steel and iron. Los Angeles Foundry Company. 186,018; Dec. 4.
Chairs, Rail. Kiss and Choka. 175,250; Aug. 21.
Copper-alloy steel. Inland Steel Company. 169,856; Aug. 14.
Die-casting metal and die castings. Doehler Die-Casting Co. 174,562; Apr. 3.
Forgings, Drop. Western Drop Forge Company. 181,429; Aug. 7.
Galvanizing. Diamond Expansion Bolt Co. 161,822; Aug. 14.
Gold and bronze leaf. R. W. Grauert. 181,391; Oct. 2.
Gold leaf, imitation-gold leaf, and silver leaf, Sized. F. R. Coughlin. 158,075; Feb. 27.
Gold, platinum, palladium, and silver metals and solder and rolled sheets and plates. American Platinum Works. 173,392; Apr. 3.
Ingots and castings. A. Gilbert & Sons Brass Foundry Co. 163,515; Sept. 18.
Iron and steel. Republic Iron & Steel Company. 183,994; Oct. 23.
Iron, cast iron, steel, etc., Pig. Ibbotson Brothers & Co. 166,771; Feb. 13.
Iron or steel, Certain articles of. Consolidated Steel Corporation. 155,486; Mar. 20.
Lead, zinc, copper, gold, silver, antimony, and iron. Consolidated Mining and Smelting Company of Canada, Limited. 158,417; Aug. 7.
Magnesium and magnesium alloys. American Magnesium Corporation. 182,492; Oct. 23.
Metal and bars, sheets, strips, etc., Special-process. J. Briggs and Sons Co. 171,827; May 1.
Metal, Babbitt. American Boron Products Co. 165,742; Feb. 20.
Metal, Babbitt. U. T. Hungerford Brass & Copper Co. 178,390; May 15.
Metal, Bearing. Ariston Metal Company. 186,578; Dec. 25.
Metal used for agitating or stirring mineral, etc., Cast. American Abrasive Metals Company. 177,464; May 15.
Metals. Manganese Bronze and Brass Co. 178,051; Sept. 25.
Metals. Seymour Manufacturing Company. 175,952; May 15.
Metals and alloys and ingots, castings, etc., Cast, drawn, rolled, etc. Anaconda Copper Mining Company. 177,208; Sept. 25.
Metals and alloys and ingots, castings, sheets, etc. Anaconda Copper Mining Company. 164,291; Apr. 3.
Metals and alloys, Babbitt, etc. Magnolia Metal Company. 168,929–30; Jan. 9.
Metals and alloys for use in jewelry. Marret, Bonnin, Lebel et Guieu. 170,301; Mar. 13.
Metals and alloys, ingots, castings, etc. Anaconda Copper Mining Company. 165,112; Oct. 23.
Metals and their alloys, Nonferrous. Smith & Egge Mfg. Co. 181,704; Sept. 11.
Metals, Bearing. Super-Refined Metals Company. 183,420; Sept. 25.
Metals, Ferrous. Duncan MacKenzie's Sons Co. 182,352; Oct. 23.
Metals used for electrical purposes. Henry Wiggin & Company, Limited. 172,702; Apr. 17.
Molybdenum and tantalum. Fansteel Products Company. 181,521; Nov. 20.
Nickel and alloys of nickel. Henry Wiggin & Company Limited. 172,701; Apr. 17.
Nickel steel. Henry Wiggin & Company Limited. 172,703; Apr. 17.
Nickel sheets, rods, etc. American Nickel Corporation. 170,802; Mar. 6.
Pipes for power water-inlet piping, Nonferrous. Société Marcel Bassot & Co. 156,758; Jan. 16.
Platers' bars, sheet metal, metal rods, and ingots. Platinide Co. Inc. 173,719; May 8.
Platinum, gold, silver, etc., in sheets, rolls, etc. Katz & Ogush, Inc. 180,012; Aug. 7.
Platinum in bars, sheets, etc., and platinum solder. Dinhofer Bros. Inc. 173,919; Apr. 3.
Rail anchors or anticreepers. P. & M. Company. 180,238; Oct. 2.
Railroad frogs. Kilby Frog & Switch Co. 152,224; Apr. 10.
Rails, Steel. L. B. Foster Co. 184,072–3; Dec. 4.
Rails, Steel. Société Anonyme d'Ougrée Marihaye. 167,502; Dec. 18.
Railway equipment. Q & C Company. 151,996; Dec. 18.
Sheets, Black and galvanized and tin-plate. Consolidated Steel Corporation. 167,935; Mar. 20.
Shims and shim stock. Laminated Shim Company. 178,617; Oct. 16.
Solder, Weldene Manufacturing Company. 149,048; June 5.
Stamps, fullered forgings, and I forgings, Forged bodies for hand. Jas. H. Matthews & Company. 177,792; June 12.
Steel and iron sheets and plates, ingot molds, etc. Allegheny Steel Company. 165,518; Dec. 11.
Steel bars and billets. A. P. Scripture. 175,328; Apr. 3.
Steel billets, sheets, forgings, round bars, and rounds. Allegheny Steel Company. 179,698; Aug. 21.
Steel forgings. A. Finkl & Sons Company. 177,908; May 15.
Steel forgings. A. Finkl & Sons Company. 179,038; Aug. 7.
Steel forgings. A. Finkl & Sons Company. 179,189; Aug. 7.
Steel forgings, rail anchors, rail-anchor springs, etc. Canton Forge & Axle Company. 177,215; June 19.
Steel, Hammered and rolled. Société Anonyme d'Ougrée Marihaye. 167,501; Dec. 18.
Steel in bar, etc., forms, steel castings and forgings. Hadfields Limited. 175,553; May 8.
Steel, iron, metal sheets. United Alloy Steel Corporation. 154,895; July 31.
Steel rods. Globe Wire Co. 174,772; Apr. 3.
Steel rods suitable for the making of taps and small tools. Globe Wire Co. 174,773; June 19.
Steel, Sheet. Milwaukee Rolling Mill Company. 185,874; Nov. 13.
Steel sheets, bars, and plates. R. G. Hird. 176,127; July 3.
Steel, Tool. Darwin & Milner Inc. 169,535; Jan. 9.
Steel, Tool. Detroit Alloy Steel Company. 166,554; Aug. 14.
Steel, Tool. Peter A. Frasse & Co. 186,360; Nov. 27.
Steel, Tool. Vulcan Crucible Steel Co. 152,292; Jan. 9.
Steels, Tool, carbon, shear, mild, etc. Samuel Warren Limited. 152,599; Mar. 20.
Tin and terne plates and sheets. Baldwins Limited. 158,415; Jan. 16.
Track frogs, crossings, guard rails, etc. Ramapo Ajax Corporation. 172,395; Apr. 10.
Welding metal. James H. Herron Company. 183,449–50; Oct. 16.
Welding metals, Metallic compounds for use in. Alumino-Thermic Corporation. 172,660; May 22.
Wire and rods, Welding. "Weldrite" Company. 162,524; Sept. 25.
Wire, Base-metal. Page Steel & Wire Company. 162,646; Apr. 17.
Wire, Galvanized. Keystone Steel & Wire Company. 184,730–1; Sept. 18.
Wires, Resistance. Henry Wiggin & Company Limited. 170,345; Apr. 17.

CLASS 15.

Automobile planetary transmissions, Lubricant dressing for. Lewis Oil Company. 171,852; Jan. 9.
Candles. J. and M. Bechdolt. 177,427; Sept. 18.

Candles. Columbia Wax Products Co. 154,550; Jan. 2.
Candles. Glistridis, Frosso & Co. 177,183; Apr. 24.
Candles. D. B. Hansen & Sons. 183,972; Nov. 13.
Candles. Standard Oil Company. 165,826; Oct. 16.
Candles. Standard Oil Company. 165,828; Oct. 16.
Candles. Standard Oil Company. 165,830; Oct. 16.
Candles. Standard Oil Company. 165,831–3; Oct. 23.
Candles. Standard Oil Company. 165,834; Oct. 16.
Candles. Standard Oil Company. 171,744; Dec. 4.
Candles. Standard Oil Company of New York. 183,045; Oct. 16.
Candles. Standard Oil Company. 186,203; Nov. 27.
Candles. Standard Oil Company. 186,726; Nov. 27.
Candles. Standard Oil Company. 186,936; Nov. 27.
Candles. West India Oil Company. 173,798; Mar. 27.
Candles. West India Oil Company. 173,799; Feb. 27.
Candles, liquid paraffin, lubricating oils and greases. Gasoline. Standard Oil Company. 171,664; Feb. 13.
Canned motor oils. Midcontinent Producers' & Refiners' Corporation. 175,094; Aug. 7.
Compound for loosening tight nuts on bolts and lubricating leaf springs. J. A. Carroll. 177,726; May 15.
Coating material. Brogdex Company. 175,708; Sept. 11.
Dental instruments, Lubricating and sterilizing medium for. H. P. Emeis. 177,433; Aug. 28.
Engines, Fuel for internal-combustion. Benzol Motor Fuel Company. 187,792; Dec. 25.
Fuels, Motor. F. J. Abbott. 180,404; July 24.
Fuels, Motor. F. J. Abbott. 180,406-8; July 17.
Gasoline. H. D. Burroughs. 170,751; July 24.
Gasoline. Central Ohio Oil Company. 174,126; Nov. 27.
Gasoline. Independent Service Station Association. 180,979; Sept. 4.
Gasoline. Industrial Oil Co. 181,447; July 31.
Gasoline. Interocean Oil Company. 181,027; Aug. 28.
Gasoline. Interstate Gasoline Co. 164,807; Jan. 9.
Gasoline. J. W. Jameson. 181,995; Oct. 2.
Gasoline. J. W. Jameson. 181,996; Oct. 16.
Gasoline. Mutual Refining Company. 170,446; Feb. 13.
Gasoline. Ohio Refining Company. 162,310; Jan. 9.
Gasoline. Pan American Petroleum & Transport Company. 184,620; Oct. 23.
Gasoline. Premier Refining Company. 176,215; Dec. 4.
Gasoline. Pure Oil Co. 164,003; Oct. 23.
Gasoline. Puritan Oil Corporation. 186,291; Dec. 25.
Gasoline. Sierra Refining Company. 174,155; Feb. 27.
Gasoline. Standard Oil Company. 172,691; Apr. 3.
Gasoline. L. J. Wilde. 183,784; Nov. 27.
Gasoline and lubricating oils. H. Bunge. 176,064; Apr. 17.
Gasoline and lubricating oils. Spears & Riddle Co. 174,756; Sept. 4.
Gasoline and naphtha. Standard Oil Company of New York. 169,934; May 15.
Gasoline, kerosene, and lubricating oils and greases. Westland Oil Company. 169,612; Feb. 27.
Gasoline, kerosene, and motor fuel oils. Snowolene Holding Company. 174,803; May 8.
Gasoline, kerosene, and motor oils. Arro Oil & Refining Company. 179,643; Sept. 11.
Gasoline, kerosene, benzine, petroleum, etc. Sunfield Company. 183,806; Oct. 30.
Gasoline, kerosene, etc. Herculese Gasoline Co.. 167,393; Sept. 18.
Gasoline, kerosene, fuel oil, etc. Pure Oil Company. 159,284; Sept. 18.
Gasoline, kerosene, lubricating oil, and gas oil. Petroleum Export Corporation. 176,210; Apr. 10.
Gasoline, kerosene, lubricating oils and greases. Interstate Petroleum Products Company. 168,971; Jan. 2.
Gasoline, kerosene, lubricating oils, petroleum distillate. Snowolene Holding Company. 180,248; July 17.
Gasoline, kerosene, motor oils, greases, etc. Econ Oil & Gas Company. 172,641; Feb. 13.
Gasoline, kerosene, naphtha, etc. Get-Gas Service Stations, Inc. 158,391; Apr. 10.
Gasoline, kerosene, naphtha, lubricating oil, etc. United Oil Company. 165,574; Feb. 20.
Gasoline, kerosene, petroleum, etc. Hercules Gasoline Co. 169,130; Sept. 4.
Gasoline, lubricating oils, and greases. C. C. Julian. 184,403–4; Oct. 23.
Gasoline, lubricating oils and greases. Julian Petroleum Corporation. 184,406; Oct. 16.
Gasoline, motor fuels, and lubricating oils. American Oil Company. 173,222; Feb. 13.
Gasoline, naphtha, benzene, kerosene, etc. Spokane Wyoming Petroleum Company. 165,570; Nov. 27.
Gasoline, naphtha, kerosene, fuel oils, etc. Henry H. Cross Company. 174,294; Feb. 27.
Grease, Axle. Pure Oil Company. 178,133; July 17.
Grease compound for lubricating purposes. A. B. Hutton. 180,009; July 10.
Grease, Cup and axle. Marine Oil Company. 166,386; Nov. 13.
Grease, Lubricating. Battenfeld Grease & Oil Company. 184,929; Oct. 30.
Grease, Lubricating. National Refining Company. 161,695; May 29.
Grease, Lubricating. Standard Oil Company of New York. 162,517; Feb. 13.
Grease, Petroleum. Atlantic Refining Company. 174,814; Mar. 20.
Greases, Lubricating. U. S. Oil & Supply Co. 148,904; Mar. 20.
Kerosene. Associated Oil Company. 177,064; Oct. 23.
Kerosene. Associated Oil Company. 184,015; Nov. 27.
Kerosene. Miller Petroleum Company. 175,673; Apr. 10.
Kerosene. United Petroleum Asiatic Company. 175,281; June 26.
Kerosene and gasoline. Western Reserve Oil Company. 171,479; Feb. 13.
Kerosene and lubricating oils. Gilmore Petroleum Company. 166,558; Sept. 4.
Kerosene, gasoline, and lubricating oil. Petroleum Export Corporation. 176,211; Apr. 10.
Kerosene, gasoline, lubricating oils, and greases. Western Reserve Oil Company. 171,479; May 1.
Liquid fuel. Petroleum Service Corporation. 170,753; Sept. 4.
Liquid motor fuel. Benzo-Gas Motor Fuel Company. 179,086; June 19.
Lubricant. Wadhams Oil Company. 186,860; Dec. 11.
Lubricant for machinery. Benzo-Gas Motor Fuel Company. 167,512; Oct. 23.
Lubricant, Refined. Davies, Rose & Co. 168,455; Dec. 4.
Lubricants. A. N. Bresler. 180,959; Sept. 4.
Lubricants. Carbide & Carbon Chemicals Corporation. 175,710; Apr. 3.
Lubricants. Harvey Oil Co. 184,029; Nov. 20.
Lubricants. Keystone Lubricating Company. 178,508–12; May 15.
Lubricants. Keystone Lubricating Company. 178,514–21; May 15.
Lubricants. Keystone Lubricating Company. 178,726–37; May 15.
Lubricants. Keystone Lubricating Company. 178,739–41; May 15.
Lubricants and solvents, kerosene, benzine, gasoline, etc. Tetralin Gesellschaft mit beschränkter Haftung. 142,040; June 19.
Lubricating compounds and greases. Otis Chemical Company. 181,087; July 10.
Lubricating material. L. P. Galbraith. 169,397; Jan. 2.
Naphtha. Miller Petroleum Company. 176,200; Apr. 10.
Oil and gasoline, Motor. Kentucky Independent Oil Company. 184,286; Nov. 20.
Oil and grease, Lubricating. D. J. Lowry. 171,584; Apr. 3.
Oil and greases. F. J. Abbott. 182,033; Oct. 2.
Oil and lubricating greases, Lubricating, automobile, and machine. L. R. Carley. 160,587; Mar. 13.
Oil, Crank-case-flushing. American Oil Company. 171,719; Apr. 3.
Oil, Cutting. Smith Oil & Refining Company. 180,629; July 10.
Oil, Cutting and lubricating. Wondruschka-Duda Company. 170,555; Jan. 2.
Oil, Cylinder. Pure Oil Company. 178,121; July 17.
Oil, Cylinder. Pure Oil Company. 178,122; June 26.
Oil, Cylinder. Standard Oil Company. 184,309; Oct. 23.
Oil, Engine. Pure Oil Company. 178,136; June 26.
Oil, Farm-machinery-lubricating. Pure Oil Company. 178,125; July 17.
Oil for hand separators, Lubricating. Pure Oil Company. 178,123; July 17.
Oil for insulating and cooling purposes, Mineral. Westinghouse Electric & Manufacturing Company. 167,963; Mar. 13.
Oil for lubricating purposes, Cylinder and automobile. Marine Oil Company. 166,384; Feb. 20.
Oil, gasoline, and kerosene, Crude. C. F. Kellom. 161,840; May 29.
Oil, gasoline, and kerosene, etc., Lubricating. L. J. Wilde. 183,785; Nov. 6.
Oil, gasoline, gas and fuel oil, kerosene, Crude. Invader Oil Refining Co. 141,524; Feb. 13.
Oil, Graphite farm-machinery. Pure Oil Company. 178,124; July 17.
Oil, Hard. Pure Oil Company. 178,134; July 17.
Oil, Lubricating. A. J. Paluszek. 173,002; Mar. 20.
Oil, Lubricating. Roxana Petroleum Corporation. 185,991; Nov. 20.
Oil, Lubricating. Willowbrook Chemical Works. 180,459; Sept. 4.
Oil, Lubricating motor. Kentucky Independent Oil Co. 184,285; Oct. 23.
Oil, Machine. Marine Oil Company. 166,388; Nov. 27.
Oil, Mineral. Standard Oil Company (Incorporated in New Jersey). 170,411; Feb. 20.
Oil, Motor. Henry H. Cross Company. 175,189; May 1.
Oil, Motor. Great Western Oil Company. 159,699; Jan. 2.
Oil, Motor. Motol Lubricants Corporation. 187,336–7; Dec. 25.
Oil, Motor fuel. Barnsdall Refining Company. 153,234; Oct. 16.
Oil, Petroleum. Standard Oil Company of New York. 172,242; July 17.
Oil, Recovered salad. F. E. Booth Co. 167,551; Feb. 13.
Oil, Transformer. Standard Oil Company (Incorporated in New Jersey). 175,747; June 26.
Oils. Atlantic Refining Company. 183,812; Sept. 18.
Oils. Sinclair Refining Company. 180,503; June 19.
Oils. West India Oil Company. 183,681; Sept. 18.

Classified list of trade-mark titles—Continued.

Oils and gasoline, Lubricating. Apex Motor Fuel and Lubricant Co. 167,156; May 29.
Oils and gasoline, Lubricating. Sweney Gasoline & Oil Co. 184,221; Nov. 6.
Oils and gasoline, Lubricating. Union Oil Company of California. 172,300; Nov. 6.
Oils and greases. E. F. Hartzell. 157,667; Jan. 30.
Oils and greases. Keystone Lubricating Company. 178,738; June 19.
Oils and greases. Litwood Oil & Supply Company. 157,226; Jan. 16.
Oils and greases. Moore-Fuller Oil Co. 170,778; Jan. 9.
Oils and greases. Owenwood Oil Corporation. 140,959; Jan. 9.
Oils and greases. Edward A. Reichel Co. 159,885; Aug. 7.
Oils and grease and gasoline, Lubricating. American Refining and Manufacturing Company. 177,261; May 29.
Oils and greases. Standard Oil Company (New Jersey). 181,659–60; Sept. 11.
Oils and greases and gasoline, Lubricating. J. Lipin. 183,630; Oct. 2.
Oils and greases and specialty oils, Lubricating. Consumer's Home Oil Company. 157,209; Feb. 13.
Oils and greases, automobile fuel oils, cutting oils for treating metals, Lubricating. Oil and Chemical Corporation. 138,722; Apr. 24.
Oils and greases, Cylinder, etc. Humble Oil & Refining Company. 169,593; Jan. 2.
Oils and greases, etc. Sterling Oil Company of Pennsylvania. 182,620; Nov. 6.
Oils and greases, gasoline, benzine, etc., Lubricating. Lindsay-McMillan Company. 160,816; Jan. 9.
Oils and greases, gasoline, motor spirit, etc., Lubricating. Petroleum Products Co. 173,904; Apr. 17.
Oils and greases, Lubricating. California Paint Company. 165,483; Apr. 3.
Oils and greases, Lubricating. G. B. Carran. 179,927; June 26.
Oils and greases, Lubricating. Cato Oil and Grease Co. 179,293–4; June 19.
Oils and Greases, Lubricating. Dixie Oil & Grease Company. 166,659; June 19.
Oils and greases, Lubricating. G. W. Fenimore. 165,976; May 22.
Oils and greases, Lubricating. Great Southern Refining Company. 176,078; Sept. 18.
Oils and greases, Lubricating. A. W. Harris Oil Company. 158,084; Oct. 30.
Oils and greases, Lubricating. Hot Point Oil & Supply Company. 184,854; Nov. 27.
Oils and greases, Lubricating. Inter-State Oil Company 121,865; June 26.
Oils and greases, Lubricating. Inter-State Oil Company. 139,971; Oct. 2.
Oils and greases, Lubricating. M. A. Kahn. 159,873; Feb. 13.
Oils and greases, Lubricating. Motive Lubricant Corporation. 183,039; Nov. 27.
Oils and greases, Lubricating. Panhard Oil Corporation. 172,552; Apr. 3.
Oils and greases, Lubricating. Pennsylvania Lubricating Company. 178,566; July 31.
Oils and greases, Lubricating. Reed Oil Company. 176,365; Sept. 18.
Oils and greases, Lubricating. Reed Oil Company. 176,366; June 19.
Oils and greases, Lubricating. Smith Oil & Refining Company. 180,628; July 10.
Oils and greases, Lubricating. Standard Oil Company. 171,666; Jan. 2.
Oils and greases, Lubricating. Standard Oil Company. 171,668; Jan. 2.
Oils and greases, Lubricating. Standard Oil Company. 171,876; Jan. 30.
Oils and greases, Lubricating. U. S. Oil Company. 175,114; Nov. 27.
Oils and greases, Lubricating. Warren & Bailey Co. 172,247; Jan. 9.
Oils and greases, Lubricating. Western Reserve Oil Company. 178,366; June 19.
Oils and greases, Motor. Barber Asphalt Paving Company. 166,764; Feb. 13.
Oils and greases, Transmission. Union Oil Company of California. 181,547–8; July 31.
Oils and lubricating oils and greases, Fuel. Evansville Oil and Grease Company. 177,902; May 29.
Oils and lubricants, Lubricating. B. G. Desmond Manufacturing Corporation. 173,074; Mar. 27.
Oils and oiling compositions. Union Petroleum Company. 180,990; Aug. 28.
Oils, etc., Fuel, lighting, heating, and lubricating. Commonwealth Color & Chemical Co. 179,359; Oct. 2.
Oils for heating purposes. Union Petroleum Company. 173,453; Feb. 13.
Oils, Fuel. Chemical Fuel Company of America. 155,549; Feb. 27.
Oils, greases, and gasoline, Lubricating. Kansas City Refining Sales Company. 175,248; Mar. 27.
Oils, greases, compounds, etc., Lubricating. Indian Refining Company Inc. 172,596; Apr. 10.
Oils, greases, etc. Atlantic Refining Company. 160,105; Feb. 13.
Oils, Lubricating. American Oil Corporation. 174,277; Mar. 27.
Oils, Lubricating. G. A. Bergfors. 186,212; Nov. 20.
Oils, Lubricating. W. D. Cavanaugh. 168,440; Feb. 27.
Oils, Lubricating. Columbia Oil Company. 170,474; May 1.
Oils, Lubricating. D-A Lubricant Company. 171,225; Jan. 9.
Oils, Lubricating. C. R. Gillett. 169,293; May 15.
Oils, Lubricating. Gilmore Petroleum Company. 173,634; Feb. 20.
Oils, Lubricating. Gilmore Petroleum Company. 173,764–5; Feb. 27.
Oils, Lubricating. Midland Refining Company. 172,339; Feb. 20.
Oils, Lubricating. Midland Refining Company. 182,216; Sept. 4.
Oils, Lubricating. D. W. Quinn 172,241; Jan. 9.
Oils, Lubricating. Shell Company of California. 174,186; Mar. 13.
Oils, Lubricating. Standard Oil Company. 175,223; Mar. 27.
Oils, Lubricating. Standard Oil Company (Incorporated in New Jersey). 171,711; Jan. 23.
Oils, Lubricating. Standard Oil Company (Incorporated in New Jersey). 182,386; Sept. 4.
Oils, Lubricating. Standard Oil Company, (New Jersey). 181,661; Aug. 28.
Oils, Lubricating. Standard Oil Company of New York. 175,969; Nov. 6.
Oils, Lubricating. Texas Company. 169,143; Mar. 20.
Oils, Lubricating. United Marine & Fuel Corporation. 175,034; Mar. 27.
Oils, Lubricating. Vacuum Oil Company. 182,079; Sept. 4.
Oils, Lubricating. Warren Refining & Chemical Company. 186,035; Dec. 11.
Oils, Lubricating. Waverly Oil Works Company. 185,802; Nov. 20.
Oils, Lubricating. Wolverine Lubricants Co. of New York. 179,504; July 24.
Oils, Lubricating. F. M. Zimmerman. 182,031; Sept. 18.
Oils, Motor fuel. Chemical Fuel Company of America. 155,550; Feb. 27.
Oils. Motor-lubricating. E. Kalaus. 170,935; Feb. 13.
Paraffin. Standard Oil Company (Incorporated in New Jersey.) 172,127; Jan. 9.
Petrolatum, Liquid. Standard Oil Company. 180,249; June 19.
Petroleum and petroleum products. Standard Oil Company of New York. 176,506; Apr. 10.
Petroleum and petroleum products, Refined. William A. Young Co. 168,086; Jan. 23.
Petroleum and products of petroleum. Standard Oil Company of New York. 159,816; Jan. 9.
Petroleum and products of petroleum. Standard Oil Company of New York. 171,291; Feb. 13.
Petroleum and products of petroleum. Standard Oil Company of New York. 174,931; Mar. 20.
Petroleum and products of petroleum. Standard Oil Company of New York. 174,933; Nov. 20.
Petroleum and products of petroleum. Standard Oil Company of New York. 174,934; Mar. 20.
Petroleum and products of petroleum. Standard Oil Company of New York. 174,935; Mar. 13.
Petroleum and products of petroleum. Standard Oil Company of New York. 174,936–7; Mar. 20.
Petroleum and products of petroleum. Standard Oil Company of New York. 174,939–40; Mar. 20.
Petroleum and products of petroleum. Standard Oil Company of New York. 174,941; Mar. 13.
Petroleum and products of petroleum. Standard Oil Company of New York. 175,959–60; Apr. 3.
Petroleum and products of petroleum. Standard Oil Company of New York. 175,965; Apr. 3.
Petroleum and products of petroleum. Standard Oil Company of New York. 175,968; Apr. 3.
Petroleum and products of petroleum. Standard Oil Company of New York. 177,879; May 8.
Petroleum and products of petroleum. Standard Oil Company of New York. 177,881; May 8.
Petroleum and products of petroleum. Standard Oil Company of New York. 178,147; May 8.
Petroleum and products of petroleum. Standard Oil Company of New York. 183,893; Oct. 16.
Petroleum jelly. Standard Oil Company. 171,662; Oct. 16.
Petroleum, kerosene, gasolene, etc. C. G. Wirick. 179,910; Sept. 18.
Petroleum products. Seaside Oil Company. 171,961; Jan. 9.
Petroleum products. Wayco Oil Corporation. 172,920; Mar. 20.
Petroleum tailings, road, residual, black, and fuel oils. Union Oil Company of California. 164,782; Feb. 20.
Petroleum, Volatile compound derived from. Gilmore Petroleum Company. 166,557; Apr. 10.

CLASS 16.

Artists' materials. Artists Brush and Color Corporation. 175,454; July 10.
Automobile bodies, Polishing compound for. J. H. Laidlaw. 149,592; Apr. 24.
Auto products. Auto Products Mfg. Co. Inc. 158,744; May 8.
Bronze powder and bronzing liquid. United States Bronze Powder Works, Inc. 176,313; May 8.
Bronze powders and bronzing liquids. United States Bronze Powder Works, Inc. 176,230–1; July 24.
Bronzing liquid, raw linseed oil, spirits of turpentine. Owl Drug Company. 166,399; Jan. 9.
Calcimine. Reardon Company. 174,214; Feb. 27.
Calcimine. West Coast Kalsomine Company. 180,729; Sept. 18.
Calcimines. Muralo Company. 183,397; Nov. 13.
Calcimines. Muralo Company. 183,398; Nov. 27.
Calcimines. Muralo Company. 183,399; Nov. 13.
Carbon black. Godfrey L. Cabot, Inc. 176,065; July 17.
Carbon black. Godfrey L. Cabot, Inc. 176,067; Apr. 24.
Carbon black. Godfrey L. Cabot, Inc. 176,068; Sept. 4.
Carbon black. Godfrey L. Cabot, Inc. 176,069–71; Apr. 24.
Carbon black. Standard Carbon Company. 181,917; Oct. 23.
Chemical composition for the removal of oils, paints, etc. Shellac Co. of New York. 172,689; Mar. 13.
Cleaner and polish. Smith Oil & Refining Company. 180,627; Aug. 14.
Cleaner, polisher, renovator, disinfector for varnish, paint, and enamel. W. B. Franklin. 183,565; Sept. 18.
Cleaning and polishing compound. Ambrite Products Company. 182,530; Oct. 16.
Cleaning and polishing liquids. Motor Car Painting & Trimming Co. 186,441; Nov. 27.
Cleaning and polishing materials. W. H. Phelps. 175,369; Oct. 30.
Cleaning and polishing preparation. R. A. Oakley. 182,481; Nov. 27.
Cleaning and polishing preparation for automobiles, furniture, etc. I-Sis Laboratories, Inc. 172,163; Jan. 9.
Cleaning and polishing preparations. Channell Chemical Company. 175,345; Dec. 11.
Cleanser and polish, Automobile. W. M. Myers. 185,306; Nov. 27.
Colors and artist oil colors, Liquid water. Philip Ruxton, Incorporated. 182,616; Sept. 11.
Colors, driers, enamels, etc. Acme White Lead & Color Works. 185,853; Dec. 11.
Colors, etc. Paint Commonwealth Color & Chemical Co. 179,360; Oct. 16.
Colors ground in oil, oil paints, enamel paint, etc. F. W. Geiler, Inc. 177,732; Sept. 4.
Colors, paste and ready-mixed paints, varnishes, oil pastes, and shellacs, Dry. Albert K. Sheldon Company. 179,747; Nov. 20.
Colors, varnish stain, etc. California Paint Company. 166,812; Mar. 27.
Colors, Water. American Crayon Company. 184,488; Oct. 23.
Composition for treating metallic surfaces to prevent rust. American Rust Proof Co. 186,263; Dec. 25.
Covering composition, White. Samuel Cabot, Inc. 187,295; Dec. 4.
Dressing for painted and varnished surfaces and glass, Transparent. J. E. Dabner. 183,873; Oct. 2.
Enamel. Edward E. Allen Mfg. Co. 179,079; May 29.
Enamel and rubber paint, Black. National Compound Co. 179,313; Nov. 27.
Enamel finish. R. D. Freeman. 182,205; Sept. 18.
Enamels, Paint. Frank Bownes Company. 176,396; Apr. 17.
Enamels, Paint. J. C. Burris. 165,911; May 29.
Enamels, varnishes, and paints, Lead and zinc. Collins Art Company. 162,379; Mar. 20.
Filler, Transparent gum. Peerless Finishing Co. 150,928; Oct. 30.
Finishing and polishing materials in the nature of a varnish. Sheratone Products Corporation. 173,678; Apr. 17.
Finishing or polishing material. "Bear Cat" Products Co. 186,210; Nov. 20.
Finishing or polishing material. Surfix Chemical Co. 180,904; Sept. 4.
Floor dressing. N. S. Hillyard. 180,602; Aug. 14.
Floor dressing, Dance. T. Herzog. 184,243; Dec. 11.
Floor finishing and maintenance preparations, Liquid. Scofield, Evans and Company. 181,914; Oct. 23.
Gasoline and volatile compositions derived from petroleum. A. G. Burrow. 172,510; Feb. 27.
Glasses and enamels, Ready-prepared ceramic. Vitro Manufacturing Company. 168,625; Apr. 3.
Hydrocarbon black. United Oil & Natural Gas Products Corporation. 172,133; Apr. 10.
Lacquer, Cellulose. Fiberloid Corporation. 187,613; Dec. 11.
Lacquer compositions. W. H. Scheel. 175,326; Apr. 24.
Lacquer compositions. W. H. Scheel. 181,961; Sept. 4.
Lacquer, Pyroxylin. Flood & Conklin Company. 178,173; May 8.
Lacquer, varnishes, lacquers, and automobile top dressings, Book. Holliston Mills Inc. 185,081; Dec. 25.
Lacquers and enamels. E. I. du Pont de Nemours & Company. 162,384; June 19.
Lacquers, lacquer enamels, thinners, etc. Arizona Lacquer Mfg. Co. 186,768; Dec. 11.
Lacquers, lacquer thinners, and enamels. Egyptian Lacquer Manufacturing Company. 179,186; July 10.
Lacquers, thinners, and enamels. Egyptian Lacquer Manufacturing Company. 179,187; Oct. 23.
Lead, Pure white. Eagle Picher Lead Company. 170,757; Apr. 3.
Lead, Pure white. Eagle Picher Lead Company. 170,758; Feb. 13.
Lead, Substitutes for white. Tirma R. Kranenburg. 182,977; Oct. 2.
Lead, White. Anaconda Lead Products Company. 164,094; Jan. 9.
Lead, White. Chadwick-Boston Lead Company. 175,344; July 10.
Lead, White. James A. McCafferty & Sons Manufacturing Company. 168,645; Feb. 13.
Liquid compound in the nature of a furniture and automobile polish. Wonder Gloss Laboratories. 168,233; Jan. 9.
Liquid, Graining. B. E. Baxter. 176,395; May 15.
Liquid refinishing compound. E. B. Whitman. 171,973; Feb. 27.
Oil and other oils and polishes, Lemon. Lovell Oil Company. 183,713; Oct. 30.
Oil, Animal, fish, and vegetable. Cook & Swan Company. 179,658; Oct. 23.
Oil, Cleaning and polishing. H. M. Ruggles. 165,159; May 8.
Oil, Compounded. Hercules Powder Company. 176,829; May 8.
Oil, Compounded. Hercules Powder Company. 176,834; May 8.
Oil, Paint. James B. Sipe & Company. 179,331; July 3.
Oil, Pine. Hercules Powder Company. 176,830–3; May 8.
Oil, Pine. Hercules Powder Company. 176,835; May 8.
Oil, Thinning. R. J. Brown Petroleum Company. 166,646; Jan. 9.
Oil used in making high-gloss varnish. F. E. Booth Co. 167,553; Apr. 17.
Oil used in making ready-mixed enamels and paints. Geo. R. Unkefer, Inc. 172,135; May 29.
Oils for painted, varnished, and lacquered surfaces, Polishing. R. Douglas. 174,429; Apr. 10.
Oils, Motor. Velvet Oil Company. 178,684; May 22.
Oils, motor lubricating oils, and lubricants, Fuel. Barnsdall Refining Company. 158,560; Nov. 27.
Oils, Penetrating, lubricating. J. F. Piatt. 155,069; Nov. 27.
Oils, Petroleum and slab. Northwestern Bakers & Confectioners Co. 181,857; Oct. 23.
Oils, Rustproofing. American Chemical & Manufacturing Corporation. 169,432; Aug. 28.
Oily compound. G. H. Johnson. 178,850; Sept. 18.
Oxides, Red. J. A. McNulty. 177,684; June 19.
Paint. Edward E. Allen Mfg. Co. 179,080–1; May 29.
Paint. Goheen Corporation. 129,129. Mar. 27.
Paint. A. C. Horn Company. 176,738; May 1.
Paint. J. McLeod. 160,360; Mar. 20.
Paint. Nitrose Company. 159,690½; May 29.
Paint. Paraffine Companies, Inc. 183,588; Sept. 18.
Paint. Paraffine Companies, Inc. 183,591; Sept. 18.
Paint, Aluminum. S. Porcell. 158,193; Nov. 27.
Paint and paint enamel for furniture, Roofing. F. O. Schoedinger. 172,185; July 17.
Paint and paint thinner, Ready-mixed. Barrett Company. 173,269; Apr. 3.
Paint and varnish remover. C. W. Grant. 175,487; Apr. 3.
Paint and varnish remover. Marshall & Burke. 169,642; Jan. 9.
Paint and varnish remover. Paint Products Co. 179,952; Aug. 28.
Paint and varnish remover, Liquid. National Renovating & Supply Co. 185,135; Dec. 4.
Paint and varnish removers. Consolvo Manufacturing Co. 181,475; Oct. 2.
Paint and varnish removers. General Paint and Varnish Company. 183,281; Oct. 30.
Paint and varnish removers. F. P. Schmidt. 166,409; Jan. 9.
Paint, Boat. Westcott, Slade and Balcom Company. 178,647; July 17.
Paint coatings, bituminous paints, etc., Anticorrosive protective and waterproof. Hill-Hubbell and Company. 157,426; Mar. 20.
Paint, Cold-water. Muralo Company. 168,898; Jan. 9.
Paint, colors in oil, zinc paste, etc., Soft-tone flat wall. Winchester Repeating Arms Co. 175,751; Sept. 11.
Paint composition, Dry. A. L. Rice, Inc. 165,507; May 15.
Paint, Enamel. C. A. Woolsey Paint & Color Company. 173,267; Feb. 13.
Paint, Enamel. C. A. Woolsey Paint & Color Company. 183,326; Nov. 6.
Paint enamel, White-. Paramount Paint & Varnish Co. 175,209; Apr. 10.

Classified list of trade-mark titles—Continued.

Paint enamels. American Varnish Co. 177,891–2; June 26.
Paint enamels. Baker Paint & Varnish Co. 174,604; Apr. 3.
Paint enamels. Frank Bownes Company. 170,619; Jan. 9.
Paint enamels, flat wall finish, and varnishes. General Paint and Varnish Company. 183,275–6; Oct. 30.
Paint enamels, flat wall finish, and varnishes. General Paint and Varnish Company. 183,278; Oct. 30.
Paint, fiber roof paint, varnish, paint enamel, etc., Wagon. Progress Paint Mfg. Co. 176,043; Apr. 17.
Paint, Flat wall. General Paint and Varnish Company. 183,274; Oct. 30.
Paint for metal surfaces, Primer. James B. Sipe & Company. 179,325; July 3.
Paint, lacquer, powder, and casting composition, Metal Metalon Products Corporation. 184,088; Oct. 23.
Paint, paint enamels, lacquers, prepared shellac, etc. Sherwin-Williams Company. 147,470; Feb. 13.
Paint, Lead, oil, and zinc. M. J. Merkin Paint Co. Inc. 174,583; Apr. 10.
Paint, linseed oil, etc., Oils. L. A. Stabler. 154,287; Apr. 3.
Paint, linseed oils, floor and furniture polish, etc., Oil. G. M. Budeke. 155,044; Feb. 13.
Paint, Liquid. Toch Brothers, Incorporated. 177,251; May 8.
Paint, Luminous. Gray & Bretey Co. 179,199; Sept. 4.
Paint, oil, oleo-resinous and varnish enamels, stains, etc. Truscon Steel Company. 179,244; Dec. 11.
Paint, paint enamels, japans, stains, etc. Sherwin-Williams Company. 145,131; Feb. 20.
Paint, paint enamels, stains, lacquers, etc. Martin-Senour Company. 155,358; Feb. 13.
Paint, papers, stains, etc. Sherwin-Williams Company. 136,241; Feb. 20.
Paint, Paste. James B. Sipe & Company. 179,326; July 3.
Paint, Paste and ready-mixed. Colonial Works. 180,097; July 3.
Paint pigment. American Crayon Company. 169,391; Jan. 2.
Paint pigments. Krebs Pigment & Chemical Company. 172,840–1; Mar. 27.
Paint, Prepared. Sewall Paint and Glass Company. 183,320; Oct. 2.
Paint products, Drier for. Sherwin-Williams Company. 173,581; Feb. 20.
Paint purposes, Paste for. New Jersey Zinc Company. 178,402; June 19.
Paint, Ready-mixed. American Asphalt Paint Co. 178,017; July 17.
Paint, Ready-mixed. H. B. Davis Company. 169,538; Mar. 27.
Paint, Ready-mixed. H. B. Davis Company. 174,168; Feb. 27.
Paint, Ready-mixed. Paramount Paint & Varnish Co. 172,208; Apr. 10.
Paint, Ready-mixed. W. B. Robeson. 170,089; Feb. 27.
Paint, Ready-mixed roof. Kling-Tite Products Co. 170,687; Jan. 9.
Paint remover. E. F. Miller. 166,747; July 10.
Paint, Semipaste. Minneapolis Linseed Oil Paint Co. 174,255; Feb. 27.
Paint, varnish, and paint enamel, Ready-mixed. Republic Varnish Company. 177,107; May 15.
Paint, varnish, paint enamel, etc. Regulation Paint Co. 176,044; May 8.
Paints. American Marine Paint Company. 174,987; Apr. 24.
Paints. Asbestos, Limited. 177,262; June 19.
Paints. J. F. Chisholm. 170,621; Jan. 9.
Paints. Gold Medal Water-Proofing Co. 168,605; Sept. 4.
Paints. Omaha Paint and Glass Company. 118,608; Dec. 25.
Paints. Regulation Paint Co. 183,596–7; Sept. 18.
Paints. M. D. Swartz. 186,810; Dec. 4.
Paints. Titanium Pigment Company. 173,111; Feb. 27.
Paints. E. M. and F. Waldo. 168,503; May 8.
Paints. Wall Paper Manufacturers Limited. 169,381; June 19.
Paints and anticorrosive solutions. S. A. Day Manufacturing Company. 184,601; Oct. 23.
Paints and paint enamels. Toch Brothers. 161,590–1; Nov. 13.
Paints and paint enamels, Ready-mixed. C. Drabek. 182,502; Sept. 4.
Paints and painters' materials. B. L. Daily. 143,811; Jan. 2.
Paints and shellac, Wood-preserving. Davey Tree Expert Company. 182,296; Sept. 11.
Paints and shellac, Wood-preserving. Davey Tree Expert Company. 183,054; Sept. 18.
Paints and varnishes. Glidden Company. 172,672; Sept. 11.
Paints and varnishes. Oliver Reeder & Son, Inc. 173,006; Apr. 17.
Paints and varnishes. St Louis Surfacer & Paint Company. 172,777; Apr. 17.
Paints and varnishes, Ready-mixed. Ferbert-Schorndorfer. 159,698; Jan. 2.
Paints and wall coatings, Water. Alabastine Company. 168,995; Mar. 20.
Paints and water colors. Munsell Color Company. 167,577; Feb. 13.
Paints, Cold-water. West Coast Kalsomine Company. 180,727; Sept. 18.
Paints, enamels. R. H. Oakley. 155,114; Mar. 13.
Paints, enamels, colors, etc. M. F. Keller. 137,528; Aug. 14.
Paints, enamels, etc., Preparation used in the manufacture of floor. Keystone Varnish Company. 176,351; Apr. 17.
Paints, enamels, stains, varnishes, etc. Acme White Lead & Color Works. 160,915; Sept. 11.
Paints, enamels, varnishes, etc. Thomson Wood Finishing Co. 181,873; Oct. 2.
Paints, etc. Barber Asphalt Paving Company. 168,350; Feb. 27.
Paints for waterproofing buildings, expansive joints, Asphaltic. Gardiner & Lewis. 141,367; Feb. 13.
Paints, house paints, paint enamels, etc., Ready-mixed. Kolbe Paint Company. 175,358; Apr. 17.
Paints, lacquers, varnishes, and a solvent for varnishes and paints, Ready-mixed. Naamlooze Vennootschap Lak-, Verf- & Vernisfabriek "Ivormica." 172,171; May 29.
Paints, Liquid and paste. Pittsburgh Plate Glass Company. 175,518; Apr. 17.
Paints, Liquid and paste. Pittsburgh Plate Glass Company. 177,451; Apr. 24.
Paints, mineral spirits. Barber Asphalt Paving Company. 168,349; Oct. 23.
Paints, Mixed liquid. Senora Paint Works, Inc. 177,752; June 19.
Paints, oil colors, varnish, etc. E. C. Peck. 183,499; Oct. 2.
Paints or calcimines, Wall-finish. McPhee & McGinnity Company. 172,605; Mar. 27.
Paints or cements. R. M. Lucas. 168,113–15; Nov. 13.
Paints, paint enamels, and stains. General Paint and Varnish Company. 183,271; Oct. 30.
Paints, paint enamels, japans, etc. Sherwin-Williams Company. 174,413; Apr. 17.
Paints, paint enamels, japans, varnishes, etc. Detroit White Lead Works. 171,985; Feb. 13.
Paints, paint enamels, japans, varnishes, stains, and fillers. Sherwin-Williams Company. 173,680–1; Mar. 20.
Paints, paint enamels, japans, varnishes, stains, and fillers. Sherwin-Williams Company. 173,787; Mar. 20.
Paints, paint enamels, japans, varnishes, stains, and fillers. Sherwin-Williams Company. 173,789; Mar. 20.
Paints, paint enamels, paint oils. Mound City Paint & Color Company. 172,170; Mar. 13.
Paints, paint enamels, stains, and varnishes. Monroe, Lederer and Taussig. 171,336; Feb. 13.
Paints, paint enamels, stains, and varnishes. Monroe, Lederer and Taussig. 171,811–12; Feb. 13.
Paints, paint enamels, stains, varnishes. Monroe Lederer & Taussig. 174,256; May 8.
Paints, Paste. Halove Company, The. 168,609; Feb. 13.
Paints, putty, linseed oil, and turpentine, etc. H. W. Webster. 160,908; Apr. 3.
Paints, putty, linseed oil, turpentine, etc., Dry, ready-mixed, and paste. Cincinnati Wall Paper Co. 160,871; Jan. 2.
Paints, Ready-mixed. Certain-Teed Products Corporation. 181,174; July 31.
Paints. Ready-mixed. Charles M. Childs & Co. Inc. 173,031; Mar. 20.
Paints. Ready-mixed. R. F. Johnston Paint Company. 186,553; Nov. 27.
Paints, Ready-mixed. Benjamin Moore & Co. 180,803; Sept. 4.
Paints, Ready-mixed. Riverside Paint & Varnish Company. 164,195; Feb. 27.
Paints, Ready-mixed wall. Rasmussen & Co. 170,695; Jan. 30.
Paints, Refractory. Adams & Jewell. 187,599; Dec. 11.
Paints, Roof and ready-mixed. Fries, Beall & Sharp Co. 169,584; Feb. 13.
Paints, varnishes, and colors. National Paint and Varnish Company. 183,985; Nov. 6.
Paints, varnishes, and enamel paints. Toch Brothers. 161,594; Dec. 25.
Paints, varnishes, and oils. N. V. Vernis- en Verffabriek v. h. J. Wagenmakers & Zonen. 172,391; Apr. 24.
Paints, varnishes, and paint enamels. Bennett Glass & Paint Company. 185,649; Dec. 4.
Paints, varnishes, and paint enamels. Enterprise Paint Mfg. Co. 174,001–2; Apr. 3.
Paints, varnishes, and paint enamels. Enterprise Paint Mfg. Co. 174,829; Apr. 17.
Paints, varnishes, and stains. United Paint-Up Stores, Inc. 172,302; Mar. 20.
Paints, varnishes, driers, paste paints, colors in oil, etc., Prepared. H. J. Kuhn. 171,023; Jan. 9.
Paints, varnishes, dry colors, etc. Columbia Varnish Company. 161,972; Jan. 9.
Paints, varnishes, dry colors, etc., Ready-mixed. M. L. Detourbe. 181,683–4; Sept. 4.
Paints, varnishes, enamels, colors, etc. W. B. Wheeler. 168,232; Feb. 20.
Paints, varnishes, enamels, wood fillers, etc. Enterprise Paint Mfg. Co. 172,735; Mar. 20.
Paints, varnishes, etc. G. A. Combs. 183,554; Oct. 23.

Paints, varnishes, etc. Enterprise Paint Mfg. Co. 174,826; Sept. 11.
Paints, varnishes, fillers, and shellacs, Ready-mixed. S. Joseph & Son Co. 180,285; July 10.
Paints, varnishes, japans, and paint enamels. Stanley Chemical Company. 162,514; Jan. 9.
Paints, varnishes, paint enamels. C. Drabek. 165,858; July 17.
Paints, varnishes, paint enamels. Enterprise Paint Mfg. Co. 174,827; Apr. 17.
Paints, varnishes, paint enamels, and dry pigment. Beadley-Wise Paint Co. 180,732; July 3.
Paints, varnishes, paint enamels, dry colors. Bradley-Wise Paint Company. 172,464; May 15.
Paints, varnishes, paint enamels, etc. Bradley-Wise Paint Company. 186,866; Dec. 25.
Paints, varnishes, paint enamels, stains, Ready-mixed. C. Drabek. 165,859; Sept. 4.
Paints, varnishes, paint oils, putty. F. Byron. 183,905; Dec. 4.
Paints, varnishes, putties, dry color, white lead, etc. Baker Paint & Varnish Co. 174,605; Apr. 3.
Paints, varnishes, stains and colors, etc. Assets Producing Company. 179,921; Sept. 4.
Paints, varnishes, stains, etc. Ready-mixed. Con-Ferro Paint & Varnish Co. 171,258; Feb. 13.
Paints, varnishes, stains, paint enamels, Ready-mixed. Star-Peerless Wall Paper Mills. 178,939; Aug. 28.
Paints, varnishes, varnish removers and enamel paints. Enterprise Paint Mfg. Co. 174,828; May 29.
Paints, wall size, and wall-paint thinners, Ready-mixed wall. Sewall Paint & Glass Company. 172,186; Feb. 27.
Paints, Water. Maxwell Paint Company. 172,338; Mar. 13.
Paints, Water-color. Société des Peintures Economiques "Fixalo." 149,149; Jan. 9.
Paints, water colors, etc., Tubed artist oil. Old Master Color Co. 174,025; May 29.
Paris white. Taintor Company. 176,315; Sept. 4.
Petroleum substitute for turpentine. Pure Oil Company. 155,319; Feb. 13.
Pigment in oil, Paste. G. C. Scott. 183,995; Oct. 23.
Plastered walls, Flat white coatings for use on. Toch Brothers, Incorporated. 183,128; Sept. 4.
Polish. J. Jenen. 174,142; Apr. 24.
Polish and cleaner. Channell Chemical Company. 175,346; Dec. 11.
Polish and cleaner, Automobile. C. W. Parker Co. 177,320; May 22.
Polish and cleaner for automobiles, phonographs, etc. W. La Lone. 178,615; June 19.
Polish and shellac, Liquid. J. Palise. 183,226; Sept. 18.
Polish, Automobile and piano. K. Smuckler. 173,939; July 3.
Polish, Automobile, piano, and furniture. A. N. Sanderson. 180,082; July 3.
Polish, Floor. W. K. Petrie. 166,091; Sept. 18.
Polish for automobiles, etc. Byrnes-Linn Products Co. 172,860; Mar. 20.
Polish for automobiles, furniture, etc. Red Chief Polish Manufacturing Company. 166,264; Oct. 23.
Polish for automobiles, furniture, etc. Sun-Bil Auto Polish Co. 177,926; May 8.
Polish for automobiles, pianos, etc. M. Hinton. 185,181; Dec. 11.
Polish for furniture, automobiles, etc. S. Schoener. 171,709; Mar. 13.
Polish for furniture, pianos, autos, etc. Visco-Chemical Products Company. 180,568; Sept. 11.
Polish for polishing enameled, painted, or varnished surfaces. Sheldon Booth & Co. 172,636; Mar. 13.
Polish for restoring the polish of musical instruments. J. Nicomede. 169,317; July 24.
Polish, Furniture. H. Asher. 170,603; Feb. 13.
Polish, Furniture. Buddy Products Co. 178,217; June 19.
Polish, Furniture. J. F. Dutra. 164,792; Mar. 27.
Polish, Furniture. W. T. Grant Company. 176,405; Apr. 24.
Polish, Furniture. Hayes & Armstrong. 183,210; Oct. 2.
Polish, Furniture. J. E. Smith. 175,529; Apr. 3.
Polish, Furniture and automobile. A. C. Boyd. 171,062; Aug. 14.
Polish, Furniture and automobile. Larson-Sorahan Co. 177,563; July 17.
Polish, Furniture and automobile. National Renovating & Supply Co. 185,138; Dec. 11.
Polish, Furniture and automobile. A. J. Pesci. 169,776; Oct. 23.
Polish, Furniture and automobile. Viller & Prost. 159,449; Apr. 3.
Polish, Lemon-oil. General Paint and Varnish Company. 183,280; Oct. 30.
Polish, Piano. A. S. Pilcher. 170,504; Feb. 13.
Polish, Powdered. W. C. Tauch. 179,171; Oct. 2.
Polish, Stove and furniture. S. Bernstein. 173,609; May 22.
Polish, top dressing, paint enamel, Body. G. A. Cerny. 181,338; Oct. 2.
Polishes, Automobile and furniture. F. & A. Chemical Company. 168,742; Mar. 27.
Polishes for automobiles and furniture. L. E. Beougher. 176,781; Apr. 24.
Polishes for furniture, automobiles, etc. Olson Brothers Company. 173,203; Apr. 24.
Polishes for furniture, floors, and automobiles. Chiswick Polish Co. 183,731; Dec. 4.
Polishes for painted, varnished, etc., surfaces. Windsor Polish Co. 184,883; Nov. 13.
Polishes, Furniture and automobile. P. S. Bern. 174,505; May 15.
Polishes, Furniture and automobile. Mansfield Chemical Company. 164,600; Apr. 10.
Polishes, Wax. Cantol Wax Company. 184,493; Oct. 23.
Polishing and cleaning automobiles, pianos, etc., Preparation for. J. C. Wilmot. 172,139; Jan. 9.
Polishing creams for painted, varnished, and lacquered surfaces. Callidendron Mfg. & Chemical Corp. 168,824; Jan. 9.
Polishing material for automobiles, etc. Carrier Chemical Company. 184,711; Nov. 6.
Polishing materials. Cleveland Chemical Corporation. 176,949; Sept. 18.
Polishing preparation. E. W. Softley. 186,969; Dec. 25.
Powder mixed with cold water and used as a wall coating, Dry. Muralo Company. 170,986; Jan. 9.
Protective composition in the nature of a paint for roofs. Ernst Zobel Company. 163,208; Oct. 2.
Putty. Allen Paint & Putty Works. 172,968–9; Feb. 20.
Putty, Compound to be used in place of red-lead. Gold Medal Water-Proofing Co. 168,882; Oct. 23.
Pyroxylin thinner. Flood & Conklin Company. 178,174; May 15.
Shellac products, Specially-prepared. L. F. Cassoff. 175,343; June 19.
Shellac, shellac gums, varnishes, etc. Adolphe Hurst & Company. 161,777; Mar. 20.
Shellac, varnishes, etc., Prepared. Shellac Co. of New York. 172,690; Mar. 13.
Size in dry powder form, Wall. Muralo Company. 173,201. Apr. 3.
Stains, paints, varnish, etc. S. C. Johnson & Son. 182,100; Sept. 25.
Stains, varnishes, and enamels. Chiswick Polish Company. 166,524; Jan. 9.
Stains, varnishes, fillers, and paints. Bridge-Sullivan Manufacturing Company. 183,249; Nov. 27.
Turpentine substitute. J. Mason. 170,395; Mar. 20.
Turpentine substitute. George Wills and Sons, Ltd. 163,160; June 26.
Turpentine substitutes. Newport Company. 175,940; Apr. 10.
Varnish. Atlantic Varnish Works, Inc. 172,504; Feb. 13.
Varnish. Frank Bownes Company. 181,054; July 10.
Varnish. Breinig Brothers, Inc. 179,654; July 10.
Varnish. J. C. Dolph Company. 178,716; Oct. 23.
Varnish. M. Gordon. 178,721; May 29.
Varnish. Milwaukee Paint & Varnish Works. 168,328; Apr. 24.
Varnish. Benjamin Moore & Co. 180,769; July 10.
Varnish. Pittsburgh Plate Glass Company. 175,517; Apr. 3.
Varnish and varnish stain products. Marshall-Wells Company. 185,031; Oct. 30.
Varnish and varnish stains. Blackburn Varnish Co. 176,784; May 15.
Varnish, Color. McPhee & McGinnity Company. 172,645; Feb. 13.
Varnish for the cementing of linoleums, etc. General Paint and Varnish Company. 183,279; Oct. 30.
Varnish, Liquid. Glidden Company. 183,378; Oct. 2.
Varnish restorer. Corlear Products Co. 172,466; Feb. 13.
Varnish, Rub. Moore & Kellar. 152,857; Jan. 9.
Varnish stain. Baker Paint & Varnish Co. 174,603; Mar. 20.
Varnish stains and paint enamel. Peaslee-Gaulbert Co. 179,882; July 3.
Varnish, stains, ready-mixed, paste, or dry fillers and paints. L. R. Carley. 160,588; Oct. 2.
Varnish, Uncolored. B. & T. Varnish Company. 184,113; Nov. 27.
Varnishes. Berry Brothers. 177,647; Apr. 24.
Varnishes. Martin Varnish Company. 167,882; Feb. 20.
Varnishes. Remien & Kuhnert Co. 175,885; Apr. 10.
Varnishes. Edward Smith & Company. 177,629; May 1.
Varnishes and stains. General Paint and Varnish Company. 183,282; Oct. 30.
Varnishes, enamel paint, gilding powders, liquid gold paint, etc. Gerstendorfer Bros. 172,938; Feb. 13.
Varnishes, paint enamels, varnish stains. Murphy Varnish Company. 154,986; Apr. 10.
Varnishes, paints, japans. N. Z. Graves, Incorporated. 169,548; Jan. 9.
Varnishes, stains, and paint enamels. General Paint and Varnish Company. 183,273; Nov. 13.
Varnishes, stains, paints, and paint enamels. R. H. Moran. 183,846; Dec. 25.
Varnishes, varnish stain, enamels, etc. Sewall Paint & Glass Company. 180,814; July 10.
Wall finishes. Hockaday Company. 179,939; Sept. 4.
Wall finishes and reducers. Hockaday Company. 179,940; July 3.
Waterproof enamel. Gold Medal Water-Proofing Co. 168,606; Sept. 11.

Classified list of trade-mark titles—Continued.

Waterproof refinisher. E. W. Woods. 177,886; July 10.
Wax dressing, Liquid. National Oil & Supply Co. 161,271; Feb. 27.
Wax for finishing and polishing floors, etc., and a paint and varnish remover. S. C. Johnson & Son. 182,102; Sept. 11.
Wax for polishing. Z. Thompson. 182,552; Oct. 2.
Waxes and wax stains. Continental Chemical Corporation. 173,913; Feb. 27.
White, Paris. Taintor Company. 176,314; May 1.
Whiting. Grangers Manufacturing Co. 182,242–3; Oct. 30.
Whiting. Taintor Company. 175,171; Apr. 17.
Wood paste filler, oil colors, enamel, etc. Edward E. Allen Mfg. Co. 179,078; July 10.
Wood preservative. Paul Mende, Inc. 185,790; Nov. 27.
Wood preservatives, Creosote. Western Electric Company. 183,240; Sept. 11.
Zinc oxide. Grasselli Chemical Company. 186,226; Nov. 13.
Zinc oxide. Grasselli Chemical Company. 186,228; Nov. 20.

CLASS 17.

Cigarettes. Ardath Tobacco Company. 171,978–9; Feb. 27.
Cigarettes. Ardath Tobacco Company. 171,982; Feb. 20.
Cigarettes. I. Blum. 178,213; July 3.
Cigarettes. E. Funke. 177,553–4; May 8.
Cigarettes. G. A. Georgopulo & Co. 168,260; Feb. 27.
Cigarettes. M. S. Jordanides. 173,328; Mar. 20.
Cigarettes. L. J. Limper. 185,787; Nov. 27.
Cigarettes. M. Melachrino. 177,859; Aug. 21.
Cigarettes. Penn Tobacco Company. 174,702; Apr. 10.
Cigarettes. Philip Morris & Co. Ltd. 179,416; June 12.
Cigarettes. Stephano Brothers. 178,636; June 12.
Cigarettes. Tobacco Products Corporation. 174,371; Feb. 27.
Cigarettes. Tobacco Products Corporation. 183,459; Sept. 11.
Cigarettes. Western Tobacco Company. 176,236; Apr. 24.
Cigarettes and smoking tobacco. Bonwit Teller & Co. 176,598; Dec. 4.
Cigarettes and tobacco. A. Coulapides, Inc. 184,392; Nov. 20.
Cigarettes, cigars, and smoking tobacco. General Tobacco Company. 184,334; Oct. 16.
Cigarettes, cigars, smoking and chewing tobacco, etc. V. Jones. 167,245; May 8.
Cigarettes, cigars, smoking tobacco. General Tobacco Company. 184,332–3; Oct. 30.
Cigarettes, cigars, smoking tobacco. General Tobacco Company. 184,335; Oct. 30.
Cigars. All Saints Cigar Co. 180,165; July 31.
Cigars. Alonso Bros. 171,245; Jan. 9.
Cigars. Arango y Arango. 170,676; Jan. 16.
Cigars. Bay State Cigar Co. 177,162; May 22.
Cigars. Maria Cabrelli and Baldassare Mirabile. 182,293; Sept. 25.
Cigars. W. F. Clegg. 174,195; May 29.
Cigars. Consolidated Cigar Corporation. 183,734; Sept. 11.
Cigars. Davis, Sherk & Mason Cigar Co. 182,654; Sept. 11.
Cigars. H. de Cabanas y Carbajal. 168,112; Feb. 13.
Cigars. T. F. Dutkanych. 180,171; July 10.
Cigars. Otto Eisenlohr & Bros. Incorporated. 177,477; Apr. 24.
Cigars. Otto Eisenlohr & Bros. Incorporated. 186,888; Dec. 25.
Cigars. Field Cigar Corporation. 177,176; Oct. 30.
Cigars. Gene-Vall Cigar Co. 163,677; May 29.
Cigars. General Cigar Co. No. 170,815; Jan. 2.
Cigars. T. G. Greanias. 158,307; Feb. 27.
Cigars. Havana Cigar and Tobacco Factories, Ltd. 177,969–70; Oct. 2.
Cigars. Havana Cigar Co. 171,319; Feb. 20.
Cigars. Hellerczyk Cigar Company. 165,626; Aug. 21.
Cigars. John C. Herman & Company. 179,599; July 17.
Cigars. Jacobstein Bros. 171,323; Feb. 13.
Cigars. Judge & Nagle. 182,311; Oct. 23.
Cigars. E. A. Kline. 176,632; June 12.
Cigars. La Dez Cigar Co. 172,023; Jan. 9.
Cigars. Lincoln Brothers. 184,342; Oct. 23.
Cigars. M. W. Lloyd. 185,302; Oct. 23.
Cigars. Ruy Lopaz Co. 172,772; Mar. 20.
Cigars. A. E. McCall. 187,012; Nov. 27.
Cigars. A. E. McCall. 187,013; Dec. 25.
Cigars. C. H. Michael. 185,832; Nov. 27.
Cigars. H. Noliboff. 171,652; Feb. 6.
Cigars. Marcelino Perez & Company. 184,681–3; Nov. 20.
Cigars. Peoples Drug Stores, Inc. 157,690; Apr. 3.
Cigars. S. S. Pierce Co. 183,043; Sept. 11.
Cigars. S. Rodriguez. 178,360; May 8.
Cigars. S. Rodriguez. 178,869; May 29.
Cigars. S. Rodriguez. 182,262; Sept. 25.
Cigars. S. Rodriguez. 182,263; Nov. 6.
Cigars. S. Rodriguez. 182,264–5; Sept. 25.
Cigars. J. H. C. Schoettker Sons. 174,639; May 8.
Cigars. R. Schwartz. 179,486; June 12.
Cigars. R. J. Seidenberg Co. 178,003; July 3.
Cigars. J. W. Selker Cigar Co. 171,338; Jan. 16.
Cigars. H. Siebenmorgen. 186,934; Dec. 25.
Cigars. M. Stern. 169,516; May 8.
Cigars. Swint, Davis & Davis. 172,362; Apr. 10.
Cigars. Tampa Cigar Company. 182,115–16; Oct. 2.
Cigars. M. Valle y Ca., Inc. 167,032; Jan. 9.
Cigars. W. F. Wolfe. 170,420; Jan. 16.
Cigars. I. Yereshefsky. 175,494; May 29.
Cigars and smoking tobacco. Joseph Farfaglia & Co. 176,611; July 10.
Cigars and tobacco. Wm. Boucher & Sons. 174,816; Sept. 11.
Cigars, cheroots, and cigarettes. C. Fernandez. 174,432; Apr. 3.
Cigars, cheroots, and little cigars. Leopold Powell & Co. 149,480; May 15.
Cigars, cheroots, cigarettes, smoking and chewing tobacco. Moss & Lowenhaupt Cigar Co. 171,649; Feb. 13.
Cigars, cigarettes, and smoking tobacco. R. C. Importation Corporation. 173,857; Apr. 3.
Cigars, cigarettes, and smoking tobacco. J. Koppel. 185,125; Nov. 20.
Cigars, cigarettes, cheroots, smoking tobacco. R. J. Seidenberg Company. 185,796; Dec. 25.
Cigars, smoking and leaf tobacco. General Tobacco Company. 184,336; Oct. 16.
Tobacco. J. G. Flynt Tobacco Co. 183,563; Oct. 23.
Tobacco. Jaeger Kunnert Co. 185,021; Oct. 23.
Tobacco. Roth Tobacco Company. 182,006–7; Oct. 2.
Tobacco and cigarettes. Liggett & Meyers Tobacco Company. 138,771; Feb. 27.
Tobacco and the products for smoking and chewing, Leaf. J. H. Cooper. 173,914; Mar. 13.
Tobacco, Leaf. Suhling & Co. 172,019–20; Jan. 9.
Tobacco products. E. A. Kline. 182,591; Oct. 23.
Tobacco products. Zarro Tobacco Co. 177,887; June 12.
Tobacco, Smoking. Ardath Tobacco Company. 171,981; Jan. 9.
Tobacco, Smoking. Larus & Brother Company. 187,226; Dec. 25.
Tobacco, Smoking. Charles B. Perkins, Co. 173,980; Apr. 10.
Tobacco, tobacco for smoking and chewing, and snuff, etc., Raw. Orientalische Tabak- u. Cigarettenfabrik Yenidze, Inhaber, Hugo Zietz. 157,507; June 19.

CLASS 19.

Airplanes. Longren Aircraft Corporation. 168,976; Jan. 23.
Airships, balloons, kites, aviation and aeronautical accessories. Goodyear Tire & Rubber Company. 164,498; July 3.
Automobile accessories. Essandee Corporation. 154,586; Feb. 20.
Automobile accessories. Haines Manufacturing Corporation. 168,888–9; Mar. 13.
Automobile accessories. Haines Manufacturing Corporation. 178,841; July 17.
Automobile accessories. Haines Manufacturing Corporation. 183,925; Oct. 30.
Automobile accessories, Fabric covers for. Atlas Specialty Manufacturing Company. 174,057; July 17.
Automobile and constructive parts thereof. Star Motors Incorporated. 171,340; May 8.
Automobile and refrigeration trucks and refrigeration railroad cars. I. C. Refrigeration Co. 180,476; Aug. 14.
Automobile and truck bodies, cabs, motor busses, etc. Continental Car Company of America. 171,203; May 1.
Automobile baggage carrier. Leather Mat Manufacturing Co. 169,978; Nov. 20.
Automobile bodies. Diamond Cab Sales Corporation. 179,993; Aug. 14.
Automobile bodies. Fisher Body Corporation. 168,464; Apr. 3.
Automobile bodies. Pullman Company. 187,267; Dec. 11.
Automobile bodies, Commercial. Mifflinburg Body Company. 177,448; July 17.
Automobile bodies, Lever casings for bottoms of. Pettitt & Bickford Company. 173,981; June 12.
Automobile bodies, motor-truck bodies, truck tops, etc. X-Ray Incubator Company. 166,616; Jan. 2.
Automobile bodies, tops, and wheels. E. W. Erdmann. 154,016; Nov. 20.
Automobile bumper. Eaton Axle & Spring Company. 186,632; Dec. 11.
Automobile bumper. J. M. Hays Wood Products Company, Division of Standard Crate & Filler Company. 172,629; May 29.
Automobile bumpers. A. P. Crell. 166,434; Jan. 9.
Automobile bumpers. New York Wire & Spring Company. 173,716; Aug. 28.
Automobile bumpers. New York, Wire & Spring Company. 173,717; May 1.
Automobile bumpers and parts therefor. Quinn Reade Motor Vehicle Fender Co. 165,821; June 5.
Automobile bumpers, bumper brackets and fittings, etc. Cox Brass Manufacturing Company. 162,806; Apr. 17.
Automobile cabs and trucks. Checker Cab Manufacturing Corporation. 169,576; Apr. 17.
Automobile dog carrier. H. J. George. 179,195; Aug. 7.
Automobile luggage carriers. Lanton Auto Equipment Company. 185,972; Nov. 27.

Automobile, Passenger-carrying. Willys-Overland Company. 185,946; Dec. 25.
Automobile radiators. Opitz Manufacturing Company. 172,291; Oct. 23.
Automobile rear-view mirrors and windshield wings. Kokomo Automotive Mfg. Co. 186,278–9; Dec. 11.
Automobile robe container. Rolzup Auto-Robe Corporation. 170,157; Feb. 6.
Automobile springs, Covers for. Dasco Spring Cover Co. 159,854; Mar. 13.
Automobile steering-gear-control wheels. Rollaway Motor Company. 162,853; Apr. 10.
Automobile sunbeam visor. Thoma & Son, Inc. 158,460; Mar. 13.
Automobile taxicabs. Yellow Cab Manufacturing Co. 171,976; May 22.
Automobile taxicabs. Yellow Cab Manufacturing Co. 178,487–8; Aug. 28.
Automobile tops. Sterling Top & Equipment Company. 175,573; May 22.
Automobile vehicles, Wheels for. Motor Wheel Corporation. 177,191; Oct. 16.
Automobiles. Societa Anonima Edoardo Bianchi. 168,907; Jan. 30.
Automobiles. Stephens Motor Car Company. 175,571; May 8.
Automobiles. Stephens Motor Car Company. 175,572; May 1.
Automobiles and automobile chassis. A. Faure. 178,170; Aug. 7.
Automobiles and constructive parts thereof. Locomobile Company of America, Incorporated. 172,002; May 8.
Automobiles and motor trucks, etc. Goodyear Tire & Rubber Company. 169,483; Oct. 16.
Automobiles and other vehicles, Grips for steering wheels of. W. F. Ridge. 174,261; July 17.
Automobiles and other vehicles, Signal devices mounted upon. Faurot-Scope Corp. 161,483; Aug. 7.
Automobiles and taxicabs. Checker Taxi Co. 175,001; June 12.
Automobiles, automobile trucks, boats, etc. Societe Anonyme des Anciens Etablissements Panhard & Levassor. 184,305; Dec. 4.
Automobiles, automobile trucks, boats, etc. Societe Anonyme des Anciens Etablissements Panhard & Levassor. 184,307; Dec. 4.
Automobiles, chassis, and accessories. Robertson, Stelling Corporation. 177,999; Oct. 16.
Automobiles, Glass curtain lights and frames for. E. W. Hornung. 169,904; July 17.
Automobiles, Hydraulic shock absorbers for. Lovejoy Manufacturing Company. 177,090–1; July 17.
Automobiles, Windshield visors for. Grigsby-Grunow-Hinds Co. 167,390–1; Aug. 14.
Axles for motor-driven vehicles and parts of such axles, Variable-speed. Perfecto Gear Differential Co. 148,296. Mar. 27.
Bicycle. L. A. Olmsted. 170,664; Jan. 23.
Bicycles. Bacharach-Rasin Co. 115,398; May 22.
Bicycles. Emblem Manufacturing Company. 169,160; Aug. 28.
Bicycles. Great Western Manufacturing Company. 115,583; Dec. 25.
Bicycles. Westfield Manufacturing Company. 171,050; Feb. 27.
Bicycles and motor cycles. Fabbrica Automobili e Velocipedi Edoardo Bianchi. 168,877; Jan. 30.
Bicycles and motor cycles and parts therefor, etc. Mannesmannröhren-Werke. 163,691; Aug. 14.
Bicycles, Automobiles, motor cycles, tricycles, and bicyclettes. La Societe Anonyme des Automobiles Unic. 167,249; Mar. 13.
Bicycles, tricycles, and parts thereof. Westfield Manufacturing Company. 172,456; Sept. 4.
Bicycles, tricycles, motor trucks, etc. Humber Limited. 154,513; Apr. 24.
Boats. Electric Boat Company. 182,706; Nov. 27.
Bobsleds, Abraham & Straus, Inc. 181,580; Oct. 16.
Brakes, Vehicle. Hydraulic Brake Company. 184,941; Dec. 25.
Buggies and carriages, bodies and tops of the same, automobile bodies and tops, etc. F. A. Ames Company. 153,426; Jan. 23.
Bumpers. C. G. Spring Company. 177,072; June 12.
Bumpers. C. G. Spring Company. 179,705–7; July 17.
Bumpers, bumper brackets and fittings. Cox Brass Manufacturing Company. 162,803–4; Apr. 17.
Busses and parts thereof, Motor. New York Transportation Co. 184,675; Nov. 27.
Busses, Motor. International Motor Company. 152,425; May 22.
Cab bodies, Commercial. McCrea Mfg. Co. 173,572; Dec. 11.
Carriages and gocarts, Baby. Heywood-Wakefield Company. 171,458; Apr. 10.
Carriages and gocarts, Baby. Westfield Manufacturing Company. 169,942; Jan. 23.
Carriages, Baby. Westfield Manufacturing Company. 171,051; Apr. 17.
Carriages, sulkies, and strollers, Baby. Lloyd Manufacturing Company. 149,089; Oct. 16.
Car roof, Railway-. Hutchins Car Roofing Company. 177,669; June 12.
Cars. Koppel Industrial Car & Equipment Company. 165,447–50; Mar. 13.
Cars, bicycles, etc., Motor. Rover Company. 173,009; June 12.
Cars, Motor. Ford Motor Company. 170,014; July 17.
Cars, Motor. Grant Motor Car Corporation. 132,337; Feb. 27.
Cars, Motor. Peerless Motor Car Company. 174,483; Aug. 28.
Cars, Railway gasoline motor. Mudge & Company. 180,445; Oct. 16.
Cars, Railway gasoline motor. Mudge & Company. 180,448; Oct. 16.
Cars, Railway gasoline motor. Mudge & Company. 180,451; Oct. 16.
Cast chilled wheels, industrial cars, shop cars, push cars, etc. Ramapo Ajax Corporation. 178,358; Aug. 7.
Conveyances for children, Hand-propelled. Filbert-Greer Manufacturing Company. 165,077; Mar. 13.
Curtain-window lights and vehicle top fabrics. H. Scherer & Company. 178,065; Aug. 28.
Cycles. Emblem Manufacturing Company. 169,159; Dec. 4.
Cycles. Humber Limited. 154,512; Jan. 30.
Cycles, Foot-propelled. Emblem Manufacturing Company. 169,161; Aug. 7.
Cycles, motor cycles, automobiles, aeroplanes, carriages. Ariel Works Ltd. 137,252; Aug. 14.
Dollies. Sharon Pressed Steel Co. 165,765; Feb. 6.
Draftarms. American Steel Foundries. 164,216; Jan. 23.
Engines, Radiator shutters for internal-combustion. Irving Engineering-Sales Co. 167,722; July 17.
Golf-bag holders. Smith & Gregory. 177,525; Nov. 27.
Journal boxes and lids, railway cars, etc. Allegheny Steel Company. 169,795; Dec. 11.
Luggage carriers, shock absorbers, combined fender braces and bumpers. Marquette Manufacturing Company. 176,561; July 24.
Mirrors for automobiles, Rear-view. E. C. A. Berger. 177,646; June 19.
Mirrors for vehicles, windshields, wings, shock absorbers, etc. Trico Products Corporation. 170,910; Apr. 3.
Motor cycles. Ace Motor Corporation. 175,908; Mar. 13.
Motor cycles. W. Korn. 175,086; Apr. 10.
Motor cycles and bicycles. Excelsior Motor Mfg. and Supply Co. 167,718; July 17.
Motor cycles and perambulators, pillory-seat supports, and saddles for motor cycles. F. H. Headley. 129,890; May 8.
Oil and grease, Casings, coverings, and holders for. Lubri-Gaiters Limited. 182,421; Oct. 23.
Pedal covers. Durkee-Atwood Co. 174,612; May 1.
Poles, Engine push. Mummert Lumber & Tie Co. 177,315; Aug. 14.
Radiator caps. M. W. Grigsby. 168,526; Mar. 13.
Radiator caps. Helmet Cap Company. 172,532; Aug. 14.
Radiator caps. White Products Company. 146,186; Nov. 13.
Radiator caps, Automotive. Stewart-Warner Speedometer Corporation. 163,188; Nov. 27.
Recoil checkers. H. G. Cloyes. 168,102; Apr. 10.
Rowboats, Sheet-metal sectional. Alfred C. Goethel Co. 176,617; July 17.
Shock absorber. Crown Shock-Absorber Co. 167,224; Feb. 20.
Shock absorber, Automobile. Houdaille Company. 161,625–6; Oct. 23.
Shock absorbers. Aerobelle Company. 186,041; Dec. 11.
Shock absorbers. C. C. Cannan. 182,331; Dec. 11.
Shock absorbers for automobiles. Auto Specialties Manufacturing Co. 154,718; Oct. 16.
Sleds, Children's. The Fair. 170,573; Jan. 30.
Sleighs. J. Krysiak. 170,142; Feb. 6.
Spring covers and grease boots. David Feinburg Company. 172,643; June 5.
Spring covers and grease boots. David Feinberg Company. 177,286; July 17.
Springs, Vehicle. Standard Parts Company. 161,066; June 12.
Taxicabs. Barley Motor Car Company. 177,349; Aug. 14.
Taxicabs. Barley Motor Car Company. 182,123; Oct. 16.
Taxicabs, Automobile. Yellow Cab Manufacturing Co. 178,794; Nov. 27.
Taxicabs, Automobile. Yellow Cab Manufacturing Co. 180,315; Nov. 27.
Tire carriers. Packard Motor Car Company of New York. 182,521; Oct. 23.
Trailers. Sharon Pressed Steel Co. 165,766; Feb. 13.
Truck and car bodies. Continental Car Company of America. 170,008; Feb. 20.
Truck bodies. Heil Co. 176,466–71; June 12.
Trucks. Chase Foundry and Manufacturing Company. 165,668; July 3.
Trucks and automobiles, Motor. Graham Brothers. 172,272; May 1.
Trucks and structural parts thereof, Elevating industrial. Baker R & L Company. 168,705; Mar. 13.
Trucks and trailers, Industrial. Colby Steel and Engineering Co. 142,775; Apr. 3.
Trucks, Automobile. Federal Motor Truck Company. 168,924; Feb. 20.

Classified list of trade-mark titles—Continued.

Trucks, Floor. W. M. Nutting. 173,240; Apr. 17.
Trucks, Hand. Sharon Pressed Steel Co. 165,764; Feb. 13.
Trucks, Industrial. Eleveyor Electric Industrial Truck Co. 170,012; Feb. 13.
Trucks, Motor. Clinton Motors Corporation. 176,536; June 12.
Trucks, Motor. Menominee Motor Truck Co. 171,647; May 22.
Trucks, Motor. J. H. Pierce. 138,098; Mar. 27.
Trucks, Motor-propelled. Clark Tructractor Company. 157,136; Feb. 27.
Trucks, Pie, cooky, and bread rack, proof-box, etc. Union Steel Products Company. 178,008; July 17.
Vans or trucks, Moving. W. B. Hiner. 170,920; Mar. 13.
Vehicle axles and wheels, mounted wheels, and metal tires. Consolidated Steel Corporation. 162,982; Mar. 13.
Vehicle bodies and parts. Anthony Company. 155,538; Jan. 9.
Vehicle bodies, Commercial-motor-. U. S. Hame Company. 180,633; Oct. 23.
Vehicle bodies, Motor. American Body Company. 166,214; Jan. 9.
Vehicle cushion. E. A. Eiband. 181,518; Oct. 16.
Vehicle visor. Telulah Petralyke Company. 181,357; Dec. 25.
Vehicle visors. Telulah Petralyke Company. 181,358; Dec. 18.
Vehicles and parts thereof, Metal disk for motor. Wire Wheel Corporation of America. 178,793; July 17.
Vehicles, Cabs for. Sheet Steel Products Co. 184,686; Nov. 27.
Vehicles, Cushioned connections for use in. International Motor Company. 168,416; May 22.
Vehicles, Electrically-propelled road. Rauch & Lang, Inc. 136,726; May 22.
Vehicles, Gasoline. Rubay Company. 171,658; Aug. 28.
Vehicles, Metal parts for cushioned connections in. International Motor Co. 169,213; May 22.
Vehicles, Mirrors for motor. Kales Stamping Company. 172,597; Apr. 3.
Vehicles, Motor. Delmore Manufacturing Co. 151,259; Nov. 13.
Vehicles, Motor. Standard Motor Company Limited. 165,835; Jan. 2.
Vehicles, motor coaches and busses, Self-propelled. Mitten Traylor Inc. 180,818; Aug. 14.
Vehicles, Motor-driven. American La France Fire Engine Company. 184,052; Oct. 30.
Vehicles, Motor-driven passenger. Yellow Cab Manufacturing Co. 173,988; June 5.
Vehicles, Motor-driven passenger. Yellow Cab Manufacturing Co. 176,105; June 5.
Vehicles, particularly automobile bodies. Welbilt Auto-Body Co. 177,338; June 19.
Vehicles, Scuff and step plates for. Coast Specialty Sales Company. 180,689; Nov. 27.
Vehicles, Spark and throttle control levers for motor. Henry's Handy Handles Co. 167,176; Mar. 13.
Vehicles, Used and secondhand motor. Sterrett & Fleming, Incorporated. 176,369; July 17.
Visors, Sun. W. Modra. 167,645; Aug. 7.
Wagons. Bain Wagon Company. 183,354; Oct. 30.
Wheelbarrows. Sterling Wheelbarrow Co. 150,489; Jan. 23.
Wheelbarrows and concrete carts, Tubular and contractors'. Akron Barrow Company. 154,909; Mar. 13.
Wheelbarrows and parts thereof. Kilbourne & Jacobs Manufacturing Company. 168,845; Feb. 6.
Wheels of automobiles and industrial-cars. Ellis Resilient Wheel Corporation. 178,239; July 17.
Wheels, Vehicle. Hall Wheel Corporation. 170,137; Feb. 13.
Wind screens for use with vehicles. Easting Windscreens Limited. 171,987; Apr. 24.
Windshield shade. Wedler Shuford Co. 142,367; Feb. 6.
Windshield shades, Motor vehicle. MotoVisor Company. 149,858; Sept. 11.

CLASS 20.

Fabrics for floor coverings, table coverings, etc., Oil. James, Baron Ashton. 172,191; Dec. 4.
Floor covering. Empire Carpet Co. 179,092; June 19.
Floor coverings. Salem Manufacturing Company. 174,153; Apr. 3.
Linoleum. James, Baron Ashton. 172,192; Dec. 4.
Linoleum. O. W. Richardson & Co. 175,945; May 15.
Linoleum and oiled cloth. Carter Dry Goods Co. 183,517; Oct. 16.
Linoleum and oiled cloth. Columbus-Union Oil Cloth Co. 181,383; Sept. 11.
Oilcloth. T. R. Goodlatte & Sons, (Inc.). 175,193; Apr. 24.
Oilcloth. T. R. Goodlatte & Sons, (Inc.). 183,145; Sept. 18.
Oilcloth. Julius Wile Sons & Co. 175,829; Apr. 3.
Oilcloth. Standard Textile Products Company. 181,500; Aug. 14.
Rubber-composition floor covering. Hupp Products Company, The. 175,196; Apr. 10.

CLASS 21.

Adhesive tape for electrical purposes. Baker, Hamilton and Pacific Company. 170,355; Aug. 7.
Aerial insulators and radio panels. American Hard Rubber Company. 176,778; May 8.
Alarm and signal devices, Electrical. W. J. Williams. 148,469; Feb. 20.
Automobile timers. Rodefeld Mfg. Co. 182,184; Aug. 21.
Automobiles, etc., Electrically-operated signals for. H. Leiser. 184,975; Dec. 4.
Bars and insulated wire cable, and cordage for electrical purposes. American Copper Products Corporation. 160,685; Apr. 24.
Batteries. Mogul Electric Company. 171,135; July 31.
Batteries and battery parts and supplies. Philadelphia Storage Battery Co. 177,616; July 10.
Batteries and parts, Lead storage. General Lead Batteries Company. 161,992; July 24.
Batteries and parts, Storage. Mack Battery Company. 169,065; May 22.
Batteries and parts thereof. Hood Rubber Company. 174,577; Mar. 27.
Batteries and parts thereof, Electric storage. Blue Ribbon Battery Company. 179,652; Nov. 20.
Batteries and parts thereof, Storage. Willard Storage Battery Company. 166,757; Apr. 24.
Batteries, battery cells, flash lights, lighting outfits. Yale Electric Corporation. 171,718; Jan. 9.
Batteries, Dry. National Carbon Company. 183,040; Dec. 18.
Batteries, Dry. National Carbon Company. 186,024; Dec. 18.
Batteries, Dry and storage. Advance Battery Mfg. Co. 177,463; Dec. 25.
Batteries, Electric. Cincinnati Storage Battery Company. 148,958½; Jan. 16.
Batteries, Electric. Englert Manufacturing Co. 152,609; Apr. 3.
Batteries, Electric. General Auto Electric Company. 153,244; Mar. 27.
Batteries, Electric. Michigan State Auto School, Inc. 174,092; June 26.
Batteries, Electric storage. A. Setzer. 164,129; Apr. 24.
Batteries, mine lamps, charging apparatus for mine lamps, and parts of such articles and apparatus, Storage. Koebler Manufacturing Company. 171,643; Jan. 9.
Batteries, Secondary electrical. Bartholomew Battery & Supply Co. 157,020; Apr. 3.
Batteries, Storage. Advance Battery Manufacturing Company. 154,633; Mar. 27.
Batteries, Storage. G. M. Biehl. 167,347; Apr. 3.
Batteries, Storage. Brown & Sehler Company. 178,816; June 26.
Batteries, Storage. Camel Dry Storage Battery Co. 164,694; June 26.
Batteries, Storage. Wearite Storage Battery Co. 179,976; July 31.
Batteries, Storage. White Cap Battery Mfg. Co. 177,157; May 29.
Battery charges. Fansteel Products Company. 182,966; Oct. 9.
Battery separators, Electric-. Indianapolis Manufacturing Company. 151,581; Sept. 4.
Battery switches, vacuum-tube sockets, lightning switches, etc. Heinemann Electric Company. 169,208; Feb. 6.
Brooders, Electrically-heated. H. H. Hall. 161,925; Mar. 27.
Cables, Rubber-covered electric wire. Seward Wire Company. 181,317; Dec. 18.
Canopies, Metal fixture. G. W. Conner. 174,234; May 29.
Cat whiskers. Foote Mineral Co. 185,823; Nov. 13.
Condensers, Electrical. L. A. Hazeltine. 176,678; May 8.
Condensers, Variable. Fett & Kimmel Co. 184,330; Nov. 13.
Conduits and insulated electrical conductors, Flexible electrical. Tubular Woven Fabric Company. 186,763; Dec. 4.
Conduits for electrical purposes, Fiber. Brown Company. 175,709; Apr. 24.
Contact points. Fansteel Products Company. 181,520; Aug. 21.
Cookers, Electric. Excel Electric Co. 184,716; Nov. 20.
Cookers, Electrical. Apex Electrical Manufacturing Company. 183,430; Oct. 23.
Cooking apparatus, Electrical. Apex Electrical Manufacturing Company. 182,639–41; Sept. 18.
Copper bars and strips, Finished commutator. Anaconda Copper Mining Company. 177,063; June 5.
Copper bars and strips, Finished commutator. Anaconda Copper Mining Company. 177,209; June 5.
Cords and plugs used to connect translating devices with lamp sockets, Combined. A. E. Berdon. 165,658; Jan. 9.
Crystal detectors and rectifiers. Dubilier Condenser and Radio Corporation. 178,333; June 5.
Curling irons, Electrical. Rogers Electric Company. 167,830; Oct. 9.
Cut-outs, receptacles, sockets, fuse plugs. General Porcelain Company. 172,219; Sept. 4.
Detector crystals. Foote Mineral Co 185,822; Nov. 13.

Dials for use with radio apparatus, Control. Pacent Electric Company. 177,241; June 5.
Dishwashing machines, Electrical. Wonder Portable Dishwasher Company. 182,454; Oct. 23.
Dynamos, electromotors and parts thereof, electrical apparatus. Deutsche Elektrizitäts-Werke Zu Aachen-Gerbe, Lahmeyer & Co. Aktiengesellschaft. 162,985; Apr. 3.
Electric appliances. Branford Electric Company. 172,634; Aug. 21.
Electric batteries. Wood-Craft Company. 182,030; Aug. 21.
Electric bulbs and lamps. P. Riesman. 174,924; May 8.
Electric conduit fittings. L. F. Brunner. 156,344; Apr. 3.
Electric conduits, Fittings for. M. W. Johnson. 182,054; Aug. 21.
Electric conduits, Fittings for. M. W. Johnson. 182,152; Aug. 21.
Electric conduits, Fittings for. M. W. Johnson. 182,542; Sept. 18.
Electric conduits, Fittings for. M. W. Johnson. 182,823; Sept. 18.
Electric connectors, wiring outfits, etc. H. A. Douglas. 142,829; June 26.
Electric generating plants. Kohler Company. 172,889; Feb. 20.
Electric generators, dynamo, motors, electric ignition apparatus, etc. Owen-Dyneto Corporation. 181,611; Sept. 4.
Electric heating apparatus for heating rivets, slugs, etc. Humil Corporation. 181,190; Aug. 21.
Electric hot plates. Liberty Gauge and Instrument Company. 182,711–12; Nov. 20.
Electric household appliances. Auerlicht Gesellschaft m. b. H. Kommanditgesellschaft. 177,538; June 19.
Electric light and power plant units. Universal Engineering Company. 172,810; Mar. 27.
Electric light and power plants, Unitary. Sunbeam Electric Manufacturing Co. 137,861; Aug. 21.
Electric light and power plants, Unitary. Sunbeam Electric Manufacturing Co. 137,862; Aug. 28.
Electric-light fixtures. E. F. Klein. 181,530; Oct. 9.
Electric-light outfits for Christmas trees, Decorative. General Electric Company. 171,165; Dec. 25.
Electric-light traffic signals for use on self-propelled vehicles. E. C. Taylor. 169,191; Feb. 13.
Electric-lighting brackets and ceiling fixtures. Christie-Williams Co. 180,362; Oct. 9.
Electric-lighting fixtures. Colonial Lamp & Fixture Works. 173,176–7; Mar. 27.
Electric-lighting fixtures. B. F. Klein. 181,531; Oct. 9.
Electric-lighting fixtures, also complete electric-lighting fixtures, Metal parts and fixtures for. B & L Metal Stamping Co. 164,489; July 24.
Electric-lighting fixtures and hangers, etc. Buffalo Chandelier Corporation. 183,357; Nov. 20.
Electric-lighting fixtures and parts thereof. Halcolite Company. 165,551; Jan. 9.
Electric lighting systems for use on railroad passenger cars, electric fans, water coolers, and storage batteries. Safety Car Heating and Lighting Company. 160,978; June 26.
Electric lights and lighting fixtures for motor cars. Motor Curve Light Company. 177,987; June 5.
Electric lights for automobiles, etc., and parts thereof. Radio-Lite, Inc. 172,394; Apr. 24.
Electric lights for motor vehicles. Pike-Lite Company. 170.079; Jan. 9.
Electric motors, Portable. Fitzgerald Manufacturing Company. 171,159; Jan. 9.
Electric resistance materials. Electrical Alloy Company. 165,365; Sept. 4.
Electric stoves, heaters, sadirons, etc. A. J. Lindemann & Hoverson Company. 167,575; Apr. 24.
Electric tail lights, stop lights, backing lights, etc. New England Pressed Steel Company. 171,430; Feb. 20.
Electric time switches, light flashes, transformers, etc. J. Eckelkamp. 177,689; July 10.
Electric vaporizers. Kase Electric Company. 172,421; Apr. 24.
Electric wiring. Youngstown Sheet and Tube Company. 182,845; Sept. 18.
Electrical and telephone apparatus. Cook Electric Company. 152,785; Nov. 20.
Electrical apparatus. City Electric Company. 182,399; Nov. 20.
Electrical apparatus. Electrical Specialty Company. 151,150; Oct. 23.
Electrical apparatus. Estate of Constant Potential System. 160,396; Jan. 2.
Electrical apparatus. E. J. G. Pacault. 138,019; Jan. 23.
Electrical apparatus. W. H. Priess. 173,721; Sept. 18.
Electrical apparatus, machines, and supplies. Johns-Pratt Company. 172,680; Mar. 27.
Electrical apparatus, machines, and supplies. Manhattan Electrical Supply Co. 169,134; Feb. 13.
Electrical apparatus, radio telephone and telegraph and signaling and transmission of power apparatus. Chicago Radio Laboratory. 170,969; Jan. 9.
Electrical condensers. Radio Condenser Co. 186,856; Dec. 4.
Electrical conductors, Insulating separator for. D. J Hoye. 183,653; Oct. 9.
Electrical control apparatus. Dalton, Whittier, True Company. 174,201; Apr. 24.
Electrical controlling devices, etc. Allen-Bradley Company. 176,438; May 8.
Electrical devices, Household. Allied Factories Corporation. 177,118; June 19.
Electrical fuses. Economy Fuse and Manufacturing Company. 186,318; Dec. 4.
Electrical instruments. Simplex Electrical Laboratories, Inc. 184.107; Dec. 18.
Electrical instruments for central-station uses. Eastern Specialty Company. 176,792; Oct. 9.
Electrical loud-speaking receivers, horns, etc. Bristol Company. 168,098; Jan. 9.
Electrical outlet fixtures. W. Symmes. 183,349–50; Oct. 9.
Electrical plug clusters. Benjamin Electric Manufacturing Company. 186,582; Dec. 4.
Electrical resistances. Post-Glover Electric Company. 172,764; Feb. 20.
Electrical starting, lighting, and ignition apparatus and parts thereof. Dayton Engineering Laboratories Company. 181,942; Nov. 20.
Electrical switches. Hart & Hegeman Manufacturing Company. 161,728; July 24.
Electrical switches, switchboards, switch boxes, etc. Frank Adam Electric Co. 169,269; Jan. 2.
Electrical wires, Protective covering for. Tubular Woven Fabric Company. 170,913; Apr. 3.
Electrically-operated apparatus for heating and blowing air for drying purposes. General Engineering & Construction Company. 162,675; Jan. 9.
Electrodes, Metal. Seymour Manufacturing Company. 175,951; June 26.
Electron tubes, sockets for electron tubes, rheostats, etc. Connecticut Telephone & Electric Company. 176,400; May 29.
Engines, Ignition-timing devices for internal-combustion. Ecometer Manufacturing Company. 151,151; Apr. 24.
Engines, Spark timers for internal-combustion. E. W. Turner. 173,302; Mar. 6.
Engines, Spark timers for internal-combustion. Upco Manufacturing and Sales Company. 179,017; July 31.
Engines, Timers for internal-combustion. Eclipse Specialty Manufacturing Company. 171,266; Jan. 9.
Engines, Timing switches for internal-combustion. C. L. Lilleberg. 152,511; Jan. 9.
Engraving machines, Electric. Engravograph Corporation. 181,261; Sept. 4.
Fans, Electric. Consolidated Electric Company. 186,946; Dec. 4.
Fireplaces, Artificial log for. W. E. Marshall. 182,979; Nov. 20.
Fire-prevention apparatus and systems and parts thereof. Pacific Fire Extinguisher Company. 167,414; Jan. 9.
Flatirons, Electric. Donnelly Machine Co. 182,573; Oct. 23.
Fuse plugs. W. O. Besaw. 167,929; Apr. 3.
Fuses, protective devices for radio apparatus, adapters, loud speakers, etc. M. B. Cohen. 183,195; Nov. 20.
Fuses, Safety device for handling electric. E. V. Gluck. 139,206; Jan. 23.
Grills, hammers, and grinders, Electric. Electro-Magnetic Tool Company. 171,068; Jan. 9.
Hair-curling irons, Electric. W. T. Grant Company. 175,656; June 12.
Hair driers, toasters, and waffle irons, Electrically-operated. Fitzgerald Manufacturing Company. 172,591; Feb. 20.
Hammers, Electric. National Electric Manufacturing Company. 175,881; Apr. 24.
Headlight dimmers, Electrically operated. Dimit Co. 171,121; Feb. 20.
Headlights for automobiles, motor cycles, etc., Electric. R. W. Harris. 167,773; Feb. 13.
Headlights of automobiles and motor cycles, Switch for dimming the. M. O. Devers. 185,247; Nov. 20.
Headlights, spotlights, and electric lamps. Darsie Manufacturing Company. 171,907; Jan. 9.
Heaters, radiant floor and wall heaters, etc., Electric water and air. W. W. Hicks. 174,962; Apr. 3.
Hot plates and flatirons, Electrically-heated. Central Flatiron Mfg. Co. 173,622; Mar. 27.
Indicators and signals for use on vehicles. Automotive Distributing Corporation. 169.115; Feb. 6.
Insulated electric wire. Acme Wire Company. 183,241; Oct. 23.
Insulating compounds, Electric. Waterbury Button Company. 168,740; Jan. 9.
Insulating material, Electrical. Respro Inc. 162,199; June 26.
Insulation purposes, Treated and untreated tapes for electrical. Mica Insulator Company. 173,844; Apr. 24.
Insulators and knobs. Illinois Electric Porcelain Company. 167,354; May 29.
Insulators for high-tension insulation. Locke Insulator Corporation. 163,526; Feb. 20.
Knife switches, panel boards, switchboards, and fuse reducers. Plainville Electrical Products Company. 171,432; Apr. 24.
Lamp cord. Trebor Manufacturing Co. 173,056; Feb. 20.

Classified list of trade-mark titles—Continued.

Lamp fixtures, motors, and fans, Electric-. National Screw and Manufacturing Company. 179,418; July 24.
Lamp for use on vehicles, Stop-signal. D. & L. Manufacturing Co. 168,516; Feb. 20.
Lamp sockets, fuse sockets, and switches, Incandescent-. R. Eberhardt. 180,923; Sept. 4.
Lamp stands and bases, Electric-. French Fibre Co. 159,748; Feb. 20.
Lamp stands or bases and fixtures therefor, Electric. Jefferson Company. 170,768; Mar. 6.
Lamps, Automobile or vehicle electric. Doering Manufacturing Company. 183,202; Dec. 18.
Lamps, Automobile or vehicle electric. Doering Manufacturing Company. 186,222; Dec. 25.
Lamps, Electric. Advance Wood Turning Co. 164,150–1; Oct. 9.
Lamps, Electric. Parch-O-Lite Co. 174,026; Nov. 20.
Lamps, Electric automobile. American Auto Lamp Co. 165,600; May 29.
Lamps, Electric parking. Rae-Lite Mfg. Co. 182,769; Oct. 9.
Lamps, electromotors, dynamos, etc., Electrical. Philipps Aktien Gesellschaft. 150,286; Apr. 3.
Lamps for automotive vehicles, Signal electric. Pierce-Arrow Motor Car Company. 179,739; May 29.
Lamps, Guards for electric. Flexible Steel Lacing Co. 179,190; June 26.
Lamps, Incandescent. Nitrogen Electric Company. 173,577; Mar. 27.
Lamps, parts thereof, etc., Portable electric. American Electric Equipment Co. 175,754–5; July 10.
Lamps, parts thereof, etc., Portable electric. American Electric Equipment Co. 175,758; July 10.
Lamps, parts thereof, etc., Portable electric. Home Lighting Equipment Corporation. 175,792; July 10.
Lamps, Portable electric. Bussmann Manufacturing Company. 180,746; Aug. 21.
Lamps, Portable electric. Greist Manufacturing Co. 180,978; Nov. 20.
Lanterns, Electric. A. J. Cole. 177,036; July 10.
Lighting-fixture clusters, Electrical. Benjamin Electric Manufacturing Company. 186,583; Dec. 25.
Lighting fixture, Electrical. St. Louis Brass Manufacturing Company. 176,226; May 29.
Lighting fixture units, Electrical. Benjamin Electric Manufacturing Company. 166,277; Oct. 23.
Lighting plants, Individual. Farmelectric Utilities Corporation. 182,742; Sept. 18.
Lightning arresters. T. Patrycki. 175,884; May 8.
Lightning arresters. Westinghouse Electric & Manufacturing Company. 176,864; Apr. 24.
Lightning arresters and rods, tips, and connectors thereof, trolley poles, etc. Mannesmannröhren-Werke. 163,693; Aug. 7.
Load transformers, testing switches, etc., Artificial. Eastern Specialty Company. 176,887; Oct. 30.
Magnetos and electric motors. Fabriques des Montres Zénith. 171,014; Apr. 3.
Mica condensers. Radio Supply & Service Corp. 171,433; Mar. 27.
Motor horns, Electrical. United Electrical Manufacturing Co. 172,787; Mar. 27.
Motors and parts, controllers and parts, electric lamps, etc., Electric. Singer Manufacturing Company. 181,703; Sept. 4.
Motors and parts thereof, Electric. H. B. Sherman Manufacturing Co. 181,223; Sept. 4.
Motors, Electric. Azor Motor Mfg. Co. 174,285; Mar. 27.
Motors, Electric. General Electric Company. 161,182; May 29.
Motors, Electric. Kimble Electric Company. 186,844; Dec. 25.
Motors, generators, and fans, Electric. Star Electric Motor Co. 152,036–7; July 24.
Motors, generators, and transformers, Electric. Charlotte Electric Repair Co. 175,300; Apr. 24.
Motors, generators, rotary converters, etc., Electric. Louis Allis Company. 183,790; Nov. 13.
Motors, Portable electric. Champion Appliance Manufacturing Company. 170,926; May 8.
Motors, switchboards, etc., Electric. M. R. Rodriques. 172,123; Nov. 20.
Outlet boxes. Electric Outlet Company. 173,129; Aug. 7.
Ovens for the toasting of ice cream, Electric. Toasted Alaskas Corporation of America. 162,592; Nov. 20.
Paste, Electrical binding. Marshall-Gerken Company. 173,775; June 12.
Phonograph and radio receiving sets, loud speakers, etc., Combination. Walter Lytton, Inc. 169,814; Sept. 4.
Phonographs, Electrical motors for. E. A. Farmer. 164,744; Mar. 13.
Plug sockets. Benjamin Electric Manufacturing Company. 186,865; Dec. 4.
Potheads, cable-end bells, etc., Single and multiple conductors and high and low tension. G & W Electric Specialty Co. 171,638; Jan. 9.
Pumps, Electrically-operated deep-well and turbine. Sterling Iron Works. 177,114; Oct. 9.
Radioadapters. Beckley-Ralston Co. 163,608; Oct. 9.
Radio amplifier horns. Sheip and Vandegrift, Inc. 181,572; Oct. 23.
Radio and telephone apparatus. Moss-Schury Mfg. Co. 183,119; Nov. 20.
Radio and telephone apparatus, Phones for use with. Marinette Electric Corporation. 182,353; Oct. 23.
Radio apparatus. E. T. Cunningham. 153,200; June 26.
Radio apparatus. De Forest Radio Telephone and Telegraph Company. 159,955; Jan. 9.
Radio apparatus. Domestic Electric Company. 169,626; July 10.
Radio apparatus. Dyer Company. 170,478; Jan. 9.
Radio apparatus. Fairmount Electric and Manufacturing Company. 170,131; Jan. 9.
Radio apparatus. C. Hardy. 175,865; May 29.
Radio apparatus. Radio Specialty Co. 169,869; Feb. 20.
Radio apparatus. Sayre-Level Radio Company. 175,741; May 29.
Radio apparatus. C. D. Tuska Company. 171,109; Jan. 23.
Radio apparatus. Victor Radio Corporation. 172,137; Feb. 20.
Radio apparatus and parts therefor, Transformers used in. American Transformer Company. 175,289; May 1.
Radio apparatus and parts thereof. Sayre-Level Radio Company. 175,740; June 5.
Radio apparatus, Connecting plugs for. Dubilier Condenser & Radio Corp. 181,254; Oct. 30.
Radio apparatus, Dials made of hard rubber for. American Hard Rubber Company. 175,694; May 8.
Radio apparatus, parts, and supplies. A. J. Meyer Mfg. Co. 165,755; Mar. 6.
Radio apparatus, Parts for. Alden Manufacturing Company. 180,953; Sept. 4.
Radio apparatus, Phones for use with. Marinette Electric Corporation. 176,635; May 29.
Radio apparatus, radio receiving sets, etc., Variometers, variocouplers, and transformers for. General Radio Corporation. 180,279; Aug. 7.
Radio crystals. Radiola Wireless Corporation. 168,786; Apr. 3.
Radio detector and amplifier tubes. O. & T. Electric Corporation. 180,293; July 24.
Radiodetectors. A. M. Barron. 185,358; Dec. 18.
Radio detectors. O. W. Towner. 174,947; Mar. 27.
Radio electric apparatus. Crown Radio Mfg. Corp. 184,202; Dec. 4.
Radio equipment. R. E. Goll. 174,388; Apr. 3.
Radio equipment. C. D. Potter Co. 175,437; May 29.
Radio equipment. Radio Frequency Laboratories, Inc. 174,260; Mar. 27.
Radio head sets, radiodetectors, radiocrystals, etc. L. S. Brach Manufacturing Co. 178,892; July 24.
Radio lightning arresters. High Tension Supplies Co. 180,763; Aug. 21.
Radio parts. Fallkill Radio & Electrical Co. 172,983; Mar. 27.
Radio phonograph adapters. Ekko Company. 181,519; Dec. 18.
Radio receivers, head sets, loud speakers, etc. G. K. Thompson. 179,630; Aug. 21.
Radioreceivers, radiodetectors, radioamplifiers, electrical condensers, etc. American Automobile Accessories Company. 170,476; Jan. 30.
Radio receiving and transmitting apparatus. Chicago Radio Apparatus Co. 165,227; Nov. 20.
Radio receiving and transmitting instruments and parts thereof. North American Radio & Supply Corporation. 168,936; Dec. 18.
Radio receiving and transmitting sets. R. G. Cuthbert. 173,956; July 10.
Radio receiving and transmitting sets and parts thereof. Baldwin Radio Electrical Manufacturing Co. 166,344; Oct. 30.
Radio receiving and transmitting sets, various parts thereof, and radio head phones. H. R. Wakem. 179,567; Aug. 21.
Radio receiving apparatus. A. H. Grebe & Co. 165,375; Nov. 20.
Radio receiving apparatus and parts thereof. C. A. Birchfield. 181,009; Oct. 9.
Radio receiving apparatus and parts thereof. Pal Radio Company. 183,537; Nov. 20.
Radio receiving apparatus, detectors, etc. A. W. Haninger & Sons. 171,797; Feb. 13.
Radio receiving outfits. D. Grimes. 174,657; Apr. 24.
Radio receiving set to an electric-light circuit, Plugs for connecting a. U. S. Radio Company. 183,865; Nov. 20.
Radio receiving sets. Danziger-Jones, Inc. 179,364; Oct. 9.
Radio receiving sets. Edwards & Company. 165,533; Feb. 20.
Radio receiving sets. Globe Art Mfg. Co. 168,034; Nov. 20.
Radio receiving sets. L. A. Hazeltine. 176,676; May 29.
Radio receiving sets. Jackson & Finkenaur. 168,925; Aug. 21.
Radio receiving sets. Jackson & Finkenaur. 170,529; Jan. 30.
Radio receiving sets. Marinette Electric Corporation. 176,634; Apr. 24.
Radio receiving sets. Oard Radio Laboratories. 170,894; Jan. 30.
Radio receiving sets. Radio Corporation of America. 174,859; Apr. 24.

Radio receiving sets and antennæ and parts thereof, head phones, etc. Perry Desjardins & Temple Co. 168,000; Jan. 23.
Radio receiving sets and parts therefor. Colin B. Kennedy Company. 180,706; Aug. 21.
Radio receiving sets and parts thereof. Horne Manufacturing Co. 164,317; May 29.
Radio receiving sets and parts thereof. Colin B. Kennedy Company. 180,705; Oct. 9.
Radio receiving sets and parts thereof. Mignon Electric Manufacturing Corp. 167,005; Nov. 20.
Radio receiving sets and parts thereof. H. R. Rose. 182,847; Nov. 20.
Radio receiving sets and parts thereof. R-W Manufacturing Co. 172,357; Mar. 6.
Radio receiving sets and parts thereof. Sleeper Radio Corporation. 182,271; Oct. 9.
Radio receiving sets and parts thereof. Union Construction Company. 171,671; Feb. 20.
Radio receiving sets and parts thereof. F. Wommer. 173,548; Mar. 27.
Radio receiving sets and parts thereto. Rajah Radio Guild. 180,142; July 31.
Radio receiving sets, loud speakers, batteries, amplifying horns, etc. Lyradion Manufacturing Company. 175,091; June 26.
Radio receiving sets, parts thereof, antennæ and parts thereof, head phones, etc. Perry, Desjardins & Temple Co. 167,999; Feb. 6.
Radio receiving sets, radio receiving and sending set parts. Radio Engineering & Sales Co. 166,405; Jan. 16.
Radio rectifiers and cat whiskers. Rusonite Products Corporation. 175,739; May 29.
Radio sending and receiving sets. Bruno Radio Corporation. 171,442; July 31.
Radio sets. Union Construction Company. 171,670; Feb. 20.
Radio sets and coupling coils, condensers, detectors, etc. Cleveland Radio Manufacturing Company. 162,667; July 24.
Radio sets and parts thereof. American Radio & Electric Co. 169,572; Jan. 23.
Radio sets and parts thereof. Washington Radio Corporation. 164,617; June 5.
Radio sets and parts thereof, etc. Radio Corporation of America. 169,824; Jan. 30.
Radio sets, Individually-packed crystals (galena) for. A. S. Goldstein. 179,466; Oct. 23.
Radio signaling apparatus and parts thereof. Central Radio Laboratories. 178,164; July 24.
Radiosignaling, Electric apparatus for. Federal Institute of Radio Telegraphy. 170.633; Feb. 27.
Radio telegraph and telephone apparatus and appliances. C. M. Kemper. 169,909; Feb. 20.
Radio telegraph and telephone instruments and sets and parts therefor, etc. Atwater Kent Manufacturing Company. 180,410; Aug. 21.
Radio telephone and telegraph apparatus. De Forest Radio Telephone and Telegraph Company. 167,229; June 26.
Radio telephone and telegraph receiving sets and transmitting sets and parts. De Forest Radio Telephone & Telegraph Company. 175,472; June 26.
Radio telephone and telegraphic instruments and parts thereof. Union Radio Corporation. 162,091; Apr. 24.
Radiotelephone attachments. Master Radio Corporation. 171,543; Feb. 20.
Radiotelephone attachments. Master Radio Corporation. 171,544; May 29.
Radio telephone receivers and radio sets and parts of radio sets. Triangle Electric Trading Company. 169,732; Jan. 23.
Radiotelephone receiving loops, radiofrequency transformers, etc. Mu-Rad Laboratories, Inc. 185,665; Dec. 4.
Radiotelephony, Apparatus and appurtenances used in. U. S. Tool Company. 178,783; June 26.
Radio transmitting and receiving sets and parts thereof, etc. Continental Radio & Electric Corporation. 175,712; Sept. 4.
Radio transmitting and receiving sets, Assembled. Aeolian Company. 166,124; Aug. 21.
Radio tuning coil. Radiogem Corporation. 169,184; Jan. 30.
Radio use, Electrical connector clips and clamps for amateur. H. M. Hill. 178,612; Sept. 4.
Ranges and stoves, Electric. Tappan Stove Co. 172,449; July 10.
Ranges, Electric. F. M. Eldredge. 171,788; Feb. 13.
Rectifiers and rheostats, Electric. Automatic Electrical Devices Company. 185,403; Nov. 13.
Reels of electric connecting conductors. Grigsby-Grunow-Hinds Co. 162,991; Sept. 4.
Resistance units, Variable. Electrad Corporation of America. 179,091; Oct. 9.
Rheostats. S. R. Hipple. 173,047; Oct. 23.
Rheostats. Malone-Lemmon Laboratories. 172,424; Feb. 20.
Rheostats, lamp sockets, electric flatirons, etc., Compression. Electric Regulator Mfg. Corp. 181,439; Oct. 23.
Rubber-covered wire and cords. Tubular Woven Fabric Company. 166,154; May 29.
Sadirons, curling irons, percolators, etc. Electrically-heated. Interocean Holding Company. 170,387; Jan. 9.
Sadirons, Electric. Dover Manufacturing Company. 178,236; June 5.
Sadirons, Electric. Jordan Marsh Company. 173,890; Apr. 24.
Sadirons, Electric. G. Loring. 149,856. Jan. 9.
Sheet-metal products. Cal-Met Mfg. Co. 161,034; Oct. 9.
Signs. Flexlume Corporation. 169,630; July 24.
Signs, Electrically-illuminated. Thomas Cusack Company. 177,217; Oct. 9.
Soldering iron, Electrical. Electric Heat Unit Co. 179,402; June 26.
Spark plugs. T. & H. Nichols. 177,101; May 29.
Spark plugs. H. R. Palmer. 176,205; May 8.
Spark plugs. T-N-T Spark Plug Company. 175,225; July 10.
Spotlights. Cincinnati Lamp & Bracket Company. 152,987; Oct. 9.
Spotlights and light projectors. R. Golden. 179,145; June 26.
Spotlights, mountings, and parts thereof. Thal & Bitter Machine Co. 173,450; Mar. 6.
Stoves and ranges, Electric. American Range & Foundry Company. 173,551; July 24.
Stoves and ranges, Electric. Geo. D. Roper Corporation. 171,655; Feb. 6.
Stoves, Electric. Electric Appliances, Inc. 179,401; June 26.
Stoves, Electrical cook. W. B. McAllister Company. 154,987; Mar. 27.
Sweepers, Electric suction. Hoover Company. 175,244; Aug. 7.
Sweepers, Electric suction. Hoover Company. 175,245; May 8.
Sweepers, Electric suction. Hoover Suction Sweeper Company. 172,594; Mar. 27.
Sweepers and cleaners, Electric. Scott & Fetzer Company. 176,504; Oct. 9.
Switches and resistance control parts, Electric, telephone, and amplifier control, etc. M. Klosner. 174,579; July 24.
Switches, circuit breakers, etc., Electrical. Cutter Electrical and Manufacturing Company. 179,928; July 31.
Telegraph apparatus. Kleinschmidt Electric Co. 168,894; June 12.
Telephone adapters for coupling telephone receivers to sound amplifiers. Teagle Company. 179,337; June 26.
Telephone cords, electric-iron cords, etc., Supports for. Snappy Sales Co. 173.539; Apr. 3.
Telephone head sets. Radioceive Manufacturing Company. 164,075; Sept. 4.
Telephone instruments. S. F. Stein. 179,971; June 26.
Telephone jacks, plugs, and connections. Saturn Mfg. & Sales Co. 171,473; July 10.
Telephone plugs. L. de F. Munger. 173,576; Apr. 3.
Telephone receivers. E. A. Graham. 176,021; June 5.
Telephone receivers, Electrical. Metro Electrical Co. 177,795; June 5.
Telephone receivers, Electrical. Metropolitan Radio Corporation. 165,699; Feb. 13.
Telephone silencers. S. T. Cohane. 184,122; Dec. 18.
Telephone systems, Automatic. Automatic Electric Company. 171,721; Jan. 9.
Telephone systems, Automatic. Automatic Electric Company. 183,133; Oct. 30.
Telephones, Loud-speaking. C. Brandes, Inc. 185,915; Dec. 4.
Telephones, telephone receivers, transmitters, plugs, etc., Loud-speaking. Etna Radio Co. 177,218; June 19.
Telephonic head sets. Dictograph Products Corporation. 165,987; Dec. 4.
Telephonic receivers and head sets. Manhattan Electrical Supply Company. 174,253; Mar. 27.
Thermionic detector, amplifier, and oscillator tubes. E. T. Cunningham. 178,957; June 26.
Toy transformers. Lionel Corporation. 129,731; Sept. 4.
Traffic lights. Traffic Control, Incorporated. 175,417; May 8.
Transformers. Marle Engineering Company. 184,252; Nov. 13.
Transformers, Audiofrequency. Premier Electric Company. 183,162; Oct. 9.
Transformers, Electrical. L. A. Hazeltine. 176,677; May 8.
Trolley wires, etc., Ears, clamps, and hangers for suspending and supporting. Ohio Brass Company. 182,547; Oct. 9.
Trolley wires, etc., Ears, clamps, etc., for. Ohio Brass Company. 182,669; Oct. 23.
Vacuum cleaner, Electric. Birtman Electric Company. 175,380; May 29.
Vacuum cleaners, Electric. B. Altman & Co. 171,439; Jan. 9.
Vacuum cleaners, Electrically-driven. Landers, Frary & Clark. 175,799; May 8.
Vacuum tubes. Electrad Corporation of America. 173,960; Apr. 3.
Valve receiving and transmitting sets, etc. Dale, Forty & Co. 175,304; Aug. 21.
Variocouplers. Lanco Coupler Company. 187,109; Dec. 4.

Variocouplers, variometers, detector and amplifying units, etc. Ra-Do Corporation. 165,968; Feb. 20.
Variometers and variocouplers. G. H. Fisher & Co. 175,549; May 29.
Variometers and variocouplers. Pioneer Radio Corporation. 182,606; Oct. 9.
Vehicles, Electrical stop and direction signal light systems for. T. Katagi. 145,110; July 24.
Washing machines, Power and hand operated. Poole Engineering and Machine Company. 179,428; June 12.
Welding machines and electric tools for welding purposes and parts thereof, Electric. A-I Manufacturing Co. 125,101; June 5.
Welding machines, cables, etc., Electric. Wilson Welder & Metals Company. 118,198; July 10.
Wire and cables, Insulated. Kerite Insulated Wire & Cable Company. 178,106; July 24.
Wire and cables, Insulated. Kerite Insulated Wire & Cable Company. 178,107; May 29.
Wire composed of copper specially treated. American Copper Products Corporation. 160,686; May 8.
Wire for electrical purposes, Copper-clad leading-in. Canadian Consolidated Corporation. 160,860; Oct. 9.
Wireless apparatus. Wm. J. Murdock Co. 167,482; June 5.
Wireless apparatus, Electrical resistance for. Allen-Bradley Company. 186,974; Dec. 4.
Wireless receiving sets. Western Coil & Electrical Co. 185,394; Nov. 13.
Wireless receiving sets, Detector crystals used in. E. Reese. 172,494; June 5.
Wireless telegraphy and wireless telephony apparatus, Crystals or minerals for use in. Radio Mineral Company. 178,281; May 29.
Wireless telephone and telegraph receiving instruments, Sounding amplifiers for. M. W. Hirshfield. 168,529; Mar. 27.

CLASS 22.

Athletic outfits. Thos. E. Wilson & Co. 170,169–70; Jan. 30.
Bait, Salmon eggs for. Mrs. R. Carruthers. 183,362; Sept. 11.
Baits or lures, Fish. James Heddon's Sons. 173,191; Feb. 20.
Balls and clubs, Golf. J. R. McMullen. 177,503; May 29.
Balls and footballs, Golf. Martins Birmingham Limited. 173,972; May 1.
Balls and golf-stick grips, Golf. Marathon Tire & Rubber Company. 149,922; Oct. 23.
Balls, bats, etc. Maurice Rapoport & Co. 183,502; Oct. 23.
Balls, Golf. Crawford, McGregor & Canby Company. 171,617; Jan. 30.
Balls, Golf. Cuthbert S. Butchart Company. 168,454; Nov. 6.
Balls, Golf. Gimbel Brothers, Inc. 178,916; Aug. 21.
Balls, Golf. W. Hill. 175,393; Oct. 23.
Balls, Golf. Jordan Marsh Company. 178,923; May 29.
Balls, Golf. Kaufmann Department Stores, Inc. 186,429; Nov. 27.
Balls, Golf. Harry C. Lee & Company. 179,278; Aug. 21.
Balls, Golf. I. B. Levy. 171,503; May 8.
Balls, Golf. Morris Golf Ball Manufacturing Company. 177,098; May 29.
Balls, Golf. H. Sparrius. 174,534; May 1.
Balls, Golf. H. Sparrius. 174,537; May 1.
Balls, Golf. John Wanamaker, New York. 170,915; Jan. 16.
Balls, Golf. Thos. E. Wilson & Co. 182,948–9; Nov. 6.
Balls, Golf. L. A. Wimpfheimer. 171,776; Jan. 30.
Balls, Play and beach. Knoxall Novelties, Inc. 169,857; Feb. 6.
Balls, Rubber. Tyer Rubber Company. 181,966; Dec. 4.
Balls, Squash. Automobile Proprietary, Limited. 186,686; Nov. 27.
Baseball bats. Hillerich & Bradsby Co. 180,431–4; July 10.
Baseball bats. T. M. Shurtz. 177,458; June 19.
Baseballs and baseball gloves. Bon-Tober Sporting Goods Co. 179,394; July 3.
Baseballs, ball-players' gloves and mitts. Rawlings Manufacturing Co. 178,283; June 19.
Baseballs, bats, masks, etc. Alphen, Inc. 169,232; May 29.
Baseballs, mitts, basket balls, boxing gloves, etc. Draper-Maynard Company. 170,631; Jan. 2.
Bats, Baseball. Hillerich & Bradsby Co. 180,430; July 17.
Bats, Baseball. Hillerich & Bradsby Co. 184,728; Oct. 16.
Bats, Baseball. D. J. Marston. 183,658; Dec. 25.
Bicycles and velocipedes, Children's. D. P. Harris Hardware & Manufacturing Co. 182,581–3; Dec. 25.
Billiard cushions. William A. Spinks & Company. 184,874; Nov. 6.
Cards, Playing. Aikin & Aikin. 174,056; Apr. 10.
Cards, Playing. S. F. Hanzel. 183,065–7; Oct. 2.
Cards, Playing. S. F. Hanzel. 183,068; Dec. 4.
Cards, Playing. H. H. Havard. 186,706; Nov. 27.
Cards, Playing. New York Consolidated Card Co. 171,027; Feb. 27.
Cards, Playing. Russell Playing Card Co. 172,176; Jan. 30
Cards, Playing. Russell Playing Card Co. 175,948; May 29.
Cards, Playing. Russell Playing Card Co. 177,109; Apr. 24.
Cards, Playing. United States Playing Card Company. 178,536; Aug. 28.
Cards, Playing. United States Playing Card Company. 178,537–9; Aug. 21.
Cards, Playing. United States Playing Card Company. 184,269–71; Oct. 16.
Cards, Playing. United States Playing Card Company. 186,206; Dec. 25.
Cards, Playing. United States Playing Card Company. 187,704; Dec. 25.
Carrousels. E. Hoppe. 181,945; Aug. 21.
Cars, Kiddie. Rochester Toy Company. 121,785; Feb. 20.
Corrugated boxes, envelopes, etc. David Weber & Co. 180,511; Sept. 18.
Cushions, Game-table. Brunswick-Balke-Collender Company. 172,078–9; Jan. 30.
Doll. S. Bouvet. 173,319; Mar. 13.
Doll houses and furniture. G. A. Stetson. 173,791; Mar. 13.
Dolls. American Character Doll Co. 179,130; June 19.
Dolls. L. Boatright. 177,649; May 29.
Dolls. George Borgfeldt & Co. 175,338; May 15.
Dolls. George Borgfeldt & Co. 175,339; May 22.
Dolls. M. Browne. 171,610; Jan. 30.
Dolls. L. J. Eyles. 180,331; July 31.
Dolls. Madame Georgene, Inc. 180,003; July 31.
Dolls. P. P. Goerdeler. 180,536; Oct. 2.
Dolls. Jane Gray Company. 171,455; Jan. 2.
Dolls. Ideal Novelty & Toy Co. 183,524; Sept. 11.
Dolls. L. B. Kelley. 175,660; Apr. 24.
Dolls. F. O. King. 172,598; Jan. 30.
Dolls. F. O. King. 177,228; Apr. 24.
Dolls. Mah-Jongg Sales Company of America. 179,614; June 19.
Dolls. Nelke Corporation. 183,936; Oct. 16.
Dolls. S. Robert. 173,244; Feb. 6.
Dolls. Schoen & Yondorf Co. 186,675–6; Dec. 25.
Dolls. Seigenberg & Sher. 179,062; May 29.
Dolls. K. F. Sischo. 168,651; Apr. 3.
Dolls. Misses Tebbetts. 172,244; Jan. 30.
Dolls. Tut Manufacturing Company. 178,885; June 19.
Dolls. Uncle Wiggily Doll Co. 179,754; June 19.
Dolls. L. C. Worrell. 178,652; May 29.
Dolls and animals cut-outs. G. Lund. 181,134; July 31.
Dolls and contortional figures. I. K. Stubbs. 174,707; Apr. 10.
Dolls and doll outfits. G. Averill. 164,144; Apr. 10.
Dolls and puzzle games. Universal Feature & Specialty Company. 177,344; June 19.
Dolls and stuffed animals. Davis & Voetsch. 181,982; Aug. 28.
Dolls and toy favors. S. Robert. 173,247; May 15.
Dolls, Cloth and stockinet. A. P. Hickman. 183,382; Oct. 2.
Dolls, Combination headdress and waistband for. A. Corenson. 179,840; June 19.
Dolls, puzzles, etc. Wazu Novelty Company. 172,921; Dec. 25.
Dolls, rubber dolls, balloons, and squawkers. W. Caldwell. 179,709; Aug. 21.
False faces, toy mustaches and beards, toy wigs, etc. Dessart Brothers Inc. 172,979–81; Mar. 20.
Fish baits, Artificial. Water-Witch Company. 176,929; June 12.
Fishlines. Bevin-Wilcox Line Company. 175,595; Apr. 24.
Fishlines. Os-Jaco Braided Line Co. 182,987; Oct. 2.
Fishing flies and artificial bait. Horrocks-Ibbotson Co. 173,601; May 15.
Fishing hooks and leaders. C. Fredricks. 171,492; Jan. 23.
Fishing line. Ashaway Line & Twine Manufacturing Company. 182,494; Nov. 27.
Fishing lines. B. F. Gladding & Co. 154,689; Jan. 9.
Fishing lines. Newton Line Company Incorporated. 173,662; Apr. 10.
Fishing lines. Newton Line Company. 173,663; May 1.
Fishing lines. Newton Line Company Incorporated. 173,665; Apr. 10.
Fishing lines. Newton Line Company. 173,668; May 1.
Fishing lines. Newton Line Company. 173,669; Feb. 27.
Fishing lines. Newton Line Company Incorporated. 174,747; May 1.
Fishing lines. St. Joe Valley Line Co. 184,368; Nov. 6.
Fishing lines, rods, snelled hooks, and leaders. A. G. Hall. 180,065; July 3.
Fishing lines, Silk. Cortland Line Co. 164,386; Aug. 21.
Fishing nets. Stuarts & Jacks, Limited. 178,302; Nov. 6.
Fishing reels. A. F. Meisselbach Mfg. Co. 173,574; Aug. 28.
Fishing-rod mountings. W. W. Mildrum Jewel Co. 183,489; Oct. 23.
Fishing rods and reels. H. L. Leonard Rod Co. 172,336; Feb. 6.

Fishing rods, poles, lines, hooks, etc. Horrocks-Ibbotson Co. 173,602; Aug. 7.
Flotation devices, tennis balls, toy vehicles, etc. Mac Lean Drug Company. 178,755; Aug. 21.
Footballs, basket balls, baseballs, bats, gloves, etc. P. Goldsmith Sons Company. 169,478; Jan. 9.
Footballs, basket, soccer, and punching balls. William Sykes, Limited. 184,805; Dec. 25.
Footballs, football bladders, inflators, hip pads, etc. James W. Brine Company. 169,886; Feb. 20.
Game. Alderman, Fairchild Co. 177,206–7; May 29.
Game. Alderman, Fairchild Co. 178,423; July 17.
Game. Alderman, Fairchild Company. 181,050; July 17.
Game. Lubbers and Bell Manufacturing Company. 178,753; June 19.
Game. Mei Ren Company. 184,556; Dec. 4.
Game. M. C. Neuner. 142,162; Jan. 9.
Game. Pung-Chow Company. 179,111; May 29.
Game, Board. Parker Brothers. 172,955; Apr. 10.
Game, Card. Cummings & Johnson. 180,528; July 31.
Game, Card. E. G. Sloman. 177,143; July 17.
Game, Card. H. Storgaard. 178,699; July 3.
Game coupon punch board, Checker. J. D'Orio. 170,872; Nov. 13.
Game, Educational card. J. C. Shinn. 174,217; Oct. 2.
Game, Educational puzzle. Alpha Game & Toy Company. 174,275; June 19.
Game, Indoor table. Parker Brothers. 180,721; July 31.
Game of chance, Apparatus for playing a. J. Greig. 176,022; May 8.
Game, Parlor. H. S. Bird. 183,688; Nov. 6.
Game, Parlor board. G. C. Conley. 178,714; Aug. 21.
Game, Parlor board. Disc Alley Manufacturing Company. 165,010; Apr. 3.
Game, Parlor board. C. S. Muir. 181,301; Aug. 21.
Game, Parlor board. Rosenwald-Milius Co. 170,955; Jan. 16.
Game played with cards, game toys, and sporting goods, Table. A. L. R. Johnson. 172,746; Feb. 20.
Game played with cards, Parlor. Parker Brothers. 174,330; Apr. 10.
Game played with pieces, Chinese. Piroxloid Products Corporation. 186,757; Dec. 25.
Game played with pieces, Table. Noble and Noble. 177,102; May 15.
Game, Portable ninepin. B. H. Dyas. 187,376; Dec. 18.
Game, Racket. D. Fairbanks. 183,624; Oct. 16.
Game similar to tennis, Net. C. T. Shaffer. 183,000; Oct. 23.
Game, Table. L. La Borie. 181,196; Aug. 21.
Game, Table. J. S. Young. 172,812; Mar. 13.
Game, Table board. Block-Walsh Corporation. 181,010; July 31.
Games. Mei Ren Company. 184,557; Nov. 6.
Games and game apparatus. M. L. Brooks. 170,967; Apr. 3.
Games and parts thereof. Pung-Chow Company. 179,955–6; July 17.
Games and toys. American Soldier Co. 180,648; Aug. 21.
Games, Card. Parker Brothers. 175,210; May 8.
Games, Indoor golf. Modern Devices, Inc. 175,097; Mar. 27.
Games, Outdoor. R. F. Goodlett. 184,338; Nov. 6.
Games, Parlor. G. W. Sheppard. 175,217; Aug. 21.
Games, Parlor. G. W. Sheppard. 179,383; June 19.
Games, Parlor. G. W. Sheppard. 183,724; Dec. 25.
Gaming devices. J. H. Ewing. 174,360; May 1.
Golf bags. Winchester Company. 176,055; Apr. 24.
Golf balls. Cupples Company Manufacturers. 183,823; Dec. 4.
Golf balls. E. E. Marshall. 170,883–4; Jan. 9.
Golf balls. Worthington Ball Company. 182,889; Dec. 25.
Golf clubs. Allied Golf Company. 169,272; July 10.
Golf clubs. Braw Laddie Golf Company. 176,062; Apr. 24.
Golf clubs. Cuthbert S. Butchart Company. 168,453; Oct. 23.
Golf clubs. Crawford, McGregor & Canby Company. 171,613; Jan. 2.
Golf clubs. Crawford McGregor & Canby Company. 171,614; Mar. 13.
Golf clubs. Crawford, McGregor & Canby Company. 171,616; Jan. 2.
Golf clubs. Crawford, McGregor & Canby Company. 171,620–1; Jan. 2.
Golf clubs. Crawford, McGregor & Canby Company. 171,622; Feb. 20.
Golf clubs. Crawford, McGregor & Canby Company. 171,623; July 3.
Golf clubs. Crawford, McGregor & Canby Company. 171,625; Jan. 2.
Golf clubs. Crawford, McGregor & Canby Company. 171,627–9; Jan. 2.
Golf clubs. Crawford McGregor & Canby Company. 183,556; Oct. 16.
Golf clubs. Golf Specialty Manufacturing Company. 163,753; Mar. 20.
Golf clubs. U. A. Klin. 184,504; Nov. 6.
Golf clubs. L. L. Scott. 179,746; June 19.
Golf clubs. A. G. Spalding & Bros. 184,527; Nov. 13.
Golf clubs and balls. Crawford, McGregor & Canby Company. 159,558; Jan. 9.
Golf clubs and golf-club heads. Yardsmore Golf Club Manufacturing Company. 173,268; Oct. 23.
Golf clubs, balls, bags, irons, and tees. D. R. Griffiths. 175,390; May 29.
Golf-stroke practice and exercising device. A. W. Miller. 176,637; Apr. 24.
Hobby horses, children's automobiles, aeroplane toys. J. K. Selenkow. 156,031; Feb. 6.
Kindergarten material. E. Steiger. 154,769; Apr. 10.
Kindergarten materials. Nourse Company. 164,822; May 1.
Kites. C. Fritz. 185,013; Oct. 16.
Merry-go-round. Oxford-Print. 144,246; Oct. 2.
Miniature living-room suites, chairs, rockers, etc. T. S. Dowst. 158,974; Dec. 25.
Mjnnows, Artificial. J. Wigart. 182,946; Sept. 11.
Pistols. Kilgore Mfg. Co. 186,914; Dec. 4.
Pistols, grasshoppers, and canary songsters, Repeating cap. Victory Sparkler & Specialty Co. 164,527; Jan. 9.
Playground climbing frames. Junglegym, Inc. 155,408; Jan. 30.
Punching-bag platform and apparatus. Whitely Exerciser Company. 179,121; July 31.
Puzzles. T. C. Washington. 168,342; May 1.
Rackets, Tennis. C. L. Godfrey. 184,242; Nov. 6.
Racks used in connection with the game of Mah Juck. J. T. Gaffey. 174,770; May 15.
Rattles, Hand. I. J. Halpern. 174,961; May 1.
Rubber balloons and inflated balls, etc. Fred A. Wish Incorporated. 180,640; Aug. 21.
Rubber balloons, dolls, and squawkers. W. Caldwell. 184,063; Nov. 6.
Rubber dolls. Perfection Rubber Company. 184,363; Oct. 16.
Rubber hand and foot balls. H. Schnezler. 170,342; May 29.
Score sheets and pads, Bridge. A. L. Trowbridge. 173,452; Feb. 20.
Skates, baseballs, golf balls, etc. E. Byrnes. 182,130; Oct. 2.
Skates, Ice. American Sport Shop, Inc. 175,453; Apr. 24.
Skates, Ice. Samuel Winslow Skate Mfg. Co. 175,975; May 29.
Sleds. Safety Sled Company. 175,949; Apr. 24.
Sleds, Children's hand. Sheffield Mfg. Co. 174,530; Aug. 21.
Sleds, hand sleds with wheels, and toy wagons. Caster Company. 176,603; June 12.
Swimming apparatus. G. G. B. Kjelgaard. 187,822; Dec. 18.
Swimming appliances. P. J. Timberlake. 166,921; Jan. 2.
Swimming device or belt, Inflatable. G. Jordahn. 174,454; Apr. 10.
Tennis racket. Harry C. Lee & Company. 179,277; Aug. 21.
Tennis-racket strings. A. G. Spalding & Bros. 173,541; Mar. 20.
Tennis tape reels, baseballs, baseball gloves and mits, bats, etc Charles M. Ghriskey's Sons. 171,456; May 1.
Tin foil, Shredded. United States Foil Company. 166,964; Aug. 21.
Tops, Spinning. Sipp Novelty Co. Inc. 175,029; May 1.
Toy alarm clocks or watches. S. E. Vincent. 174,804; Apr. 10.
Toy animal figures. B. M. Burnett. 178,709; Oct. 2.
Toy animals. Asiatic Import Co. 177,029; May 15.
Toy animals. Asiatic Import Co. 177,030; Apr. 24.
Toy animals. P. G. Atlantic Toy Mfg. Co. 180,808; Nov. 13.
Toy automobiles. Abraham & Straus, Inc. 183,016; Sept. 11.
Toy automobiles. O. W. Siebert. 163,598; Jan. 2.
Toy balloon. Candy-Toy Company of America. 181,976; Dec. 25.
Toy banks. John Hugo Manufacturing Company. 163,519; Jan. 30.
Toy banks. Thrift Selling Service Co. 174,496; Mar. 13.
Toy buzzer. J. Garcia. 183,566; Nov. 6.
Toy carts, coasters, wheelbarrows, etc. C. E. Pickett. 177,196; Oct. 23.
Toy coaster vehicles. Wyoming Toy Mfg. Co. 183,462; Oct. 2.
Toy coasters. H. E. M. Mfg. Co. 176,023; Apr. 24.
Toy construction sets. A. C. Gilbert Company. 175,192; Mar. 27.
Toy cycles and coasters. Westfield Manufacturing Company. 171,145; Jan. 2.
Toy dogs. F. O. King. 177,229; June 19.
Toy dogs. Wahoo Novelty Works. 182,843; Sept. 11.
Toy dogs, Fabric. P. F. Volland Co. 167,342; Oct. 2.
Toy dolls. C. Ewald. 174,386; Apr. 10.
Toy dolls. C. Ewald. 174,515; Apr. 10.
Toy dolls and animals. J. W. Torrey. 173,907; May 29.
Toy electric railway. American Display Company. 174,718; Apr. 10.
Toy electrical trains, Tracks for. Lionel Corporation. 144,339; Oct. 2.
Toy fixtures of all kinds, Fabric. Schreyer & Co. 179,824; Oct. 23.
Toy horses. International Toy Company. 171,997; Feb. 20.
Toy insect. A. M. Hewitt. 167,774; Feb. 27.
Toy monkeys, Stuffed. Davis & Voetsch. 171,489; Jan. 2.

Toy piano. North American Toy Co. 180,616; Nov. 27.
Toy, Question and answer. M. R. Forkapa. 186,424; Dec. 25.
Toy rubber balls, Inflated. Radio Ball Company. 171,815; Feb. 6.
Toy sectional collapsible building units. Scott Manufacturing Company. 184,366; Nov. 6.
Toy, Seesaw. Buddy-Bouncer Company. 179,395; June 19.
Toy vehicles. Colson Company. 148,870; Aug. 28.
Toy vehicles. White Company. 180,458; Aug. 21.
Toy vehicles, Self-propelled. C. E. Bowers. 177,067; Apr. 24.
Toy villages and dolls. B. M. Larkin. 181,343; Aug. 7.
Toy wagon, Child's. Puffer-Hubbard Manufacturing Company. 170,402; Dec. 25.
Toy wagons. A. O. Cannon. 174,053; Apr. 10.
Toy wagons, Children's. The Fair. 170,973; Feb. 6.
Toys. P. J. Barnard. 184,581–2; Nov. 6.
Toys. Gong Bell Manufacturing Company. 165,190; Oct. 2.
Toys. Krazifor American Toy Co. 179,476; Aug. 21.
Toys. Magi-Graph Co. 171,092; Jan. 16.
Toys, Metallic Industries, Inc. 162,757; Jan. 30.
Toys. Tin Decorating Company of Baltimore. 179,068; July 31.
Toys. Eleanor P. Vance and Charlotte L. Yale. 182,080; Oct. 23.
Toys and novelties. Horton Studios, Inc. 157,034; Feb. 20.
Toys and playthings. Kämmer & Reinhardt A. G. 168,927; Feb. 13.
Toys, Animated figure. Selrite Products Inc. 162,318; Aug. 21.
Toys, Electrical. Lionel Corporation. 163,099; July 10.
Toys, etc., Stuffed figure. Ted Morton & Co. Inc. 176,639; May 15.
Toys, Figure. W. Fuld. 176,961; May 15.
Toys, Paper and wooden. K. S. Wilson. 141,339; Feb. 20.
Toys, Wheeled. J. T. Casey. 170,968; May 1.
Track and cars for use thereon, Miniature automobile race. Advertising Auto Speedway Co. 179,506; Aug. 7.
Vehicles, Two-wheeled children's coaster. Advance Manufacturing Co. 174,684; Apr. 3.
Velocipedes, Children's. W. H. Bush. 185,693; Dec. 25.
Wagons, Children's. Sherwood Bros. Mfg. Co. 178,677; Nov. 6.

CLASS 23.

Addressing machinery and equipment and supplies therefor. Elliott Company. 172,642; May 1.
Adzes, auger bits, axes, backsaws, etc. Baker, Hamilton & Pacific Company. 170,354; Aug. 21.
Agricultural hand implements for hoeing and digging. American Fork & Hoe Company. 179,509; Sept. 11.
Agricultural implements. Markt & Hammacher Company. 171,277; Oct. 30.
Agricultural machinery and implements, Repair parts for. Henry & Allen. 175,790; May 29.
Agricultural tools and connecting them to tractors or other sources of draft power, Devices for carrying. Moline Plow Company. 176,202; May 1.
Air compressors and air and water stands. Champion Pneumatic Machinery Company. 183,553; Oct. 30.
Air-pressure systems for washing automobiles, etc., and parts of said systems. Gates Auto Laundry and Supply Company. 179,144; Sept. 25.
Automobile-actuated transmission appliance. Industrial Service Company. 156,833; Feb. 6.
Automobile engines, Water-circulation pumps for. Price Brothers. 184,755; Nov. 20.
Automobile foot throttles. American Mechanical Works. 182,393; Sept. 11.
Automobile stop and direction indicators. Bagley Mechanical Corporation. 144,309; July 24.
Automobile transmission. Partridge, Singer & Baldwin, Inc. 160,300; Oct. 16.
Automobile transmission mechanism. Warren Gear Products Company. 162,232; Oct. 16.
Automobiles, Combined pump and fan attachment for. S & G Manufacturing Company. 170,508; Apr. 24.
Axes. Momsen-Dunnegan-Ryan Co. 170,074; Mar. 20.
Axes, hatchets, hammers, screw drivers, and chisels, Handled. Winchester Repeating Arms Co. 169,512; Mar. 6.
Bag filling and packaging machinery. Bates Valve Bag Company. 177,539; May 15.
Balls, Grinding. Bonney-Floyd Co. 164,221; Oct. 30.
Bearings and parts thereof, Roller. Timken Roller Bearing Company. 175,278; May 1.
Bearings, Babbitt. Watkins Manufacturing Company. 173,113; Mar. 20.
Bearings, Bronze. More-Jones Brass & Metal Co. 183,847; Nov. 20.
Bearings, Journal. Oregon Brass Works. 178,273; July 10.
Bearings, Roller. Gilliam Manufacturing Company. 173,633; Sept. 25.
Beater and whipper, Water-power. P-K Manufacturing Company. 182,257; Sept. 11.
Beaters and mixers, Cake. J. A. Swope, jr. 177,333; July 17.
Beverage-dispensing machines. Richmond Beverage Machine Corporation 155,640; Mar. 6.
Binders, reapers, mowers, hayrakes, etc. International Harvester Company. 181,280; Dec. 4.
Bits and augers. Irwin Auger Bit Company. 171,801; Jan. 30.
Bits and augers. Irwin Auger Bit Company. 179,098–103; June 19.
Bits, reamers, fishing tools for wells, Rotary drill. Reed Roller Bit Co. 159,055; Sept. 18.
Blade sharpeners. Domestic Devices Corporation. 184,024; Nov. 20.
Bottle cappers. Comstock-Bolton Company. 154,350; Mar. 20.
Bottle cappers and corkers. Lawrence Sales Co. 187,469; Dec. 25.
Bottle filling and capping machines and dairy machinery. H. H. Miller Industries Company. 182,168; Oct. 30.
Bottle filling and capping machines and dairy machinery. H. H. Miller Industries Company. 182,983; Nov. 6.
Bottle filling and capping machines, dairy machinery, etc. H. H. Miller Industries Company, The. 182,982; Nov. 27.
Boxes, Miter. Goodell-Pratt Company. 176,893; May 29.
Brad sets, center punches, clamps, etc. L. S. Starrett Company. 185,153; Dec. 25.
Braiding and weaving machines. American Wiremold Company. 179,703; Aug. 7.
Braiding machines. National Indicator Company. 172,896; Mar. 27.
Cake-ornamenting and tin pastry tubes, etc. August Thomsen & Co. 185,389; Oct. 30.
Can openers. Quicksafe Manufacturing Company. 155,320; Feb. 20.
Can openers. Star Can Opener Company. 180,307; July 17.
Carburetor, Fuel control or regulator for a. E. E. Ford Mfg. Co. 172,150; Mar. 20.
Carburetors. G. G. Brown. 179,774; July 17.
Carburetors. Wagner Research Society. 168,909; Jan. 23.
Carburetors. I. R. Zarracina. 172,711; Mar. 27.
Carburetors and parts thereof. Eagle Carburetor Company. 181,823; Sept. 11.
Carburetors and structural parts and fittings therefor. Eagle Carburetor Company. 178,434; July 3.
Carriage-lifting jacks. F. Steiner Mfg. 178,878; June 12.
Carton and box filling machinery. Cartoning Machinery Corporation. 166,933; Jan. 2.
Carving, edge, and coopers' tools and the like. Mack Tool Company. 174,523; May 1.
Chains for liquids, Conveyer. Société Anonyme des Elevateurs de Liquides "Chaine-Helice" Bessonnet-Favre. 180,305; Aug. 14.
Check-indorsing machines. International Postal Supply Company of New York. 184,856; Nov. 27.
Check-indorsing machines. International Postal Supply Company of New York. 184,858; Nov. 27.
Cheese, Machine for slicing and cutting. Rey & Rey. 179,743; Aug. 21.
Chisels, pipe wrenches, and screw drivers, Cold. Tobrin Tool Company. 187,885; Dec. 18
Churns. Fredrickson Brothers. 155,813; May 22.
Churns, Butter. Standard Vibrating Churn Company. 168,176; Jan. 23.
Cigar and cigarette machinery and parts thereof. American Machine and Foundry Co. 171,197; Feb. 27.
Cigarettes, Machinery used in the manufacture of. Comas Cigarette Machine Company. 168,451; Jan. 23.
Clamps, vises, etc. J. H. Williams & Co. 160,220; Sept. 25.
Cleaning systems, Dry-. S. F. Bowser and Company. 177,068; May 29.
Compressors, Air. Franklin Air Compressor Works. 186,470; Dec. 25.
Compressors and pumps and attachments therefor. Pennsylvania Pump & Compressor Co. 166,906; Jan. 2.
Concrete mixers, saw tables, etc. C. E. La Boyteaux. 174,966; May 8.
Concrete-mixing machines, brickmaking machines. Concrete Machinery & Supply Co. 152,066; Jan. 16.
Condensers, heat exchangers, and dephlegmators, Oil. C. H. Leach Company. 169,719; Aug. 21.
Condensers, heat exchangers, coolers, and dephlegmators. Griscom-Russell Company. 178,100; Nov. 20.
Corn-popping machines. C. V. Champion. 185,858; Dec. 18.
Corn shellers. Joliet Manufacturing Company. 180,223; July 17.
Cotton gins and cotton-gin machinery. Murray Company. 176,419; May 29.
Cotton trampers. Cullander Machinery Co. 182,334; Oct. 9.
Cranes. John F. Byers Machine Company. 151,823; Aug. 14.
Cranes. Colby Steel and Engineering Co. 157,759; Sept. 25.
Cranes mounted on motor trucks. Byers Machine Company. 175,068; Aug. 14.
Cranes or derricks. Moore Brothers. 180,077; Aug. 14.
Crushers, shredders, breakers, pulverizers, and grinders. Gruendler Patent Crusher & Pulverizer Co. 165,372; Jan. 28.

Cultivator sweeps. B. F. Avery & Sons. 186,312; Dec. 25.
Cutlery. Union Cutlery Co. 165,514; Feb. 20.
Cutlery. Wester Brothers. 156,206; May 29.
Cutter heads, thread-cutting machines, and cutters therefor. Landis Machine Company. 182,593; Oct. 9.
Cutting and planing machine, Earth. E. G. Carr. 162,333; Aug. 28.
Cutting machines for use in the manufacture of hats. Durbrow & Hearne. 174,822; June 19.
Cylinder heads. Automatic Bearing Machine Co. 183,686; Oct. 30.
Dairy, creamery, milk-plant, etc., machinery and appliances. Creamery Package Mfg. Company. 167,601–3; Dec. 25.
Derricks, cranes, steam shovels, parts thereof, etc. J. Jacob Shannon & Co. 176,049; July 10.
Derricks, Oil. V. B. Foster. 181,067; Sept. 18.
Dies, jigs, special machinery, etc. Steelcraft Engineering Company. 179,833; Aug. 21.
Dies, Steel marking. Jas. H. Matthews & Company. 177,791; July 3.
Dies, vises, etc. Crown Die and Tool Company. 181,818; Sept. 11.
Dishwashing machines. Automatic Dishwasher Co. 168,996; Feb. 6.
Dishwashing machines. Hicks Corporation. 173,355; June 5.
Dishwashing machines. T. W. Simpson. 171,477; Feb. 27.
Dishwashing machines and metal-parts-washing machines. Crescent Washing Machine Company. 177,168; Aug. 7.
Dough and bun dividers, bread proofers, panning machines, mixers, etc. Baker-Perkins Manufacturing Corporation. 174,228; Apr. 10.
Drags, ditchers, graders, and scrapers, etc., Road. C. D. Edwards Manufacturing Co. 168,210; Jan. 23.
Drilling tools, rope sockets, bailers, etc., Cable. Fort Worth Drilling Tool Company. 175,857; June 12.
Drills, Breast, bench and hand. Goodell-Pratt Company. 176,620; June 26.
Drills, Hand. Red Head Manufacturing Company. 179,820; July 17.
Drills, Oil-well. J. A. Zublin. 172,312; Feb. 27.
Duplicating machines, and parts thereof. A. B. Dick Company. A. B. Dick Company. 167,937; Jan. 23.
Dust collectors, Alfred C. Goethel Co. 157,369; May 29.
Egg beaters. Turner & Seymour Manufacturing Co. 178,580; July 10.
Egg beaters and cream whip. Metal Goods Manufacturing Co. 167,,050; Jan. 9.
Egg-beating apparatus. Whippo Manufacturing Company. 182,028; Sept. 25.
Electric-light bulbs, lamp sockets, etc., Apparatus for installing and removing. G. C. A. Manufacturing Company. 174,570; Apr. 3.
Elevators. Humphrey Elevator Co. 182,815; Sept. 25.
Engine governors. Hydro Governor Co. 161,882; Aug. 28.
Engines and pumping outfits, Internal-combustion. Universal Motor Company. 171,144; Sept. 25.
Engines, Appliance for lubricating and cooling internal-combustion. Lubi Kool Company. 179,156; June 19.
Engines, Compressed-air self-starters for internal-combustion. Ida Starter Limited. 171,128; May 1.
Engines, cranes, lathes, steam hammers, pumps, etc. Ibbotson Brothers & Co. 166,772; Feb. 20.
Engines, Device for uniformly mixing the charge before exploding it in internal-combustion. P. S. Palmer Company. 171,764; Feb. 27.
Engines, Device used in stopping internal-combustion. Pierce Governor Company. 169,321; Feb. 13.
Engines, Diesel. Union Gas Engine Co. 184,923; Dec. 11.
Engines, etc., Poppet valves for internal-combustion. Steel Products Company. 178,069–70; July 3.
Engines for autos, Water circulator for cooling systems for gasoline. Great States Corporation. 186,052; Dec. 25.
Engines for autos, Water circulator for cooling systems for gasoline. Great States Corporation. 186,504; Dec. 25.
Engines, Gasoline strainers for internal combustion. Mile-O-More Company. 170,659; Feb. 20.
Engines, Humidifying devices for internal-combustion. J. A. Semple. 169,377; Jan. 9.
Engines, Internal-combustion. Chandler Motor Car Company. 172,145; Oct. 30.
Engines, Internal-combustion. Sterling Engine Co. 180,777; Aug. 21.
Engines, Steam and internal-combustion. John I. Thornycroft & Co. Limited. 179,385; Aug. 7.
Engines, Vaporizing devices for. Penberthy Injector Company. 146,182; Jan. 2.
Evaporators. Swenson Evaporator Company. 175,530; Aug. 14.
Excavating and hoisting machines. G. M. Wiley. 182,029; Nov. 20.
Excavating, elevating and conveying machinery. Jeffrey Manufacturing Co. 176,347; Aug. 21.
Farming implements. Evans and Barnhill, Inc. 182,407; Oct. 16.
Files. Fayette R. Plumb, Incorporated. 165,504; Apr. 10.
Files and rasps. Nicholson File Company. 131,918; Jan. 30.
Files and rasps. C. O. Oberg & Co: s Aktiebolag. 175,514; May 8.
Files and rasps. C. O. Oberg & Co.: S Aktiebolaget. 161,641; Mar. 20.
Files and rasps, handsaws, hack-saw blades, etc. Sanderson Brothers & Newbould, Limited. 164,276; Jan. 16.
Fire extinguisher, Dry-powder tube. H. S. Cooke. 179,295; July 24.
Fire extinguisher, Hand. American La France Fire Engine Company. 169,965; Jan. 9.
Fire extinguishers. Newbegin Fire Appliance Company. 157,042; Dec. 25.
Fire extinguishers and refill units. Ohio Instrument Mfg. Co. 162,194; Dec. 25.
Fire extinguishers, Dry-powder tube. H. R. Frey. 166,289; Jan. 2.
Fire extinguishers, Hand. Apopka Fire Apparatus Co. 167,445; Feb. 20.
Fire extinguishers, Hand. Fireite Extinguisher Co. 181,686; July 24.
Fire-extinguishing apparatus. Foamite-Childs Corporation. 178,984; July 3.
Fire-extinguishing apparatus. Foamite-Childs Corporation. 179,193; Aug. 14.
Flatware of base metal, Table. G. Hammesfahr. 165,951; Jan. 23.
Flue Cleaners. L. W. Johnson. 171,497; Feb. 20.
Fly-chasing attachments to be attached to screen doors. H. Pilger. 172,012; May 15.
Food-mixing machines and parts thereof. Meteor Mixing Machine Co. 170,441; Apr. 17.
Foundry equipment, Certain articles of. Truscon Steel Company. 167,697; Mar. 20.
Fountains, Beverage-dispensing. California Fruit Growers Exchange. 184,064; Nov. 20.
Fruit presses. M. J. Brown. 166,498; July 10.
Fuel-treating devices. V. R. Cameron. 170,260; Jan. 9.
Gasoline savers. F. A. Diodato. 169,011; Jan. 9.
Gates for granular materials. Beaumont Mfg. Company. 181,930; Sept. 11.
Gear blanks and wheels. Diamond State Fibre Company. 183,438; Oct. 2.
Gear blanks and wheels. Diamond State Fibre Company. 183,440; Oct. 2.
Gear-cutting machines and parts thereof. Farrel Foundry & Machine Company. 185,212; Nov. 20.
Gear wheels and gear-wheel blanks, Nonmetallic. General Electric Company. 161,181; Jan. 23.
Gear wheels and gear-wheel blanks, Nonmetallic. General Electric Company. 176,118; May 8.
Gearing, Speed-changing transmission. Chandler Motor Car Company. 186,773; Dec. 25.
Gearings for motor cars. Warren Gear Products Company. 181,504; Dec. 4.
Gears. Timing Gears Corporation. 179,892; Aug. 14.
Gears and gear blanks. William Cramp & Sons Ship & Engine Building Co. 154,962; Aug. 14.
Gears and shafts. American Gear Company. 180,461; Aug. 28.
Gears, Metallic and nonmetallic. R. N. Brodie. 179,764; Aug. 28.
Gears or other articles from shafts and cylinder-boring machines, Machines for forcing. E. C. Coston. 150,800; Jan. 30.
Grading machines, Road-. Russell Grader Manufacturing Company. 169,085; Feb. 6.
Grain-cleaning machines. Wonder Grain Cleaner Company. 151,341; Jan. 9.
Grain separating and cleaning machines. Carter-Mayhew Manufacturing Company. 168,204; Jan. 23.
Grass catchers. Canvas Products Company. 181,376; Oct. 2.
Grease and oil cups and lubricators. Keystone Lubricating Company. 179,005; Aug. 14.
Grease cups. Foster Engineering Company. 174,568; Mar. 20.
Grinders, Bench. Goodell-Pratt Company. 177,082; May 29.
Grinding and crushing machinery. Chemical Engineering Co. (Manchester) Ltd. 180,418; Aug. 14.
Grinding machines and parts of same. J. C. Schmidt. 159,626; Mar. 20.
Hack-saw and coping-saw frames. Consolidated Tool Works, Inc. 176,883; May 29.
Hammers. Kelly Axe Manufacturing Company. 180,666; Aug. 7.
Hammers. Marshall-Wells Company. 178,528; July 31.
Hammers. Stanley Works. 167,491; Feb. 27.
Hammers, hatchets, axes, adzes, and sledges, Handled. Vaughan and Bushnell Manufacturing Company. 170,227; Feb. 27.
Hammers, hatchets, axes, and wedges. Evansville Tool Works. 180,423; Nov. 20.
Hammers, hatchets, saws, planes, etc. Marshall-Wells Company. 178,528; Oct. 30.
Hammers, hatchets, shovels, screw drivers, and chisels. B. Lurye. 171,226; Apr. 17.
Hammers, Internal-combustion motors for machine forging. Little Giant Company. 170,393; May 15.
Handles, Tool. Hartwell Brothers. 182,906–7; Sept. 18.

Handles, Tool. Hartwell Brothers. 182,908; Nov. 27.
Handles, Tool. Hartwell Brothers. 182,909–13; Sept. 18.
Hatchets. L. A. Sayre Co. 170,158; Feb. 13.
Hatchets, hammers, crate openers, etc. Markwell Manufacturing Co. 185,372; Nov. 20.
Harvesters, thrashers, and combined harvesters and thrashers. Holt Manufacturing Company. 182,213; Sept. 11.
Hoists and their parts, Hydraulic. Wood Hydraulic Hoist & Body Company. 173,801; Apr. 10.
Homogenizer. Manton-Gaulin Manufacturing Company. 172,425; May 29.
Hoof trimmers, Cow-. C. Kappeler. 174,396; Apr. 17.
Insect exterminators, Mechanical. John G. Cousar and John G. Barron. 167,672; Dec. 18.
Internal-combustion motors and same for motor cycles, runabouts, etc. Motosacoche Société Anonyme. 180,340; Aug. 14.
Jack frames. R. E. Alexander. 176,813; May 29.
Jacks. Kent Machine Works, Inc. 174,578; Mar. 20.
Jacks, Bed. Surgeons Specialty Company. 165,419; Dec. 11.
Jacks, Lifting. L. C. Berman. 185,554; Nov. 20.
Jacks, Lifting and screw. Schmick Gear & Screw Company. 170,672; Jan. 30.
Knife or cutting-blade handles. August Goertz & Co. 176,461; July 24.
Knives and forks, Table, kitchen, butcher, and hunting. K. E. Porter. 173,106; June 19.
Knives and scissors. J. Friedrich. 166,444; Jan. 23.
Knives and shears, Machine. Simonds Saw and Steel Company. 183,006; Nov. 20.
Knives, forks, spoons, Aluminum. Gebr. Noelle. 178,183; Oct. 2.
Knives, forks, spoons, etc. Gorham Manufacturing Company. 152,249; Oct. 30.
Knives, forks, spoons, razors, scissors. Carl Wüsthof, Stahlwarenfabrik. 162,707; Sept. 25.
Knives, Pocket and hunting. New York Knife Company. 167,316; Jan. 2.
Knives, Pocket tool. F. Van Der Vygh. 176,342 June 26.
Knives, razors, and shears. Union Cutlery Co. 179,341; Oct. 16.
Knives, razors, scissors, etc. Natenberg-Strauss Importing Co. 177,316; Aug. 7.
Knives, safety-razor blades, glass cutters, Butcher and kitchen. H. C. Hart. 174,738; May 1.
Knives, shears, razors, etc. MacLean Drug Company. 178,756; Oct. 2.
Knives, Table. American Cutlery Company. 149,621; July 3.
Lathes. Gisholt Machine Company. 177,482; June 12.
Lathes, Milling and drilling machines, etc. Joseph T. Ryerson & Son. 177,023; June 19.
Lift jack. Medina Manufacturing Co. 163,166; Aug. 14.
Liquid circulators. N. E. McClelland. 167,825; Feb. 27.
Locomotive and stationary lubricators, valve and oil cups. Detroit Lubricator Company. 176,955; June 5.
Locomotives, Auxiliary engines for. Franklin Railway Supply Company. 166,825; July 3.
Logging and hoisting equipment. Washington Iron Works. 183,613; Oct. 30.
Loom sundries, Leather. Charles Bond Company. 178,588; June 12.
Lubricating apparatus, parts and fittings thereof, Detachable force-feed. Larkin Automotive Parts Company. 177,745; July 10.
Machinery for use in the shoe, hat, and glove trade. Donnelly Machine Co. 182,574; Oct. 30.
Machines and apparatus for working leather, etc. Fortuna-Werke Spezialmaschinenfabrik G. m. b. H. 182,508; Dec. 4.
Machines and materials for mine working. Fiat. 150,742; Mar. 6.
Machines for dividing dough. F. H. Sharpe. 169,260; Feb. 20.
Mayonnaise-making machines. National Mayonnaise Machine Company. 185,835; Dec. 4.
Mechanics' tools, Automotive. L. Schwab. 168,905; Dec. 25.
Metal cutters. H. Scott. 172,016; Mar. 20.
Milling fixtures, cutters, and machines, etc. Ingersoll Milling Machine Company. 154,194; Mar. 27.
Milling machinery. Wolf Company. 167,062; Jan. 2.
Milling machinery, bolting reels, etc. B. F. Gump Co. 124,986; Apr. 17.
Milling tools, Metal-working cylindrical. Auto-Hone Co. 169,147; Feb. 13.
Mills and fruit presses, Cider. Crown Manufacturing Company, 170,809; Feb. 20.
Mixing and coating machines for plastic or semiliquid substances. Joseph Baker Sons and Perkins Limited. 181,332; Oct. 30.
Molding and core making machines, vibrators, etc. Pneulec Machine Company. 178,356; July 24.
Molding and planing irons, rock and twist drills, milling cutters, etc. Samuel Warren, Limited. 152,600; Mar. 20.
Molds for the manufacture of alimentary pastes. F. Maldari & Bros. 175,018; Mar. 20.
Motors and internal-combustion engines, Diesel. Aktiengesellschaft für Tiefbohrtechnik und Maschinenbau vormals Trauzl & Co. 178,422; Aug. 14.
Motors and parts thereof, Internal-combustion. Disappearing Propeller Boat Co. 184,815; Dec. 18.
Motors for small craft, Outboard internal-combustion. Johnson Motor Co. 183,385; Oct. 2.
Motors, Gasoline-purifying instrumentalities for explosion. Deeks Motor Products, Incorporated. 172,866; Mar. 6.
Motors, Lever-operated. M. Victorsohn. 184,700; Oct. 30.
Motors, Regasifying attachments for internal-combustion. Maxo Products Corporation. 155,511; Jan. 9.
Motors, Vaporizer for internal-combustion. J. B. Ferry. 181,826; Oct. 30.
Mowers, Lawn. Shapleigh Hardware Company. 183,599; Oct. 30.
Needles, Sewing-machine. Union Special Machine Company. 185,635; Oct. 30.
Needles, Sewing-machine and machine knitting. C. B. Barker & Co. 177,949; Oct. 16.
Nippers. Snell & Atherton, Inc. 180,901; July 31.
Nutcrackers. Cook Electric Company. 186,317; Dec. 25.
Oil condensers, heat exchanges, and dephlegmators. C. H. Leach Company. 169,720; Aug. 7.
Oilers, Elevator-rail. G. M. Osterberg. 172,551; May 8.
Oil purifiers or oil separators, Centrifugal. Koefoed, Hauberg, Marstrand & Helweg Aktieselskabet Titan. 177,042; Aug. 28.
Oil-well machinery and tools. Boykin Machinery & Supply Co. 174,062; July 3.
Oil-well swabs, stuffing boxes, jerecki jets, wire-line sockets, and tongs. Oil Country Specialties Manufacturing Co. 174,850; July 24.
Ore-mill and concentrating-table parts. Mine and Smelter Supply Company. 158,790; Oct. 16.
Paper and other sheet material, Machines for cutting, piling, etc. Maxson Automatic Machinery Company. 155,973; Apr. 3.
Paper cutter, Gravity. D. Linette. 174,400; Mar. 20.
Pasteurizing vats, coolers, etc. Cherry-Bassett-Winner Company. 163,740; Jan. 23.
Pedal control devices, Mechanical motive. Rayward Engineering and Manufacturing Co. 179,012; July 24.
Penknives, razors, and razor blades, etc. American Safety Razor Corporation. 181,666; Oct. 30.
Pickaxes, crowbars, wrenches, tercados, mattocks, etc. Collins Company. 174,559; Apr. 3.
Pin boards for use in textile industry. F. C. Washburn. 171,239; Feb. 27.
Piston pins. Warren F. Fraser Company. 161,001; Jan. 9.
Piston pins. Milwaukee Screw Products Co. 168,778; Jan. 23.
Piston rods. A. L. Stout & Co. 174,345; Apr. 17
Pistons. Berguson-Skinner Corporation. 156,248; June 26.
Pistons. Maxwell Motor Corporation. 174,212; Aug. 7.
Pistons, Motor. Muskegon Motor Specialties Company. 177,749; June 12.
Pistons, piston pins, and shafts for automobile motors, etc. H. E. Pence. 166,849–50; Jan. 2.
Planers. Cincinnati Planer Company. 170,752; Feb. 27.
Planers, boring, milling, and drilling machines, hydraulic presses, etc. Consolidated Steel Corporation. 155,487; Mar. 20.
Planers, lathes, and drilling machines. Niles-Bement-Pond Company. 177,017; May 22.
Pliers. Peck, Stow & Wilcox Co. 172,613; Feb. 27.
Plows. H. Ferguson. 175,778; Aug. 7.
Plows, plowshares, moldboards, plowpoints, landsides, etc. Bucher & Gibbs Plow Company. 170,472–3; Jan. 9.
Plowshares, plows, cultivators, corn planters, disk harrows. Sears, Roebuck and Co. 175,109; Mar. 20.
Pocketknives. Winchester Repeating Arms Co. 175,693; May 29.
Pocketknives, penknives, dirks, razors, and ink erasers. Novelty Cutlery Company. 168,781; Jan. 23.
Polishing and grinding heads. Goodell-Pratt Company. 176,825; May 29.
Pressure systems, pumps, and fluid-pressure motors, explosive engines, and parts thereof, Pneumatic. Duro Pump & Manufacturing Company. 171,630; Jan. 2.
Printers' and bookbinders' supplies. Hamilton Manufacturing Company. 167,043; Feb. 13.
Printing presses and parts thereof. Chandler & Price Company. 167,801; Jan. 23.
Printing presses, lithographic presses, etc., Rollers for. Ideal Roller & Manufacturing Co. 172,678; Apr. 3.
Pulleys, Fillers for power-transmission. Rockwood Manufacturing Company. 163,113; Oct. 2.
Pump coupling. J. J. O'Brien. 176,757; May 8.
Pump outfits, parts, and fittings thereof. Cleveland Steel Barrel Company. 171,063; Apr. 17.
Pumping apparatus. Allen Hydrostatic Pump Syndicate Ltd. 174,191; May 15.
Pumping equipment and water systems. Fort Wayne Engineering & Manufacturing Co. 166,942; Jan. 23.
Pumping machinery, pumps, Apparatus for raising and forcing liquids, etc. Worthington Pump and Machinery Corporation. 149,610; Jan. 23.
Pumps. Consolidated Accessories Manufacturers Corporation. 149,214; Jan. 9.

Pumps. F. E. Myers & Bro. Co. 158,784; May 8.
Pumps. Unchokeable Pump, Limited. 177,252; July 10.
Pumps and agitators and thickeners, etc., for separating solids from liquids. Dorr Company. 173,128; Feb. 27.
Pumps, atomizers, carburetors, etc. Penberthy Injector Company. 161,061; Dec. 11.
Pumps, etc. Central Scientific Company. 185,445; Oct. 30.
Pumps, including hydraulic rams. Deming Company. 175,923; June 5.
Pumps, pumping systems, and parts of same, Liquid. Western Pump Company. 157,788; Oct. 16.
Pumps, Vacuum. Central Scientific Company. 185,448; Oct. 30.
Punching tools and dies, Metal. Whitney Metal Tool Company. 175,586; May 29.
Radius tools and knurling tools for holders. A. Sheberashenko. 162,954; Jan. 2.
Rakes, Bamboo. I. Tsuchiya. 173,308; Feb. 27.
Razor-blade-stropping holders. Kwik-Ege Stropper Co. 158,129; Aug. 14.
Razor-blade-stropping holders. Sure Edge Stropper Company. 174,187; May 1.
Razor-blade stropping holders, Safety-. R. T. Parker. 167,924; Feb. 13.
Razor blades. Sandvikstahl G. m. b. H. 171,243; June 5.
Razor blades during sharpening, Holders for. Parker Products, Inc. 180,027; Aug. 14.
Razor blades, Manual holder for. Greist Mfg. Company. 152,748; Mar. 6.
Razor sets. American Safety Razor Corporation. 182,493; Sept. 11.
Razors. Arrowhead Trading Corporation. 169,471; Mar. 6.
Razors. M. Schmidt. 170,792; Jan. 23.
Razors. Union Cutlery Co. 175,033; Apr. 17.
Razors and blades thereof, Safety. J. A. D. Watt. 166,758; June 5.
Razors and razor blades. American Safety Razor Corporation. 181,101; Oct. 2.
Razors and razor blades. International Safety Razor Corp. 181,527; Oct. 30.
Razors and razor blades. Tru-Way Razor Company. 168,228; Jan. 23.
Razors and safety razors. Gebr. Korte, Stahlwarenfabrik. 165,947; Feb. 27.
Razors and scissors. Wester Bros. 165,104; Jan. 23.
Razors and scissors. A. Wingen, jr. 160,169; Feb. 27.
Razors and shears. P. J. Michels. 173,140; Feb. 27.
Razors, blades, and parts thereof, Safety. W. W. Everts. 185,078; Dec. 11.
Razors, clippers, scissors, tools, and parts thereof. M. Jung. 165,794; Feb. 27.
Razors, hair clippers, etc. Max Dörner G. m. b. H. 164,803; Mar. 6.
Razors, knives, shears, and tools. Wm. Langbein & Bros. 166,528; Mar. 6.
Razors, pocketknives, and scissors. Union Cutlery Co. 171,714; Mar. 20.
Razors, safety razors, mechanical strops, etc. Gebr. Korte Stahlwarenfabrik. 165,945–6; Feb. 27.
Razors, safety razors, safety-razor blades, etc. "Nieso" Stahl- und Metallwarenfabrik Gebr. Niepenberg. 164,995; Mar. 6.
Reamers and groove cleaners. Vodoe-Peterson Company. 172,454; Feb. 27.
Revivifying kieselguhr, apparatus for producing charcoal, fish-meal apparatus, and sirup clarifiers, Apparatus for. Stanley Hiller, Inc. 171,713; May 8.
Rim and tire tools. Marquette Manufacturing Company. 172,049; Mar. 27.
Road-building machinery, metal-working equipment, etc. Little Giant Company. 159,210; June 19.
Roasters and parts and supplies for same. Jabez Burns & Sons. 180,325; July 17.
Roller skins, Leather. John Ormerod & Sons Ltd. 181,144; Aug. 7.
Rubber-covered rolls for paper mills, tanneries, bleacheries, etc. Stowe & Woodward Company. 178,198; July 31.
Rubber pads for use in the textile and other industries. Fellsway Rubber Co. 178,337; June 12.
Sandblast apparatus and parts thereof and accessories therefor. Hoevel Manufacturing Corporation. 173,284; Aug. 7.
Saws. Henry Disston & Sons, Incorporated. 188,002; Dec. 25.
Saws. E. F. Goldberg. 180,977; Aug. 21.
Saws. Simonds Saw and Steel Company. 175,957–8; May 29.
Saws. Simonds Saw and Steel Company. 176,000; May 29.
Saws. Southern Saw Works. 159,538. May 1.
Saws, Hack. Darwin & Milner, Inc. 169,536–7; Jan. 9.
Saws, Hack. The-B-X-Saw Co. 179,843; July 24.
Saws, hammers, sledges, etc. Sandvikens Jernverks Aktiebolag. 178,571; July 3.
Saws, hammers, sledges, etc. Sandvikens Jernverks Aktiebolag. 178,872; July 3.
Scissors. N. C. Toops. 162,218; Sept. 18.
Scissors and pocketknives. J. Richter. 169,517; Apr. 10.
Scissors, etc., Machines for grinding. Domestic Devices Corporation. 185,512; Oct. 30.
Scissors, shears, and pocketknives. Marshall Field & Company. 177,371; July 31.
Scissors, shears, razor blades, pocket, etc., knives. K. C. Seelbach Company. 171,819; Feb. 27.
Scoops, shovels, and steel chutes. H. B. Sackett Screen & Chute Company. 172,443; Apr. 10.
Screen scratcher and rubber. M. L. Crawford. 173,813; July 3.
Screens for granular materials. R. H. Beaumont Company. 181,929; Oct. 16.
Screens, Shaking. Morrow Manufacturing Co. 184,346; Company. 180,748; Sept. 4.
Screw drivers. T. B. Powers. 167,895; Dec. 4.
Screw drivers. H. D. Smith & Company. 170,903; Mar. 6.
Screw drivers. Snap-On Wrench Company. 180,776; July 31.
Screw drivers, wrenches, and wrench sets. Viking Specialty Company. 160,570; Aug. 7.
Scythes and sickles. Igelfors Bruks Aktiebolag. 172,275–6; Oct. 30.
Seeding implements. American Seeding Machine Company. 178,654; Aug. 7.
Sewing machines, Straw-. Durbrow & Hearne. 174,821; Mar. 20.
Sewing machines, Straw-. Durbrow & Hearne. 174,823; Mar. 20.
Sharpening machines, Knife and edge-tool. Ace Hardware Manufacturing Corporation. 172,314; June 12.
Shears and scissors. Atlas Shear Co. 174,281; July 24.
Sheet metal, Machines for cutting. Andrew C. Campbell, Incorporated. 173,912; May 1.
Shoe-machinery parts and supplies. Louis G. Freeman Company. 183,106; Oct. 30.
Shovels and spades. John Dunn, Son & Co. 172,037; Apr. 10.
Shovels, drag-line excavators, etc., Power. Bucyrus Company. 171,443; Mar. 6.
Shovels, scoops, spades, posthole diggers, and wooden handles. Baldwin Tool Works. 166,644; Jan. 30.
Shovels, spades, and scoops. Ames Shovel & Tool Company. 170,348; Jan. 9.
Shovels, spades, and scoops. Ames Shovel & Tool Company. 174,986; Apr. 17.
Shovels, spades, scoops, etc. Baldwin Tool Works. 166,636; Aug. 7.
Shovels, spades, scoops, etc. Baldwin Tool Works. 166,638; Sept. 11.
Shovels, spades, scoops, posthole diggers, and wooden handles. Baldwin Tool Works. 166,645; Jan. 23.
Shovels, spades, scoops, posthole diggers, and wooden handles. Baldwin Tool Works. 166,972; Mar. 20.
Signal and direction-indicating device, Vacuum-operated mechanical stop. Automobile Appliances Co. 170,923; Mar. 20.
Soda-fountain cooling and dispensing outfits. Pennsylvania Silverware Company. 175,267; Dec. 25.
Soldering coppers, punches, chisels, etc. F. O. Schoedinger. 172,182; July 24.
Speed reducers, shaft couplings, friction clutches, hoists, etc. Palmer-Bee Company. 176,359; May 29.
Sprayers and parts therefor, Insecticide. "Friend" Manufacturing Co. 176,823; Dec. 11.
Sprayers and parts thereof. Hudson Manufacturing Company. 186,999; Dec. 4.
Sprayers and parts thereof. Hudson Manufacturing Company. 187,001; Dec. 4.
Sprayers and parts thereof. Hudson Manufacturing Company. 187,003; Dec. 4.
Sprayers for spraying vegetation. Ferguson Manufacturing Company. 175,479; May 29.
Spraying devices for paint, sand, and cleaning solutions. Geo. M. Stowe, jr. 186,165; Dec. 25.
Spraying machines for applying paints, varnishes, hose cleaners, etc., Compressed-air. De Vilbiss Manufacturing Co. 161,177; Jan. 2.
Stereotype-casting, etc., machines. Wood Newspaper Machinery Corporation. 186,735–6; Dec. 4.
Stud drivers, pipe and nut wrenches, drilling posts, etc. Keystone Manufacturing Co. 169,716; Jan. 9.
Stump puller and winches. K. Pulling Machine Company. 169,307; Feb. 20.
Sucker rods. S. M. Jones Company. 163,874; Jan. 23.
Sweepers and cleaners, Nonelectric. Scott & Fetzer Company. 180,559; Oct. 9.
Tappets and poppet valves for explosion engines. Wilcox Motor Parts & Manufacturing Company. 173,546; May 1.
Thrashing machines. Wood Brothers Thresher Company. 180,350; Aug. 14.
Tillers. Scientific Farming Machinery Company. 171,660; Mar. 13.
Tin openers, corkscrews, pocketknives, etc. G. Twellsick. 164,843; July 10.
Tire molds, solid cores, etc., Fabric and cord. Reynolds Machine Company. 184,264; Nov. 20.
Tire pumps, slip-on connection for tire pumps, and air chucks. F. I. Jaden. 181,282; Sept. 18.
Tongs, Beaker. Eimer & Amend. 174,691; Apr. 10.
Tool handles. Hartwell Brothers. 182,915; Sept. 18.
Tool handles. J. A. Turgeon. 185,324; Oct. 30.
Tools. Canton Forge & Axle Company. 181,059; July 31.

Tools. Lakeside Forge Company. 185,660; Dec. 4.
Tools. Romer Axe and Tool Company. 155,070; Apr. 17.
Tools and appliances for automotive vehicles, etc. L. Schwab. 168,806; Aug. 21.
Tools and appliances for automotive vehicles, etc. L. Schwab. 168,857; Aug. 28.
Tools adapted for general use. L. Wise. 151,968; Feb. 27.
Tools, agricultural implements, Carpenters'. Markt & Hammacher Company. 172,233; Apr. 17.
Tools for kitchen use. J. P. McBride. 175,364; May 29.
Tools, Metal-working small. Cleveland Twist Drill Company. 172,321; Feb. 27.
Tools, Metal-working small. Cleveland Twist Drill Company. 174,358; Apr. 10.
Tools, Steel. Marion Tool Works, Inc. 184,946; Nov. 20.
Tractors. Clark Tructractor Company. 175,135; Apr. 10.
Tractors and attachments and parts thereof. International Harvester Company. 173,649; Apr. 17.
Tractors and road-grading machines. Gray Tractor Co. 185,120; Dec. 4.
Tractors, cultivators, and sulky plows. Central Tractor Corporation. 185,512; Oct. 30.
Tractors, Gas, gasoline, oil, and steam. G. F. H. Corporation. 152,919; Feb. 6.
Tractors, Motor-driven farm. Marvel Tractor Co. 142,798; May 22.
Tractors, Sawing attachments for. O. W. Johnson. 175,147; Mar. 20.
Tractors, traction engines, harvesters, etc. Holt Manufacturing Company. 173,234; Mar. 6.
Transmission or crank casing parts. Hudson Motor Specialties Company. 158,677; July 3.
Travelers, Ring and twister. National Ring Traveler Co. 170,778; Jan. 30.
Truck switches, switch stands, switch plates, and parts thereof. Ramapo Ajax Corporation. 178,357; June 12.
Tube carrier systems and parts thereof, Pneumatic-. Standard Carrier Company. 143,711; Mar. 13.
Turbines and reduction gears. Kerr Turbine Co. 177,978; July 10.
Turbines, pumps, etc. William Cramp & Sons Ship & Engine Building Co. 185,960; Dec. 25.
Turbines, pumps, hydraulic turbines, etc. William Cramp & Sons Ship & Engine Building Co. 186,036; Dec. 25.
Typewriting machines and parts thereof and mechanical copying machines. Fabrik Stolzenberg Deutsche Bureau-Einrichtungs-Gesellschaft mit beschrankter Haftung. 171,988; June 5.
Typewriting machines and typewriting machine parts. Underwood Typewriter Company. 157,642; Feb. 20.
Valve grinders. Goodell-Pratt Company. 176,824; May 29.
Valves and fittings, Drop-forged steel. Henry Vogt Machine Co. 167,590; Mar. 13.
Valves, Poppet. Fansteel Products Company. 181.522; Oct. 16.
Valves, Poppet. Toledo Steel Products Co. 168,991; Apr. 17.
Valves, Puppet. Fansteel Products Company. 182,964–5; Sept. 11.
Vegetable-paring machines. Kools Manufacturing Company. 179,605; Aug. 14.
Vehicle accelerators, Motor-. Williams Bros. Aircraft Corporation. 177,579; June 12.
Vehicles, Gear shifts and parts thereof for motor. J R. Flannery. 174,566; Apr. 24.
Vehicle jacks. Dextra Manufacturing Co. 165,787; Oct. 16.
Vehicles, Dismembered parts of motor. H. G. J. Frank. 159,749; Nov. 6.
Vehicles, Vacuum feed systems for motor. Byrne, Kingston & Co. 171,724; May 15.
Vending machines, Coin-controlled. O. D. Jennings and Company. 168,719; Apr. 3.
Vises, Bench. Goodell-Pratt Company. 176,737; May 29.
Vises, bit braces, breast drills, planes, and parts thereof, etc. Stanley Works. 179,432; Oct. 2.
Vises, bit braces, planes, nail sets, etc. Stanley Works. 172,065; Feb. 20.
Vises, bit braces, planes, nail sets, hammers, etc. Stanley Works. 172,562; Feb. 20.
Washing machines, and wringers, Clothes. Dawn Mfg. Co. 174,237; Aug. 21.
Washing machines for the washing of dishes, bottles, etc. Faspray Corporation. 170,974; Feb. 20.
Waste-saving machinery and apparatus. Stanley Hiller, Inc. 171,712; May 29.
Watch crystals, Machines for applying. Germanow-Simon Machine Co. 169.632; Feb. 13.
Water-pressure systems, pumps, and engines and parts thereof. W. G. Noack. 186,246; Dec. 4.
Water-supply system, Automatic pneumatic. W. E. Dickey. 178,433; July 10.
Water wheels. J. B. Campbell. 180,046; Sept. 4.
Wheel dressers, Emery-. G. McConnell. 172,279; Mar. 20.
Wheels, Traction. Buckeye Traction Ditcher Co. 175,843; May 1.
Whistle, Steam. J. Kropacz. 162,934; Feb. 20.
Whistles, Power. H. Freund. 177,289; June 19.
Windmills, gasoline engines, windmill pumps, siphon pumps, etc. Challenge Company. 174,724; June 5.
Wood and metal working machines, tools and supplies. P. Pryibil Machine Company. 160,719; Jan. 2.
Woodworking machines, Combination. Hutchinson Manufacturing Co. 172,094; Apr. 10.
Woodworking machines, Combination. Hutchinson Manufacturing Co. 183,835; Oct. 30.
Wrenches. Y. M. Bledsoe. 183,187; Sept. 11.
Wrenches. Bonney Forge & Tool Works. 172,633; Mar. 27.
Wrenches. Gellman Wrench Corporation. 174,896; Apr. 17.
Wrenches. Henry & Allen. 186,474; Dec. 25.
Wrenches. W. M. Lawrence. 170,721; May 8.
Wrenches. Sire & Petersen Wrench Co. 178,775; Aug. 21.
Wrenches. F. L. Smithe Machine Company. 170,098; Jan. 9.
Wrenches and parts thereof. Greene, Tweed & Co. 184,400; Oct. 30.
Wrenches and parts thereof. Henry & Allen. 183,034; Oct. 30.
Wrenches, hammers, pliers, and pincers, Mechanics'. Bangert Improved Tool Co. 158,073; Mar. 20.
Wrenches, Pipe. J. H. Williams & Co. 172,249; Feb. 20.
Wrenches, pliers, hammers, etc. Herbrand Company. 179,729; June 19.
Wrenches, screw drivers, chisels, hammers, etc. Treco Metal Products Corporation. 154,771; Feb. 27.
Wrenches, pliers, hammers, etc. Herbrand Company. 170,649; Mar. 6.
Wrenches, Socket. Walden-Worcester Inc. 171,344; Mar. 6.
Wrenches, Tappet. Bonney Forge & Tool Works. 173,993; May 15.
Wrenches, vises, etc. J. H. Williams & Co. 149,873; July 24.
Wrenches, wrench sets, and alignment jigs for connecting rods, etc. Hinsdale Manufacturing Company. 183,383; Oct. 30.

CLASS 24.

Clothes racks. Frank L. Pollard Co. 169,374; Feb. 6.
Clothes–supporting racks. F. W. Hennessy. 172,836; Apr. 24.
Clothes washers, Electric. Delphie Specialty Manufacturing Company. 180,469; Oct. 23.
Clothes-washing machines and clothes wringers. Champion Appliance Manufacturing Company. 176,399; June 12.
Driers, Clothes: Hill Clothes Dryer Co. 180,282; Sept. 4.
Ironing boards and stands, and drying racks. Udell Works. 169,610; Feb. 13.
Ironing machines, Laundry. Utensils Company. 165,612; Mar. 27.
Laundry bags. Fry Bros. Company. 180,277; Sept. 4.
Laundry driers, Heated-cabinet. Williamson Heater Company. 169,461; Feb. 27.
Laundry driers, Heated cabinet. Williamson Heater Company. 180,730; Oct. 19.
Laundry driers, Heated cabinet. Williamson Heater Company. 180,821; Oct. 9.
Laundry nets or bags. Alden Speare's Sons Co. 180,306; Oct. 9.
Laundry washing machines. The Fair. 174,614; Apr. 3.
Mangles. Sperlich and Uhlig Company. 170,222; Apr. 24.
Pressing machines, Clothes-. American Laundry Machinery Company. 185,809; Dec. 4.
Tubs, Rinsing and bluing. C. S. Todd. 176,295; June 12.
Washboilers. R. Israel. 177,439; Sept. 4.
Washboilers. M. Kamenstein. 145,463; May 29.
Washboilers and galvanized washtubs. Schlueter Manufacturing Co. 172,904; June 12.
Washing and ironing machines. Russ Manufacturing Company. 171,472; Feb. 20.
Washing machinery. George F. Merrell, Inc. 163,641; Feb. 6.
Washing machines. Meadows Mfg. Co. 178,053; Dec. 11.
Washing machines and wringers. G. F. Mitchell & Son. 183,754; Dec. 4.
Washing machines and wringers, Laundry. Marshall-Wells Company. 174,211; Apr. 24.
Washing machines, Clothes-. American Range & Foundry Company. 173,522; Apr. 24.
Washing machines, Clothes-. Storm Royalty Company. 181,426; Nov. 20.
Washing machines, Electric. United Appliance Company. 177,253; Sept. 4.
Washing machines, Electric clothes-. Savage Arms Corporation. 169,694; Feb. 20.
Washing machines, Electrically-driven laundry. Landers, Frary & Clark. 180,376; Sept. 4.

CLASS 25.

Automobile lock. R. Huber. 160,287; June 19.
Automobile radiator-cap lock. M. D. Rathbun. 179,284; Aug. 21.
Automobile steering post locks. American Wheel Company. 145,000; Nov. 20.
Banks, Portable savings. Automatic Recording Safe Co. 180,825–6; Aug. 14.
Door handles, Locking. Bersted Manufacturing Company. 171,060; Apr. 3.
Latches, levers, barrel bolts, etc. Greene, Tweed & Co. 185,868; Nov. 13.

Locks. American Lock Manufacturing Co. 155,292; June 5.
Locks. Hisey-Wolf Machine Company. 183,625; Oct. 30.
Locks and safes. Steelcraft Corporation of America. 179,889; Sept. 25.
Locks, Auto. Williams & Robeschaud. 180,570; July 10.
Locks, Coin-controlled. Michigan Coin Lock Company. 178,350; May 15.
Locks, Door. Bassick Company. 178,324; June 12
Money receptacles or portable banks. Bankers Savings and Credit System Company. 170,268: Feb. 27.
Padlocks and key blanks. Baker, Hamilton and Pacific Company. 170,351: Aug. 7.
Picture machines, exposure meters, etc., Moving-. Dayton Photo Products Company. 165,785; Nov. 20.
Safes. Steelcraft Corporation of America. 179,890; July 10.
Safes and vaults. National Safe Co. 170,333; Feb. 6.
Safes, vault doors, locks, and safe-deposit boxes. Diebold Safe & Lock Company. 174,127; May 8.
Steering-post control and exhaust lock. A. H. Adams. 176,435; May 15.
Striker plates and locks. Franklin Williams, Inc., of N. J. 143,524; Jan. 30.
Vehicle wheels, Antitheft locks for motor. G. E. Westberg. 177,155; May 8.
Window fasteners. A. C. Wheelock. 185.068; Dec. 11.

CLASS 26.

Adding and calculating machines and parts thereof, etc. G. Mez. 162,938–9; July 31.
Adding, listing, calculating, and bookkeeping machines. Powers Accounting Machine Corporation. 186,156; Dec. 25.
Adding machines. Precision Adding Machine Company. 184,984; Dec. 25.
Advertisement-projecting machines, Moving-. American Motorsign Company. 172,971; June 5.
Arc and electric welding goggles. William C. Adams Co. 176,436; May 29.
Balances and weighing scales. Christian Becker, Inc. 175,597; May 1.
Barometers. Taylor Instrument Companies. 179,495; July 10.
Bevels, calipers, dividers, center testers, etc. L. S. Starrett Company. 185,152; Dec. 25.
Calculating machines. Marchant Calculating Machine Company. 169,066; Jan. 2.
Calculating machines, Pocket. R. Huber. 160,288; Aug. 21.
Caliper gauges. Pratt & Whitney Company. 164,452; July 3.
Camera and film kits, Combined. Ansco Company. 169,798; Apr. 3.
Camera and projector, Motion-picture. Campro Corporation. 186,584; Dec. 18.
Cameras. V. C. Ernst. 181,480; Sept. 25.
Cameras, cinematographic projecting lanterns, stereoscopes, etc. Pathé-Cinéma, Anciens Établissements Pathé Frères. 158,442; Oct. 2.
Cameras, projecting lanterns, etc. Optische Anstalt C. P. Goerz Aktiengesellschaft. 167,318; Oct. 30.
Cash registers. American Cash Register Co. 175,909; May 15.
Cinematographic projectors and cameras, plates for fixed projections, etc. Etablissements Continsouza, Société Anonyme. 142,754; Jan. 30.
Clothing models and patterns. M. Levitt. 171,224; May 15.
Color shades, Apparatus for permitting the matching of. Gillet & Fils. 177,181; June 26.
Dials for radio apparatus. American Hard Rubber Company. 168,093; Jan. 30.
Distance between two objects, Apparatus for determining. Wireless Spitzescope Co. 179,290; Aug. 14.
Drafting instruments. E. Z. Lesh. 136,377; Apr. 24.
Drawing instruments and accessories, surveyors' instruments. Spaulding-Moss Company. 175,890; Sept. 18.
Easels, Photographic enlargement. P. Williams. 152,973; Jan. 30.
Educational appliances. Radio Motion Picture Phon. Corp. 178,282; July 10.
Electric watt-hour meters. Sewickley Electric Manufacturing Company. 171,554; Feb. 13.
Electrical instruments and appliances, Dials for. Henry Hyman & Co. 169,855; Feb. 6.
Electrical maximum recording measuring instruments. Landis & Gyr A.-G. 181,693; Oct. 2.
Electrical recording measuring instruments. Landis & Gyr A.-G. 181,692; Oct. 2.
Engines, Attachment for internal-combustion. Wedler-Shuford Company. 168,187; Feb. 13.
Engines, etc., Instruments for indicating the temperature of internal-combustion. Stewart-Warner Speedometer Corporation. 163,187; Oct. 16.
Engines, Temperature-indicating device for gas. Pyrene Manufacturing Co. 175,736; May 29.
Eyeglasses. Moviglass Company. 144,095; June 5.
Eyeglasses, Frames, etc., for. Optical Products Corporation. 178,184; Sept. 18.
Eyeshades or visors. H. & A. Manufacturing Company. 182,052; Sept. 25.
Fabrics, Device for computing and measuring. Yard-O-Meter Corporation. 175,904; May 29.
Filters, Color. Carl Zeiss. 183,048; Oct. 30.
Gasoline and liquid gauges. Marvel Products Company. 177,682; May 29.
Gauges. Columbus Company. 177,897; Oct. 30.
Gauges. C. M. Larson. 178,049; July 31.
Gauges and thermometers, etc., Indicating and recording. American Steam Gauge & Valve Manufacturing Company. 154,346; June 26.
Gauges, Gasoline. Stemco Engineering Company. 169,337; Jan. 2.
Gauges, indicators, etc., Fluid pressure. A. Schrader's Son, Incorporated. 180,084; July 10.
Gauges, Liquid. Akron-Selle Company. 157,016; June 12.
Gauges, Oil. D. A. Kafka. 181,029; July 10.
Gauges, plumb bobs, plumbs and levels, etc., Carpenters' and marking. Marshall-Wells Company. 178,527; Aug. 7.
Glass plates for etching, etc., Coated. Graphoto Company. 163,387; July 24.
Glasses, Field and opera. Sussfeld, Lorsch & Schimmel. 187,546–8: Dec. 25.
Glassware, Laboratory, chemical, and surgical. Hiergesell Brothers. 180,663; Dec. 11.
Glassware, particularly gauge glass. Libbey Glass Manufacturing Co. 171,807; July 24.
Holding and measuring apparatus for stone, gravel, etc. Erie Steel Construction Company. 171,308; June 19.
Humidity regulators. G. M. Parks Company. 179,621; July 10.
Humidity regulators. Parks-Cramer Company. 182,482; Aug. 28.
Hydrometers. G. I. Stadeker. 181,423; Aug. 28.
Hydrometers. Taylor Instrument Companies. 163,834; Sept. 25.
Laboratory apparatus for investigating oils and fats, parts of such apparatus, etc. Sommer & Runge. 157,336; June 26.
Lamps and parts thereof, Picture-projection. J. Tyroler. 182,524: Oct. 2.
Lantern slides. F. A. Apfelbaum. 158,280; June 5.
Lens blanks, Ophthalmic-. Sussfeld, Lorch & Schimmel. 176,766; Apr. 17.
Lenses and blanks, Ophthalmic. Sussfeld, Lorch & Schimmel. 176,767; Apr. 17.
Lenses and frames for eyeglasses and spectacles. Baltimore Optical Company. 172,929; Apr. 3.
Lenses, eyeglasses, and spectacles. N. Smith. 180,815; July 10.
Lenses, eyeglasses, and spectacles, Ophthalmic. C. A. Meigs. 183,076; Oct. 16.
Lenses, Ophthalmic. R. H. Macy & Co. 175,363; May 15.
Lenses, Ophthalmic and spectacle. Optics Limited 151,686; Feb. 20.
Lenses, Photographic, projecting, and optical. M. H. Tromba. 162,327; Apr. 10.
Level indicators, Liquid-. Porter Electric Carbureter Inc. 158,142; Mar. 20.
Levels. Stanley Works. 172,296; Aug. 28.
Levels. Stanley Works. 172,297; Aug.21.
Liquid-level indicators. Porter Electric Carbureter, Inc. 169,777; Jan. 30.
Liquid-measuring and level-indicating apparatus. Dobbie McInnes & Clyde, Ltd. 157,413; Feb. 6.
Liquids and semisolids, Implements for weighing. A. E. Clarke. 165,662; Jan. 23.
Measuring outfits, Surveying linemen's. James W. Brine Company. 172,580; July 24.
Meters, Lubrication. Radio Engineering Company of New York, Inc. 162,695; Sept. 11.
Ophthalmic mountings and parts thereof. Optical Specialty Manufacturing Company. 179,548; July 10.
Ophthalmic mountings and parts thereof. Stevens & Company. 169,142; Feb. 6.
Ophthalmic mountings and parts thereof. Stevens & Company. 174,540; May 22.
Ophthalmic mountings, and parts thereof. Stevens & Company. 174,867; May 1.
Ophthalmic mountings and parts thereof. Stevens & Company. 175,224; Apr. 10.
Ophthalmic mountings and parts thereof. Willson Goggles, Inc. 180,403; July 17.
Ophthalmic mountings and parts thereof. Willson Goggles, Inc. 185,276; Dec. 25.
Optical, drawing, and copying apparatus. Fortuna-Werke Spezialmaschinenfabrik G. m. b. H. 182,507; Dec. 4.
Pantographs. Burdette-Murray Company. 168,669; Jan. 2.
Paper, Sensitized blue-print. New York Blue Print Paper Company. 171,182; Feb. 6.
Patterns, Dress. Excella Pattern Company. 177,660; June 19.
Patterns, Dress. Pictorial Review Company. 174,526; May 22.
Pens. Eugene Dietzgen Co. 175,136; July 3.
Photographic and telescopic objectives, photographic cameras, etc. Optische Anstalt C. P. Goerz A. G. 169,984; July 3.
Photographic developing papers. Haloid Company. 170,288; Jan. 2.
Photographic films. Ansco Company. 169,274; Jan. 2.

Classified list of trade-mark titles—Continued.

Photographic films. Ansco Company. 178,797–807; July 10.
Photographic lenses. Ica, Aktiengesellschaft. 181,075; Dec. 4.
Photographic paper, Sensitized. Haloid Company. 179,097; Aug. 14.
Photographic paper, Sensitized. Republic Photographic Corporation. 174,336; Apr. 3.
Photographic papers, Sensitized. Gevaert Photo-Producten N. V. 184,240; Oct. 30.
Photographic shutters. Eastman Kodak Company. 180,846; July 10.
Photographic shutters. Eastman Kodak Company. 187,097; Dec. 25.
Picture apparatus, Cabinet motion-. I. Serrurier. 179,228; Sept. 4.
Picture films, etc., Motion-. F. L. W. Smalley. 169,045; Mar. 20.
Picture films, Motion-. Paul Gerson Pictures Corporation. 173,818; Mar. 20.
Picture films, Motion-. O. C. Getsinger. 168,261; Mar. 20.
Picture films, Motion-. J. T. Kelly. 170,652; Feb. 20.
Picture films, Motion-. Metro Pictures Corporation. 175,093; May 15.
Picture films, Motion-. Metro Pictures Corporation. 183,453; Oct. 30.
Picture films, Motion.- National Screen Service, Inc. 178,353; Aug. 14.
Picture films, Motion-. Radio-Films, Inc. 166,149; Oct. 2.
Picture films, Motion-. Radiograms, Inc. 166,150; Sept. 4.
Picture films, photographic transparencies, raw films, etc., Motion-. Dura Film Protector Co. 170,477; Feb. 6.
Picture productions, Motion-. R. H. Roehrig. 169,325; Feb. 20.
Picture-projection apparatus, motion-picture-projecting machines, etc., Advertising motion-. A. Price. 168,691; Apr. 24.
Picture projectors, Motion-. Hall Projector Company. 187,050; Dec. 25.
Picture-viewing machines. Advance Machine Company. 185,101; Dec. 25.
Pictures, Motion. Associated Exhibitors Inc. 175,759; Apr. 24.
Pictures, Motion. C. B. C. Film Sales Corporation. 179,025; Aug. 14.
Pictures, Motion. Chaplin Classics Inc. 173,072; Apr. 3.
Pictures, motion-picture films, machines for taking and projecting pictures, etc. C. E. Elliott. 162,392; Mar. 13.
Pictures, motion-picture films, machines for taking and projecting pictures, and screens. C. E. Elliott. 162,389–91; Feb. 27.
Pictures reproduced in copies, Motion. J. C. Jessen. 181,950; Sept. 25.
Precision tools. J. S. Imlach. 182,053; Oct. 2.
Printing, issuing, and auditing tickets, Machines for. F. A. Purdy. 167,896; Oct. 16.
Pumps, Liquid measuring and dispensing. Marvel Equipment Company. 170,985; Feb. 20.
Pumps, Oil and gasoline measuring. Tokheim Oil Tank & Pump Co. 183,323; Oct. 30.
Ring and magnifying glasses, Finger. C. M. Wiseman. 176,520; July 3.
Rules. Master Rule Mfg. Co. 177,044; July 10.
Rules, dividers, etc., Steel and zigzag. F. O. Schoedinger. 172,180; July 24.
Rules, levels, squares, etc. Stanley Works. 172,564; Mar. 6.
Rules, levels, squares, marking gauges, and levels. Stanley Works. 172,692; Mar. 6.
Rules, wantage and gauging rods, etc. Stanley Works. 179,435; Aug. 14.
Rules, yardsticks, bevels, etc. Stanley Works. 179,433; Aug. 14.
Scales, Hæmoglobin. T. W. Tallqvist. 174,542; May 29.
Scales, Weighing. Jacobs Bros. Co. 171,495; Feb. 13.
Scales, Weighing. Jacobs Bros. Co. 171,496; Feb. 6.
Scales, Weighing. Jacobs Bros. Co. 185,297; Nov. 20.
Scales, Weighing and coin-controlled. O. D. Jennings & Company. 181,077; Aug. 14.
Sign-display machines and projectors, Automatic changeable-. Standard Slide Corporation. 186,032; Dec. 11.
Slides and motion-picture films, Positive projection. C. V. & R. Batigne. 176,664; July 24.
Spectacles and eyeglass rims. Standard Optical Co. 139,433; Feb. 13.
Spectacles, eyeglasses, and ophthalmic lenses. American Optical Company. 140,766; June 12.
Speedometers. Ac Spark Plug Company. 163,493; Sept. 25.
Speedometers and speedometer plates. Precision Speedometer Co. 183,592; Oct. 30.
Squares, family weighing scales, shingling-hatchet gauges, etc., Carpenters' steel. Baker, Hamilton and Pacific Company. 170,350; Aug. 28.
Tables and boards, and attachments for same, photo-retouching desks, etc., Drafting. American Drafting Furniture Co. 138,746; Oct. 23.
Taximeters. J. A. F. Brun. 186,176; Dec. 18.
Telegraphs, Magnifying attachments for printing. J. H. Chidester. 168,918; Feb. 20.
Telescopes, binoculars, photographic lenses and cameras. Voigtländer & Sohn Aktiengesellschaft. 173,613; May 29.
Temperature and draft regulating and controlling instruments. Honeywell Heating Specialties Company. 175,395; Sept. 11.
Temperature-control apparatus, Termostatic. American Thermostat Co. 171,115; Jan. 2.
Temperature indicators, Thermoelectric. Safe-T-Stat Co. 180,143; July 10.
Thermometers. Schaeffer & Budenberg Mfg. Co. 177,110; Aug. 7.
Thermometers. Taylor Instrument Companies. 163,836; Sept. 25.
Thermometers. Taylor Instrument Companies. 185,994; Nov. 20.
Thermometers. Wilder-Pike Thermometer Company. 176,702; May 1.
Thermometers, compasses, etc. Imperial Trust for the Encouragement of Scientific and Industrial Research. 163,983–4; Sept. 18.
Thermometers, Index. E. Koehn. 164,057; May 15.
Thermometers, Oven. Electrical Appliance Manufacturing Company. 186,274; Nov. 20.
Thermostatic temperature-regulating apparatus. Taylor Instrument Companies. 163,837–9; Sept. 25.
Ticket printing, registering, adding, etc., machines. Controllograph Co. 172,978; Mar. 6.
Valves, Thermostatic regulating or control. Bishop & Babcock Company. 180,095; Oct. 16.
Weighing apparatus and parts thereof. E. and T. Fairbanks and Company. 186,118; Nov. 27.
Weighing apparatus, recording mechanism for weighing mechanism, etc., Automatic and continuous. Merrick Scale Mfg. Company. 162,188; Jan. 30.
Weighing machines. E. Edtbauer & Co. 144,669; Jan. 30.

CLASS 27.

Clips. Tongue-Tyer Clip Co. 187,970; Dec. 25.
Clocks. American Wholesale Corporation (Baltimore Bargain House.) 172,819; Feb. 20.
Clocks. E. I. du Pont de Nemours & Company. 170,235; Mar. 27.
Clocks. New Haven Clock Co. 184,747; Nov. 20.
Clocks. New Haven Clock Co. 184,748–51; Oct. 30.
Clocks. Phinney-Walker Company. 185,613–14; Oct. 30.
Clocks. Warren Clock Company. 144,303; Aug. 7.
Clocks, Alarm. F. W. Jansen Clock Company. 157,615; Mar. 27.
Clocks, clock works, and parts thereof. Vereinigte Freiburger Uhrenfabriken A.-G. incl. vorm. Gustav Becker. 180,253; Oct. 9.
Horological instruments. M. S. Rosenberg. 180,240; Oct. 30.
Watch and clock movements and watchcases. Savoy Watch Company. 179,382; July 24.
Watch movements. Chas. Schwartz & Son. 168,732; June 26.
Watch movements and watchcases. M. Goldin. 173,887; July 24.
Watch movements and watchcases. M. Levitz. 185,254; Oct. 30.
Watch movements, watchcases therefor. Chas. Schwartz & Son. 168,731; Dec. 4.
Watchcases. American Watch Import Company. 173,736; Apr. 24.
Watchcases. Dinhofer Bros. Inc. 176,168; June 26.
Watchcases. Joseph Fahys & Company. 175,777; Aug. 28.
Watchcases. Joseph Fahys & Company. 177,597; June 19.
Watchcases. Helbein-Stone Company. 156,791; Nov. 20.
Watchcases. A. Kamion. 184,314; Nov. 20.
Watchcases. M. M. Mirabeau. 178,765; June 5.
Watchcases. Morays Watch Case Co. 171,762; Feb. 27.
Watchcases. S. M. Watch Case Co. 185,232; Dec. 25.
Watchcases and watch movements. Illinois Watch Case Company. 183,706; Dec. 4.
Watches. Baird-North Company. 181,715; July 24.
Watches. J. Daving. 180,754; Aug. 21.
Watches. Jovis Watch Co. 171,498; Mar. 27.
Watches. G. J. Keller. 175,429; Dec. 4.
Watches. Stein & Ellbogen Company. 150,779; Aug. 21.
Watches. L. R. Straus. 183,997; Nov. 20.
Watches. A. Wittnauer Co. 181,327; July 24.
Watches and clocks. Robt. H. Ingersoll & Bro. 158,476; Feb. 13.
Watches and parts. F. Kaufman. 179,796; July 24.
Watches and parts thereof. W. Kaufmann. 182,917; Dec. 11.
Watches and watchcases. Edelstein Company. 174,895; June 5.
Watches and watchcases. J. Gottlieb. 154,269; Mar. 27.
Watches, clocks, alarm clocks, and parts of clocks, Vehicle. Fabriques des Montres Zenith. 171,015; June 5.
Watches, clocks, and parts thereof. Fabrique d'Horlogerie La Glycine. 181,740; Dec. 18.
Watches, clocks, and parts thereof. Hoffman Bros. Inc. 171,798; Feb. 13.
Watches, clocks, chronometers, and parts for same. A. Burnstine. 172,632; June 5.
Watches, clocks, dials, etc. Hoffman Bros. Inc. 171,799; July 10.

Watches, watchcases, watch movements, etc. R. Gsell & Co. 181,274; Dec. 11.
Watches, watch movements, and parts of the same. Hipp. Didisheim Company, Inc. 174,618; Apr. 3.
Watches, watch movements, and parts of the same. Hipp. Didisheim Company. 174,620; Apr. 3.
Watches, watch movements, and parts of the same. Hipp. Didisheim Company. 174,622–4; Apr. 3.
Watches, watch movements, and parts thereof. J. Gottlieb. 179,665; July 24.
Watches, watch movements, and parts thereof. Hipp. Didisheim Company. 174,621; Apr. 24.

CLASS 28.

Aquamarines. L. M. Zell. 172,193; Feb. 27.
Bags, Mesh. Whiting & Davis Company. 168,662; Aug. 7.
Bags, Mesh. Whiting & Davis Company. 179,979; Oct. 16.
Barrettes. Hayes-Meserole Mfg. Co. 184,968; Nov. 20.
Beads, Specially-treated strings for. Esco Manufacturing Co. 183,101; Nov. 27.
Bottles, jars, jugs, etc. Icy-Hot Bottle Company. 167,636; Oct. 9.
Bracelets and earrings. Cohen & Rosenberger, Inc. 178,224; July 10.
Bracelets, finger rings, brooches, bar pins, and buttons. Hinckley Manufacturing Company. 168,469; May 8.
Bracelets, necklaces, neck chains, key chains, etc. Louis Stern Company. 171,769; Jan. 23.
Bracelets, wristlets, neck chains, etc. Eisenstadt Manufacturing Company. 180,211; July 10.
Buckles, Belt. Pioneer Suspender Company. 180,191; Oct. 16.
Buckles, thimbles, bracelets, etc. Calhoun, Robbins & Co. 172,208; May 8.
Buttonhooks, shoehorns, buttonhook and shoehorn combinations, and glove hooks. Mappin & Webb Limited. 159,474; Jan. 2.
Buttons, Collar. Krementz & Company. 181,194; Nov. 27.
Buttons, scarf pins, etc., Cuff and collar. Taunton Pearl Works. Inc. 182,387; Oct. 16.
Chains, fobs, pendants, brackets, etc. Fr. Speidel. 167,494; Jan. 2.
Chains, fobs, pendants, bracelets, etc. Fr. Speidel. 177,703; Aug. 7.
Chains, fobs, pendants, bracelets, etc. Fr. Speidel. 179,285; Aug. 7.
Chains for personal adornment. Forstner Chain Corporation. 139,118; Apr. 24.
Chains, pendants, finger rings, etc. Spear & Susskind. 175,818; May 29.
Earrings, finger rings, pendants, scarf pins, etc. L. Bessell. 177,266; July 24.
Earrings, hatpins, brooches, etc. Miller Brothers. 176,800; May 8.
Extractors and belt clamps. Crescent Belt Fastener Company. 169,201; Dec. 11.
Flatware and hollow ware, Sterling-silver. R. Wallace & Sons Mfg. Co. 185,350; Nov. 27.
Flatware consisting of spoons, forks, ladles, etc., Silver-plated. International Silver Company. 171,272; Jan. 23.
Flatware, Plated. Joseph Fahys & Company, 170,373; Feb. 20.
Gems and stones, Reproductions of precious and semi-precious. Jos. H. Meyer Bros., Inc. 164,931–2; Apr. 24.
Handbags, Ladies'. Automatic Meshbag Co. 167,449; Jan. 2.
Hollow ware. Farber Silver Corporation. 180,059; July 24.
Jewelry. Cohn & Rosenberger Inc. 182,652; Nov. 27.
Jewelry. Marshall Field & Company. 161,539; Feb. 20.
Jewelry. M. M. Mirabeau. 175,507; July 10.
Jewelry. H. Ratner. 181,413; Nov. 27.
Jewelry. L. Reubenstone. 169,423; Apr. 24.
Jewelry. Sigler Bros. Co. 167,853; July 24.
Jewelry and personal adornment, Articles of. Manufacturing Jewelers Export Co. 169,680; May 29.
Jewelry and powder-puff boxes, vanity cases, etc. Gorham Manufacturing Company. 152,250; Oct. 16.
Jewelry, etc. L. S. Mayer, Gesellschaft mit beschrankter Haftung. 171,278; Oct. 9.
Jewelry of precious metal, Articles of. I. Schiffman. 174,369; May 29.
Jewelry, tableware, etc. Ralph J. Gillett Importing Company. 154,589; Aug. 21.
Lamp standards, fruit bowls, candlesticks, comports, etc. Superior Silver Company. 169,466; Feb. 20.
Necklace clasps and fasteners. Harry C. Schick, Inc. 166,960; Feb. 6.
Necklaces, and cords for stringing and restringing pearls or beads, Pearl and bead. S. E. Porter. 174,486; Aug. 7.
Necklaces, bracelets, brooches, etc. G. P. McKenna. 173,606; May 8.
Necklaces, bracelets, sautoirs, earrings, etc., Pearl. H. R. Levin. 170,532; Feb. 6.
Necklaces, Imitation-pearl. American Watch & Diamond Company. 171,007; Jan. 16.
Necklaces, Imitation-pearl. P. M. Shugart. 176,704; May 8.
Necklaces, Pearl. Rothschild & Company. 176,503; May 29.
Necklaces, Pearl. M. Tecla & Co. 167,958; May 29.
Nickel silver-plated articles. Lehman Bros. 177,391; May 29.
Pearl or imitation-pearl necklaces. Os-Da Company. 186,664; Dec. 11.
Pearls. N. L. Blauston. 170,614; Feb. 20.
Pearls. J. J. Bonk. 171,200; Jan. 2.
Pearls. J. J. Felsenfeld. 180,332; July 10.
Pearls. Indra Pearl Co. 171,219; Jan. 2.
Pearls. W. S. Orkin. 181,696; Oct 16
Pearls. Rosenberg & Co. 186,484; Dec. 11.
Pearls. P. Roth. 185,381; Nov. 27.
Pearls and artificial pearls. J. Flashner. 175,138; June 5.
Pearls and precious stones and jewelry in which they are mounted. A. J. Van Exem. 168,182; Dec. 11.
Pearls, Artificial. Henshel Co. Inc. 173,597; Apr. 3.
Pearls, Artificial. H. Levitan. 177,306; July 10.
Pearls, Artificial. Leys, Christie & Co. 179,734; May 29.
Pearls, Artificial. D. W. Thomas, Incorporated. 179,975; July 10.
Pearls, Artificial. M. A. Zolla. 160,378; Apr. 24.
Pearls, Artificial or reconstructed. Baird-North Company. 171,680–1; Jan. 2.
Pearls, Imitation. J. Rosenfeld. 171,006; Feb. 6.
Pearls, necklaces, bracelets, and earrings. D. Smilo. 176,578; Oct. 9.
Pearls or beads, Cord for stringing or restringing. S. E. Porter Co. 179,322; Aug. 7.
Pearls, pearl necklaces, and pearl-mounted jewelry. E. C. Shapiro. 173,444; Aug. 21.
Pins, bar pins, bead neck chains, belt buckles, etc., Baby. Goldsmith, Stern & Co. 171,418; Feb. 6.
Pins, belt buckles, bracelets, brooches, neck chains, etc., Bar. Dinhofer Bros. Inc. 173,918; Apr. 3.
Pins, buckles, clasps, buttons, watch chains, neck chains, etc. William C. Green Company. 172,331; Apr. 3.
Precious metals, Articles made of or plated with. W. R. Elfers. 179,139; Aug. 21.
Rhinestones and chatons. E. Clar. 172,862; July 10.
Rings and neck chains, Finger. L. Block. 171,893; July 24.
Rings and ring mountings, Finger. Shirley Manufacturing Co. 171,820; Mar. 27.
Rings, bar and scarf pins, earrings, Finger. Baskin Brothers. 184,230; No. 20.
Rings, Finger. J. B. Bowden & Company. 144,273; Jan. 30.
Rings, Finger. B. F. Brogan. 176,714–15; May 8.
Rings, Finger. Glaser Bros. 173,188; Feb. 27.
Rings, Finger. William C. Greene Company. 172,943; Mar. 13.
Rings, Finger. H. E. Kaplan. 180,435; July 10.
Rings, Finger. H. E. Kaplan. 180,436; Aug. 28.
Rings, Finger. Katz & Ogush. 181,126; Nov. 27.
Rings, Finger. Schneider & Hyman. 181,316; Nov. 20.
Rings, Finger. Standard Ring Co. 167,540; May 8.
Rings, Finger. Uncas Manufacturing Co. 172,786; May 29.
Rings, Finger. J. R. Wood & Sons. 186,344; Dec. 11.
Rings, pendants, scarfpins, bar pins, etc., Finger. B. F. Brogan. 176,716; June 5.
Rings, pins, bracelets, etc., Finger. Katz & Ogush, Inc. 184,168; Nov. 20.
Semiprecious stones. M. A. Barr. 179,844; July 10.
Silver-plated flatware, tableware, and cutlery. Oneida Community, Limited. 168,617–18; Apr. 24.
Silver-plated flatware, tableware, and cutlery. Oneida Community, Limited. 168,724; Apr. 24.
Silver-plated flatware, tableware, and cutlery. Oneida Community, Limited. 175,731; May 29.
Silver-plated hollow ware. Farber Brothers. 175,191; Sept. 4.
Silver-plated table and hollow ware and articles plated with precious metals. T. N. Benedict Mfg. Co. 167,671; Sept. 4.
Silver-plated table and hollow ware, etc. T. N. Benedict Mfg. Co. 167,670; Oct. 23.
Silverware. Elgin Silversmith Co. 178,982; Aug. 21.
Spoons, Silver-plated. International Silver Company. 181,834; Nov. 6.
Tableware, scissors, shoehorns, buttonhooks, etc. Franklin Silver Plate Company. 147,872; Feb. 6.

CLASS 29.

Automobile windshield wipers. White Products Company. 144,757; July 24.
Brooms. W. F. Cox. 122,932; Feb. 13.
Brooms. C. N. Cramer Co. 174,891; Apr. 17.
Brooms. M. G. Goeller's Sons. 175,861; May 15.
Brooms. Greenup Broom Co. 173,418; Feb. 27.
Brooms. Louisiana Broom Manufacturers Association. 173,517; Oct. 9.
Brooms. A. L. Ungerbuehler. 183,129; Oct. 2.
Brooms and mops. Gem Hammock & Fly Net Company. 138,557; Nov. 20.
Brushes. H. Behlen & Bro. 185,283; Nov. 20.

Classified list of trade-mark titles—Continued.

Brushes. E. I. du Pont de Nemours & Company. 170,240; Mar. 13.
Brushes. Lincoln Paint & Color Company. 182,978; Nov. 20.
Brushes. McKesson & Robbins Inc. 177,502; July 17.
Brushes. Peninsular Paint & Varnish Company. 182,992; Nov. 20.
Brushes. Pittsburgh Plate Glass Co. Rennous-Kleinle Division. 162,197; Aug. 21.
Brushes, Artists' and house painters'. R. Y. L. Pitet. 167,998; Jan. 2.
Brushes, Artists' paint. United Brush Manufactories. 185,390; Oct. 16.
Brushes, Bath and tooth. Geo. R. Gibson Co. 163,978; Feb. 6.
Brushes designed for household use. Osborn Manufacturing Company. 172,010; Jan. 9.
Brushes, Floor. M. G. Goeller's Sons. 182,749; Oct. 30.
Brushes for painting, etc. John L. Whiting-J. J. Adams Company. 175,584; Apr. 17.
Brushes for painting, varnishing, etc. John L. Whiting-J. J. Adams Company. 175,585; May 15.
Brushes, House-painters'. R. Y. L. Pitet. 167,997; Jan. 2.
Brushes, Nail, tooth, hair, cloth, and flesh. Geo. R. Gibson Co. 163,979; May 22.
Brushes, Paint, and shaving. Marshall-Wells Company. 181,135; July 24.
Brushes, Paint, varnish, and calcimine. Hanlon & Goodman Co. 170,189; Aug. 28.
Brushes, Paint, varnish, and calcimine. Hanlon & Goodman Co. 179,268; Oct. 2.
Brushes, Polishing. S. C. Johnson & Son. 182,101; Sept. 4.
Brushes, Shaving. Rubber & Celluloid Products Company. 179,962; July 17.
Brushes, Shoe. Parks & Parks, Inc. 173,527; June 5.
Brushes, Shoe. Parks & Parks, Inc. 173,528; Feb. 27.
Brushes, Shoe. Parks & Parks, Inc. 173,529; June 5.
Brushes, Shoe-shining. Wallin Mfg. Co. 172,306; Feb. 27.
Brushes, Tooth, complexion, and hand. Geo. R. Gibson & Co. 184,496; Oct. 16.
Brushes, Twisted-wire. Wizard Products Company. 164,682; Aug. 21.
Brushes, whisk brooms, dusters, and powder puffs. Calhoun, Robbins & Co. 172,203; Feb. 20.
China. Porzellanfabrik Ph. Rosenthal & Co. A. G. 171,102; May 15.
China. Porzellanfabrik Ph. Rosenthal & Co., A. G. 171,103; May 22.
Chinaware. Atlas China Company. 181,104; July 10.
Chinaware. E. W. Bieg. 177,472; June 5.
Chinaware. Czechoslovak Art Shop Inc. 172,032; May 15.
Chinaware. Mayer China Company. 175,017; May 8.
Earthenware utensils. W. I. Tycer. 180,088; July 31.
Hairbrushes. Cutino Company. 178,230; June 19.
Hairbrushes, nailbrushes, toothbrushes, etc. Van Vleet-Mansfield Drug Co. 186,729; Nov. 27.
Mop and duster, Combination. A. Link. 177,395; June 19.
Mops. Glenco Products Company. 176,175; Oct. 2.
Mops. Henson-Blair Manufacturing Company. 178,341; May 22.
Mops. W. C. Palmer. 164,069; July 24.
Mops and mop handles. W. H. Fisher. 175,855; Apr. 17.
Mops and mopsticks. Beaton & Cadwell Manufacturing Company. 175,760; Apr. 17.
Mops, brooms, dusters, and brushes. MacLean Drug Company. 178,757; Oct. 30.
Mops; Dish, bottle, and pot. Chore-Utensils Corporation of America. 181,380; July 24.
Mops, dusters, wall brushes, Floor. U. S. Mop Company. 150,170; Oct. 2.
Mops, mopsticks, and bathtub cleaners. J. A. Meinhardt. 180,876; July 24.
Mops, Oil. Western Steel & Chemical Co. 182,730; Oct. 23.
Oilers, yarn mops, dust cloths and yarn dust brushes, Floor. Standard Oil Company of New York. 177,576; June 19.
Paintbrushes. Baker Brush Co. 178,490; June 19.
Paintbrushes. W. T. Grant Company. 173,326; May 1.
Polishing, cleaning, or dusting, Pieces of fabric used for. Economy Wiping Materials Co. 182,468; Oct. 2.
Powder puffs. C. M. Berman. 174,230; June 19.
Powder puffs. Bonnie-B Company. 171,249; Feb. 6.
Powder puffs. J. J. Cosin. 177,167; June 19.
Powder puffs. Jacqueline Frères Limited. 166,493; Nov. 6.
Powder puffs. M. Levy. 184,171; Nov. 20.
Powder puffs. Monarch Specialty Manufacturing Co. 182,255; Oct. 2.
Powder puffs. Western Bottle Manufacturing Company. 176,140; May 15.
Powder puffs, toothbrushes, hairbrushes, hand and clothes brushes. Western Bottle Manufacturing Company. 176,145; May 15.
Shoe daubers. Parks & Parks, Inc. 177,322; May 22.
Shoe-shining kits. F. F. Dalley Company. 183,201; Oct. 2.
Talking-machine records, Cleaning pads for. Jordan Marsh Company. 177,977; May 22.
Toothbrushes. Geo. R. Gibson Co. 165,791; July 10.
Toothbrushes. Geo. R. Gibson Co. 184,337; Nov. 20.
Toothbrushes. Carl Grüneberg, Bürsten-Fabric Bratislava. 178,664; May 22.
Toothbrushes. T. P. Hyatt. 169,400; Aug. 28.
Toothbrushes. J. O. McCall. 171,810; Jan. 9.
Toothbrushes. J. O. McCall. 181,607; Aug. 21.
Toothbrushes. William T. Palmer & Company. 171,183; Jan. 9.
Toothbrushes. P. B. T. Williams. 176,389-91; Apr. 17.
Toothbrushes, hairbrushes, and nailbrushes. Heidner & Grinnell, Inc. 178,247; June 26.
Vacuum-cleaner nozzle, Mop or wiping member for attachment to. M. S. Wright Company. 175,175-6; Dec. 25.
Window squeegee. A. Wenger. 170,261; Feb. 20.
Window wipers. O. F. Keydel. 160,612; Feb. 6.
Windshield cleaners. Trico Products Corporation. 170,909; Feb. 6.
Windshield cleaners. Trico Products Corporation. 170,911-12; Jan. 2.
Windshield cleaners of the squeegee type. H. D. Thomas. 180,153; Aug. 28.

CLASS 30.

China. Rosenthal-Porzellanfabrik, vorm. Jac. Zeidler & Co. 170,547; Dec. 18.
China and earthenware. George Jones & Sons, Limited. 149,139; Dec. 18.
Crockery and porcelain. Gorham Manufacturing Company. 152,251; Nov. 20.
Crockery, earthenware, and porcelain. Porzellanfabrik Ph. Rosenthal & Co., A. G. 186,329; Dec. 11.
Earthenware, china, and porcelain plates, table and kitchen ware. Goldenberg's. 170,644; Dec. 25.
Plates, cups, jugs, and dishes. Icy-Hot Bottle Company. 167,637; Oct. 9.
Pottery ware. Duo-Art Belleek Co. 185,209; Dec. 4.
Teapots, Porcelain. G. Barnett. 176,942; Oct. 30.

CLASS 31.

Air conditioning and cooling devices. Aridor Company 179,511; Oct. 18.
Beverage coolers. Ho-Jay Corporation. 182,811; Oct. 2.
Chest, Cooling. Keynote Manufacturing Co. 171,086; Apr. 10.
Filters, Air. Staynew Filters Corporation. 169,690; Feb. 20.
Filters and refrigerators. Richmond Cedar Works. 177,694; June 5.
Filters, Oily liquid for impregnating the filling mass of air. Wm. Reed Engineering Company. 175,371; June 26.
Filters, water colors and beverage coolers. Allen Filter Company. 169,344; Jan. 2.
Filtration materials. Adamite Filtration Co. 182,326; Sept. 11.
Fluids, Material for arresting and separating impurities or other matter from. Celite Products Company. 146,755; Apr. 17.
Ice and refrigerating machinery, ammonia compressors, receivers, and condensers, etc. Phoenix Ice Machine Co. 170,785; May 22.
Ice-cream freezers. Steinfeld Inc. 178,574; July 17.
Ice-making and refrigerating machinery and the several parts thereof. Triumph Electric Co. 167,210; May 1.
Ice manufacturing machines and parts thereof. Chemical Machinery Experiment Co. 164,490; Nov. 6.
Package cases for keeping food cold, Cooled. E. G. F. Lockyer. 158,990; Mar. 20.
Refrigerating and ice-making apparatus. Winter Machine Company. 145,864; Apr. 3, 1923.
Refrigerating and ice-making plants, apparatus, machines, and parts and accessories thereof. Carbondale Machine Company. 172,637; May 29.
Refrigerating apparatus. Automatic Refrigerating Company. 177,644; May 15.
Refrigerating apparatus. Automatic Refrigerating Company. 177,645; May 22.
Refrigerating apparatus. D. Eddy and Sons Co. 179,994; July 3.
Refrigerating apparatus, Artificial. Freezerator Co. 163,512; Apr. 3.
Refrigerating machinery and refrigerators. Vogt Brothers Mfg. Co. 160,218; May 22.
Refrigerating units, refrigerators, etc. Nitzer Corporation. 187,438; Dec. 18.
Refrigeration cabinets. I. C. Refrigeration Co. 180,477; July 17.
Refrigerator display cases. City Refrigerator Company. 181,880; Sept. 11.
Refrigerators. American Range & Foundry Company. 173,549; Mar. 6.
Refrigerators. J. Elkin. 183,264; Nov. 6.
Refrigerators. C. H. Hill & Co. Inc. 170,247; Mar. 20.
Refrigerators. Ristel Manufacturing Company. 171,553; Feb. 13.
Refrigerators. Universe Corporation. 181,156; July 24.
Refrigerators and parts, refrigerating systems. National Electric Products Corporation. 177,140; July 3.
Refrigerators and refrigerator show cases. R. E. Ottenheimer. 173,204; Apr. 24.
Refrigerators, Domestic. Prescott & Company. 177,199; May 8.

Refrigerators, ice chests, nursery boxes, water coolers. Goldenberg's. 170,643; Feb. 20.
Refrigerators, Portable. Livingood Manufacturing Corporation. 171,426; Jan. 23.

CLASS 32.

Barrels and the like, Racks for supporting. Economy Engineering Company. 172,038; Jan. 30.
Bed springs. Cleveland Wire Spring Company. 175,465–6; May 15.
Bed springs. B. F. Lindsley. 175,801; July 31.
Bed springs. New York Bed Spring Mfg. Co. 180,716; Aug. 7.
Bed springs. Simmons Company. 183,412; Oct. 30.
Beds, bed springs, and mattresses. U. S. Bedding Company. 179,246; Aug. 28.
Beds, Closet and wall. Roberti Bros. 174,110; Mar. 27.
Beds, Concealable. California Wall Bed Company. 180,326; Aug. 7.
Beds, Crib. Kiddie-Town Products, Inc. 156,067; Feb. 27.
Bookcases, beds, buffets, etc. Gladding Dry Goods Co. 158,829; May 29.
Bookcases, bedsteads. buffets, bureaus, etc. Heywood-Wakefield Company. 171,459; Oct. 16.
Box springs and mattresses. A. Wuest. 187,598; Dec. 18.
Cabinet, Steel filing. A. Paulson. 163,765; Jan. 2.
Cabinets. Wasmuth-Endicott Company. 171,774; June 12.
Cabinets, desks, stools, etc., Filing. Levey Printing Company. 173,510; Aug. 7.
Cabinets, desks, stools, etc., Filing and other. Levey Printing Company. 173,507; Aug. 14.
Cabinets, Kitchen. McDougall Company. 174,846; Mar. 27.
Cabinets, Medicine. J. P. Eustis Manufacturing Company. 166,988; Jan. 2.
Cabinets, Stencil. Elliott Company. 180,693; Sept. 11.
Chair seats, Fiber. American Fibre Chair Seat Corp. 177,028; June 12.
Chairs and sofas, Parlor. Paris Upholstering Co. 170,691; Feb. 27.
Chairs, benches, stools, desks, and bookcases. Columbia School Supply Co. 184,714; Nov. 27.
Chairs, Office, household, and factory. W. S. Ferris. 183,102; Nov. 27.
Chairs, porch rockers, and settees, Porch. H. A. Peart. 158,645–6; May 15.
Chairs, Stationary swivel. Mov-Ezy Theatre Seating Co. 163,587; Jan. 23.
Chest, Cedar. Ed. Roos Company of Forest Park. 173,675; May 1.
Chests, Cedar. Lane Co. 180.377; Aug. 28.
Chests or cabinets, Display. Oneida Community Limited. 169,728; Nov. 27.
Costumer. Nightrack Manufacturing Company. 174,185; May 1.
Couches or davenports, Swinging. Enterprise Bed Company. 167,770; Dec. 18.
Counters, cafeteria tables, dressers, etc. Gunn Furniture Company. 175,552; Oct. 2.
Crib, Collapsible baby. D. D. Comstock. 183,909; Nov. 27.
Cushions, Hair carpet and hair seat. American Hair Felt Co. 173,066; May 1.
Desks. Durard Desk Mfg. Co. 166,736; June 12.
Desks, tables, stands, etc. Wagemaker Company. 183,867; Nov. 27.
Frames, Picture. B. Proctor, jr. 171,707; Jan. 30.
Furniture. A. W. Anderson Corporation. 171,401; Feb. 20.
Furniture. Cron Company. 167,041; Feb. 27.
Furniture. A. S. Heineman. 148,885; Jan. 30.
Furniture and upholstery. William Lawrence & Co. 134,969; Apr. 3.
Furniture, Children's. Selrite Products Inc. 162,319; Nov. 27.
Furniture, Dining-room. Bockstege Furniture Co. 173,347; May 8.
Furniture, Domestic. Faultless Iron Works. 163,748; Sept. 11.
Furniture, Household. R. H. Macy & Co. 160,296; Aug. 7.
Furniture, Household. O. W. Richardson & Co. 168,553; Mar. 27.
Furniture, Household and office. F. H. Miller. 175,203; May 29.
Furniture for homes. C. Niss & Sons, Inc. 149,345; Feb. 27.
Furniture, Porch. Appleton Toy & Furniture Co. 161,403; Aug. 7.
Furniture, Upholstered. Landau Cabinet Company. 174,743; Aug. 7.
Furniture, Upholstered. Albert Sklarek Co. 176,922; Aug. 7.
Furniture, Upholstered household. Pan-American Furniture Factory, Inc. 174,149; May 22.
Glass. Bullet Proof & Non-Shatterable Glass Corporation. 176,717–18; June 5.
Glass and crystal sheeting, Plate and mirror. Syracuse Glass Company. 178,007; June 5.
Hammocks and stands therefor, Couch. Atlas Hammock Co. 173,048; July 3.
Hammocks, Swing couch. H. E. Burroughs. 143,533; Aug. 7.
Mattresses. Augusta Bedding Company. 170,706; Feb. 13.
Mattresses. Cotton Belt Manufacturing Company. 172,829; July 24.
Mattresses. Enterprise Mattress Company. 181,066; Dec. 4.
Mattresses. John Hoey & Co. 177,084; May 29.
Mattresses. John Hoey & Co. 177,085; Sept. 11.
Mattresses. Marshall Ventilated Mattress Co. 181,838; Aug. 28.
Mattresses. Never-Stretch Mattress Company. 175,616; May 29.
Mattresses. New England Fibre Mills. 172,285; Jan. 30.
Mattresses. New England Fibre Mills. 172,287; Jan. 30.
Mattresses. New England Fibre Mills. 172,648–9; Jan. 30..
Mattresses. Stearns & Foster Company. 160,094; May 8.
Mattresses. Stearns & Foster Company. 186,254; Dec. 18.
Mattresses, pillows, and box springs. M. Gordon. 183,923; Dec. 11.
Mattresses, pillows, bolsters, and cushions. Robinson-Roders Co. 136,603; Aug. 7.
Mattresses, pillows, bolsters, cushions. Robinson-Roders Co. 136,604; Apr. 24.
Mirrors and ornamental picture frames, Toilet. Cutino Company. 178,228; June 19.
Mirrors and picture frames, Hand. Newark Tortoise Shell Novelty Co. 160,898; June 12.
Mirrors, picture frames, Hand. E. I. du Pont de Nemours & Company. 170,239; May 8.
Office and phonograph record racks. La Salle Manufacturing Company. 172,748; Mar. 27.
Pads or cushions, Seat. Wedler-Shuford Co. 163,125; Jan. 30.
Partitions, Portable sectional. Unit Construction Company. 152,048–9; May 1.
Phonograph cabinet, dower and cedar chests, and seats. Theodor Kundtz Company. 178,929; Nov. 13.
Phonograph-record-display stand. Musical Products Distributing Co. 180,715; Aug. 28.
Pillows. James W. Brine Company. 172,731; Feb. 13.
Pillows. L. Lowenstein & Son. 157,491; July 3.
Pillows and cushions. Sunset Feather Co. 172,911; May 1.
Rug sacks. F. Michelbach. 177,613; Sept. 25.
Shades, Porch. C. W. Warren. 179,904; Aug. 7.
Shades, Porch. C. W. Warren. 179,905; Oct. 16.
Shades, Porch. C. W. Warren. 179,906; Oct. 23.
Shades, Porch. C. W. Warren. 179,907; Oct. 16.
Shades, Porch and window. Aeroshade Company. 178,016; June 12.
Shades, Window. H. M. Brown. 172,506; May 1.
Shades, Window. F. C. C. Smith. 182,069; Oct. 30.
Shelf, Swinging. American Writing Machine Company. 183,956; Dec. 4.
Sofas, divans, wardrobes, etc. Atlas Furniture Company. 175,050; Oct. 9.
Spring beds, mattresses, cots, and metal bedsteads. Southern Spring Bed Company. 173,859; Apr. 24.
Springs and bedsteads, Bed. Norfolk Mattress Company. 180,547; Sept. 11.
Springs, Box. International Bedding Co. Inc. 164,049; May 15.
Springs, mattresses, and pillows, Box. Schultz & Hirsch Co. 175,950; May 29.
Steel equipment and furniture. M. Loewy. 174,790; Oct. 30.
Table, Electrically-equipped serving. Nichols Electric Furniture Co. 175,623; Oct. 2.
Tables and other forms of support for holding or supporting electric heating appliances. C. B. Worthen Co. 165,220; Nov. 13.
Tables, Folding. Parker-Young Company. 185,983; Dec. 18.
Tables, Household. S. Y. Sullivan. 159,292; Mar. 6.
Tables, Take-down. G. E. Tomlinson. 173,943; May 1.
Talking-machine record, talking-machine, radio, and player-piano-roll cabinets. Udell Works. 171,110; Jan. 30.
Towel cabinets. J. N. Borroughs. 178,023; Aug. 28.

CLASS 33.

Automobiles, Lenses for. Deglarescope Company. 167,975; Jan. 9.
Bottles, Milk. A. Westlake. 169,513; Jan. 9.
Glass. Chance Brothers and Co. Limited. 182,086; Aug. 21.
Glass. Pressed Prism Plate Glass Company. 187,346; Dec. 4.
Glass and glassware. Manufactures des Glaces et Produits Chimiques de St. Gobain. Chauny & Cirey. 168,720; Jan. 9.
Glass antiglare shields. Detro Sales Service Co. 174,512; Dec. 4.
Glass, Colored. Semon Bache & Company. 184,920; Oct. 30.
Glass cooking ware for children, Sets of. McKee Glass Company. 187,261; Dec. 4.
Glass, glare shields of glass, Window. Thoma & Son Inc. 182,188; Sept. 25.

Glass globes and reflectors for artificial light. Holophane Glass Company. 182,813–14; Dec. 4.
Glass, Mirror and plate. Hagemann Glass Co. 167,872; Feb. 20.
Glass plates, bowls, nappies, jars, jugs, pitchers, etc. Jeanette Glass Company. 172,277; Apr. 3.
Glass, Sheet. L. J. Houze Convex Glass Company. 181,397; July 24.
Glass, Sheet. L. J. Houze Convex Glass Company. 181,398; July 31.
Glass, Sheet. Pennsylvania Wire Glass Company. 170,596; Jan. 30.
Glass teapots. Corning Glass Works. 171,413; Apr. 10.
Glass, Window. Dwelle-Kaiser Co. 169,628; Nov. 6.
Glassware, Illuminating. Oscar O. Friedlaender Co. 173,280; June 12.
Glassware, Illuminating. Gillinder & Sons, Inc. 174,133; Mar. 6.
Glassware, Ornamental and table. Imperial Glass Company. 185,929; Dec. 4.
Glassware, Table. Gimbel Brothers, Inc. 180,063; July 10.
Globes, Electric-light. X-Cel-All Co. 187,499; Dec. 4.
Headlight cover glasses, Automobile. United States Lens Company. 173,059; May 8.
Lenses, Mirrored. C. F. Bacon, trustee. 179,024; Nov. 20.
Photographic-dry-plate glass and picture glass. Chaufouraux Glass Company. 181,728; Oct. 23.
Window glass. Mountain State Glass Co. 177,139; Apr. 17.

CLASS 34.

Asphalt melter. O. Falkenwalde. 186,180; Dec. 18.
Boiler and heater, Combined. American Radiator Company. 154,073; Apr. 24.
Boilers. Aird-Don Co. 179,254; Sept. 4.
Boilers and condensers, hot-air and hot-water furnaces, etc., Steam. Mannesmannröhrem Werke. 163,695; Dec. 11.
Boilers and parts thereof. High-pressure. Aktiebolaget Atmos. 172,140; May 22.
Boilers, furnaces, and heaters, etc., Steam. Alexander Morrison & Company. 160,456; June 19.
Boilers, Range. Pennsylvania Boiler Co. 182,484; Oct. 23.
Boilers, Steam. J. S. Schofield's Sons Co. 166,719; Jan. 30.
Boilers, Steam and hot-water. Fitzgibbons Boiler Company. 186,121; Nov. 27.
Boilers, Steam and hot-water heating. Birchfield Boiler Company. 166,974; Jan. 2.
Boilers, Steel. Wickes Boiler Co. 162,860; July 3.
Burner drums. Cleveland Metal Products Company. 161,302; Apr. 24.
Burner drums. Cleveland Metal Products Company. 176,951; June 19.
Burners. Elektrizitatswerk Lonza. 166,777; Feb. 6.
Burners, Fuel-oil. W. M. Hoffman. 166,829; Jan. 30.
Candlesticks, incense burners, and lamps. Pup Toys Company. 175,158; May 22.
Cooking stands, stoves, teakettle-heating outfits, etc. S. Sternau & Co. 151,812; Oct. 23.
Cookstoves, ranges, etc. Hammer-Bray Company. 160,604; July 3.
Dampers, soldering furnaces, etc., Stove. F. O. Schoedinger. 172,183; July 17.
Dehydrators and parts of dehydrators. Monarch Corporation. 178,268; July 24.
Fireplaces. Elson & Church. 177,431; June 5.
Fire wagons, surface heaters, and melting kettles. Barber Asphalt Company. 170,748; June 26.
Fuel, Apparatus for preparing, conveying, and burning comminuted. Grindle Fuel Equipment Company. 175,551; June 5.
Furnaces and furnace castings and coal-feeding stokers, Coal-burning. Murphy Iron Works. 157,380; Oct. 23.
Furnaces and parts thereof, Steam-boiler. W. A. Gilchrist. 179,719; Dec. 25.
Furnaces, etc., Oil-burning equipment. Mahr Manufacturing Company. 172,683; July 17.
Furnaces, gas-fired steam boilers, gas ranges, etc., Gas. C. B. Babcock. 186,407; Dec. 25.
Furnaces, Heating. Howard Stove & Furnace Co. 180,603; July 24.
Furnaces, New and rebuilt. Eureka Smokless Furnace Co. 156,269; Feb. 6.
Furnaces, Pipe and pipeless cast-iron warm-air. Enterprise Foundry Company. 167,805; Aug. 21.
Furnaces, stoves, ranges, and heaters. Cole Manufacturing Company. 168,254; Dec. 25.
Furnaces, Warm-air. W. G. McPherson Company. 172,626; Mar. 13.
Furnaces, Warm-air. Richardson & Boynton Co. 179,222; July 24.
Gas appliance. Johnson Gas Appliance Company. 176,348; Oct. 23.
Gas for heating, etc., Self-contained units for storing and supplying. Carbide & Carbon Chemicals Corporation. 185,651; Dec. 18.
Gas generators. Coleman Lamp Company. 186,695; Dec. 25.
Gas mantles, burners, and lamps therefor, etc., Upright and inverted. Auerlicht Gesellschaft m. b. H. Kommanditgesellschaft. 177,537; May 22.
Generators for producing gas, gas cartridges, and parts thereof, etc. Thermalene Gas Corporation. 171,823; Apr. 24.
Headlights, Glare-shield attachments for automobile. Patent Novelty Company. 176,208; Aug. 28.
Headlights and flood lights, Electric. Berkeley Light Corporation. 137,513; Apr. 24.
Heat-generating plants. Winslow Boiler & Engineering Co. 158,025; Feb. 27.
Heat-treating containers. Chrobaltic Tool Company. 174,553; May 22.
Heater and ventilator, Combined. Columbus Heating & Ventilating Company. 168,100; Feb. 6.
Heater, Hot-water. Central Radiator Company. 166,523; Jan. 2.
Heaters, fire pots, annealing furnaces, etc., Asphalt surface and kettle. Hauck Manufacturing Company. 168,365; Mar. 20.
Heaters, Gas. G. F. Schmidt. 157,078; Mar. 20.
Heaters, Gas. Trolley Supply Co. 186,532; Dec. 18.
Heaters, Gas. A. H. Wolff Gas Radiator Co. 154,394; Jan. 30.
Heaters, Gas hot-water storage. Welsbach Co. of N. E. 178,154; Oct. 30.
Heaters, Oil. A. J. Alsdorf Corporation. 180,678; Aug. 21.
Heaters, Water. General Water Heater Corporation. 176,173; May 22.
Heaters, Water, fuel-oil, and evaporator water. Griscom-Russell Company. 178,099; Oct. 30.
Heating apparatus. General Gas Mantle Co. 185,354; Nov. 27.
Heating apparatus, Portable. A. Garbarini. 165,750; June 5.
Hydrocarbon-fuel burners. Gasifier Company. 180,214; Aug. 21.
Incinerators. Heimbach Incinerator Co. 175,427; June 5.
Kerosene-gas-making appliances. Gloria Light Co. 171,123; July 17.
Kilns, Dry. Hunter Dry Kiln Company. 175,354; July 17.
Lamp burner, Kerosene-. Gill Brothers Company. 183,474; Nov. 13.
Lamp shades. I. R. Carter. 175,543; Aug. 14.
Lamp shades. P. Smith. 174,980; June 5.
Lamp shades, Metal. Eskilstuna Stålpressnings Aktiebolag. 174,361; June 26.
Lamp wick. Gill Brothers Company. 184,665; Nov. 27.
Lamps, lanterns, etc. Perkins Marine Lamp Corporation. 139,369; May 22.
Lamps, Miners' acetylene. Justrite Manufacturing Company. 165,629; Jan. 2.
Lanterns and the burners and metal parts thereof, Oil-burning. R. E. Dietz Company. 176,455; May 22.
Lanterns, Decorative. W. S. Lafans. 170,980; Mar. 27.
Light supports. M. Greenan. 161,879; Jan. 30.
Lighting fixtures. R. Beardsley. 153,196; Nov. 13.
Liquid-fuel burners. Scarab Oil Burning Company. 166,019; Jan. 2.
Locomotive spark catcher. E. Bronson. 157,206; Mar. 13.
Mantles, Gas and gasoline. Block Gas Mantle Company. 180,651; July 24.
Manufactured devices. Douley Brothers Company. 178,828; Aug. 7.
Oil burners. D. Perry. 154,458; Jan. 9.
Oil burners, balanced draft equipment for furnaces, etc. Engineer Company. 181,882; Nov. 20.
Oil-burning appliances. Aeroil Burner Company. 169,840; July 17.
Ovens, Baking. Baker-Perkins Manufacturing Corporation. 177,581; Aug. 21.
Ovens for gas, gasoline, and oil stoves. American Stove Company. 174,720; Aug. 14.
Packing cases, Heated. E. G. F. Lockyer. 158,989; May 29.
Radiators, Gas, steam. Cabco Iron Works. 168,447; Jan. 23.
Ranges and broilers, etc., Coal and gas combination. W. F. Dougherty & Sons, Incorporated. 177,774; July 17.
Ranges and gas and coal heaters, Gas and combination coal and gas. A. H. Tinnerman. 169,261; Apr. 10.
Ranges and heaters, Gas. Sunray Stove Company. 178,071; May 22.
Ranges and stoves, Gas and coal. Tappan Stove Co. 169,880; Dec. 4.
Ranges, Domestic gas. Detroit City Gas Company. 170,128; May 29.
Ranges, Gas. A-B Stove Company. 172,073; Mar. 13.
Ranges, Gas. Wincroft Stove Works. 180,636; Sept. 4.
Ranges, heaters, stoves, and furnaces. Marshall-Wells Company. 178,855; July 24.
Ranges, stoves, and pipeless furnaces. Fries, Beall & Sharp Co. 169,587; Mar. 13.
Reflectors, Illuminating. Cole Visible Gas Gauge Company. 152,363; Feb. 6.
Registers for heating purposes. Rock Island Register Company. 165,157; Apr. 24.
Smokers' articles. M. E. Bernhardt. 169,394; Mar. 13.

Spark arresters. South Bend Spark Arrester Co. 167,900; Aug. 14.
Stokers. Underfeed. Sanford Riley Stoker Company. 181,314; July 24.
Stoves. American Stove Company. 181,330; Dec. 11.
Stoves. Kremer Metal Products Co. 183,303; Nov. 27.
Stoves. Summerfield Company. 178,883; July 24.
Stoves, Alcohol. Blu-Blaze Corporation. 182,496; Oct. 30.
Stoves and heaters, oil-burning lamps, lanterns, lamp burners, etc. Standard Oil Company of New York. 166,207; Jan. 30.
Stoves and ranges. Abram Cox Stove Company. 165,619; Mar. 13.
Stoves and ranges. Portsmouth Stove & Range Co. 165,967; Jan. 9.
Stoves and ranges, Coal and gas. Perfect Stove & Manufacturing Co. 175,732; Sept. 4.
Stoves and ranges, etc., Coal, wood, and gas cooking and heating. Keeley Stove Company. 178,392; Sept. 4.
Stoves, Cooking and heating. Holbrook, Merrill & Stetson. 162,409; Apr. 3.
Stoves, Gas, coal, oil, and gasoline. American Stove Company. 166,163; Jan. 2.
Stoves, gas fireplace heaters, and incinerators. Guardian Gas Appliance Company. 184,852; Nov. 27.
Stoves, Liquid-fuel camp. Goldberg Brothers. 162,489; Feb. 27.
Stoves, Oil. Vapo Stove Company. 167,743; Jan. 30.
Stoves, Oil-lamp. Consolidated Iron-Steel Manufacturing Company. 161,235; Jan. 2.
Stoves or ranges, Combination. Magee Furnace Company. 167,481; Jan. 23.
Stoves, ovens, heaters, etc. C. E. Adamson. 179,125; July 24.
Stoves, ranges, and furnaces, Gas and coal. Abram Cox Stove Company. 181,733; Oct. 23.
Stoves, ranges, and heaters. Anchor Stove & Range Co. 150,425; Jan. 9.
Stoves, ranges, etc., Gas, coal, wood, or coke cooking or heating. Buckwalter Stove Company. 152,232; Jan 2.
Stoves, ranges, furnaces, and hot-water heaters. Keeley Stove Company. 178,393; June 5.
Torches, Preheating. Weldit Company. 166,965; Apr. 3.
Ventilators. W. H. Jardine. 187,679; Dec. 25.
Ventilators for buildings, sash bars, door panels, etc. V-W Ventilator Co. 168,229; Jan. 23.
Ventilators, Industrial. American Larson Ventilating Co. 178,157; June 12.
Water heaters. General Water Heater Corporation. 180,856; Aug. 21.
Water heaters. General Water Heater Corporation. 180,857; Oct. 23.
Water heaters. Stack Heater Company. 155,277; July 24.
Water heaters and boilers, Jackets for. Bastian-Morley Co. 185,102; Dec. 11.
Water-heaters, Gas. Bastian-Morley Co. 173,950; May 8.
Water heaters, Gas. Bastian-Morley Co. 173,951; Mar. 13.
Water-heating apparatus and parts thereof. Ferguson and Lange Foundry Company. 169,580; June 12.
Welding apparatus using gas. Prest-O-Lite Company. 107,374; Feb. 6.

CLASS 35.

Automobile accessories. J. N. Gold. 164,431; July 17.
Automobile and cycle tire boots and patches and patching material for rubber tires. Swartz Brothers. 158,900; June 26.
Automobile fan belts. Teuscher & Son Machinery Supply Co. 163,553; Nov. 13.
Automobile transmission bands. Parks & Bohne, Inc. 176,645; June 26.
Automobile transmissions, Lining for. Standard Motor Parts Company. 175,413; Apr. 24.
Automobile tubes, Patches for. Wear-Ever Patch Mfg. Co. 169,941; Feb. 27.
Belting. Security Rubber and Belting Company. 185,624; Dec. 4.
Belting and packing, Leather. Chas. A. Schieren Company. 139,723; Feb. 13.
Belting, Fabric. Maxtic Belt & Packing Co. 168,479; Feb. 20.
Belting, Fabric. Stockton Commission Co. 166,324; Feb. 6.
Belting, hose, and packing, Machinery. Manhattan Rubber Mfg. Co. 160,825; June 19.
Belting, hose, packing. Warren & Bailey Co. 172,246; July 17.
Belting, hose, packing, etc., Power. Power Supply Company. 145,647; Jan. 9.
Belting, hose, packing, etc., Woven. Wm. E. Hooper & Sons Co. 168,152; May 29.
Belting, Leather. J. Bachmann. 177,760; July 3.
Belting, Leather. Chicago Belting Company. 174,889; May 8.
Belting, Leather. John Ormerod & Sons, Ltd. 170,832; Sept. 11.
Belting, Leather. H. E. Whiting. 179,977; Oct. 23.
Belting, Leather. H. E. Whiting. 179,978; Oct. 30.
Belting, Leather and rubber. E. C. Atkins & Company. 180,576; Oct. 23.
Belting, Round and flat leather. Charles Bond Company. 165,661; May 22.
Belts, Fan. Dayton Rubber Manufacturing Co. 168,104; Jan. 30.
Belts for machinery, Leather. Jewell Belting Company. 170,650; Aug. 7.
Belts, Leather. Texas Belting Company. 169,938; Mar. 27.
Brake lining. Allbestos Corporation. 168,091; Jan. 30.
Brake lining. Johns-Manville, Incorporated. 172,046; Apr. 3.
Brake lining. Manhattan Rubber Mfg. Co. 166,839; Sept. 4.
Brake lining. Multibestos Company. 180,341; July 31.
Brake lining. Russell Manufacturing Co. 157,007; Nov. 13.
Brake lining and clutch-disk facing, Asbestos. Asbestos and Allied Products Co. 174,813; Apr. 3.
Brake linings. Allbestos Corporation. 168,092; Feb. 6.
Casings and tires, hose, tubings, reliners, inner tubes, etc. Federal Rubber Company of Illinois. 170,760; May 22.
Engines, Gaskets for internal-combustion. J. E. Gleason. 170,880; May 1.
Fire hose, Cotton. Wm. & Chas. Beck, Inc. 175,124; Apr. 3.
Fire hose, Linen. Wm. & Chas. Beck, Inc. 176,873; Oct. 16.
Fire hose, Linen. Wm. & Chas. Beck, Inc. 176,875; Oct. 16.
Fire hose, Linen. Wm. & Chas. Beck, Inc. 185,648; Dec. 4.
Gaskets and metallic packing. F. Goetze. 186,551; Dec. 4.
Gaskets, Sheet-metal and asbestos. Fitzgerald Manufacturing Company. 174,730; June 5.
Gaskets, washers, packing and friction surfaces. Armstrong Cork Company. 162,526; Jan. 30.
Hose. Goodyear Tire & Rubber Company. 111,518; Nov. 27.
Hose. Ingersoll-Rand Company. 180,933–4; July 31.
Hose. Thermoid Rubber Company. 166,329; Feb. 27.
Hose. Voorhees Rubber Mfg. Co. 160,731; July 31.
Hose, belting, and packing. Vorhees Rubber Mfg. Co. 171,003; Apr. 3.
Hose, Cotton fire. Wm. & Chas. Beck, Inc. 176,874; Aug. 7.
Hose, Cotton fire. Wm. & Chas. Beck, Inc. 177,950; June 5.
Hose, Fabric. William and Charles Beck, Inc. 160,740; Jan. 23.
Hose, Fire and garden. Republic Rubber Company. 186,614; Dec. 4.
Hose, Flexible metal. Atlantic Metal Hose Co. 180,684; Dec. 4.
Hose, Garden. Baker, Hamilton and Pacific Company. 170,359; July 31.
Inner-tube repair patches. J. J. Fuchs. 132,601; Apr. 17.
Jar rings, Fruit. Anchor Cap & Closure Corporation. 174,353; May 22.
Packers and washers, Engine. Chemische Werke Aktiengesellschaft Postlerit-Werke. 114,846; Jan. 9.
Packing and packing material. Garlock Packing Company. 160,008; Dec. 25.
Packing, Asbestos rubber sheet. Walworth Manufacturing Company. 165,844; Feb. 13.
Packing, Compressed asbestos-fiber sheet. C. C. Humberstone. 180,122; July 31.
Packing, Compressed - asbestos - fiber - sheet machinery. Union Asbestos & Rubber Company. 165,468; Jan. 30.
Packing, High - pressure sheet. Raybestos Company. 155,932; Jan. 2.
Packing, Metallic. Metallistic Company. 167,310; Feb. 27.
Packing, Piston - rod. Johns - Mansville Incorporated. 170,294; Apr. 17.
Packing rings. Johns-Manville, Inc. 171,540; July 17.
Packings and asbestos belting used as brake lining, Rod, piston-rod, piston, etc. Johns-Manville, Incorporated. 167,818; Mar. 13.
Packings formed of vulcanized fabric, Cup. Montpelier Manufacturing Company. 155,510; Feb. 27.
Patches, Adhesive. Mengo Products Company. 150,871; June 26.
Patches, inner tubes, tire shoes, tires, Inner-tube. W. I. Ewing. 175,924; Aug. 21.
Piston and other rods, Metallic packing for. United States Metallic Packing Company. 178,009; Aug. 28.
Piston and other rods, Metallic packing for. United States Metallic Packing Company. 178,076; Aug. 28.
Piston or packing rings. Unico Motor Products Corporation. 166,332; Aug. 14.
Piston or packing rings. Unico Motor Products Corporation. 166,333; Jan. 30.
Piston packing rings. J. F. Jones. 158,929; July 31.
Piston-ring expanders. Manufacturer's Motor Products Co. 167,919; Feb. 6.
Piston rings. Bullard Manufacturing Company. 159,685; Jan. 23.
Piston rings. A. B. Chance. 153,441; Sept. 4.
Piston rings. Everyday Piston Ring Company. 158,762; Feb. 6.

Piston rings. Hooven, Owens, Rentschler Company. 173,356; June 5.
Piston rings. Richmond Piston Ring Co. 134,088; July 24.
Piston rings. Spyroseal Manufacturing Company. 143,017; Sept. 4.
Piston rings. Standard Motor Products Co. 161,586; Jan. 23.
Piston rings. Twin Piston Ring Corporation. 162,699; Aug. 21.
Piston rings, belting, hose, machinery packing, and non-metallic tires. Velvet Piston Ring Co. 171,824; May 8.
Piston rings, Seal and compensating means for. General Asbestos & Rubber Company. 170,717; Oct. 30.
Rings, Piston. Bailey & Company. 179,131; June 19.
Rings, Piston. Torsion Test Piston Ring Corporation. 179,894; July 31.
Rubber and fabric belting. New York Belting and Packing Company. 175,320; Apr. 3.
Rubber and fabric belting. New York Belting and Packing Company. 175,322; Apr. 3.
Rubber and textile rubber patches, Sheet. U. S. Distribution Co. 179,175; Oct. 9.
Rubber belting. E. C. Atkins & Company. 180,577–8; Oct. 16.
Rubber hose. E. Schulthess. 170,794; June 5.
Rubber hose. Voorhees Rubber Mfg. Co. 161,514; Oct. 23.
Rubber hose and belting. New York Rubber Company. 160,828; Feb. 27.
Rubber jar rings. Cupples Company Manufacturers. 172,584; May 8.
Rubber reenforced with fabric, Hose made of. B. F. Goodrich Company. 168,884; Jan. 30.
Rubber repair outfits. Rubber-Weld Sales Company. 174,215; Aug. 21.
Rubber treads. G. Valiquette. 169,339; May 1.
Rubber valve caps. Dayton Rubber Manufacturing Co. 158,761; Feb. 6.
Rubbers, Fruit-jar. Hamilton Rubber Manufacturing Company. 180,862; July 31.
Rubbers, Jar. Joannes Bros. Co. 172,880; Apr. 3.
Steel bands, Hardened and tempered. Sandvikens Jernverks Aktiebolag. 178,873; June 5.
Tire casings. Republic Rubber Company. 173,300; Sept. 4.
Tire casings. Sterling Tire Corporation. 183,414; Dec. 11.
Tire casings, Automobile. Cord Tire Corporation. 167,712; Apr. 17.
Tire casings, Automobile rubber-. Cord Tire Corporation. 181,635; Aug. 14.
Tire casings, Outer tires or coverings for pneumatic-. A. J. Stephens Rubber Co. 173,306; Apr. 17.
Tire casings, Pneumatic. B. F. Goodrich Company. 172,472; Apr. 3.
Tire casings, Pneumatic rubber. H. B. Christian. 166,934; Mar. 13.
Tire, Child's wagon. Puffer-Hubbard Manufacturing Company. 179,551; Aug. 21.
Tire covers. Packard Motor Car Company. 180,385; Oct. 16.
Tire flaps for automobile tires, tire accessories. A. I. Levin. 182,251; Dec. 25.
Tire patch, Self-vulcanizing. L. A. Finstick. 169,582; Apr. 3.
Tire treads. E. B. McKay. 184,738; Nov. 20.
Tires. Baker, Murray & Imbrie, Inc. 168,018; Mar. 13.
Tires. Denman Myers Cord Tire Company. 181,252; Aug. 14.
Tires. Federal Rubber Company of Illinois. 178,336; June 5.
Tires. A. Grinberg. 179,468; Nov. 27.
Tires. Hungarian Rubber Goods Factory Limited. 172,332; May 1.
Tires. Miller Rubber Company. 181,762; Sept. 4.
Tires. Pharis Tire & Rubber Co. 169,263; Mar. 13.
Tires and automobile tubes and casings, Bicycle. Simmons Hardware Company. 169,259; Aug. 14.
Tires and fabric belting, Endless woven cord fabrics for use in the manufacture of. Stockton Commission Co. 162,313; Feb. 20.
Tires and inner tubes. L. L. Chadwin. 172,512; Apr. 24.
Tires and inner tubes. Republic Rubber Company. 181,867; July 17.
Tires and inner tubes. George Spencer, Moulton & Co. Ltd. 151,299; Apr. 24.
Tires and inner tubes, Adhesive patches for automobile. Iron Clad Patch Laboratories, Inc. 171,083; June 12.
Tires and inner tubes, Automobile. J. B. Berardi. 165,479; Feb. 27.
Tires and inner tubes for pneumatic tires, Elastic vehicle. Star Rubber Company. 164,559; June 12.
Tires and inner tubes, Nonmetallic pneumatic. Globe Rubber Tire Manufacturing Co. 175,589; Apr. 3.
Tires and inner tubes of rubber or rubber and fabric, Resilient vehicle. Racine Horseshoe Tire Company. 167,653; Jan. 30.
Tires and inner tubes, Pneumatic. O. Krichbaum 182,831; Dec. 18.
Tires and inner tubes, Pneumatic automobile. Jack Tire & Rubber Company. 179,601; Aug. 21.
Tires and inner tubes, Pneumatic vehicle. India Tire and Rubber Company. 155,757; Mar. 13.
Tires and inner tubes, Rubber. L. L. Chadwin. 179,030; July 3.
Tires and inner tubes, Rubber. Mid-Continent Tire Manufacturing Company. 118,089; Apr. 24.
Tires and rubber tubes therefor, Vehicle. Fisk Rubber Company. 171,454; May 29.
Tires and rubber tubes therefor, Vehicle. Fisk Rubber Company. 183,794; Dec. 18.
Tires and tubes for vehicles. American Auto Accessories Stores. 179,579; Oct. 2.
Tires and tubes, Pneumatic. H. C. Hower. 169,854; Nov. 13.
Tires and tubes, Rubber. Fisk Rubber Company. 155,812; Jan. 30.
Tires and tubes, Rubber. C. Kenyon Company. 165,960; Feb. 20.
Tires and tubes, Rubber. National Tire & Rubber Company. 142,802; May 1.
Tires, and tubes, Rubber vehicle. Hood Rubber Company. 169,674; Mar. 20.
Tires and tubes, Vehicle. Goodyear Tire & Rubber Company. 174,242; Nov. 27.
Tires, Automobile. Michelin Tire Company. 184,413; Nov. 13.
Tires, Casings and tubes of pneumatics. Aladdin Tire Corporation. 170,109; Feb. 13.
Tires, Elastic vehicle. Norwalk Tire & Rubber Company. 179,315; July 31.
Tires, Elastic vehicle. Norwalk Tire & Rubber Company. 182,926; Dec. 4.
Tires for automobiles and rubber inner tubes for pneumatic tires. Columbia Tire Corporation. 182,136; Oct. 16.
Tires, including outer casings and inner tubes, Vehicle. International Rubber Co. of America. 186,276; Dec. 4.
Tires, Inner armor or reliner for automobile. American Automobile Accessories Company. 120,271; May 22.
Tires, inner tubes, etc., Vehicle. Ideal Tire and Rubber Company. 155,968; Apr. 1.
Tires, inner tubes, etc., Vehicle. Ideal Tire and Rubber Company. 167,817; Mar. 27.
Tires, inner tubes, linings, boots, and tire patches. Original Tire Co. 180,670; Aug. 14.
Tires, inner tubes, tire casings and shoes, etc., Vehicle. Ideal Tire and Rubber Company. 169,401; Jan. 30.
Tires, inner tubes, tire valves and treads, etc., Solid and pneumatic. Continental-Caoutchouc- und Gutta-Percha-Compagnie. 172,977; June 19.
Tires, Nonmetallic. Badger Rubber Works. 170,267; Apr. 3.
Tires, Pneumatic. Lee Tire & Rubber Co. 185,169; Dec. 4.
Tires, Pneumatic. Virginian Tire & Rubber Company. 186,092; Dec. 25.
Tires, Pneumatic. Willys-Overland Company. 123,149; Feb. 27.
Tires, Pneumatic automobile. Bell Tire Company Incorporated. 164,784; Jan. 2.
Tires, Pneumatic vehicle. Empire Tire & Rubber Corporation. 166,223; Apr. 17.
Tires, Puncture patches for pneumatic. T. A. St. John. 181,092; July 31.
Tires, reliners, etc. Goodyear Tire & Rubber Company of California. 144,811; Oct. 16.
Tires, Resilient vehicle. Kelly-Springfield Tire Co. 168,046; Mar. 27.
Tires, Rubber. Coast Tire and Rubber Company. 179,656–7; Aug. 21.
Tires, Rubber. Dayton Rubber Manufacturing Co. 162,809; Feb. 6.
Tires, Rubber. Doscat Tire & Rubber Corporation. 172,260; Apr. 3.
Tires, Rubber. Fisk Rubber Company. 172,416; May 1.
Tires, Rubber. Fisk Rubber Company. 173,186; Apr. 24.
Tires, Rubber. Goodyear Tire & Rubber Company. 156,991; Feb. 6.
Tires, Rubber. Henderson Tire & Rubber Co. 168,926; Jan. 30.
Tires, Rubber. Master Tire & Rubber Co. 175,726; Oct. 23.
Tires, Rubber. Overman Cushion Tire Company. 167,091; Jan. 30.
Tires, Rubber. Overman Cushion Tire Company. 167,093–5; Jan. 30.
Tires, Rubber and fabric. Brunswick-Balke-Collender Company. 177,951; July 17.
Tires, Rubber and fabric. Brunswick-Balke-Collender Company. 177,952; July 24.
Tires, Rubber cushion. Lambert Tire & Rubber Company. 169,309; Jan. 30.
Tires, Rubber tubes for pneumatic. Packard Motor Car Company of New York. 177,510; July 31.
Tires, Solid and pneumatic rubber and fabric. Miller Rubber Company. 174,791; Apr. 24.
Tires, tire casings, inner tubes, Rubber. General Tire and Rubber Company. 114,161; Feb. 27.
Tires, tubes, patches, hose, etc., Rubber. Stanley Glidden Co. 121,766; Apr. 10.
Transmission linings. L. L. Libby. 156,284; Mar. 13.
Tube patches. C. S. Yeagle. 164,287; Nov. 6.

Tubes and rubber-tire covers, Inner. J. R. Reilly. 185,230; Dec. 4.
Tubes and tires, Inner. Admiral Tire & Rubber Company. 183,017; Nov. 13.
Tubes, Inner. B. F. Goodrich Company. 175,720; June 5.
Tubes, Inner. S. Hershenstein. 166,000; Jan. 30.
Tubes, Pneumatic. North American Process Company. 169,919; Feb. 27.
Tubes, pneumatic, cord, and fabric tires, Inner. Columbia Tire and Rubber Company. 171,751; Apr. 17.
Tubes, Repair patches for pneumatic. H. E. Conroy. 160,582; Jan. 2.

CLASS 36.

Banjos. Bacon Banjo Co. 184,580; Oct. 30.
Cornets. Lyon & Healy. 161,325; Aug. 7.
Disks for recording the human voice, Metal. Usinga Disc Corporation. 180,251; Aug. 7.
Flutes and piccolos. Wm. S. Haynes Co. 171,215; Jan. 23.
Flutes and piccolos. Wm. S. Haynes Co. 171,216; Jan. 30.
Harmonica, Mouth. American Wholesale Corporation (Baltimore Bargain House). 172,816; June 19.
Harmonicas, Mouth. M. Hohner. 171,420–1; Feb. 20.
Harmonicas, Mouth. M. Hohner. 179,794; Aug. 21.
Harmonicas, Mouth. M. Hohner. 180,180; July 24.
Harmonicas, Mouth. Matth. Hohner Akt. Ges. 138,330; June 12.
Mouthpieces of reed wind instruments. Naujoks-McLaughlin. 179,052; Sept. 4.
Music rolls for automatic pianos, Perforated. Juan Bautista Blancafort S. en C. 141,348; Apr. 3.
Music rolls, Perforated. N. Cardilli. 180,584; Aug. 21.
Music rolls, Perforated. United States Music Company. 182,118; Oct. 30.
Musical instruments. C. Bruno & Son, Inc. 177,543; June 12.
Musical instruments. Lyon & Healy. 148,605; Mar. 27.
Musical instruments. A. H. Weymann & Son, Inc. 182,490; Nov. 20.
Musical instruments and supplies. Baldur-Pianoforte-Fabrik Aktien-Gesellschaft. 164,787; Jan. 2.
Musical instruments and supplies. Elkhart Band Instrument Company. 170,972; Feb. 6.
Musical instruments and supplies for talking machines. Lyon & Healy. 167,990; Dec. 4.
Musical instruments and supplies therefor. Circle Music Publishing Company. 177,216; Aug. 21.
Musical instruments, merchandise, and goods. Lyon & Healy. 144,290; June 12.
Musical instruments, Music rolls for self-playing. Italian Book Co. 171,922; Mar. 27.
Musical instruments, parts, and strings therefor, Stringed. H. A. Weymann & Son, Inc. 177,534–5; May 15.
Musical instruments, Strings for stringed. Schmidt-Holland Inc. 161,652; June 26.
Musical instruments when not in use, Racks for supporting. Saxrac Company. 169,530; Aug. 21.
Musical instruments, Wind. Besson & Co. Ltd. 177,066; Aug. 21.
Orchestrions, pianos, organs, etc. Philipps Aktien-Gesellschaft. 135,212; May 29.
Organs, accordions, flutes, and flageolets, Mouth. M. F. Albert. 169,488; Mar. 6.
Organs and attachments for playing organs. Page Organ Co. 187,122; Dec. 11.
Organs, pianos, harps, and parts of such instruments. L. van der Heyden a Hauzeur. 147,279; Oct. 9.
Organs, pianos, harps, and parts of such instruments. Van der Heyden a Hauzeur. 182,312; Dec. 11.
Phonograph accessories. F. R. Witman. 170,964; Apr. 24.
Phonograph-needle holders for sound boxes. W. Van Sands. 178,418; Oct. 9.
Phonograph-needle holders for sound boxes. W. Van Sands. 178,482; Oct. 9.
Phonograph needles. Gold Seal Co. 171,992; Jan. 23.
Phonograph needles or styli. S. Wilensky. 174,225; Feb. 20.
Phonograph-record cabinets. National Record Exchange Company. 159,717; June 19.
Phonograph records. Italian Book Co. 171,803; July 24.
Phonograph records. Lincoln Record Corporation. 180,133; July 24.
Phonograph records. H. Moulton. 176,417; Dec. 25.
Phonograph records. W. C. Peak. 170,209; June 26.
Phonograph records. Regal Record Company. 182,485; Dec. 11.
Phonograph records. Sears, Roebuck and Company. 140,072; Apr. 24.
Phonograph repeating attachment. Gold Seal Co. 159,258; Jan. 9.
Phonograph tablets and blanks for making same, Metallic. Metal Recording Disc Company. 167,313–14; Jan. 9.
Phonographic apparatus, Device for controlling the starting and stopping of. Thomas A. Edison Incorporated. 139,518; May 15.
Phonographic note disks, note cylinders, and sound plates or records, etc. Polyphonwerke Aktiengesellschaft. 145,585; Jan. 30.
Phonographs. Abraham & Straus, Inc. 174,118; Mar. 6.
Phonographs. Abraham & Straus, Inc. 186,685; Dec. 11.
Phonographs. Bristol & Barber Co. 163,213; Nov. 13.
Phonographs. Chautauqua Phonograph Company. 165,580; Aug. 21.
Phonographs. E. L. Corle. 164,157; Aug. 21.
Phonographs. Goldenola Talking Machine Co. 174,732; May 15.
Phonographs. Lansburgh & Brother. 171,424; Jan. 23.
Phonographs. Lyradion Manufacturing Company. 177,790; June 26.
Phonographs. Plaza Music Company. 179,110; Aug. 21.
Phonographs. H. A. Robbins. 172,439; Feb. 27.
Phonographs. Stettner Phonograph Corporation. 175,035; Oct. 30.
Phonographs. Wizard Phonograph Company. 184,630; Dec. 4.
Phonographs and other talking machines, Reproducers for. Claravox Company. 172,583; Mar. 6.
Phonographs and parts thereof. O. W. Richardson & Co. 171,038; Mar. 27.
Phonographs and parts thereof. Rosen & Listengart. 179,558; July 24.
Phonographs and phonograph accessories. S. Eshborn. 173,702 June 26.
Phonographs and phonograph records. James A. Hearn & Son, Inc. 165,994; Jan. 9.
Phonographs and talking machines, Sound records for. Vulcan Record Corporation. 185,271; Nov. 6.
Phonographs and talking machines, Sound records for. Vulcan Record Corporation. 185,272; Nov. 20.
Phonographs, Electrical sound amplifiers for. Magnavox Company. 155,823; May 8.
Phonographs or talking machines and parts thereof. Lynres Company. 170,941; Jan. 23.
Phonographs, phonograph parts, and phonograph records. F. F. Nelson. 179,948; Aug. 21.
Phonographs, Sound boxes for. Sears, Roebuck and Company. 140,073; May 8.
Phonographs, Sound-record tablets and recording attachments for. H. A. Miller. 177,797; June 5.
Phonographs, talking and musical machines, phonograph needles. Polyphonwerke Aktiengesellschaft. 145,583; Apr. 24.
Phonographs, talking machines, and reproducers, horns, etc. Supplee-Biddle Hardware Company. 140,683; June 19.
Piano-player actions. King Player Action Company. 172,420; Apr. 24.
Piano plates. American Skein & Foundry Company. 186,454; Dec. 11.
Pianos. H. C. Bay Company. 173,069; Mar. 6.
Pianos. Spector & Son Piano Co. 170,602; Feb. 6.
Pianos. Story & Clark Piano Co. 179,066; Oct. 30.
Pianos and phonographs. H. Lehr. 177,494; June 5.
Pianos and phonographs. May Department Stores Company. 171,385; Feb. 20.
Pianos and phonographs. Melody Piano Co. 185,606; Nov. 20.
Pianos and piano players. Story & Clark Piano Co. 181,544; Nov. 20.
Pianos and player pianos. Steger & Sons Piano Manufacturing Company. 148,678; Jan. 2.
Pianos, Motors for player. Motor Player Corporation. 158,630; Mar. 27.
Pianos, phonographs, and records, Player. Starr Piano Company. 135,764; Aug. 7.
Pianos, player pianos, and phonographs. H. Lehr. 177,495; June 26.
Pianos, player pianos, and piano players. Baldwin Company. 180,264; Oct. 9.
Pianofortes, pianos, and phonographs. Jacob Doll & Sons. 179,138; Aug. 21.
Pianofortes, pianos, and phonographs. Frederick Piano Company. 179,594; Aug. 21.
Saxophone and clarinet reeds. G. E. Lefebvre. 176,195; May 15.
Saxophones. Saxophone Shop. 170,790; Feb. 20.
Table and phonograph, phonographs, etc., Combination library. Westphono Incorporated. 171,396; Feb. 20.
Talking and dictating machines, records for talking machines. Vox-Schallplatten-und Sprechmaschinen-Aktiengesellschaft. 160,166; Apr. 10.
Talking-machine needles. Jordan Marsh Company. 172,419; Jan. 23.
Talking-machine needles. H. J. Wenglein's Norica- & Herold-Werke Nürnberg-Schwabacher Nadelfabriken G. m. b. H. 164,621; Feb. 20.
Talking-machine-record albums. Jordan Marsh Company. 177,976; May 8.
Talking-machine records. G. H. Davis. 172,148; Jan. 23.
Talking-machine records. Federal Record Corporation. 132,140; Mar. 27.
Talking machines. Duophone Snydicate Limited. 181,015; Oct. 9.
Talking machines and parts thereof. E. A. Graham. 176,964; June 19.
Talking machines and talking-machine records. Societa Italiana di Fonotipia. 170,045; June 5.
Talking machines, phonographs, parts thereof, and supplies therefor. Vox-Schallplatten- und Sprechmaschinen-Aktiengesellschaft. 165,733; Nov. 20.
Talking machines, reproducers, records, etc. Voluma Corporation. 155,328; June 19.
Trumpets, cornets, trombones, horns, etc. H. N. White Company. 182,691; Dec. 4.

Ukulele and banjo pegs, ukulele, mandolin, banjo, and guitar tailpieces, etc. Waverly Musical Products Co. 174,601; Mar. 6.
Violins and similar musical instruments, Strings for. M. Selbach. 171,287; June 5.
Violins and similar musical instruments, Strings for. Simson & Frey, Inc. 172,561; Apr. 3.
Violins, guitars, mandolins, etc. Gustav Pirazzi & Comp. 164,825; Jan. 30.
Xylophones. J. C. Deegan, Inc. 180,529; July 24.

CLASS 37.

Albums. G. Gennert, Inc. 175,423; June 12.
Announcements. Richter Card & Paper Co. 179,224; July 3.
Apple wrappers. F. C. Strype. 176,924; May 15.
Binders and books, book bindings, envelopes, letterheads, etc., Loose-leaf. Hawkeye Bindery Company. 172,273; Feb. 13.
Binders and leaves therefor, Loose-leaf. United Autographic Register Co. 169,993; July 24.
Binders, Loose-leaf. A. B. Plushkell. 181,864; Oct. 2.
Binders, Loose-leaf. Tallman, Robbins & Company. 184,772; Nov. 20.
Blank forms. Mani-Fold Company. 168,773; Dec. 4.
Blank forms, Printed. P. L. Hawks. 171,359; Jan. 2.
Blotter pads, rocking blotters, inkwells, etc. P. L. Pease & Company. 180,941; Nov. 6.
Blotters. Standard Paper Manufacturing Co. 161,283; Apr. 3.
Book and catalogue covers and decorative effects. David J. Molloy Company. 179,378; Aug. 28.
Bookkeeping record and correspondence blank forms, Loan societies'. Hawkins Mortgage Co. 167,396; Mar. 13.
Books and binders, Renewable-leaf. G. A. Bennett. 171,892; Jan. 2.
Books and blank form cards, Pass. Wellar and Adams. 184,999; Dec. 25.
Books and filing cards for bookkeeping purposes, Receipt. W. A. Ringler. 160,434; July 10.
Books, Blank. Keystone Business Service Co. 185,082; Nov. 20.
Books, Blank-form. J. I. Cook. 176,165; June 19.
Books, Blank record. Forbes Publishing Co. 161,982; Feb. 20.
Books, Memoranda. Clipper Belt Lacer Company. 175,301; May 22.
Books of accounting and packages and pages therefor, Loose-leaf. Simplicity Sales Company. 178,068; June 19.
Books of blank forms. Brooks-Wilbor-Parsons Company. 123,328; Aug. 14.
Books, pamphlets, and papers, Binders for. Weber & McCrea. 180,996; Aug. 21.
Books, Pass. William Mann Company. 173,266; Feb. 13.
Books, Score. James W. Brine Company. 172,730; July 24.
Box board. Schmidt & Ault Paper Co. 183,505; Oct. 9.
Box board and wrapping paper. Schmidt & Ault Paper Co. 183,505; Dec. 25.
Bread wrappers. Potter-Wrightington, Inc. 160,025; Apr. 10.
Bread wrappers. Potter-Wrightington, Inc. 164,187; Apr. 10.
Card indexes, index cards, cases, cabinets, etc. Index Visible, Inc. 148,279; July 24.
Checks. E. S. Bender. 184,707; Oct. 16.
Checks, Bank. Bankers Supply Co. 179,391; June 5.
Checks, bonds, securities, and writing and printing paper. A. E. Skoog. 186,618; Dec. 25.
Covers or binders. Master Reporting Co. 141,682; Dec. 25.
Crayons. Milton Bradley Company. 186,435; Dec. 11.
Crayons. Milton Bradley Company. 186,437–8; Dec. 11.
Crayons. Milton Bradley Company. 186,439; Dec. 25.
Crayons and pencils. American Crayon Company. 177,347; May 8.
Crayons, chalks, and pencils. American Crayon Company. 171,440; Apr. 3.
Crayons, color atlas, individual color charts, color score cards, etc. Munsell Color Company. 167,683; Feb. 20.
Crayons, crayon holders, pencils, pencil holders, etc. Societe Anonyme "Crayons Conte." 182,938; Nov. 6.
Currency straps. Spurgin Manufacturing Company. 183,601–6; Sept. 11.
Currency straps. Spurgin Manufacturing Company. 183,607; Sept. 11.
Currency straps. Spurgin Manufacturing Company. 183,608; Sept. 11.
Currency straps of $500 denominations. Spurgin Manufacturing Company. 177,575; May 29.
Desk sets, pens, writing paper, etc. Gorham Manufacturing Company. 152,245; Aug. 14.
Display stands or easels. C. W. Lasher, jr. 174,251; Apr. 10.
Duplicating apparatus and accessories thereto, etc. D. Gestetner Limited. 178,175; July 10.
Duplicating rolls. Beck Duplicator Company. 177,065; Sept. 11.
Easels for supporting advertising cards, Cardboard. New Method Die & Cut-Out Co. 181,304; July 24.
Envelope-addressing stencils. G. Bonifacio. 150,505; Dec. 4.
Envelope blanks, Stationery. Workman Manufacturing Company. 171,882; Feb. 6.
Envelopes. Federal Envelope Mfg. Co. 187,412; Dec. 25.
Envelopes. Kovacs and Meszaros. 162,179; May 1.
Envelopes. J. W. Lindau, jr. 169,979; Feb. 20.
Envelopes. Royal Card & Paper Company. 184,564; Nov. 20.
Envelopes. Sewell-Clapp-Envelopes. 171,288; Jan. 16.
Envelopes. United States Envelope Company. 178,581; May 22.
Envelopes and letterheads. J. R. Connor. 175,419; Apr. 10.
Envelopes and manuscript covers, Filing. W. S. Tuttle. 183,324; Dec. 25.
Envelopes and paper. Edgar C. Ruwe Company. 154,889; June 5.
Envelopes and paper for making same. J. W. Butler Paper Co. 182,128; Oct. 16.
Envelopes, Window. Wolf Brothers. 178,942; June 5.
Erasers, lead pencils, rubber bands, etc. American Lead Pencil Company. 164,425; Mar. 13.
Fiber board. Stevens Paper Mills, Inc. 182,891; Oct. 16.
Fiber board and automobile panel material. G. E. Gagnier. 183,107–8; Oct. 2.
Files. W. E. Thayer Company. 157,781; Aug. 14.
Filing folders and guides, Vertical. Wabash Cabinet Co. 186,970; Dec. 11.
Folders, cards, guides, stationery, etc. United Business Equipment Co. 180,910; Aug. 21.
Inkwell bases, sponge cups, desk pads, etc. L. D. Schroy Company. 180,725; Aug. 14.
Labeling clips for use with loose-leaf binders. Benj. D. Benson & Sons, Inc. 152,536; June 19.
Leads and lead containers. Wahl Company. 145,483; Oct. 9.
Ledgers Loose-leaf. National Blank Book Co. 172,548; Feb. 27.
Letter sheet and advertising folders, Combined. Dual-Use Company. 182,503; Oct. 16.
Letter sheets and mailing or correspondence envelopes, etc. C. L. Benedict. 151,935; Feb. 13 .
Letterheads, envelopes, report blanks, etc. Supreme Orient O. O. H. & P. 145,597; Apr. 3.
Moisteners. A. J. Buren. 156,048; May 29.
Napkins, Embossed. Tissue Company. 183,808; Oct. 30.
Office supplies. Aktiebolaget Galco. 147,149; Feb. 6
Paper. Bennington Wax Paper Company. 179,453; Oct. 30.
Paper. J. W. Butler Paper Company. 177,213; June 5.
Paper. Chicago Paper Company. 171,726; Sept. 11.
Paper. Chicago Paper Company. 171,728; Sept. 11.
Paper. Coy, Hunt and Company. 168,921; Jan. 2.
Paper. Coy, Hunt and Company. 179,399; June 12.
Paper. Gilbert Paper Co. 182,410; Sept. 11.
Paper. L. Hyman & Sons. 167,127; Feb. 13.
Paper. F. C. Strype. 168,385–6; Jan. 16.
Paper. W. M. Temple. 171,392; Nov. 20.
Paper and cardboard, Writing. Harlem Card & Paper Company. 173,566; Apr. 3.
Paper and cloth, Gummed. Ideal Coated Paper Company. 149,704; Mar. 6.
Paper and envelopes. Berlin & Jones Company. 176,783; May 8.
Paper and envelopes. Strathmore Paper Company. 168,178; Jan. 2.
Paper and envelopes and crape paper, Letter. Julius Baumgarten & Söhne Vereinigte Papierwarenfabriken Kommanditgesellschaft. 178,158; Oct. 16.
Paper and envelopes, Writing. Rose Company. 183,232; Sept. 11.
Paper and envelopes, Writing. The Fair. 182,793; Oct. 16.
Paper and mailing envelopes, Writing. Whiting Paper Company. 178,888; May 22.
Paper and mailing envelopes, Writing and printing. American Writing Paper Company. 175,540; May 15.
Paper and mailing envelopes, Writing and printing. American Writing Paper Company. 179,701; June 19.
Paper and mailing envelopes, Writing and printing. Chapin & Gould Paper Company. 176,114; Apr. 10.
Paper and packages, Sheets of waxed. Shelby Wax Paper Company. 171,286; May 22.
Paper and paper towels, Toilet. Albany Perforated Wrapping Paper Co. 176,437; Apr. 10.
Paper and paper towels, Toilet. Albany Perforated Wrapping Paper Co. 182,529; Aug. 21.
Paper and paper towels, Toilet. Albany Perforated Wrapping Paper Co. 184,889; Oct. 23.
Paper and paper towels, Toilet. Rushmore Paper Mills, Inc. 175,272; Mar. 27.
Paper and paper towels, Toilet. Sauquoit Toilet Paper Co. 176,048; June 26.
Paper and paper towels, Toilet. Wortendyke Manufacturing Co. 166,864; June 19.
Paper and paper towels, Toilet. Wortendyke Manufacturing Co. 171,192; Apr. 3.
Paper and stationery. W. A. Welsh. 166,488; Nov. 6.
Paper and wrapping paper, Book. West Virginia Pulp & Paper Company. 177,256; May 29.
Paper, bank-note wrappers, blank books. Levey Printing Company. 173,505; Sept. 18.

Classified list of trade-mark titles—Continued.

Paper, blank books, etc. Levey Printing Company. 173,508; Sept. 11.
Paper, Blasting. Diem & Wing Paper Co. 186,878–9; Dec. 4.
Paper, Blasting. Diem & Wing Paper Co. 186,880; Dec. 25.
Paper, Blotting. H. W. Ellerson. 185,820; Dec. 11.
Paper, Blotting. Standard Paper Manufacturing Co. 174,703–4; Apr. 17.
Paper board. Philadelphia Paper Manufacturing Company. 174,855; June 19.
Paper, Bond. H. P. Andrews Paper Company. 167,754; Aug. 21.
Paper, Bond. Diem & Wing Paper Co. 186,874; Dec. 25.
Paper, Bond. Diem & Wing Paper Co. 186,876; Dec. 25.
Paper, Bond. Diem & Wing Paper Co. 186,885; Dec. 4.
Paper, Bond. Franc-Graham Paper Co. 184,787; Nov. 13.
Paper, Bond. Louisville Paper Co. 181,901–2; Sept. 11.
Paper, Bond. Peerless Paper Company. 171,653; May 8.
Paper, Bond. Weber Lithographing Co. 172,922; Feb. 6.
Paper, Bond and correspondence. H. Reeve Angel & Co. 178,020; June 5.
Paper, Bond, ledger, and writing. Gilbert Paper Co. 182,411; Aug. 21.
Paper, Bond, ledger, and writing. Poland Paper Company. 172,489; Feb. 6.
Paper, Bond, ledger, and writing. Poland Paper Company. 172,651; Feb. 6.
Paper, Bond writing and printing. Collins Mfg. Co. 168,836; May 15.
Paper, Book. Peninsular Paper Company. 172,555; Apr. 10.
Paper, Book. West Virginia Pulp & Paper Co. 169,570; Jan. 30.
Paper, Book, bond, and writing. Chillicothe Paper Company. 174,610; Apr. 24.
Paper bread wrappers. Package Paper & Supply Corporation. 177,923; May 8.
Paper, Bristol. American Writing Paper Company. 182,037; Sept. 11.
Paper, Bristol-board. Seaman Paper Company. 182,864; Oct. 30.
Paper, bristol board, and cardboard. J. W. Butler Paper Co. 180,838; July 10.
Paper, cards, envelopes, etc., Correspondence. M. T. Bird. 179,846; June 19.
Paper, Chocolate-dipping. McLaurin-Jones Co. 183,715; Oct. 9.
Paper clips. Noesting Pin Ticket Company. 180,805; July 10.
Paper, Coated book. McLaurin-Jones Co. 176,844; Oct. 2.
Paper, Coated cardboard. Seaman Paper Company. 182,865; Oct. 30.
Paper, correspondence envelopes, etc., Writing. Mid West Paper & Envelope Co. 168,118; Aug. 28.
Paper, correspondence envelopes, writing tablets, and papeteries, Writing. Mid West Paper & Envelope Co. 168,326; Mar. 6.
Paper, Cover. Chemical Paper Manufacturing Co. 142,385; Jan. 16.
Paper, Cover. Marvellum Company. 178,856–7; May 22.
Paper, Cover. Peninsular Paper Company. 172,345–7; Jan. 16.
Paper, Cover. Peninsular Paper Company. 172,554; Mar. 20.
Paper, Cover. Peninsular Paper Company. 178,279; Aug. 21.
Paper, Cover. Peninsular Paper Company. 183,939; Oct. 16.
Paper covers. Chas. Green Company. 186,472; Dec. 4.
Paper, Craft. Aktiebolaget Mölnbacka-Trysil. 175,178; Mar. 27.
Paper, Crêpe. Dennison Manufacturing Co. 178,093; June 19.
Paper, Crêpe. Papyrus Company. 182,221; Sept. 18.
Paper, Crepe. Tissue Co. 172,066; Jan. 16.
Paper, Crêpe. Tissue Company. 177,150; May 15.
Paper, Enamel book. Seaman Paper Company. 182,860–1; Oct. 30.
Paper, Enameled book. Martin Cantine Co. 182,980–1; Sept. 11.
Paper, Enameled book. Seaman Paper Company. 182,868; Oct. 30.
Paper, Enameled book. Seaman Paper Company. 182,876; Oct. 30.
Paper, envelopes, and lead pencils. Tennessee Paper & Bag Co. 172,809; Mar. 13.
Paper, envelopes, and lead pencils, Printing, wrapping, writing, etc. Tennessee Paper Bag Co. 173,108–9; Mar. 13.
Paper, envelopes, and papeteries. Birnie Paper Company. 176,876–7; Apr. 10.
Paper, envelopes, and wrapping paper, Cover and writing. J. Hooz. 179,868; June 19.
Paper, envelopes, bristol or card board, Writing. V. Vivaudou, Inc. 161,660; Mar. 13.
Paper, envelopes, etc. J. C. Blair Company. 175,706; Apr. 3.
Paper, envelopes, pens, pencils, etc., Writing. Calhoun, Robbins & Co. 172,206; Mar. 6.
Paper, envelopes, print book cover, etc., Wrapping and manila. J. W. Butler Paper Co. 180,839; Aug. 28.
Paper, envelopes, Printing and writing. Johnson-Breyding-Johnson. 177,302; May 8.
Paper, etc. Chicago Paper Company. 171,725; Aug. 28.
Paper, etc., Wrapping, manila, document, print, and other. Central Michigan Paper Company. 181,245; Aug. 28.
Paper, Filter. Central Scientific Company. 185,446; Oct. 30.
Paper for mechanical drawings. Stevens Paper Mills, Inc. 182,893; Oct. 16.
Paper for printing bonds, checks, etc. J. C. Hall Company. 174,616; May 29.
Paper for printing purposes, Bond. Calvert Lithographing Co. 186,102; Nov. 13.
Paper for trading stamps, coupons, etc. Eureka Specialty Printing Company. 178,240; May 29.
Paper for wrapping purposes, Kraft. Dudley Paper Co. 173,594; Mar. 6.
Paper, Glassine, greaseproof, imitation-parchment, writing, wrapping, etc. C. McDowell. 179,619; June 12.
Paper, Greaseproof. Blake, Moffitt & Towne. 187,292; Dec. 11.
Paper, Gummed. Ideal Coated Paper Company. 130,477; June 19.
Paper, Handmade. C. H. Boulin. 173,276; Feb. 13.
Paper, Handmade. C. H. Boulin. 173,348; Feb. 13.
Paper holder, Memorandum-. Bliss Company. 176,321; May 1.
Paper in sheets and rolls, Book. New York & Pennsylvania Company. 167,922; June 12.
Paper, Index bristol. H. P. Andrews Paper Company. 167,753; Aug. 21.
Paper, Index bristol. H. P. Andrews Paper Company. 171,405; Aug. 21.
Paper, Ledger. H. P. Andrews Paper Company. 167,757; Aug. 21.
Paper, Ledger. H. P. Andrews Paper Company. 167,760; Aug. 28.
Paper, Ledger. Chemical Paper Manufacturing Company. 187,712; Dec. 18.
Paper, Ledger. Seaman Paper Company. 182,862; Oct. 30.
Paper, mailing envelopes, tablets, etc., Writing. Smith Tablet Company. 175,219; Mar. 27.
Paper, Manifold. Esleeck Manufacturing Co. 185,332; Oct. 30.
Paper, Manila tag. Seaman Paper Company. 182,872; Oct. 30.
Paper napkins. Tissue Company. 183,896; Oct. 16.
Paper napkins, Package of. Paper Novelty Company. 183,717; Oct. 2.
Paper, paper napkins, towels, and tablecloths, Toilet. Fort Howard Paper Company. 171,353; Jan. 16.
Paper, paper napkins, towels, and table cloths, Toilet. Fort Howard Paper Company. 176,674; Apr. 10.
Paper, paper napkins, towels, and tablecloths, Toilet. Fort Howard Paper Company. 180,757–8; Aug. 14.
Paper, paper napkins, towels, and tablecloths, Toilet. Fort Howard Paper Company. 180,970; Aug. 7.
Paper, paper napkins, towels, and tablecloths, Toilet. Fort Howard Paper Company. 180,971–2; July 17.
Paper, paper napkins, towels, and tablecloths, Toilet. Fort Howard Paper Company. 181,442; Aug. 7.
Paper, paper napkins, towels, and tablecloths, Toilet. Fort Howard Paper Company. 186,745; Dec. 25.
Paper, paper napkins, towels, and tablecloths, Toilet. Fort Howard Paper Company. 186,953; Dec. 25.
Paper, paper towels, pencils, etc., Toilet. Fisher Bros. Paper Co. 181,742; Sept. 11.
Paper, pencils, pens, etc. W. H. Johnson. 163,987; July 24.
Paper, Prepared tracing. Special Paper Mfg. Co. 186,029; Dec. 25.
Paper, Prepared tracing. Special Paper Mfg. Co. 186,030–1; Nov. 13.
Paper, Printing and writing. Chicago Paper Company. 171,786; Aug. 21.
Paper, Printing and writing. Cincinnati Cordage & Paper Co. 173,404; May 29.
Paper, Printing and writing. Hampshire Paper Company. 168,305; May 8.
Paper, Printing and writing. Hampshire Paper Company. 168,306; Jan. 2.
Paper products. Brown Company. 129,373; Mar. 6.
Paper, Proofing. McLaurin-Jones Co. 183,716; Oct. 9.
Paper, Specially duplex coated. Seaman Paper Company. 182,875; Oct. 30.
Paper, stationery, etc. Buffalo Office and Law Supply Co. 167,346; Jan 2.
Paper suitable for making copies from stencil impressions. H. P. Andrews Paper Company. 171,402; Oct. 9.
Paper suitable for making copies from stencil impressions. H. P. Andrews Paper Company. 171,406; Oct. 9.
Paper, tablets, and envelopes, Writing. Zellerbach Paper Co. 178,587; June 5.
Paper tablets, composition and blank books, pads, papeteries, etc. Aller Brothers. 175,539; Apr. 17.
Paper, tablets, papeteries, etc., Writing. Central Ohio Paper Company. 179,458; Sept. 11.
Paper, Thin soft. H. P. Andrews Paper Company. 171,407; Aug. 21.
Paper to be printed or lithographed, Coated. McLaurin-Jones Co. 178,761; May 22.

Classified list of trade-mark titles—Continued.

Paper, Toilet. Albany Perforated Wrapping Paper Company. 184,576; Nov. 13.
Paper, Toilet. Diamond Mills Paper Company. 181,387; July 24.
Paper, Toilet. Fort Howard Paper Company. 182,049; Aug. 21.
Paper, Toilet. Interlake Tissue Mills Co. 178,043; Aug. 14.
Paper, Toilet. Northern Paper Mills. 169,074; Mar. 20.
Paper, Toilet. Northern Paper Mills. 180,717; July 24.
Paper, Toilet. Northern Paper Mills. 184,350; Oct. 16.
Paper, Toilet. Northern Paper Mills. 184,352; Oct. 16.
Paper, Toilet. Northern Paper Mills. 184,354–5; Oct. 16.
Paper, Toilet. Northern Paper Mills. 184,356; Nov. 20.
Paper, Toilet. Northern Paper Mills. 184,357; Dec. 25.
Paper, Toilet. Northern Paper Mills. 184,358; Oct. 16.
Paper, Toilet. Northern Paper Mills. 184,359; Nov. 13.
Paper, Toilet. Northern Paper Mills. 184,360; Oct. 16.
Paper, Toilet. Peerless Mfg. Co. 179,678; July 10.
Paper, Toilet. Peerless Mfg. Company. 179,679; July 10.
Paper, Toilet. Perkins & Butler, Inc. 177,990; May 29.
Paper, Toilet. Peterson Paper Company. 176,501; May 22.
Paper, Toilet. Scott Paper Company. 185,623; Oct. 23.
Paper, Toilet. Wortendyke Manufacturing Co. 179,911; June 19.
Paper toilet-seat covers. J. L. Schaefer. 179,683; June 19.
Paper, Toilet, wrapping, book, and printing. Messinger Paper Company. 172,998–173,000; Feb. 6.
Paper towels and napkins. Independent Paper Mills, Inc. 174,141; Apr. 3.
Paper towels, napkins, and wrappers for delicatessen lunches. H. N. Goldsmith. 182,750; Sept. 11.
Paper, Tracing. J. D. Cardinell. 179,712–3; June 19.
Paper, Tracing. New York Blue Print Paper Co. 181,906; Aug. 21.
Paper, Tympan. Plant, Theis & Gould Paper Company. 181,146; Aug. 21.
Paper, Uncoated book. Seaman Paper Company. 182,863; Oct. 30.
Paper, Uncoated book. Seaman Paper Company. 182,866–7; Oct. 30.
Paper, Uncoated book. Seaman Paper Company. 182,871; Oct. 30.
Paper, Uncoated book. Seaman Paper Company. 182,877–80; Oct. 30.
Paper, Uncut cigarette. Robert Fletcher & Son, Limited. 179,999; Oct. 2.
Paper, Uncut cigarette. Robert Fletcher & Son Limited. 180,000–1; July 24.
Paper, Uncut cigarette. Robert Fletcher & Son Limited. 180,002; Aug. 14.
Paper, Unwatermarked sulphite bond. Seaman Paper Company. 182,873; Oct. 30.
Paper used for printing or lithographing bank checks, etc. D. D. Madden & Co. 182,713; Oct. 2.
Paper, used for printing, writing, etc., and typewriting and mailing envelopes. Poland Paper Company. 174,099; Mar. 6.
Paper wadding. American Lace Paper Company. 182,784; Sept. 11.
Paper, Wall. Arrow Paint & Wall Paper Company. 182,643; Sept. 11.
Paper, Wall. Becker, Smith & Page, Inc. 173,619; Mar. 27.
Paper, Wall. Robert Griffin Company. 161,250; May 1.
Paper, Watermarked sulphite bond. Seaman Paper Company. 182,874; Oct. 30.
Paper, Wax. Hamersley Manufacturing Company. 181,445; Dec. 4.
Paper, Waxed. Hamersley Manufacturing Company. 178,920; May 29.
Paper, Waxed. Himmer Brothers Co. 175,394; Apr. 10.
Paper weights and desk ornaments. A. Vos. 177,530; July 24.
Paper weights, inkwells, etc. Pup Toys Company. 175,157; Mar. 27.
Paper wrappers. American Bread Wrapper Company. 173,160; Feb. 13.
Paper, Wrapping. Alling & Cory Co. 177,158; Apr. 24.
Paper, Wrapping. Blake, Moffitt & Towne. 187,286; Dec. 11.
Paper, Wrapping. Brow Company. 168,021–2; Jan. 16.
Paper, Wrapping. Diem & Wing Paper Co. 183,056. Oct. 2.
Paper, Wrapping. Diem & Wing Paper Co. 184,654; Oct. 16.
Paper, Wrapping. Diem & Wing Paper Co. 184,658; Oct. 16.
Paper, Wrapping. Diem & Wing Paper Co. 186,875; Dec. 4.
Paper, Wrapping. Diem & Wing Paper Co. 186,877; Dec. 4.
Paper, Wrapping. Diem & Wing Paper Co. 186,883; Dec. 4.
Paper, Wrapping. Diem & Wing Paper Co. 187,565; Dec. 18.
Paper, Wrapping. Great Notch Paper Company. 178,502; June 5.
Paper, Wrapping. Huff, Barnes & Opie, Inc. 174,520; June 5.
Paper, Wrapping. Joseph Weil & Sons. 185,066; Nov. 20.
Paper, Wrapping. McLaurin-Jones Co. 174,147; Apr. 10.
Paper, Wrapping. Geo. W. Millar & Co. Inc. 174,319; Mar. 27.
Paper, Wrapping. Nekoosa-Edwards Paper Company. 184,746; Oct. 16.
Paper, Wrapping. Orono Pulp & Paper Comany. 179,549; June 5.
Paper, Wrapping. H. L. Tetamore. 182,941; Oct. 2.
Paper, Wrapping. Union Paper & Twine Co. 180,567; Aug. 7.
Paper, Wrapping. Whitaker Paper Company. 170,737; Sept. 11.
Paper, Wrapping, toilet, and wax. Taverner & Fricke. 185,163; Oct. 16.
Paper, Writing. Cincinnati Cordage & Paper Company. 174,554; July 10.
Paper, Writing. Cincinnati Cordage & Paper Co. 174,555; Mar. 27.
Paper, Writing. Cincinnati Cordage & Paper Co. 174,556; June 26.
Paper, Writing. Derryvale Linen Co. 171,265; Mar. 6.
Paper, Writing. Diem & Wing Paper Co. 184,655; Oct. 16.
Paper, Writing. Fox River Paper Company. 171,990; Feb. 13.
Paper, Writing. Fox River Paper Company. 172,328; Jan. 16.
Paper, Writing. Fox River Paper Company. 172,418; Feb. 6.
Paper, Writing. Fox River Paper Company. 180,533; July 10.
Paper, Writing. Fox River Paper Company. 180,975; July 17.
Paper, Writing. Fox River Paper Company. 181,688; Aug. 14.
Paper, Writing. Fox River Paper Company. 187,617; Dec. 18.
Paper, Writing. Hawthorne Paper Company. 156,447; Apr. 17.
Paper, Writing. E. E. Lloyd Paper Company. 176,028; Apr. 3.
Paper, Writing. E. E. Lloyd Paper Company. 188,125; Dec. 25.
Paper, Writing. Marshall Field & Company. 146,536; Oct. 23.
Paper, Writing. H. G. Pohlmann. 148,851; May 29.
Paper, Writing. Seaman Paper Company. 182,869; Oct. 30.
Paper, Writing. Byron Weston Company. 172,142; Mar. 27.
Paper, Writing, printing, etc. Chicago Paper Company. 171,727; Oct. 2.
Paper, Writing and bond. Becker Paper Corporation. 178,208; July 17.
Paper, Writing and bond. Becker Paper Corporation. 178,209; May 15.
Paper, Writing and mimeographing. Seaman Paper Company. 182,870; Oct. 30.
Paper, Writing and printing. J. W. Butler Paper Company. 172,972; Mar. 6.
Paper, Writing and printing. Chemical Paper Manufacturing Company. 187,713; Dec. 18.
Paper, Writing, bond, and ledger. Plant, Theis & Gould Paper Company. 181,147; Aug. 21.
Papers and mailing envelopes, Writing and printing. Whiting Paper Company. 180,161; July 3.
Paperboard. Federal Paper Board Company. 184,443; Oct. 16.
Papers, Bond. Exline & Exline Co. 173,411; Apr. 24.
Papers, Book. Kimberly-Clark Company. 175,662–4; Apr. 3.
Papers, bristol board, cardboard. J. W. Butler Paper Co. 179,926; July 17.
Papers, Coated book. McLaurin-Jones Co. 166,894; Mar. 6.
Papers, lining paper, and fly sheets, Blank. Levey Printing Company. 173,504; May 29.
Papers, Printing and writing. Dill & Collins Co. 187,608; Dec. 18.
Papers, tablets, etc., Writing, typewriting, and printing. Highland Manufacturing Company. 125,503; May 29.
Papers, tablets, notebooks, Crape, etc. Duluth Paper and Stationery Co. 181,437; Oct. 16.
Papeteries, writing and typewriting tablets, etc. White & Wyckoff Manufacturing Company. 173,114; Apr. 17.
Papeteries, writing and typewriting tablets, etc. White & Wyckoff Mfg. Company. 173,116; Apr. 17.
Papeteries, writing and typewriting tablets, etc. White & Wyckoff Manufacturing Company. 173,120–2; Apr. 17.
Papeteries, writing and typewriting tablets, etc. White & Wyckoff Manufacturing Company. 175,827; Apr. 17.
Papeteries, writing and typewriting tablets, writing paper, and envelopes. White & Wyckoff Manufacturing Company. 173,115; Feb. 6.
Papeteries, writing and typewriting tablets, writing paper, and mailing envelopes. White & Wyckoff Manufacturing Company. 173,117; Feb. 6.
Papeteries, writing and typewriting tablets, writing paper, and mailing envelopes. White & Wyckoff Manufacturing Company. 173,119; Feb. 6.

Papeteries, writing and typewriting tablets, writing paper, and mailing envelopes. White & Wyckoff Manufacturing Company. 175,750; May 1.
Papeteries, writing and typewriting tablets, writing paper, etc. White & Wyckoff Manufacturing Company. 175,749; Apr. 3.
Pen, Fountain. Druggists' Supply Corporation. 186,272; Nov. 20.
Pencil clips. American Lead Pencil Company. 182,462; Oct. 2.
Pencils. A/S Blyantfabrikken Viking. 183,131; Oct. 9.
Pencils. Joseph Dixon Crucible Company. 123,798; Sept. 11.
Pencils. Joseph Dixon Crucible Company. 123,798; Oct. 9.
Pencils. Joseph Dixon Crucible Company. 171,986. May 1.
Pencils. Druggists' Supply Corporation. 184,070; Oct. 16.
Pencils. Eberhard Faber Pencil Company. 173,760; Mar. 6.
Pencils. H. C. Hobbs. 173,132; Mar. 13.
Pencils. Nardi Magazine Pencil Co. 172,428; Dec. 11.
Pencils, Carpenters'. Townley Metal and Hardware Company. 185,633; Oct. 23.
Pencils, Lead. American Lead Pencil Company. 174,683; May 22.
Pencils, Lead. Blaisdell Pencil Company. 176,943; Apr. 24.
Pencils, Lead. Blaisdell Pencil Company. 178,212; May 29.
Pencils, Lead. Blaisdell Pencil Company. 188,178; Dec. 18.
Pencils, Lead. Eberhard Faber Pencil Company. 177,835; June 19.
Pencils, Lead. Edison Pen Company Incorporated. 163,385; Feb. 13.
Pencils, Lead and carpenters'. Baker, Hamilton and Pacific Company. 170,349; Aug. 28.
Pencils, Lead and paper crayon. United States Pencil Co. 166,334; Apr. 10.
Pencils, Lead for. Nitro Pencil Company. 172,897; Feb. 6.
Pencils, Magazine. R. & G. Co. 155,830; Feb. 6.
Pencils, Mechanical. W. H. Blake. 181,585; Aug. 7.
Pencils, pencil holders, etc., Lead. A. W. Faber. 168,961; Oct. 16.
Pencils, pencil-point protectors, and penholders, Lead. Blaisdell Pencil Company. 175,914; Apr. 17.
Pencils, pens, leads, and erasers. Ingersoll Redipoint Company. 174,451; June 26.
Pencils, pens, leads, and erasers. Ingersoll Redipoint Company. 174,452; May 22.
Penholders and black and colored pencils. H. Dunwoody. 150,154; Mar. 20.
Penholders and fountain pens. Heidelberger Federhalter-Fabrik Koch, Weber & Co. A.-G. 178,339; Aug. 21.
Pens. C. Howard Hunt Pen Company. 176,128; May 1.
Pens and mechanical pencils, Fountain. Parker Pen Co. 164,827; Jan. 2.
Pens and pencils, Fountain. M. & H. Silver, Incorporated. 174,928; May 15.
Pens, Fountain. J. Harris & Company. 187,864; Dec. 25.
Pens, Fountain. J. J. Heller. 159,027; Jan. 23.
Pens, Fountain. Le Bouef Fountain Pen Company. 184,672; Oct. 16.
Pens, Fountain. Le Boeuf Fountain Pen Company. 184,672; Nov. 13.
Pens, Fountain. Miller's Book Store, Inc. 179,377; July 3.
Pens, Fountain. Salz Brothers Inc. 162,073; July 17.
Pens, Fountain. Salz Bros. Inc. 173,249; Mar. 6.
Pens, Fountain. Salz Bros. Inc. 173,611; Mar. 27.
Pens, Fountain. Sears, Roebuck and Co. 187,136; Dec. 11.
Pens, Fountain. W. A. Sheaffer Pen Company. 157,185; June 26.
Pens, penholders, fountain pens. Kabushiki-Kaisha Namiki Seisakujo. 171,368; Mar. 13.
Pens, penholders, lead pencils, etc., Fountain. MacLean Drug Company. 178,758; Nov. 13.
Pens, penholders, pencils, etc., Fountain. Heidelberger Federhalter-Fabrik Koch, Weber & Co., A.-G. 178,340; Aug. 21.
Pens, Stylographic. J. D. Snow. 168,005; Feb. 20.
Photograph cards and other loose leaves, Binders for. Fales Folio Company. 168,211; Mar. 13.
Photographic mountings. California Card Manufacturing Co. 175,340; Apr. 17.
Photographic negatives. Mounts for. I. Kulik. 170,143; Jan. 16.
Printing, stamping, etc., work in connection with stationery. J. E. Wolf. 144,209; Oct. 16.
Radio record books. E. Fleming & Co. 177,552; May 22.
Registers and parts thereof, Autographic. Autographic Register Company. 186,266; Dec. 11.
Seat covers, Toilet-closet-. Sanitary Toilet Company. 171,594; Jan. 2.
Shipping tags. Haywood Publishing Company. 184,448; Oct. 16.
Stamps and coupons, booklets, etc., Trading. Bankee Corporation of America. 175,421; May 15.
Statements, checks, billheads, purchase orders, etc. Fort Dearborn Engraving Co. 166,943; Mar. 6.
Stationery. Berlin & Jones Company. 176,782; Dec. 11.
Stationery. New England Stationery Company. 178,454; May 8.
Stationery. Fred A. Wish, Incorporated. 180,641; July 10.
Stereotyping and copying tissue. R. W. Brooks. 176,534; June 5.
Tablets and book covers. Smith Tablet Company. 175,220; Mar. 27.
Tablets and school pads. Jackson Paper Co. 182,816; Sept. 11.
Tablets, composition books, etc., Writing and school. Osborne Paper Company. 187,764; Dec. 18.
Tablets, etc., Writing. Osborn Paper Company. 173,295; Aug. 28.
Tablets, Writing. Bedsole-Colvin Drug Co. 181,510; Aug. 14.
Tablets, Writing. Reynolds & Reynolds Co. 173,855; Mar. 6.
Tags. Dennison Manufacturing Co. 176,330; May 1.
Ticket bristol. J. P. Lewis Company. 168,474; Dec. 11.
Tickets, paper clips, tags, and thumb tacks, Pin. Noesting Pin Ticket Company. 166,199; Dec. 4.
Towels, Folded. Northern Paper Mills. 184,351; Nov. 20.
Wedges. E. E. Dornaus. 178,235; Dec. 18.
Writing and drawing surfaces. Stewart Corporation. 178,879; May 29.
Writing and drawing surfaces. Stewart Corporation. 178,880; June 12.
Writing pads. R. Rothschild. 180,812; Aug. 14.
Writing pads, game score cards, tabulating and computing pads, etc. R. J. Turner. 179,895; Aug. 28.

CLASS 38.

Advertising forms and instruction sheets, Completely-printed classified. Basil L. Smith System, Inc. 169,228; Mar. 13.
Advertising literature. D. Relenyalen. 156,860; June 12.
Advertising pamphlets, circulars, bulletins, and supplements. H. Pauli. 170,078; Jan. 30.
Almanac and yearbook. C. A. Mann. 176,269; Oct. 16.
Almanac, Yearly. Davis-Smith Company. 172,640; June 5.
Almanacs, Yearly. Karlson, Gordonville & Johnson, Incorporated. 169,762; Mar. 20.
Bonds. Metzler & Company. 180,338; Oct. 2.
Bonds, certificates, booklets, stories. G. L. Miller & Company. 175,367; July 31.
Bonds, coupons, certificate of stocks, etc., Vendible coupon. Prudence-Bonds Corporation. 177,924; Nov. 27.
Bonds, coupons, certificate of stocks, etc., Vendible coupon. Prudence-Bonds Corporation. 185,987–9; Nov. 27.
Bonds, Long-term and installment. Jonathan H. Winters Company. 180,314; Sept. 11.
Book, Cook. Saalfield Publishing Company. 162,858; Jan. 30.
Book, Hand and manual. C. A. Mann. 183,339; Dec. 18.
Booklets and bonds. Caldwell & Company. 173,562; July 3.
Booklets or pamphlets. American Radio Relay League, Inc. 177,159; Aug. 21.
Books and comic section in daily newspapers. Universal Feature and Specialty Company. 150,833; May 1.
Books and pamphlets. Life Planning Institute. 157,069; Aug. 21.
Books and their component parts, Printed. Joseph Richards Company. 175,407; June 26.
Books, Completely-printed. M. J. Hoenig. 168,470; Mar. 27.
Books, Completely-printed. Alfred A. Knapf, Inc. 170,653; Sept. 25.
Books, etc., relating to art needlework, Instruction. Bernhard Ulmann Co. 184,697; Nov. 6.
Books in a course of dancing instructions, Series of. W. C. Peak. 170,210; Nov. 13.
Books, Informational picture. C. F. Talman. 177,055; June 19.
Books, Instruction. C. P. Boals. 183,793; Nov. 20.
Books issued in continuing series, Printed. John C. Winston Co. 136,863; Jan. 2.
Books, pamphlets or folders, Instruction. Northern Institute Co. 180,488; Oct. 16.
Books, Printed. Hillbern Thrift Corporation. 176,626; July 31.
Books, Series of. Little, Brown & Company. 173,516; May 8.
Building plans and designs. R. J. Hughes. 181,992; Oct. 2.
Bulletin, Church. Church Bulletin, Inc. 158,178; June 19.
Bulletin, Daily market. P. S. Warden. 170,104; Jan. 2.
Calendars. Community Publicity Service. 181,675; Nov. 13.
Calendars. F. L. Serage. 176,285; May 22.
Calendars, almanacs, printed books, etc., Wall. Levey Printing Company. 173,506; Sept. 25.
Calendars, almanacs, printed books, etc., Wall. Levey Printing Company. 173,509; Sept. 25.

Classified list of trade-mark titles—Continued.

Calendars, mailing cards, cut-out novelties. I. K. Ungar. 164,206; Oct. 16.
Cards and educational posters, Advertising. American Banking Machine Corporation. 173,948; Apr. 24.
Cards and placards, Advertising. Merchants Publishing Company. 167,529; June 26.
Cards, Collection of motto. H. E. Hughes. 177,127; June 12.
Cards, Greeting. Dupuis-Rickman Engraving & Embossing Co. 157,560; June 12.
Cards, Prayer and motto. W. G. Bate. 178,544; Aug. 21.
Cards, sheets, and folders, Greeting. O. W. Goodbar. 166,595; Sept. 25.
Cartoon section, Newspaper. J. A. Cunningham. 178,959; June 26.
Cartoon serials. Sun-Herald Corporation. 176,370; May 22.
Cartoon title. Public Ledger Company. 172,900; Apr. 24.
Cartoon title. Public Ledger Company. 184,870–1; Nov. 6.
Cartoons. R. W. Hertz. 174,900; Oct. 2.
Cartoons. King Features Syndicate, Inc. 185,468; Nov. 20.
Cartoons. R. H. Mansfield. 161,746; Feb. 20.
Cartoons, advertising cartoons, and illustrations. International Association of Machinists. 158,121; Apr. 24.
Cartoons and illustrations used for advertising purposes. B. Reese. 173,209; Apr. 24.
Cartoons, Series of. Bell Syndicate, Inc. 172,577; Feb. 27.
Cartoons, Series of. Bell Syndicate, Inc. 178,086; May 22.
Cartoons, Series of. Bell Syndicate, Inc. 181,166; Sept. 25.
Cartoons, Series of. F. J. Gaudé. 181,069; Oct. 2.
Cartoons, Series of. I. M. Johnson. 170,295; Jan. 2.
Cartoons, Title for. Associated Editors. 177,119; June 12.
Cartoons, Title for. World Color Printing Company. 182,390–1; Oct. 16.
Catalogue section. T. W. Wood & Sons. 174,682; Apr. 24.
Catalogues. Ross & Company. 169,327; Oct. 2.
Catalogues. Sears, Roebuck and Co. 169,424; Jan. 30.
Catalogues and price lists. Funsten Brothers & Company. 187,306; Dec. 11.
Catalogues issued monthly. American Wholesale Corporation (Baltimore Bargain House). 179,256; Aug. 7.
Circulars, bulletins, etc., Printed. International Bank. 182,310; Sept. 11.
Comic page, Colored. Press Publishing Company. 170,896; Feb. 27.
Correspondence courses in applied arts, etc. H. W. Lamb. 174,742; Aug. 28.
Coupons for the purchase of merchandise. E. B. McCann. 173,776; July 31.
Designs, Novelty. C. H. Baum. 183,728; Dec. 18.
Dictionaries. G. & C. Merriam Company. 174,584; May 22.
Directories, Combined catalogues, etc. Keystone Consolidated Publishing Company. 173,288; Feb. 27.
Directories published semiannually. Tell-U-Where Co. of America. 178,693; Aug. 28.
Folders, circulers, etc. advertisements, and like advertising matter. Art-Ad Studio. 179,257; Nov. 13.
House organ published monthly. Chr. Hansen's Laboratory, Inc. 180,761; Sept. 18.
House organ, Published monthly. National Paving Brick Manufacturers Association. 175,099; May 8.
House organ published periodically. Wabash Cabinet Co. 184,154; Nov. 6.
House organ published quarterly. A. N. Sheldon, jr. 184,801; Nov. 6.
Index and sales-data book, Combination. A. G. McMillan. 174,318; Apr. 24.
Journal, Agricultural. Curtis Publishing Company. 166,651; Feb. 27.
Journal, Monthly educational. E. B. Fritz. 171,634; Mar. 13.
Labels, Adhesive printed. Industrial Engineering Research Co. 181,076; Sept. 25.
Literary supplement, Periodically-issued. Associated Publishers of Iowa. 169,741; Mar. 27.
Lithographs. Niagara Lithograph Co. 168,484; Nov. 27.
Magazine. The Beanpot. 163,571; Sept. 11.
Magazine. T. A. Boright. 181,333; Nov. 13.
Magazine. F. W. Dodge Corporation. 185,570–2; Nov. 20.
Magazine. Montgomery Ward & Co. 183,078; Nov. 13.
Magazine. W. M. Traer. 174,040; Aug. 21.
Magazine articles. Fairchild Company. 182,853; Sept. 18.
Magazine, Biweekly. Edwin A. Scott Publishing Co. 156,660; Feb. 20.
Magazine, Financial. Financier Publishing Co. 184,903; Nov. 20.
Magazine issued monthly. Commercial Truck Company. 183,196; Sept. 11.
Magazine issued monthly. Fielding Publishing Company. 168,522; Jan. 30.
Magazine, Monthly. James W. Bell & Co. 175,594; June 12.
Magazine, Monthly. J. L. Careskey. 162,918; May 1.
Magazine, Monthly. El Comercio Publishing Corporation. 184,544; Nov. 6.
Magazine, Monthly. Holding Committee for Educational and Philanthropic Work. 161,315; May 1.
Magazine, Monthly. Holland Furnace Company. 181,024; Sept. 11.
Magazine, Monthly. E. D. Houtain. 179,869; June 26.
Magazine, Monthly. Keystone Publishing Co. 179,374; Aug. 28.
Magazine, Monthly. Lurie Company. 167,471; Apr. 24.
Magazine, Monthly. Edward Lyman Bill, Inc. 172,662; Feb. 27.
Magazine, Monthly. Macfadden Publications, Inc. 186,847; Dec. 11.
Magazine, Monthly. R. T. Miller, jr. 186,603; Dec. 11.
Magazine, Monthly. National Association of Electrical Contractors and Dealers. 167,057; Jan. 30.
Magazine, Monthly. National Association of Marble Dealers. 185,666; Nov. 6.
Magazine, Monthly. National Retail Hardware Association. 180,383; Sept. 4.
Magazine, Monthly. National School Supply Association. 181,085; Oct. 2.
Magazine, Monthly. Northman Publishing Company. 171,380; Apr. 24.
Magazine, Monthly. Oklahoma Publishing Company. 175,265; May 22.
Magazine, Monthly. Oklahoma Publishing Company. 175,266; May 8.
Magazine, Monthly. T. A. Phillips. 184,149; Nov. 6.
Magazine, Monthly. Photodramatist Publishing Company. 179,550; Nov. 20.
Magazine, Monthly. Radio Publishing Corporation. 168,729; Apr. 24.
Magazine, Monthly. Steam Power Publishing Corporation. 160,725; May 22.
Magazine, Monthly. Vickery & Hill Pub. Co., The. 179,440; Aug. 7.
Magazine, Monthly. E. Wray. 171,975; Feb. 27.
Magazine, Monthly trade. Modern Confectioner Publishing Company. 162,350½; Oct. 30.
Magazine, Name of a. S. Newman. 179,380; June 26.
Magazine, Name of a monthly. New York Law Review Corporation. 176,032; May 22.
Magazine, Name of a monthly. Radio Waves Publishing Co. 169,825; Mar. 27.
Magazine or pamphlet. J. W. McClure. 180,482; Sept. 18.
Magazine, Periodical. Levey Printing Company. 173,503; June 26.
Magazine, Periodical monthly. Movie Home Journal Co. 172,609; May 1.
Magazine published monthly. N. Tsukalas. 171,143; Feb. 27.
Magazine, Quarterly. Collegiate World Publishing Company. 181,730; Sept. 18.
Magazine, Quarterly. Woman's World Magazine Co. 177,342; May 22.
Magazine section. Legion Publishing Corporation. 176,196; July 31.
Magazine, Serial monthly. V. J. Farley. 174,564; May 8.
Magazine supplement, Weekly. Tribune Company. 166,412; Sept. 11.
Magazine title. National Committee for Mental Hygiene, Inc. 170,661; Jan. 2.
Magazine title, Monthly. T. Randolph. 171,389; Feb. 27.
Magazine, Title of monthly. D. Smart. 177,112; June 19.
Magazine, Title of quarterly. American Social Hygiene Association. 167,860; Jan. 30.
Magazine, Weekly. Penton Publishing Company. 171,281; May 1.
Magazine, Weekly. Progressive Farmer Co. 176,569; June 19.
Magazines. Street & Smith Corporation. 186,166; Dec. 11.
Magazines and the like, Departments or sections of and articles in. R. H. Ranger. 169,519; May 1.
Magazines, Bimonthly. Marshall Field & Company. 161,681; May 1.
Magazines, books, and stories. Fiction House, Inc. 155,304; May 29.
Magazines, Calendar cards, etc. Journeymen Barbers' International Union of America. 175,247; Oct. 2.
Magazines, Monthly. Dean-Hicks Company. 179,780; June 26.
Magazines, Monthly. St. L. Estes. 179,716; Sept. 11.
Magazines, Monthly. Kaufman-Clifford, Inc. 173,331; June 26.
Magazines, Monthly. Needlecraft Publishing Company. 155,444; May 22.
Magazines published semiannually. Candy Manufacturer Publishing Co. 178,955; June 26.
Maps and printed road guides, Road. United States Survey Company. 170,800; Nov. 27.
Maps, Auto road. Handipak Company. 180,864; Oct. 16.
Maps, Road. L. L. Zimmer. 185,236; Nov. 6.
Music and music books, Sheet. Fred Fisher, Inc. 168,577; Mar. 13.
Music and music books, Sheet. R. Litolff. 177,134; Oct. 16.

Classified list of trade-mark titles—Continued.

Music, Sheet. Circle Music Publishing Company. 172,827; Mar. 20.
Music, Sheet. Forster Music Publisher, Inc. 183,828; Dec. 11.
Music, Sheet. M. Witmark & Sons. 179,122; June 26.
Music sheets, completed printed books, photoprints, poems. L. K. McLean. 159,165; Feb. 20.
Musical publications. Forster Music Publisher, Inc. 182,094; Sept. 11.
News articles and publications, Title to syndicated scientific. Science Service, Inc. 186,039; Dec. 11.
News in newspaper, Column. Times Printing Company of Seattle. 175,416; May 22.
Newspaper. Cleveland Shopping News Company. 159,409; Sept. 11.
Newspaper. Victoria Murdock Estate. 180,514; Oct. 2.
Newspaper, Afternoon. Bellingham Publishing Company. 175,127; Apr. 17.
Newspaper and annual, High-school. Independent School District of Newton. 173,833; May 8.
Newspaper and magazine articles, prints, and publications. A. G. Calkins. 178,162; July 3.
Newspaper and newspaper supplements. Tribune Company. 177,707; May 29.
Newspaper and newspaper supplements published daily. Tribune Company. 177,706; May 22.
Newspaper articles, Pen name or nom de plume on. N. N. Choate. 161,967; Nov. 20.
Newspaper column, Heading for. Tribune Company. 166,413; July 31.
Newspaper, Column of news in its. Times Printing Company of Seattle. 175,416; July 31.
Newspaper column or article, Title for heading of. H. Markel. 185,223; Dec. 25.
Newspaper-column title. New York Tribune, Inc. 172,430; Mar. 13.
Newspaper column, Title for a. F. W. Wile. 179,076; Aug. 7.
Newspaper columns. E. A. Moss. 186,243; Dec 11.
Newspaper, Daily. A. H. Belo & Company. 174,880–2; Aug. 21.
Newspaper, Daily. Dow, Jones & Company. 169,627; Jan. 2.
Newspaper, Daily. Nashville Banner Publishing Company. 171,099; Feb. 27.
Newspaper, Daily. Oklahoma Publishing Company. 174,973; Apr. 17.
Newspaper, Daily. Oklahoma Publishing Company. 175,152; Apr. 17.
Newspaper magazine. Weekly supplement for a. Tribune Company. 169,992; Dec. 11.
Newspaper, Morning. Bellingham Publishing Company. 175,128; Apr. 17.
Newspaper, Name or title of a weekly. Walker Publishing Co. 173,159; Mar. 20.
Newspaper periodical published weekly. Bronxonian Publishing Co. 171,611; Feb. 27.
Newspaper, Section of a. Houston Chronicle Company. 169,676; Feb. 27.
Newspaper, Semiweekly agricultural. A. H. Belo & Company. 174,883; Aug. 21.
Newspaper strip, Title for comic. Illustrated Daily News Publishing Co. 187,162; Dec. 11.
Newspaper supplement. Times Printing Company of Seattle. 177,704–5; May 22.
Newspaper, Title of a column in a. Press Publishing Company. 186,613; Dec. 11.
Newspaper, Weekly. World Publication Co. 172,571; Feb. 27.
Newspapers. L. Nelson-Kirkwood. 167,361; June 12.
Newspapers, Contest, a feature in. Public Ledger Company. 170,505; Feb. 20.
Newspapers, etc., Cartoon feature sold to various. C. W. Kahles. 175,871; July 31.
Newspapers, etc., Heading for a humor column syndicated to. E. A. Moss. 182,602; Sept. 25.
Organ, House. Compo Bond Corporation. 177,166; Dec. 18.
Pamphlet. Butterick Publishing Company. 176,447; May 22.
Pamphlets published semimonthly. Level Club, Inc. 183,657; Nov. 27.
Paper and cardboard signs, displays, and billboard sheets. Rex Window Advertising Co. 177,051; June 12.
Papers and bulletins, Trade. National Retail Dry Goods Association. 165,704; Mar. 27.
Periodical. Laundry Age Publishing Co. 152,131; Nov. 13.
Periodical. Sutton & Darbyshire Incorporated. 182,020; Sept. 25.
Periodical, Daily. Derrick Publishing Co. 183,435; Nov. 27.
Periodical issued weekly. National Association of Hosiery and Underwear Manufacturers. 171,033; Mar. 27.
Periodical, Monthly. Aetna Life Insurance Company. 180,318; July 31.
Periodical, Monthly. Aetna Life Insurance Company. 180,319; Aug. 7.
Periodical, Monthly. Better Pictures Publishing Co. 175,912; June 26.
Periodical, Monthly. P. F. Collier & Son Company. 178,165; May 22.
Periodical, Monthly. Illinois Women's Athletic Club. 171,321; Feb. 27.
Periodical, Monthly. Jaburg Bros., Inc. 182,347; Sept. 18.
Periodical, Monthly. Northwestern Bell Telephone Company. 179,218; June 26.
Periodical, Monthly. Republican Women of Pennsylvania, Incorporated. 182,610; Sept. 18.
Periodical, Monthly. San Antonio Bible Institute, Inc. 173,215; Mar. 20.
Periodical, Monthly. Tree Lovers Association of America. 179,015; June 26.
Periodical, Monthly. Yellow Cab Manufacturing Co. 178,082; June 12.
Periodical, Monthly. Yellow Cab Manufacturing Co. 181,329; Sept. 11.
Periodical, Monthly marine. Penton Publishing Company. 182,058; Sept. 25.
Periodical, Plumbing and heating. Domestic Engineering Co. 172,589; Mar. 27.
Periodical, Printed. Better Times, Inc. 187,372; Dec. 11.
Periodical section. National Association of Hosiery and Underwear Manufacturers. 171,032; Feb. 27.
Periodical, Section of a monthly. B. C. Bost. 173,910; Apr. 17.
Periodical, Weekly. Coleman-Dobson-Cannon Co. 174,558; May 22.
Periodical, Weekly. Derrick Publishing Company. 183,436; Nov. 27.
Periodical, Weekly. F. P. Fildes, Inc. 167,807; Jan. 30.
Periodical, Weekly. National Association of Hosiery and Underwear Manufacturers. 171,031; Feb. 27.
Periodical, Weekly. Petroleum Publishing Company. 176,278; May 22.
Periodical, Weekly. Walter Reed General Hospital. 174,189; Apr. 17.
Periodicals. American Manufacturers Foreign Credit Underwriters, Inc. 175,120; Oct. 2.
Periodicals. Excella Pattern Company. 177,661; June 19.
Periodicals. H. K. Miller. 183,220; Sept. 11.
Periodicals, Monthly. H. K. Miller. 182,600; Sept. 11.
Periodicals, Monthly. Olympic Club. 181,206; Sept. 25.
Periodicals, Weekly. Cultivator Publishing Company. 180,421; Aug. 7.
Periodicals, Weekly. Leslie-Judge Company. 183,982; Nov. 27.
Photographic prints. Fowler & Slater Co. 178,380; July 3.
Photographic prints. G. Harmouth. 175,392; July 3.
Photographic reproductions. L. A. Howland. 177,847; May 22.
Photographs. Garred & Krause Drug Co. 181,390; Oct. 2.
Photographs. J. F. Wiggin. 162,154; Aug. 7.
Photoplay stories, Novelized original. G. D. Swartz. 185,162; Nov. 20.
Photo prints. National Process Company. 158,487; July 31.
Pictures. D. Davidson. 148,932; June 19.
Pictures or plot tino-types, Colored. Wallace Nutting, Incorporated. 170,831; May 1.
Pictures printed from camera negatives. Luxite Laboratories. 177,497; June 12.
Pictures, Sets of. Max B. Sheffer Card Co. 172,404; May 29.
Post cards, Picture. C. A. Cunningham. 170,629; Jan. 2.
Posters, Advertising. E. F. Mack. 176,682; May 22.
Printed advertising matter. F. M. Berkeley. 151,197; Feb. 27.
Printed advertising matter. F. Romer. 180,239; Aug. 21.
Printed articles, etc. W. L. Barnhart. 175,379; June 12.
Printed jobs, specifically house organs, catalogues, price lists, etc., Various completely. J. C. Hub Manufacturing Company. 168,111; Aug. 7.
Printed matter. F. M. Berkeley. 151,198; Feb. 27.
Prints and publications. C. Cross. 177,476; Nov. 20.
Prints and publications. Palmer Photoplay Corporation. 169,645; May 22.
Prints, post cards, pictures, and photographs. W. C. Brinton. 152,693; Feb. 20.
Programs, Racing. Browning and Atkin. 178,549; Nov. 13.
Publication. C. E. Bradley. 185,407; Nov. 20.
Publication. General Electric Company. 167,389; Mar. 27.
Publication. P. B. Walker 185,885; Dec. 11.
Publication. Park & Pollard Company. 180,985; Sept. 11.
Publication. Post-Time Publishing Co. 175,323; Apr. 17
Publication, Bimonthly and annual. International Trade Developer, Inc. 176,187; Aug. 21.
Publication, Daily. J. L. Frazier. 184,129; Nov. 20.
Publication devoted to the farm-equipment industry, Monthly. Implement Age Company. 177,000; May 22.
Publication, Fashion. A. Parrish. 169,923; Feb. 20.
Publication in magazine form, Title of a monthly. E. A. Bertrand. 159,684; Feb. 27.
Publication issued at irregular intervals. Gandy Belting Company. 173,042; Feb. 27.
Publication, Monthly. American Mutual Liability Insurance Company of Boston. 178,019; July 31.

Classified list of trade-mark titles—Continued.

Publication, Monthly. Charleston Electrical Supply Co. 173,277; Sept. 11.
Publication, Monthly. R. F. Couch. 175,544; May 1.
Publication, Monthly. Diamond Cab Sales Corporation. 181,014; Sept. 11.
Publication, Monthly. Fletcher American Company. 158,676; Apr. 24.
Publication, Monthly. M. Freeman. 176,892; May 22.
Publication, Monthly. H. M. Harrison. 170,684; Jan. 30.
Publication, Monthly. B. Mindlin. 180,614; Oct. 2.
Publication, Monthly. Modern Confectioner Publishing Company. 181,957; Sept. 25.
Publication, Monthly. National Federation of Uncle Sam's Voters. 182,218; Sept. 18.
Publication, Monthly. National Shoe Retailers Association of the United States of America Inc. 175,806; May 22.
Publication, Monthly. Order of the Scottish Clans. 186,924; Nov. 20.
Publication, Monthly. Pacific Radio Publishing Co. 161,747; July 31.
Publication, Monthly. Photoplay Publishing Company. 177,404; Nov. 6.
Publication, Monthly. A. G. Robinson. 182,719; Oct. 2.
Publication, Monthly. E. S. Rosenthal. 168,002; Jan. 2.
Publication, Monthly. Charles Scribner's Sons. 178,631; June 26.
Publication, Monthly. Skinner Machinery Company. 174,493; May 15.
Publication, Monthly. Allen T. Smith and George F. Case. 171,661; Feb. 27.
Publication, Monthly. Successful Farming Publishing Co. 168,436; Feb. 27.
Publication, Monthly. G. F. Whitehouse. 180,997; Sept. 11.
Publication, Monthly. M. Wile & Co. 173,547; May 1.
Publication, Motorists'. Tourist Handbook Pub. Co. 179,386; Aug. 7.
Publication, Name of. American Education Press, Inc. 176,240; June 12.
Publication, Name of a monthly. Norfolk Police Social and Relief Association. 185,903; Dec. 11.
Publication, Occasional. J. T. Igoe. 175,721; May 22.
Publication on the correction of stammering. S. D. Robbins. 175,568; Sept. 25.
Publication page. Toledo Scale Company. 174,115; Apr. 17.
Publication, Paint and varnish monthly. National Save The Surface Campaign Committee. 184,560; Dec. 11.
Publication, Paint and varnish monthly periodical. National Save The Surface Campaign Committee. 184,561; Dec. 25.
Publication, Periodical. L. A. Heine. 176,828; May 22.
Publication, Periodical. Jack-O-Lantern Board. 171,084; Mar. 13.
Publication, Periodical. Norristown Herald, Inc. 171,431; Mar. 13.
Publication, Periodical. Norristown Herald Printing and Publishing Co. 179,738; Aug. 28.
Publication, Periodical. Whitman & Keith Co. 170,852; Feb. 27.
Publication, Printed. Standard Corporation. 185,057; Nov. 6.
Publication published daily, Periodical. Norristown Herald, Inc. 176,910; May 22.
Publication, Quarterly. Delta Sigma Phi Fraternity. 153,715; June 12.
Publication, Quarterly. Periodical Publishing Company. 177,403; May 22.
Publication, Section of a daily. R. F. Couch. 175,545; Mar. 27.
Publication, Semi-monthly. Class Journal Company. 175,385; May 22.
Publication title. Western Electric Company. 178,941; July 31.
Publication, Title of daily. Press-Union Publishing Co. 169,778–9; Jan. 30.
Publication, Title of quarterly. International Western Electric Company. 182,973; Oct. 2.
Publication, Weekly. Austin Publishing Company. 184,809; Nov. 6.
Publication, Weekly. Bragdon, Lord & Nagle Co. 181,726; Oct. 2.
Publication, Weekly. Pathfinder Publishing Co. 180,387; Aug. 21.
Publication, Weekly. Textile Publishing Company. 172,659; Feb. 27.
Publications. A. Bowyer. 181,669; Sept. 25.
Publications. D. Loeser. 160,196; Aug. 21.
Publications and negotiable papers. North-Western Trust & Savings Bank. 151,922; Apr. 10.
Publications and printed literature. Philadelphia Quartz Company. 158,728; July 3.
Publications, House organ. Goodyear Tire & Rubber Company. 157,566; May 8.
Publications, Monthly. American Wholesale Corporation. 122,458; Mar. 27.
Publications, Monthly. Brown, Lockwood & Davenport Company. 186,214; Dec. 11.
Publications—namely, catalogues. McCord Manufacturing Company. 173,291; Feb. 27.
Publications, Periodical. American Agriculturalist, Inc. 178,204; July 10.
Publications, Periodical. Chicago Automobile Trade Association. 180,522–3; Oct. 30.
Publications, Periodical. Institute for Public Service. 173,707; May 8.
Publications, Periodical. B. T. Shields. 174,927; Apr. 17.
Publications, Sunday-school. W. B. Rose. 186,722; Dec. 18.
Publications, Weekly. Bankers Supply Co. 181,509; Sept. 11.
Publications, Weekly. Bankers Supply Co. 183,687; Nov. 6.
Publication, Weekly. H. G. Regan. 185,091; Dec. 4.
Quarterly Review. Council on Foreign Relations, Inc. 169,348; Mar. 6.
Recipes and printed recipes, Compilation and card index of. Geo. D. Roper Corporation. 176,654; July 31.
Story, Serial. E. P. Norwood. 172,009; Feb. 27.
Trading certificates. R. L. Mason. 173,518; May 29.

CLASS 39.

Apparel, Articles of ladies'. I. Pachner & Son, Inc. 183,342; Sept. 25.
Apparel, Articles of men's and ladies'. I. Pachner & Son, Inc. 169,737½; May 22.
Apparel, Athletic. S. M. Elowsky & Co. 177,478; Sept. 4.
Apparel, Children's and infants' wearing. H. Frohlichstein. 182,796; Dec. 11.
Apparel, Children's, misses', and women's wearing. Solomon Mfg. Co. 167,663; Sept. 4.
Apparel for men and women, Wearing. Rosenwald & Weil. 168,070; Jan. 9.
Apparel for men and women, Wearing. Rosenwald & Weil, Inc. 180,892; Aug. 7.
Apparel, Infants' and children's wearing. R. M. Raphael. 171,434; Aug. 28.
Apparel, Infants' and young children's. S. Rouff. 174,864; Aug. 28.
Apparel, Ladies' and misses' wearing. Lehman Brothers, Inc. 170,656; June 5.
Apparel, Ladies' wearing. B. Goldwasser. 178,501; Nov. 27.
Apparel, Ready-made women's. Ferguson, Weinberg & Rose. 177,662; Dec. 18.
Apparel, Wearing. Childs Specialty House. 175,849; July 10.
Apparel, Wearing. S. A. Ellenbogen. 186,546; Dec. 11.
Apparel, Women's wearing. A. H. Flanders Company. 172,269; July 17.
Apron and girdle supporters, Household. A. Stein & Company. 183,003; Sept. 11.
Aprons. R. H. Macy & Co. 174,524; July 17.
Aprons. C. L. Scovil. 182,936; Oct. 16.
Aprons. Weber Manufacturing Co. 155,791; June 5.
Aprons and dresses, Women's. Sterling Company. 180,948; Aug. 28.
Aprons and frocks. A. S. Katzenberg & Bro. 185,022; Nov. 6.
Aprons and house dresses, Ladies' and misses'. Forest City Manufacturing Company. 162,397; June 26.
Aprons, Dress. M. E. Smith & Co. 186,968; Dec. 18.
Aprons, dresses. F. Vogel's Son and Company. 176,585; Oct. 16.
Aprons, dresses, and bloomers. Rhea Manufacturing Co. 176,653; Aug. 7.
Aprons, dresses, and frocks. J. Zukin. 177,888; Dec. 18.
Aprons, dresses, frocks, and coats. L. I. Brooks. 182,561; Dec. 11.
Aprons for icemen. United States Rubber Company. 171,002; May 15.
Aprons, Ladies'. M. Sharaf. 156,027; Jan. 2.
Aprons, skirts, and rompers. Miller & Canary. 183,753; Nov. 20.
Arm bands. A. Stein & Company. 171,475; Mar. 20.
Arm bands and suspenders. A. Stein & Company. 179,118; Sept. 4.
Baby wear, bath robes, jackets, and baby buntings. H. Cooperman. 176,115; Sept. 15.
Bags, baseball, bathing, and college caps, men's and ladies' sport clothes, Bat. P. Goldsmith's Sons. 139,353; May 8.
Bandeau and girdle, brassière and girdle, and brassière and corselette, Combined. D. Bickum. 178,953; Aug. 28.
Bandeaux and brassières. Warner Brothers Company. 179,903; Aug. 14.
Bandeaux and corsets. J. L. Alberts. 172,024; Sept. 4.
Bandeaux and corsets. J. L. Alberts. 172,501; Sept. 4.
Bath robe which may be used as a towel. C. R. Hoyme. 166,505–6; Feb. 13.
Bath robes, Baby. J. Kaplan. 168,218; Jan. 9.
Bath robes, bathing suits, coats and suits, etc. M. E. Blatt Co. 169,117; Feb. 6.
Bathing capes. Chesapeake Weaving Mills, Inc. 177,121; July 17.
Bathing caps. R. F. Graigen. 164,757; May 1.
Bathing suits. Avalon Knitwear Company. 168,570; May 8.
Bathing suits and trunks. R. L. Bennett Co. 155,590; Nov. 13.
Bathing suits, Knitted. Blue-Ribbon Knitting Mills. 175,063; July 10.
Bathing suits, Knitted. C. C. Smith. 186,252; Dec. 11.

Belts. Champion Manufacturing Co. 177,473; Aug. 28.
Belts. Marathon Tire & Rubber Company. 148,499; Jan. 9.
Belts, Apparel. Harris Suspender Company. 172,944; Apr. 3.
Belts, Ladies'. Slote & Schaffer. 184,989; Dec. 25.
Belts, Men's. T. J. O'Connor & Sons, Incorporated. 169,557; Jan. 30.
Belts, shoes, and slippers. American Rubber & Tire Co. 156,208; Feb. 20.
Bibs. G. Carlson. 179,029; Aug. 28.
Bibs. Sanitary Rubber Novelty Co. 171,869; Dec. 11.
Bibs, infants' pants, waterproof aprons, Baby. Mills Brothers Company. 161,935; Feb. 20.
Bloomers. W. A. Goldsmith. 151,987; May 1.
Bloomers. Walter A. Goldsmith Co. 181,116; Aug. 7.
Bloomers for babies and children. A. M. Breit. 175,296; June 5.
Bloomers, Ladies' fabric underwear. E. Munzer & Co. 154,524; May 22.
Bloomers, pantalets, and petticoats, Women's. Eagle Skirt Company. 171,490; June 26.
Bloomers, step-ins, pyjamas, and pantalettes. Comfi-Nick Corporation. 169,893; Feb. 13.
Bloomers, Women's. L. N. Gross Company. 169,240; Apr. 3.
Blouses and shirts, Boys'. Burnstein–Friedland & Co. 166,976; Sept. 11.
Blouses, Boys'. M. Finkelson. 167,351; Mar. 13.
Blouses, Boys'. M. Finkelson. 173,041; May 22.
Blouses, dresses, skirts, suits, and sweaters. L. A. Wolin Company. 149,875; Feb. 13.
Blouses, ladies', children's, and misses' dresses, knickers, boys' suits, bloomers, overshirts, etc., Middy. H. W. Goldman. 177,484; July 3.
Blouses, skirts, etc., Women's and children's. R. F. Homberg. 168,970; Jan. 9.
Blouses, undershirts, and pyjamas. M. Shrage. 162,353; Nov. 13.
Bonnets, hats, and caps. L. R. Stampher. 166,750; Jan. 9.
Boot and shoe tips and counters. Geo. E. Keith Company. 177,675; July 24.
Bootees, bibs, bonnets, coats, etc., Infant's. Melcher, Paradise & Landau. 164,650; Feb. 6.
Boots and shoes. Edwin Clapp & Son, Inc. 172,639; Mar. 27.
Boots and shoes. Crocker & Morse, Inc. 177,169; May 22.
Boots and shoes. Crocker & Morse, Inc. 177,428; July 10.
Boots and shoes. Curtis Shoe Company. 169,703; Mar. 13.
Boots and shoes. C. H. Daly & Son Shoe Company. 178,432; Dec. 4.
Boots and shoes. W. L. Douglas Shoe Company. 176,331; May 22.
Boots and shoes. Eli Boot Shop Co. 173,629; May 8.
Boots and shoes. Philip Giard Shoe Company. 173,886; June 12.
Boots and shoes. J. P. Hartray Shoe Co. 184,727; Nov. 27.
Boots and shoes. F. L. Heim & Son. 180,429; Nov. 13.
Boots and shoes. International Shoe Company. 165,380; Feb. 20.
Boots and shoes. V. K. & A. H. Jones & Thomas Co. 173,357; Apr. 24.
Boots and shoes. Juvenile Shoe Corporation of America. 170,196; June 26.
Boots and shoes. Juvenile Shoe Corporation of America. 170,198–9; June 26.
Boots and shoes. J. P. Levy Shoe Co. 182,662; Dec. 4.
Boots and shoes. A. E. Little Company. 175,254; Apr. 17.
Boots and shoes. Rubberhide Company. 170,992; Sept. 18.
Boots and shoes. E. E. Taylor Co. 176,293–4; July 3.
Boots and shoes. Weyenberg Shoe Mfg. Co. 176,387; Apr. 17.
Boots and shoes. Whitman & Keith Co. 171,974; May 8.
Boots and shoes. Whitman & Keith Co. 172,311; Mar. 27.
Boots and shoes, Kid, canvas, and leather. Juvenile Shoe Corporation of America. 170,200; Jan. 23.
Boots and shoes, Leather. S. Alexander. 172,410; Apr. 17.
Boots and shoes, Leather. Bettmann-Dunlap Company. 181,004; Nov. 13.
Boots and shoes, Leather. Bettmann-Dunlap Company. 181,005; Dec. 25.
Boots and shoes, Leather. Bettmann-Dunlap Company. 181,006–7; Nov. 20.
Boots and shoes, Leather. Chippewa Shoe Mfg. Co. 172,261; May 22.
Boots and shoes, Leather. B. E. Cole Co. 170,055; Feb. 27.
Boots and shoes, Leather. Commonwealth Shoe and Leather Company. 178,894; Aug. 28.
Boots and shoes, Leather. Dugan & Hudson Co. 166,655; May 22.
Boots and shoes, Leather. A. C. Erickson. 174,613; May 22.
Boots and shoes, Leather. Charles K. Fox, Inc. 170,574; May 22.
Boots and shoes, Leather. Gale Shoe Manufacturing Co. 170,061; Jan. 30.
Boots and shoes, Leather. International Shoe Company. 183,707; Nov. 27.
Boots and shoes, Leather. Geo. E. Keith Company. 152,760; Apr. 3.
Boots and shoes, Leather. Thos. H. Logan Co. 135,759; Jan. 16.
Boots and shoes, Leather. Donn D. Sargent Company. 169,872; Jan. 23.
Boots and shoes, Leather. A. W. Smith Shoe Company. 160,159; Mar. 20.
Boots and shoes, Leather. Societe Anonyme Des Chaussures F. Pinet. 181,706; Dec. 4.
Boots and shoes of leather. Corson Shoe Manufacturing Company. 171,205; July 3.
Boots and shoes, Soles and heels for. Seiberling Rubber Company. 164,564; June 12.
Boots and shoes, Supplemental soles for. H-M Manufacturing Co. 177,605; Aug. 28.
Boots and shoes, Women's. Globe Shoe Company. 169,900; Apr. 3.
Boots, shoes, and moccasins. G. H. Bass & Co. 180,354; Nov. 20.
Boots, shoes, and rubbers. Mishawaka Woolen Mfg. Co. 151,462; Nov. 20.
Boots, shoes, and slippers. Nath'l Fisher & Co. 165,490; Nov. 13.
Boots, shoes, and slippers. Gebs Boot Shop. 180,174; Oct. 2.
Boots, shoes and slippers. Alfred Hale Rubber Company. 173,314; Apr. 24.
Boots, shoes, and slippers. Shepard Norwell Company. 172,187; Apr. 10.
Boots, shoes, and slippers. Thomas G. Plant Company. 167,097; Dec. 4.
Boots, shoes, and slippers. Thomas G. Plant Company. 167,422; July 31.
Boots, shoes, and slippers. Wichert Inc. 174,806; May 22.
Boots, shoes, and slippers and their components. D. B. Macdonald. 184,087; Dec. 18.
Boots, shoes, and slippers, Leather. W. H. McElwain Company. 176,903; Sept. 18.
Boots, shoes, etc. H. H. Roosa. 167,658; Aug. 28.
Boots, shoes, oxfords, and low quarters, Leather. Grossman Shoe Co. 176,267; May 22.
Boots, shoes, slippers. B. Rosenberg & Sons, Inc. 149,933; Jan. 2.
Boots, shoes, slippers, and sandals. Bloom Sublyme Shoe Co. 171,524; July 3.
Brassières. Benjamin & Johnes. 170,861; Apr. 24.
Brassières. D. Bickum. 174,999; June 26.
Brassières. D. Bickum. 176,159; June 26.
Brassières. Birdsey Somers Company. 174,532; June 26.
Brassières. C. M. Bishop. 167,931; Jan. 30.
Brassières. Carmen Manufacturing Company. 169,237; Jan. 2.
Brassières. Chas. R. De Bevoise Co. 159,502–3; Aug. 7.
Brassières. Chas. R. De Bevoise Co. 175,010; Aug. 7.
Brassières. Charles R. De Bevoise Co. 181,983; Sept. 11.
Brassières. Modishform Brassiere Co. 180,291; Sept. 11.
Brassières. Ida Munzer, Inc. 176,804; July 31.
Brassières. Ida Munzer, Inc. 177,100; Nov. 20.
Brassières. Naturaline Corset Company. 172,116; Mar. 27.
Brassières. Nature's Rival Company. 165,406; July 24.
Brassières. B. Rubenstein. 161,146; Feb. 6.
Brassières. R. & R. Underwear. 172,013; July 17.
Brassières. B. Sklarew. 182,680; Nov. 13.
Brassières. Lucile Somarco Brassiere. 169,768; Jan. 2.
Brassières. Lucile Somarco Brassière Co. 176,560; Nov. 20.
Brassières. W. S. D. Underwear Co. 178,586; Aug. 28.
Brassières. P. Wolf. 173,989; Apr. 10.
Brassières and corsets. J. M. Kinney. 181,898; Sept. 11.
Brassières and garter brassières. Model Brassiere Co. 179,280; Aug. 14.
Brassières and garter brassières. Model Brassiere Co. 181,695; Nov. 13.
Brassières and girdles. La Belle Brassiere Co. 179,209; Sept. 11.
Brassières and women's underwear. Madame Irene. 173,498; June 26.
Brassières, bandeaux, bandeau-girdle combinations, etc. Warner Brothers Company. 182,276; Nov. 20.
Brassières, bandeaux, girdles, corsets, etc. Frolaset Corset Co. 173,823; July 17.
Brassières, corsets, camisoles, chemises, etc. Grande Maison De Blanc, Inc. 175,141; Aug. 28.
Breeches, coats, vests, etc. Lewis M. Weed Co. 183,353; Nov. 20.
Camisoles, bloomers, chemises, etc. Laskin Brothers. 171,223; May 15.
Caps. Bamberger Reinthal Company. 173,459; June 5.
Caps. Cooper, Davidson & Klein Cap Company. 171,486; Sept. 4.
Caps. Fendelman Brothers Cap and Hat Manufacturing Company. 177,287; June 5.
Caps. H. L. Jacobs. 167,877; Jan. 9.
Caps. S. Schanzer. 180,031; Aug. 14.

Classified list of trade-mark titles—Continued.

Caps and aprons. Brown & Bigelow. 160,743; June 5.
Caps and hats. Crofut & Knapp Co. 176,253; Aug. 7.
Caps and hats for men and women. Crofut & Knapp Co. 176,329; July 31.
Caps and soft hats. S. Goldstein. 166,449; Feb. 20.
Caps and water guards for bathing caps, Rubber bathing. Lew-Mar Products Company. 182,475; Dec. 4.
Caps, Boys' and men's. S. M. Blumenfield. 173,953; Apr. 3.
Caps, Boys' sport. J. Kaufman & Sons. 175,499; June 5.
Caps for men and boys. Beck & Belaief. 165,910; Mar. 6.
Caps for men, boys, and children. National Cap Mfg. Company. 159,522; May 1.
Caps for men, women, and children. W. London. 165,753; May 8.
Caps, hats, gloves, fur coats, etc. Dobbs & Co. 176,257; Aug. 7.
Caps, Infants'. Birnbaum, Rosenbloom & Yellen. 173,696; Sept. 18.
Caps, Men's and boys'. J. C. Penney Company. 176,760; May 22.
Caps, Men's, boys', and children's. Jackoway & Katz Cap Co. 171,174; Feb. 13.
Caps, Men's, youths', and boys'. National Cap Manufacturing Company. 178,862; Sept. 4.
Caps, straw and felt hats, and derbies, Men's. Sarnoff-Irving Hat Stores, Inc. 170,221; Jan. 30.
Caps, sweaters, and underwear. McLaughlin Textile Corporation. 185,126; Nov. 20.
Caps, sweaters, scarfs, etc. J. B. Shansby. 178,534; Sept. 18.
Caps, sweaters, shoes, negligee shirts, and hosiery, Men's. Frankel Bros. 181,984; Oct. 23.
Cloaks and capes, Children's. Shoninger-Heinsheimer Manufacturing Co. 171,963; July 3.
Cloaks, capes, and suits, Juniors' and misses'. Shoninger-Heinsheimer Manufacturing Co. 171,964; July 3.
Cloaks, coats, dresses, suits, and skirts. Linder Bros. 185,084; Nov. 20.
Cloaks, coats, suits, dresses, and skirts. Linder Bros. 185,085; Oct. 30.
Cloaks, suits, and coats, Women's. Miltex Cloak & Suit Co. 176,030; July 17.
Cloaks, suits, dresses. M. Kirschner & Sons. 178,345–6; July 10.
Cloaks, suits, dresses, hosiery. Kellogg Drake & Co. 176,836; Oct. 30.
Cloaks, wraps, and suits for ladies. Mabley & Carew Company. 169,174; Jan. 30.
Clothes for men and boys, Working. Bender Company. 184,633; Dec. 11.
Clothes for women, Sport. E. Grossman. 160,936; Jan. 9.
Clothes, Men's and women's sport. H. G. Warland. 173,457; May 29.
Clothes, Men's and young men's outer. Chas. Douglis-Mack Co. 167,803; Oct. 30.
Clothes, Men's, young men's, and boys'. Chas. Douglis Mack Co. 184,069; Dec. 4.
Clothing. Guiterman Bros. 173,354; Oct. 2.
Clothing. Indianapolis Tent & Awning Company. 169,595; Feb. 20.
Clothing. Jordan Marsh Company. 164,437; Mar. 20.
Clothing. Magnus Imports, Ltd. 180,871; Sept. 18.
Clothing. H. R. Mallinson & Co. 176,085; Oct. 16.
Clothing. Pollok-Schultz-Boyd Company. 181,311; Sept. 18.
Clothing. R & W Hat Shop, Inc. 185,673; Dec. 11.
Clothing and garments, Women's and young women's. Style-Center Tailoring Company. 172,566; June 19.
Clothing and haberdashery, Men's, young men's, and boys'. J. Hilton. 153,507; June 26.
Clothing, Boys'. Wicks & Greenman. 174,351; Oct. 23.
Clothing, Children's. Shotwell's Inc. 158,403; June 5.
Clothing, Children's ready-to-wear. J. C. Penney Company. 166,258; Jan. 2.
Clothing, coats, suits, and dresses, Outer. P. H. Samplinner Company. 180,724; Sept. 11.
Clothing for boys. Ben. Wiener & Co. 176,931; Sept. 11.
Clothing for men. Joseph H. Cohen & Sons. 181,246; Oct. 16.
Clothing, Handmade silk. C. Y. Tannehill. 168,499; Mar. 20.
Clothing, Men's. S. Ackerman. 181,581–2; Nov. 6.
Clothing, Men's. J. Herman. 175,144; Aug. 7.
Clothing, Men's outer. Frankel Bros. 172,469; May 22.
Clothing, Men's outer. Hirsh, Wickwire Company. 165,192; Dec. 4.
Clothing, Men's outer. B. Kuppenheimer & Co. 170,587; May 15.
Clothing, Men's ready-made. Thexton & Wright Ltd. 160,310; Feb. 13.
Clothing, Men's, youths', and boys'. J. C. Shannon. 180,398; Sept. 18.
Clothing, Outdoor. Meier & Frank Co. 165,402; Jan. 16.
Clothing, Outer. Lewis & Harris Handwoven Tweed Company. 171,132; Oct. 30.
Clothing, Outing and work. T. Kotzin. 164,252; Sept. 18.
Clothing, Work. J. O. Fly. 181,389; Sept. 11.
Coats. Dorfman & Miller. 169,396; Apr. 3.
Coats. I. L. Freedman. 150,009; Jan. 30.
Coats. T. Klipstein. 159,267; Dec. 4.
Coats. United States Rubber Company. 175,580; June 19.
Coats and capes, Children's and ladies'. Yale Cloak Co. Inc. 166,426; May 8.
Coats and like negligees, Breakfast. De Garcy Co. 161,821; June 19.
Coats and suits, Ladies'. L. Schwartz & Sons. 181,499; Oct. 23.
Coats and suits, Ladies'. Wilkin & Adler, Inc. 176,519; June 19.
Coats and suits, Ladies' and misses'. Zieser & Kling. 180,643; July 24.
Coats and suits, Men's and young men's. Kushner & Gillman, Inc. 167,134; May 1.
Coats and vests, Leather. Fried, Ostermann Company. 187,104; Dec. 18.
Coats and vests, Men's and boys' sheep-lined. Simon Blum, Incorporated. 180,415; Oct. 16.
Coats, capes, suits, and dresses, Ladies'. A. Beller & Company. 185,359; Dec. 18.
Coats, capes, wraps, mantles, etc. S. Karp. 183,156; Nov. 20.
Coats, cloaks, capes, etc., Women's, children's, and infants'. Salt's Textile Manufacturing Company. 186,616; Dec. 11.
Coats, cloaks, suits, etc., Women's, children's, and infants'. Salt's Textile Manufacturing Company. 160,371; Sept. 4.
Coats, cloaks, suits, etc., Women's, children's, and infants'. Salt's Textile Manufacturing Company. 173,676; May 29.
Coats, cloaks, wraps, capes, etc. Amertex Mills, Inc. 160,852; Aug. 14.
Coats, cloaks, wraps, capes, etc. Salt's Textile Manufacturing Company. 184,518–19; Nov. 6.
Coats, cloaks, wraps, capes, etc. Salt's Textile Manufacturing Company. 184,524; Nov. 6.
Coats, cloaks, wraps, capes, suits, dresses, etc. Salt's Textile Manufacturing Company. 165,313; Mar. 20.
Coats, cloaks, wraps, suits, etc. Salt's Textile Manufacturing Company. 165,311; Oct. 23.
Coats, Convertible. United States Overall Manufacturing Company. 175,972; June 19.
Coats for ladies and misses. John & James Dobson, Inc. 165,289; Jan. 2.
Coats, Girls'. New York Girl Coat Co. 169,491; June 5.
Coats, Infants'. Federal Underwear Co. 171,837; May 29.
Coats, Infants' and girls'. Kiddie Coat Manufacturing Co. 161,078; Jan. 23.
Coats, Knitted sport. Recreation Distributing Co. 183,892; Dec. 11.
Coats, Ladies'. Superior Garment Company. 181,356; Sept. 11.
Coats, overcoats, and topcoats, Dress. Louis Holtz and Sons, Inc. 175,243; June 26.
Coats, overcoats, hosiery, etc. Adsit and Rugg Inc. 174,421; Nov. 20.
Coats, overcoats, hosiery, underwear, etc., Sheep-lined fur. Adsit and Rugg Inc. 174,421; Aug. 21.
Coats, Sheepskin. Slands M'f'g. Co. 183,636; Sept. 25.
Coats, skirts, and suits, Women's, misses', and children's. Barrist & Co. 174,764; June 26.
Coats, skirts, knickerbockers, suits and dresses, Women's. Cohen & Edelman. 170,740; June 5.
Coats, suits, dresses, and hats, Women's. L. H. Burgower. 127,709; Aug. 7.
Coats, suits, dresses, etc., Women's. Avedon & Co. 187,032; Dec. 18.
Coats, suits, dresses, hats, etc., Ladies'. M. R. Ney. 160,675; Jan. 16.
Coats, suits, dresses, outer skirts, blouses, and hats, Ladies'. F. M. Burns. 175,381; Apr. 24.
Coats, suits, skirts, and dresses, Ladies'. Kux Bleiweiss Company. 180,185; Aug. 21.
Coats, vests, pants, and knickerbockers, Men's and boys'. Goodall Worsted Co. 162,546; Apr. 10.
Coats, vests, trousers, and overcoats, Men's and youths'. Moses-Rothchild Co. 187,228; Dec. 18.
Coats, vests, trousers, overcoats, Men's. Franklin Clothes Shop, Inc. 174,134; July 10.
Coats, waistcoats, bath robes, etc., Men's and boys' house. Franklin Simon & Co. 179,689; Nov. 6.
Coats, waistcoats, bath robes, etc., women's and girls' furnishings, undergarments, and clothing, Men's and boys'. Franklin Simon & Co. 170,431; June 26.
Coats, wraps, capes, and neckpieces. H. Uswald. 155,280; June 19.
Coats, wraps, capes, and neckpieces, Fur. H. Uswald. 155,281; June 19.
Collars. Cluett, Peabody & Company. 176,326; Aug. 7.
Collars. Cluett, Peabody & Company. 176,451; July 17.
Collars. Harry and Charles Cohen. 171,151; May 15.
Collars. Phillips-Jones Corporation. 167,263; Jan. 30.
Collars and cuffs. Franklin Simon & Co. 173,338; Sept. 11.
Collars, cuffs, aprons, caps, bibs, uniforms, etc., Nurses'. E. W. Marvin Company. 174,845; July 24.
Collars for personal wear. E. I. du Pont de Nemours & Company. 160,053; Jan. 9.
Collars, Men's. C. Schwartz. 172,359; May 22.
Collars, neckties, suspenders, etc. Babcock & Shannon Co. 168,869; May 8.

Collars, pyjamas, and shirts. H. Berger. 180,739; Sept. 11.
Collars, pyjamas, and shirts, Men's and boys'. H. Berger. 180,740–3; Aug. 7.
Collars, scarfs, neckties, and cravats. I. Rosen. 182,062; Oct. 30.
Collars, Shirt. Geo. P. Ide & Co. 174,012; July 10.
Corsets. Abraham & Straus, Inc. 186,620; Dec. 25.
Corsets. J. L. Alberts. 165,516; Feb. 20.
Corsets. J. L. Alberts. 165,517; May 8.
Corsets. Bonwit Teller & Co. 185,172; Nov. 27.
Corsets. Bonwit Teller & Co. 185,741; Dec. 11.
Corsets. J. L. Holt. 138,091; Sept. 25.
Corsets. F. P. Hoy, Inc. 169,972; May 29.
Corsets. F. P. Hoy, Inc. 182,307; Sept. 25.
Corsets. Mme. Irene. 169,361; Apr. 24.
Corsets. Jackson Corset Company. 178,723; Sept. 4.
Corsets. La Resista Corset Company. 167,004; May 29.
Corsets. Naturaline Corset Company. 164,601; Jan. 30.
Corsets. Rite Form Corset Co. 175,106; Dec. 25.
Corsets. Sears, Roebuck and Co. 175,525; July 31.
Corsets. Strouse, Adler & Co. 167,947; Jan. 2.
Corsets. Strouse, Adler & Co. 167,950; Jan. 2.
Corsets. Strouse, Adler & Co. 167,952; Jan. 30.
Corsets. Strouse, Adler & Co. 167,955–6; Jan. 2.
Corsets. Warner Brothers Company. 156,610; Jan. 9.
Corsets. Weingarten Bros. 173,061; July 3.
Corsets. Woodward & Lothrop. 166,423; Jan. 2.
Corsets and brassières. L. Bamberger & Co. 160,486; Jan. 16.
Corsets and brassières. Camlin Corset Co. 170,620; Apr. 10.
Corsets and brassières. Interstate Corset Company. 176,739; June 26.
Corsets and brassières, Combination. International Corset Company. 174,784; June 26.
Corsets, brassières, and combination corsets and brassières. International Corset Company. 174,785; June 26.
Corsets, brassières, and girdles. Birdseye-Somers Co. 177,212; June 5.
Corsets, brassières, and underwear. Kops Bros. 169,019; Jan. 2.
Corsets, brassières, and underwear. Kops Bros. 169,021; Jan. 2.
Corsets, brassières, and underwear. Kops Bros. 169,023; Jan. 2.
Corsets, brassières, and underwear. Kops Bros. 169,025; Jan. 2.
Corsets, brassières, and underwear. Kops Bros. 169,027; Jan. 2.
Corsets, brassières, and underwear. Kops Bros. 174,247; Nov. 13.
Corsets, brassières, and underwear. Kops Bros. 184,247–8; Oct. 16.
Corsets, brassières, and underwear. Kops Bros. 184,470; Nov. 6.
Corsets, brassières, and underwear for women. Kops Bros. 174,248–50; Sept. 18.
Corsets, brassières, and underwear of textile fabric for women. Kops Bros. 169,811; Feb. 13.
Corsets, brassiéres, brasselettes, and bandeaux. La Resista Corset Company. 165,689; Mar. 20.
Corsets, brassières, bust supporters, etc. John Hollbach Company. 181,025; Nov. 20.
Corsets, brassières, combination corsets and brassières, etc. Nichols Underwear Corporation. 184,144; Oct. 16.
Corsets, brassières, corset covers, etc. Kops Bros. 167,986; Jan. 2.
Corsets, brassières, corset covers, waists, and underwear. Kops Bros. 167,987; Apr. 24.
Corsets, brassières, girdles, etc. American Lady Corset Co. 167,067; Jan. 2.
Corsets, brassières, girdles, etc. American Lady Corset Co. 183,242; Dec. 25.
Corsets, corselettes, and brassières. Fifth Avenue Corset Company. 178,171; Aug. 28.
Corsets, corset waists, and brassières. Ferris Bros. Company. 175,779; July 31.
Corsets, corset waists, brassières, etc. American Lady Corset Company. 179,916; July 17.
Corsets, corset waists, brassières, etc. Royal Worcester Corset Company. 179,744; Nov. 13.
Corsets, corset waists, brassières, bandeaux, etc. American Lady Corset Company. 167,752; Jan. 2.
Corsets, corset waists, brassières, bandeaux, etc. Frolaset Corset Co. 177,180; Aug. 28.
Corsets, corset waists, brassières, bandeaux, etc. Royal Worcester Corset Company. 169,650; Feb. 20.
Corsets, corset waists, girdles, etc. Ferris Bros. Company. 168,841; Jan. 2.
Corsets, girdles, bandeaux, and brassières. Owego Corset Company. 172,899; Apr. 24.
Corsets, girdles, belts, etc. Trolaset Corset Co. 177,291; Aug. 14.
Corsets, girdles, dresses, etc. Hochschild, Kohn & Co. 184,450; Nov. 6.
Corsets, ladies' underwear, etc. C. Munter. 174,701; Aug. 14.
Corsets, waist corsets, brassières. C. Munter. 141,320–1; Jan. 2.
Corsets, waist corsets, brassières, and undergarments. C. Munter. 177,192–3; Aug. 7.
Corsets, waist corsets, brassières, etc. C. Munter. 179,813; Aug. 28.
Corsets, waists, brassières, and girdle brassières. Ferris Bros. Co. 163,576; Jan. 9.
Corsets, waists, girdles, and corset combinations. Birdsey Somers Company. 167,221; Jan. 30.
Corsets, waists, girdles, and corset combinations. Birdsey Somers Company. 167,507; Jan. 30.
Costumes and skirts, Ladies'. Bradford Dyers' Association, Limited. 124,042; Feb. 20.
Cravats. Willow Weaving Co. 179,576; July 17.
Cravats and neckties. Cheney Brothers. 184,814; Nov. 13.
Cravats, Knitted. P. Trabulsi. 177,151; June 26.
Cravats, mufflers, men's lounging robes. J. M. Feinson. 175,854; June 12.
Creepers, rompers, suits and dresses, Children's. Woodward & Bowman. 176,393; Oct. 16.
Dress shields. Empire Shield Co. 159,308; Mar. 27.
Dresses. Barbara Ann Dress Shops, Inc. 165,055; Jan. 2.
Dresses. Borgenicht & Sons Co. 158,843; Aug. 28.
Dresses. Jerome Frank & Co. 167,719; Jan. 9.
Dresses. L. Hirsch & Son. 182,245; Aug. 28.
Dresses. J. L. Hudson Co. 180,121; Aug. 28.
Dresses. Jack Levy, Inc. 173,136; June 12.
Dresses. A. H. Morgen. 176,751; May 29.
Dresses. A. H. Morgen. 176,753; May 29.
Dresses. S. Moses. 181,140–1; Sept. 11.
Dresses. S. Moses. 185,226–7; Nov. 6.
Dresses. Nickels Manufacturing Company. 169,179; Apr. 3.
Dresses. J. Ober. 166,848; May 22.
Dresses. C. H. Plumbridge. 186,070; Dec. 11.
Dresses. Schwartz-Singer Co. 170,219; Mar. 20.
Dresses. Shapero, Lewis & Co. 170,551; June 5.
Dresses. Marvin Shaw and Co. 170,995; May 15.
Dresses. Ullman-Jessel, Inc. 154,774; Oct. 30.
Dresses. H. E. Wolf. 173,803; June 5.
Dresses and aprons, House. Perfection Garment Company. 176,692; Aug. 7.
Dresses and aprons, House. Richardson Dry Goods Company. 173,301; May 29.
Dresses and aprons, Wash. John C. Michael Company. 177,313; July 10.
Dresses and frocks, Children's. L. B. Wilde. 167,666; Mar. 27.
Dresses and hosiery, Women's. Associated Merchandising Corporation. 172,194; Aug. 21.
Dresses and skirts, Ladies'. May & Loeb, Inc. 184,175; Oct. 30.
Dresses and suits. Solomon Mfg. Co. 178,006; Oct. 2.
Dresses and suits, Sport and outing. Solomon Mfg. Co. 180,946; Aug. 7.
Dresses and waists. Samuel M. Foster Company. 178,600; July 10.
Dresses and waists. Pollak Bros. Company. 175,211; July 10.
Dresses and waists, Women's. L. J. Margulies. 176,902; June 26.
Dresses, Apron. N. Simon & Co. 179,748; July 17.
Dresses, aprons, hosiery, etc. Milton G. Cooper Dry Goods Co. 180,844; Oct. 2.
Dresses, bath robes, aprons, negligees. Miller Brothers. 166,841; Sept. 18.
Dresses, bungalow aprons, bath robes, and kimonos, Ladies'. Hamburger Bros. 169,901; Feb. 13.
Dresses, capes, sport suits, outer skirts, etc. M. Kirschner & Sons. 176,742; May 22.
Dresses, Children's. B. Altman & Co. 184,051; Oct. 9.
Dresses, Children's. Martha Maid Manufacturing Company. 178,367; July 10.
Dresses, Children's, girls', and women's. I. Ginsberg & Bros. 170,626; May 15.
Dresses, coats, and blouses, Ladies'. R. Kirshbaum & Son, Inc. 169,957; May 8.
Dresses, coats, and suits. Schroeder & Worth. 159,820; Sept. 18.
Dresses, coats, and suits, Ladies'. S. Klein. 174,081; Aug. 7.
Dresses, coats, suits, waists, sweaters, hosiery, etc. M. Gerla & Son. 185,118; Dec. 18.
Dresses, corsets, tailored suits, etc., Misses' and girls'. Best & Co. 185,550; Dec. 4.
Dresses, costumes, and gowns. Dickes, Block and Abbey. 176,538; Aug. 14.
Dresses for ladies and misses. Bass & Gross. 181,238; Aug. 7.
Dresses for women. Tailored Woman, Inc. 177,148; Aug. 14.
Dresses, Girls'. J. Warshauer. 168,186; Jan. 9.
Dresses, gowns, suits, wraps, and coats. Jenny Lee Frocks Inc. 180,378; Aug. 14.
Dresses, gowns, waists, skirts, etc. Miracle Dress Co. 176,564; Nov. 27.
Dresses, Ladies'. L. Bernstein. 169,235; May 8.
Dresses, Ladies'. Lovinger-Schwartz Co. 179,414; July 10.
Dresses, Ladies' and children's. M. O'Callaghan. 169,180; Jan. 2.

Dresses, Ladies' and misses'. Jos. A. Morris & Co. 170,399; May 8.
Dresses, Ladies' and misses'. D. E. Perper. 182,835; Sept. 11.
Dresses, Ladies' and misses'. E. M. Thomas. 179,688; July 10.
Dresses, Misses'. Dolly Madison Dresses, Inc. 157,760; Aug. 21.
Dresses, rompers, caps, coats, and hats, Infants'. Sachs Bros. and Jalkut. 176,655; June 26.
Dresses, rompers, overslips, and petticoats, Infants' and children's. P. Rostold. 172,558; June 5.
Dresses, skirts, waists, etc. J. Garfinkle. 174,362; July 10.
Dresses, skirts, wraps, blouses. J. A. Migel, Inc. 180,485; Aug. 14.
Dresses, suits, waists, etc., Ladies', misses', and children's knitted. Bab, Inc. 176,532; Aug. 21.
Dresses, Tailor-made. Greenwald, Friedman & Co. 177,184; June 19.
Dresses, Textile cotton. Lancaster Mills. 172,747; Aug. 28.
Dresses, Women's. L. Bamberger & Co. 170,360; Oct. 2.
Dresses, Women's. L. Bamberger & Co. 170,361; May 22.
Dresses, Women's. I. Ginsberg & Bros. 172,671; May 22.
Dresses, Women's. Levy-Shulman & Co. 172,996; June 12.
Dresses, Women's and misses'. Mallas Cravis Co. 176,029; July 10.
Dresses, women's robes and gowns, suits, etc. A. & S. Levy Co. 172,001; July 3.
Dresses, Young girls'. G. Killfeather. 183,157; Sept. 25, 1923.
Dresses, Young ladies'. J. Philip Rosenbloom Co. 169,457; May 1.
Football boots of leather. Manfield and Sons, Limited. 173,935; Sept. 11.
Football pants and jackets, knit worsted union suits, football shoes, etc. James W. Brine Company. 172,579; June 19.
Footwear. Oppenheim, Collins & Company, New York, Inc. 173,001; Apr. 24.
Footwear, Sport. Sportmox Company. 177,413; Aug. 7.
Frocks. Newman, Marcus & Torchia. 178,455; July 10.
Frocks and aprons, House. Morgan-Anderson Company. 169,602; Feb. 20.
Fur coats, capes, etc. Feldbaum & Spiegel, Inc. 169,439; May 8.
Fur coats, capes, neckpieces, collars, and jackets. Elite Fur Shop, Inc. 183,447; Nov. 20.
Fur coats, capes, scarfs, etc. Jalkoff Bros. Inc. 178,505; Sept. 18.
Fur coats, capes, wraps, and stoles. I. A. Hessel. 170,485; Oct. 30.
Fur coats, Imitation-mink-. Agines Brothers. 163,728; Nov. 13.
Fur coats, scarfs, muffs, chokers, and dolmans. Philipsborn's Inc. 171,036; May 15.
Fur coats, Women's. Fried Engel & Company. 168,214; Jan. 9.
Fur coats, wraps, capes, and neck pieces. H. Uswald. 155,576; July 17.
Fur coats, wraps, scarfs, etc. Wells-Treister Co. 172,699; May 29.
Fur collars and cuffs. Edward Kolbert & Sons. 182,248; Oct. 2.
Fur garments. Brandenburg & Brandenburg. 160,993; Feb. 20.
Fur garments. F. L. Gould. 162,401; Feb. 20.
Fur garments. P. Richman. 162,349; Aug. 28.
Fur kerchief for women. Myriad Manufacturing Co. 178,269; Aug. 7.
Furs, Ladies'. Rosenberg Bros. 178,675; Aug. 14.
Furs, Manufactured. A. Jaeckel & Co. 182,097; Nov. 27.
Furnishings and clothing, Women's and misses'. Best & Co. 174,884; June 5.
Furnishings, Men's. M. Berg. 171,118; Mar. 6.
Gaiters. S. Rauh & Co. 166,099; Jan. 2.
Gaiters of leather, fabric, and combination. F. H. Tinson. 169,731; Apr. 3.
Garment composed of combination brassière and chemise. Vanity Fair Silk Mills. 166,420; May 1.
Garments, Boys' outer. J. J. Preis & Company. 172,490; May 22.
Garments, Children's semimade. W. T. Grant Company. 171,911; Aug. 28.
Garments for female wear, Outer. Horatio Simon & Co. 173,339; Aug. 28.
Garments, headwear, underwear, work, negligee, and dress shirts, and blouses, Outer. United Turkey Red Company. 162,787; May 22.
Garments, Knitted outer. Allandale Knitting Mills, Inc. 176,244; July 17.
Garments, Knitted outer. Hawley Knitting Mills, Inc. 172,221; July 10.
Garments, Ladies', misses', and children's ready-to-wear wash. B. F. Snyder. 170,957; Aug. 7.
Garments, Ladies' outer. Morris W. Haft & Bros. Inc. 183,064; Oct. 2.
Garments, Men's and boys' outer. H. B. Platt. 176,916; June 26.
Garments, Men's and young men's outer. Fruhauf Bros. & Co. 176,460; Aug. 7.
Garments or clothing, Men's outer. Diehl, Kane & Diehl Tailoring Co. 179,784; Dec. 18.
Garments, Outer. Shirek & Hirsch. 180,030; Dec. 11.
Garments, Outer and inner. Lane Bryant. 159,974; Oct. 23.
Garments, Outer and inner. Lane Bryant. 160,356; Oct. 23.
Garments, underwear, shirt waists, and bloomers, Sleeping. C. S. Steiner. 180,309; Sept. 4.
Garments used as clothing, Chest and body protecting. M. Kassler. 179,731; Oct. 30.
Garments, Women's. Pennsylvania Textile Mills, Inc. 181,862; Oct. 2.
Garters. A. F. Brandeau. 168,199–200; Jan. 9.
Garters. W. H. Johnson. 174,841; July 24.
Garters. A. M. Malouf. 179,618; Sept. 11.
Garters. President Suspender Company. 166,787; July 3.
Garters and arm bands. Sturm & Scheinberg. 148,822; Mar. 27.
Garters, belts, neckties, boudoir caps, etc. Western Fancy Goods Company. 171,561; Aug. 28.
Garters, belts, suspenders, etc. International Standard Exporting Corporation. 148,076; Dec. 4.
Garters, Men's. George Frost Company. 181,481; Dec. 25.
Garters, Men's. J. C. Penney Company. 166,710; Mar. 27.
Garters, waist belts, and suspenders. Knothe Brothers Co. 177,915; July 31.
Girdles, Athletic. C. E. Horton. 166,691; Jan. 2.
Girdles, corsets, and hip supporters. The Lay & Way Co. 175,502; Nov. 20.
Gloves. P. Centemeri & Co. 185,429; Dec. 11.
Gloves. P. Centemeri & Co. 185,436; Dec. 11.
Gloves. Wm. Filene's Sons Company. 182,337; Nov. 13.
Gloves. Wm. Filene's Sons Company. 182,470; Nov. 13.
Gloves. Julius Kayser & Co. 174,208; June 12.
Gloves. Lilienthal & Grossman, Inc. 176,352; Aug. 28.
Gloves. Pincus & Otto. 164,001; Aug. 14.
Gloves and mittens. Boss Manufacturing Company. 165,056; Dec. 11.
Gloves and mittens. Boss Manufacturing Company. 185,743; Dec. 11.
Gloves, Fabric. B. F. Montague Company. 181,084; Dec. 4.
Gloves, Fabric. V. Perrin & Cie. 170,539; Feb. 20.
Gloves, Fabric. S. & V. Company. 170,225; May 22.
Gloves, Fabric. Wimelbacher & Rice. 175,046; Sept. 11.
Gloves, Fabric and leather. S. Blechman & Sons, Inc. 160,278; Jan. 30.
Gloves, Fabric and skin. Wimelbacher & Rice. 151,775; Aug. 7.
Gloves, gauntlets, and mittens, Leather. Joseph N. Eisendrath Company. 173,466–8; Apr. 10.
Gloves, gauntlets, and mittens, Leather. Joseph N. Eisendrath Company. 173,469; July 24.
Gloves, gauntlets, and mittens, Leather. Joseph N. Eisendrath Company. 173,470; Apr. 10.
Gloves, gauntlets, and mittens, Leather. Joseph N. Eisendrath Company. 173,471; May 22.
Gloves, gauntlets, and mittens, Leather. Joseph N. Eisendrath Company. 173,472–3; Apr. 10.
Gloves, gauntlets, and mittens, Leather. Joseph N. Eisendrath Company. 173,474; July 24.
Gloves, gauntlets and mittens, Leather. Joseph N. Eisendrath Company. 173,475–6; Apr. 10.
Gloves, gauntlets, and mittens, Leather. Joseph N. Eisendrath Company. 173,477; July 24.
Gloves, gauntlets and mittens, Leather. Joseph N. Eisendrath Company. 173,478; Apr. 10, 1923.
Gloves, gauntlets, boy scout gauntlets, cuffs, etc. J. & D. Lehman Company. 178,618; Sept. 4.
Gloves, hosiery, and underwear, Fabric. S. I. Entwisle. 168,673; Feb. 13.
Gloves, hosiery, and underwear for children. A. W. Nack. 164,660–1; Feb. 13.
Gloves, hosiery and underwear, Leather and fabric. Montrose Glove Inc. 168,584; Feb. 6.
Gloves, Ladies' silk. Carson Pirie Scott & Co. 185,563; Dec. 11.
Gloves, Leather. California Glove Company. 181,337; Sept. 11.
Gloves, Leather. Elite Glove Co. 177,172; Sept. 11.
Gloves, Leather. James McCreery & Company. 167,847; Nov. 20.
Gloves, Leather. Reynier & Cie. 143,409; May 22.
Gloves, Men's leather. John Wanamaker, New York. 171,601–2; Apr. 10.
Gloves, pants, etc., Fabric and leather. L. C. Bush. 184,232; Nov. 6.
Gloves, underwear, and hosiery. P. Centemeri & Co. 185,414; Dec. 18.
Gloves, underwear and hosiery, Ladies'. Mohawk Glove Corporation. 154,280; Dec. 25.
Gowns, dresses, and costumes, Ladies'. Little Women Dress Co. 181,956; Aug. 28.
Gowns, Ladies' dressing. Goldman Costume Company. 155,342; Aug. 7.
Gowns, wraps, dresses, coats, etc., Ladies', women's, and misses'. Lousols Philadelphia. 168,901; Apr. 3.
Hatbands. F. T. Martinez & Sons. 183,452; Nov. 27.
Hat frames. Capitol Hat Frame Works. 170,807; Apr. 3.
Hat linings. E. Bouton. 145,430; June 19.

Hat linings. J. H. Rubinow. 181,699; Sept. 11.
Hat linings for ladies' hats. Chicago Mercantile Co. 154,679; May 8.
Hats. Crooks Brothers Millinery Company. 184,937; Dec. 25.
Hats. Dixie Maid Hat Company. 183,560; Nov. 27.
Hats. Dunlap & Co. 180,657; Sept. 11.
Hats. Dunlap & Co. 184,786; Nov. 27.
Hats. Geraldine Hat Co. 170,482; Nov. 27.
Hats. Hammell-Neuman Co. 164,435; May 15.
Hats. Hill and Loper Company. 158,842; May 22.
Hats. Knox Hat Company. 171,806; Apr. 24.
Hats. J. Land. 152,428; July 24.
Hats. A. Lanfranchi. 177,305; Sept. 11.
Hats. Mallory Hat Company. 156,653; May 8.
Hats. New England Panama Hat Co. 176,756; May 22.
Hats. R an W Hat Shop, Inc. 174,445; May 8.
Hats. Sternberger & Sheaman. 181,574; Nov. 13.
Hats and bonnets, Ladies'. Davidson Brothers Company. 178,895; July 31.
Hats and caps. M. Alperowitz & Son. 171,246; Feb. 20.
Hats and caps. Disney Hats. 171,299; Apr. 3.
Hats and caps. Fashion Hat Company. 179,298; Aug. 14.
Hats and caps. Fashion Hat Company. 179,299; Sept. 11.
Hats and caps. Charles S. Merton & Co. 164,716–17; Feb. 6.
Hats and caps. Nemo Hat Company. 181,535; Nov. 20.
Hats and caps. Nemo Hat Company. 181,536; Nov. 13.
Hats and caps. Perfection Cap Company. 172,349; May 1.
Hats and caps. H. Picard. 160,428–9; July 31.
Hats and caps. Rabiner Brothers. 178,670; Aug. 28.
Hats and caps. M. Rappaport. 171,468; May 8.
Hats and caps. Scranton Cap Manufacturing Company. 175,214; June 5.
Hats and caps. M. Simon & Son. 152,385; Mar. 20.
Hats and caps for men and boys. R. Baer. 179,645; Dec. 25.
Hats and caps for men and boys, Felt. John B. Stetson Company. 183,637; Dec. 25.
Hats and caps, Ladies', misses', and children's. Fashion Hat Company. 182,373; Sept. 25.
Hats and caps, Men's. Kassman & Kessner Inc. 174,663; June 26.
Hats and caps, Men's. Kassman & Kessner Inc. 184,943; Nov. 27.
Hats and caps, Men's. Young Hat Company. 175,375; May 8.
Hats and caps, Men's and boys'. Charles S. Merton & Co. 173,654; May 22.
Hats and caps, Men's and boys'. Charles S. Merton & Co. 173,778; Apr. 24.
Hats and caps, Men's and boys'. Rogers Peet Company. 169,084; Jan. 9.
Hats and caps, Men's felt, straw, cloth, and silk. Hanover-Hall Company. 174,389; Apr. 3.
Hats and shirts, Men's. L. Klein, Inc. 174,308; Sept. 11.
Hats, caps, and bonnets. Carson Pirie Scott & Co. 161,805; Jan. 2.
Hats, caps, and bonnets, Infants' and children's. J. Hildesheimer Co. 166,074; Mar. 6.
Hats, caps, and waists, Ladies'. S. A. Friedman. 172,669; Aug. 7.
Hats, caps, shirts, etc., Men's. Jordan Marsh Company. 169,490; Apr. 3.
Hats, caps, shirts, etc., Men's and boys'. W. J. Schult. 154,242; June 5.
Hats, caps, shoes, hose, etc. Alphen, Inc. 169,233; Jan. 9.
Hats, caps, tassels, and aprons. Military Order of The Cootie. 166,315; July 24.
Hats, dresses, wraps, etc. Maison Maurice, Inc. 186,481; Dec. 18.
Hats for men. William Carroll & Company. 182,533; Nov. 13.
Hats for men. M. S. Levy & Sons Inc. 181,490; Sept. 11.
Hats for men. L. Shafarman, Inc. 176,921; May 22.
Hats for men and boys. Bunnie Hat Co. Inc. 159,552; May 8.
Hats for women. C. T. Pidgeon Millinery Co. 175,103; May 22.
Hats for women. Julius Tofias & Bro. 165,898; May 29.
Hats, for women and children. Sunman & Hewson. 177,146; July 24.
Hats for women and misses. Cohn & Kaplan. 166,039; Mar. 6.
Hats, Ladies'. H. L. Distillator & Son. 177,727; July 31.
Hats, Ladies'. H. L. Distillator & Son. 179,785; Aug. 14.
Hats, Ladies'. H. L. Distillator & Son Inc. 186,221; Dec. 11.
Hats, Ladies'. Gage Brothers & Company. 167,124; Jan. 9.
Hats, Ladies'. Goldweb Hat Company. 176,541; May 22.
Hats, Ladies'. H. W. Jaediker. 177,300; July 3.
Hats, Ladies'. M. Kutz Company. 175,992; May 22.
Hats, Ladies'. Lowengart & Company. 184,208; Nov. 27.
Hats, Ladies'. J. R. Mermelstein. 171,025; Jan. 2.
Hats, Ladies'. P. Miller. 180,442; Nov. 13.
Hats, Ladies'. Radio Hat Co. 150,203; Jan. 16.
Hats, Ladies'. Simon Millinery Supply Co. 182,726; Nov. 27.
Hats, Ladies'. J. Trinner. 168,696; Jan. 30.
Hats, Ladies'. S. Whitman. 175,900; May 22.
Hats, Ladies' and children's. Ackerman & Rosenthal, Inc. 160,910; Sept. 18.
Hats, Ladies' and children's. Calyork Manufacturing Co. 177,328; Nov. 20.
Hats, Ladies' and children's. D. S. Wallerstein and Company. 184,010; Dec. 25.
Hats, Ladies' and misses'. Cohn & Kaplan. 183,908; Dec. 25.
Hats, Ladies' trimmed. H. Siegel. 180,399; Sept. 11.
Hats, Ladies' trimmed and tailored. London & Greenstein, Inc. 176,411. May 1.
Hats, Ladies' trimmed and tailored. E. Uhry. 167,276; Jan. 9.
Hats, Men's. G. B. Borsalino Fu Lazzaro & C. 163,136; Jan. 9.
Hats, Men's. Edw. P. Cunningham, Inc. 181,514; Sept. 11.
Hats, Men's. Gimbel Brothers, Incorporated. 166,944; Apr. 10.
Hats, Men's. Hutt & Wasserman, Inc. 172,837; Apr. 24.
Hats, Men's. Hutt & Wasserman. 176,418; June 12.
Hats, Men's. J. C. Penney Company. 176,759; May 22.
Hats, Men's. Weber and Heilbroner. 185,805; Dec. 11.
Hats, Men's and boys'. Greater N. Y. Hat & Cap Works. 166,229; Jan. 9.
Hats, Men's and women's. Davis-Pope Company Incorporated. 172,585; Mar. 27.
Hats, Men's straw and felt. Paragon Hat Company. 164,665; Jan. 9.
Hats, Men's winter. Parker-Bridget Company. 172,238; Apr. 24.
Hats, Misses' and children's. Consolidated Hat Co. 181,674; Sept. 11.
Hats, Misses' and children's. Garner Bros. 168,715; Jan. 30.
Hats, Misses' and children's. S. Millman & Son, Inc. 173,849; June 5.
Hats, Misses' and ladies'. C-R Millinery Co. 171,905; Apr. 10.
Hats, Straw. Caradine Harvest Hat Company. 168,999; May 29.
Hats, Straw. Endel & Peles. 175,476; May 22.
Hats, Sun. G. R. Green. 181,525; Nov. 13.
Hats, Women's. F. C. Morrison. 173,199; May 22.
Hats, Women's and children's. Eastern Hat & Cap Co. 165,670; Jan. 30.
Heel guards for shoes. Achilles Guard Company. 169,698; Mar. 6.
Heels, Shoe. C. H. Coulson. 172,262; Apr. 24.
Heels, soles, shoes, and top lifts. B. F. Chamberlin. 141,855–6; June 5.
Heels, Wood. Gray Wood Heel Co. 175,143; May 22.
Hose. D. J. Healy. 170,648; May 15.
Hose, Infants'. Hub Hosiery Mills. 179,730; July 24.
Hose, Men's. Parker-Bridget Company. 182,929; Oct. 16.
Hose supporters, corsets, girdles, and brassières, Ladies'. Treo Company. 166,417; Jan. 2.
Hose supporters, garters, belts, etc. Calhoun, Robbins & Co. 172,201; Apr. 24.
Hosiery. Alperson & Son. 164,018; Jan. 9.
Hosiery. Ambridge Knitting Company. 180,680; Sept. 18.
Hosiery. American Wholesale Corporation (Baltimore Bargain House). 170,613; May 15.
Hosiery. Anderson Hosiery Mills. 184,155; Oct. 16.
Hosiery. Apter Co. 184,577; Nov. 27.
Hosiery. M. Baum. 165,615; Jan. 2.
Hosiery. Bear Brand Hosiery Co. 175,461; June 12.
Hosiery. Bear Brand Hosiery Co. 176,319; Aug. 7.
Hosiery. Bear Brand Hosiery Co. 176,593–4; Oct. 9.
Hosiery. Bear Brand Hosiery Co. 176,595; June 26.
Hosiery. Bear Brand Hosiery Co. 181,165; Oct. 9.
Hosiery. W. A. Bearman. 181,973; Sept. 18.
Hosiery. Berendsen Silk Knitting Co. 179,646–7; Aug. 28.
Hosiery. Berendsen Silk Knitting Co. 179,648; Aug. 14.
Hosiery. C. F. Berg. 180,833; Oct. 2.
Hosiery. Berger Hosiery Company. 167,040; June 5.
Hosiery. Bethlehem Narrow Textiles Co. 187,194; Dec. 18.
Hosiery. J. H. Blaetz. 155,595; Apr. 3.
Hosiery. John Blood & Company. 183,817; Oct. 30.
Hosiery. J. C. Bossong. 167,765; Jan. 30.
Hosiery. J. C. Bossong. 181,170; Aug. 7.
Hosiery. Brager of Baltimore. 168,198; Mar. 20.
Hosiery. Brigham Company. 181,056; Aug. 7.
Hosiery. British International Corporation. 185,408; Nov. 6.
Hosiery. T. H. Brown. 175,978; Nov. 27.
Hosiery. Brownhill & Kramer. 180,837; Aug. 7.
Hosiery. Burson Knitting Company. 165,521; May 1.
Hosiery. Chester Knitting Mills. 166,171–2; Jan. 2.
Hosiery. Chester Knitting Mills. 166,173; Sept. 11.
Hosiery. Chester Knitting Mills. 174,654; July 10.
Hosiery. Chipman Knitting Mills. 177,359; July 10.
Hosiery. J. A. Clifford. 176,013; June 19.
Hosiery. Climax Hosiery Mills. 185,449; Dec. 4.
Hosiery. Cliver-Wright-Rainey Co. 182,134; Aug. 28.
Hosiery. Colony Hosiery Mills. 153,923; May 8.
Hosiery. Concordia Silk Hosiery Company. 171,752; Sept. 18.

Hosiery. Concordia Silk Hosiery Company. 172,519–20; May 22.
Hosiery. Concordia Silk Hosiery Company. 172,521–2; June 5.
Hosiery. Concordia Silk Hosiery Company. 172,523; June 19.
Hosiery. Corticelli Silk Company. 184,385; Oct. 16.
Hosiery. E. Crutcher. 178,958; July 10.
Hosiery. J. A. Custer. 178,227; July 10.
Hosiery. Daisy Whitehead Knitting Co. 175,826; June 19.
Hosiery. Dalton Hosiery Mills. 176,720; July 10.
Hosiery. Dalton Hosiery Mills. 177,832; July 31.
Hosiery. Dayton Hosiery Mills. 172,524; June 12.
Hosiery. Dayton Company. 182,335; Sept. 4.
Hosiery. Detroit Hosiery Company. 177,964; Dec. 4.
Hosiery. Diamond Bros. 183,366; Sept. 25.
Hosiery. Dormer Brothers Company. 184,068; Oct. 9.
Hosiery. Dreifus, Eckstein & King, Inc. 169,475; Feb. 20.
Hosiery. Dreifus, Eckstein & King, Inc. 172,935; May 22.
Hosiery. Dyx Hosiery Co. 165,021; Feb. 13.
Hosiery. Earle Textile Company. 173,351; June 26.
Hosiery. Elizabeth City Hosiery Co. 176,888; Aug. 14.
Hosiery. Emery & Beers Company. 171,122; Oct. 30.
Hosiery. Equity Hosiery Mills. 179,592; July 10.
Hosiery. Everstyle Hosiery Co. 180,999; Aug. 7.
Hosiery. Fay Hosiery Mills, Incorporated. 171,989; June 26.
Hosiery. Finery Hosiery Corporation. 177,434; July 24.
Hosiery. Gerson & Breyer. 176,174; June 19.
Hosiery. Gerson & Breyer. 177,374; July 24.
Hosiery. John M. Given Company. 180,660; Sept. 18.
Hosiery. John M. Given Company. 180,699; Sept. 18.
Hosiery. C. H. Goepel, jr. 178,719; Sept. 11.
Hosiery. C. H. Goepel, jr. 183,110; Oct. 2.
Hosiery. S. A. Goldberg. 170,375; May 8.
Hosiery. Greenebaum, Weil & Michels. 169,590; May 8.
Hosiery. Greenwald Brothers Incorporated. 157,032; June 26.
Hosiery. E. Grobel. 172,876; Aug. 7.
Hosiery. F. V. Gutman Corp. 179,531; Aug. 14.
Hosiery. John W. Hadfield Co. 179,791; Oct. 9.
Hosiery. Hale Bros., Inc. 164,703; Nov. 6.
Hosiery. Hanes Hosiery Mills Co. 185,220; Nov. 6.
Hosiery. Hanes Hosiery Mills Company. 185,458; Dec. 4.
Hosiery. Harrington & Waring. 181,277; Oct. 16.
Hosiery. Hayward Hosiery Company. 171,914; May 22.
Hosiery. A. L. Horst. 176,547; July 17.
Hosiery. A. C. Hulse, jr. 174,080; June 5.
Hosiery. Idolite Hosiery Mills, Inc. 171,218; May 15.
Hosiery. Indian Queen Silk Co. 169,303; Jan. 9.
Hosiery. Ipswich Mills. 172,334; Sept. 18.
Hosiery. C. Iskowitz. 183,525; Sept. 25.
Hosiery. Jacob & Schey. 175,357; July 10.
Hosiery. Kimloch Hosiery Mills. 169,956; Feb. 13.
Hosiery. H. C. F. Koch & Co. 177,389; Sept. 11.
Hosiery. Krueger-Tobin Co. 175,087; June 5.
Hosiery. Laskin-Swatt Co. 170,144; Feb. 20.
Hosiery. Lehigh Silk Hosiery Mills, Inc. 164,927; Nov. 27.
Hosiery. Ben Levene Inc. 184,865; Nov. 27.
Hosiery. Levinson & Shapiro. 159,802; Nov. 20.
Hosiery. R. B. Lewis. 183,306; Sept. 25.
Hosiery. J. H. Lyon & Co. 182,597; Sept. 4.
Hosiery. Margolis Yelen Kaiser Co. Inc. 155,231; Mar. 20.
Hosiery. Marshall Field & Company. 181,269; Oct. 16.
Hosiery. Massachusetts Knitting Mills. 163,162; Jan. 2.
Hosiery. D. B. May. 178,562; Sept. 18.
Hosiery. May Hosiery Mills. 173,843; May 29.
Hosiery. May Hosiery Mills, Inc. 180,544; Oct. 16.
Hosiery. McCallum Hosiery Co. 186,562; Dec. 4.
Hosiery. E. D. Merikle. 172,757; May 22.
Hosiery. Miller Brothers Company. 179,158; July 10.
Hosiery. Milo Silk Hosiery Mills. 173,973; May 29.
Hosiery. Moorhead Knitting Company. 174,404; June 5.
Hosiery. Benjamin Moseley Co. 168,543; Jan. 30.
Hosiery. New Haven Knitting Mills. 183,883; Oct. 30.
Hosiery. New York Merchandise Company. 182,604; Sept. 4.
Hosiery. L. E. Nicholson. 176,275; June 19.
Hosiery. Noe-Equl Hosiery Mills, Inc. 170,690; May 15.
Hosiery. Norristown Hosiery Mills. 169,983; Feb. 13.
Hosiery. Notaseme Hosiery Co. 173,104; Sept. 25.
Hosiery. Paramount Knitting Company. 172,292; Nov. 20.
Hosiery. Paramount Knitting Company. 172,650; Aug. 28.
Hosiery. Phillips & Hart. 173,297; May 29.
Hosiery. Thomas G. Plant Company. 181,958; Sept. 18
Hosiery. Platt's. 163,170; Apr. 10.
Hosiery. Dr. A. Posner Shoes, Inc. 149,772; May 8.
Hosiery. Powell Knitting Company. 166,245; Jan. 30.
Hosiery. Powell Knitting Company. 166,246; Jan. 9.
Hosiery. Powell Knitting Company. 166,247; Feb. 20.
Hosiery. Powell Knitting Company. 166,248; May 8.
Hosiery. Powell Knitting Company. 166,250; June 19.
Hosiery. Powell Knitting Company. 166,252; Jan. 30.
Hosiery. Powell Knitting Company. 166,254; Jan. 30.
Hosiery. Powell Knitting Company. 168,237; May 8.
Hosiery. Read Hosiery Mills. 168,788; May 8.
Hosiery. Real Silk Hosiery Mills. 157,535; May 8.
Hosiery. Rice-Stix Dry Goods Company. 175,567; June 12.
Hosiery. Richmond Hosiery Mills. 154,760; May 22.
Hosiery. Richmond Hosiery Mills. 176,571; Sept. 18.
Hosiery. Richmond Hosiery Mills. 182,838; Sept. 11.
Hosiery. Ritter Hosiery Company. 183,669; Sept. 25.
Hosiery. Robischon Corporation. 179,557; July 10.
Hosiery. Rock Strong Hosiery Co. 165,158; Mar. 20.
Hosiery Scot Knit Hosiery Co. 169,652; Nov. 13.
Hosiery. Scot Knit Hosiery Company. 177,053; Aug. 21.
Hosiery. Shurfit Hosiery Company. 180,195; Oct. 23.
Hosiery. F. Simmons. 162,647; Nov. 20.
Hosiery. Simons & Struve Hosiery Co. 166,961; Jan. 9.
Hosiery. W. J. Smyth. 177,113; Nov. 13.
Hosiery. Stamper & Kaiser. 177,630; July 10.
Hosiery. Stocking Shops of America, Inc. 171,669; Aug. 28.
Hosiery. Tex-Craft Company. 179,974; Aug. 28.
Hosiery. Thieme Brothers Company. 180,632; Sept. 11.
Hosiery. Toewear Hosiery Incorporated. 148,774; May 8.
Hosiery. E. M. Townsend & Co. 172,132; Aug. 7.
Hosiery. Triumph Hosiery Mills Inc. 185,543; Nov. 27.
Hosiery. United Hosiery Mills Corporation. 169,428; June 5.
Hosiery. United Hosiery Mills Corporation. 175,971; Oct. 2.
Hosiery. United Hosiery Mills Corporation. 176,861; June 19.
Hosiery. United Mills Company. 181,325; Aug. 7.
Hosiery. W. C. Van Brunt. 154,422; Mar. 6.
Hosiery. Van Raalte Company. 179,835; Aug. 28.
Hosiery. William Vernon's Sons & Co. 172,788; May 22.
Hosiery. Vertex Hosiery Mills, Inc. 183,352; Sept. 25.
Hosiery. A. V. Victorius & Co. 185,944; Dec. 4.
Hosiery. Vixen, Inc. 167,061; Jan. 9.
Hosiery. J. P. Voorhees. 178,314; July 10.
Hosiery. D. Wallach. 176,772; June 19.
Hosiery. Wallach & Mayer, Inc. 168,442; Jan. 30.
Hosiery. Weiler & Pendleton. 174,049; Nov. 6.
Hosiery. George Wills and Sons, Ltd. 163,722. Apr. 3.
Hosiery. Wilson Brothers. 135,121; July 17.
Hosiery. A. A. Wuest. 181,800; Aug. 28.
Hosiery. Wyman, Partridge & Co. 176,206; June 19.
Hosiery. Young Inventions Inc. 167,750; Oct. 23.
Hosiery and garters. Howard Hose and Garter Mfg. Co. 175,557; July 10.
Hosiery and knit goods. P. Raguet Fils & J. Vignes. 172,957–8; May 22.
Hosiery and knitted underwear. Theo. S. Buerger & Son. 180,960; Oct. 30.
Hosiery and knitted underwear. Campe Corporation. 181,109; Sept. 18.
Hosiery and knitted underwear. Geo. English, Jr., & Co. 180,847; Aug. 7.
Hosiery and knitted underwear. Realsilk Fabrics Corporation. 170,308; May 8.
Hosiery and men's and women's knitted underwear. J. A. Kronovet. 165,959; Jan. 2.
Hosiery and men's crochet and knitted neckwear. Federal Knitting Company. 173,762; June 26.
Hosiery and men's knitted and textile underwear. W. R. Grace & Co. 171,270; June 26.
Hosiery and silk underwear. T. J. Mulcahy. 181,302; Aug. 7.
Hosiery and sweaters, scarfs, caps, bootees, and knit sets. A. B. Frank Company. 170,634; June 19.
Hosiery and undershirts. Forns & Pla. 184,662; Nov. 13.
Hosiery and underwear. Davenport Brothers. 166,295; May 8.
Hosiery and underwear. I. Mannesovitch, jr. 165,803; Jan. 9.
Hosiery and underwear. S. Quint. 164,667; May 1.
Hosiery and underwear. Rubinowitz Bros. 182,266; Oct. 2.
Hosiery and underwear, Knitted and textile. I. M. Mirsky & Son. 170,591; June 5.
Hosiery and underwear of knitted and textile fabric. Colter & Bernie. 171,152; June 19.
Hosiery and underwear, Silk. F. Robison. 179,166; July 10.
Hosiery, boots and shoes, overalls, and rompers. Sherman & Lebair, Incorporated. 174,492; Sept. 18.
Hosiery, Boys' and girls'. A. A. Wuest. 177,419; July 10.
Hosiery, Children's. "Onyx" Hosiery Inc. 182,670; Oct. 2.
Hosiery, coats, gloves, suits, etc. H. Schneider. 172,960; Aug. 7.
Hosiery for men. Athens Hosiery Mills. 168,289; Jan. 9.
Hosiery for men and women. W. R. Wetherhold. 173,062; June 5.
Hosiery, gloves, underwear. E. Lefl. 160,016; July 17.
Hosiery, knitted underwear, and gloves. John H. Hibben Dry Goods Co. 181,395; Oct. 23.
Hosiery, knitted underwear, gloves, mittens, gauntlets. John E. Hurst & Co. 173,327; May 29.
Hosiery, Ladies'. Kajowill Mills. 173,049; May 22.
Hosiery, Ladies'. Ben Levene Inc. 173,395; June 26.
Hosiery, Ladies'. Marshall Field & Company. 166,058; Jan. 30.
Hosiery, Ladies' silk. J. Blumenthal. 169,276; Feb. 13.
Hosiery, Ladies' silk. R. M. Watkins. 184,880; Nov. 6.

Hosiery, Men's. H. W. Anthony. 171,522; Aug. 7.
Hosiery, Men's. Newman & Co. 185,492; Dec. 4.
Hosiery, Men's and women's. Miller Brothers Company. 184,980; Dec. 11.
Hosiery, Misses'. Athens Hosiery Mills. 176,530; Sept. 4.
Hosiery, scarfs, neckties, and mufflers. Nickels & Lauber, Inc. 169,071; Jan. 30.
Hosiery, sleeping garments, bibs, and aprons. Fred A. Wish, Incorporated. 180,642; July 24.
Hosiery, socks, and stockings. Campe-Davis-Blair Co. 180,747; Sept. 18.
Hosiery, Sporting. D. Kirsch. 159,093; Feb. 27.
Hosiery supporters. Kondo Novelty Co. 170,201; Apr. 3.
Hosiery, suspenders, garters, underwear, etc. B. Cohn. 169,949; June 26.
Hosiery, sweaters, and knitted underwear. A. H. Wittenberg. 178,321; July 10.
Hosiery, underwear. H. O. Grassmuck Co. 180,760; Oct. 2.
Hosiery, underwear, and outer garments. May Hosiery Mills, Inc. 170,589; June 26.
Hosiery, underwear, and shirts. Williams-Richardson Company. 149,881; Aug. 7.
Hosiery, underwear, and sweaters. M. Solomon. 170,099; Mar. 20.
Hosiery, underwear, and sweaters. A. Thompson Co. 172,779–85; May 22.
Hosiery, underwear, corsets, brassières, etc., Ladies' misses', and children's. A. I. Straus. 169,879; May 15.
Hosiery, underwear, garters, sweaters, coats, etc. M. G. Molina. 179,480; Aug. 7.
Hosiery, underwear, sweater coats, shirts. Morris, Sloan, Morris & Co. 182,601; Oct. 2.
Hosiery, underwear, sweaters. Weber Levy Company. 179,759; Aug. 28.
Hosiery, underwear, sweaters, and neckties. Red Mill Hosiery Company. 182,770; Oct. 16.
Hosiery, underwear, sweaters, etc. Miller Brothers Company. 166,145; Feb. 6.
Hosiery, underwear, sweaters, gloves, and mittens. E. Heathcote. 176,465; July 17.
Hosiery, Women's. Marshall Field & Company. 158,115; Apr. 24.
Hosiery, Women's silk. Cohen Company. 180,271; July 24.
Insoles, Leather. J. G. Curtis Leather Company. 174,074; May 22.
Kimonos, bath robes, etc. Joseph Bros. 175,398; July 10.
Kimonos, breakfast gowns, etc. Barsa Corporation. 178,021; July 10.
Knickerbockers. Morris Hoffman Company. 170,192; Feb. 20.
Knickerbockers. Solomon Mfg. Co. 167,333; Sept. 11.
Knickerbockers and sport riding and golf trousers. Max B. Brummer & Son, Inc. 169,947; Feb. 20.
Knickerbockers or bloomers. Kenilworth Manufacturing Co. 170,887; June 26.
Knit and woven underwear. Maline Mills Company. 182,252; Oct. 9.
Knit sweaters. D. Starr. 169,141; May 29.
Knit sweaters and sweater coats, vests, etc. L & L Knit Goods Mfr's. Ass'n. of Greater New York, Inc. 182,592; Sept. 4.
Knit underwear, Children's. J. H. Semel & Co. 163,653; Apr. 10.
Knit underwear, Ladies'. California Underwear and Hosiery Mills. 169,616; Feb. 20.
Knit underwear, Ladies'. California Underwear and Hosiery Mills. 169,618; May 8.
Knit underwear, Ladies'. California Underwear and Hosiery Mills. 169,619; May 1.
Knitted and nainsook underwear and sweaters. O. L. Stanard Dry Goods Co. 178,412; Aug. 28.
Knitted and textile bathing suits. Manchester Knitting Mills, Inc. 174,844; June 5.
Knitted and textile undergarments, Women's. The Fair. 164,881; Mar. 20.
Knitted and textile underwear. Manny-Rielly Co. 177,135; Aug. 28.
Knitted bathing suits. Milton G. Cooper Dry Goods Co. 182,137; Aug. 28.
Knitted bathing suits, sweaters, and slip-ons. Atlas Knitting Mills, Inc. 184,060; Oct. 30.
Knitted bathing suits, sweaters, jackets, and scarfs. S. L. Gilbert & Co. 184,241; Oct. 16.
Knitted caps. Bamberger Reinthal Co. 151,864; May 8.
Knitted caps. Broadway Knitting Mills. 165,984; Jan. 9.
Knitted coats. Ely & Walker Dry Goods Company. 178,096; Sept. 11.
Knitted coats for outer wear, Men's. Alcone Knitting Mills. 150,427; Jan. 16.
Knitted coats, jackets, and sweaters. J. S. Ellis. 175,076; June 26.
Knitted garments. Cloverleaf Knitting Mills Inc. 184,067; Dec. 18.
Knitted garments. S. J. Sager Company. 156,934; Sept. 18.
Knitted goods. F. Block. 169,528; Mar. 20.
Knitted jackets, coats, sweaters, and golf stockings. A. Bergman. 179,923; Aug. 28.
Knitted outer garments. Halpern & Kalb, Inc. 170,186; May 1.
Knitted outer wear. Yund, Kennedy & Yund. 168,657; Feb. 13.
Knitted outer wear. Yund, Kennedy & Yund. 168,658; Jan. 23.
Knitted scarfs and bow ties. Franklin Knitting Mills, Inc. 175,238; June 5.
Knitted sweaters. Gotham Knitting Mills. 170,064; Mar. 20.
Knitted sweaters. Quaker City Sweater Mills. 163,648; Jan. 2.
Knitted sweaters, caps, gloves, socks, etc. Olympia Knitting Mills, Inc. 153,616; Jan. 30.
Knitted sweaters, mufflers, golf hose, and bathing suits. J. Forstadt. 172,831; Aug. 7.
Knitted sweaters, scarfs, and ties. Atlas Sweater Mills, Inc. 168,506; June 19.
Knitted sweaters, sport coats, and knitted toques, etc. Meyer-Wise & Kaichen Company. 177,045; Aug. 28.
Knitted underwear, hosiery, and neckties. Keedy, Pfaff & Co. 182,754; Oct. 16.
Knitted underwear, Ladies'. R. A. Reiff. 176,216; June 19.
Knitted underwear, sweaters, and bathing suits. American Wholesale Corporation (Baltimore Bargain House). 172,817; June 5.
Knitted wear. D. Ballantyne Brothers & Company. 175,053; June 26.
Knitted wear. A. L. Wallau. 173,018–9; June 19.
Knitted wear for infants and children. Regal Knitting Company. 172,293; Aug. 7.
Lingerie gymnazium bloomers, and underwear. Jean Garment Company. 165,382; May 1.
Men's wearing apparel. Askin & Marine Company. 148,860–2; Nov. 27.
Middies, smocks, and children's dresses. Trojan Middy Co. 176,582; June 19.
Neckbands. Phillips-Jones Corporation. 167,782; Jan. 9.
Neckties. Berkson & Modjeska. 184,231; Nov. 6.
Neckties. Grip Bow Tie Company. 173,353; June 19.
Neckties. Guest Neckwear Co. 159,461; Aug. 14.
Neckties. James McCurrach & Brother. 186,655; Dec. 11.
Neckties. Meyer, Bacharach & Friedheim. 174,183; July 24.
Neckties. Meyer, Bacharach & Friedheim. 174,184; Sept. 11.
Neckties. A. Morar. 182,925; Sept. 11.
Neckties. A. Schreter. 169,331; Mar. 20.
Neckties. A. Schreter. 186,804; Dec. 11.
Neckties. C. Seidman. 183,763; Sept. 25.
Neckties. Stern, Merritt Co. 175,893–4; July 10.
Neckties. Weisbaum Bros.-Leininger Company. 179,632; July 10.
Neckties. B. Weisberg. 174,502; June 5.
Neckties. I. D. Wolfson, Inc. 171,005; June 5.
Neckties, cravats, and scarfs. Franc-Strohmenger & Cowan, Inc. 183,105; Sept. 11.
Neckties, cravats, and scarfs. Frank & Meyer Neckwear Co. 168,465; Sept. 18.
Neckties, cravats, scarfs, hats, caps. The Collegian. 148,973; Apr. 3.
Neckties, Men's. Ely & Walker Dry Goods Company. 184,440; Nov. 20.
Neckties, Men's. Parker-Bridget Company. 169,818; May 29.
Neckties, scarfs, and sweaters. A. A. Kahil. 177,492; July 31.
Neckwear, mufflers, sweaters, etc. T. E. Resnick. 176,761; Oct. 30.
Nightgowns. L. H. Clark Mfg. Co. 169,891; May 1.
Overall or combination suits, One-piece. H. Lemoine. 167,644; Feb. 13.
Overalls. Alabama Overall Company. 167,504; Jan. 2.
Overalls. Cleveland Overall Company. 172,212; May 29.
Overalls. Kaynee Company. 126,222; May 1.
Overalls. J. C. Penney Company. 183,405; Nov. 6.
Overalls. Shamrock Overall Mfg. Co. 171,710; June 26.
Overalls and coats. King Lockwood Co. 182,827; Oct. 2.
Overalls and overall coats. Doe River Overall Company. 176,608; Aug. 28.
Overalls and work jackets. J. C. Penney Company. 182,483; Nov. 27.
Overalls, coats, pants, jumpers, etc. Ironall Factories Co. 164,707; July 3.
Overalls, jackets, work shirts, etc. Jefferson Manufacturing Company. 149,753; Nov. 6.
Overalls, jumpers, shirts, etc. Rummel, Himes & Co. 183,410; Oct. 30.
Overalls, men's work clothing. Wilhoite, Evans & Cohn Inc. 184,882; No. 20.
Overalls, one-piece suits, and play suits. Higginbotham-Bailey-Logan Company. 170,246; Mar. 20.
Overalls, pants, shirts. Oklahoma Garment Manufacturing Company. 149,348; Mar. 13.
Overalls, pants, working shirts. Horace L. Allen Mfg. Co. 175,591; Aug. 7.
Overalls, shirts, jumpers, coats, and pants. Keet & Roundtree Dry Goods Co. 182,975; Oct. 16.
Overalls, shirts, pants or trousers, coats, etc. Robt. Krause Co. 171,701; May 29.

Overalls, shirts, underwear, and pyjamas. King Overall Co. 183,388; Oct. 30.
Overalls, trousers, and work shirts. Atlantic Overall & Shirt Co. 173,992; June 5.
Overalls, work jackets, trousers, and shirts. Burlington Overall Manufacturing Company. 162,373; Feb. 13.
Overalls, work shirts, and combination work suits. Hauser Garrison Dry Goods Co. 180,215; Aug. 14.
Overalls, work shirts, coats, vests, and pants. A. C. Barrow & Company. 163,966; May 22.
Overcoats. R. H. Macy & Co. 186,146; Dec. 11.
Overcoats. Meigs & Co. 179,376; July 10.
Overcoats. Rhodes & Ripley Clothing Company. 173,724; June 26.
Overcoats and suits. Fruhauf Bros. & Co. 176,736; Aug. 14.
Overcoats and suits. L. & M. System Clothes, Inc. 179,733; Oct. 9.
Overcoats and suits. Nicholson's Raincoat Co. Limited. 172,006; Nov. 13.
Overcoats and suits, Men's. Daniel Boone Woolen Mills, Inc. 167,162; Jan. 9.
Overcoats and suits, Men's. Wollner & Smith. 177,060; Aug. 14.
Overcoats and suits, Men's and boys'. L. Baeffsky. 157,910; Aug. 7.
Overcoats and suits, Men's and boys'. Rogers Peet Company. 183,231; Oct. 9.
Overcoats and suits, Young men's. Aaron Mintz & Sons, Inc. 181,138; Oct. 30.
Overcoats and topcoats. Hickey-Freeman Co. 177,377; July 17.
Overcoats and topcoats. Hickey-Freeman Co. 177,378; Nov. 6.
Overcoats, coats, vests, trousers. Zurkow & Graff. 181,664; Oct. 16.
Overcoats, raincoats, house coats, etc. Heidelberg, Wolff & Co. 179,722; July 17.
Overcoats, raincoats, smoking jackets, etc. Heidelberg, Wolff & Co. 179,723; Aug. 28.
Overcoats, raincoats, smoking jackets, etc. Heidelberg, Wolff & Co. 179,727–8; Sept. 11.
Overcoats, raincoats, sport suits, etc. Heidelberg, Wolff & Co. 179,724; Oct. 16.
Overcoats, raincoats, suit coats, suits, vests, and trousers, Men's and youths'. Alta Clothing Company. 181,234; Aug. 7.
Overcoats, raincoats, vests, trousers, etc. Style-Center Tailoring Company. 175,831; Aug. 28.
Overcoats, smoking jackets, golf suits, etc. Heidelberg, Wolff & Co. 179,726; Oct. 16.
Overcoats, suits, caps, shirts, etc., Men's. Wilson & Glenny, Ltd. 159,909; Feb. 27.
Overcoats, suits, coats, and pants, Men's and boys'. Samuel Spitz & Sons, Inc. 157,695; Mar. 20.
Overcoats, trousers, and suits, Men's. I. & S. Bing Company. 167,068; Feb. 20.
Pants, Baby. Brooklyn Shield & Rubber Company. 172,027; May 22.
Pants, coats, vests, and men's outer garments for summer wear. David Halpern and Greenberg. 165,020; Feb. 6.
Pants, jackets, overalls, etc. Babcock & Shannon Co. 168,870; May 8.
Pants, Khaki, corduroy, and worsted. N. Rothman. 167,019; June 19.
Pants, khaki pants, work shirts, and overalls, Cotton. Greenberg-Kantor Company. 168,033; Jan. 30.
Pants, Men's. M. I. Reinhertz. 171,957; June 12.
Pants, Norfolk jackets, coats, and vests. Sweet-Orr & Co. 174,221; July 3.
Pants, overalls, etc., Men's working. Standard Tent & Awning Company. 174,943; July 10.
Pants, vests, coats, work shirts, hiking breeches. M. Liberman. 170,940; May 15.
Petticoat. E. M. McRae. 135,972; Feb. 6.
Petticoat underdrawer. A. L. Vilander. 174,949; Mar. 13.
Petticoats and bloomers. Carson Pirie Scott & Company. 180,587; July 24.
Play suits. L. Schwartz. 185,382; Oct. 30.
Pumps, Hempen. N. Adot y Hno. 182,952; Nov. 27.
Puttees, Leather. Williams Manufacturing Company. 181,799; Sept. 11.
Pyjamas. Friedman & Friedman. 159,354; Oct. 23.
Pyjamas. Lester G. Steppacher Co. 168,861; Jan. 2.
Pyjamas. M. Wilber Dyer Company. 179,463; July 10.
Pyjamas and nightshirts. American Wholesale Corporation. 128,994; Oct. 16.
Pyjamas, Children's and youths' one-piece. Kaynee Company. 126,219; Feb. 13.
Pyjamas, nightshirts, night coats, beach coats, gymnasium coats, etc. Rice-Stix Dry Goods Company. 168,802; Feb. 6.
Pyjamas, shirts, nightshirts, and men's robes. Knothe Brothers Co. 171,422; July 3.
Raincoats. Gillette Rubber Company. 165,950; Apr. 3.
Raincoats. New York Mackintosh Clothing Company. 167,734; Oct. 16.
Raincoats and rainproof men's and children's clothing. Louis N. Cohen & Co. 173,564; June 26.
Raincoats and topcoats. C. B. Shane Co. 175,110; June 5.
Raincoats, rain articles, etc. Standard Oiled Clothing Co. 173,733; June 26.
Rainproof garments. New York Mackintosh Clothing Company. 179,420; Aug. 14.
Robes, dressing gowns, smoking jackets and negligees, Bath and lounging. Fischer-Jelinko Inc. 183,143; Sept. 25.
Robes, Men's. Lewis-Wise Co. 179,873; July 17.
Rompers and play garments, Children's. Kaynee Company. 126,221; May 1.
Rompers, wash suits, dresses, etc. J. Schwartz. 167,151; Aug. 7.
Rubber and canvas footwear. Servus Rubber Company. 180,453; Nov. 20.
Rubber and oiled coats and jackets. Goodyear Rubber Co. 158,612; Jan. 30.
Rubber and oiled coats and jackets. Goodyear Rubber Co. 158,613; Feb. 20.
Rubber aprons. Oberndorfer Company. 164,185; May 1.
Rubber baby pants. J. J. Beyerle Mfg. Co. 156,679; Jan. 30.
Rubber boots and shoes. Hood Rubber Company. 175,145; June 26.
Rubber boots and shoes. La Crosse Rubber Mills Co. 170,489; Apr. 3.
Rubber boots and shoes. La Crosse Rubber Mills Co. 170,492; Feb. 27.
Rubber boots and shoes. La Crosse Rubber Mills Co. 171,370; Dec. 4.
Rubber boots and shoes and arctic overshoes. Goodyear Rubber Company. 176,337; July 10.
Rubber boots and shoes and arctic overshoes. Goodyear Rubber Company. 176,338; Apr. 17.
Rubber boots and shoes, rubber overshoes, etc. Hood Rubber Company. 176,344; Apr. 24.
Rubber boots, shoes, overshoes, and rubber-soled canvas shoes. Hood Rubber Company. 179,470; Aug. 14.
Rubber boots, shoes, overshoes, etc. Hood Rubber Company. 179,040; Sept. 11.
Rubber heels. Armstrong Cork Company. 159,828; Apr. 3.
Rubber heels. Eclipse Shoe Manufacturing Company. 169,706; Feb. 27.
Rubber heels. Holtite Manufacturing Company. 178,845; Nov. 13.
Rubber heels. Lynch Heel Company. 161,490; Feb. 27.
Rubber heels. McWade Tire and Rubber Company. 175,878; May 22.
Rubber heels. Panther Rubber Manufacturing Company. 173,780; Nov. 20.
Rubber heels. Schacht Rubber Mfg. Co. 187,229; Dec. 25.
Rubber heels. Taunton Rubber Company. 171,969; Mar. 27.
Rubber heels. Tee Pee Rubber Company. 169,372; Apr. 3.
Rubber heels. United States Rubber Company. 171,880; July 31.
Rubber heels. Wedge Heel & Rubber Co. 170,916; July 31.
Rubber heels and arch cushions. Flexo Manufacturing Company. 181,018; Sept. 11.
Rubber heels and soles, rubbers, overshoes, and rubber shoes. Alfred Hale Rubber Company. 169,953; Mar. 20.
Rubber heels for shoes. B. R. Barva. 164,578; Sept. 18.
Rubber heels for shoes. Beaman & Parrott. 175,332; May 1.
Rubber heels for shoes. Holtite Manufacturing Company. 178,844; Aug. 28.
Rubber heels, rubber soled and heeled shoes, and leather shoes. La Crosse Rubber Mills Co. 177,850; Nov. 13.
Rubber or analogous material for heels. Pietzuch Wonder Arch Guide Heel Company. 143,996; Sept. 18.
Rubber or composition heels and soles for boots and shoes. Goodyear Tire & Rubber Company. 170,934; Jan. 23.
Rubber outsoles, heels, insoles, and half soles. Clark Rubber Mfg. Co. 179,715; Sept. 4.
Rubber soles and heels. Panther Rubber Manufacturing Company. 183,539; Nov. 27.
Sandals of leather and textile material, Women's. H. E. Adams. 176,705–8; Apr. 24.
Scarfs, cravats, and neckties. Levy & Marcus. 184,083; Oct. 30.
Scarfs, neckties, cravats, and reefers. C. Stern & Mayer, Inc. 179,439; Aug. 7.
Scarfs, neckties, cravats, reefers. C. Stern & Mayer, Inc. 179,436–7; Aug. 7.
Shirt for sports wear and athletic training, jackets, mackinaws, etc. Heavy outer. Wright's Underwear Company. 156,424; Jan. 30.
Shirts. Agra Shirt Co. 179,126; Aug. 14.
Shirts. Columbia Shirt Company. 180,788–9; Sept. 11.
Shirts. A. Goldstein. 166,682; Feb. 6.
Shirts. A. Hartman. 175,866–8; July 10.
Shirts. Kingly Shirt Co. 169,363; May 8.
Shirts. S. Liebovitz & Sons, Inc. 184,287; Oct. 30.
Shirts. Jacob Miller's Sons Co. 181,039; Sept. 11.
Shirts. Padin Brothers. 176,688; Oct. 16.
Shirts. S & S Shirt Company. 147,217; May 1.
Shirts. Tutelman & Kohn. 186,258; Dec. 18.
Shirts. Wallcraft Shirt Co. 178,646; Aug. 28.
Shirts and blouses, Boys'. C. P. Gordon. 185,455–6; Dec. 4.
Shirts and boys' blouses, Men's and boys'. Salant & Salant, Inc. 179,821; Sept. 18.

Shirts and boys' shirts and blouses. Louis Diamond Co. 180,922; Sept. 11.
Shirts and collars. Hall, Hartwell & Co. 136,707; Jan. 9.
Shirts and collars. Hall, Hartwell & Co. 158,393; Jan. 23.
Shirts and collars and cuffs. R. M. Moody. 160,423; Jan. 9.
Shirts and children's blouses and play suits, Men's and boys' work. Nottage Company. 179,422; Oct. 2.
Shirts and garters. Washington Manufacturing Co. 164,620; Feb. 13.
Shirts and men's underwear, Men's and boys' dress. Chesterfield Shirt Company. 184,019; Dec. 11.
Shirts and overalls, Work. Washington Manufacturing Co. 179,502; July 10.
Shirts and pants, Men's and boys' work and flannel. Rouse, Hempstone & Co. 158,451; July 17.
Shirts and pyjamas. Pine Tree Shirt Co. 176,034; Aug. 14.
Shirts and underwear. Mincey Manufacturing Company. 180,982; Sept. 18.
Shirts, blouses, and pyjamas. Phillips-Jones Corporation. 183,122; Sept. 11.
Shirts, blouses, and sweaters. J. M. Crysler Co. 168,207; Jan. 9.
Shirts, boys' blouses and play suits, Men's and boys' work. Reliance Manufacturing Company. 165,506; Jan. 9.
Shirts, boys' blouses, and pyjamas. Phillips-Jones Corporation. 183,121; Nov. 27.
Shirts, Boys', men's, and work. Mohawk Shirt Co. 166,893; Feb. 20.
Shirts, boys' waists and blouses, etc., Men's and boys' work and dress. Bob & Baskind. 183,356; Oct. 30.
Shirts, collars, blouses, etc., Negligee. William Hollins & Co. 161,005; Sept. 18.
Shirts, collars, cravats, pyjamas, etc. Grosner, Milich Company. 180,700; Nov. 27.
Shirts, collars, cuffs, pyjamas, and nightshirts. Phillips-Jones Corporation. 167,781; Jan. 23.
Shirts, collars, pyjamas, and nightshirts. Phillips-Jones Corporation. 169,033; Mar. 20.
Shirts, collars, pyjamas, etc., Men's and boys'. H. Berger. 180,205; Dec. 18.
Shirts, collars, pyjamas, night wear, etc., Dress and negligee. Excello Shirt Co. 164,699; Mar 20.
Shirts, collars, underwear, etc. Wallach Bros. 169,569; Sept. 18.
Shirts, drawers, and union suits, hosiery, etc. A. F. Huebner. 174,079; Aug. 7.
Shirts, drawers, pyjamas, etc. G. F. Lester. 175,727; Aug. 7.
Shirts, Dress. George P. Ide & Company. 166,832; Nov. 27.
Shirts, Dress. C. R. Miller Mfg. Co. 172,115; Aug. 28.
Shirts, Dress. J. D. Silberstein & Sons, Inc 175,441–2; Aug. 28.
Shirts, Dress. D. Tenenbaum. 172,131; Dec. 25.
Shirts, Dress and negligee. Stetson Shirt Co. 179,834; Oct. 2.
Shirts, Dress and top. Apollo Shirt Company. 176,869; Sept. 18.
Shirts, Dress, negligee, and plaited. Robert Treat Shirt Manufacturing Co. 166,584; Jan. 2.
Shirts, Dress, negligee, and work. Tuxedo Shirt Co. 173,944; June 19.
Shirts for men, Outer, negligee, and work. Jacob Gerhardt & Company. 172,670; June 5.
Shirts, Infants'. Lumb Knitting Company. 156,496; Oct. 23.
Shirts, jerseys, and sweaters. Draper-Maynard Company. 170,632; Aug. 7.
Shirts, Men's. Fessenden Shirt Co. 171,491; July 17.
Shirts, Men's. W. T. Grant Company. 180,472; Sept. 11.
Shirts, Men's. Milk & Kass. 177,449; Aug. 14.
Shirts, Men's. Oriole Shirt Manufacturing Corporation. 183,160; Sept. 25.
Shirts, Men's. Tuxedo Shirt Co. 174,679; July 31.
Shirts, Men's. Watts, Ritter and Company. 175,116; Aug. 7.
Shirts, Men's and boys'. H. Berger. 163,566; Jan. 9.
Shirts, Men's and boys'. H. Berger. 177,763; July 31.
Shirts, Men's and boys' dress. Lanchester Shirt Co. Inc. 169,717; May 8.
Shirts, Men's and boys' dress and negligee. Excello Skirt Co. 165,363; Jan. 30.
Shirts, Men's and boys' work. Landauer & Co. 184,552; Nov. 13.
Shirts, Men's and boys' work. Reliance Manufacturing Company. 167,268; Jan. 9.
Shirts, Men's dress. Belcraft Shirt Company. 166,872; Jan. 2.
Shirts, Men's dress. M. Rabinow. 184,516; Nov. 6.
Shirts, Men's dress and negligee. M. Kolber. 178,926–7; Aug. 28.
Shirts, Men's dress and negligee. Textile Shirt Company. 179,239; July 10.
Shirts, Men's dress, negligee, and work. H. Trachtenberg. 170,226; May 22.
Shirts, Men's work. Reliance Manufacturing Company. 174,753; July 10.
Shirts, Men's work. Reliance Manufacturing Company. 174,754; Nov. 20.
Shirts, Men's, youths', and boys'. Levi Strauss & Co. 153,477; July 3.
Shirts, Neckbands for men's. C. W. Lifschitz. 159,400; May 8.
Shirts, Neckbands for men's. C. W. Lifschitz. 166,627; Mar. 20.
Shirts, neckwear, underwear, etc. Schuster Company. 149,779; Aug. 14.
Shirts, nightgowns, and pyjamas. Carleton Dry Goods Company. 180,585; July 24.
Shirts, nightshirts, and pyjamas, Men's dress and negligee. G. D. Grosner. 173,419; June 19.
Shirts, nightshirts, pyjamas, and boys' blouses. Phillips-Jones Corporation. 173,145; May 22.
Shirts, Outer dress. George P. Ide & Company. 166,831; Dec. 4.
Shirts, overalls, garment supporters, Work and dress. Washington Manufacturing Co. 164,619; Jan. 2.
Shirts, overalls, pants, jackets, etc. Martin Brothers Company. 154,611½; Sept. 18.
Shirts, pants, overalls, and coats for men and children. Johnson & Company. 164,808; June 5.
Shirts, pyjamas, and underwear, Men's dress and negligee. Wilson Brothers. 170,320; May 8.
Shirts, pyjamas, hosiery, etc. Southern California Dry Goods Company. 178,634; Aug. 7.
Shirts, pyjamas, nightshirts. Tauber, Lipton & Company. 173,612; July 10.
Shirts, pyjamas, underwear, etc. S. J. Koblenzer. 179,153; July 24.
Shirts, Silk. H. S. Rochelle. 176,572; Nov. 20.
Shirts, trousers, and jackets, Women's. M. Phillips. 157,581; Apr. 24.
Shirts, trousers, and overalls, Work. Blue Ridge Manufacturing Company. 177,822; Dec. 11.
Shirts, trousers, and overalls, Work. Blue Ridge Manufacturing Company. 177,824; Dec. 11.
Shirts, underwear, etc., Men's and boys' work, dress, and sport. Bob & Baskind. 168,572; May 1.
Shirts, vests, pants, etc. Levi Strauss & Co. 179,563; Aug. 14.
Shirts, Women's. M. E. Smith & Co. 173,986; Aug. 14.
Shirts, Work. Carter Dry Goods Co. 172,511; May 22.
Shirts, Work. H. B. Ferguson Co. 173,270½; Oct. 30.
Shirts, Work. Finch, Van Slyck & McConville. 183,368; Dec. 11.
Shirts, Work. Finch, Van Slyck & McConville. 183,369; Oct. 30.
Shirts, Work. Max Goldberg & Co. 186,748; Dec. 11.
Shirts, Work. Jay Garment Company. 172,839; June 5.
Shirts, Work. Rombro Brothers. 183,633; Oct. 16.
Shirts, Work. Western Shirt Company. 177,156; Aug. 7.
Shirts, Work. Worthy Manufacturing Company. 184,313; Oct. 16.
Shirts, Work and negligee. M. Fine & Sons. 182,656; Oct. 23.
Shirts, Work and negligee. Wyman, Partridge & Co 181,550; Aug. 7.
Shirts, Workingmen's. M. H. Cowen Manufacturing Company. 168,452; Dec. 18.
Shirts, Youths' dress, negligee, and work. Kaynee Company. 126,223; Feb. 13.
Shoe findings. P. Fernandez. 171,794; May 8.
Shoes. T. D. Barry Company. 168,193–4; Jan. 2.
Shoes. Geo. J. Bertman Shoe Co. 177,422; Nov. 13.
Shoes. Boyd-Welsh Shoe Company. 175,542; May 22.
Shoes. Bradford Shoe Company. 168,197; Jan. 2.
Shoes. A. E. Brown Shoe Co. 149,261; Jan. 9.
Shoes. Brown Shoe Company. 170,178; Feb. 27.
Shoes. Brown Shoe Company. 179,180; Sept. 11.
Shoes. Cammeyer. 178,327–8; Aug. 28.
Shoes. Carson Pirie Scott & Co. 180,586; Nov. 13.
Shoes. Craddock-Terry Co. 177,278; Aug. 7.
Shoes. Curtis & Jones Company 171,414; Apr. 10.
Shoes. F. G. Delbon. 181,591; Nov. 13.
Shoes. Egan-Dryfoos Distributing Co. 172,526; Dec. 25.
Shoes. Fiebrich-Fox-Hilker Shoe Company. 173,480–1; Apr. 3.
Shoes. Field & Flint Co. 175,717–8; June 5.
Shoes. P. Goldsmith Sons Company. 184,284; Nov. 27.
Shoes. L. E. Grossman, Inc. 171,637; May 8.
Shoes. Hannabsons Shoe Company. 180,930; Nov. 13.
Shoes. Harrisburg Shoe Mfg. Co. 174,390; Sept. 18.
Shoes. Harper & Kirschten Shoe Co. 168,527; Aug. 7.
Shoes. J. P. Hartray Shoe Co. 173,491; May 1.
Shoes. Hofheimer Brothers Company. 183,626; Dec. 11.
Shoes. J. L. Hudson Company. 167,917; June 12.
Shoes. Hurley Shoe Co. 168,844; Apr. 24.
Shoes. Hurley Shoe Co. 181,487; Nov. 13.
Shoes. Hurley Shoe Company. 175,355; May 22.
Shoes. Hutzler Brothers Co. 177,848; Aug. 28.
Shoes. Thomas Janney Company. 175,903; May 22.
Shoes. Jelly-Delaney Shoe Co. 156,330; Feb. 27.
Shoes. London Shoe Co. 172,948; Apr. 24.
Shoes. Lord & Taylor. 176,486; July 17.
Shoes. Lunn & Sweet Incorporated. 182,594–6; Nov. 13.
Shoes. Majestic Shoe Company. 176,412; July 17.
Shoes. Melville Shoe Corporation. 169,406; Apr. 10.
Shoes. Melville Shoe Corporation. 171,704; Apr. 10.
Shoes. Melville Shoe Corporation. 173,575; May 8.
Shoes. Niagara Shoe Company. 171,029; July 3.

Classified list of trade-mark titles—Continued.

Shoes. M. A. Packard Company. 171,865; Mar. 20.
Shoes. M. S. Perelstine. 167,893; Dec. 4.
Shoes. A. E. Pitts Shoe Co. 172,435–8; June 5.
Shoes. Portage Shoe Mfg. Company. 173,530; May 1.
Shoes. E. P. Reed & Co. 180,553–4; Sept. 4.
Shoes. Blon F. Reynolds Company. 169,730; Apr. 10.
Shoes. Rubin Shoe Co. 164,515; Feb. 27.
Shoes. Sachs Shoe Manufacturing Company. 170,993; May 29.
Shoes. Robt. J. Sadler Shoe Co. 174,978; July 17.
Shoes. L. D. Stickles Shoe Co. 173,449; June 26.
Shoes. Strawbridge & Clothier. 162,208; Jan. 2.
Shoes. John F. Travers Shoe Co. 173,734; May 8.
Shoes. Vaughan-Towle Co. 176,300; Apr. 24.
Shoes. Wall, Streeter & Doyle Co. 184,807; Nov. 27.
Shoes. M. Wyman. 175,449; May 29.
Shoes and boots, Leather. F. P. Kirkendall & Co. 170,488; Mar. 20.
Shoes and leather soles for shoes. Indian Head Shoe Co. 164,502; Nov. 13.
Shoes and parts thereof. A. J. Bates Company. 181,472; Nov. 13.
Shoes and slippers. B-B Shoe Company. 171,891; Mar. 20.
Shoes and slippers. Milady Shoe Company. 168,979; Jan. 2.
Shoes and storm rubbers, Leather. O. Fuhrman, Inc. 170,741; June 5.
Shoes, boots, and slippers. Apel-Schneider Co. 169,667; Mar. 6.
Shoes, boots, slippers. G. L. Greenfield. 153,349; Mar. 6.
Shoes, Children's. Cammeyer. 182,650; Dec. 25.
Shoes, Children's leather. Wood & Smith, Inc. 179,077; Aug. 28.
Shoes, Dress and sport. Whitehouse & Hardy, Inc. 171,972; Apr. 10.
Shoes, insoles, and outer soles. Allen-Spiegel Shoe Mfg. Co. 171,519; Apr. 10.
Shoes, Ladies'. Foster Ryan Shoe Co. 180,974; Nov. 13.
Shoes, Ladies'. Jacobs & Thatcher Co. 138,498; Nov. 13.
Shoes, Leather. T. D. Barry Company. 173,460; Apr. 3.
Shoes, Leather. C. C. Blake, Incorporated. 181,877; Sept. 11.
Shoes, Leather. Cammeyer. 170,272; Feb. 27.
Shoes, Leather. Cammeyer. 179,710; Nov. 13.
Shoes, Leather. Dugan & Hudson Co. 175,599; July 10.
Shoes, Leather. Edmonds Shoe Company. 174,514; Apr. 17.
Shoes, Leather. Endicott Johnson Corporation. 152,791; June 5.
Shoes, Leather. Endicott-Johnson Corporation. 168,520; Jan. 9.
Shoes, Leather. Foundation Sales Corporation. 169,353; Feb. 20.
Shoes, Leather. International Shoe Company. 179,471; Aug. 14.
Shoes, Leather. H. M. Johnson Company. 169,485; Mar. 20.
Shoes, Leather. Kannally-Wick Corporation. 178,391; Nov. 13.
Shoes, Leather. J. F. Kolkebeck. 175,723; July 3.
Shoes, Leather. London Shoe Co. 169,170; Jan. 2.
Shoes, Leather. F. Mayer Boot & Shoe Co. 170,206; Mar. 6.
Shoes, Leather. F. Mayer Boot & Shoe Co. 186,653; Dec. 25.
Shoes, Leather. John Meier Shoe Company. 158,722; Apr. 24.
Shoes, Leather. Melanson Shoe Company. 175,259; Apr. 17.
Shoes, Leather. Melville Shoe Corporation. 182,000; Sept. 18.
Shoes, Leather. Menihan Company. 158,787–8; Apr. 24.
Shoes, Leather. R. C. Milow Shoe Co. 173,713; May 22.
Shoes, Leather. Pincus & Tobias Inc. 184,917; Nov. 27.
Shoes, Leather. Porter-Seitz Shoe Stores Company. 180,671; Nov. 20.
Shoes, Leather. E. P. Reed & Co. 174,527; May 22.
Shoes, Leather. E. P. Reed & Co. 175,164; May 22.
Shoes, Leather. Rosenwasser Bros. 164,071; Dec. 4.
Shoes, Leather. Rubin Shoe Co. 164,994; Mar. 6.
Shoes, Leather and fabric. L. L. Kann. 173,426; Apr. 3.
Shoes made of leather. Lederer & Latz. 170,655; Apr. 3.
Shoes, Misses', boys', and children's. Jordan Marsh Company. 158,237; Jan. 2.
Shoes, Nurses'. Morgan Shoe Company. 176,801; July 31.
Shoes of leather. Buckingham & Hecht. 164,020; Jan. 9.
Shoes of leather, Men's. International Shoe Company. 183,297; Nov. 27.
Shoes of leather, Men's. International Shoe Company. 183,298; Dec. 4.
Shoes, oxfords, pumps, and slippers, Welt and turn. Elkin Turn Shoe Company. 167,804; Feb. 27.
Shoes, rubbers, overshoes, etc. Richards & Brennan Co. 167,011; Mar. 27.
Shoes, slippers, and boots. I. Miller & Sons, Inc. 182,001; Nov. 13.
Shoes, slippers, and cloth spats. Rubin Bros. Foot-Wear. 169,826; Apr. 3.
Shoes, slippers, and cloth spats. Rubin Bros. Foot-Wear. 169,827; Mar. 6.
Shoes, slippers, and spats. Rubin Brothers. 172,559; May 22.
Shoes, Women's. L. Bernstein. 170,862; Jan. 23.
Shoes, Women's. Craddock Terry Company. 171,906; Apr. 24.
Shoes, Women's. Julius Grossman, Inc. 173,490; May 22.
Shoes, Women's leather. International Shoe Company. 184,970; Nov. 27.
Skating sets, Boys'. R. H. Macy & Co. 172,844; May 22.
Skirts. S. Kanner. 174,662; Oct. 16.
Skirts, Outer. Florabelle Dressmakers, Inc. 171,310; July 17.
Skirts, princess slips, combination corset cover and skirt, etc., Knit. E. L. Marshall. 157,385; Nov. 27.
Sleeve protectors. Baker-Lockwood Mfg. Co. 166,871; Dec. 18.
Slippers. Lind Shoe and Slipper Company. 181,642; Sept. 18.
Slippers and shoes, dresses, suits, etc., Crocheted and knitted. Bernhard Ulmann Co. 184,699; Nov. 13.
Slippers, Felt. United States Rubber Company. 177,753; Sept. 18.
Slippers made wholly or in part of felt. Lucille Felt Slipper Co. 156,007; Feb. 27.
Slips, Children's. E. H. Horwood & Co. 171,994; Nov. 13.
Socks for boots and shoes. Thornley and Booth Limited. 174,643; June 19.
Socks, stockings, and hosiery. Floradel Knitting Mills Inc. 172,798; Sept. 18.
Soles and heels and boots and shoes, Slipper. T. Sarson. 147,684; Feb. 6.
Soles, half soles, and heels made of rubber and composition. Bailey Rubber Heel Company. 171,608; Mar. 20.
Soles of leather, Cut. Barbour Welting Company. 175,054; May 22.
Sport clothes for women. Del Monte-Rickey. 174,202; July 10.
Sport goods. Spa Knitting Co. 180,816; Aug. 7.
Stockings. Brooklyn Hosiery Mills, Inc. 169,573; May 22.
Stockings. Donemar Incorporated. 184,542; Nov. 6.
Stockings. Mavis Hosiery Company. 184,034; Oct. 9.
Stockings and hosiery, Women's and girls'. Campe-Davis-Blair Co. 175,462; June 12.
Stockings and socks. John M. Haley & Co. 179,938; Aug. 28.
Stockings, Boys'. D. Salwen & Co. 174,338; June 5.
Storm protecting covering. Ombrelo, Inc. 165,757; Feb. 6.
Suits. S. Goodman. 173,416; June 26.
Suits. Strawbridge & Clothier. 180,151; Aug. 28.
Suits and coats for boys, dresses, rompers, and creepers for children. N. N. Greenberg. 165,789; Jan. 9.
Suits and coats, Ladies'. Cohen, Friedlander & Martin Co. 152,003; Jan. 2.
Suits and coats, Ladies'. Cohn-Goodman Co. 179,852; Sept. 11.
Suits and coats, Ladies' sport. Parker-Bridget Company. 159,720; May 1.
Suits and coats, Men's, boys', and children's. Mark Brothers. 150,365; Jan. 9.
Suits and dresses, Children's. M. C. Bragonier. 155,336; Jan. 2.
Suits and girls' dresses, Boys'. B. Rubinsky. 174,262; Sept. 11.
Suits and hosiery, Union. West Branch Knitting Company. 170,455; June 5.
Suits and overcoats. Scholderer & Aug, Inc. 174,979; July 10.
Suits and overcoats. J. Wishnevitz. 179,251; Oct. 16.
Suits and overcoats, Boys'. Winning, Rattner Co. 185,396; Nov. 20.
Suits and overcoats for children and men. Bettmann-Kleinhauser Clothing Company. 183,792; Nov. 20.
Suits and overcoats, Men's. Barron, Anderson Co. 184,708; Nov. 6.
Suits and overcoats, Men's. Famous Tailors Corporation. 165,491; Dec. 4.
Suits and overcoats, Men's. Southern Clothing Company. 167,026; Jan. 9.
Suits and overcoats, Men's and boys'. M. Owens. 168,547; Feb. 6.
Suits and overcoats, Men's and boys'. The Fair. 152,124; May 1.
Suits and overcoats, Men's ready-made. L. Shapiro. 163,117; Apr. 3.
Suits and overcoats, Men's ready-made. L. Shapiro. 177,626–7; July 10.
Suits and overcoats, Young men's. Philipsborn's, Inc. 175,155; Aug. 7.
Suits and topcoats. Bestmake Boys Clothing Co. 171,199; June 19.
Suits and topcoats, Boys'. Kids Nobby Klothes, Inc. 160,067; Feb. 27.
Suits and topcoats, Men's and young men's. Mintz & Friedman. 169,455; May 1.
Suits and topcoats, Men's and young men's. Stern Clothing Co. 167,851; May 1.
Suits and wash suits, and boys' knickerbockers, blouses, and shirts, Children's play. J. H. C. Petersen's Sons Company. 153,367; Jan. 2.
Suits, Athletic union. Catamount Manufacturing Co. 177,831; Aug. 14.
Suits, Boys'. Crippen & Reid. 183,198; Oct. 9.

Suits, Boys'. Little Buddy Suit Company. 181,082; Sept. 11.
Suits, Boys'. Parker-Bridget Company. 171,508; July 10.
Suits, Boys'. J. Warshauer. 168,185; Jan. 9.
Suits, Boys' and children's outer-wear. J. S. Hoffman. 182,970; Dec. 4.
Suits, Boys' camp. Samuel D. Karp, Inc. 164,501; Mar. 20.
Suits, Boys' sailor. Alexander Linsk & Company. 159,157; May 8.
Suits, Children's. W. Hecht. 162,816; Mar. 27.
Suits, Children's play. Buxton Garment Mfg. Co. 170,002; Jan. 30.
Suits, Children's wash and play. Young Folks M'f'g. Co. 164,528; June 19.
Suits, cloaks, overcoats, hats, caps, shoes, etc. Chas. V. Parker Co. 148,549; May 8.
Suits, coats, and dresses, Ladies'. N. Brody & Co. 169,527; Mar. 20.
Suits, coats, dresses, furs, etc., Ladies' and misses'. Cincinnati Cloak & Suit Company. 169,948; May 8.
Suits, coats, dresses, skirts, and waists, Ladies'. M. E. Darrish. 168,959; Jan. 30.
Suits, coats, trousers, etc., Men's. National Shirt Shops, Inc. 177,194; July 10.
Suits, dresses, coats, and underwear. Wilh. Bleyle, G. m. b. H. 179,292; Nov. 6.
Suits for boys and girls, and knickers and outing suits for men and women. Delaware Garment Company. 185,364; Nov. 20.
Suits for boys, Outer play. Kiddyall Manufacturing Company. 184,863; Nov. 13.
Suits for men and boys, Outer. J. Jamison. 172,335; June 5.
Suits, Infants'. William Greilich & Sons, Inc. 178,098; Nov. 27.
Suits, jackets, coats, trousers, vests, and knickerbockers, Men's. J. David. 180,591; July 24.
Suits, jackets, raincoats, etc. J. David. 174,894; July 10.
Suits, knickerbockers, and topcoats, Boys', students', young men's, and men's. Lazarus, Goldberg & Friedman, Inc. 170,775; May 22.
Suits, knickerbockers, coats, and caps for children, Combination outer. Zeno Company. 180,257; Aug. 14.
Suits, Men's. Weber & Heilbroner. 182,690; Sept. 4.
Suits, Men's and young men's. J. L. Hudson Co. 171,846; July 17.
Suits, Men's and young men's. Leitchfield Clothing Co. 169,639; Mar. 20.
Suits, Men's and young men's outer. A. B. Kirschbaum Company. 182,709; Dec. 11.
Suits, Men's and young men's serge. B. Mandel's Sons. 168,539; Mar. 20.
Suits, Men's mohair. American Summer Clo. Co. 170,553; June 5.
Suits, negligee shirts, and underwear, Boys' outer. Playboy Wearables, Inc. 168,690; May 1.
Suits, Outer. C. E. Reith. 172,122; May 29.
Suits, overcoats, and hats, Men's and boys'. L. Klein, Inc. 174,309; July 17.
Suits, overcoats, and raincoats, Men's, boys', and children's. Wallerstein Bros. 182,686; Oct. 16.
Suits, overcoats, etc., Men's. Chester Clothes, Inc. 138,003; Feb. 6.
Suits, overcoats, nightshirts, shirts, etc., Boys'. A. Letts. 111,114; May 15.
Suits, overcoats, sheepskin coats, pants, etc. I. I. Marrus. 177,310; Sept. 18.
Suits, overcoats, sweaters, hats, and caps, Boys'. J. Samuels and Brother, Incorporated. 174,411; Oct. 16.
Suits, overcoats, trousers, etc. Daniel Boone Woolen Mills, Inc. 180,685; Sept. 11.
Suits, overcoats, vests, trousers, Men's and boys'. S. & B. Summer Clothing Co. 171,189; May 15.
Suits, pants, vests, and coats, Men's. Haspel Brothers. 181,746; Oct. 30.
Suits, sack suits, overcoats, waistcoats, etc. Heidelberg, Wolff & Co. 183,743; Oct. 30.
Suits, skirts, blouses, jacquettes, etc. Lord & Taylor. 181,409; Nov. 20.
Suits, sweaters, sport vests, and coats, caps, and mufflers. Kling Bros. & Co. Inc. 159,209; Mar. 20.
Suits, topcoats, and ulsters, Men's. H. H. Cooper & Co. 174,560; July 10.
Suits, topcoats, pants, etc., Men's, young men's, and boys' outer. Majestic Clothing Company. 181,431; July 17.
Suits, trousers, coats, topcoats, etc. Morris Levy Clothing Co. 172,340; June 5.
Suits, Union. I. Waldorf. 170,511; June 19.
Suits, Women's. L. Bamberger & Co. 160,483; Sept. 11.
Supporters, Garment. R. J. Watts. 160,841; Feb. 6.
Suspenders. A. Stein & Company. 172,129; Mar. 20.
Suspenders, arm bands, and men's belts. Marshall Field & Company. 165,942; Nov. 27.
Suspenders, belts, and garters. I. Wechsler. 157,704; May 22.
Sweater coats. Cadet Knitting Company. 180,417; July 24.
Sweater coats. Cadet Knitting Company. 180,652; Sept. 4.
Sweater coats. Waymart Knitting Mill. 178,199; July 10.
Sweater coats, jerseys, bathing suits, and scarfs. Los Angeles Knitting Company. 174,967–8; Dec. 18.
Sweater coats, knitted caps, woolen hosiery, etc. Hercules Knitting Co. 180,120; Oct. 2.
Sweaters. I. Berger. 181,719; Nov. 20.
Sweaters. Ely & Walker Dry Goods Company. 177,283; June 26.
Sweaters. Ely & Walker Dry Goods Company. 177,284; June 19.
Sweaters. Manhattan Knitting Mills, Inc. 175,431; June 12.
Sweaters. Benjamin Moseley Co. 169,220; Jan. 9.
Sweaters. Neuman & Silver. 175,511; Aug. 21.
Sweaters. Palm Knitting Co. 153,771–3; May 15.
Sweaters. Quaker City Sweater Mills. 163,647; Aug. 28.
Sweaters. Quaker City Sweater Mills. 163,649; Aug. 28.
Sweaters and bathing suits. C. Franklin. 180,117. Oct. 2.
Sweaters and dress skirts, Knitted. Knitwear Manufacturing Co. 157,431; July 3.
Sweaters and scarfs. Kaufman-Rohrlich Knitting Mills, Inc. 169,308; May 1.
Sweaters and scarfs. Kaufman-Rohrlich Knitting Mills, Inc. 183,836; Oct. 30.
Sweaters and sport coats. J. H. Cohen. 175,851; June 19.
Sweaters and sweater coats. Rex Knitting Co. 176,570; June 19.
Sweaters and vests, Knitted. B. R. Baker Co. 175,376; Dec. 18.
Sweaters, bathing suits, mufflers, etc. Wonder-Knit Mills. 183,810; Sept. 25.
Sweaters, bathing suits, scarfs, caps, etc., Knitted. Standard Knitting Mills. 181,424; Sept. 18.
Sweaters, Boys' and men's. Greater Manhattan Knitting Mills, Inc. 162,545; Sept. 4.
Sweaters, cardigan jackets, bathing suits. Appel-Hall. 184,054; Oct. 9.
Sweaters, cardigan jackets, scarfs, bathing suits, etc. Korn Bros. 185,342; Nov. 20.
Sweaters, dresses, bathing suits, mufflers, knitted gloves, stockings, etc. Mengart Knitting Mills. 175,149; June 26.
Sweaters, dresses, scarfs. William A. Leib Co. 176,744; Aug. 14.
Sweaters, knit coats, and bathing suits. Hatheway & Reynolds. 185,658; Dec. 4.
Sweaters, rib sport coats, bathing suits, etc. James W. Brine Company. 178,708; Aug. 14.
Sweaters, scarfs, bathing suits, etc. Puritan Knitting Mills. 177,690; Oct. 16.
Sweaters, scarfs, knitted suits, and dresses, etc. Gotham Knitting Mills. 173,233; May 22.
Sweaters, scarfs, outer shirts and vests, shawls, etc. F. E. Strohmeier. 169,092; Feb. 13.
Sweaters, sweater coats, jackets, vests, etc. J. Hilborn. 181,565; Sept. 25.
Sweaters, union suits, shirts, etc. International Dry Goods Co. 182,753; Oct. 23.
Ties and cravats. Friedman Bros. & Sons Neckwear Co. 176,402; Aug. 21.
Ties and cravats. Friedman Bros. & Sons Neckwear Co. 181,271; Sept. 18.
Ties, cravats. Friedman Bros. & Son Neckwear Co. 177,290; Aug. 7.
Ties, cravats. Friedman Bros. & Sons Neckwear Co. 183,144; Oct. 9.
Ties, cravats. Friedman Bros. & Sons Neckwear Co. 185,290; Nov. 20.
Ties, Men's. Holland Knitting Co. 182,586; Sept. 4.
Ties, shirts, suits, shoes, sweaters, etc. H. P. King Company. 184,615; Nov. 27.
Topcoats. Edward Krieger & Company. 167,526; Jan. 30.
Topcoats and overcoats. Piper & Salerno Co. 185,229; Nov. 20.
Topcoats, raincoats, overcoats, and suits for men and boys. Alligator Oil Clothing Company. 172,853; Aug. 14.
Trousers. Polo Manufacturing Company. 182,113; Aug. 28.
Trousers. Standard Manufacturing Company. 154,335; May 22.
Trousers, Men's. Hollander-Lewis Co. 174,447; Aug. 21.
Trousers, overalls, shirts. Lee Brothers Company. 172,603; Aug. 7.
Trousers, overalls, shirts, etc. New Castle Notion Company. 181,905; Oct. 2.
Undergarments. Jacob Miller's Sons Co. 172,004; July 3.
Undergarments and nightgowns. Worth While Garment Co. 184,701; Nov. 20.
Undergarments, Children's. Kaynee Company, 126,220; Feb. 13.
Undergarments, for women and children, Silk. Lande & Miskend. 169,364; Jan. 23.
Undergarments, house and lounging robes, pyjamas. F. F. Muller. 163,281; Mar. 6.
Undergarments, Ladies'. Bu-Ti-Maid Petticoat & Pettipants Co. 169,051; Jan. 2.
Undergarments of textile fabric. A. Stein & Company. 165,218; Jan. 30.
Undergarments, Women's. H. B. Hoffman. 175,195; July 10.

Undergarments, Women's cotton. A. Gussow. 180,928–9; Aug. 14.
Undergarments, Women's fitted. Warner Brothers Company. 174,046; May 8.
Undergarments, Women's fitted. Warner Brothers Company. 184,371; Dec. 25.
Undergarments, Woven silk. Hughes & Bradley Co. 175,450; Oct. 2.
Undershirts, underdrawers, and union suits. John K. Stewart & Sons. 177,633; Aug. 7.
Undershirts, underdrawers, and union suits. Tryon Mills of Vermont. 177,930; Aug. 14.
Undershirts, underdrawers, and union suits, Men's. Tryon Mills of Vermont. 177,636; Aug. 7.
Undervests, corset covers, and brassières, Ladies'. Benjamin & Weil, Inc. 182,289; Oct. 30.
Underwaist union suits. E. H. Horwood & Co. 171,996; Nov. 13.
Underwaists. Warner Brothers Company. 174,045; July 24.
Underwear. Marble Mills, Inc. 179,874; Aug. 28.
Underwear. Mercury Mills, Limited. 181,137; Oct. 16.
Underwear. M. D. Neilson. 162,435–6; Sept. 4.
Underwear. Orent's Department Store, Inc. 171,136; Aug. 28.
Underwear. Jacob Salsberg Inc. 184,265; Oct. 30.
Underwear. Walker Stetson Company. 166,421; Jan. 9.
Underwear. Wyman, Partridge & Co. 176,307; June 19.
Underwear and athletic suits, Knit. Republic Knitting Mills. 183,316; Oct. 30.
Underwear and hosiery. P. Centemeri & Co. 185,416; Dec. 18.
Underwear and hosiery. Munsingwear Corporation. 175,508; Apr. 3.
Underwear and pyjamas, shirts, etc. Excelsior Underwear Co. 171,910; July 3.
Underwear and sleeping suits, Misses' and children's knitted. Everett Knitting Works. 177,904; July 17.
Underwear and undershirts, princess slips for women, Knit. Maline Mills. 168,478; July 17.
Underwear and women's bloomers, Men's and women's. Charles E. Shedaker & Sons. 179,627; Aug. 14.
Underwear, Athletic and knitted. Riteweb Manufacturing Company. 178,285–6; July 10.
Underwear, bath robes, nightgowns, etc. P. Wolf-Goldman, Inc. 181,230; Oct. 30.
Underwear, Boys' knit. Reading Underwear Co. 179,555; Sept. 18.
Underwear, brassières, bloomers, petticoats, etc. N. Wiener. 179,694; Aug. 14.
Underwear, footwear, neckwear, shirts, Men's and boys'. Saks & Company. 172,444; Sept. 11.
Underwear for children, Knitted. Little Falls Manufacturing Company. 184,288; Nov. 6.
Underwear for men and boys, Knitted fabric. Standard Knitting Mills. 167,056–8; Jan. 9.
Underwear for men, shirts, pants, etc. Carley, Rice Company. 176,600; Nov. 27.
Underwear for men, women, and children, Nainsook. J. B. Hirshfeld. 166,072; May 8.
Underwear for women and children. H. K. Grout. 184,725; Dec. 18.
Underwear for women and girls. R. S. Philips. 174,750; June 26.
Underwear, hosiery, and sweaters. J. B. Hirshfeld. 176,184; July 17.
Underwear, hosiery, etc. Fairy Silk Mills. 178,334; Aug. 28.
Underwear, hosiery, suspenders, etc. A. O. Switzer. 179,891; Aug. 28.
Underwear, Knit. Robert Ahlett & Co. 146,750; Nov. 13.
Underwear, Knit. C. Yost. 181,712; Nov. 13.
Underwear, Knitted and textile fabric. Tissuepkt Underwear Company. 180,565; Nov. 6.
Underwear, Ladies'. Loris Undergarment Co. 168,322; Nov. 27.
Underwear, Ladies' and children's. James A. Hearn & Son, Inc. 165,993; Jan. 30.
Underwear, Ladies' and girls' knit. Reading Underwear Co. 179,554; Sept. 18.
Underwear, Ladies' and misses' silk and cotton. J. Garfinkle. 170,814; Aug. 7.
Underwear, Ladies' cotton knit. J. L. Miller. 179,946; July 17.
Underwear, Ladies' muslin. Harris & Barnett. 185,581; Dec. 4.
Underwear, Ladies' silk. Vanity Fair Silk Mills. 147,649; May 8.
Underwear made of textile fabrics, Ladies'. N. Bregstein. 171,250; June 12.
Underwear, Men's. Abraham & Straus, Inc. 172,815; Aug. 28.
Underwear, Men's. Embassy Manufacturing Corporation. 165,488; Feb. 6.
Underwear, Men's. Pride Underwear Co. 185,535; Dec. 4.
Underwear, Men's. C. M. Walker. 175,446; Sept. 11.
Underwear, Men's and boys'. Hodes Mills Inc. 184,451–2; Dec. 18.
Underwear, Men's and boys'. Litewear Manufacturing Company. 175,934; Oct. 16.
Underwear, Men's athletic. Nantex Mfg. Co. 168,686; Feb. 6.
Underwear, Men's athletic. Nantex Mfg. Co. 168,687; Jan. 23.
Underwear, Muslin and Silk. Harris & Barnett. 168,642; Jan. 23.
Underwear, Nainsook athletic. M. P. Tully. 166,542; May 8.
Underwear of knitted and textile fabric for females. Martha Maid Manufacturing Company. 178,084; July 17.
Underwear of textile fabric. Salt's Textile Manufacturing Company. 168,376; June 5.
Underwear of textile fabric. Salt's Textile Manufacturing Company. 168,379–80; June 5.
Underwear of textile fabric, Children's. Carson Pirie Scott & Co. 161,807; Jan. 2.
Underwear of textile fabric for women. Sterling Underwear Company. 180,561; Sept. 11.
Underwear, sweaters, hosiery, caps, etc., Knitted. Frank & Company. 180,334; Aug. 14.
Underwear, Textile. L. K. Whitbeck. 183,428; Oct. 16.
Underwear union suit. C. G. Wright. 181,097; Oct. 2.
Underwear, union suits, shirts, notions, etc. J. Rosenzweig. 179,430; Dec. 4.
Underwear, Women's. Marshall Field & Company. 181,267; Oct. 2.
Underwear, Women's. H. Sacks. 158,736; Nov. 27.
Underwear, Women's. Van Raalte Company. 179,020; Aug. 14.
Underwear, Women's and children's textile. Ida Munzer, Inc. 174,586; July 24.
Underwear, Women's knitted. Royal Underwear Company. 183,670; Oct. 16.
Underwear, Women's muslin. Gutman Bros. 175,489; Aug. 28.
Underwear, Woven and knit. L. Bloch. 176,059; Nov. 6.
Underwear, wrappers, and bands, Infants' knitted. Everett Knitting Works. 177,903; July 17.
Uniforms. C. D. Randles. 158,895; July 17.
Uniforms, caps, and aprons, men's and boys' shirts, etc., Nurses' and maids'. B. B. & R. Knight, Inc. 172,682; Aug. 7.
Union and combination suits, undershirts, underdrawers. Superior Athletic Underwear Company 174,642; July 10.
Union suits and vests and bathing suits, Ladies'. Augusta Knitting Corporation. 174,284; Dec. 18.
Union suits, vests, and bathing suits, Ladies'. Augusta Knitting Corporation. 174,283; Dec. 11.
Union suits, vests, and pants, Ladies'. Textile Manufacturing Co. 169,937; Feb. 13.
Union suits, vests, pants, and hosiery, Knitted or textile. Syracuse Dry Goods Company. 172,808; Dec. 11.
Vests, bloomers, knickerbockers, etc. Vanity Fair Silk Mills. 167,109; Aug. 14.
Vests for men. Reiffman-Corn Inc. 177,801; July 31.
Waistbands. See The Point Waist Band Company. 161,651; Sept. 18.
Waists and dresses, Women's. Bert Stern Company. 184,931; Nov. 6.
Waists and hosiery. House of Byer. 168,612; Jan. 9.
Waists and hosiery. House of Byer. 168,614; May 1.
Waists and shirts, particularly underwaists. Children's. R. & J. Waist Company. 144,429; May 15.
Waists and underwear, Children's. Thos. P. Taylor Co. 183,506–7; Sept. 25.
Waists and underwear, Children's. Thos. P. Taylor Co. 184,222; Oct. 16.
Waists, dresses, gowns, evening gowns, suits, wraps coats, etc. Fashion-Bilt Dress Co. 169,055; Feb. 6.
Waists, Ladies'. American Lady Waist Co. 155,589; July 31.
Waterproof covers for hats and caps. Hodgman Rubber Company. 171,916; Nov. 27.
Wrappers, Infants'. Walnott Knitting Company. 171,049; June 5.
Wraps and gowns, Ladies'. Perman's Gowns Inc. 185,376; Nov. 6.

CLASS 40.

Art needlework. Southern Yarn Exchange. 181,150; Nov. 13.
Art needlework. Southern Yarn Exchange. 181,152; Nov. 13.
Art needlework. Southern Yarn Exchange. 181,153; Nov. 20.
Beads. Guthman, Solomons & Co. 183,379; Oct. 30.
Beads. Nelson Bead Company. 175,151; May 8.
Beads and bead trimming. Leo F. Phillips & Co. 165,599; July 3.
Beads and metal spangles. Canuet Frères. 184,017; Nov. 13.
Beads and metal spangles. Canuet Frères. 184,018; Oct. 9.
Binding, braids, galloons, etc. James Nelson, Ltd. 154 321; Mar. 6.
Braid. American Webbing Company. 168,703; May 8.
Braid, braided tapes, elastic laces, etc. Arch Narrow Fabric Company. 181,470; Oct. 2.
Braid, Rickrack. Barash Bros., Inc. 170,269; July 24.
Braids. Griffing Manufacturing Co. 177,776; July 31.
Braids, Elastic. Joseph P. Allen Co. 166,760; Jan. 2.
Braids, tassels, passementeries, and garniture. Morisse Lace & Embroidery Co. 177,983–4; July 3.

Buckles and belt links. E. Abraham. 176,589; May 8.
Buttons. Huntington Rubber Mills. 171,920; Jan. 30.
Buttons, Extensible cuff. C. C. Taylor. 160,645; Feb. 20.
Clasps for arm bands. Ansonia O & C Co. 165,053; May 1.
Combs. American Hard Rubber Company. 173,024; May 15.
Combs. American Hard Rubber Company. 173,025; Mar. 27.
Combs. Noyes Comb Company. 170,306; Jan. 30.
Combs. Julius Schmid, Inc. 186,674; Nov. 27.
Combs and bandeaux, Combination. A. L. Clark & Co. 169,347; Jan. 9.
Combs and barrettes. Pacific Novelty Company. 176,851; May 29.
Combs, barrettes, hairpins, safety pins, etc. S. Blechman & Son Inc. 184,160; Nov. 27.
Combs, Hair-straightening. O. R. Altwein. 166,733; Mar. 27.
Combs, pincushion holders, and buttonhooks, Toilet. J. C. Dowd & Co. 183,470; Nov. 13.
Combs, Rubber. Gotham Comb Co. 178,838; Aug. 7.
Combs, Toilet. Cutino Company. 178,229; Aug. 21.
Corset steels. Rite Form Corset Co. 175,107; June 12.
Dress shields. Associated Merchandising Corporation. 178,705; July 3.
Dress shields. Canfield Rubber Company. 166,292; May 15.
Dress shields. I. B. Kleinert Rubber Company. 179,104; July 3.
Dress shields. I. B. Kleinert Rubber Company. 179,105; July 31.
Dress shields. A. Martin. 166,240; Jan. 2.
Dress shields. A. Stein & Company. 165,095; Feb. 27.
Dress shields, elastic webbing, shirred elastic ribbon. A. Stein & Company. 183,004; Oct. 2.
Elastic goods, Braid. W. L. M. Clark Incorporated. 185,107; Nov. 27.
Elastic webs. Geo. S. Colton Elastic Web Co. 144,801; Mar. 13.
Eyelash crimpers. Stickel Company. 184,310; Oct. 16.
Fasteners made of ribbon or other material. M. J. A. Davy. 172,586; May 29.
Flowers, Artificial. Shearer & McCarthy Corp. 184,216; Nov. 13.
Fringes and art needlework. Powers, Friend & Lichtman. 179,426; July 3.
Fringes, braids, tassels, cords. United Trimming Co. 169,460; Sept. 25.
Hair combs, shoehorns, buttonhooks, and pincushions. E. I. du Pont de Nemours & Company. 170,238; Mar. 13.
Hair curlers. Boyd-Brenizer Corporation. 156,349; Nov. 13.
Hair curlers. E. B. Frank. 177,039; Nov. 6.
Hair curlers. West Electric Hair Curler Company. 180,313; July 3.
Hair curlers, wavers, crimpers, and puffs. L. M. O'Connell. 174,098; Mar. 13.
Hair dressing, Padding for. E. Mittelstaedt, Inc. 187,833; Dec. 18.
Hair goods. Hyman & Oppenheim. 167,301; Feb. 13.
Hair goods. Hyman & Oppenheim. 173,286–7; Mar. 13.
Hairpins. Abraham & Straus, Inc. 186,403; Nov. 27.
Hairpins, common pins, hand sewing needles, crochet hooks, etc. Marshall Field & Company. 161,546; Feb. 6.
Hairpins, shoe laces, hair curlers, snap fasteners, etc. Zales Bros. 160,270; Feb. 27.
Hair wavers. McConnell Manufacturing Company. 181,204; Oct. 2.
Hair wavers, crimpers, curlers, etc. L. M. Garrity & Co. 168,361; Jan. 2.
Hair-waving implements, Nonelectric iron heated. J. A. Hartvig. 178,101; May 29.
Hooks and eyes, safety and toilet pins. De Long Hook and Eye Company. 186,114; Nov. 27.
Hooks and eyes, snap fasteners, and safety pins. De Long Hook and Eye Company. 159,351; May 22.
Hooks and eyes, snap fasteners, safety pins, etc. De Long Hook and Eye Company. 161,767; May 22.
Lace tips, Corset and shoe. Adjusto Shoe Lace Company. 152,303; Jan. 9.
Laces, Shoe. Cortland Line Co. 169,950; Jan. 30.
Laces, Shoe and corset. Hutmacher Braiding Company. 156,789; Apr. 24.
Lacings, galloons, and braids, Shoe, underwear, and blouse. United Lace & Braid Mfg. Co. 179,897; Aug. 7.
Lacings, galloons, braids, etc., Shoe and other. Walker Webbing Co. 156,125; Apr. 24.
Needles. John James & Sons Limited. 178,104; May 22.
Needles. J. Roberts. 170,257; Feb. 27.
Needles, crochet hooks, and thimbles. American Wholesale Corporation (Baltimore Bargain Home). 180,262; Nov. 27.
Needles for hand sewing. John James & Sons Limited. 178,105; July 3.
Needlework, Art. T. Buettner & Co. 170,270; Apr. 24.
Needlework, Art. Southern Yarn Exchange. 181,151; Dec. 4.
Needlework, Designs used for art. E. M. Hammond. 169,852; Mar. 27.
Notions and small wares. William H. Cole & Co. 167,973; June 12.
Package outfit. L. H. Feldman. 174,517; July 10.
Patterns, Perforated. E. Enzler. 170,812; Jan. 30.
Pins. William Prym Company. 175,997; Aug. 28.
Pins and hairpins and hand sewing needles. Kirby, Beard & Co. 172,681; May 1.
Pins and hairpins of nonprecious metal. Kirby, Beard & Co. 172,229; May 1.
Pins and hairpins of nonprecious metal and hand sewing needles. Kirby, Beard & Co. 172,228; May 1.
Pins and hand sewing needles, Common. William Prym Company. 175,996; Sept. 11.
Pins, Card, T, and bank. Guild Products Corporation. 165,543; Mar. 13.
Pins, hairpins, safety pins, elastics, and hair nets. Aller Brothers. 173,390; May 15.
Pins of nonprecious metal. Kirby, Beard & Co. 172,230; May 1.
Pins, Safety. American Pin Company. 177,061; May 8.
Pins, Safety. C. H. Crowley. 185,074; Nov. 27.
Pins, Safety. W. T. Grant Company. 181,829; Oct. 2.
Pins, Safety. W. T. Grant Company. 181,830–1; Oct. 16.
Pins, Safety. F. Kelly Company. 170,686; Jan. 9.
Pins, Safety. Risdon Manufacturing Company. 175,104; Aug. 7.
Ribbon novelties or trims. R. C. Taft. 170,164; Apr. 24.
Rickrack braid and shirred ribbon elastic. Barash Brothers, Inc. 180,738; July 3.
Safety pins. Sears, Roebuck and Co. 175,215; May 8.
Shirts from creeping up, Devices for preventing. Shirt Snubers Company. 176,577; May 8.
Shoe lacers. Hatjy George Bros. 184,402; Nov. 20.
Shoulder straps, Flexible. H. T. Applegate. 165,054; Sept. 11.
Snap fasteners. Carson Pirie Scott & Co. 172,961; Mar. 13.
Snap fasteners. C. H. Crowley. 185,075; Nov. 27.
Snap fasteners for gloves, caps, trunks, etc. Rau Fastener Company. 186,568; Dec. 25.
Stilettos, hooks and eyes, corset eyes, etc., Bone. William Prym Company. 168,431; Nov. 13.
Stilettos, hooks and eyes, corset eyes, snap fasteners, etc., Bone. William Prym Company. 148,615; July 17.
Stilettos, hooks and eyes, snap fasteners, etc. William Prym Company. 148,614; Nov. 13.
Stilettos, hooks and eyes, snap fasteners, etc., Bone. William Prym Company. 148,617; Oct. 2.
Straps for connecting the supporting straps of ladies' undergarments, Cross. E. A. Robinson. 185,765; Nov. 27.
Tape. Associated Merchandising Corporation. 178,704; July 3.
Tape and braid of all kinds. F. W. Woolworth Co. 177,807; May 8.
Tape, pins, hair curlers, etc., Lingerie. Samstag & Hilder Bros. 172,060; Apr. 24.
Tapes, Covered hook and eye. R. K. M. Manufacturing Co. 181,411; Dec. 18.
Tassels and fringes, elastic belting and cord, etc. Calhoun, Robbins & Co. 172,209; Dec. 18.
Thimbles, Sewing. Goldsmith, Stern & Co. 174,387; Mar. 13.
Webbing, Elastic. Ansonia O & C Co. 184,954; Nov. 27.
Webbings, Elastic. Russell Manufacturing Company. 169,258; Jan. 9.
Webbings, Elastic. Russell Manufacturing Company. 170,548; Jan. 9.
Wigs. National Hair Goods Co. 182,764; Oct. 16.
Wires and strawbraids. Holyoke Company. 132,740; May 22.

CLASS 41.

Umbrella and parasol ribs. S. W. Evans & Son. 185,009–10; Oct. 2.
Umbrellas. Paperbrella Co. 155,697; Feb. 6.
Umbrellas. Peltz, Bohrman, Furse, Inc. 173,979; May 22.
Umbrellas. Kortenbach & Rauh. 162,556; May 1.
Umbrellas. Kortenbach & Rauh. 162,557; May 8.
Umbrellas and parasols. G. Berman. 180,834; Oct. 2.
Umbrellas and parasols. F. M. Burns. 177,956; June 19.
Umbrellas and parasols. J. Grossman. 176,341; Sept. 11.
Umbrellas and parasols. J. Grossman. 176,342; July 10.

CLASS 42.

Batiste, Mercerized cotton. Carson Pirie Scott & Co. 184,595; Oct. 16.
Bed coverings, sheetings, pillowcases, etc. F. W. Hillig. 161,550; July 17.
Bedspreads. Primrose Draperies, Inc. 180,493; July 10.
Bedspreads. Sorrick-Caylor Company. 182,366; Sept. 4.
Bedspreads, tablecloths, table covers, napkins, etc. American Textile Art Printing & Dyeing Company. 159,134; Feb. 13.
Blankets. O. A. Hale & Co. 174,693; Apr. 24.
Blankets and cotton blanket piece goods, Cotton. Esmond Mills. 173,703; May 15.
Blankets and rugs. George Borgfeldt & Co. 186,461–2; Dec. 11.

Classified list of trade-mark titles—Continued.

Blankets, Bed and crib. Greenebaum, Weil & Michels. 185,017; Dec. 11.
Blankets, blanket fabrics, cotton piece goods, auto robes, etc. Esmond Mills. 171,789–90; Jan. 2.
Blankets, Cotton. Carolina Cotton & Woolen Mills Company. 181,243–4; Aug. 14.
Blankets, Woolen football. James W. Brine Company. 172,728; Apr. 17.
Broadcloth, Cotton. Bear Mill Manufacturing Company. 179,351; Aug. 7.
Cambrics and nainsooks. Lonsdale Co. 185,714; Nov. 20.
Camel's-hair piece goods. Del Monte-Hickey. 174,203; Dec. 25.
Carpets and textile rugs. A. & M. Karagheusian, Inc. 186,554–5; Dec. 11.
Carpets, rugs, and draperies. Asia Sales Corporation. 181,236; Aug. 28.
Carpets, Textile. Aetna Carpet Co. 174,504; Apr. 17.
Carpets, Wilton. Philadelphia Carpet Co. 166,604; Mar. 20.
Carpets, Wilton and plush. M. J. Whittall Associates. 167,063; Mar. 13.
Carpets, Wilton and plush. M. J. Whittall Associates. 167,064; May 15.
Carpets, Wilton and plush. M. J. Whittall Associates. 167,065; Aug. 14.
Chambray, cheviot, and denims in the piece. Stonewall Cotton Mills. 183,415; Oct. 23.
Cheesecloth. Lewis Manufacturing Company. 186,240; Dec. 18.
Cheesecloth, crinoline, and bunting in the piece. Lewis Manufacturing Company. 150,319; Aug. 7.
Cheviots in the piece. J. P. Crozer. 171,488; Jan. 2.
Cloth and stuffs of wool and worsted Pendle & Rivett Limited. 180,549; July 10.
Cloth, Cotton. Bear Mill Manufacturing Company. 185,553; Nov. 20.
Cloth in the piece. William Hollins & Company. 146,509; Feb. 27.
Cloth in the piece, Diaper. Millville Manufacturing Company. 171,854; Dec. 4.
Cloth, Printed cotton. J. L. Stifel & Sons. 186,487; Dec. 18.
Cloths and piece goods, of wool, worsted, and hair, and combinations of same. Priestleys, Limited. 169,422; Feb. 6.
Cloths and piece goods of woolen, worsted, etc. B. Priestley & Co. 186,853–4; Dec. 18.
Cloths and stuffs of wool, worsted, and hair. D. Ballantyne, Brothers & Co. 185,913; Dec. 4.
Cloths and stuffs of wool, worsted, etc. Wilson & Glenny, Ltd. 159,910; Feb. 20.
Cloths and stuffs of wool, worsted or hair. Lewis & Harris Handwoven Tweed Company Limited. 171,131; May 22.
Cloths, Face or wash. W. A. Schwalb. 180,813; Aug. 14.
Cloths, Painters' and decorators' drop. Leek Brothers. 150,969; Dec. 4.
Coating, All-wool. Frederick Lausser & Son. 181,694; Aug. 21.
Coatings in the piece, Bolivia. C. Bahnsen & Co. 172,461–2; Sept. 25.
Comforts, Bed. A. L. Reach. 185,795; Nov. 13.
Corduroys in the piece. John S. Boyd Co. 173,227; Feb. 27.
Corduroys in the piece. John S. Boyd Co. 173,229; Mar. 6.
Corduroys, velveteens, and cotton piece goods. Howlett & Hockmeyer Co. 184,855; Nov. 20.
Cotton and cotton and silk mixture fabrics in the piece. Waumbek Manufacturing Company. 174,548; Mar. 27.
Cotton and cotton and silk mixture piece goods. Cohn Hall Marx Co. 179,853; Aug. 7.
Cotton and linen piece goods. F. Sichel. 175,028; Mar. 27.
Cotton and silk mixture piece goods. Voss & Stern. 160,313; June 5.
Cotton and silk mixture piece goods. Voss & Stern. 160,315; June 5.
Cotton and silk mixture piece goods. Voss & Stern. 160,328; June 19.
Cotton and silk piece goods. O. L. Neugass. 176,493; Apr. 10.
Cotton and wool piece goods. Laskin-Swatt Co. 170,145; June 5.
Cotton and woolen piece goods and mixtures of the same in the piece. Atlantic Mills. 177,947; July 17.
Cotton, artificial-silk, silk, and woolen piece goods and admixtures of same. Bradford Dyers' Association, Limited. 122,625; Mar. 27.
Cotton cloth and white shoe cloth, Backing or reenforcing. Peters Brothers Rubber Co. 167,098; Sept. 25.
Cotton cloth in the piece. L. J. Marshuetz. 171,133; Dec. 18.
Cotton-cloth piece goods. Leon Michael & Co. 177,136; Sept. 25.
Cotton crêpe fabrics in the piece. Waumbek Manufacturing Company. 178,317; May 15.
Cotton dress and underwear piece goods. Oppenheim, Oberndorf & Co. 184,418; Nov. 6.
Cotton drilling in the piece. Minot, Hooper & Co. 180,714; July 31.
Cotton, duck, and canvas piece goods. J. Einstein, Inc. 180,793; July 17.
Cotton, duck, and canvas piece goods. W. D. Juilliard & Co. 177,673; June 26.
Cotton, etc., piece goods. Turner & Walls. 186,257; Dec. 18.
Cotton fabric in the piece. Manhasset Manufacturing Company. 170,440; Jan. 30.
Cotton fabrics. Denzer & Nathan, Inc. 184,437–8; Oct. 16.
Cotton fabrics. Friedman & Krieger. 179,528; July 3.
Cotton fabrics. Hill Manufacturing Co. 182,659; Oct. 23.
Cotton fabrics and silk fabrics in the piece. Wauregan Company. 176,517; June 5.
Cotton fabrics in the piece, Woven. G. A. Stafford. 124,422; Aug. 14.
Cotton fabrics in the piece, Woven. G. A. Stafford. 135,736; June 5.
Cotton fabrics in the piece, Woven. G. A. Stafford. 135,737; July 17.
Cotton fabrics in the piece, Woven. G. A. Stafford. 176,103; May 8.
Cotton fabrics, Textile. Amory, Browne & Co. 181,103; July 17.
Cotton fabrics, Woven. Roanoke Mills Company. 175,439; July 17.
Cotton fabrics woven and finished in Switzerland. Verband der Schweizerischen Stückwaren-Ausrüstanstalten. 183,612; Oct. 2.
Cotton goods. Olympia Manufacturing Company. 175,153; June 19.
Cotton goods, denims, sheetings, bedspreads, etc. Farish Company. 169,164; Dec. 25.
Cotton goods in the piece. R. Blankenburg Company. 184,320; Oct. 2.
Cotton goods in the piece. Nap. Eustathopoulo & Fils. 165,990; Apr. 3.
Cotton goods in the piece. Lorraine Manufacturing Company. 178,747–8; May 22.
Cotton goods in the piece. Lorraine Manufacturing Company. 178,749; June 12.
Cotton goods in the piece. Maltese Textile Corporation. 177,498; Aug. 21.
Cotton goods in the piece. Neuss, Hesslein & Company. 177,507; Aug. 28.
Cotton goods in the piece. David Schwartz Company. 180,558; July 10.
Cotton goods in the piece. Wm. Simpson, Sons & Co. 182,679; Aug. 28.
Cotton goods in the piece. United Turkey Red Company Limited. 172,134; June 12.
Cotton goods in the piece. Virginia Cotton Mills. 175,043; Mar. 20.
Cotton linings in the piece. Marshall Field & Company. 179,524; Sept. 11.
Cotton, mohair, etc., piece goods. Beuret & Company. 183,464; Dec. 4.
Cotton piece goods. Aberfoyle Mfg. Co. 167,968; Feb. 13.
Cotton piece goods. African & Eastern Trading Co. 175,230; Apr. 10.
Cotton piece goods. African & Eastern Trading Co. 175,230; July 17.
Cotton piece goods. American Bleached Goods Company, Inc. 176,522; May 1.
Cotton piece goods. American Bleached Goods Company. 176,525; Dec. 4.
Cotton piece goods. American Bleached Goods Company. 182,896; Aug. 28.
Cotton piece goods. American Bleached Goods Company. 184,198–9; Dec. 4.
Cotton piece goods. American Printing Company. 185,737; Nov. 13.
Cotton piece goods. Appleton Company. 186,819–21; Dec. 11.
Cotton piece goods. Arnold, Cheney & Co. 174,164; Oct. 16.
Cotton piece goods. Arnold, Cheney & Co. 176,780; May 1.
Cotton piece goods. Joseph Bancroft & Sons Company. 176,440; June 19.
Cotton piece goods. Hyman Bauman & Co. 173,275; Feb. 20.
Cotton piece goods. Edwin E. Berliner & Co. 171,444; Nov. 13.
Cotton piece goods. Edward E. Berliner & Co. 171,445; Feb. 13.
Cotton piece goods. Edwin E. Berliner & Co. 171,446; Aug. 14.
Cotton piece goods. Brune, Pottberg & Co. 176,535; May 8.
Cotton piece goods. Brune, Pottberg & Co. 182,202; Sept. 4.
Cotton piece goods. Brune, Pottberg & Co. 182,291–2; Sept. 4.
Cotton piece goods. Brune, Pottberg & Co. 183,188; Sept. 25.
Cotton piece goods. Brune, Pottberg & Co. 183,191–2; Sept. 25.
Cotton piece goods. Burnham-Munger-Root Dry Goods Company. 183,358; Oct. 23.
Cotton piece goods. Calico Printers' Association, Limited. 184,934; Nov. 6.

Cotton piece goods. H. J. Cathcart. 177,546; June 12.
Cotton piece goods. Cherokee Spinning Company. 182,788–9; Aug. 28.
Cotton piece goods. Claflius Incorporated. 176,668; May 1.
Cotton piece goods. Cohn Hall Marx Co. 174,655; Apr. 10.
Cotton piece goods. Cohn Hall Marx Co. 175,302; Apr. 24.
Cotton piece goods. Cohn Hall Marx Co. 179,518; Dec. 4.
Cotton piece goods. Cohn Hall Marx Co. 180,963; July 17.
Cotton piece goods. Consolidated Textile Corporation. 181,558; Aug. 7.
Cotton piece goods. Denzer & Nathan, Inc. 184,784: Dec. 25.
Cotton piece goods. Doptoglou Bros. of New York. 177,037; May 1.
Cotton piece goods. Doptoglou Bros. of New York. 177,079; Sept. 25.
Cotton piece goods. Doptoglou Bros. of N. Y. 183,444; Nov. 6.
Cotton piece goods. Ely & Walker Dry Goods Company. 176,017; Apr. 10.
Cotton piece goods. Everett, Heaney & Co. 173,182; Dec. 4.
Cotton piece goods. Garner Print Works & Bleachery. 183,109; Oct. 2.
Cotton piece goods. Henry Glass & Co. 170,580; Jan. 30.
Cotton piece goods. Henry Glass & Co. 171,493; Jan. 2.
Cotton piece goods. W. R. Grace & Co. 173,927; Mar. 27.
Cotton piece goods. W. R. Grace & Co. 174,898; Apr. 3.
Cotton piece goods. Great Falls Manufacturing Company. 157,367; Apr. 3.
Cotton piece goods. W. Harris Thurston & Co. 183,423; Sept. 25.
Cotton piece goods. J. I. Hart. 183,569–70; Sept. 11.
Cotton piece goods. Heiler & Long. 172,673; Feb. 13.
Cotton piece goods. Hill Manufacturing Co. 182,658; Oct. 23.
Cotton piece goods. O. H. Hinck. 180,664; Dec. 4.
Cotton piece goods. Hockmeyer Bros. 179,369; June 5.
Cotton piece goods. William Hollins & Co. 170,193; Jan. 30.
Cotton piece goods. Hunter Manufacturing & Commission Co. 175,314; Apr. 24.
Cotton piece goods. Hunter Mfg. & Commission Co. 177,782; May 15.
Cotton piece goods. S. H. Kahn & Co. 173,086–7; Feb. 13.
Cotton piece goods. Kelsey Textile Corporation. 179,275; June 5.
Cotton piece goods. Kelsey Textile Corporation. 183,747–9; Sept. 18.
Cotton piece goods. John P. King Manufacturing Co. 166,373; Sept. 18.
Cotton piece goods. John P. King Manufacturing Co. 173,570; Apr. 10.
Cotton piece goods. Klauber Bros. & Co. 174,246; Mar. 6.
Cotton piece goods. Klein-Messner Co. 171,331; June 26.
Cotton piece goods. Kummer, Upmann & Co. 179,608; July 3.
Cotton piece goods. Robt. J. Lebenson Corporation. 182,350; Oct. 30.
Cotton piece goods. Bert Levi & Co. 177,133; May 29.
Cotton piece goods. Marshall Field & Company. 179,521; Aug. 14.
Cotton piece goods. E. Milius & Co. 180,545; Aug. 7.
Cotton piece goods. Milius, Hesse & Levy. 183,117; Ang. 28.
Cotton piece goods. Milldale Textiles Corporation. 181,032; July 17.
Cotton piece goods. Minot, Hooper & Co. 175,204; Mar. 20.
Cotton piece goods. Minot, Hooper & Co. 168,896; Dec. 4.
Cotton piece goods. Nathan & Cohen Co. 175,509; Apr. 3.
Cotton piece goods. Naumkeag Steam Cotton Co. 163,761; Jan. 9.
Cotton piece goods. James Nelson, Limited. 147,570; Jan. 2.
Cotton piece goods. Neuss, Hesslein & Co. 174,667; Apr. 10.
Cotton piece goods. Neuss, Hesslein & Co. 179,620; July 3.
Cotton piece goods. Neuss, Hesslein & Co. 182,356; Aug. 28.
Cotton piece goods. Oriental Silk Printing Company. 157,075; Jan. 30.
Cotton piece goods. Pacific Mills. 175,677; Apr. 3.
Cotton piece goods. Pacific Mills. 180,139; July 3.
Cotton piece goods. Passaic Print Works. 156,412; Sept. 18.
Cotton piece goods. J. C. Penney Company. 172,556; Feb. 27.
Cotton piece goods. J. C. Penny Company. 175,023; Mar. 27.
Cotton piece goods. Charles L. Poor Co. 175,042; June 19.
Cotton piece goods. Charles L. Poor Co. 176,035; Apr. 10.
Cotton piece goods. Charles L. Poor Co. 176,038; Apr. 10.
Cotton piece goods. Charles L. Poor Co. 176,040; Sept. 18.
Cotton piece goods. Charles L. Poor Co. 176,214; June 26.
Cotton piece goods. Ridley Watts & Co. 171,190; Feb. 20.
Cotton piece goods. Robertson Bleachery & Dye Works, Incorporated. 183,802–3; Oct. 16.
Cotton piece goods. A. M. Robinson Company. 180,496; Aug. 7.
Cotton piece goods. M. H. Rosenberg & Co. 172,806; Oct. 16.
Cotton piece goods. David Schwartz Company. 174,341; Mar. 6.
Cotton piece goods. G. Sidenberg & Co. 109,931; Nov. 13.
Cotton piece goods. Louis Siegbert & Bro. 172,493; May 15.
Cotton piece goods. Louis Siegbert & Bro. 174,037; Apr. 3.
Cotton piece goods. Smith, Hogg & Co. 176,224; June 26.
Cotton piece goods. F. U. Stearns & Company. 181,963; Aug. 28.
Cotton piece goods. J. L. Stifel & Sons. 184,367; Oct. 16.
Cotton piece goods. Taylor, Clapp & Beall. 181,048; July 17.
Cotton piece goods. Tremont & Suffolk Mills. 180,566; Aug. 21.
Cotton piece goods. Turner, Halsey Co. 174,158; June 19.
Cotton piece goods. Voss & Stern. 160,312; June 26.
Cotton piece goods. Voss & Stern. 160,316; June 12.
Cotton piece goods. Voss & Stern. 160,318; June 26.
Cotton piece goods. Voss & Stern. 160,323; June 19.
Cotton piece goods. Voss & Stern. 177,934; May 15.
Cotton piece goods. Voss & Stern. 177,938–9; May 15.
Cotton piece goods. Weeks, Sawyer & Co. 152,527; Feb. 27.
Cotton piece goods. Weiner Brothers, Inc. 174,550; Apr. 17.
Cotton piece goods. Weiner Brothers, Inc. 175,583; May 22.
Cotton piece goods. Whitworth & Mitchell, Limited. 167,859; Nov. 13.
Cotton piece goods. George Willcomb Company. 167,282; Oct. 23.
Cotton piece goods. Wilton Manufacturing Co. 177,536; July 24.
Cotton piece goods. Wilton Manufacturing Company. 177,718; May 15.
Cotton piece goods. Wilton Manufacturing Company. 179,288–9; June 5.
Cotton piece goods. Wilton Manufacturing Company. 180,038–9; July 3.
Cotton piece goods. Wilton Manufacturing Company. 181,507; Aug. 7.
Cotton piece goods. Wilton Manufacturing Company. 183,786–7; Sept. 18.
Cotton piece goods. Wilton Manufacturing Company. 185,773; Nov. 20.
Cotton piece goods. Wilton Manufacturing Company. 185,774–5; Nov. 13.
Cotton piece goods and cotton and silk mixtures in the piece. Cohn Hall Marx Co. 173,278; Mar. 20.
Cotton piece goods and handkerchiefs. Hussey & Co. 163,982; May 8.
Cotton piece goods and silk and cotton fabrics. Moraff, Twining & Co. 177,862; May 15.
Cotton piece goods, Bleached. B. B. & R. Knight, Inc. 183,215; Dec. 4.
Cotton piece goods, Bleached. Louis Stix Co. 178,637–8; May 22.
Cotton piece goods, Bleached. Louis Stix Co. 178,640; May 22.
Cotton piece goods, bleached and dyed-in-the-yarn cotton piece goods, Colored. Lola Manufacturing Co. 181,197; Oct. 9.
Cotton piece goods, Dyed. Bradford Dyers' Association, Limited. 122,624; Mar. 20.
Cotton piece goods, linen piece goods, and toweling. Carl Company. 181,813; Sept. 25.
Cotton piece goods, Mercerized. Consolidated Textile Corporation. 181,559; Sept. 4.
Cotton piece goods, Printed, bleached, gray, etc. Neuss, Hesslein & Co. 180,882; July 17.
Cotton piece goods, sheets, and pillow cases. J. C. Penny Company. 175,022; Mar. 27.
Cotton piece goods, silk and cotton goods, ladies' woolen dress fabric, etc. Herman Resler & Company. 159,286; June 19.
Cotton piece goods, silk and cotton mixtures, and silk fabrics. Cohn Hall Marx Co. 173,322; Mar. 20.
Cotton pile cloth in the piece. John S. Boyd Company. 157,827; May 1.
Cotton pongee in the piece, Mercerized. Murray Trading Co. 176,908; May 29.
Cotton print cloth in the piece. Everett, Heaney & Co. 170,571; Oct. 16.
Cotton, silk and cotton, and silk goods in the piece. E. Meyer. 178,764; May 22.

Classified list of trade-mark titles—Continued.

Cotton, silk and cotton, linen, etc., piece goods. Richardson Dry Goods Co. 172,351; Apr. 10.
Cotton, silk, and linen goods and mixtures, all in the piece. Jacob Miller's Sons Co. 171,429; Jan. 2.
Cotton, silk, and woolen piece goods. Lutz & Zuellig. 142,219–20; Apr. 10.
Cotton, silk, linen, etc., goods in the piece. Jacob Miller's Sons Co. 181,033–4; July 17.
Cotton, silk, linen, etc., goods in the piece. Jacob Miller's Sons Co. 181,036–7; July 17.
Cotton, silk, linen, etc., piece goods. Jacob Miller's Sons Co. 181,035; Aug. 14.
Cotton, silk, linen, etc., piece goods. Jacob Miller's Sons Co. 187,687–8; Dec. 25.
Cotton, silk, wool, etc., fabrics. Hecht & Mendes Incorporated. 178,560; July 31.
Cotton, silk, woolen, etc., piece goods, ribbon, etc. American Lady Corset Company. 179,917; Aug. 28.
Cotton, silk, woolen, or jute fabrics. W. H. Harriss. 177,780; June 5.
Cotton, wool, etc., piece goods, Woven and knitted. Vary Knit Co. 174,348; June 12.
Cotton, wool, silk, and mixtures in the piece, Textile fabrics of. Brownstein-Louis Co. 176,160; May 15.
Cotton, wool, silk, etc., drapery fabrics. Joseph Derk & Co. 174,385; Mar. 27.
Cotton, woolen, and half-wool piece goods. H. A. John. 170,389; Jan. 23.
Cotton, woolen, and silk piece goods. W. R. Grace & Co. 171,269; Feb. 6.
Cotton, woolen, and silk piece goods and combinations thereof. James F. White & Co. 178,648; May 22.
Cottons in the piece, Brown. Louis Stix Co. 178,639; May 22.
Crepe, printed, woven, and in plain colors, Cotton. Consolidated Textile Corporation. 170,808; Jan. 30.
Crêpes and silk goods in the piece and veilings. Louis Roessel & Co. 174,529; May 22.
Crêpes and veilings in the piece. Louis Roessel & Co. 175,523; June 5.
Cottons in the piece, Brown. Louis Stix Co. 178,680; Dec. 4.
Crapes in the piece, Cotton and silk. A. Schottland Inc. 184,799–800; Oct. 16.
Cretonnes in the piece. Graffin & Dolson. 176,462; June 5.
Cretonnes in the piece, valances, and curtains. Montague & Co. 177,015; May 1.
Cretonnes, linens, reps, etc. Atkinson, Wade & Co. 173,342; Aug. 28.
Cretonnes or printed fabrics. Arthur Sanderson & Sons Limited. 181,617; Oct. 16.
Cretonnes, tapestries, and draperies in the piece. Pamlico Cottons, Ltd. 150,464; June 19.
Curtains and nets or curtain lace in piece goods, Lace. Quaker Lace Company. 173,441; Aug. 7.
Curtains and nets or curtain lace in the piece, Lace. Quaker Lace Company. 177,326; Aug. 7.
Curtains, draperies, and an open-mesh netted fabric. F. E. Strohmeier. 169,091; Feb. 6.
Damasks, Table. A. W. Baylis Co. 184,632; Nov. 20.
Denims in the piece. Erwin Cotton Mills Co. 137,451; Oct. 16.
Diapering in the piece. Forney & Co. 171,753; Mar. 6.
Draperies. Schwarzenbach Huber Company. 181,415; Oct. 2.
Drapery and upholstery piece goods, curtains, etc. John V. Farwell Company. 171,211; Oct. 30.
Drapery fabrics. Barbe-McKenzie Corporation. 185,197; Oct. 30.
Dress goods and all knit fabrics. Gropper Knitting Mills, Inc. 169,807; Aug. 7.
Dry goods. Farley Harvey Company. 183,204; Sept. 4.
Dry goods. Farley Harvey Company. 183,205; Sept. 25.
Fabric composed entirely of wool or other animal fibers. S. Stroock & Company. 181,225; July 17.
Fabric in the piece, Pile. S. Stroock & Company. 176,434; June 19.
Fabrics. David Adler & Sons Company. 174,761; Aug. 28.
Fabrics. Putnam-Hooker Company. 148,033; Aug. 21.
Fabrics in the piece. Salt's Textile Manufacturing Company. 173,677; Apr. 10.
Fabrics in the piece, blankets, automobile and carriage robes, etc. Salts Textile Manufacturing Company. 165,308; Jan. 2.
Fabrics in the piece, Pile. Sidney Blumenthal & Co. 173,164; Feb. 13.
Fabrics in the piece, Pile. Sidney Blumenthal & Co. 173,558–9; Feb. 20.
Fabrics in the piece, Pile. Sidney Blumenthal & Co. Inc. 173,763; Apr. 17.
Fabrics in the piece, Pile. Sidney Blumenthal & Co. Inc. 173,909; Mar. 27.
Fabrics in the piece, Pile. Sidney Blumenthal & Co. Inc. 174,687; Mar. 27.
Fabrics in the piece, Pile. Sidney Blumenthal & Co. Inc. 175,765; Apr. 17.
Fabrics in the piece, Pile. Sidney Blumenthal & Co. Inc. 175,767; Apr. 17.
Fabrics in the piece, Pile. Sidney Blumenthal & Co. 178,810–11; May 22.
Fabrics in the piece, Pile. Sidney Blumenthal & Co. 179,848; Aug. 28.
Fabrics in the piece, Pile. Sidney Blumenthal & Co. 186,771; Dec. 18.
Fabrics in the piece, Pile. Sidney Blumenthal & Co. 187,084; Dec. 25.
Fabrics in the piece, Pile. Salt's Textile Manufacturing Company. 159,118; June 26.
Fabrics, Jacquard-woven. Rosemary Manufacturing Company. 175,027; June 19.
Fabrics made from cellulose derivatives. British Cellulose and Chemical Manufacturing Company. 186,313; Nov. 20.
Fabrics, Netted or wide-mesh. James Thompson & Co. 179,631; July 3.
Fabrics of silk, artificial silk, cotton, and combinations of same. H. K. H. Silk Co. 172,474; Feb. 13.
Fabrics, Silk and silk-mixed. Cockcroft Silk Co. Inc. 177,594; May 1.
Fabrics, Textile. Tingue Manufacturing Company. 170,102; Jan. 30.
Fustian. J. H. Lane & Co. 168,319; Oct. 23.
Gauze, Unmedicated. Griswoldville M'f'g Co. 175,310; May 8.
Gingham. Herbert B. Lederer Corp. 177,089; Aug. 28.
Gingham piece goods. Herbert B. Lederer Corp. 179,804; Oct. 30.
Gingham piece goods. Neuburger & Company. 179,314; July 10.
Ginghams, chambray, cheviots, and knitted jersey cloth. Hosch Brothers Company. 170,194; Feb. 13.
Ginghams in the piece. Fred Butterfield & Co. 165,343; July 10.
Ginghams in the piece. Henry Glass & Co. 173,820; Apr. 3.
Ginghams in the piece. S. L. Hoffman. 182,377; Oct. 16.
Hair cloth in the piece, Camel's-. Wilkin & Adler, Inc. 171,717; Jan. 2.
Hair cloth in the piece, Camel's-. Wilkin & Adler. 172,710; Feb. 13.
Hair net. F. G. Mitchell. 171,855; Jan. 23.
Hair nets. Abraham & Strauss, Inc. 186,404; Dec. 18.
Hair nets. Ad-Packed Hair Net Co. 176,240–3; Apr. 10.
Hair nets. B. Altman & Co. 178,540; May 22.
Hair nets. Be-Neet Manufacturing Co. 180,356; July 10.
Hair nets. Betsy Ross Hair Net Corp. 185,509; Nov. 13.
Hair nets. S. M. Block. 183,689; Oct. 16.
Hair nets. George Borgfeldt & Co. 177,120; June 19.
Hair nets. Eastern Hair Net Trading Co. 172,267; Jan. 30.
Hair nets. The Emporium. 184,441; Oct. 23.
Hair nets. Benjamin S. Freedman Company. 185,515; Dec. 4.
Hair nets. French Importing Co. 170,480; May 15.
Hair nets. Fulghum & Company. 168,029; Feb. 13.
Hair nets. Fulghum & Company. 176,613–4; May 1.
Hair nets. J. Garfinkle. 177,373; May 1.
Hair nets. J. Giguet. 180,176–7; Nov. 20.
Hair nets. S. Glemby's Sons Co. 186,009; Nov. 13.
Hair nets. Globe Import Company. 177,734; May 15.
Hair nets. Gracenet Co. 176,404; May 8.
Hair nets. Gracenet Company. 179,147; Nov. 20.
Hair nets. P. L. Graf. 187,159; Dec. 25.
Hair nets. W. G. Hamilton. 170,820; Feb. 13.
Hair nets. A. A. Julin. 159,509; May 1.
Hair nets. A. A. Julin. 184,972; Oct. 30.
Hair nets. Kaufmann Bros. 153,554–5; Jan. 16.
Hair nets. L. H. Lewis Company. 171,425; Jan. 30.
Hair nets. Namco Products Corporation. 185,307; Dec. 4.
Hair nets. Namco Products Corporation. 185,308; Nov. 13.
Hair nets. National Hair Goods Co. 159,048; June 12.
Hair nets. Oriental Notions Company. 177,019; June 26.
Hair nets. Paristyle Novelty Co. 172,684; Feb. 3.
Hair nets. Paristyle Novelty Co. Inc. 175,154; Mar. 20.
Hair nets. Samstag & Hilder Bros., Inc. 184,798; Oct. 16.
Hair nets. Sitroux Importing Co. 183,238; Aug. 28.
Hair nets. Southern Commercial Company. 178,364; May 29.
Hair nets. O. L. Stanard Dry Goods Co. 179,491; July 10.
Hair nets. I. Trotsky. 182,452; Sept. 25.
Hair nets. Walker Webbing Co. 155,725; Aug. 7.
Hair nets. West Electric Hair Curler Company. 167,591; Jan. 23.
Hair nets. West Electric Hair Curler Company. 179,838; July 24.
Hair nets. Western Bottle Manufacturing Company. 176,142; May 22.
Hair nets. Wyman, Partridge & Co. 155,722; Mar. 13.
Hair nets, Ladies'. R. Ginsberg & Bro. 181,563; Aug. 7.
Hair nets, Sport. T. B. M. Gates. 187,252; Dec. 25.
Hair nets, Women's. J. C. Penney Company. 180,491; July 10.
Handkerchiefs. L. Bloch. 180,413; July 10.
Handkerchiefs. H. J. Cathcart. 177,545; June 12.
Handkerchiefs. Cluett Peabody & Company. 171,572; Jan. 2.
Handkerchiefs. Cluett, Peabody & Company. 171,787; Jan. 30.

Handkerchiefs. N. M. Cohen. 172,796; Mar. 20.
Handkerchiefs. Druggists' Supply Corporation. 181,388; Aug. 7.
Handkerchiefs. H. C. Eichhold. 183,446; Sept. 18.
Handkerchiefs. S. Gorelick & Sons. 179,146; Dec. 25.
Handkerchiefs. Heiss, Brush & Co. 181,748; Aug. 7.
Handkerchiefs. L. V. Johnson. 184,245; Oct. 2.
Handkerchiefs. J. Klein. 177,388; May 22.
Handkerchiefs J. Klein. 186,915–16; Dec. 25.
Handkerchiefs. T. B. Lamb. 159,096; Apr. 3.
Handkerchiefs. S. W. Magnus & Co. 182,160; Aug. 21.
Handkerchiefs. K. Mandell. 183,580; Sept. 18.
Handkerchiefs. New York Merchandise Company. 182,603; Aug. 28.
Handkerchiefs. Schmidt, Fitz-Gibbon Co. 186,448; Dec. 11.
Handkerchiefs. J. Silberstein. 171,871–2; Jan. 16.
Handkerchiefs. J. Silberstein. 183,088; Aug. 28.
Handkerchiefs. J. Silberstein. 185,847; Nov. 20.
Handkerchiefs. Silberstein, Rosen & Sons, Inc. 173,304; Apr. 24.
Handkerchiefs. Silberstein, Rosen & Sons, Inc. 173,370; Feb. 20.
Handkerchiefs. Western Bottle Manufacture Company. 176,139; Apr. 10.
Handkerchiefs. Western Bottle Manufacturing Company. 176,144; Apr. 10.
Handkerchiefs. Wyman, Partridge & Co. 162,861; Mar. 6.
Handkerchiefs and cotton goods in the piece. Fred A. Wish, Incorporated. 182,636; Oct. 9.
Handkerchiefs and hair nets. Western Bottle Manufacturing Company. 176,136; May 8.
Handkerchiefs, Children's. Acheson Harden Co. 167,216; Aug. 14.
Handkerchiefs, ribbons, nets, etc. Grande Maison De Blanc, Inc. 175,142; June 5.
Handkerchiefs, table covers, toweling, etc. S. Blechman & Sons Inc. 184,159; Oct. 2.
Horsehair cloth, Imitation. M. H. Feinburg Company. 172,870; Mar. 6.
Ironing-board pads and covers, and washable mattress covers. Al-Lon Manufacturing Company. 180,646; Aug. 14.
Kerchiefs and handkerchiefs. S. E. Rains. 151,521; Dec. 4.
Knit goods in the piece. A. F. Huebner. 176,345; Dec. 25.
Knitted elastic fabric in the piece. James R. Kendrick Co. 162,678; Aug. 7.
Knitted fabrics in the piece, etc. Knitted Textiles Corporation. 174,311; May 29.
Knitted goods in the piece, Elastic. Wallenstein Industrial Corp. 182,489; Aug. 21.
Knitted, netted, and textile fabrics. Calhoun, Robbins & Co. 172,200; Apr. 3.
Knitted piece goods. Rheinauer-Roth Knitting Mills, Inc. 177,693; June 26.
Knitted piece goods. Vandewart Company Incorporated. 178,784; Aug. 14.
Knitted piece goods of wool, worsted, etc. Rheinauer-Roth Knitting Mills, Inc. 177,692; June 5.
Knitted silk fabrics. Banner Silk Knitting Mills, Inc. 163,254; Jan. 30.
Knitted silk fabrics. Banner Silk Knitting Mills, Inc. 175,377–8; May 1.
Knitted silk fabrics. Banner Silk Knitting Mills, Inc. 180,781; July 17.
Knitted silk fabrics. Banner Silk Knitting Mills, Inc. 180,783–4; July 17.
Knitted silk fabrics. Banner Silk Knitting Mills, Inc. 183,621; Oct. 2.
Knitted silk fabrics. Banner Silk Knitting Mills, Inc. 183,901; Oct. 2.
Knitted silk fabrics. Banner Silk Knitting Mills, Inc. 185,948; Dec. 4.
Knitted wool and cotton goods in the piece. Vary Knit Co. 179,836; July 3.
Knitted woolen piece goods. Garfield Worsted Mills. 178,604; July 31.
Knitted worsted and fiber-silk fabrics. Knitted Textiles Corporation. 181,752; Aug. 7.
Lace edgings in the piece. Marvello Lace Company. 168,220; Apr. 24.
Laces and cotton and silk goods. Morisse Lace & Embroidery Co. 177,986; May 15.
Laces and upholstery goods. Alb. & E. Henkels, Inc. 169,210–11; Sept. 11.
Laces, embroideries, handkerchiefs, and cotton and silk goods. Morisse Lace & Embroidery Co. 177,986; Aug. 7.
Laces, handkerchiefs, and embroideries. Morisse Lace & Embroidery Co. 177,985; Dec. 4.
Laces, handkerchiefs, embroideries, draperies, etc. Nottingham Lace Works. 179,316; Oct. 2.
Laces, handkerchiefs, embroideries, etc. Nottingham Lace Works. 179,317; Sept. 25.
Laces, nets, nettings, veils, and veilings. Liberty Lace and Netting Works. 185,663; Dec. 11.
Laces, silk and fiber and silk and wool, Silk. Lace-Net Importing Co. 169,766; June 12.
Laundry machines, Woven cotton feed ribbons for. Tingue, Brown & Co. 175,532; Oct. 2.
Linen and cotton cloths. Farley Harvey Company. 184,965; Oct. 16.
Linen and cotton cloths and woolen blankets. Farley Harvey Company. 183,203; Oct. 16.
Linen and cotton cloths and woolen blankets. Farley Harvey Company. 183,206; Oct. 16.
Linen and cotton fabrics in the piece, table cloths, napkins, handkerchiefs, etc. James McCutcheon & Company. 166,391; Jan. 30.
Linen and cotton piece goods, etc. Derryvale Linen Co. 171,260; Mar. 6.
Linen and cotton piece goods, etc. Derryvale Linen Co. Inc. 171,261; Mar. 13.
Linen, canvas, cotton, and sail cloth piece goods. Lamport Company of Texas Inc. 173,133; Aug. 28.
Linen, canvas, cotton, etc., piece goods. Lamport Export Company. 173,134; Mar. 6.
Linen goods in the piece, handkerchiefs, etc. Ireland Bros. Inc. 161,256; Oct. 23.
Linen, half-linen, and cotton fabrics. Linnenfabrieken E. J. F. Van Dissel & Zonen. 179,611; Oct. 2.
Linen, handkerchiefs, towels, curtains, etc., Table and bed. M. G. Guerra Co. Inc. 175,786; Apr. 3.
Linen in the piece, linen table covers and napkins, Pure. T. Buettner & Co. 177,895; May 15.
Linen piece goods. J. A. Finn & Company. 183,207; Sept. 25.
Linen piece goods. Thomas Young Inc. 181,231; Aug. 14.
Linen, ramie, hemp, etc., piece goods. Montgomery L. Hart, Inc. 177,488; Aug. 7.
Linens and decorated linens in the piece. Danda-Halpern Co. 177,963; June 12.
Linings, pocketings, and interlinings, Cotton-fabric. Goetz-Berlin Co. 175,486; Aug. 7.
Linings, pocketings, and interlinings. Goetz-Berlin Co. 175,485; Aug. 28.
Madras in the piece. Carter Dry Goods Co. 169,004; May 15.
Muslin in the piece. Marshall Field & Company. 181,263; Aug. 7.
Muslin in the piece. Marshall Field & Company. 181,265; Oct. 23.
Muslins, sheeting, pillowcases, etc. John H. Hibben Dry Goods Co. 186,505; Dec. 18.
Nainsook, sheets, diaper cloth, quilts, and long cloth. Meyer's Company. 166,238; Jan. 30.
Nankins and tickings in the piece. Freund, Freund & Company. 178,835; July 31.
Net and silk lace piece goods, etc. David E. Schwab & Company. 185,093; Dec. 4.
Nets, draperies, and curtains made of cotton. Patchogue-Plymouth Mills Corporation. 169,924; May 8.
Percales in the piece. Carter Dry Goods Co. 169,002; May 15.
Percales in the piece. Carter Dry Goods Co. 169,006; May 15.
Percales in the piece. Carter Dry Goods Company 169,280; June 19.
Piece goods. Bradford Dyers' Association, Limited. 122,462–3; Feb. 27.
Piece goods. Bradford Dyers' Association, Limited. 122,512; Feb. 27.
Piece goods. Bradford Dyers' Association, Limited. 122,515; Feb. 27.
Piece goods. Bradford Dyers' Association, Limited. 132,074; Mar. 6.
Piece goods. Bradford Dyers' Association, Limited. 179,583; Aug. 14.
Piece goods, etc. Derryvale Linen Co. 171,262–4; Mar. 6.
Piece goods for draperies. Geo. Brooks & Son Company. 180,045; Aug. 21.
Piece goods of cotton. Liberty & Co. Limited. 171,808; Mar. 27.
Piece goods of wool, cotton, silk, linen, and mixtures. Cohn Goldwater Company. 182,567; Sept. 25.
Piece goods of wool, worsted, or hair. R. G. Maxwell & Co. 181,605; July 24.
Piece goods used as casket linings and trimmings. Theo. Tiedemann & Sons, Inc. 151,725; Mar. 6.
Pile fabrics. Tingue Manufacturing Company. 183,895; Oct. 2.
Pile fabrics in the piece. Sidney Blumenthal & Co. 171,894–5; Jan. 30.
Pile fabrics in the piece. Sidney Blumenthal & Co. 182,201; Aug. 21.
Pile fabrics in the piece. Sidney Blumenthal & Co. Inc. 175,764; May 15.
Pile fabrics in the piece. Sidney Blumenthal & Co. Inc. 175,766; May 15.
Pile fabrics in the piece. Pennsylvania Textile Mills, Inc. 181,307; Aug. 7.
Pile fabrics in the piece. Salt's Textile Manufacturing Company. 184,520; Oct. 2.
Pile fabrics in the piece. Salt's Textile Manufacturing Company. 184,523; Oct. 2.
Pile fabrics in the piece. Salt's Textile Manufacturing Company. 184,565–6; Oct. 2.
Pillow and bolster cases, bed sheets, shams, scarfs, table covers, and napkins. Washington Embroidery Co. 174,805; Apr. 10.
Pillowcases. Naumkeag Steam Cotton Co. 145,957–8; July 10.

Classified list of trade-mark titles—Continued.

Pillowcases. J. C. Penney Company. 185,671; Nov. 13.
Plushes in the piece. Hind & Harrison Plush Co. 183,211; Oct. 16.
Pongee in the piece, All-silk. Murray Trading Co. 176,909; May 29.
Pongee, Silk. J. A. Finn & Co. 157,561; Feb. 27.
Poplins in the piece, Cotton. American Bleached Goods Company. 179,255; July 10.
Quilts and textile blankets. I. Rothchild. 179,961; Aug. 28.
Ratine in the piece. Susquehanna Silk Mills. 177,147; Apr. 24.
Ribbons. Mapele Silk Manufacturing Co. Inc. 166,781; Jan. 30.
Ribbons. Wertheimer Brothers. 176,052; Apr. 24.
Ribbons and hatbands. Cohen & Kraus. 169,892; Mar. 20.
Ribbons in the piece. Johnson, Cowdin & Co. 156,834; Jan. 30.
Ribbons in the piece, Silk. Taylor-Friedsam Company. 171,877–8; Jan. 30.
Ribbons in the piece, Silk. Taylor-Friedsam Company. 175,575; May 22.
Ribbons in the piece, Silk. Taylor-Friedsam Company. 176,860; Apr. 24.
Ribbons in the piece, Silk and cotton. O. Lion. 182,249; Sept. 18.
Rugs and carpets. O. W. Richardson & Co. 175,944; May 15.
Rugs and carpets, Textile. O. W. Richardson & Co. 168,552; Aug. 14.
Rugs and hair nets, Handmade Chinese wool. Stero Corporation. 184,191; Oct. 2.
Rugs, carpets, and other textile floor coverings. Mars Grand Rug Co. 183,390; Sept. 18.
Rugs, Chenille. Firth Carpet Company. 183,142; Sept. 25.
Rugs made of grass and fiber. Hillside Cotton Mills. 171,366; Jan. 2.
Rugs, Textile. A. & M. Karagheusian, Inc. 184,912; Oct. 16.
Rugs, Textile. C. W. Kayser. 170,530; Jan. 2.
Rugs, Textile. Kent-Costikyan Trading Company Inc. 175,661; Apr. 24.
Rugs, Wool. Philadelphia Rug Mills, Inc. 171,549; Feb. 20.
Rugs, Woven jute floor. S. Cohen & Son. 184,959; Oct. 30.
Sateen, cotton, and silk mixed piece goods and cotton piece goods. H. Jacobs & Sons Inc. 183,526; Oct. 16.
Sateen in the piece, Shadow-stripe cotton. Bedford Mills, Inc. 174,059; Mar. 6.
Sateen piece goods. Voss & Stern. 179,693; July 17.
Sateens, Imitation. Jacob S. Bernheimer & Bro. 179,087; Aug. 14.
Sateens, Warp. Wm. Simpson, Sons & Co. 180,147; Nov. 6.
Satin in the piece, Cotton-back. Schwarzenbach Huber Company. 180,146; July 3.
Serge piece goods. H. Mitchell. 176,492; June 5.
Serges in the piece. Howse, Mead & Sons, Lt. 178,722; June 5.
Shade cloth of sized and painted fabric. Interstate Shade Cloth Co. 184,613; Nov. 6.
Shade cloth, Window-. Chemitex Products Company. 163,434; Mar. 6.
Shade material, lace curtains, etc., Window-. Rasch & Gainor. 185,888; Dec. 25.
Shades, Fabric for window. James, Baron Ashton. 172,190; Dec. 4.
Sheeting for covering the padding on ironing rolls, Cotton. Tingue, Brown & Co. 170,166; Jan. 23.
Sheeting, knitted padding, netting, and canvas and duck piece goods, Cotton. Tingue, Brown & Co. 170,167; Jan. 30.
Sheeting, Unbleached. Consolidated Textile Corporation. 172,031; July 24.
Sheetings and drills, Unbleached. R. A. Suffern. 157,109; Apr. 17.
Sheetings and drills, Unbleached. R. A. Suffern. 166,856; Mar. 27.
Sheetings and pillowcases. Service Equipment Co. 183,236; Aug. 28.
Sheetings and pillowcases. Service Equipment Co. 183,237; Oct. 16.
Sheetings and shirtings. Pacific Mills. 158,725; May 8.
Sheets and pillowcases. Abraham & Straus, Inc. 182,279; Sept. 18.
Sheets and pillowcases. B. B. & R. Knight, Inc. 181,489; Aug. 7.
Sheets and pillowcases. Marshall Field & Company. 140,289; Apr. 10.
Sheets, pillowcases, bedspreads, table linens, towels, Bed. Mosse, Inc. 180,022; Aug. 21.
Sheets, sheeting, pillowcases, etc. Peerless Cotton Mills. 182,989; Dec. 4.
Sheets, sheeting, pillowcases, etc. Peerless Cotton Mills. 182,991; Dec. 4.
Sheets, spreads, and pillowcases, Bed. Schindel & McDaniels. 177,521; June 5.
Shirtings. W. Harris Thurston & Co. 160,100; July 17.
Shirtings and percales, Printed. Everett, Heaney & Co., Inc. 166,820; Apr. 24.
Shirtings and percales, Printed. Everett, Heaney & Co. 166,821; June 5.
Shirtings and percales, Printed. Everett, Heaney & Co., Inc. 166,823; Apr. 24.
Shoe fabrics. Peters Manufacturing Company. 176,209; Apr. 10.
Silk and artificial-silk, cotton, linen, etc., piece goods. Schwarzenbach Huber Company. 180,145; July 3.
Silk and artificial-silk piece goods. Robert Rosenthal & Co. 167,489; Oct. 16.
Silk and artificial-silk piece goods, cotton, wool, and combinations thereof. M. Feist. 170,059; Jan. 9.
Silk and cotton and cotton fabrics, Printed and piece-dyed. Clarence Whitman & Son, Inc. 177,713; June 26.
Silk and cotton crêpe in the piece. Tilton & Keeler, Inc. 177,149; June 19.
Silk and cotton mixed goods in the piece. Susquehanna Silk Mills. 178,304; May 15.
Silk and cotton mixture goods and cotton piece goods. Voss & Stern. 177,938; Dec. 18.
Silk and cotton piece goods. Marshall Field & Company. 165,923; Mar. 27.
Silk and cotton piece goods. Voss & Stern. 185,545; Nov. 20.
Silk and cotton warp mixture piece goods. Nathan & Cohen Co. 162,999; Jan. 2.
Silk and ramie piece goods, Combination of. H. G. Warland. 173,060; Mar. 6.
Silk and satin piece goods. McLane Silk Company. 183,221; Sept. 25.
Silk and silk and cotton goods and artificial silk in piece. Artsilk Knitting Mills. 168,348; June 12.
Silk and velvet goods in the piece, Hand-decorated. C. E. Garratt. 178,915; June 5.
Silk and wool crêpe in the piece. M. C. Hoffman & Co. 176,546; May 1.
Silk and wool fabrics and mixtures thereof in the piece. J. A. Migel, Inc. 177,505; May 29.
Silk and wool mixed piece goods. Susquehanna Silk Mills. 181,155; Oct. 9.
Silk, artificial-silk, cotton, linen, and woolen piece goods. Haas Brothers Fabric Corporation. 174,006; Mar. 6.
Silk, artificial-silk, etc., piece goods. Jersey Silk Mills. 182,817; Oct. 2.
Silk, artificial-silk, etc., piece goods. Jersey Silk Mills. 182,819; Oct. 9.
Silk, artificial silk, wool piece goods, and combinations thereof. Travis, Romaine & Jellé, Inc. 174,543; May 29.
Silk, Broad. J. A. Migel, Inc. 174,969; Aug. 14.
Silk chiffon cloth. Voss & Stern. 184,372; Oct. 2.
Silk, cotton, and a mixture of silk and cotton piece goods. A. S. Rosenthal Company. 182,933; Sept. 25.
Silk, cotton, and silk and cotton mixed piece goods. L. Schoolhouse. 177,876; May 15.
Silk, cotton, and silk and cotton piece goods. Fried, Mendelson & Co. 180,275; Aug. 7.
Silk, cotton, and textiles in the piece and by the yard. H. Meyers Co. 182,254; Aug. 21.
Silk, cotton, and wool piece goods, and combinations thereof. Arthur Beir & Co. 174,953; Aug. 28.
Silk, cotton, and wool piece goods and combinations thereof, etc. S. Sinai. 169,607; Jan. 2.
Silk, cotton, and wool piece goods and mixtures of same. Hyman Bauman & Co. 178,657; May 22.
Silk, cotton, and woolen piece goods and mixtures of the same. Valentine & Bunker. 177,805; May 1.
Silk, cotton, etc., piece goods. Haas Brothers Fabrics Corporation. 183,740–2; Sept. 18.
Silk, cotton, etc., piece goods. Haas Brothers Fabrics Corporation. 183,924; Dec. 4.
Silk, cotton, etc., piece goods. Société Rodier. 180,504; July 10.
Silk, cotton, etc., piece goods. Société Rodier. 180,506; July 10.
Silk, cotton, etc., piece goods. Travis, Romaine & Jellé, Inc. 174,545; Apr. 24.
Silk, cotton, etc., piece goods and combinations thereof. Travis, Romaine & Jellé, Inc. 174,544; May 22.
Silk, cotton, linen, and woolen goods in the piece. Haas Brothers Fabrics Corporation. 182,343; Sept. 18.
Silk, cotton, linen, and woolen piece goods. Haas Brothers Fabrics Corporation. 182,344; Aug. 28.
Silk, cotton, linen, and woolen piece goods. Haas Brothers Fabrics Corporation. 183,738; Sept. 18.
Silk, cotton, linen, and woolen piece goods. Roubaix Mills, Inc. 182,359; Aug. 28.
Silk, cotton, silk and cotton, etc., piece goods. Voss & Stern. 184,045; Dec. 18.
Silk, cotton, wool, and mixtures of same piece goods. Societe Rodier. 180,505; Aug. 28.
Silk, cotton, wool piece goods and combinations thereof. J. A. Migel, Inc. 175,670; Apr. 24.
Silk crapes in the piece. Travis, Romaine & Jelle, Inc. 186,305; Dec. 11.
Silk crepe piece goods. Zollinger and Schroth, Inc. 173,869; Mar. 6.
Silk fabric, All-. A. S. Rosenthal Co. 176,502; May 1.
Silk fabric, Artificial-. Société Pour La Fabrication De La Soie "Rhodiaseta." 173,540; Nov. 20.
Silk fabrics. Cheney Brothers. 185,202; Oct. 16.
Silk fabrics. Corticelli Silk Company. 180,590; July 17.

Classified list of trade-mark titles—Continued.

Silk fabrics. Corticelli Silk Company. 184,388–9; Oct. 16.
Silk fabrics. Corticelli Silk Company. 184,391; Oct. 16.
Silk fabrics. Coudurier Fructus, & Descher. 151,613; Oct. 30.
Silk fabrics. Golding Fabrics Corporation. 180,859; July 17.
Silk fabrics. Golding Fabrics Corporation. 181,181; July 17.
Silk fabrics. Golding Fabrics Corporation. 181,183; July 17.
Silk fabrics. Golding Fabrics Corporation. 183,336; Aug. 28.
Silk fabrics in the piece. Cheney Brothers. 177,035; May 8.
Silk fabrics in the piece. Cheney Brothers. 180,521; July 10.
Silk fabrics in the piece. Cheney Brothers. 181,061; July 17.
Silk fabrics in the piece. J. H. & C. K. Eagle, Inc. 151,154; Mar. 13.
Silk fabrics in the piece. Schoonmaker Bros. & Company. 182,360; Sept. 18.
Silk goods in the piece. Jacob Miller's Sons Co. 181,038; Aug. 28.
Silk goods in the piece. Moss Brothers. 170,444; Sept. 18.
Silk goods in the piece. Salembier & Clay, Inc. 176,045; Apr. 10.
Silk goods in the piece, Broad. Lenapé Silk Company. 175,089; Apr. 10.
Silk in the piece, Artificial. R. H. Macy & Co. 182,314; Sept. 25.
Silk in the piece, Artificial. L. & E. Stirn. 173,685; Mar. 13.
Silk in the piece, Broad. Artsilk Knitting Mills. 169,743; June 19.
Silk knitted cloth in the piece. Banner Silk Knitting Mills, Inc. 177,161; May 22.
Silk knitted fabric, Artificial-. N. Halperin. 171,843; Jan. 30.
Silk piece goods. Chopak Textile Co. 185,176; Dec. 18.
Silk piece goods. Corticelli Silk Company. 170,624; Oct. 30.
Silk piece goods. Duplan Silk Corporation. 175,473; Apr. 3.
Silk piece goods. Duplan Silk Corporation. 178,970–1; June 12.
Silk piece goods. Duplan Silk Corporation. 178,973–9; June 12.
Silk piece goods. Duplan Silk Corporation. 181,255–60; July 17.
Silk piece goods. Duplan Silk Corporation. 183,262; Sept. 25.
Silk piece goods. Duplan Silk Corporation. 187,208–9; Dec. 25.
Silk piece goods. Empire Silk Company. 177,368; May 1.
Silk piece goods. Empire Silk Company. 179,663; July 31.
Silk piece goods. Empire Silk Company. 181,177; Sept. 25.
Silk piece goods. Empire Silk Company. 181,178; July 17.
Silk piece goods. Empire Silk Company. 184,605; Oct. 2.
Silk piece goods. Empire Silk Company. 185,179; Oct. 16.
Silk piece goods. Empire Silk Company. 186,547; Dec. 11.
Silk piece goods. Golding Fabrics Corporation. 170,276; Jan. 23.
Silk piece goods. Golding Fabrics Corporation. 170,277; Mar. 27.
Silk piece goods. Golding Fabrics Corporation. 170,278; Jan. 30.
Silk piece goods. Golding Fabrics Corporation. 170,376; Jan. 30.
Silk piece goods. Golding Fabrics Corporation. 170,647; Mar. 13.
Silk piece goods. Golding Fabrics Corporation. 181,182; Aug. 14.
Silk piece goods. Haas Brothers Fabrics Corporation. 177,844–5; May 15.
Silk piece goods. M. A. Heyman. 176,407; May 29.
Silk piece goods. Jefferson Silk Company. 185,710; Dec. 4.
Silk piece goods. H. R. Mallinson & Co. Inc. 172,754; Mar. 6.
Silk piece goods. H. R. Mallinson & Co. 172,755–6; Feb. 13.
Silk piece goods. H. R. Mallinson & Co. 173,137–8; Feb. 13.
Silk piece goods. H. R. Mallinson & Co. Inc. 173,139; Apr. 24.
Silk piece goods. H. R. Mallinson & Co. Inc. 174,020; Apr. 17.
Silk piece goods. H. R. Mallinson & Co. Inc. 177,092; May 1.
Silk piece goods. H. R. Mallinson & Co. Inc. 178,110; May 15.
Silk piece goods. H. R. Mallinson & Co. Inc. 178,524; May 15.
Silk piece goods. H. R. Mallinson & Co. 186,559; Dec. 18.
Silk piece goods. T. J. Mitchell & Co. Inc. 177,400; May 15.
Silk piece goods. Oriental Silk Printing Company. 179,318; June 12.
Silk piece goods. E. A. Rieger. 170,899; Jan. 30.
Silk piece goods. Robinson Silk Company. 169,500; Mar. 27.
Silk piece goods. Robinson Silk Company. 170,309–11; Jan. 30.
Silk piece goods. Robinson Silk Company. 186,159; Dec. 11.
Silk piece goods. D. I. Salomon. 172,397; June 26.
Silk piece goods. Schwarzenbach Huber Company. 174,412; June 5.
Silk piece goods. Susquehanna Silk Mills. 174,868; Apr. 17.
Silk piece goods. Voss & Stern. 160,325; June 19.
Silk piece goods. Voss & Stern. 177,933; Dec. 18.
Silk piece goods. Voss & Stern. 177,934; Dec. 4.
Silk piece goods. Wechsler Barber Silk Company. 181,506; Aug. 7.
Silk piece goods. Zollinger & Schroth, Inc. 175,906; Apr. 10.
Silk piece goods, All-. Susquehanna Silk Mills. 181,154; Oct. 9.
Silk piece goods and artificial-silk, cotton, etc., piece goods and combinations thereof. Bentley & Twohey Silk Co. 172,197; June 26.
Silk piece goods, and silk and cotton mixture piece goods. Samuel Eiseman & Co. 171,691; June 5.
Silk ribbons in the piece. W. V. Judkins. 177,672; June 26.
Silk, silk and artificial-silk, etc., piece goods. Jersey Silk Mills. 182,821; Oct. 2.
Silk, silk and cotton mixed, and cotton piece goods. Fried, Mendelson & Co. 168,148; Feb. 13.
Silks and laces in the piece. Chas. A. Stevens & Bros. 182,447; Sept. 11.
Silks and silk and cotton goods in the piece, Broad. H. Kobayashi & Co. 170,769; June 19.
Silks, cotton, wool, and mixtures thereof and shirtings in the piece. Turner & Walls. 176,928; May 29.
Silks in the piece. Jansen & Pretzfeld, Inc. 164,645; Nov. 13.
Silks in the piece. Jansen & Pretzfeld, Inc. 173,084; Mar. 20.
Silks in the piece. Jansen & Pretzfeld, Inc. 173,966; Mar. 6.
Silks in the piece. Jansen & Pretzfeld, Inc. 186,710; Dec. 11.
Silks in the piece. Chas. A. Stevens & Bros. 182,446; Sept. 11.
Silks in the piece and silk and cotton piece goods, Broad. Stehli Silks Corporation. 168,383; June 12.
Silks in the piece, Broad. Stehli Silks Corporation. 169,789; Jan. 30.
Silks, silk and cotton mixtures, cotton goods, linens, and draperies. Marbletex Co. 175,938; Apr. 10.
Tablecloths, napkins, doilies, etc. John C. Sleater Co. 177,701; July 10.
Tablecloths, napkins, scarfs, etc. F. W. Hillig. 161,549; July 17.
Tablecloths, sheets, pillowcases, napkins. A. S. Herrmann. 167,082; May 22.
Tapestries, panels, centerpieces, and runners. A. Klekner. 176,410; Dec. 11.
Textile fabrics. Associated Textile Manufacturers, Inc. 174,279; Oct. 2.
Textile fabrics. International Worsted Mills. 183,214; Sept. 25.
Textile fabrics. Schweiz Decken- und Tuchfabriken Pfungen-Turbenthal. 181,571; Sept. 25.
Textile fabrics, also silk ribbons. Oriental Silk Printing Company. 185,141; Dec. 4.
Textile fabrics, foulards, etc., Dyed and printed. United Piece Dye Works. 177,152; Sept. 25.
Textile fabrics in the piece, etc., Woven and knitted. Knitted Textile Corporation. 179,798–9; July 3.
Textile fabrics. Valentine & Bunker. 175,630; Apr. 17.
Textile fabrics, Manufactured. Associated Textile Manufacturers, Inc. 175,232; Apr. 17.
Textile fabrics, Worsted and woolen. Holden-Leonard Company. 186,376–7; Dec. 11.
Textile material. Warren Products Company. 178,685; July 24.
Threads. Manufacturers Supplies Company. 158,936; May 22.
Ticking. P. R. Mitchell Co. 178,931; Sept. 25.
Tire fabrics in the piece. Salmon Falls Manufacturing Company. 179,323; July 17.
Tire fabrics in the piece, Cotton. Manhasset Manufacturing Company. 170,439–40; Apr. 3.
Toweling, Terry. Holt Manufacturing Co. 184,499; Oct. 23.
Towels and toweling. Goldsmith, Lowenfels & Co. 171,173; Jan. 16.
Towels and toweling, Woven cotton. Boott Mills. 177,164; Aug. 7.
Towels, sheets, pillowcases, etc. Hale Bros., Inc. 185,019; Nov. 6.
Typewriter ribbon, Cloth used for making. Rose & Frank Company. 172,175; Jan. 30.

Upholstery and drapery fabric. Henry Goldthorp Company. 170,063; Apr. 17.
Upholstery and drapery textile fabrics of wool, silk, etc. Morton Brothers Inc. 187,586; Dec. 25.
Upholstery, Automobile. A. Boyriven. 165,120; July 24.
Upholstery fabrics. Sidney Blumenthal & Co. 175,763; Aug. 7.
Upholstery fabrics. Sidney Blumenthal & Co. 175,765; Aug. 7.
Veils and silk cloth in the piece. Vanity Fair Silk Mills. 176,583; Aug. 28.
Velour coating piece goods, Wool. C. Bahnsen & Co. 186,541; Dec. 18.
Velvet, plush, etc., Collins & Aikman Co. 180,654; Oct. 2.
Velvets in the piece. Coudurier, Fructus & Descher. 177,548; Aug. 28.
Velvets in the piece, Silk. J. A. Migel, Inc. 181,840; Oct. 9.
Velvets in the piece, Silk and silk and cotton. Coudurier Fructus & Descher. 174,357; Mar. 6.
Voile. Max Schwarz Textile Corporation. 185,797; Nov. 20.
Voile in the piece. Max Schwarz Textile Corporation. 170,795; Mar. 27.
Voiles and dress goods in the piece, Cotton. Abraham & Straus, Inc. 181,579; Aug. 21.
Wash cloth and towel, Textile. Embourg Textile Co. 171,013; Feb. 20.
Wool and cotton admixture piece goods. Samuel Kirk & Sons, Limited. 132,052; Apr. 3.
Wool, etc., goods in the piece. J. B. Ellison & Sons. 182,536; Oct. 9.
Wool piece goods. Roubaix Mills, Inc. 179,167; June 5.
Wool pile fabric. Botany Worsted Mills. 180,358–9; July 24.
Wool textile piece goods. W. H. Holbrook Company. 177,489; June 19.
Wool, worsted, mohair, etc., fabrics in the piece. Salt's Textile Manufacturing Company. 159,120; June 12.
Wool, worsted, silk, cotton, and linen piece goods. Star Textile Mills, Inc. 169,935; May 15.
Woolen cloth. Frankenberg, Morgan & Singleton. 180,659; July 31.
Woolen cloth in the piece. S. Stein & Company. 184,190; Nov. 13.
Woolen cloths in the piece. S. Stein & Co. 164,459; Jan. 30.
Woolen cloths in the piece. S. Stein & Co. 166,478; Feb. 6.
Woolen cloths in the piece for suitings, etc. S. Stein & Co. 164,462; June 12.
Woolen cloths in the piece for suiting, etc. S. Stein & Co. 173,259; June 12.
Woolen fabrics. H. Coleman. 182,234; Aug. 28.
Woolen fabrics. W. H. Stewart. 175,629; June 5.
Woolen fabrics in the piece. American Uniform Company. 170,115; Apr. 24.
Woolen fabrics in the piece. Continental Mills, Inc. 181,731–2; Aug. 7.
Woolen goods in the piece. Grant S. Kelley Inc. 175,930; Apr. 10.
Woolen goods in the piece. Worumbo Manufacturing Company. 180,351; July 10.
Woolen homespun textile fabrics in the piece. Grove Park Inn, Inc. 172,988; June 5.
Woolen, mohair, jute cotton, silk, and linen fabrics. Kunst & Small Co. 181,195; Aug. 28.
Woolen piece goods. American Interseas Corporation. 166,866; Dec. 4.
Woolen piece goods. American Woolen Company. 181,372; Aug. 7.
Woolen piece goods. Atlantic Mills. 177,946; July 17.
Woolen piece goods. Atlantic Mills. 186,406; Dec. 11.
Woolen piece goods. Farnsworth Mills Inc. 180,969; July 17.
Woolen piece goods. Finsilver, Still & Moss, Inc. 172,589; Oct. 2.
Woolen piece goods. Forstmann & Huffmann Company. 169,441; Apr. 24.
Woolen piece goods. Forstmann & Huffmann Company. 172,217; Jan. 30.
Woolen piece goods. Forstmann & Huffmann Company. 173,962; Mar. 6.
Woolen piece goods. Forstmann & Huffmann Company. 175,482; Apr. 3.
Woolen piece goods. Forstmann & Huffmann Company. 178,986; June 12.
Woolen piece goods. Forstmann & Huffmann Company. 178,988; June 12.
Woolen piece goods. Forstmann & Huffmann Company. 178,989; June 5.
Woolen piece goods. Forstmann & Huffmann Company. 178,990–1; June 12.
Woolen piece goods. Forstmann & Huffmann Company. 178,992–4; June 5.
Woolen piece goods. Forstmann & Huffmann Company. 178,995–7; June 12.
Woolen piece goods. Forstmann & Huffmann Company. 185,112–3; Oct. 16.
Woolen piece goods. Forstmann & Huffmann Company. 185,114; Nov. 20.
Woolen piece goods. Forstmann & Huffmann Company. 185,115–17; Oct. 16.
Woolen piece goods. Forstmann & Huffmann Company. 186,892; Dec. 25.
Woolen piece goods. Forstmann & Huffmann Company. 186,895–7; Dec. 25.
Woolen piece goods. Forstmann & Huffmann Company. 187,572–3; Dec. 25.
Woolen piece goods. Forstmann & Huffmann Company. 187,575; Dec. 25.
Woolen piece goods. Hager, Clark & Co. 174,007; Apr. 3.
Woolen piece goods. Keely & Watson. 164,852; June 5.
Woolen piece goods. R. A. Linton. 178,930; June 5.
Woolen piece goods. Pendale Woolen Mills. 183,161; Aug. 28.
Woolen piece goods. Roubaix Mills, Inc. 187,541; Dec. 25.
Woolen piece goods. H. W. Schwab, Inc. 177,925; Aug. 21.
Woolen piece goods. S. Stein & Company. 184,568; Oct 30.
Woolen piece goods. E. J. Wile & Co. 181,926; Sept. 1.
Woolen piece goods. Worumbo Manufacturing Company. 174,375; Mar. 6.
Woolen piece goods, Woven. Atlantic Mills. 172,316; May 22.
Woolen, worsted piece goods. Bell Company. 179,769; Sept. 18.
Woolens and worsteds in the piece. Warmbirds, Inc. 180,312; July 10.
Worsted and woolen dress goods. F. A. Bochmann & Co. 187,242–3; Dec. 25.
Worsted and woolen dress goods in the piece. F. A. Bochmann & Co. 175,051–2; May 29.
Worsted and woolen textile fabrics. Holden-Leonard Co. 162,002; Jan. 9.
Worsted and woolen textile fabrics. Holden-Leonard Co. 169,971; Jan. 2.
Worsted and woolen textile fabrics. Holden-Leonard Company. 173,423; Feb. 20.
Worsted and woolen textile fabrics. Holden-Leonard Company. 186,367; Dec. 18.
Worsted and woolen textile fabrics. Holden-Leonard Company. 186,369; Dec. 18.
Worsted and woolen textile fabrics. Holden-Leonard Company. 186,372; Dec. 18.
Worsted and woolen textile fabrics. Holden-Leonard Company. 186,374; Dec. 18.
Worsted fabrics, Novelty. International Worsted Mills. 174,787; June 12.
Worsted piece goods. W. M. Biggar & Co. 174,165; Apr. 3.
Worsted piece goods, Tropical. Tropical Worsted Company. 169,836; Mar. 27.
Worsted rep. Botany Worsted Mills. 181,334; Aug. 14.
Worsted, woolen, cotton, worsted and cotton, woolen and cotton, etc., piece goods. Walther Manufacturing Co. 179,176–7; June 12.
Worsted, woolen, etc., piece goods. Walther Manufacturing Co. 179,902; July 3.
Worsted, worsted and cotton, etc., piece goods. Walther Manufacturing Co. 179,569; July 3.
Worsted yarn fabric. Botany Worsted Mills. 178,989; July 24.
Worsted yarn fabric known as reps. Botany Worsted Mills. 179,987–8; July 17.
Worsteds in the piece, Tropical. International Worsted Mills. 174,786; June 12.
Woven cotton and woolen fabrics. China and Japan Trading Company. 171,831; Jan. 30.
Woven fabrics, Imported. H. Baechtold. 174,032; Apr. 3.
Woven, knitted, netted, textile, and pile fabrics in the piece. Cheney Brothers. 181,378; Aug. 7.
Woven mesh fabrics. John Hollbach Company. 176,628; June 12.
Woven textile fabrics. Esmond Mills. 181,339; Aug. 7.

CLASS 43.

Cotton, cotton thread, cotton yarn, Spool, sewing, etc. American Thread Company. 175,910; Apr. 10.
Cotton, Darning. William T. Palmer & Company. 173,852; Mar. 27.
Cotton, Spool. W. Warren Thread Wks. 165,330; Jan. 2.
Cotton, Spool. W. Warren Thread Wks. 165,336; Jan. 2.
Knitting wool. James Templeton & Son, Ltd. 174,870; Apr. 17.
Package, Art-needlework. Bernard Ulmann Co. 179,286; Aug. 7.
Silk, Sewing. H. K. H. Silk Co. 181,594; Aug. 14.
Silk, Spool. Gudebrod Bros. Silk Co. 175,785; June 26.
Silk, Spun. Mesquita & Lange. 174,665; June 19.
Silk, Thrown. Baer Company. 154,119; Jan. 30.
Thread and yarn. D. E. Adams Co. 165,849; Jan. 30.
Thread and yarn. N. Chertoff, Inc. 159,140. Apr. 3.
Thread and yarn. J. & P. Coats (R. I.) Inc. 181,729; Aug. 7.
Thread and yarn, Cotton. American Thread Company. 183,640; Oct. 2.
Thread and yarn. Cotton. Manhasset Manufacturing Company. 167,728; Jan. 9.

Thread and yarn, Cotton. Manhasset Manufacturing Company. 170,889; Jan. 30.
Thread and yarn, Cotton. Manhasset Manufacturing Company. 171,179; Jan. 2.
Thread, Artificial-silk. Societe Generale de Soie Artificielle par le Procede Viscose. 164,348; Aug. 21.
Thread, Cotton. Smith & Dove Manufacturing Co. 167,059; Jan. 23.
Thread, Cotton. Smith & Dove Manufacturing Co. 179,230; June 19.
Thread, Cotton. Smith & Dove Manufacturing Co. 179,231; Nov. 13.
Thread, Cotton. Societe en Commandite Maurice Frings & Cie. 177,573; May 8.
Thread, Cotton. Societe en Commandite Maurice Frings & Cie. 182,384; Dec. 4.
Thread, Cotton glazed braider. Worcester Bleach & Dye Works Co. 185,642; Oct. 30.
Thread for stringing pearls and beads, Silk. L. F. Rosenberg. 178,933; Mar. 29.
Thread, Linen. Linen Thread Company. 160,711; Dec. 25.
Thread, Linen. Linen Thread Company. 160,712; Aug. 28.
Thread, Linen. Smith & Dove Manufacturing Co. 166,857; Jan. 2.
Thread, Sewing. Barbour Flax Spinning Co. 179,984; July 10.
Thread, Sewing. La Société En Nom Collectif J. Thiriez Pere & Fils. 182,919; Aug. 28.
Thread, Shoe. Barbour Brothers Co. 160,335; June 26.
Thread, Silk. N. Chertoff. 184,234; Oct. 16.
Thread, Spool and tube. W. Warren Thread Wks. 166,920; Jan. 9.
Threads. Manufacturers Supplies Company. 158,632; June 5.
Threads. Manufacturers Supplies Company. 158,633; May 22.
Threads. Manufacturers Supplies Company. 171,334; Jan. 2.
Threads and threads of cotton and silk, Silk. Corticelli Silk Company. 184,384; Oct. 2.
Threads and yarns. M. J. Grady Company. 173,078; Feb. 13.
Threads and yarns. Gruber Yarn Corporation. 181,744; Sept. 25.
Threads and yarns, Artificial-silk. Fabrique de Soie Artificielle de Tubize, Societe Anonyme. 154,406; Feb. 20.
Threads and yarns, Silk. Gudebrod Bros. Silk Co. 179,721; Dec. 11.
Threads, Linen. Barbour Flax Spinning Co. 179,985; July 31.
Threads made of cellulose derivatives. British Cellulose and Chemical Manufacturing Company. 165,002; Sept. 18.
Threads, Pure and artificial silk. H. K. H. Silk Co 173,766; Mar. 6.
Threads, Pure and artificial silk. H. K. H. Silk Co. 173,828; Apr. 17.
Threads, Silk. H. K. H. Silk Co. 173,600; Oct. 30.
Threads, twists, and artificial embroidery, flosses, Silk and cotton. H. K. H. Silk Company. 164,540–1; Jan. 9.
Yarn. Fireside Yarns Company. 161,676; Feb. 6.
Yarn. Wm. H. Horstmann Company. 172,475; Apr. 3.
Yarn. Wm. H. Horstmann Company. 176,999; Apr. 17.
Yarn. C. Lawrence. 177,006; May 29.
Yarn. C. D. Newell. 165,756; Jan. 9.
Yarn. C. D. Newell. 177,420; July 17.
Yarn. Wyman, Partridge & Co. 156,207; Apr. 3.
Yarn and sewing cotton, Cotton. Manchester Reeling and Winding Company. 170,332; Feb. 6.
Yarn, thread for art needlework, embroidery, etc. Bernhard Uhlmann Co. 177,421; June 5.
Yarn, Wool. Wollgarnfabrik Fulda G. m. b. H. 171,677; Mar. 27.
Yarn, Woolen. S. Blechman & Sons, Inc. 169,945; Jan. 2.
Yarns. Pacific Mills. 176,499; June 19.
Yarns. E. A. Reed. 179,623; July 10.
Yarns. Bernhard Ulmann Co. 176,376; June 12.
Yarns. Bernhard Ulmann Co. 176,377; Nov. 13.
Yarns. Bernhard Ulmann Co. 176,378; June 5.
Yarns. Bernhard Ulmann Co. 176,380; June 5.
Yarns. Bernhard Ulmann Co. Inc. 178,149–50; May 8.
Yarns and threads. Bernhard Ulmann Co. 184,698; Oct. 23.
Yarns and threads, Artificial-silk. Viscose Company. 184,197; Oct. 2.
Yarns, Artificial-silk, worsted, and mixed artificial-silk and worsted. Textile Manufacturing Co. 172,299; Feb. 20.
Yarns, Cotton. Old Colony Manufacturing Corporation. 180,237; July 10.
Yarns, Cotton. John F. Street & Co. 184,152; Sept. 25.
Yarns, Cotton. United Turkey Red Company. 165,838; June 19.
Yarns, Dyed. "S. & M." Dye Works, Inc. 181,089; Aug. 21.
Yarns for knitting, crocheting, and art needlework. Bernhard Ulmann Co. Inc. 176,375; Apr. 10.
Yarns for knitting, crocheting, and art needlework. Bernhard Ulmann Co. Inc. 176,379; Apr. 10.
Yarns for knitting, crocheting, and art needlework. Bernhard Ulmann Co. Inc. 176,382; Apr. 10.
Yarns for knitting, crocheting, and art needlework. Bernhard Ulmann Co. 180,199; July 10.
Yarns, Hand-knitting wool. Bernhard Ulmann Co. 176,381; Nov. 13.
Yarns, Mercerized. Forrest Mercerizing Co. 168,213; Jan. 23.
Yarns, spun of silk, artificial silk, and mixtures thereof. New England Spun Silk Corporation. 173,976–7; Mar. 6.
Yarns, threads, silks. Pfaltz & Bauer, Inc. 181,773; Aug. 21.
Yarns, Wool. D. J. Healy. 178,038; May 15.
Yarns, Wool and wool and silk mixture. Marshall Field & Company. 181,262; Aug. 7.
Yarns, Wool and wool and silk mixture. Marshall Field & Company. 181,266; Aug. 7.
Yarns, Wool and wool and silk mixture. Marshall Field & Company. 181,268; Aug. 7.

CLASS 44.

Alloys of gold for dental work. Rich-Alloy Company. 163,354; Feb. 27.
Antiseptic dressings and absorbent and medicated cottons and gauzes, and bandages. Deane Plaster Co. 175,307; Apr. 17.
Antiseptic dressings, gauzes, cottons, and bandages. Deane Plaster Co. 175,347; May 29.
Antiseptic dressings, plain, absorbent, and medicated cottons and gauzes, etc. Deane Plaster Co. 175,306; Dec. 11.
Applicators for the lips. A. and G. Co. 172,409; Apr. 17.
Arch supporters. Federal Arch-Lift Manufacturing Company. 171,731; Feb. 20.
Arch supporters for the human foot. H. G. Bentley. 176,108; May 8.
Arch supports. Pliable Arch Support Company. 163,471; Feb. 13.
Arch supports. Francis Rogers & Sons. 172,557; Apr. 24.
Arch supports, Foot-. F. Pfeiffer. 179,819; Oct. 23.
Arch supports, foot cushions, heel cushions, foot pads, etc. Thompson-Barlow Company. 181,707; Aug. 28.
Bags and bottles, Hot-water. Sampson-Martin Corporation. 176,046; June 19.
Bandages. Medical and surgical. M. Kernes. 137,944; Mar. 27.
Bandages, Suspensory. Johnson & Johnson. 175,146; Mar. 27.
Bandages, Suspensory. Walter F. Ware Company. 163,768; Jan. 23.
Bedclothes protector. E. J. McKinney. 172,003; Feb. 20.
Belt for prevention of nausea. Neptune Products Company. 185,257; Oct. 23.
Bottles and bags, and syringes, Hot-water. Jordan Marsh Company. 173,889; Mar. 20.
Bottles for medical purposes, Hot. B. H. Dyer Company. 169,053; Apr. 3.
Bottles, fountain syringes, etc., Water. Independent Drug Company. 181,279; July 17.
Bottles, Hot-water. R. Palmer. 162,570; Nov. 6.
Bottles, Nursing. Corning Glass Works. 173,405; Mar. 27.
Bottles, rubber gloves, thermometers, rubber sheets, etc., Hot-water. Calhoun, Robbins & Co. 172,210; Feb. 13.
Buffers, Manicure. C. J. Bates & Son. 175,295; Mar. 27.
Buffing implements, etc., Manicurists'. P. C. P. Booty. 171,411; Sept. 11.
Burs. M. D. Barkann. 171,198; Feb. 27.
Catheters, ear and ulcer syringes, finger cots, etc. Blackman & Blackman. 179,986; Sept. 4.
Catheters, œsophagus tubes, rectal tubes, and cup funnels. William Warne and Company Limited. 171,603; Feb. 27.
Cement for filling teeth and liquid therefor. L. D. Caulk Company. 172,082; Jan. 9.
Chest splint. Therapeutic Appliance Corporation. 171,970; Jan. 9.
Combs, Fountain. Capitola Tonic Comb Co. 173,463; Apr. 3.
Cotton, Absorbent. Frank B. Graves Co. 179,367; Oct. 23.
Cotton, gauze, and waste, bandage rolls, etc., Absorbent. Hygienic Fibre Company. 177,784; May 15.
Cotton, gauze, etc., Absorbent. A. Radetzky. 167,535; Mar. 27.
Cutlery, Certain kinds of. Premier Cutlery, Inc. 159,049; May 29.
Cutlery of base metal, Certain kinds of. Premier Cutlery, Inc. 159,050; Mar. 13.
Dental alloy. L. D. Caulk Company. 172,081; Jan. 9.
Dental alloy, gold, and silver. Elm Refining Company. 178,717; Sept. 4.
Dental alloys and cements. Dental Protective Supply Company. 183,519; Oct. 2.
Dental and engine stones, lathe wheels. Blue Island Specialty Company. 172,725; Mar. 13.
Dental band material. Baker & Co. 178,949; June 19.
Dental burs and broaches. W. A. Voigt. 168,814; Mar. 13.
Dental cement. W. V-B. Ames Company. 175,696; Apr. 3.

Dental crowns. Central Dental Laboratory Co. Incorporated. 174,356; Apr. 10.
Dental cutting tools. Cleveland Dental Manufacturing Company. 162,865; Dec. 25.
Dental fillings, Foundation and pulp protector used in making metal. H. B. Garrison. 183,269; Sept. 11.
Dental floss. H. C. Hochstadter. 174,392; Apr. 10.
Dental golds, solders, plates, disks, etc. J. F. Jelenko & Co. 185,593; Oct. 23.
Dental metal. Baker & Co. 178,950–1; June 19.
Dental, optical, and surgical mirrors, etc. A. A. Anzell. 187,656; Dec. 25.
Dental spotlights and lamps for the same. S. S. White Dental Manufacturing Company. 180,158; July 24.
Dental suction plates. C. T. Magner. 167,779; Apr. 10.
Dental tools, instruments, and supplies. Detroit Dental Manufacturing Company. 181,592; Oct. 2.
Elastic bandages. R. L. Hawkins. 157,315; May 15.
Electric therapeutic apparatus. Renulife Electric Co. 178,193; June 19.
Electric vibratory and heating outfits, etc. National Stamping & Electric Works. 161,698; Oct. 30.
Electrical appliances and attachments thereto. Physicians Electronic Supply Co. 184,622; Nov. 13.
Electronic diagnosis and electrotherapeutics, Electrical outfits for. American Institute of Rational Therapeutics. 182,956; Oct. 30.
Electronic diagnosis, Electrical outfits for. American Institute of Rational Therapeutics. 182,954; Oct. 30.
Electronic medical apparatus. C. W. Sidney. 184,873; Nov. 13.
Electrotherapeutics, Treatment outfit for. American Institute of Rational Therapeutics. 182,955; Oct. 30.
Eyes, Artificial. C. E. Biel. 178,211; May 15.
Fabric rolls impregnated with a dentifrice and holders therefor. Dentrol Sales Corporation. 175,009; June 19.
Foot appliances or orthopedic pads or cushions. Foot Remedy Company. 187,103; Dec. 11.
Foot-massaging device. W. Saklad. 183,124; Sept. 18.
Furniture, Aseptic. Reid Bros., Inc. 168,790; July 3.
Gauze and absorbent cotton. Bauer & Black. 183,355; Sept. 18.
Germicides or disinfectants, Apparatus for generating and diffusing vaporized. Newton, Chambers & Co. 177,922; May 29.
Hip and bust reducer. B. Cervelli. 169,890; Jan. 9.
Hosiery. Seamless elastic. Charles Walton & Son. 170,554; Jan. 9.
Hot-water bottles and bed warmers, Metal. Metal Goods Manufacturing Co. 172,280; Mar. 13.
Hypodermic needles. A. Bandman. 184,890; Oct. 23.
Ice bags and syringe fixtures. A. Schrader's Son, Incorporated. 180,243; July 10.
Impression compound. Novocol Chemical Mfg. Co 171,946; Mar. 20
Instruments for aiding the hearing. F. Charles Rein & Son, America, Inc. 180,080; Sept. 4.
Lamp for raying bodies, Electrical therapeutic. H. W. Nelson. 166,844; Feb. 13.
Lamps, Quartz. Hanovia Chemical & Manufacturing Co. 185,123; Dec. 4.
Lancets, fleams, and surgical scissors. Mappin & Webb Limited. 159,477; Feb. 27.
Lingual bars. J. Stern & Co. 185,387; Oct. 23.
Manicure files. C. J. Bates & Son. 175,294; Oct. 16.
Manicure implements. B. Wigder. 159,341; Oct. 2.
Manicure sets. Art Ornament Co. 179,450; Sept. 4.
Manicure sets. J. Richter. 177,516; Nov. 27.
Manicure sets. J. Richter. 178,627; May 29.
Massage appliance. J. O. Linden. 184,251; Oct. 23.
Massaging or exercising the human body, Devices for. T. Lawton. 177,851; May 29.
Massaging or tapping device, Manual facial. E. H. Treinies. 185,061; Nov. 27.
Medical and surgical appliances. First Aid Specialty Company. 177,177; May 29.
Medical and surgical appliances. Pfau's American Instruments Co. 175,024; May 15.
Medical instrument, Electrical. Dr. A. Abrams. 170,744½; Feb. 27.
Medicinal vaporizing device. P. Billard. 167,594; Oct. 23.
Nail files, toilet tweezers, nail and cuticle nippers. Marshall Field & Company. 181,270; July 17.
Napkins, Sanitary. American Wholesale Corporation (Baltimore Bargain House). 183,954; Oct. 23.
Nebulizers and syringes. Parke, Davis & Company. 170,782; May 15.
Nipples. V. Loewenberg. 170,918; Jan. 30.
Obstetrical outfits and surgical supplies. C. M. Manion. 167,881; Feb. 27.
Orthodontic appliances. S. S. White Dental Manufacturing Company. 162,226; May 15.
Pads, elastic bandages, etc., Hip and kidney. James W. Brine Company. 172,578; July 17.
Radioactive pads for surgical or medical use. Physician's Radiopathic Company. 162,265; Jan. 9.
Rubber crib sheets, baby pants, sanitary aprons, etc. Sanimo Company. 159,629; Jan. 30.
Rubber-dam holders. Detroit Dental Manufacturing Company. 171,065; Jan. 9.
Rubber goods and druggists' sundries, Surgical. Lamke & Stemme, Inc. 173,237; May 8.
Rubber goods, Seamless dipped india-. Mitcham Rubber Co. 182,984; Dec. 25.
Sanitary aprons and belts. A. Stein & Company. 183,002; Sept. 18.
Sanitary belts and shields. H. Usdin. 170,598; Jan. 9.
Sanitary elastic woven belts and cotton napkins. Fuller-Morrison Company. 185,218; Dec. 4.
Sanitary-napkin holders. S. A. Harrison. 175,491; Apr. 17.
Sanitary napkins. Fort Howard Paper Company. 180,115; Sept. 18.
Sanitary napkins. Hospital Specialty Co. 183,833; Oct. 16.
Sanitary napkins. Lewis Manufacturing Company. 186,241; Dec. 4.
Sanitary napkins. R. W. Naylor. 174,629; Apr. 24.
Sanitary napkins. New York Merchandise Company. 174,795; Mar. 13.
Sanitary napkins. Schafuss Corporation. 183,166; Oct. 30.
Sanitary napkins and aprons. S. E. Frankfurt. 155,878; Aug. 14.
Sanitary protective bloomers. S. H. Shoninger. 163,708; Dec. 4.
Scissors, nail clippers, files, and tweezers, Manicure. Mappin & Webb, Limited. 159,476; Feb. 27.
Shaving-lather-forming devices. R. H. Wager. 168,815; Feb. 13.
Soothers, Infants'. F. Schutze and Company Limited. 180,085; Oct. 30.
Sprayers for medicinal use. Ostra Corporation. 172,954; Apr. 17.
Surgeons' gloves. Davol Rubber Company. 176,721; June 26.
Surgical and dental appliance outfit. W. J. Cameron. 160,928; Mar. 27.
Surgical dressing, Chemical tissue for use as a. Haskins & Welton. 144,720; Sept. 4.
Syringes. Hiergesell Brothers. 180,662; Dec. 11.
Syringes. Frederick Pfeiffer & Co. 172,685; Feb. 20.
Syringes, hot-water bags, and water bags, Fountain. D. C. Poulsen. 175,156; Dec. 11.
Syringes, Hypodermic. Donizer & Company Inc. 176,957; May 8.
Teeth and gums, Apparatus or appliance for massaging the. E. Unné. 178,152; Sept. 4.
Teeth, Artificial. H. D. Justé & Son. 181,028; Sept. 18.
Teeth, Filling for. Garhart Dental Specialty Company. 176,793; May 8.
Teething rings, combined baby rattles and teething rings. Louis Sametz, Inc. 169,986; Feb. 13.
Telephonic apparatus, and parts thereof. Globe Phone Manufacturing Company. 149,747; Dec. 25.
Therapeutic apparatus, Electronic. Spectro-Electronic Foundation. 187,069; Dec. 25.
Therapeutical apparatus called oxyhealer. S. Maeshima. 155,900; July 10.
Thermometers, hypodermic syringes and needles, Clinical and medical. G. Faichney Company. 166,226; Feb. 13.
Thermometers, hypodermic syringes and needles, Clinical and medical. G. Faichney Company. 170,013; Jan. 9.
Thermometers, syringes, eye droppers, etc., Clinical. Eisele & Co. 173,959; Apr. 3.
Toes, Mechanical devices for straightening crooked. M. Sablin. 176,134; May 8.
Toilet articles. E. I. du Pont de Nemours & Company. 170,236; Feb. 13.
Toothbrush sterilizers. W. E. Barnard. 160,747; Apr. 24.
Toothpicks, Wooden. International Mfg. Co. 185,708; Nov. 6.
Trusses, Combination steel and elastic. Woodard, Clarke & Co. 147,174; Jan. 9.
Tweezers for removing superfluous hair. M. W. Chandler. 180,588; Aug. 21.
Vibrators, Electrically-operated. Fitzgerald Manufacturing Company. 172,590; Feb. 20.

CLASS 45.

Beverage and concentrate for making same. Chocolate Beverage Corporation. 172,514; Mar. 13.
Beverage and sirup for making the same. C. E. Chapman. 181,424; Nov. 27.
Beverage and sirups used in preparation of same. C. L. Beardsley. 172,858; Mar. 13.
Beverage, beverage sirup, and concentrate used as soft drink. National Chemical Products Co. 179,215; Nov. 27.
Beverage, Dry compound for making nonalcoholic maltless. Golden Grain Juice Co. 169,588; Jan. 9.
Beverage, Grape. Nu Grape Company of America. 176,276; May 1.
Beverage made from milk, cocoa, etc., and a sirup for making the same. R. W. Goodale. 171,214; Feb. 6.
Beverage, Nonalcoholic, maltless. L. G. Leech. 186,512; Nov. 27.
Beverage powder used for making soft drinks. P. S. Hollis. 172,380; July 24.
Beverage purposes, Nonalcoholic, maltless fruti-flavored concentrate for. Premier Malt Products Company of Ohio. 170,213; Jan. 30.

Beverage sirup for soft drinks. J. P. Jones. 184,340; Nov. 27.
Beverage sold as a soft drink. E. E. Carneal. 179,354; July 10.
Beverage sold as a soft drink. Ec-Ko Beverage Corporation. 171,307; Jan. 2.
Beverage sold as a soft drink. M. L. Eisenberg. 175,349; May 15.
Beverage sold as a soft drink. J. D. Fletcher. 140,791; Aug. 21.
Beverage sold as a soft drink. Goldstein Brothers. 167,387; Jan. 2.
Beverage sold as a soft drink. W. H. Gunckel. 159,700; May 1.
Beverage sold as a soft drink. J. M. Hussey. 169,905; Jan. 2.
Beverage sold as a soft drink. P. H. James. 183,627; Oct. 30.
Beverage sold as a soft drink. C. E. May. 178,347; Oct. 2.
Beverage sold as a soft drink. C. E. May. 178,349; May 22.
Beverage sold as a soft drink. W. McKee. 179,876; July 17.
Beverage sold as a soft drink. E. J. O'Brien. 182,219; Nov. 6.
Beverage sold as a soft drink. Okla-Cola Company. 174,797; May 29.
Beverage sold as a soft drink. Pabst Corporation. 181,210–11; Oct. 2.
Beverage sold as a soft drink. Soc. An. Fsco. Cinzano & Cia. 183,044; Oct. 30.
Beverage sold as a soft drink. Specialty Soda Water Bottling Company. 170,499; Mar. 13.
Beverage sold as a soft drink. W. R. Swett. 184,948; Nov. 27.
Beverage sold as a soft drink. M. E. Vaughan. 181,625; Aug. 28.
Beverage sold as a soft drink and a compound for making same. Beverage Extract Company. 179,513; July 17.
Beverage sold as a soft drink and flavoring sirups, etc., used in preparation of the same. Forst Products Co. 176,172; Apr. 17.
Beverage sold as a soft drink and sirup for making same. J. A. Fleming. 169,673; Jan. 30.
Beverage sold as a soft drink and sirup for making same. H. C. Watkins. 189,157; Aug. 28.
Beverage sold as a soft drink and sirups and extracts for making same. California Alfalfa Products Company. 175,299; May 29.
Beverage sold as a soft drink and sirups for making same, Fruit. Queen City Bottling Company. 171,955; Feb. 13.
Beverage sold as a soft drink and sirups for making same. Sethness Company. 175,681; July 10.
Beverage sold as a soft drink and sirups for making the same. C. G. Dillon. 179,590; July 17.
Beverage sold as a soft drink and sirups for making the same. Hurty-Peck Co. 174,011; Apr. 10.
Beverage sold as a soft drink and sirups used in preparation of same, Fruit. M. O. Spurgeon. 172,909; Feb. 20.
Beverage sold as a soft drink and sirups used in the preparation of same. Ladwig-Schlueter Co. 178,259; May 22.
Beverage sold as a soft drink and sirups used in the preparation of same, Fruit. Lyons Bros. Co. 172,752; Feb. 20.
Beverage sold as a soft drink, Fruit. United Cigar Stores Company of America. 171,672; Feb. 20.
Beverage sold as an orange drink and sirup for making the same. Granite State Spring Water Co. 182,302; Oct. 30.
Beverage sold as soft drink. F. L. Grassini. 178,178; July 31.
Beverage sold as soft drink and sirups for making the same. S. Davis. 171,259; Jan. 2.
Beverage sold as soft drink and sirups used in preparation of same. Lyons Bros. Co. 172,751; Nov. 27.
Beverage sold as soft drinks and sirups for making same. Mound City Bottling Company. 173,845; June 12.
Beverage used as a soft drink. Corning Ice & Bottling Works. 173,624; Mar. 13.
Beverages. Cantrell & Cochrane, Limited. 181,672; Oct. 2.
Beverages. Erbo Company. 167,007; Jan. 9.
Beverages. W. P. Powers. 165,809; Oct. 2.
Beverages and compounds for making same. Good-Grape Company. 178,720; Oct. 2.
Beverages and concentrates and compounds for making the same. Orange Crush Company. 156,594; Mar. 20.
Beverages and ginger ale sold as soft drinks and extracts, sirups, etc., for making same. Abeco Beverage Company. 171,605; Feb. 27.
Beverages and sirup used in preparation of same, Nonalcoholic. Henry-Brown Company. 187,311; Dec. 4.
Beverages and sirups, extracts, emulsions, and pastes for making the same. American Syrup Company. 168,191; Dec. 18.
Beverages and sirups for making same. W. F. Stoecker. 185,630; Nov. 20.
Beverages and sirups for making same, Fruit. Jones Bros. & Co. 170,023; Jan. 2.
Beverages and sirups used in making same. Ho-Jay Corporation. 182,812; Oct. 2.
Beverages, Concentrated preparation for preparing nonalcoholic maltless. Mervine Mfg. Co. 168,160; Feb. 20.
Beverages, concentrates and compounds for making the same. California Crushed Fruit Company. 186,349; Nov. 20.
Beverages, Corn sirup used in the manufacture of. E. M. Blumenthal. 170,677; Feb. 27.
Beverages, fruit sirups, extracts, and flavorings for the same. R. E. Marett. 184,412; Sept. 18.
Beverages, Grape-flavored. Valentin Blatz Brewing Company. 181,724; Aug. 28.
Beverages, Maltless chocolate cereal. Vita Food Company. 177,529; July 31.
Beverages, Nonalcoholic. J. W. Palmer. 180,386; Sept. 18.
Beverages, root beer and root beer extracts, and sirups for making soft drinks, Nonalcoholic. California Laboratories, Inc. 184,587; Nov. 27.
Beverages sold as a soft drink. Mouquin Rt. & Wine Co. 174,405; July 3.
Beverages sold as soft drinks. Combier & Cie. 174,166; Apr. 10.
Beverages sold as soft drinks. A. M. Dodge, Inc. 183,443; Oct. 9.
Beverages sold as soft drinks. East Side Bottling Works. 182,437; Oct. 30.
Beverages sold as soft drinks. Florida Products Company. 182,506; Oct. 2.
Beverages sold as soft drinks. N. E. French. 181,734; Aug. 7.
Beverages sold as soft drinks. D. Harden. 158,118; Mar. 20.
Beverages sold as soft drinks. H. S. Jenner. 183,384; Oct. 30.
Beverages sold as soft drinks. L. H. Kirkpatrick. 182,756; Dec. 25.
Beverages sold as soft drinks. J. A. Mitchell. 181,491; Nov. 20.
Beverages sold as soft drinks. San Joaquin Grocery Co. 182,268; Oct. 30.
Beverages sold as soft drinks. W. J. Schutte. 149,029; Jan. 9.
Beverages sold as soft drinks. S. Seltzer. 176,101; Dec. 18.
Beverages sold as soft drinks. Charles T. Smith Company. 176,223; May 22.
Beverages sold as soft drinks and compounds and concentrates for manufacturing same. Citrus Products Company. 167,555; Jan. 30.
Beverages sold as soft drinks and extracts, etc., for making same. New England Brewing Company. 171,651; Feb. 27.
Beverages sold as soft drinks and sirup for making the same. H. Kirsch & Company. 187,319; Dec. 4.
Beverages sold as soft drinks and sirup for making the same. Sand Springs Bottling Co. 174,339; Apr. 10.
Beverages sold as soft drinks and sirups, etc., for making same. W. D. Bost. 176,444; May 15.
Beverages sold as soft drinks and sirups for making same. J. Cohen. 178,331; Oct. 2.
Beverages sold as soft drinks and sirups for making same. Jack Beverage Company. 172,107; Feb. 6.
Beverages sold as soft drinks and sirups for making same. V. Jones. 186,380; Dec. 18.
Beverages sold as soft drinks and sirups for making same Mouquin Restaurant and Wine Company. 176,686; May 29.
Beverages sold as soft drinks and sirups for making same. W. E. Tanner. 174,495; May 15.
Beverages sold as soft drinks and sirups for making same. Westchester Bottling Works. 176,700; May 29.
Beverages sold as soft drinks and sirups for making the same. C. H. Butler. 185,173; Nov. 6.
Beverages sold as soft drinks and sirups for making the same. T. B. Kane. 179,046; June 19.
Beverages sold as soft drinks and sirups for making the same. W. G. Keck. 173,770; Mar. 13.
Beverages sold as soft drinks and sirups for making the same. H. Kirsch & Co. 175,400; Apr. 17.
Beverages sold as soft drinks and sirups for making the same. Qualtop Beverages Inc. 185,188; Oct. 9.
Beverages sold as soft drinks and sirups for making the same. J. M. Rodgers. 185,189; Oct. 9.
Beverages sold as soft drinks and sirups for making the same. M. K. Ross. 172,441; Feb. 20.
Beverages sold as soft drinks and sirups for making the same. Society Club Beverage Corporation. 175,411; Apr. 17.
Beverages sold as soft drinks and sirups for preparing same. Garrett and Co. 174,077; May 1.
Beverages sold as soft drinks and sirups therefor. V. Jones. 169,017; Dec. 25.
Beverages sold as soft drinks and sirups therefor. E. V. Kirby. 175,249; May 15.
Beverages sold as soft drinks and sirups used in the preparation of same. Chicago Beverage Co. 184,712; Oct. 9.

Beverages sold as soft drinks and sirups used in the preparation of same. J. R. Reynolds. 176,217; Apr. 17.
Beverages sold as soft drinks, Ginger-flavored. Star Beverage Co. 120,072; Feb. 13.
Beverages sold as soft drinks, Maltless carbonated. Florida Products Co. 178,032; July 3.
Beverages to be sold as soft drinks and at soda fountains. F. A. Stolte. 160,155; Jan. 2.
Beverages with fruit flavors, ginger ale, etc. L. Cohen. 184,650; Oct. 30.
Cider, grape juice, grenadine sirup, etc., Sweet. Park & Tilford. 173,003; Feb. 27.
Cream soda, birch beer, ginger ale, etc. Country Club Soda Co. 173,406; Feb. 20.
Drink, Carbonated grape. Good-Grape Company. 162,168; Jan. 16.
Drink, Nonalcoholic, maltless orange. Comet's California Orange Drink Co. 176,452; May 15.
Drink, Soft. R. G. Stoehr. 174,491; May 1.
Drinks, Nonalcoholic, maltless soft. La France Products Corporation. 184,973; Dec. 25.
Drinks, Nonalcoholic, maltless soft. J. F. Lazier Mfg. Co. 175,430; May 8.
Drinks, Nonalcoholic maltless soft. J. F. Lazier Mfg. Co. 178,745; July 17.
Drinks, Powdered preparation for making soft. P. Hurtado. 185,124; Oct. 9.
Drinks, Soft. Monadnock Beverage Company. 183,118; Oct. 2.
Extract, Concentrated maltless. Advance Chemical Company. 177,721; Aug. 28.
Extract for soft drink purposes, Vegetable. L. S. Carney. 180,467; July 31.
Extract used in the preparation of soft drinks. A. L. Voge. 172,405; Mar. 13.
Extract used in the preparation of soft drinks. A. L. Voge. 172,406; Mar. 27.
Flavoring extract for soft drinks. A. G. Eisold. 170,129; Aug. 28.
Flavoring extracts, emulsions, sirups for soda-fountain purposes, etc., Maltless. W. B. Webber. 167,858; Nov. 6.
Flavoring for making beverages. Davies, Rose & Co. 156,480; Oct. 2.
Flavoring, sirups, fruit acids, and quintessences, Nonalcoholic, maltless. American Syrup Co. 172,856; Feb. 20.
Flavors and beverages made therefrom. Beverage Citrus Products Company. 184,121; Oct. 30.
Flavors and flavoring extracts for soft drinks, Maltless. McCormick & Co. 161,786; Feb. 13.
Fruit juices, Nonalcoholic, maltless concentrated. California Citrus Fruit Juice Company. 176,163; May 1.
Ginger ale. Bartow Beverages, Inc. 180,832; July 10.
Ginger ale. Delatour Beverage Corporation. 186,830; Dec. 18.
Ginger ale. M. L. Eisenberg. 175,350; May 15.
Ginger ale. I. L. Flory. 174,692; May 29.
Ginger ale. J. G. Fox. 184,967; Oct. 9.
Ginger ale. E. W. Jeffress, Inc. 162,420; Jan. 2.
Ginger ale and beverages sold as soft drinks. C. A. Hay. 180,428; July 31.
Ginger ale, cream soda, root beer, etc. Grand Forks Bottling Works. 176,266; May 22.
Ginger ale, root beer, sarsaparilla. S. D. Lefas. 171,090; Jan. 2.
Ginger ale, sarsaparilla, and root beer. J. Friedrich. 184,817; Oct. 9.
Ginger ale, sarsaparilla, and root beer. J. Friedrich. 184,818; Nov. 6.
Grape flavored sugar drink, Concentrate for making. Howdy Company. 180,183; June 19.
Grape juice. Sam Seelig, Co. 187,542; Dec. 4.
Grape juice. L. S. Wetmore Company. 179,575; June 19.
Grape juice. Wirth-Concordade Company. 169,662; Jan. 30.
Grape juice and apple juice. Paul De Laney Co. Inc. 175,772; Apr. 17.
Lemonade powders. Freeman's Foods, Limited. 168,147; Apr. 24.
Orange juice, fruit ciders. C. H. Dikeman. 182,738–9; Oct. 30.
Sarsaparilla, ginger ale, cream soda, etc. Wm. Montgomery & Co. 179,811; July 24.
Sirup for beverage purposes, Grape-flavored. Queen City Extract Company. 163,413; June 19.
Sirup for carbonated beverages, Maltless. R. H. Smith. 184,427; Dec. 18.
Sirup for making a citrous beverage. Sethness Company. 173,147; Oct. 2.
Sirup for making of beverages. Bourbon-Ola Company. 186,101; Nov. 20.
Sirup used in making beverages, Dextrinous. American Burtonizing Company and Wallerstein Laboratories. 160,178; May 1.
Sirup used in making soft drinks. C. J. Dennis. 181,516; Aug. 28.
Sirups, acids, etc., for beverage purposes. Northwestern Bakers & Confectioners Co. 181,856; Oct. 2.
Sirups and beverages sold as soft drinks. United Beverage Products Company. 183,726; Nov. 20.
Sirups and extracts for beverage purposes. Murray Company. 180,983; July 31.
Sirups and nonalcoholic, maltless beverages. M. Blackman. 150,588; Oct. 2.
Sirups for manufacture of nonalcoholic maltless beverages, etc., Concentrated. V. Jones. 167,247; May 8.
Sirups for soft drinks, Fruit. S. S. Pierce Co. 181,041; Dec. 4.
Sirups for soft drinks, Maltless soda-fountain. Elgot and Giuntini. 177,659; July 3.
Sirups for soft drinks, Nonalcoholic, maltless flavoring. Walker Bros. Co. 173,262; Mar. 13.
Sirups for use in making beverages. S. L. Goldman. 171,635; Jan. 30.
Sirups, Nonalcoholic, maltless fruit. E. Burden. 172,507; June 19.
Sirups used for making soft drinks, Fruit. Ver-Vac Company. 161,817; Feb. 6.
Soda water. W. P. Courtney. 181,062; July 10.
Soda water and beverages sold as soft drinks. Vacuum Water Company. 165,646; July 17.
Soft drinks. Chicago Whistle Bottling Co. 181,379; Aug. 28.
Soft drinks, Maltless. M. L. Eisenberg. 175,351; May 15.
Water, Alkaline nonpurgative table. California Bottling Association. 183,694; Oct. 9.
Water and root beer and fruit-flavored soft drinks, Table. Pabst Corporation. 181,215; Oct. 2.
Water, Artificially-prepared mineral. J. A. Steele. 176,292; July 3.
Water, ginger ale, root beer, etc., Still and carbonated. Waukesha Silurian Water Co. 178,316; Aug. 28.
Water, Medicinal. Estate of Julia V. H. Magee. 161,493; May 29.
Water, Mineral. E. Meyer. 183,393; Oct. 9.
Water, Mineral. Silver King Mineral Water Co. 186,759; Nov. 20.
Water, Mineral. W. H. Thurman. 175,415; May 29.

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Acid, fruit butters, butter flavoring, cake mix, etc., Acetic. Northwestern Bakers & Confectioners Co. 161,938; Nov. 13.
Alimentary paste. Bonadio & Merchiorri Co. 166,973; Jan. 16.
Alimentary paste products. A. Goodman & Sons, Inc. 169,543; July 24.
Alimentary paste products. A. Goodman & Sons, Inc. 169,544; Nov. 13.
Alimentary paste products. Tharinger Macaroni Company. 171,186; May 15.
Alimentary products and pastes, spaghetti, etc. W. S. Creed. 178,494; Sept. 25.
Almond paste, blanched peanuts, etc. National Almond Products Co. 155,513; May 29.
Almonds. California Almond Growers Exchange. 157,024–5; May 8.
Almonds, Candied. C. Olmsted. 173,202; May 22.
Almonds, Salted. California Almond Packers. 179,585; July 31.
Almonds, Toasted. J. S. Eustis. 173,885; May 22.
Apples. Wenatchee Northern Warehouse & Marketing Co. 169,342; Mar. 6.
Apples and pears, Fresh. B. F. Sellers. 182,618; Oct. 16.
Apples, Dehydrated. Washington Dehydrated Food Co. 172,919; Apr. 17.
Apples, Evaporated. C. C. Hall, Inc. 165,998–9; Jan. 16.
Apples, Fresh. Acme Orchard Co. 176,149; May 15.
Apples, Fresh. Alaga & Forencich Co. 174,422; May 8.
Apples, Fresh. W. A. Bolinger. 171,896; May 8.
Apples, Fresh. Cashmere Fruit Growers Union. 182,563; Sept. 11.
Apples, Fresh. Dailey Produce Co. 182,737; Nov. 6.
Apples, Fresh. Denney & Co. 166,657; July 3.
Apples, Fresh. Earl Fruit Company of The Northwest. 177,282; May 29.
Apples, Fresh. Elk Mountain Orchard Co. 166,356; Apr. 24.
Apples, Fresh. Grossman Bros. & Rea, Inc. 187,310; Dec. 25.
Apples, Fresh. Growers Service Co. 171,840; Sept. 11.
Apples, Fresh. Inwood Fruit Growers Club. 172,333; Oct. 16.
Apples, Fresh. Jensen & Sons. 182,916; Sept. 18.
Apples, Fresh. National Fruit Product Company. 186,388; Dec. 18.
Apples, Fresh. North Pacific Mortgage Company. 185,668; Nov. 13.
Apples, Fresh. Otis Orchards Apple Company. 173,361; June 5.
Apples, Fresh. J. C. Palumbo. 182,928; Sept. 18.
Apples, Fresh. Resetar Bros. 185,675; Nov. 13.
Apples, Fresh. W. E. Roche. 171,552; June 26.
Apples, Fresh. Spokane Valley Growers Union. 165,723; Jan. 30.
Apples, Fresh. R. A. Tedford & Co. 168,809; Feb. 13.
Apples, Fresh. Touchet Valley Apple Co. 180,908–9; Aug. 21.
Apples, Fresh. Western New York Fruit Growers' Co-Operative Packing Ass'n, Inc. 166,518; Feb. 20.
Apples, Fresh-boxed. R. J. Graham. 171,536; July 17.

Apples, peaches, pears, plums, etc., Fresh. Western New York Fruit Growers' Co-Operative Packing Ass'n, Inc. 166,517; Feb. 20.
Apples, plums, cherries, grapes, pears, and peaches in their natural state. F. M. Wilson. 165,470; Feb. 20.
Apples, potatoes, and cream, cattle, Fresh. R. F. Perkins. 160,721; Jan. 30.
Apricots, cherries, peaches, pineapples, etc. Austin, Nichols & Co. 171,523; July 31.
Artichokes, Fresh boxed. Santa Cruz Coast Vegetable Co. 187,175; Dec. 25.
Asparagus, Fresh. Vegetable Exchange of California, Inc. 185,637; Nov. 13.
Bacon. Barrington Packing Co. 168,749; Sept. 25.
Bacon. Beech-Nut Packing Company. 162,798; Apr. 24.
Bacon and picnics, Breakfast. Peyton Packing Company. 175,625; June 19.
Bacon, canned corn beef, corned pork, etc. A. C. Hofmann & Sons. 171,538; Nov. 6.
Bacon, ham, boiled ham, sugar-cured meats. East Tennessee Packing Company. 161,622; Jan. 9.
Bacon, ham, breakfast-bacon squares. Schaffner Brothers Company. 169,929; July 3.
Bacon, hams, and lard. George Little, Limited. 177,839; July 10.
Bacon, hams, lard, sausage. Nelson Meat Company. 182,519; Dec. 11.
Bakers' and confectioners' supplies. T. F. Naughtin, 162,762; Jan. 30.
Banana flour. D. Maronik. 185,979; Dec. 25.
Banana jelly. D. Maronik. 185,980; Nov. 27.
Banana slices. Dried. D. Maronik. 185,981; Nov. 27.
Bananas. H. J. Vinkemulder. 160,168; Aug. 21.
Bay leaves and rubbed sage. Puritan Drug Mfg. Co. 146,656; Dec. 25.
Beans, Product made of. Sang Yuen & Co. 174,162; Sept. 4.
Beef, Cooked corn. Virden Packing Company. 161,161; Jan. 9.
Beef, Fresh. Detroit Packing Company. 166,658; May 29.
Berries, Fresh. Central California Berry Growers Association. 165,270; Feb. 6.
Beverage. G. Weinstein. 182,632; Oct. 16.
Beverage, Coffeelike. Kellogg Company. 177,914; July 24.
Beverage made of fruits, nuts, and grain, Food. Bartlett Nu Products Corporation. 164,987; Feb. 27.
Beverage, Milk-chocolate. Missouri Valley Creamery Company. 177,568; Nov. 20.
Beverage suitable as a coffee substitute. G. Weinstein. 165,904; Feb. 6.
Beverages or cooking, Ingredient used in food. Douglas & Burns, Ltd. 168,402; Sept. 11.
Birdseed, flavoring extract, fish food, olive oil, etc. Owl Drug Company. 166,400; Sept. 11.
Biscuit. National Biscuit Company. 163,593; June 12.
Biscuit. National Biscuit Company. 180,233–4; Oct. 30.
Biscuit, Cereal. Battle Creek Food Company. 175,700; Aug. 7.
Biscuit, Sweet. Robert A. Johnston Co. 167,523; Jan. 9.
Biscuits. Loose-Wiles Biscuit Company. 181,200; Nov. 6.
Biscuits. Perfection Biscuit Company. 171,950; Mar. 20.
Biscuits, Bran. Spongette Pure Food Company. 166,909; Mar. 27.
Biscuits, crackers, and Dutch-style cookies. W. R. Montague Company. 167,579; May 8.
Biscuits, crackers, cake, and cake wafers. Union Biscuit Company. 152,661; Nov. 20.
Biscuits, crackers, cookies, and cakes. National Biscuit Company. 181,644; Sept. 25.
Biscuits having laxative properties. Battle Creek Food Company. 175,058; Nov. 6.
Blueberries, Fresh. Joseph J. White, Inc. 172,457; May 8.
Bran. Midland Flour Milling Co. 169,368; May 15.
Bran. Potter-Wrightington, Inc. 171,467; May 8.
Bran. Warner, Moore & Co. 175,582; Aug. 7.
Bread. American Bakery Company. 175,179; Sept. 11.
Bread. Bixler Baking Company. 169,615; Feb. 27.
Bread. Bixler Baking Company. 176,597; Sept. 11.
Bread. James Butler Inc. 162,240; Mar. 27.
Bread. California Bakery Company. 153,076; Aug. 14.
Bread. Corby Baking Company. 94,532; Apr. 3.
Bread. Corby Baking Company. 167,291; Mar. 20.
Bread. Corby Baking Company. 167,292; June 5.
Bread. Cushman's Sons, Inc. 173,073; Dec. 11.
Bread. J. C. Dempster. 182,704; Nov. 20.
Bread. L. B. Fellner. 169,579; Apr. 3.
Bread. W. B. Fink. 180,925; Nov. 13.
Bread. T. J. Fitzpatrick. 153,036; July 24.
Bread. C. Garlek. 178,605; Dec. 18.
Bread. General Baking Company. 160,056; May 8.
Bread. Gordon Baking Co. 177,666; Dec. 11.
Bread. Gordon-Pagel Company. 153,596; Feb. 6.
Bread. W. P. M. Grelck. 162,815; Nov. 20.
Bread. Grocers' Baking Company. 169,549; Sept. 18.
Bread. Hall Baking Co. 175,787; June 19.
Bread. Hall Baking Co. 180,861; Oct. 30.
Bread. Heimbach Baking Company. 179,269; Dec. 25.
Bread. Heimbach Baking Company. 179,270; Dec. 18.
Bread. Hillsdale Baking Company. 182,149–50; Oct. 2.
Bread. Hochman & Wertheim. 176,079; Nov. 20.
Bread. G. W. Huck. 167,392; Jan. 9.
Bread. Indian Village Bakery. 156,579; Sept. 25.
Bread. Kroger Grocery & Baking Co. 153,885; Dec. 4.
Bread. A. Kroudvird. 178,048; Dec. 11.
Bread. Mackechnie Bread Company. 156,097; Nov. 20.
Bread. Massachusetts Baking Company. 174,582; Dec. 11.
Bread. Midland Flour Milling Co. 168,480; Jan. 16.
Bread. Nafziger Baking Company. 175,262; July 31.
Bread. National Bakeries, Inc. 159,763; May 1.
Bread. Old Homestead Bread Company. 159,978; Apr. 3.
Bread. Petersen & Pegau Baking Co. 185,985; Dec. 25.
Bread. P. O. Sampson. 178,289; Aug. 21.
Bread. Schafer Bakery, Inc. 183,319; Dec. 25.
Bread. Smith & Hofsess. 175,682; June 19.
Bread. Square Baking Company. 179,233; Sept. 18.
Bread. Star Bakery Co. 162,513; Jan. 23.
Bread. G. A. Stonecypher. 165,418; Oct. 2.
Bread. J. F. Strachan. 149,938; June 5.
Bread. J. F. Strachan. 163,006; June 5.
Bread. Tip Top Baking Co. 171,558; Mar. 13.
Bread. Union Bakery. 179,691; Sept. 18.
Bread. Vitimin Milling Company. 175,282; July 31.
Bread. Ward Baking Company. 166,159; Jan. 9.
Bread. Ward Baking Company. 168,184; Jan. 30.
Bread. Ward Baking Company. 168,699; Apr. 3.
Bread. Ward Baking Company. 169,382; Feb. 27.
Bread. Ward Baking Company. 169,384; Mar. 27.
Bread. Ward Baking Company. 169,385; Feb. 27.
Bread. Ward Baking Company. 169,386; Apr. 3.
Bread. Ward Baking Company. 169,387; Mar. 27.
Bread. Ward Baking Company. 169,794; Feb. 27.
Bread. Ward Baking Company. 170,512; Aug. 21.
Bread. Ward Baking Company. 171,435; Mar. 13.
Bread. Ward Baking Company. 171,436; May 1.
Bread. Ward Baking Company. 172,698; Mar. 20.
Bread. Ward Baking Company. 173,456; May 8.
Bread. Ward Baking Company. 174,501; Aug. 21.
Bread. Ward Baking Company. 179,758; Nov. 6.
Bread. Ward Baking Company. 182,322; Oct. 2.
Bread. Ward Baking Company. 182,687–8; Oct. 2.
Bread. Ward Baking Company. 185,393; Dec. 25.
Bread. Ward Baking Company. 185,735; Dec. 25.
Bread. Warners Whole Wheat Bread Inc. 166,863; Feb. 20.
Bread. W. H. Widmaier. 175,587; Sept. 25.
Bread. D. S. Wilson, M. D. 165,050; May 8.
Bread. D. P. Woolley. 181,360; Sept. 25.
Bread. D. P. Woolley. 181,363–4; Sept. 25.
Bread. D. P. Woolley. 181,367; Sept. 25.
Bread. D. P. Woolley. 181,369; Sept. 25.
Bread and cake. Busse Baking Company. 181,557; Nov. 20.
Bread and cake. Corby Baking Company. 167,294; Nov. 6.
Bread and cake. Ward Baking Company. 185,736; Dec. 25.
Bread and cookies, Ginger. M. A. Banning. 158,592; Sept. 4.
Bread and crackers. Potter-Wrightington, Inc. 164,186; Mar. 27.
Bread and doughnuts. A. J. Becker. 161,022; Mar. 27.
Bread and rolls. P. M. Dorsch. 160,875; Dec. 11.
Bread and rolls. Swander Baking Company. 166,958; Mar. 27.
Bread, biscuits, cake, cookies, etc. M. D. Coulter. 173,180; May 1.
Bread, butter, eggs, tea, etc. Wright & Parker Company. 184,778; Nov. 27.
Bread, cake, and a vitamine-containing product. Ward Baking Company. 168,183; Aug. 21.
Bread, cake, and breakfast cereal. Ward Baking Company. 179,441; Sept. 11.
Bread, cake, pies, canned puddings, etc. Friend Brothers. 167,518; May 1.
Bread, cakes, and cereal breakfast foods. Ward Baking Company. 169,383; Mar. 27.
Bread, cakes, and pies. A. Rose. 175,887; Sept. 18.
Bread, cakes, and pies. Schlater's, Incorporated. 158,902; May 15.
Bread, coffee, dried peaches, butter, sugar, etc. Groceteria Stores Co. of California. 168,966; Mar. 27.
Bread, Loaves of wheat. Jay Burns Baking Company. 162,980; Apr. 3.
Bread, rolls, and buns. H. W. Conrad. 166,043; Jan. 9.
Bread, rolls, biscuits, cakes, etc. Ward Baking Company. 175,374; Sept. 4.
Bread, Whole-wheat. Hillsdale Baking Company. 179,534; Nov. 6.
Breads, cakes, and pastries. C. A. Franke. 170,762; May 1.
Butter. Aberdeen Creamery Company. 164,793; Jan. 30.
Butter. Anna Creamery Company. 174,685; July 31.
Butter. H. N. Brawner, jr. 161,347; June 5.
Butter. H. N. Brawner, jr. 161,348; Nov. 20.
Butter. H. C. Christians Co. 185,566; Dec. 25.
Butter. Clyde Creamery Company. 167,290; June 5.
Butter. Davis-Cleaver Produce Company. 180,845; Dec. 11.
Butter. Dodge City Ice Cream & Produce Company. 168,600; Jan. 16.
Butter. S. T. Edel's Sons. 161,415; Sept. 11.

Classified list of trade-mark titles—Continued.

Butter. Fairmont Creamery Co. 160,405; Jan. 30.
Butter. Galeton Dairy Products Company. 177,837; Aug. 21.
Butter. T. F. Gallagher. 159,466; Sept. 11.
Butter. Great Atlantic and Pacific Tea Company. 174,776; June 5.
Butter. Gude Brothers, Kieffer Company. 174,441; Oct. 16.
Butter. Iola Creamery Company. 171,759; Mar. 13.
Butter. W. C. Kammerer. 184,466; Dec. 25.
Butter. Kinney Brothers. 103,894; Oct. 23.
Butter. Kirschbraun & Sons, Inc. 161,687; June 5.
Butter. Milk Producers Association of Central California. 172,281; June 5.
Butter. Milton Diary Company. 161,691; Jan. 30.
Butter. Mooresville Co-Operative Creamery Co. 171,280; Mar. 13.
Butter. Nickel & Drummey. 178,624; Sept. 25.
Butter. W. Perkins. 174,027; June 5.
Butter. Rugby Creamery. 181,779; Oct. 2.
Butter. Sumner Co. 152,968; Mar. 6.
Butter. Sunshine Stores, Inc. 168,498; Mar. 20.
Butter. Swingley Bros. 182,781; Oct. 2.
Butter. Tell City Creamery Company. 180,950; Nov. 13.
Butter. Valley Dairy Products Company. 180,674; Nov. 13.
Butter. Veenstra Produce Co. 170,452; June 5.
Butter. Western Ohio Creamery Co. 174,272; Sept. 11.
Butter. I. O. Wise. 178,650; Dec. 11.
Butter and cheese. New Zealand Co-Operative Dairy Company Limited. 168,332; Sept. 4.
Butter and cheese. New Zealand Co-operative Dairy Company Limited. 168,335; Nov. 20.
Butter and eggs. Gude Brothers, Kieffer Company. 174,442; July 10.
Butter and eggs. R. I. Lamoreaux. 168,316; Mar. 20
Butter and eggs. James Van Dyk Co. 168,566; Sept. 25.
Butter and eggs, Creamery. D. Langfeld. 167,181; Jan. 9.
Butter, cheese, eggs, and sausage. Swift and Company. 163,186; Mar. 20.
Butter, coffee, tea, spices, etc. Mound City Creamery and Food Products Co. 160,953; Mar. 27.
Butter, Creamery. Greendale Dairy. 153,974; Nov. 6.
Butter, Creamery. Harrow-Taylor Butter Co. 170,328; May 8.
Butter, Creamery. Kirschbraun & Sons, Inc. 167,819; Feb. 6.
Butter, Creamery. D. Langfeld. 167,182; Jan. 9.
Butter, dried beans, bread, etc. H. P. Hood & Sons, Inc. 146,213; Dec. 11.
Butter, dried beans, bread, etc. H. P. Hood & Sons, Inc. 146,216; Apr. 3.
Butter, eggs, and cheese. H. N. Brawner, jr. 170,707; May 15.
Butter, eggs, and cheese. Taylor Produce Co. 150,413; Aug. 7.
Butter, eggs, cheese. Kurtin & Kurtin. 155,410; Feb. 6.
Butter, eggs, cheese, lard, etc. Vermont Creamery Incorporated. 165,903; Mar. 27.
Butter, eggs, lard, etc. Dunlevy Packing Company. 155,668; July 24.
Butter, eggs, milk, cream, and cheese. Gold Meadow Creamery. 167,298; May 8.
Butter, fresh eggs, cheese. S. S. Long & Bro., Inc. 157,932; Jan. 23.
Butter, Nut. E. F. Drew & Co. 163,617; Nov. 20.
Butter, oleomargarine, eggs, etc. Dunlevy Packing Company. 150,311; Sept. 11.
Butter, oleomargarine, eggs, lard, etc. Dunlevy Packing Company. 150,310; Aug. 7.
Butter, olives, and oleomargarine. Arthur E. Dorr & Co. 80,177; June 5.
Butter, poultry, and eggs. Alloway Brothers. 181,100; Oct. 16.
Butter, raw cream, fresh eggs, etc. A. W. Barber. 154,118; Nov. 13.
Buttermilk. Concentrated. Consolidated Products Co. 177,364; Sept. 18.
Cabbage, Pickled. Block-Zimmerman & Company. 173,226; May 29.
Café au lait. Nestlé & Anglo-Swiss Condensed Milk Co. 157,627; Sept. 18.
Cake. Diamond Cake Company. 160,239. Mar. 27.
Cake. Freihofer Baking Company. 179,787–8; Oct. 30.
Cake. C. A. Hellwig. 181,988; Nov. 20.
Cake. Purity Cake Company. 175,212; Nov. 20.
Cake. Tasty Baking Company. 157,084; July 24.
Cake. R. B. Ward & Co. 180,995; Sept. 11.
Cake. R. B. Ward & Co. 186,400; Dec. 25.
Cake and cake mix. Joe Lowe Co. 178,109; Aug. 21.
Cake and pastry mixture. S. W. Noggle. 169,773; Feb. 27.
Cake and pastry mixture. S. W. Noggle. 169,774; May 1.
Cake. Fruit. Crane Chocolate Company. 167,974; Sept. 18.
Cake, Fruit. L. Simon. 169,987; May 1.
Cake icing. L. A. Turck. 183,179; Oct. 30.
Cake icing, pie filling, shredded coconut, etc. Mills Brothers Company. 174,716; Sept. 11.
Cake mix. Hirsch Brothers Co. 171,081; Mar. 13.
Cake, Toasted sponge. Tasty Baking Company. 175,684; Aug. 21.
Cakes. J. Bermejo. 177,582; Sept. 18.
Cakes. Colonial Biscuit Company. 159,410; Aug. 7.
Cakes. Cushman's Sons, Inc. 171,415; Mar. 13.
Cakes. Loose-Wiles Biscuit Company. 179,542; Sept. 11.
Cakes. M. Tuuri. 173,015; Nov. 6.
Cakes. Ward Baking Company. 171,437; Mar. 13.
Cakes. Ward Baking Company. 184,531–3; Dec. 25.
Cakes and bread. Atlas Baking Company. 166,623; May 15.
Cakes, cookies, and fried cakes. Grennan Cake Corporation. 153,179; May 22.
Calves and yearlings, Live. Highland Hereford Breeder's Association. 185,785; Dec. 11.
Candied pop corn. J. E. Mosiman. 155,024; Jan. 2.
Candies. John B. Arata Jr., Inc. 180,515; Sept. 11.
Candies. D. Auerbach and Sons. 173,737; Apr. 24.
Candies. C. S. Ball Candy Co. 185,856; Nov. 27.
Candies. A. Bernard. 176,155–6; June 19.
Candies. Betty Lou College Candy Company. 152,670; Jan. 9.
Candies. I. E. Block. 162,237; Dec. 4.
Candies. H. Brune. 178,163; Nov. 27.
Candies. I. C. Candy Co. 186,791; Dec. 11.
Candies. L. J. Christopher Co. 177,958–9; June 12.
Candies. M. M. Diffenbacher. 158,113; Sept. 25.
Candies. Dolly Varden Chocolate Company. 175,632; May 22.
Candies. Douglass Caramel Company. 179,591; Sept. 18.
Candies. Ederer Bros. 174,563; Dec. 25.
Candies. Mary Fraser Candies, Inc. 179,366; Oct. 16.
Candies. Golden Pheasant, Inc. 178,385; June 12.
Candies. Mary M. Hardy & Florence H. Baird. 174,737; May 8.
Candies. H. Jevne Co. 162,685; Jan. 30.
Candies. Robert A. Johnston Co. 169,715; Apr. 3.
Candies. King Candy Co. 169,551; May 1.
Candies. King Candy Co. 172,113; Apr. 10.
Candies. Loft, Inc. 180,708; Sept. 11.
Candies. Mason, Au & Magenheimer Confectionery Manufacturing Company. 168,978; Apr. 3.
Candies. J. G. McDonald Chocolate Co. 163,588; Feb. 6.
Candies. A. L. Miller. 162,561; Nov. 13.
Candies. Mission Candy Company. 159,367; May 23.
Candies. Nunnally Company. 177,103; Oct. 16.
Candies. Pacific Coast Biscuit Company. 172,119; Apr. 10.
Candies. Peerless Confection Company. 169,604; Aug. 7.
Candies. Peerless Confection Company. 169,605; July 24.
Candies. Peterkin Company. 174,485; July 17.
Candies. Quaker City Chocolate & Confectionery Company. 174,487; May 29.
Candies. S. E. Rathburn. 167,751; Feb. 6.
Candies. M. Ringe. 154,570; Aug. 14.
Candies. D. H. Roller. 182,692; Dec. 4.
Candies. Samson Candy Co. 175,538; June 19.
Candies. W. F. Schrafft & Sons Corporation. 159,327; Apr. 3.
Candies. Shotwell Mfg. Co. 181,456; Aug. 21.
Candies. Sophie Mae Candy Corporation. 164,085; Nov. 27.
Candies. F. M. Switzer. 168,738; Sept. 25.
Candies. H. E. Weber. 167,281; Mar. 27.
Candies. Stephen F. Whitman & Son, Incorporated. 177,642; Aug. 14.
Candies. H. J. Williamson. 167,857; Feb. 6.
Candies and assorted chocolates. Union News Company. 172,498; May 15.
Candies and candied fruit. Miller & Paine, Inc. 176,750; July 3.
Candies and chocolates. Loomis-Woodward Co. 158,086; Jan. 30.
Candies and chocolates. Park & Tilford. 182,438; Sept. 25.
Candies and chocolates. United Cigar Stores Company of America. 166,613; Mar. 6.
Candies and other sugar products. A. L. Boyd. 173,697; Oct. 16.
Candies, bonbons, chocolates, and marshmallows, Hard and soft. C. Baruxes. 168,144; Mar. 13.
Candies, candy confections, sweetmeats, and chewing gum. Ideal Caramel Company. 177,227; Sept. 4.
Candies, candy confections, sweetmeats, chewing gum. Ideal Caramel Company. 177,225–6; Aug. 28.
Candies, Chocolate. Clinton Copeland Co. 162,532; July 3.
Candies, Chocolate. E. Greenfield's Sons. 170,382; Mar. 13.
Candies. Chocolate. Parnibeck Chocolate Co. 175,515; May 15.
Candies, Chocolate. Shapiro Candy Mfg. Co. 163,599; Sept. 11.
Candies, Hard. E. P. Lewis. 180,707; Oct. 9.
Candies in jars, Hard. D. Auerbach & Sons. 164,143; Jan. 9.
Candies, Marshmallow. Wm. H. Luden Inc. 183,308; Sept. 18.
Candies, pastries, breads, cakes. A. Paulson. 170,538; Sept. 18.
Candy. Alpine Chocolates Company. 146,194; Nov. 27.

Candy. Alpine Chocolates Company. 152,666; Jan. 16.
Candy. Ambrosia Chocolate Co. 168,094; Aug. 21.
Candy. Ambrosia Chocolate Co. 171,887; Apr. 10.
Candy. Ambrosia Chocolate Co. 171,888; Dec. 11.
Candy. Fred W. Amend Co. 167,286; Feb. 6.
Candy. American Oriental Candy Mfg. Co. 153,793; May 22.
Candy. M. K. Anderson. 167,446; Feb. 6.
Candy. C. A. Asher. 165,477; Nov. 6.
Candy. Beaux-Arts Candy Company. 181,002–3; Sept. 25.
Candy. Belle Mead Sweetsmakers. 171,148; Mar. 27.
Candy. F. L. Berg. 173,289; Apr. 24.
Candy. Binghamton Candy Co. 184,318; Nov. 13.
Candy. Walter O. Birk Candy Company. 169,525; Dec. 11.
Candy. C. F. Blanke Candy Company. 181,107–8; Oct. 30.
Candy. Bonita Company. 160,856; Jan. 9.
Candy. Bonita Co. 179,849; Sept. 11.
Candy. Bonita Co. 184,637; Dec. 18.
Candy. A. Bonomo. 151,306; Feb. 6.
Candy. Brecht Candy Company. 172,199; Apr. 10.
Candy. George K. Brown Company. 184,812; Nov. 6.
Candy. Bunte Brothers. 168,294; May 8.
Candy. Bunte Brothers. 168,446; May 8.
Candy. Buttersweet Products Corporation. 180,580; Sept. 11.
Candy. Cactus Crystal Company. 171,449–50; Mar. 27.
Candy. Cannar & Marshall. 176,879; Aug. 28.
Candy. Capital Candy & Cracker Company. 163,969; Sept. 25.
Candy. Cardinet Candy Company. 179,584; Oct. 30.
Candy. Cardinet Candy Company. 181,878; Sept. 4.
Candy. Catawba Candy Co. 170,004; Mar. 13.
Candy. Catawba Candy Co. 182,498; Sept. 18.
Candy. Chandler and Rudd Company. 186,464; Dec. 25.
Candy. Charter Chocolate Company. 141,556; Jan. 9.
Candy. Charter Chocolate Company. 141,557; Mar. 6.
Candy. Charter Chocolate Company. 181,816; Sept. 4.
Candy. G. W. Chase and Son Mercantile Co. 176,787; May 29.
Candy. Chase Candy Co. 177,474; Nov. 20.
Candy. Chocolate Products Company. 171,686; May 1.
Candy. Chocolate Products Company. 174,890; May 29.
Candy. Chocolate Products Company. 175,711; June 19.
Candy. Citizens' Wholesale Supply Co. 154,791; Feb. 13.
Candy. George Close Co. 170,561; June 26.
Candy. George Close Co. 170,562; May 1.
Candy. George Close Co. 170,563; Aug. 14.
Candy. George Close Co. 170,564; May 8.
Candy. George Close Co. 172,516–7; Apr. 17.
Candy. Cola Gems Company. 182,332; Oct. 16.
Candy. Consumers Biscuit Company. 176,164; Sept. 25.
Candy. C. A. Crane. 183,023; Oct. 16.
Candy. Crescent Creole Candy Co. 130,160; Mar. 6.
Candy. Crystal Candy Co. 157,476; Jan. 2.
Candy. Crystal Candy Co. 162,872; Feb. 20.
Candy. Darling Sweets, Inc. 172,732; July 10.
Candy. E. Dean. 169,435; May 15.
Candy. De Klyn Candy Co. 180,530; Aug. 28.
Candy. H. Dilas. 176,731; July 10.
Candy. Direct Chocolate Company. 180,755; Aug. 21.
Candy. Dolly Varden Chocolate Company. 182,236; Sept. 11.
Candy. W. H. Eads. 168,759; Apr. 17.
Candy. Elm City Candy Co. 147,719; May 15.
Candy. Elmer Candy Co. 175,077; July 3.
Candy. Elmer Candy Co. 175,229; July 3.
Candy. Elmer Candy Co. 179,860; Dec. 25.
Candy. Euclid Candy Company. 144,611; Mar. 27.
Candy. Euclid Candy Co. 176,171; July 3.
Candy. Euclid Candy Co. 185,513; Dec. 25.
Candy. G. Farmakes. 180,113; Nov. 6.
Candy. A. D. Flynn. 178,601–2; July 17.
Candy. Friedman-Kerr Co. 168,714; Feb. 13.
Candy. Frozen Fruit, Inc. 159,088; Aug. 14.
Candy. Fulton Confectionery Company. 182,577; Oct. 30.
Candy. D. Gambinossi. 176,265; Aug. 14.
Candy. Geiger Candy Company. 183,058; Sept. 18.
Candy. Geiger Candy Company. 183,060–2; Sept. 18.
Candy. C. E. Gheens. 169,542; May 8.
Candy. C. E. Gheens. 169,709; Sept. 4.
Candy. Grace Chocolate Company. 169,207; Mar. 6.
Candy. S. B. Goff & Sons Company. 172,939; May 22.
Candy. Gorham Chocolate Company. 163,269; Jan. 9.
Candy. W. T. Grant Company. 170,881; Aug. 14.
Candy. Gurinian Candy Co. 161,248; Feb. 13.
Candy. Gurley Candy Company. 163,267; May 15.
Candy. Halligan Candy Company. 173,043; Apr. 17.
Candy. Harris Woodson Co. 180,216; Sept. 25.
Candy. M. A. Hasty. 175,492; July 3.
Candy. Hawley & Hoops. 177,971; Aug. 14.
Candy. Walter J. Hirsch Company. 162,547; May 15.
Candy. E. A. Hoffman. 168,471; May 8.
Candy. E. A. Hoffman. 174,393; July 24.
Candy. E. A. Hoffman Candy Co. 182,096; Dec. 4.
Candy. G. B. Hooker. 174,778; June 19.
Candy. Howard H. Hoyt Candy Co. 162,738; Jan. 16.
Candy. Huyler's. 171,172; July 17.
Candy. Huyler's. 175,657; June 26.
Candy. Import Drug Specialties Co. 178,847; Aug. 14.
Candy. B. L. Johnson & Co. 177,975; Aug. 14.
Candy Robert A. Johnston Company. 175,659; May 15.
Candy. E. H. Josselyn. 176,190; Aug. 14.
Candy. Kalifornia Kola Co. 182,590; Oct. 30.
Candy. G. Kantes. 169,764; May 15.
Candy. N. G. Knight. 162,824; May 22.
Candy. C. Leichtman. 175,932; Aug. 14.
Candy. L. L. Lipschultz. 169,311; Apr. 3.
Candy. Walter M. Lowney Company. 166,187; Jan. 16.
Candy. Walter M. Lowney Company. 177,235; July 3.
Candy. Wm. H. Luden Inc. 180,541; Sept. 18.
Candy. Wm. H. Luden Inc. 180,542; Sept. 25.
Candy. Lukis Candy Company. 158,683; Mar. 6.
Candy. T. C. Mahoney. 167,087; Jan. 23.
Candy. Maison Blanche Co. 172,753; Aug. 28.
Candy. Maple Products Co. 162,498; Jan. 30.
Candy. Marshall Candy Company. 171,227; Mar. 27.
Candy. J. G. McDonald Chocolate Co. 177,982; June 12.
Candy. McDowell, Pyle & Co. 170,723; Mar. 27.
Candy. O. A. McQuillan. 169,452; Mar. 27.
Candy. J. Mendell. 184,343; Dec. 11.
Candy. Mer-Sha Candies. 160,621; June 5.
Candy. A. B. Mewhinney Co. 166,952; Jan. 16.
Candy. A. B. Mewhinney Co. 168,481; July 3.
Candy. A. B. Mewhinney Co. Inc. 162,562; Mar. 27.
Candy. A. L. Miller. 179,479; July 31.
Candy. W. R. Montague Company. 167,580; July 31.
Candy. A. G. Morse Co. 151,880; Jan. 2.
Candy. A. G. Morse Company. 173,438; Apr. 24.
Candy. A. G. Morse Co. 185,834; Nov. 27.
Candy. A. G. Morse Co. Inc. 175,674; May 15.
Candy. National Candy Company. 172,549; July 17.
Candy. New England Confectionery Company. 154,810; July 3.
Candy. New England Confectionery Company. 154,812; Apr. 3.
Candy. New England Confectionery Company. 154,815; Apr. 3.
Candy. New England Confectionery Company. 154,820; Apr. 17.
Candy. New England Confectionery Company. 154,839; Apr. 17.
Candy. New England Confectionery Company. 154,840–1; Mar. 27.
Candy. New England Confectionery Company. 176,274; May 22.
Candy. New England Confectionery Company. 182,256; Sept. 18.
Candy. V. B. Norris. 185,259; Dec. 11.
Candy. Ohio Confection Company. 162,763; June 5.
Candy. Ohio Confection Company. 175,883; May 15.
Candy. Pacific Coast Biscuit Company. 164,189; Sept. 25.
Candy. Palmer Candy Co. 165,301; Jan. 2.
Candy. Palmer Candy Co. 170,152; Mar. 13.
Candy. Pangburn Company. 183,538; Sept. 18.
Candy. Pangburn Company. 183,538; Dec. 11.
Candy. Paxton and Gallagher Co. 165,410; Feb. 20.
Candy. C. Perceval. 177,048; July 24.
Candy. Planters Nut & Chocolate Company. 176,567–8; July 3.
Candy. Pray Candy Company. 146,591; Oct. 16.
Candy. F. J. M. Rademaker. 166,571; Feb. 27.
Candy. F. J. M. Rademaker. 166,571; Sept. 11.
Candy. Rey-Del-Rey Candy Co. 172,044; July 24.
Candy. Richards-Scheble Candy Co. 182,771; Oct. 16.
Candy. W. G. Rodiger. 182,997; Dec. 11.
Candy. Rogers Candy Company. 182,612–4; Oct. 16.
Candy. Rood Candy Company. 162,581; July 10.
Candy. Rood Candy Co. 171,188; Mar. 27.
Candy. C. J. Rosso. 183,317; Sept. 18.
Candy. A. Saulpaugh. 181,912; Oct. 16.
Candy. Schutter-Johnson Candy Co. 180,555–7; Sept. 11.
Candy. Frank G. Shattuck Company. 172,560; May 15.
Candy. O. M. Sheppard. 173,367; June 19.
Candy. George H. Shinn Co. 187,268; Dec. 25.
Candy. H. I. Sifers. 178,067; June 12.
Candy. Sioux Candy Company. 184,687; Dec. 4.
Candy. Sisco Bros. Candy Co. 168,493; Apr. 24.
Candy. Smith-Kirk Candy Co. 151,852; Jan. 2.
Candy. Spangler Candy Co. 175,815; June 26.
Candy. Spoehr's. 139,134; June 19.
Candy. Standard Candy Company. 179,492; Sept. 11.
Candy. M. M. Sumonia. 178,682; June 12.
Candy. J. W. Surbrug. 174,220; Dec. 11.
Candy. Tacoma Biscuit & Candy Company. 174,600; June 5.
Candy. Temple Candy Company. 169,096; Feb. 27.
Candy. Tennessee Biscuit Co. 183,951; Nov. 13.
Candy. E. C. Thomson. 169,144; Mar. 6.
Candy. J. B. Trawley. 185,514; Dec. 11.
Candy. U. R. S. Candy Stores, Inc. 154,675; Mar. 27.
Candy. U. R. S. Candy Stores, Inc. 162,594; May 1.
Candy. U. R. S. Candy Stores, Inc. 168,502; Apr. 24.
Candy. F. K. Underwood. 170,959; Sept. 25.
Candy. Universal Theatres Concession Co. 179,070; July 31.
Candy. Universal Theatres Concession Co. 179,072; July 31.
Candy. Val Blatz Jr. Candy Co. 179,291; Sept. 11
Candy. A. R. Walker Candy Corporation. 179,074; Sept. 25.

Classified list of trade-mark titles—Continued.

Candy. R. S. Walters. 164,140; Jan. 16.
Candy. F. B. Washburn & Co. 168,863; Feb. 13.
Candy. H. Waterman. 166,425; Mar. 27.
Candy. A. C. Watson. 171,112; June 26.
Candy. Webers. 159,826; Oct. 23.
Candy. Westmoreland Candy Company. 154,677; May 22.
Candy. White City Candy Mfg Co. 184,881; Dec. 11.
Candy. Stephen F. Whitman & Son. 171,052; Apr. 3.
Candy. A. Widdis. 184,777; Dec. 11.
Candy. Wiegel Candy Co. 164,017; Apr. 10.
Candy. A. Williams. 179,980; Aug. 7.
Candy. Wilton-Plantz Candy Company. 154,540; May 1.
Candy. John G. Woodward & Co. 176,238; July 3.
Candy. Zucnutkandy Company. 181,969; Sept. 25.
Candy and a candied sweetmeat—namely, pop corn. A. A. Keiper. 160,014; Feb. 13.
Candy and cakes. Busy Bee Candy Company. 171,829; July 31.
Candy and cakes. M. B. Stock. 185,233; Dec. 25.
Candy and candy filler. Sun Maid Raisin Growers. 163,706; Feb. 20.
Candy and coconut-bar candy. Queen Anne Candy Company. 164,192; Feb. 20.
Candy and chocolates. D'Orlando & Co. 168,357; Sept. 4.
Candy and chocolates. E. A. Hoffman. 159,024; June 26.
Candy and confections. E. McKnight. 171,761; May 1.
Candy and confections. E. McKnight. 183,714; Nov. 6.
Candy and nut-bar candy. Queen Anne Candy Company. 164,193; Feb. 27.
Candy and peppermint lozenges. Sally Mint Company. 169,185; Apr. 24.
Candy and sugared assorted nuts. J. W. Surbrug. 169,962; May 22.
Candy bar. Hoffman Candy Co. 178,343; July 17.
Candy bar. Miller-McMillen Co. 172,235; May 8.
Candy, Bar. Val. Blatz, jr., Candy Co., 162,528; Mar. 27.
Candy bar. Chocolate. Theodore Gottmann & Sons. 170,015; May 8.
Candy bar, Chocolate-covered. Confection Products Inc. 185,818; Nov. 27.
Candy bar, Chocolate-covered. Shotwell Mfg. Co. 158,898; Dec. 11.
Candy bars. J. J. M. Carametos. 168,513; June 26.
Candy bars. Fort Dearborn Candy Company. 160,801; Apr. 24.
Candy bars. M. Economos. 164,310; Feb. 6.
Candy, Base or filler for. White Stokes Co. 178,792; Sept. 4.
Candy, cakes, shelled nuts, and sandwiches. O. P. Baur Conf. Co. 171,723; Oct. 30.
Candy, Chocolate. Advance Candy M'f'g Corp. 164,356; Apr. 3.
Candy, Chocolate. C. C. Brown Candy Co. 169,279; July 3.
Candy, Chocolate. Maatschappij tot Exploitatie van Rademaker's Koninklijke Cacao en Chocolade Fabrieken. 166,532; Dec. 11.
Candy, Chocolate. Maatschappij tot Exploitatie van Rademaker's Korimklijke Cacao en Chocolade-fabrieken. 166,533; May 1.
Candy, Chocolate. Mueller-Keller Candy Company. 182,986; Nov. 27.
Candy coated with chocolate. Minter Bros. Candy Co. 165,878; Jan. 2.
Candy, cocoa, chocolate, etc. Huylers. 135,754; Mar. 27.
Candy confections. Canterbury Candy Makers, Inc. 182,651; Oct. 16.
Candy, confections, and candy-coated fruits. C. R. Pearce Company. 168,938–9; Jan. 30.
Candy confections and sugar-coated fruits. C. R. Pearce Company. 173,143–4; Apr. 17.
Candy cup for holding ice cream and ices. Las-Ka Company. 181,286; Dec. 25.
Candy, ice cream, nut meats. M. A. Bottomley. 159,995; Oct. 16.
Candy in the shape of chickens, rabbits, and eggs, Molded sugar. Consumers Biscuit Company. 164,232; Jan. 9.
Candy kisses. H. E. Ballance. 170,265; May 8.
Candy kisses. H. E. Ballance. 170,266; May 29.
Candy, Licorice. National Licorice Company. 183,041; Sept. 18.
Candy—namely, bar goods. Gurley Candy Company. 163,268; Feb. 13.
Candy, peanut butter, peanut-butter sandwich, shelled and salted peanuts, etc. Lance Packing Co. 156,644; Mar. 20.
Candy, Pop-corn. Shotwell Mfg. Co. 181,416; Sept. 25.
Candy, Stick. Davis-Reese Co. 183,959; Dec. 18.
Candy, Stick. H. Lowenthal. 169,640; Feb. 27.
Candy, Whipped-cream. W. A. Vellguth. 164,207; Jan. 16.
Canned and bottled fruits, jams, jellies, and olives. Virden Packing Company. 175,581; May 15.
Canned and bottled goods. Waples-Platter Grocer Co. 175,287; July 10.
Canned and dehydrated fruits and vegetables. King's Food Products Company. 165,388; Feb. 13.
Canned and dehydrated fruits and vegetables. King's Food Products Company. 165,389; Mar. 6.
Canned and dehydrated fruits and vegetables. King's Food Products Company. 165,390; Feb. 13.
Canned and dehydrated fruits and vegetables. King's Food Products Co. 165,391; Feb. 27.
Canned and dehydrated fruits and vegetables. King's Food Products Company. 165,392; Dec. 4.
Canned and dehydrated fruits and vegetables. King's Food Products Company. 165,393; Feb. 13.
Canned and dehydrated fruits and vegetables. King's Food Products Co. 171,129; July 3.
Canned and dried fruits. United States Products Corporation. 166,331; Sept. 25.
Canned and dried fruits and vegetables. Johnson-Locke Mercantile Co. 168,314; July 3.
Canned and dried fruits and vegetables, canned fish, salted fish, canned meats, etc. Steele-Wedeles Company. 159,889; Mar. 20.
Canned and preserved figs, canned fruits and vegetables. Kings County Packing Co. 171,328; June 26.
Canned apricots, grapes, plums, peaches, pineapple, cherries, pears, corn, peas, and asparagus. Francis H. Leggett & Company. 171,275; May 8.
Canned baked beans with pork. Ehmann Olive Company. 168,359; Apr. 24.
Canned beans and pork, vegetables, and clams. Burnham & Morrill Company. 185,557; Dec. 18.
Canned beans and tomatoes, etc., chili sauce, and catchup put up in containers. American Cone and Pretzel Company. 171,398; May 1.
Canned berries and vegetables. Humbird Canning Co. 179,535; Nov. 27.
Canned bird food. S. L. Lipkin. 175,933; Nov. 6.
Canned blueberries. Chandler River Co-Operative Canning Association. 180,208; Dec. 11.
Canned cherries. Hood River Canning Co. 172,093; Apr. 10.
Canned cherries, June peas, salmon, etc. Otto Muhlbauer & Co. 166,466; Mar. 27.
Canned chili. P. Baca. 179,348; Oct. 30.
Canned chili. P. Baca. 179,349; Nov. 20.
Canned chili tomato sauce. Colonial Packing Co. 180,965; Sept. 25.
Canned citrous fruit. Florida Citrus Exchange. 175,719; Aug. 14.
Canned citrous fruits, grapefruits. Florida Citrus Exchange. 179,862; Sept. 4.
Canned clams. K. C. B. Cannery, Inc. 170,067; Mar. 13.
Canned clams. G. Strand. 164,971; Jan. 30.
Canned clams and sardines. Arthur L. Johnson Co. of Rhode Island. 183,926; Nov. 6.
Canned corn. Illinois Canning Company. 181,895; Sept. 25.
Canned corn. Iowa City Canning Co. 183,710; Nov. 13.
Canned corn and peas. Shaffer Stores Company. 186,334; Dec. 25.
Canned corn and succotash. Burnham & Morrill Company. 177,357; May 29.
Canned corn, peas, beans, succotash, etc. South Bend Wholesale Grocery Company. 175,814; June 19.
Canned crab meat. Taiyo Trading Co. 176,580; July 24.
Canned crab meat. Taiyo Trading Co. 176,769; July 3.
Canned crab meat. Taiyo Trading Company. 182,274; Dec. 18.
Canned, dried, and preserved fruits, berries, vegetables, etc. Libby, McNeil & Libby. 176,268; Sept. 4.
Canned evaporated milk. C. A. Baumann. 155,661; June 5.
Canned evaporated milk. C. A. Baumann. 155,662–3; May 8.
Canned figs. Food Products Co. 172,873; Apr. 17.
Canned fish. Abbott, Hall & Co. 177,580; July 3.
Canned fish. Altoona Packing Company. 178,542; July 17.
Canned fish. Altoona Packing Company. 178,543; Sept. 11.
Canned fish. F. E. Booth Co. 185,103; Nov. 6.
Canned fish. Carmel Canning Co. 176,323; May 22.
Canned fish. Coast Fishing Company. 176,327; June 26.
Canned fish. F. H. Fromm. 172,329; May 15.
Canned fish. Jos. Garneau Co. 175,080; July 24.
Canned fish. Jos. Garneau Co. 186,899; Dec. 11.
Canned fish. Gatlin and Gatlin. 181,562; Aug. 21.
Canned fish. J. Madison. 175,611; Oct. 16.
Canned fish. P. Petrich. 174,150; June 26.
Canned fish. Reid, Murdoch & Co. 167,828; Sept. 25.
Canned fish. Taylor & Sledd, Inc. 176,927; Sept. 11.
Canned fish. Van Camp Sea Food Company. 171,343; Mar. 27.
Canned fish. Western California Fish Co. 168,394; Nov. 6.
Canned fish, fruit, and vegetables. A. T. Kittle. 173,772; June 5.
Canned fish, fruit, and vegetables. North American Mercantile Co. 174,909; June 5.
Canned fish, fruits, and vegetables. R. E. Cotter Co. 180,209; Aug. 14.
Canned fish, fruits, and vegetables. J. S. Hume. 179,941; Sept. 25.
Canned fish, fruits, vegetables, and olives. Van Camp Sea Food Company. 185,165; Dec. 4.
Canned fish, fruits, vegetables, and soups, jellies, coffee, etc. Jenkinson-Bode Company. 135,150; Feb. 20.

Canned fish, preserved fruits, and vegetables. John Crampton & Co. 183,255; Oct. 23.
Canned fish, vegetables, and fruits, jams, etc. Taylor & Sledd, Inc. 176,926; Sept. 11.
Canned foods. Marshall Canning Company. 165,398; Jan. 30.
Canned fruit. F. E. Booth Co. 184,811; Nov. 6.
Canned fruit and vegetables and dried fruit. Barron-Gray Packing Co. 177,818; July 17.
Canned fruit and vegetables, jams, etc. California Preserving Company. 180,518; Sept. 25.
Canned fruit, vegetables and fish, and dried fruit. United States Products Corporation. 164,979; Feb. 27.
Canned fruits. J. C. Ainsley Packing Co. 167,911; Feb. 6.
Canned fruits. Banning Canning Co. 164,229; May 15.
Canned fruits. Banning Canning Co. 164,300; Feb. 13.
Canned fruits. Thomas Body Co. 168,020; Mar. 27.
Canned fruits. G. H. Corse, jr. 184,436; Oct. 23.
Canned fruits. General Commercial Company. 169,291–2; Feb. 27.
Canned fruits. Hunt Brothers Packing Company. 187,463; Dec. 18.
Canned fruits. Geo. E. Hyde & Co. Inc. 168,413; Apr. 24.
Canned fruits. Kings County Packing Co. 168,042; July 24.
Canned fruits. Kings County Packing Co. 168,043–4; Mar. 27.
Canned fruits. Kings County Packing Co. 168,419; Feb. 20.
Canned fruits. Kings County Packing Co. 168,421; May 15.
Canned fruits. Kings County Packing Co. 168,422; Sept. 4.
Canned fruits. Kings County Packing Co. 171,329; June 26.
Canned fruits. Mailliard & Schmiedell. 167,312; Feb. 6.
Canned fruits. Mt. Angel Producers Packing Co. 170,689; Mar. 27.
Canned fruits. Olympia Canning Company. 169,080; June 26.
Canned fruits. Olympia Canning Company. 169,082; Mar. 6.
Canned fruits. Olympia Canning Company. 178,271; Oct. 23.
Canned fruits. Oregon Growers Cooperative Association. 174,851; July 3.
Canned fruits. Producers Canning and Packing Company. 164,257; Jan. 9.
Canned fruits. Producers Canning and Packing Company. 164,258; June 5.
Canned fruits. Ray-Maling Co. 175,809; July 3.
Canned fruits. Richmond-Chase Company. 170,036; Mar. 13.
Canned fruits. Sussman, Wormser & Co. 181,575; Sept. 25.
Canned fruits. Thomas-Body Co. 173,792; Apr. 24.
Canned fruits. Virden Packing Company. 172,068; Apr. 10.
Canned fruits. George Wills & Sons, Ltd. 163,721; Mar. 27.
Canned fruits. F. G. Wool Packing Company. 185,168; Dec. 4.
Canned fruits and berries. Northwest Fruit Products Company. 185,609; Dec. 25.
Canned fruits and berries. Oregon Canning Company. 187,340; Dec. 25.
Canned fruits and berries. Pacific Food Products Co. 185,610; Nov. 13.
Canned fruits and berries. Producers Canning & Packing Co. 171,550; Apr. 10.
Canned fruits and berries. Ray-Maling Co. 175,812; July 3.
Canned fruits and berries. Springbrook Canning Company. 185,055; Dec. 18.
Canned fruits and berries. Starr Fruit Products Co. 187,356; Dec. 18.
Canned fruits and fruit preserves, canned vegetables, etc. Reid, Murdoch & Co. 163,176; Nov. 20.
Canned fruits and vegetables. Acme Grocery Co. 166,625; Jan. 16.
Canned fruits and vegetables. Allen & Lewis. 174,379; July 3.
Canned fruits and vegetables. Atascadero Fruit Exchange. 171,300; Mar. 27.
Canned fruits and vegetables. Atascadero Fruit Exchange. 171,346; June 26.
Canned fruits and vegetables. F. M. Ball & Company. 174,229; May 15.
Canned fruits and vegetables. Beesemyer-Waggoner, Inc. 185,650; Nov. 20.
Canned fruits and vegetables. Beesemyer-Waggoner, Inc. 185,687–9; Nov. 13.
Canned fruits and vegetables. J. F. Butts Co. 178,551; July 17.
Canned fruits and vegetables. California Canneries Co. 178,221; Aug. 14.
Canned fruits and vegetables. California Co-Operative Canneries. 175,844; Aug. 7.
Canned fruits and vegetables. W. J. Dorgan. 186,271; Nov. 27.
Canned fruits and vegetables. El Monte Canning Co. 180,531; Aug. 14.
Canned fruits and vegetables. Filice & Perrelli Canning Co. 171,534; Apr. 10.
Canned fruits and vegetables. Frazar & Company. 183,371; Sept. 18.
Canned fruits and vegetables. Free & Klinck, Inc. 181,019; Sept. 25.
Canned fruits and vegetables. Free & Klinck, Inc. 181,020; Aug. 21.
Canned fruits and vegetables. Fruit Belt Preserving Company. 172,984; Apr. 17.
Canned fruits and vegetables. Golden West Packing Co. 168,679; Feb. 20.
Canned fruits and vegetables. Griffith-Durney Co. 170,016; May 8.
Canned fruits and vegetables. Haas Brothers. 174,694; May 8.
Canned fruits and vegetables. Holland Canning Company. 171,917; July 3.
Canned fruits and vegetables. Kings County Packing Co. 168,041; Feb. 6.
Canned fruits and vegetables. Kings County Packing Company. 168,418; Mar. 27.
Canned fruits and vegetables. Kings County Packing Co. 168,420; Feb. 13.
Canned fruits and vegetables. Kings County Packing Co. 171,327; May 15.
Canned fruits and vegetables. Lucido Brothers Grocery Company. 182,159; Nov. 27.
Canned fruits and vegetables. John W. McCarthy, jr. Inc. 163,341; Apr. 17.
Canned fruits and vegetables. McHenry Cannery 171,937; May 1.
Canned fruits and vegetables. McKnight-Keaton Grocery Co. 177,612; May 8.
Canned fruits and vegetables. F. B. Neuhoff. 171,856; Sept. 4.
Canned fruits and vegetables. F. B. Neuhoff. 171,860; Apr. 10.
Canned fruits and vegetables. F. B. Neuhoff. 173,657; Apr. 24.
Canned fruits and vegetables. H. M. Newhall & Co. 169,770; Feb. 27.
Canned fruits and vegetables. H. M. Newhall & Co. 169,771; May 8.
Canned fruits and vegetables. H. M. Newhall & Co. 169,772; May 1.
Canned fruits and vegetables. New York Canners, Inc. 168,722; Aug. 21.
Canned fruits and vegetables. Nielsen Packing Co. 181,848; Dec. 4.
Canned fruits and vegetables. Nielsen Packing Co. 181,852; Dec. 4.
Canned fruits and vegetables. Oregon Growers Cooperative Association. 167,411–2; July 3.
Canned fruits and vegetables. S. S. Pierce Co. 177,995; July 10.
Canned fruits and vegetables. Sierra Pacific Canning Co. 181,915; Nov. 6.
Canned fruits and vegetables. Sierra Pacific Canning Co. 181,916; Sept. 4.
Canned fruits and vegetables. Albert W. Sisk & Son. 166,718; June 26.
Canned fruits and vegetables. Starr Fruit Products Co. 164,973–4; Feb. 6.
Canned fruits and vegetables. Tamal Packing Co. 181,919–20; Dec. 11.
Canned fruits and vegetables. F. J. Tyler. 162,328; Apr. 24.
Canned fruits and vegetables. Willamette Valley Canneries, Inc. 167,443; Apr. 10.
Canned fruits and vegetables. Winters Canning Company. 164,570; Mar. 6.
Canned fruits and vegetables and dried fruit. United States Products Corporation. 164,978; Feb. 20.
Canned fruits and vegetables and dried fruits. Barron-Gray Packing Company. 177,819–20; June 12.
Canned fruits and vegetables and spices. J. E. Grosberg. 170,683; Mar. 27.
Canned fruits and vegetables, chow-chow, etc. Wholesale Distributors Co. 157,466; Oct. 2.
Canned fruits and vegetables, coffee, tea, and prepared mustard. A. Kickbusch Grocery Company. 177,387; May 29.
Canned fruits and vegetables, condiments, rice, etc. Holstein Harvey, Inc. 166,369; Sept. 11.
Canned fruits and vegetables, dried fruits, etc. P. R. Weidner. 168,343; Apr. 3.
Canned fruits and vegetables, etc. F. M. Ball & Company. 174,879; Sept. 18.
Canned fruits and vegetables, etc. National Packing Corporation. 168,780; Mar. 27.
Canned fruits and vegetables, jams, preserves, dried fruits, etc. California Growers Association, Inc. 169,844; May 15.
Canned fruits and vegetables, olives, pickles, etc. William Cluff Co. 177,363; Aug. 28.
Canned fruits, berries, and vegetables. Ray Maling Co. 175,810; July 3.
Canned fruits, berries, and vegetables. Ray-Maling Co. 175,811; July 24.

Classified list of trade-mark titles—Continued.

Canned fruits, flavoring extracts, fruit jams, etc. Johnson-Appleby Company. 146,440; May 8.
Canned fruits, fruit salad, and vegetables, and dried fruit. F. G. Wool Packing Company. 172,071; May 1.
Canned fruits, olives, fruit jams. Virden Packing Company. 155,716; Mar. 27.
Canned fruits, preserved fruits, canned vegetables, etc. Reid, Murdoch & Co. 165,818; Nov. 13.
Canned fruits, vegetables, and fish. Bay Side Canning Company. 168,751; Mar. 27.
Canned fruits, vegetables, and fish. Dodge, Sweeney & Co. 162,724; Jan. 9.
Canned fruits, vegetables, and fish. Kockos Bros. Inc. 183,216–17; Sept. 18.
Canned fruits, vegetables and fish. Milliard & Schmiedell. 172,232; Apr. 10.
Canned fruits, vegetables, and fish. Symns Grocer Co. 173,152; June 5.
Canned fruits, vegetables, and fish. United States Products Corporation. 168,391; Apr. 17.
Canned fruits, vegetables, and fish, and coffee. J. J. Hogan, Incorporated. 161,130; Feb. 20.
Canned fruits, vegetables, and fish, and dried fruits. Hunt Brothers Packing Company. 187,058; Dec. 25.
Canned fruits, vegetables, and fish, dried fruits, etc. North American Mercantile Co. Inc. 174,910; May 8.
Canned fruits, vegetables, and fish, jam, etc. M. Harding. 164,912; Dec. 11.
Canned fruits, vegetables, and salmon, and condiments. Kroger Grocery & Baking Co. 184,926; Dec. 25.
Canned fruits, vegetables, fish, and jam. George Wills and Sons, Ltd. 163,159; Mar. 27.
Canned fruits, vegetables, fish, and meats, dried fruits, fruit preserves, etc. Joannes Bros. Co. 172,741; Oct. 2.
Canned fruits, vegetables, fish, etc. Louisville Grocery Co. 180,870; Nov. 6.
Canned goods. South Chicago Wholesale Grocery and Produce Company. 181,784; Oct. 9.
Canned goods. John R. Thompson Co. 175,030; Aug. 21.
Canned goods, cereals, etc. See-Moon & Company. 164,270; Oct. 2.
Canned goods, cheese, etc. Joannes Bros. Co. 172,744; Nov. 20.
Canned goods, dried fruits and vegetables, etc. Conley, Flanigen Company. 162,870; Aug. 28.
Canned goods, etc. Universal Wholesale Grocery Co. 174,042; Aug. 28.
Canned goods, spices, etc. Jett & Wood Mercantile Company. 178,253; Oct. 2.
Canned goods, stuffed olives, asparagus, etc. H. T. Quinlan & Company. 116,694; Dec. 18.
Canned goods, tea, coffee, etc. Fischer Brothers Company. 175,782; Aug. 14.
Canned grapefruit, fruit salad, pimentos, tunny, etc. Western Grocer Company. 176,235; Aug. 14.
Canned Hungarian goulash. J. G. Wurm. 167,278; Feb. 27.
Canned, kippered, smoked, and salted fish. Western California Fish Co. 168,395; Feb. 20.
Canned milk. Bradner Condensed Milk Co. 153,869; Nov. 20.
Canned okra. C. Perceval. 177,047; July 3.
Canned olive oil. Michele Ajello Co. 179,448; Oct. 16.
Canned olive oil, fruits, and vegetables. Michele Ajello Co. 179,127; Sept. 25.
Canned olives. Mt. Ida Packing Company. 165,086; Mar. 6.
Canned olives, grapefruit, pimentos, and spinach. Van Camp Sea Food Company. 182,685; Oct. 16.
Canned oysters and shrimp Biloxi Packing & Trading Co. 170,364; Oct. 30.
Canned oysters and shrimp. Biloxi Packing & Trading Co. 173,397; May 22.
Canned oysters, salmon, sardines, and apricots, etc. Winston, Harper, Fisher Company. 166,120; Aug. 7.
Canned peaches, canned Lima beans, beans, tomatoes, and sweet potatoes. American Cone and Pretzel Company. 171,400; May 8.
Canned peaches, tomatoes, and sweet potatoes. American Cone and Pretzel Company. 171,397; May 1.
Canned peas. Calumet Packing Co. 167,383; Oct. 16.
Canned peas. Central Wisconsin Canneries. 173,807; June 5.
Canned peas. San Juan Islands Cannery. 181,911; Nov. 13.
Canned peas and tomatoes. Cincinnati Wholesale Grocery Company. 177,360; July 24.
Canned peas, corn, tomatoes, and pineapple. Cincinnati Wholesale Grocery Company. 177,361; Sept. 4.
Canned peas, tomato purée, apples, etc. Standard Purveyors, Inc. 174,344; May 8.
Canned peeled tomatoes and tomato sauce. P. Pastene & Co. 178,278; June 19.
Canned peeled tomatoes, roasted peppers, and tomato sauce. P. Pastene & Co. 166,095; Jan. 16.
Canned peppers. A. Schrater. 141,134; June 26.
Canned pimientos. A. Burnham. 175,064; June 19.
Canned pineapple. Henry P. Baldwin, Ltd. 166,629; Jan. 16.
Canned pineapple. Henry P. Baldwin, Ltd. 187,283; Dec. 18.
Canned pineapple. Haiku Fruit & Packing Co. 169,241; Feb. 27.
Canned pineapple. Haiku Fruit & Packing Co. 169,242; Mar. 6.
Canned pineapple. Haiku Fruit & Packing Co. 169,243; May 8.
Canned pineapple. Haiku Fruit & Packing Co. 169,244–5; Feb. 27.
Canned pineapple. Hawaiian Pineapple Company. 147,426; May 8.
Canned pineapple. Hawaiian Pineapple Company. 168,109; Apr. 3.
Canned plum pudding. A. Silz, Inc. 171,141; May 22.
Canned pork and beans, rolled oats, canned milk. Akron Grocery Company. 165,114; Jan. 30.
Canned prepared caviar. D. K. Doucleff. 172,266; May 8.
Canned preserved fruits, jams, jellies, and fruit sirups. San Francisco Breweries, Ltd. 167,368; Apr. 24.
Canned ripe olives. J. J. Hoey. 168,364; Apr. 10.
Canned ripe olives and fish. Curtis Corporation. 171,305; Aug. 14.
Canned salmon. A & P Products Corporation. 179,696–7; July 31.
Canned salmon. Alaska Pacific Fisheries. 187,277; Dec. 18.
Canned salmon. Alaska Packers Association. 166,804; Jan. 30.
Canned salmon. Alitak Packing Co. 165,656; Jan. 2.
Canned salmon. Anchorage Packing Co. 179,918; July 31.
Canned salmon. A. A. Anderson. 172,821; Apr. 17.
Canned salmon. A. A. Anderson. 172,822; May 8.
Canned salmon. Bankers Discount Corporation. 180,828; Oct. 16.
Canned salmon. Bankers Discount Association. 180,830; Sept. 25.
Canned salmon. Beegle Packing Co. 181,106; Aug. 21.
Canned salmon. Chinook Packing Co. 172,975; July 3.
Canned salmon. Chinook Packing Company. 170,927; May 15.
Canned salmon. H. Conniff. 170,566; May 1.
Canned salmon. W. D. Frith. 185,516; Dec. 18.
Canned salmon. Hodgson and Company Limited. 180,004–7; Oct. 30.
Canned salmon. Klamath River Packers Assn. 184,864; Dec. 18.
Canned salmon. McGovern & McGovern. 176,904; July 10.
Canned salmon. New England Fish Company. 183,530; Nov. 6.
Canned salmon. New England Fish Company. 183,531; Dec. 18.
Canned salmon. M. Pinkus. 175,735; May 15.
Canned salmon. Sea Coast Packing Co. 168,646; Feb. 20.
Canned salmon. Sea Coast Packing Co. 168,647; Apr. 10.
Canned salmon. Sea Coast Packing Co. 168,648; Dec. 18.
Canned salmon. Stuart Packing Corporation. 182,621; Dec. 18.
Canned salmon. Stuart Packing Corporation. 182,622; Sept. 11.
Canned salmon. Thlinket Packing Company. 113,333; Feb. 6.
Canned sardines. Austin, Nichols & Co. 178,206; Sept. 11.
Canned sardines. Coast Fishing Company. 185,919; Nov. 27.
Canned sardines. I. Epstein. 182,204; Dec. 25.
Canned sardines. Farnsworth Packing Co. 167,609; Feb. 27.
Canned sardines. F. H. Fromm. 159,747; Mar. 27.
Canned sardines. Irwin-Harrisons & Crosfield, Inc. 181,567; Sept. 25.
Canned sardines and tunny fish, mustard, condensed milk, cheese, tea, etc. I. Geltman. 168,362; Mar. 20.
Canned sauerkraut. Bellevue Kraut & Pickling Co. 182,125; Sept. 4.
Canned sauerkraut. Castle Company. 170,273; May 8.
Canned sausage. W. B. Fair. 163,675; Jan. 9.
Canned shrimp. Dorgan-McPhillips Sales Co. 183,258; Sept. 18.
Canned shrimp. C. B. Foster Packing Co. 168,636; Mar. 6.
Canned shrimp. W. A. Genant. 160,409; Sept. 25.
Canned shrimp. Grand Lake & Gulf Shrimp Company. 156,740; Aug. 14.
Canned shrimp. Grand Lake & Gulf Shrimp Company. 182,512–13; Sept. 11.
Canned shrimp. A. Oemler. 180,807; Oct. 16.
Canned shrimp and oysters. Biloxi Packing & Trading Co. 158,175; Jan. 9.
Canned shrimp and oysters. Sea Food Co. 170,040–1; Mar. 13.
Canned, smoked, dried, and salt fish. Charles F. Mattlage & Sons, Inc. 158,785; Aug. 14.
Canned sweet corn. Faribault Canning Co. 182,408; Sept. 11.
Canned sweetened milk. American Milk Products Corporation. 164,019; Feb. 20.
Canned tomato paste. Atlantic Canning Co. 168,628; Mar. 6.
Canned tomato sauce. Joseph Petrocelli & Co. 169,182; Mar. 27.

Canned tomatoes. G. W. Cowles. 180,752; Sept. 25.
Canned tomatoes. W. H. Hamilton. 134,364; Jan. 23.
Canned tomatoes. Tamal Packing Co. 174,599; May 8.
Canned tomatoes. H. Traub's Sons. 174,710; Dec. 18.
Canned tomatoes. Virden Packing Company. 175,633; June 19.
Canned tomatoes and preserved pickles. Keokuk Canning Company. 179,276; Sept. 11.
Canned tomatoes, corn, peas, and beans. Joseph Campbell Company. 172,370; Oct. 23.
Canned tunny fish. Seacoast Canning Company. 173,303; July 3.
Canned tunny fish. Seacoast Canning Co. 185,094; Dec. 4.
Canned vegetables. Baxter Bros. Co. 182,559; Oct. 23.
Canned vegetables. Joseph Campbell Company. 172,369; Dec. 11.
Canned vegetables. Central Wholesale Grocers, Inc. 170,559; Nov. 27.
Canned vegetables. Ephraim Sanitary Canning Company. 166,298; Jan. 16.
Canned vegetables. Ephraim Sanitary Canning Company. 168,674; Aug. 14.
Canned vegetables. Ephraim Sanitary Canning Company. 169,477; Apr. 17.
Canned vegetables. A. W. Feeser. 174,615; July 3.
Canned vegetables. Frederick City Packing Company. 177,372; May 29.
Canned vegetables. Illinois Canning Company. 181,894; Sept. 25.
Canned vegetables. Inderrieden Canning Co. 164,917; Feb. 13.
Canned vegetables. J. B. Margolies Wholesale Grocer Co. 185,029–30; Nov. 6.
Canned vegetables. Minnesota Valley Canning Company. 181,300; Oct. 16.
Canned vegetables. Rochelle Canneries, Inc. 187,347; Dec. 25.
Canned vegetables. Saco Valley Canning Co. 168,128; Feb. 13.
Canned vegetables. San Jose Canning Co. 179,484; Sept. 4.
Canned vegetables. Smith-Yingling Company. 164,779; Jan. 9.
Canned vegetables. Smith-Yingling Company. 164,780; Feb. 27.
Canned vegetables. Smith-Yingling Company. 165,091; Jan. 9.
Canned vegetables. Smith-Yingling Company. 165,607–8; Jan. 2.
Canned vegetables. John R. Thompson Co. 175,031; June 5.
Canned vegetables. Waupun Canning Co. 166,424; May 8.
Canned vegetables. Waupun Canning Co. 168,134; Feb. 20.
Canned vegetables. Winorr Canning Company. 180,917; Aug. 21.
Canned vegetables and fish, molasses, and fruit preserves. Joannes Bros. Co. 172,745; Apr. 17.
Canned vegetables and fruits. Lake Odessa Canning Co. 175,796; May 8.
Canned vegetables and fruits. W. H. Pride & Co. 182,672; Sept. 25.
Canned vegetables and fruits, flavoring extracts, etc. Keystone Company of San Jose. 184,078; Dec. 18.
Canned vegetables and fruits, pancake flour, etc. Portage Wholesale Grocery Company. 186,666; Dec. 25.
Canned vegetables and fruits, preserved fruits, etc. See-Moon & Company. 164,271; Sept. 25.
Canned vegetables and fruits, spices, flour, etc. H. A Marr Grocery Co. 181,299; Nov. 27.
Canned vegetables and sweet mixed pickles. American Pickle & Canning Co. 166,622; Apr. 10.
Canned vegetables and tomato purée, tomato catchup. National Packing Corporation. 180,880; Nov. 13.
Canned vegetables, beans and pork, flavoring extracts, etc. John Sexton and Company. 153,625; Mar. 20.
Canned vegetables, canned milk, catchup, flavoring extracts for foods, and mincemeat. D. S. Williams. 161,077; May 1.
Canned vegetables, cocoa, rice, etc. Cumpson-Doelman, Inc. 179,520; Oct. 16.
Canned vegetables, corn meal, rice, etc. Copps Co. 165,916; Jan. 30.
Canned vegetables, fruits and fish. Adams & Sons Grocer Company. 169,268; Mar. 6.
Canned vegetables, fruits, and fish. Adams & Sons Grocer pany. 166,044; Jan. 16.
Canned vegetables, fruits, and fish, fruit jellies, etc. Mallott, Johnson Co. 185,025–6; Dec. 25.
Canned vegetables, fruits, and fish, spices, etc. Karasik, Holleb & Co. 172,881; May 15.
Canned vegetables, fruits, berries, fish, etc. Amos-James Grocer Co. 176,151; Nov. 6.
Canned vegetables, fruits, etc. National Packing Corporation. 180,878; Oct. 16.
Cantaloupes. Dawson-Edwards Company. 160,876; Apr. 24.
Cantaloupes. J. T. John Company. 167,569; Apr. 24.
Cantaloupes. W. T. Lane, jr. 180,015; Sept. 11.
Cantaloupes and apples, Fresh. G. M. H. Wagner & Sons. 164,791; Feb. 6.
Cantaloupes and lettuce. S. McHarg. 167,409; Oct. 9.
Cantaloupes and pears, Fresh. G. M. H. Wagner & Sons. 164,790; Feb. 6.
Cantaloupes, cassaba, and vegetables, Fresh. Half Moon Fruit & Produce Co. 159,870; Sept. 11.
Cantaloupes, Fresh. A. Arena & Co. 174,763; July 24.
Cantaloupes, Fresh. Earl Fruit Company. 168,403; Mar. 6.
Cantaloupes, Fresh. Miller-Cummings Company. 173,436; July 3.
Cantaloupes, Fresh. T. H. Peppers. 162,949; Apr. 3.
Cantaloupes, Fresh. Sawdey and Hunt. 166,726; Feb. 20.
Cantaloupes, fresh citrous fruits, and grapes. T. H. Peppers. 162,948; May 15.
Cantaloupes, fresh fruits and vegetables. Imperial Distributing Co. 164,916; Sept. 25.
Cantaloupes, honey dews, and casabas, Fresh. J. H. Smith. 179,490; Nov. 6.
Cantaloupes, melons, etc., Fresh. Miller-Cummings Company. 173,435; July 3.
Capers, vinegar, olives, pickles, lard, etc. C. Perceval. 177,049; Sept. 11.
Caramels. Phoebe Phelps Caramel Co. 177,243; July 3
Catchup and canned vegetables. Brighton Canning Company. 180,836; Oct. 16.
Catchup, chili sauce, canned goods, etc. My Own Company. 168,935; July 24.
Catchup, dried prunes, and peaches, jams, etc. Akron Grocery Company. 175,833; Sept. 18.
Catchup, tomatoes, and mayonnaise, Combination of. Poly-naise Company. 178,061; Nov. 13.
Cattle of stock farms, Live. Carnation Stock Farms. 172,795; Mar. 13.
Caviar. S. Rosenberg. 178,361; Aug. 7.
Caviar. S. Rosenberg. 178,362; Oct. 2.
Cereal. Peggy's Health Food Company. 164,829; Jan. 30.
Cereal and in cooked foods, Preparation for use as a breakfast. F. C. Hopper. 180,863; Sept. 25.
Cereal and remedial food, Breakfast. Phospho Food Co. 165,716; Dec. 11.
Cereal, Breakfast. Battle Creek Food Co. 168,510; Mar. 20.
Cereal, Breakfast. G. W. Farny. 166,739; Jan. 9.
Cereal, Breakfast. W. B. Fink. 169,968; Feb. 27.
Cereal, Breakfast. H. F. Paetsch. 167,486; Mar. 20.
Cereal, Breakfast. Phospho Food Co. 164,950; Jan. 2.
Cereal, Breakfast. Phospho Food Co. 165,717; Jan. 30.
Cereal, Breakfast. Vitomen Cereal Company. 182,025; Dec. 25.
Cereal, Breakfast. Ward Baking Company. 183,509; Dec. 18.
Cereal, Rye breakfast. M. C. Ely. 166,357; Mar. 20.
Cereal, Wheat. Sims Milling Company. 179,229; Sept. 18.
Cereals. Kevil Cereal Company. 169,550; Feb. 27.
Cereals, Breakfast. Battle Creek Food Company. 172,575–6; May 8.
Cereals, Breakfast. Colton Brothers Company. 175,386; Aug. 7.
Cereals, Breakfast. F. C. Gillitt. 158,309; Mar. 20.
Cereals, Breakfast. Walton Milling Company. 142,369; Sept. 25.
Cereals, Prepared and semiprepared breakfast. Aunt Jemima Mills Company. 164,624; Jan. 30.
Cheese. A. H. Barber & Co. 182,040; Oct. 2.
Cheese. A. H. Barber & Co. 182,042; Oct. 2.
Cheese. F. X. Baumert & Co. 166,928–9; Jan. 9.
Cheese. F. X. Baumert & Co. 169,746; Feb. 27.
Cheese. Beatrice Creamery Company. 172,793; Apr. 10.
Cheese. Crawford Farms, Incorporated. 168,025; Apr. 3.
Cheese. Crawford Farms, Incorporated. 168,026; Mar. 27.
Cheese. N. Dorman. 165,126; Jan. 30.
Cheese. Empire Cheese Company. 157,092; Dec. 11.
Cheese. F. M. Frederiksen. 176,735; Sept. 4.
Cheese. Frink Creamery Company. 186,361; Dec. 25.
Cheese. Gerber & Co. 158,388; Jan. 30.
Cheese. Gerber & Co. 158,389; Dec. 4.
Cheese. Gerber & Co. A. G. 182,580; Nov. 6.
Cheese. Holland Food Corporation. 167,617; Mar. 20.
Cheese. A. Huss. 163,873; Mar. 20.
Cheese. J. Kirkpatrick. 172,599; May 1.
Cheese. J. Kirkpatrick. 172,600; Nov. 6.
Cheese. J. W. Klensch & Co. 159,709; Dec. 11.
Cheese. T. L. Knapstein. 170,071; Mar. 27.
Cheese. J. L. Kraft & Bros. Co. 160,814; Jan. 30.
Cheese. J. L. Kraft & Bros. Co. 177,678; Nov. 20.
Cheese. Macleay Estate Co. 168,772; Mar. 20.
Cheese. Carl Marty and Company. 162,432; Jan. 30.
Cheese. Carl Marty & Company. 181,904; Oct. 2.
Cheese. Meuerhofer Söhne & Co. 173,936; June 5.
Cheese. Pabst Farms. 181,495; Dec. 11.
Cheese. C. Perceval. 178,865; Nov. 20.
Cheese. Phenix Cheese Co. 172,392; July 24.
Cheese. Roethlisberger & Co. 164,198; Jan. 30.
Cheese. M. O. Schaefer. 174,866; July 24.
Cheese. C. A. Straubel Co. 157,857; Apr. 3.
Cheese. Swift and Company. 172,188; Mar. 20.
Cheese. C. E. Zuercher & Co. 174,052; May 15.
Cheese and butter. Chandler and Rudd Company. 146,524; Nov. 13.
Cheese and mincemeat. C. Perceval. 169,820; Feb. 27.

Classified list of trade-mark titles—Continued.

Cheese and preserved cheese. Alpina Cheese Co. 157,127; Jan. 30.
Cheese, Cream. Breakstone Bros., Inc. 180,958; Oct. 30.
Cheese, Cream. A. Britton. 168,097; Apr. 3.
Cheese for macaroni. W. A. Navigato. 168,849; Jan. 16.
Cheese, French, etc., dressings. J. A. Caminati. 179,259; Oct. 30.
Cheese, Grated. D. Colonna & Son. 166,876; Jan. 9.
Cheese, milk, and cream. Lily Brook Farms, Inc. 175,800; Aug. 7.
Cheese, mustard, farina, tea, coffee, chocolate, etc. I. Geltman. 169,751; Apr. 3.
Cheese, Swiss. Alpina Cheese Co. 170,110; Mar. 20.
Cheese, Swiss. Alpina Cheese Co. 170,111–12; May 8.
Cheese, Swiss. Alpina Cheese Co. 170,113; Mar. 20.
Cheese, Swiss. Alpina Cheese Co. 170,114; May 8.
Cheeses. C. Perceval. 169,821; Feb. 27.
Cherries, Fresh. T. D. Bryan. 163,734; Feb. 20.
Cherries, Fresh. San Joaquin County Cherry Growers Assn. 177,875; June 12.
Chewing gum. L. P. Larson, Jr., Company. 168,769; Mar. 27.
Chick mash. American Milling Company. 172,926; June 5.
Chickens, Live. Loup Valley Hatchery. 170,146; May 1.
Chicks and eggs, Baby. Star Chick Hatchery. 176,508; Dec. 11.
Chicks, Live. Kerr Chickeries Incorporated. 164,763; Feb. 27.
Chicks, Live. Henry Little & Sons. 167,086; Sept. 11.
Chili pepper and chili powder. California Aroma Co. 165,527; Aug. 14.
Chili sauce, salad dressings, cider, and white vinegar, etc. Cruikshank Brothers Company. 172,665; Jan. 9.
Chocolate. G. M. Cabrera. 168,511; Apr. 17.
Chocolate. Eline's Incorporated. 186,319; Dec. 18.
Chocolate. Ideal Cocoa & Chocolate Co. 174,783; May 29.
Chocolate. Ideal Cocoa & Chocolate Co. 176,129; May 22.
Chocolate. Lamont-Corliss and Company. 166,307; May 15.
Chocolate. Suchard, S. A. 184,569–70; Nov. 27.
Chocolate and candies. H. R. Hoefler. 170,066; Aug. 14.
Chocolate and cocoa, Milk. Lamont-Corliss and Company. 167,255; Mar. 20.
Chocolate and cocoa, Milk. Lamont-Corliss and Company. 167,257; Mar. 20.
Chocolate bars. Loose-Wiles Biscuit Company. 161,492; Feb. 20.
Chocolate bars. Wheatcrisp Products Company. 133,564; Mar. 6.
Chocolate coating. Ideal Cocoa & Chocolate Co. 174,740; May 8.
Chocolate coating. Ideal Cocoa & Chocolate Co. 174,741; May 29.
Chocolate coating. Ideal Cocoa & Chocolate Co. 174,780; May 8.
Chocolate coating. Ideal Cocoa & Chocolate Co. 174,781–2; May 29.
Chocolate coating. Lamont-Corliss and Company. 167,254; Mar. 20.
Chocolate coating. Washington Chocolate Co. 186,171; Nov. 27.
Chocolate coating for candy, Milk-. Peter Cailler Kohler Swiss Chocolates Co. 160,868; Mar. 13.
Chocolate, cocoas, bonbons, crackers, etc. W. B. Fair. 154,080; Jan. 30.
Chocolate, Cream malted. Edgar P. Harrison & Son. 182,147; Nov. 20.
Chocolate creams. Fitger Company. 171,166; Dec. 11.
Chocolate fruit and nut roll, Milk-. Metro Chocolate Co. 179,050; Sept. 25.
Chocolate fruit bar. Gruenhagen's. 168,766; Apr. 3.
Chocolate malted concentrate. Sethness Company. 174,265; July 3.
Chocolate, marshmallow whip, flash chocolate, jiffy milk, cocoa, etc., Instantaneous. Stephen F. Whitman & Son. 174,419; Aug. 21.
Chocolate mixture. Hershey Chocolate Company. 166,453; Feb. 20.
Chocolate nut bars, Sweet-. Massachusetts Chocolate Company. 167,479; Feb. 6.
Chocolate, nuts, and caramel, Milk. Metro Chocolate Co. 178,762; Nov. 20.
Chocolate, Prepared. Ever Ready Chocolate Co. 179,997; Aug. 14.
Chocolate pudding, powdered cocoa and chocolate and cocoa. Royal Cocoa Co. 136,388; Nov. 27.
Chocolates. Bunte Brothers. 160,385; Sept. 25.
Chocolates. Busy Bee Candy Company. 182,233; Nov. 6.
Chocolates. Great Atlantic and Pacific Tea Company. 173,417; Apr. 24.
Chocolates. Hershey Chocolate Company. 186,185; Nov. 27.
Chocolates. Kibbe Brothers Company. 167,723–4; Mar. 6.
Chocolates. London Chocolate Company. 138,861; May 22.
Chocolates. Stephen F. Whitman & Son, Inc. 165,322; Jan. 2.
Chocolates. Wisconsin Candy Co. 155,550; Feb. 27.
Chocolates and candies. Paul Gelpi & Sons, Inc. 170,135; Mar. 13.
Chocolates and candies. E. Greenfield's Sons. 170,377; Apr. 3.
Chocolates and candies. E. Greenfield's Sons. 170,378; Mar. 13.
Chocolates and candies. E. Greenfield's Sons. 170,380–1; Apr. 24.
Chocolates and candies. E. Greenfield's Sons. 170,383–4; Apr. 10.
Chocolates and candies. E. Greenfield's Sons. 170,385; May 15.
Chocolates and candies. E. Greenfield's Sons. 170,386; Mar. 13.
Chocolates and candies. H. R. Hoefler. 170,107; Aug. 14.
Chocolates and candies. Wallace & Co. 163,489; Jan. 9.
Chocolates and candies. Wilkes-Barre Choc. Co. 142,863; Feb. 27.
Chocolates and candy. E. Greenfield's Sons. 179,790; Sept. 4.
Chocolates and chocolate-coated candies. Donahoe's Inc. 161,035; Jan. 2.
Chocolates and nut candy. Royal Candy Company. 153,951; Apr. 17.
Chocolates, cocoa, chocolate, and candies. J. G. McDonald Chocolate Co. 163,589; Feb. 6.
Chocolates, cocoa, chocolate, and candies. J. G. McDonald Chocolate Co. 163,591; Feb. 6.
Chocolates wrapped in colored metal foil. J. G. Smith. 141,193; May 8.
Chop-suey sauce. L. C. Chan & Company. 168,753; Sept. 4.
Chowchow pickle, mixed pickle, sour onions, etc. Silver Lane Pickle Company. 179,562; Sept. 11.
Chowder. C. W. McMorran. 176,491; Sept. 11.
Cocoa. Naamlooze Vennootschap Hollandsche Cacao- en Chocoladefabriken Voorheen Bensdorp & Co. 164,767; Jan. 16.
Cocoa. Schweitzer "Cocoatina" Co. 168,622; Oct. 23.
Cocoa and chocolate. Hooton Cocoa Company. 182,587; Sept. 11.
Cocoa and chocolate. Charles H. Phillips Chemical Co. 178,464–5; Sept. 11.
Cocoa beans and butter, coffees, spices, etc. Daarnhouwer & Co. 165,487; Sept. 25.
Cocoa pudding and cornstarch. Manhattan Baking Powder Co. 174,316; June 5.
Cocoa, tea, and rice. Old Dutch Mills, Inc. 170,594; Mar. 13.
Cocoas, chocolates. A. & W. Lindt. 178,394–8; Nov. 27.
Coconut fats for food purposes. S. Langner. 182,349; Nov. 6.
Coconut macaroon strip. Standard Baking Company. 165,420; Jan. 30.
Coconut-oil products, Edible. I. M. Simonin. 163,009; Jan. 30.
Codfish, Boneless salt. Deep Sea Fisheries, Inc. 172,085; Apr. 10.
Codfish, Deep-sea. Everett Lawrence Company. 162,304; Mar. 6.
Codfish, Salt. Gorton-Pew Fisheries Company. 177,910; July 24.
Coffee. Abraham & Straus, Inc. 182,281; Sept. 25.
Coffee. Abraham & Straus, Inc. 182,282; Sept. 11.
Coffee. F. S. Ainsa Company. 156,672; Sept. 11.
Coffee. Alouf Bros. 166,217; Jan. 16.
Coffee. American Tea & Coffee Co. 185,170; Dec. 18.
Coffee. Arbuckle Brothers. 166,162; Mar. 27.
Coffee. Arbuckle Brothers. 177,348; May 29.
Coffee. Asmus Bros. 180,733; Oct. 30.
Coffee. Bel-Jar Coffee Co. 163,915; Feb. 27.
Coffee. Betterton-Rupert Coffee Co. 179,771; Oct. 23.
Coffee. Betterton-Rupert Coffee Co. 183,903; Dec. 11.
Coffee. Wm. Boardman & Sons Company. 159,196; Jan. 2.
Coffee. George C. Buell & Co. 178,817; Sept. 11.
Coffee. George C. Buell & Co. 178,819; July 17.
Coffee. Burton Coffee Company. 181,554; Sept. 25.
Coffee. Cauchois Coffee Company. 181,011; Sept. 25.
Coffee. Coffee Products Corporation. 187,453; Dec. 18.
Coffee. F. Cotera. 168,208; July 3.
Coffee. F. Danna. 172,146; May 8.
Coffee. Dern Food Company. 179,857; July 31.
Coffee. Dwinell-Wright Company. 154,793; May 1.
Coffee. J. S. Elliott Coffee Company. 159,746; May 8.
Coffee. A. Engelhard & Sons Co. 169,289; Feb. 27.
Coffee. Estate of J. M. Fey. 183,472; Dec. 4.
Coffee. G. B. Farrington Co. 170,479; Mar. 13.
Coffee. B. Fischer & Co. 185,821; Dec. 25.
Coffee. Fishback Co. 165,920; Jan. 16.
Coffee. Fishback Co. 166,671; Dec. 4.
Coffee. Fitch Company. 174,565; Sept. 4.
Coffee. J. F. Goodson & Company. 170,582; May 8.
Coffee. J. F. Goodson & Company. 172,330; May 22.
Coffee. G. Gund. 172,529; Apr. 17.
Coffee. Haas, Baruch & Co. 176,623; Aug. 14.
Coffee. Haas Lieber Grocery Co. 175,863; June 26.
Coffee. B. V. Jean. 176,026; Aug. 14.
Coffee. H. Jevne Co. 162,744; Aug. 7.
Coffee. J. Johnston. 168,315; Feb. 20.
Coffee. M. R. Johnston. 178,256; June 12.
Coffee. Kellum Company. 184,135; Nov. 13.
Coffee. Kellum Company. 184,136; Oct. 9.
Coffee. C. D. Kenny Company. 167,944; May 8.
Coffee. C. D. Kenny Company. 178,257; July 24.
Coffee. Klauber Wangenheim Co. 176,896; May 29.

Coffee. Laird Manufacturing Co. Inc. 171,581; May 8.
Coffee. W. B. Law. 167,357; Dec. 4.
Coffee. Lewis, Hubbard and Company. 185,712; Nov. 20.
Coffee. Louisville Coffee Company. 166,080; Apr. 17.
Coffee. Mecke & Co. 183,528–9; Dec. 4.
Coffee. Nash Coffee Company. 167,188; Jan. 23.
Coffee. Nash Coffee Company. 168,483; Sept. 11.
Coffee. Newmark Bros. 158,137; Mar. 6.
Coffee. Northwestern Distributing Co. 178,456; Oct. 9.
Coffee. Ohio Valley Coffee Co. 178,270; Aug. 14.
Coffee. Ohio Valley Coffee Co. 180,770; Dec. 25.
Coffee. Palmetto Coffee Co. 171,381. Mar. 27.
Coffee. Plunkett-Jarrell Grocer Co. 180,888; Sept. 25.
Coffee. Purity Creamery Company. 161,273; Aug. 28.
Coffee. T. T. Reboul. 163,698; Jan. 9.
Coffee. Wm. T. Reynolds & Co. 178,287; Sept. 25.
Coffee. Ridenour-Baker Grocery Company. 176,218; Aug. 14.
Coffee. Rockford Wholesale Grocery Co. 169,563; Apr. 17.
Coffee. Thos. Roulston, Inc. 171,039; June 5.
Coffee. Sanitary Grocery Co. 168,942; Feb. 27.
Coffee. Santander Coffee Co. 162,317; Feb. 6.
Coffee. H. A. Schnittker. 181,618–19; Nov. 13.
Coffee. H. A. Schnittker. 181,621; Nov. 13.
Coffee. Sehon, Stevenson & Company. 171,595; Apr. 10.
Coffee. Sherman Coffee Company. 178,475; Aug. 21.
Coffee. F. S. Smith. 153,480; May 22.
Coffee. Sunbury Wholesale Grocery Company. 186,090; Nov. 27.
Coffee. M. E. Swing Company. 167,104; Feb. 6.
Coffee. Telfer Coffee Co. 165,730; Feb. 20.
Coffee. Vaughn Grocery Company. 174,948; July 3.
Coffee. H. M. Wagner. 173,614; July 3.
Coffee. Waples Platter Grocer Co. 179,500; Aug. 14.
Coffee. Watchung Springs Company. 166,796; Jan. 16.
Coffee. Thomas J. Webb Company. 178,786; Sept. 11.
Coffee. Thomas J. Webb Company. 178,787; Sept. 4.
Coffee. Thomas J. Webb Company. 178,789; Sept. 4.
Coffee. Thomas J. Webb Company. 179,075; Sept. 11.
Coffee. Weideman Company. 173,309; July 24.
Coffee. Wilson Tea Co. 177,885; July 24.
Coffee. W. T. Woolfolk. 147,856; Aug. 14.
Coffee. C. R. Yates. 173,458; Sept. 4.
Coffee. J. Zinsmeister & Sons, Inc. 179,577; July 31.
Coffee and tea. Berdan Company. 167,862; Aug. 14.
Coffee and tea. Berdan Company. 167,863; Nov. 27.
Coffee and tea. Berdan Company. 167,864; Mar. 6.
Coffee and tea. J. H. Braun & Co. 177,267; Aug. 21.
Coffee and tea. Eagle Tea & Coffee Company. 176,672; May 22.
Coffee and tea. Leon Israel & Bros. 125,112; Sept. 11.
Coffee and tea. C. H. Kroneberger & Co. 165,085; Mar. 20.
Coffee and tea. Requa Bros. 170,834; May 15.
Coffee, canned fruits, vegetables, and fish, table molasses. Potter-McCune Company. 167,687; Apr. 3.
Coffee, canned vegetables, fruits, and fish, and evaporated milk. Amos-James Grocer Co. 169,997; Mar. 13.
Coffee, olive oil, and sugar. Akron Grocery Co. 180,260; Nov. 13.
Coffee, Package and canned. Burton Coffee Company. 181,556; Sept. 25.
Coffee, Processed. Wilder & Jacobs. 175,045; June 19.
Coffee, rolled oats, cocoa, etc. Church-Vance Grocery Co. 173,033; Sept. 18.
Coffee, spices, olive oil, etc. James Van Dyk Co. 168,565; Sept. 25.
Coffee, spices, peanut butter, salad oil, etc. H. R. Linder. 182,157; Dec. 4.
Coffee substitute. Kafex, Incorporated. 153,352; Sept. 4.
Coffee substitute. James Van Dyk Co. 180,457; Sept. 25.
Coffee, tea, and other substitutes. H. A. Schnittker. 176,858; Sept. 18.
Coffee, tea, bread, pastry flour, marshmallow creme, and salad dressing. Huey & Mathews, Inc. 170,019; June 5.
Coffee, tea, chocolate, molasses, etc. Milliken, Tomlinson Co. 169,314; Dec. 18.
Coffee, tea, cocoa, etc. H. Jevne Co. 162,746; Sept. 18.
Coffee, tea, cocoa, spices, etc. Defiance Grocery Company. 177,367; Aug. 21.
Coffee, tea, food extracts, spices, canned fruits, etc. John Blaul's Sons Company. 173,028; Apr. 17.
Coffee, tea, spices, flavoring extracts. Olson Coffee Co. 168,546; Apr. 17.
Coffees and teas. V. C. Lindstrom. 158,050; Feb. 6.
Coffees, candies, chocolates, and chocolate-covered confections. R. J. George. 163,796; May 8.
Coffees, teas, and spices. L. M. Goldman. 153,600; Apr. 3.
Coffees, teas, canned fruits, vegetables, and fish, rice, etc. A. Engelhard & Sons Company. 130,663; Jan. 30.
Coff-O-Malt, a beverage. L. A. McCoy. 161,497; Feb. 20
Compound used in preparation of jellies, desserts, etc. Genesee Pure Food Company. 178,998; Aug. 21.
Cone cake. American Cone & Pretzel Company. 162,659; Jan. 2.
Cones, Cake. Acme Cone Co. 175,177; Aug. 28.
Cones, Sugar. Sugar Cone Manufacturing Corp. 167,538; June 19.
Confection. Allingham Candy Manufacturing Company. 158,912; Oct. 2.
Confection. Battle Creek Food Company. 181,239; Nov. 20.
Confection. H. Lehoczky. 172,481; May 8.
Confection. S. N. Sperber. 159,533; Sept. 4.
Confection. J. Sperekas. 160,514; Nov. 13.
Confection. E. C. Webber. 180,035; Oct. 16.
Confection composed of a chocolate-coated ice cream. M. R. Galvin. 168,215; Feb. 6.
Confection, Dried-fig-meat. California Peach & Fig Growers. 159,008; Jan. 9.
Confection for coating or covering for candy, biscuits, cakes, pastry, etc. White-Stokes Company. 161,812; Jan. 30.
Confection, Frozen. C. B. Bemis. 178,891; Aug. 28.
Confection, Mint. L. P. Larson, Jr., Company. 168,770; Mar. 27.
Confection, Pop-corn. Barnards. 175,121; Nov. 27.
Confection, Pop-corn. Sweet Candy Co. 165,315; Jan. 2.
Confection, Popped corn and nut. Louisville Coffee Company. 168,977; Mar. 13.
Confectionery. Barg & Foster Candy Company. 183,814–16; Dec. 25.
Confectionery. DeKlyn Candy Company. 156,520; June 5.
Confectionery. Peek, Frean and Company. 168,937; Dec. 4.
Confectionery. Spongette Pure Food Company. 178,478; Dec. 18.
Confectionery in the form of frozen dainties. F. C. Colucci. 166,290; Mar. 20.
Confections. A. H. Bechtol. 170,617; May 8.
Confections. M. Chikouris. 161,169; Jan. 9.
Confections. J. Ravizza. 183,852; Nov. 27.
Confections, Baked. E. D. Brown. 162,473; Jan. 30.
Confections, Coated frozen. H. P. Hood & Sons. 159,360; Apr. 17.
Confections comprising chocolates, bonbons, etc. Roach Tisdale & Co. 173,534; Apr. 24.
Confections dispensed in cones. Van Sant, Hiatt, and McCutcheon. 133,563; Jan. 2.
Confections, etc., Frozen. Delico Products Company. 163,673; Nov. 27.
Confections, Frozen. Butler-Blanchard Co. 168,706; Apr. 17.
Confections, Frozen. Elite Confectionery Co. 166,663; Jan. 23.
Confections, Frozen. Elite Confectionery Co. 166,664; Jan. 16.
Confections, Frozen. F. W. Epperson. 180,330; Dec. 11.
Confections, Honey and nut. A. De Vito. 167,867; May 1.
Confections, ice cream, and ices, Frozen. Tawney Ice Cream Company. 159,436; Jan. 30.
Cooked and canned food products. College Inn Food Products Co. 170,865; Aug. 14.
Cookies. Bishop & Company. 174,955–6; July 31.
Cookies. Bishop & Company. 182,465; Oct. 2.
Cookies. Iten Biscuit Co. 171,923; May 1.
Cookies. J. S. Ivins' Son, Inc. 186,132; Dec. 25.
Cookies. Keebler Weyl Baking Company. 171,851; Mar. 20.
Cookies. Mama Cookie Bakery. 181,758; Sept. 25.
Cookies and confectionery. T. A. Huston & Co. 171,696; May 8.
Cookies and macaroons. Mother's Favorite Cookie Company. 159,322; Jan. 30.
Cookies and small cakes. National Biscuit Company. 182,435; Oct. 2.
Cookies, cakes, and crackers. J. S. Ivins' Son, Inc. 181,749; Oct. 2.
Cookies, cakes, and crackers. J. S. Ivins' Son, Inc. 181,750; Nov. 13.
Cookies, cakes, crackers, and candies. Jacksonville Cracker Works. 181,751; Oct. 16.
Cookies, crackers, cakes, and biscuits. Johnson Educator Food Company. 141,577; Sept. 25.
Cookies, crackers, cakes, and biscuits. Johnson Educator Food Company. 141,580; Sept. 25.
Cookies, crackers, cakes, and biscuits. Johnson Educator Food Company. 141,583; Sept. 25.
Cookies, crackers, cakes, and biscuits. Johnson Educator Food Company. 141,586–7; Sept. 25.
Cookies, Fancy. Pacific Coast Biscuit Company. 174,854; June 5.
Corn flakes. Favorite Cereals Company. 170,058; Feb. 27.
Corn flakes. Postum Cereal Company. 163,763; Feb. 13.
Corn meal. C. D. Calverley. 174,064; June 5.
Corn meal, cereal scratch and chick feed, etc. for poultry. C. O. Sandefur. 180,297; Nov. 6.
Corn meal, mill feeds, etc. B. L. Robertson. 152,864; Mar. 27.
Corn meal, pearl barley, hominy grits, etc. Quaker Oats Company. 181,646; Nov. 13.
Corn oil for food purposes. Aspegren & Co. 165,436; Jan. 30.
Corn-sirup apple jelly. D. B. Scully Syrup Company; 155,775; Mar. 6.
Crab meat. Taiyo Trading Company. 171,236; May 15.
Cracker products and Dutch-style cookies. W. R. Montague Company. 171,098; May 1.
Cracker products, crackers, cakes, and Dutch-style cookies, W. R. Montague Company. 170,076; Apr. 3.
Crackers. E. J. Adler. 156,345; Mar. 27.

Crackers. Fred W. Albrecht Grocery Company. 163,662–3; Jan. 30.
Crackers. Standard Biscuit Company. 165,894; Jan. 30.
Crackers and biscuit. F. L. Jones Co. 117,980; Sept. 25.
Crackers and cakes. Green & Green Company. 158,772; May 15.
Crackers, Soda. Tacoma Biscuit & Candy Company. 172,913; Apr. 10.
Cranberries. Fresh. Grayland Cranberry Growers. 171,316; Sept. 25.
Cream, condensed cream, and cheese, Export. E. Smidt. 165,464; Jan. 30.
Cream, condensed milk, and cheese, Export. E. Smidt. 169,458; Aug. 7.
Cucumbers, Preserved. Peerless Food Products Co. 176,362; May 22.
Cups capable of retaining liquids, Edible. Kracker-Kup Company. 163,882; Mar. 6.
Custards, cakes, egg substitutes, etc. C. H. Murray. 179,310; Oct. 30.
Dairy and food products. James Van Dyk Co. 172,623; Sept. 25.
Dairy products. Cowiche Creamery. 173,565; July 31.
Dairy products. F. A. Hoffman Co. 163,798; Mar. 27.
Dairy products. Puritas Farms, Inc. 151,098; Aug. 21.
Dairy products. United Fruit Company. 163,242; Aug. 21.
Dairy products. United Fruit Company. 163,243; Nov. 20.
Dairy products. United Fruit Company. 163,245; Aug. 21.
Dates. Th. Giocalas & V. Coyimzoglu. 174,435–7; May 29.
Dates. Th. Giocalas & V. Coyimzoglu. 174,438; July 3.
Dates. Th. Giocalas & V. Coyimzoglu. 174,439; May 29.
Dates. B. K. Marvin. 170,688; May 8.
Dates. Alexandre Rannou & Cie. 174,874; Oct. 16.
Dates. Tropical Date Company. 185,681; Nov. 13.
Dates, Fresh. Deglet Noor Date Growers Association. 165,125; Jan. 2.
Dates, salted nuts, and preserved figs. Royal Seal Food Products Co. 170,789; May 8.
Dessert, Gelatin. Wabash Baking Powder Co. 182,631; Nov. 13.
Dessert pudding powders. R. & W. Products Co. 162,267; Oct. 16.
Doughnut, Chocolate-coated. Miller-Caldan Company. 171,228; May 1.
Doughnut mixture, Prepared. W & L Baking Company. 167,960; Mar. 20.
Doughnuts filled with jelly. F. L. Balbo. 146,063; Sept. 25.
Dressing, olive oil, cheese, etc., French. M. Locci. 178,265; Aug. 21.
Drink, Malted chocolate milk. Weber Milk Company. 165,320; Apr. 17.
Edible container with ice cream or an analogous filler. E. J. H. Westphal. 171,676; May 8.
Edible preparation. Whip-Lite Products Co. 160,840; May 8.
Egg mash. American Milling Company. 172,925; June 5.
Egg mash, scratch feed, etc. Missouri Farmers' Association. 174,911; Nov. 20.
Egg-substitute, custard, and lemonade powders. George Harker and Company. 138,051; Mar. 27.
Eggs. E. Beck. 178,808; Dec. 11.
Eggs. M. E. Fowler. 168,963; Sept. 11.
Eggs. L. A. Grouten. 179,865; Dec. 25.
Eggs. Gude Brothers, Kieffer Company. 174,440; July 10.
Eggs. Gude Brothers, Kieffer Company. 174,443–4; July 10.
Eggs. C. W. Jean Company. 112,202; May 8.
Eggs. Kerr Chickeries Incorporated. 178,851; Oct. 30.
Eggs. John V. Kisker & Co. 178,258; Aug. 21.
Eggs. M. Packman. 182,002; Nov. 6.
Eggs. P. W. Sahrbeck. 176,694; Sept. 4.
Eggs. Spangenberg & Co. 168,494; July 31.
Eggs. White Arrow Farms. 161,398; Mar. 27.
Eggs and butter. Willner & Maiman. 173,220; May 1.
Eggs and live poultry. E. R. Wells. 163,607; Mar. 20.
Eggs and poultry. O. A. Vent. 161,464; Jan. 30.
Eggs, butter, poultry, pecans. Peter Company. 172,434; May 8.
Eggs, Fresh. New Hampshire Co-Operative Marketing Association, Inc. 153,101; July 24.
Eggs, Powder for making scrambled. National Egg Products Company. 166,897; Jan. 16.
Eggs, young chicks, poultry, etc. Queensbury Farms. 159,615; Feb. 6.
Extracts and essence of peppermint flavor, Lemon and vanilla. Foley & Company. 176,262; May 22.
Extracts and flavorings for food purposes. Davies, Rose & Co. 168,456; Mar. 6.
Extracts and flavorings for food purposes. Davies, Rose & Co. 168,517; July 24.
Extracts, Flavoring. C. C. Foster. 168,027; Mar. 20.
Extracts of grains used as a milk modifier, Powdered. Horlick's Malted Milk Company. 182,417; Nov. 6.
Fats and cottonseed oils, Hard. American Cotton Oil Company. 178,425; Sept. 11.
Fats and cottonseed oils, Hard. American Cotton Oil Company. 178,425; Nov. 13.
Feed and meal, Hog. United Chemical and Organic Products Co. 182,191; Oct. 2.
Feed and rations, Dairy. Kasco Mills, Inc. 158,872; June 5.
Feed and wheat flour, Stock, dairy, poultry, etc. Whyte Commission Company. 169,107; Mar. 27.
Feed, Calf meal, egg mash, etc., Poultry, scratch, chicken, hog, dairy, and horse. Thomas-Boyce Direct Feed Company. 165,895; May 1.
Feed, Cattle. Eastern States Farmers' Exchange. 182,142; Oct. 2.
Feed, Cattle and poultry. Pease & Dwyer Co. 156,058; Nov. 13.
Feed, Cattle, etc. A. T. Peters. 161,200; July 31.
Feed, Chick tonic. V. C. Getz. 177,293; Sept. 18.
Feed, Chicken. Ryde & Company. 174,489; July 24.
Feed, Cow, horse, mule, and hen. P. W. Owen. 180,489; Oct. 23.
Feed, Dairy. Albert Dickinson Company. 175,074; June 5.
Feed, Dairy. American Milling Company. 163,848; Apr. 3.
Feed, Dairy. Ralston Purina Company. 168,787; Jan. 16.
Feed, Dairy and cattle. Larrowe Milling Company. 159,587–9; Apr. 3.
Feed, Dairy and horse. Tri-State Vegi Feed Co. 182,451; Nov. 13.
Feed, Digester tankage used for stock. Indianapolis Abattoir Company. 162,013; Jan. 30.
Feed, egg mash, and chicken and cattle fattener, Horse, hen, etc. Grain Belt Mills Company. 172,154; May 1.
Feed for animals, Prepared. Arcady Farms Milling Company. 160,847; Mar. 27.
Feed for horses, cattle, hogs, and chickens. Mountain City Mill Company. 160,419; Mar. 27.
Feed for live stock. Sweetwater Cotton Oil Co. 181,502; Nov. 6.
Feed for poultry and hogs. C. O. Sandefur. 180,301; Oct. 30.
Feed for poultry, Scratch. Lawrenceburg Roller Mills Co. 174,314; June 5.
Feed, Horse, Quaker Oats Company. 174,103–4; June 5.
Feed, Horse and mule. Josey-Miller Company. 176,680; Aug. 28.
Feed, Horse and mule. Louisville Cereal Mill Co. 181,291; Nov. 20.
Feed, Horse and mule. Nowak Milling Corporation. 170,780; Mar. 13.
Feed, Horse and mule. Sturges Company. 168,079; May 1.
Feed, Mixed grade of mill. Midland Flour Milling Co. 169,369; Feb. 27.
Feed, Mixed horse and mule. Golden Grain Milling Company. 159,462; Jan. 30.
Feed, Mixed stock. Quaker Oats Company. 174,101; June 5.
Feed, Oats for use as stock. E. E. Anderson. 175,836; Dec. 11.
Feed, Oxen. Sturges Company. 168,076; Feb. 6.
Feed, Poultry. Ansted & Burk Co. 171,783; May 8.
Feed, Poultry. Arcady Farms Milling Company. 172,574; Mar. 20.
Feed, Poultry. Black Bros. Flour Mills. 172,792; June 5.
Feed, Poultry. Albert Dickinson Company. 175,073; June 5.
Feed, Poultry. Quaker Oats Company. 174,106; May 15.
Feed, Poultry. Quaker Oats Company. 174,921; June 5.
Feed, Poultry. Quaker Oats Company. 174,922; Aug. 21.
Feed, Poultry. Quisenberry Feed Mfg. Co. 158,145; Jan. 2.
Feed, Poultry. Quisenberry Feed Mf'g. Co. 164,265; Apr. 3.
Feed, Poultry. Quisenberry Feed Mf'g. Co. 164,773–4; Apr. 3.
Feed, Poultry. Ralston Purina Company. 173,722; May 8.
Feed, Poultry. Tioga Mill & Elevator Co. 173,687; May 8.
Feed, Poultry. Western Canada Flour Mills Company. 179,839; Dec. 11.
Feed, Poultry. Wonderlay Milling Company. 177,343; Sept. 25.
Feed, Poultry and stock. Nickel Plate Elevator Company. 181,086; Sept. 25.
Feed, Prepared stock. Arcady Farms Milling Company. 178,205; Aug. 21.
Feed, Scratch. Universal Mills. 184,008; Dec. 25.
Feed, Scratch, dairy, hog, horse, and mule. J. W. Wilson. 163,301; Mar. 27.
Feed, shorts, and corn meal, Wheat. Cape County Milling Co. 179,182; Sept. 18.
Feed, Stock. Alfocorn Milling Company. 177,811; Aug. 21.
Feed, Stock. J. Allen Smith & Company. 169,089; Mar. 27.
Feed, Stock. Arkadelphia Milling Company. 183,641; Dec. 18.
Feed, Stock. Arkadelphia Milling Co. 185,355; Dec. 25.
Feed, Stock. I. S. Joseph Company. 179,151; Sept. 11.
Feed, Stock. Quaker Oats Company. 174,105; June 5.
Feed, Stock. Ryde & Company. 174,490; July 24.

Feed, Stock. Ubiko Milling Company. 165,900 · Aug. 21.
Feed, Stock. Whyte Commission Company. 169,108; Mar. 27.
Feed, Stock and chicken. International Milling Company. 176,408; Oct. 30.
Feed, Stock and poultry. Case-Teel Company. 174,509; July 31.
Feed, Stock and poultry. Miller-McConnel Grain Co. 166,465; Mar. 20.
Feed, Stock and poultry. Omaha Alfalfa Milling Company. 168,429; Mar. 20.
Feed, Stock and poultry. M. C. Peters Mill Co. 149,929; Jan. 30.
Feed, Stock and poultry. United Alfalfa Co. 162,783–4; June 5.
Feed, Stock, dairy, and poultry. Whyte Commission Company. 169,109–10; Mar. 20.
Feeds. J. M. Wilson. 175,536; June 19.
Feeds. J. M. Wilson. 178,649; Sept. 11.
Feeds and mash, Poultry. American Hominy Company. 178,489; Sept. 18.
Feeds and mashes, Stock and poultry. Universal Mills. 180,089–90; Nov. 20.
Feeds, Animal. Lake Shore Elevator Company. 177,562; Sept. 18.
Feeds, Bird and poultry. H-O Cereal Company. 164,643; Jan. 30.
Feeds, Dairy. Ontario Milling Company Incorporated. 160,297; Dec. 11.
Feeds, Farinaceous stock. Quaker Oats Company. 174,918; Sept. 4.
Feeds, Horse, mule, cow, etc. Sturges Company. 168,077; Feb. 6.
Feeds, Horse, poultry, hog, and dairy. G. F. Obrecht. 175,405; Aug. 7.
Feeds, Live-stock. C. R. Mabee. 173,971; Aug. 21.
Feeds, Poultry. H-O Cereal Company. 168,968; Mar. 20.
Feeds, Poultry. M. C. Peters Mill Co. 177,991; Aug. 21.
Feeds, Poultry. M. C. Peters Mill Co. 177,993; Aug. 21.
Feeds, Poultry. George Urban Milling Company. 177,336; Aug. 21.
Feeds, Stock. Quaker Oats Company. 173,982; July 24.
Feeds, Stock. Quaker Oats Company. 174,917; Aug. 7.
Feeds, Stock and poultry. Arcady Farms Milling Company. 176,056; Nov. 13.
Figs and fig butter, Preserved. C. Schmidt. 181,913; Dec. 11.
Figs, dried fruits, and nuts. Bennett Day Importing Co. 161,029; Jan. 2.
Figs, Preserved. Beckwith Co. 164,861; Jan. 9.
Figs, Stuffed. W. C. Cook & Co. 183,053; Sept. 18.
Figs, sun-dried raisins, shelled nuts, etc., Preserved. G. Vlachos. 180,913; Oct. 16.
Fish and oysters, Fresh. Easter Fish Company. 177,900; June 12.
Fish cakes. Gorton-Pew Fisheries Company. 177,909; July 24.
Fish cakes and canned fish. M. Kumamoto. 175,015; July 3.
Fish cakes, codfish cakes, clams, etc. Burnham & Morrill Company. 173,399; June 5.
Fish, Frozen. P. W. Petersen. 167,421; May 1.
Fish, macaroni, tomatoes, etc., Tunny. Savoy Importing Co. 163,712; Feb. 27.
Fish preserved in oil, canned vegetables, rice, etc. R. Mortorelli. 168,726; Sept. 25.
Fish, Smoked. Johnson Smoked Fish Company. 163,758; Jan. 30.
Fish, Smoked. Fulton Smoked Fish Co. 176,117; May 22.
Fish which have been subjected to a pickling solution, Fresh. Whitman, Ward & Lee Co. 176,147; July 17.
Flavoring compound. B. Heller & Company. 172,377–9; May 22.
Flavoring compound. B. Heller & Company. 172,531; May 22.
Flavoring compound, Artificial-vanilla. C. A. Bell. 169,148; June 5.
Flavoring extract. Southern Beverage Company. 163,949; Mar. 6.
Flavoring extract for food purposes. Florasynth Laboratories. 179,192; Oct. 23.
Flavoring extract for foods. Florasynth Laboratories. 179,191; Sept. 25.
Flavoring extracts. A. Beck. 146,196; Dec. 11.
Flavoring extracts. Joseph Burnett Co. 164,746; Nov. 20.
Flavoring extracts. California Laboratories, Inc. 184,588; Dec. 11.
Flavoring extracts. Gilbert Bros. & Co. 183,374; Nov. 13.
Flavoring extracts and jellies, Food-. Garrett & Co. 172,644; Aug. 14.
Flavoring extracts, crushed and canned fruits, Food-. S. E. Shaffner Co. 168,807; May 15.
Flavoring extracts, Food-. Acme Flavoring Co. 166,969; Jan. 16.
Flavoring extracts, Food-. Foote & Jenks. 169,850; Feb. 27.
Flavoring extracts, Food-. Julius Marcus Company. 169,313; May 1.
Flavoring extracts, Food-. F. T. Morrissey. 158,534; Aug. 21.
Flavoring extracts, Food-. W. F. Peacock. 167,735; Feb. 27.
Flavoring extracts, Food-. W. F. Peacock. 167,886; Feb. 27.
Flavoring extracts for food. Hudson Manufacturing Company. 165,493; July 3.
Flavoring extracts, mincemeat, almond paste, etc., Food-. International Company. 175,016; Nov. 13.
Flavoring extracts, paste vanillas and coffees. M. A. Shepardson. 159,623; Dec. 11.
Flavoring extracts, salad dressing, prepared mustard, etc., Food. H. P. Lau Co. 177,390; Nov. 20.
Flavoring extracts, spices, celery seed, etc. A. G. Fenton. 177,966; Oct. 2.
Flavoring preparation for food products. Francis H. Leggett & Company. 169,859; Apr. 3.
Flavorings and extracts. Arthur L. Leech Co. 160,889; Apr. 3.
Flavorings and spices, Food. B. Heller & Company. 172,530; May 22.
Flavors for food, marshmallow topping, etc. United Confectioners Supply Co. 158,906; May 8.
Flour. Charleston Milling & Produce Company. 185,955; Dec. 25.
Flour. Maltana Company. 164,253; Sept. 25.
Flour. C. O. Sandefur. 180,302–3; Sept. 25.
Flour and breakfast cereal. H-O Cereal Company. 155,560; Mar. 20.
Flour and corn meal, Wheat. C. L. Green. 185,336; Dec. 25.
Flour and corn meal, Wheat and graham. Boonville Mills Company. 162,912; Mar. 20.
Flour and stock feeds. Quaker Oats Company. 174,102; July 31.
Flour and stock feeds, Wheat. Capital City Milling & Grain Co. 175,845; Nov. 6.
Flour, bread, biscuits, and cake. R. Winter Limited. 185,325; Dec. 25.
Flour, canned fruits, vegetables, etc., Wheat. L. Klein, Inc. 174,310; Sept. 18.
Flour, Corn. P. G. Garza. 165,078; Jan. 30.
Flour, corn meal, and bread, Wheat and rye. Nature's Own Food Co. 158,090; Sept. 25.
Flour, corn meal, and wheat feed, Wheat and Graham. Dixie Mills. 173,741; Sept. 11.
Flour, cracked cereal food, etc., Pancake. C. O. Sandefur. 180,621; Nov. 6.
Flour, Fancy patent hard-wheat. William H. Oldach Inc. 163,232; Apr. 3.
Flour, Hard-wheat. Kell Milling Company. 177,385; Dec. 18.
Flour, Hard-wheat. Kell Milling Company. 181,127; Dec. 18.
Flour, Hard-wheat. Wells-Abbott-Nieman Co. 173,946; July 24.
Flour, Hard-wheat, soft-wheat, and self-rising. United States Flour Mills Company. 167,436–7; Mar. 20.
Flour, hominy feed, and grits, Wheat. Chas. Broeker & Co. 179,179; Sept. 11.
Flour improvers. De Bruyn, Limited. 158,705; Aug. 7.
Flour made from cereals, Wheat. J. W. Russell. 164,116; Mar. 20.
Flour made of cornstarch, etc., to be mixed with wheat flour. George E. Keller Laboratories. 156,495; Feb. 6.
Flour, meal, farina, etc. Naamlooze Vennootschap Industrieele Maatschappij v/h Noury & Van Der Lande. 157,846; Sept. 25.
Flour, oleomargarine, tapioca, etc., Wheat. Northern Jobbing Company. 171,034; Sept. 25.
Flour, Pancake. Pokodot Cereal Company. 181,310; Sept. 25.
Flour, Pancake and buckwheat. Hite Brothers. 181,342; Sept. 25.
Flour, Pastry. J. Moskowitz. 176,416; Sept. 18.
Flour, Pastry. Neal Manufacturing Co. 174,022; May 15.
Flour, Patent winter-wheat. Hurst-Boillin Co. 174,395; Dec. 18.
Flour, Plain. H. D. Lee Flour Mills Company. 186,140; Dec. 25.
Flour, Plain and self-rising wheat. Farmers Milling Co. 177,965; Nov. 20.
Flour, Prepared. Ballard & Ballard Company. 159,081; Mar. 27.
Flour, Prepared wheat. Ballard & Ballard Company. 159,079; Mar. 20.
Flour, rolled oats, etc., Wheat. Quaker Oats Company. 174,919; Sept. 11.
Flour, Salt-rising. Ballard & Ballard Company. 159,078; June 5.
Flour, Self-rising. American Hominy Company. 173,391; May 8.
Flour, Self-rising. Atlanta Milling Co. 169,345; Feb. 27.
Flour, Self rising. Federal Mill & Elevator Co. 166,056; Jan. 9.
Flour, Self-rising. Dunlop Milling Co. 160,592; Nov. 20.
Flour, Self-rising. Dunlop Milling Company. 182,740; Nov. 13.
Flour, Self-rising. Ford Flour Company. 172,327; July 31.
Flour, Self-rising. M. D. King Milling Company. 184,079–80; Dec. 25.

Classified list of trade-mark titles—Continued.

Flour, Self-rising. Lawrenceburg Roller Mills Co. 170,771; June 5.
Flour, Self-rising. Lawrenceburg Roller Mills Co. 170,772–3; May 8.
Flour, Self-rising. Lillie Mill Company. 182,757; Nov. 6.
Flour, Self-rising. Noblesville Milling Co. 166,566–7; Mar. 20.
Flour, Self-rising. Noblesville Milling Co. 167,731; Jan. 30.
Flour, Self-rising. Sauers Milling Company. 160,210; Mar. 20.
Flour, Self-rising. J. Allen Smith & Co. 175,527; June 19.
Flour, Self-rising. South Georgia Produce Company. 171,966–7; Mar. 20.
Flour, Self-rising. Sprague Roller Mills. 170,734; July 24.
Flour, self-rising pancake flour, wheat meal, etc., Wheat. Red Star Milling Company. 178,192; Nov. 6.
Flour, Self-rising wheat. Ballard & Ballard Co. 154,075; Mar. 20.
Flour, Self-rising wheat. Ballard & Ballard Company. 157,295; Mar. 20.
Flour, Self-rising wheat. Ballard & Ballard Company. 159,080; Mar. 20.
Flour, Self-rising wheat. Ballard & Ballard Co. 172,719; May 8.
Flour, Self-rising wheat. Ford Flour Company. 177,081; Sept. 4.
Flour, Self-rising wheat. Hattiesburg Grocery Co. 176,827; Sept. 18.
Flour, Self-rising wheat. Kehlor Flour Mills Company. 163,523; Jan. 30.
Flour, Self-rising wheat. Model Mill Company. 175,803; Aug. 21.
Flour, Self-rising wheat. Trenton Milling Company. 182,729; Oct. 2.
Flour, Self-rising wheat. S. R. Yantis Milling Co. 169,041; Jan. 16.
Flour, Self-rising wheat. S. R. Yantis Milling Co. 169,042; Mar. 20.
Flour, stock feed, chicken feed, Wheat. Powell Milling Co. 167,652; Jan. 9.
Flour, Wheat. Abilene Flour Mills Co. 171,780; June 5.
Flour, Wheat. Accas Brothers. 169,470; Feb. 27.
Flour, Wheat. Albers Bros. Milling Co. 168,744; Jan. 23.
Flour, Wheat. American Dealers Trading Corporation. 173,990; June 5.
Flour, Wheat. Ansted & Burk Company. 184,704; Dec. 25.
Flour, Wheat. Archbold-Giger & Co. 181,807; Nov. 13.
Flour, Wheat. Archbold-Giger & Co. 181,808; Nov. 20.
Flour, Wheat. Astoria Flouring Mills Company. 176,591; Sept. 11.
Flour, Wheat. F. C. Atkinson. 180,462; Oct. 30.
Flour, Wheat. Attica Mills. 156,133; July 31.
Flour, Wheat. Ballard and Ballard Company. 156,434; June 5.
Flour, Wheat. Ballard & Ballard Company. 159,337; Nov. 20.
Flour, Wheat. Bay State Milling Co. 175,061; Aug. 21.
Flour, Wheat. Bernet, Craft and Kauffman Milling Company. 156,516; Feb. 6.
Flour, Wheat. Bernet, Craft & Kauffman Milling Co. 179,924; Nov. 6.
Flour, Wheat. Bill, Bell & Co. 179,178; Sept. 25.
Flour, Wheat. Black Bros. Flour Mills. 167,703; June 5.
Flour, Wheat. Black Bros. Flour Mills. 171,609; May 1.
Flour, Wheat. Black Bros. Flour Mills. 182,396; Oct. 2.
Flour, Wheat. J. S. Black. 169,048; Mar. 27.
Flour, Wheat. Martin Boyd & Co. 178,589; Sept. 18.
Flour, Wheat. Cannon Valley Milling Company. 159,142; Mar. 20.
Flour, Wheat. Colorado Milling & Elevator Co. 163,258; Mar. 27.
Flour, Wheat. Colorado Milling & Elevator Co. 175,470; June 19.
Flour, Wheat. Commander Mill Co. 176,251; Sept. 18.
Flour, Wheat. Dakota Milling Company. 153,175; Feb. 27.
Flour, Wheat. J. W. Denio Milling Company. 164,024; June 5.
Flour, Wheat. J. W. Denio Milling Company. 164,025; May 1.
Flour, Wheat. D. Diamond. 180,967; Sept. 25.
Flour, Wheat. Dunlop Miling Co. 162,808; June 5.
Flour, Wheat. Ford Flour Company. 177,601; Sept. 18.
Flour, Wheat. Frontier Elevator & Mill Co. 180,276; Sept. 25.
Flour, Wheat. Frontier Elevator & Mill Company. 177,730; Aug. 21.
Flour, Wheat. Goerz Flour Mills Co. 152,796; July 17.
Flour, Wheat. Graham Mill & Elevator Co. 159,311; Mar. 27.
Flour, Wheat. P. N. Gray & Company. 174,735; Sept. 18.
Flour, Wheat. Hanson Milling Company. 161,881; Apr. 3.
Flour, Wheat. Harrison & Co. 166,371; July 31.
Flour, Wheat. Harrison & Co. 166,672–3; July 31.
Flour, Wheat. D. Hecht. 165,871; May 1.
Flour, Wheat. Hecker-Jones-Jewell Milling Company. 175,241; June 5.
Flour, Wheat. Hecker-Jones-Jewell Milling Company. 182,802; Dec. 18.
Flour, Wheat. Hecker-Jones-Jewell Milling Company. 182,805–8; Oct. 2.
Flour, Wheat. Hecker-Jones-Jewell Milling Company. 183,028; Dec. 18.
Flour, Wheat. Hecker-Jones-Jewell Milling Company. 183,031–2; Dec. 18.
Flour, Wheat. Hecker-Jones-Jewell Milling Company. 183,285; Dec. 25.
Flour, Wheat. Hecker-Jones-Jewell Milling Company. 183,287; Dec. 18.
Flour, Wheat. Hecker-Jones-Jewell Milling Company. 183,475–6; Dec. 25.
Flour, Wheat. Hecker-Jones-Jewell Milling Company. 183,478; Dec. 18.
Flour, Wheat. Hecker-Jones-Jewell Milling Company. 183,480; Dec. 25.
Flour, Wheat. Hecker-Jones-Jewell Milling Company. 183,877; Dec. 25.
Flour, Wheat. S. W. Hershey. 168,967; Feb. 6.
Flour, Wheat. J. K. Hevener. 157,152; Apr. 3.
Flour, Wheat. Highland Milling Company. 177,740; Oct. 2.
Flour, Wheat. Holland O'Neal Milling Co. 175,102; June 5.
Flour, Wheat. Holt & Company. 115,504; Dec. 11.
Flour, Wheat. International Milling Company. 178,044; Aug. 21.
Flour, Wheat. Ismert-Hincke Miling Company. 156,161; Jan. 30.
Flour, Wheat. Joliet Flour Mills Company. 173,085; Sept. 25.
Flour, Wheat. Kehlor Flour Mills Company. 169,908; July 31.
Flour, Wheat. Kehlor Flour Mills Company. 171,927; May 1.
Flour, Wheat. Kehlor Flour Mills Company. 182,419; Oct. 2.
Flour, Wheat. Keystone Flour Company. 163,336; Jan. 30.
Flour, Wheat. King Milling Co. 182,422; Nov. 13.
Flour, Wheat. King Milling Co. 182,755; Nov. 20.
Flour, Wheat. H. H. King Flour Mills Company. 184,736; Dec. 25.
Flour, Wheat. M. D. King Milling Company. 176,192–3; Aug. 14.
Flour, Wheat. Larabee Flour Mills Corporation. 162,426–8; Mar. 20.
Flour, Wheat. Larabee Flour Mills Corporation. 171,502; Mar. 13.
Flour, Wheat. J. Laux. 175,501; June 19.
Flour, Wheat. Lawrenceburg Roller Mills Co. 170,774; Mar. 13.
Flour, Wheat. Lawrenceburg Roller Mills Co. 178,744; Sept. 11.
Flour, Wheat. P. M. Leavitt. 171,091; Sept. 18.
Flour, Wheat. A. S. Leo. 143,823; July 31.
Flour, Wheat. Levenson, Shevelove Co. 161,929; Nov. 20.
Flour, Wheat. S. Levenson. 163,404; Nov. 6.
Flour, Wheat. Lillie Mill Company. 182,758; Oct. 2.
Flour, Wheat. Lillie Mill Company. 182,759; Nov. 13.
Flour, Wheat. Longmont Farmers Milling & Elevator Co. 169,722; July 31.
Flour, Wheat. Louisville Milling Co. 180,288–9; Sept. 25.
Flour, Wheat. Louisville Milling Company. 166,695; Mar. 20.
Flour, Wheat. Louisville Milling Company. 172,890; Apr. 10.
Flour, Wheat. J. C. Lysle Milling Company. 173,098; Oct. 2.
Flour, Wheat. J. C. Lysle Milling Company. 173,099; May 15.
Flour, Wheat. Mauser Mill Company. 143,771; Feb. 13.
Flour, Wheat. W. J. McDonald. 162,191; Jan. 30.
Flour, Wheat. Midland Flour Milling Co. 173,655; May 8.
Flour, Wheat. Midland Flour Milling Co. 175,095; June 5.
Flour, Wheat. Midland Flour Milling Co. 180,483; Nov. 6.
Flour, Wheat. Minneapolis Milling Co. 173,974; Aug. 7.
Flour, Wheat. Minneapolis Milling Co. 175,939; Sept. 18.
Flour, Wheat. Model Mill Company. 175,802; Aug. 7.
Flour, Wheat. Modern Flour Mills. 169,601; Feb. 27.
Flour, Wheat. Morrow Milling Company. 154,456; Jan. 30.
Flour, Wheat. Morrow Milling Company. 156,914; Mar. 27.
Flour, Wheat. Nebraska Consolidated Mills Company. 180,881; Nov. 6.
Flour, Wheat. Nebraska Mill & Elevator Co. 175,100; June 5.
Flour, Wheat. Noblesville Milling Co. 165,239; Jan. 30.
Flour, Wheat. Noblesville Milling Co. 167,531; Mar. 20.
Flour, Wheat. Noblesville Milling Co. 167,730; Mar. 20.
Flour, Wheat. Noblesville Milling Co. 167,885; Mar. 20.
Flour, Wheat. Northfield Flour Mills Company. 174,630; June 5.

Flour, Wheat. Northfield Flour Mills Company. 176,422–4; Aug. 21.
Flour, Wheat. Pacific Commercial Company. 168,728; Dec. 4.
Flour, Wheat. Parham-Lindsay Grocery Co. 162,048; May 1.
Flour, Wheat. Pfeffer Milling Company. 165,032; Jan. 2.
Flour, Wheat. Pfeffer Milling Company. 170,089; Feb. 27.
Flour, Wheat. Phoenix Flour Mill. 176,914; Aug. 14.
Flour, Wheat. Pillsbury Flour Mills Company. 173,377; Aug. 7.
Flour, Wheat. Pillsbury Flour Mills Company. 173,379; Nov. 6.
Flour, Wheat. Pillsbury Flour Mills Company. 174,334; June 5.
Flour, Wheat. Pillsbury Flour Mills Company. 182,993; Dec. 25.
Flour, Wheat. Portland Flour Mills Co. 182,175; Dec. 11.
Flour, Wheat. Portland Flour Mills Co. 182,177–8; Nov. 13.
Flour, Wheat. Portland Flour Mills Co. 182,179; Nov. 20.
Flour, Wheat. Portland Flour Mills Co. 182,607–8; Nov. 13.
Flour, Wheat. Frank R. Prina Corporation. 149,352; May 1.
Flour, Wheat. Frank R. Prina Corporation. 183,594; Dec. 25.
Flour, Wheat. Quaker Oats Company. 174,107; May 15.
Flour, Wheat. Quaker Oats Company. 174,914; Aug. 7.
Flour, Wheat. Quaker Oats Company. 174,916; June 5.
Flour, Wheat. Quaker Oats Company. 174,920; June 5.
Flour, Wheat. Quaker Oats Company. 177,452; Oct. 2.
Flour, Wheat. Randolph Milling Company. 168,170; Apr. 3.
Flour, Wheat. Red Star Milling Company. 172,173; May 8.
Flour, Wheat. Red Star Milling Company. 173,242; June 5.
Flour, Wheat. B. L. Robertson. 169,323; Apr. 3.
Flour, Wheat. Robinson Milling Company. 175,946; Nov. 6.
Flour, Wheat. Rugby Milling Company. 162,055; Mar. 20.
Flour, Wheat. Sands, Taylor & Wood Co. 168,555–6; Mar. 20.
Flour, Wheat. N. Sauer Milling Company. 153,787; Oct. 2.
Flour, Wheat. Southern Illinois Milling Company. 183,779; Dec. 25.
Flour, Wheat. Southwestern Milling Company. 174,597; July 31.
Flour, Wheat. Southwestern Milling Company. 181,458–63; Sept. 25.
Flour, Wheat. Southwestern Milling Company. 185,384; Dec. 25.
Flour, Wheat. Sparks Milling Company. 185,385; Dec. 25.
Flour, Wheat. Sperry Flour Co. 163,294; Jan. 30.
Flour, Wheat. Star Milling Company. 164,726; Jan. 30.
Flour, Wheat. State Line Milling Co. 179,170; Sept. 11.
Flour, Wheat. Stoddard Mill & Grain Company. 182,777; Oct. 2.
Flour, Wheat. Stroud-Dockum Grocery Co. 162,354; Jan. 30.
Flour, Wheat. Sunnyside Milling Co. 183,677; Dec. 25.
Flour, Wheat. Texas Star Flour Mills. 180,631; Sept. 25.
Flour, Wheat. Thompson Milling Co. 159,543; Mar. 20.
Flour, Wheat. Thompson Milling Co. 160,727; Mar. 20.
Flour, Wheat. Thompson Milling Company. 169,991; Feb. 27.
Flour, Wheat. Thompson Milling Company. 173,451; Nov. 6.
Flour, Wheat. Trenton Milling Co. 162,148; July 31.
Flour, Wheat. George Urban Milling Company. 176,299; Aug. 14.
Flour, Wheat. Vignes-Bombet Grocer Co. 178,645; Sept. 18.
Flour, Wheat. Vitimin Milling Company. 175,283; July 31.
Flour, Wheat. Wabasha Roller Mill Company. 169,793; Feb. 27.
Flour, Wheat. Wabasha Roller Mill Company. 172,918; May 8.
Flour, Wheat. Washburn-Crosby Company. 149,730; Jan. 23.
Flour, Wheat. Washburn-Crosby Company. 159,545; Mar. 27.
Flour, Wheat. Washburn-Crosby Company. 170,513; Mar. 13.
Flour, Wheat. Washburn-Crosby Company. 177,754; Aug. 21.
Flour, Wheat. Washburn-Crosby Company. 181,468; Sept. 25.
Flour, Wheat. Weber Flour Mills Corporation. 168,505; Mar. 20.
Flour, Wheat. Wichita Flour Mills Co. 162,654–5; Jan. 23.
Flour, Wheat. Frank C. Williams, Inc. 167,277; Apr. 3.
Flour, Wheat. Willis Norton & Co. 177,884; Nov. 13.
Flour, Wheat. Willis Norton & Co. 179,949; Sept. 18.
Flour, Wheat. Willis Norton & Co. 182,325; Oct. 2.
Flour, Wheat. F. Wolf. 162,656; Jan. 30.
Flour, Wheat. George A. Zabriskie. 167,155; June 5.
Flour, White and Graham. D. J. Toomey Produce Co 174,188; June 5.
Flour, Winter-wheat. J. Grossman. 159,356; Feb. 6.
Flours. L. A. E. Frenkel, Inc. 174,433; June 5.
Flours, Wheat, etc. O. R. Pieper. 168,784; Jan. 16.
Fondant and base in candy, ice cream, etc., Semiprepared. White, Stokes Co. 178,791; Aug. 28.
Food, Article of. Harrington & Hord. 169,129; July 31.
Food articles. Never Enough Pie Company. 169,769; Apr. 3.
Food, Bird. C. C. Morse and Co. 171,943; Mar. 20.
Food, Birds'. James Butler Grocery Company. 163,430; Apr. 3.
Food, Breakfast cereal. Albers Bros. Milling Co. 169,270; Apr. 3.
Food, Cereal breakfast. Battle Creek Food Company. 174,722; June 5.
Food, Cereal breakfast. Battle Creek Food Company. 175,701; June 19.
Food, Cereal breakfast. J. J. Beshere. 164,856; Jan. 30.
Food, Cereal breakfast. Kellogg's Pep & Zep Products, Inc. 182,543; Dec. 11.
Food, Cereal breakfast. Kellogg Toasted Corn Flake Co. 156,905; Mar. 20.
Food, Cereal breakfast. Pokodot Cereal Company. 181,309; Nov. 13.
Food composed of dough and sausage cooked in patties, Article of. M. P. Miller. 168,161; Mar. 6.
Food, Cracked cereal. C. O. Sandefur. 180,298–9; Sept. 25.
Food drink, Cereal. J. L. Shroyer. 156,117; Nov. 13.
Food, Edible. F. G. Matson. 177,857; Aug. 21.
Food, Edible. F. G. Matson. 177,918; Aug. 21.
Food, egg mash, and chick mash, Hen and chick. Bowman Bros. Seed Co. 162,658; Mar. 20.
Food-flavoring extracts. Citrus Products Company. 184,120; Dec. 25.
Food-flavoring extracts. G. K. Loving. 164,176; Dec. 4.
Food-flavoring extracts and coffee. C. A. Murdock Mfg. Co. 175,805; June 19.
Food for cattle. J. Bibby & Sons Limited. 175,913; Dec. 11.
Food for cattle, horses, sheep, pigs, and poultry. Algin Company. 163,661; Mar. 20.
Food for chickens. E. R. Schooley. 166,573; July 31.
Food for dogs and cats, Milk. Spratt's Patent Limited. 153,858; June 5.
Food for fowl, Scratch. T. W. Wood & Sons. 167,792; Mar. 20.
Food for infants. Specially-prepared. Mead Johnson & Co. 171,939; June 26.
Food for infants, Specially-prepared. Mead Johnson & Company. 182,598; Oct. 30.
Food, Hog. Dixon Cereal and Feed Company. 171,730; Sept. 11.
Food, Infants' and invalids'. Joseph Nathan & Co. 174,587; Nov. 13.
Food, Mineral stock. Vita Mineral Products Company. 177,337; Oct. 2.
Food mixture. E. A. Bear & Co. 176,596; Sept. 11.
Food mixture. Snow & Palmer Co. 171,107; Sept. 25.
Food, Nut cereal. Battle Creek Food Company. 175,703; Oct. 30.
Food, Nut cereal. Battle Creek Food Company. 175,838; June 19.
Food, Poultry. Jameson-Hevener Company. 176,346; Sept. 25.
Food, Poultry. Marmite Food Extract Co. 183,581; Dec. 25.
Food, Poultry. Standard Lime & Stone Co. 160,305; Feb. 6.
Food preparation. Certified Foods, Inc. 163,918; Apr. 3.
Food preparation. Coleman and Company Limited. 140,919; May 8.
Food preparation for making cocoa beverage. Jaburg Bros. 172,341; Oct. 2.
Food preparations. H. B. Hunter. 165,444; Mar. 20.
Food preparations of chocolate, sugar and water, and cocoa, sugar and water. H. B. Hunter Co. 166,885; Feb. 20.
Food product. V. Banos & Co. 177,948; July 24.
Food product. Foley Food Product Company. 175,480; July 31.
Food product. H. B. Hunter. 179,304; Dec. 4.
Food product. George Kern, Inc. 163,450; Jan. 9.
Food product. Schor & Roberts. 176,695; Sept. 25.
Food product, Cereal. Perfection Products Company. 177,989; Nov. 20.
Food product, Nonconstipating health chocolate. P. D. Panoulias. 164,449; Sept. 11.
Food products. Hutchison Thrift Corporation. 169,059; May 8.
Food products. T. & C. Corporation. 173,863; Aug. 7.
Food shortening. Wallace & Tiernan Pando Co. 183,782; Sept. 18.
Food, Special carbohydrate antitoxic. Battle Creek Food Company. 180,463; Oct. 16.
Food, Stock. C. Winslow. 160,376; Mar. 20.

Classified list of trade-mark titles—Continued.

Food, Vegetable. Battle Creek Food Company. 176,816; Sept. 4.
Foods. E. L. Ballew. 117,761; Nov. 6.
Foods. C. W. McClure. 182,165; Dec. 18.
Foods and feed for poultry, live stock, and cattle. I. I. Irwin. 170,821; June 5.
Foods and food products, Cooked, uncooked, fresh, canned, compressed, etc. McKay-Manning, Incorporated. 166,783; Mar. 20.
Foods and ingredients of foods. Queensland Meat Export Company. 122,405; Feb. 27.
Foods, Breakfast cereal. Home Food Service Company. 167,084; July 31.
Foods, Cereal breakfast. Battle Creek Food Company. 176,247; Aug. 21.
Foods, Cereal breakfast. Kellogg Toasted Corn Flake Co. 172,884; July 24.
Foods, Cereal breakfast. Postum Cereal Company. 174,976; May 15.
Foods, Cereal breakfast. Six In One Cereal Co. 157,903; Mar. 20.
Foods, Cereal breakfast. Ward Baking Co. 164,353; Jan. 30.
Foods, Cereal or breakfast. Lodi Mill & Elevator Co. 169,552; Dec. 11.
Foods, Cooked. A. F. Cook. 167,802; Sept. 18.
Foods, cooked bran, etc., Cereal breakfast. Battle Creek Food Company. 175,059; Dec. 25.
Foods, Health. W. H. Brooks. 178,159; Nov. 20.
Foods, Health. W. H. Brooks. 182,231; Nov. 13.
Foods, pancake and wheat flour, and corn meal, Cereal breakfast. Nebraska Consolidated Mills Co. 156,709; Mar. 20.
Foods, Poultry. W. B. Black. 170,750; May 1.
Foods, Poultry. Fred D. Wikoff Company. 159,675; Nov. 6.
Foods, Stock and poultry. Ubiko Milling Company. 165,902; Aug. 7.
Foods, wheat, etc., flour, Cereal breakfast. Wheaco Cereal Corporation. 167,111; July 31.
Foodstuffs preserved in hermetically-sealed containers. W. H. Killian Co. 167,179; May 8.
French dressing. Windmill Food Products Company. 170,171; Apr. 17.
Fruit and grapefruit, Fresh citrous. W. P. Peyton Fruit Co. 177,863; Aug. 14.
Fruit and salted-nut mixture, Dried. Select Packing Co. 179,487; Sept. 11.
Fruit concentrate. F. E. Booth Co. 185,690; Nov. 13.
Fruit, Dried. A. M. Biddle. 177,821; June 12.
Fruit, Fresh citrous. Mupu Citrus Association. 182,170; Nov. 13.
Fruit, Fresh deciduous. J. C. Knowles. 169,404; Feb. 27.
Fruits, fresh vegetables and cantaloupes, Fresh citrus and deciduous. Randolph Marketing Company. 162,953; Feb. 20.
Fruit in candy form, Sirup-impregnated. J. J. Stoy. 141,333; Mar. 27.
Fruit in jars, figs, dates, etc. Park & Tilford. 172,553; July 31.
Fruit jelly base, Concentrated. Pecto Products Co. 169,183; Mar. 6.
Fruit or berry juice to make jelly. H L. Hulburt. 173,648; June 5.
Fruit pectin. Hood River Apple Vinegar Co. 183,213; Sept. 18.
Fruit, Preserved. Keystone Fruit Products Company. 177,607; July 17.
Fruit, Preserved. Keystone Fruit Products Company. 177,608; Nov. 6.
Fruit preserves, honey, and mincemeat. Standard Syrup Company. 177,631; July 3.
Fruit preserves, jams, jelly, apple butter, sweet and sour pickles, sour relish, etc. G. H. Wetterau & Sons Grocer Company. 170,736; May 8.
Fruit preserves, jellies, and other canned fruit products. Titze and Fortkamp Company. 172,620; May 8.
Fruit—viz, satsuma, Fresh. Satsuma Orange & Pecan Groves Company. 176,047; May 22.
Fruits and asparagus, Fresh. Hunt, Hatch & Co. 165,137; Oct. 9.
Fruits and canned fruits and vegetables, Dried. O. A. Harlan & Co. 179,469; July 31.
Fruits and canned vegetables, Preserved, canned, and bottled. Chase & Co. 181,727; Nov. 6.
Fruits and fresh vegetables, Fresh citrous. Andrews Brothers Company. 176,152; May 15.
Fruits and fresh vegetables, Fresh citrous. Wallerstein Plantations, Inc. 177,532; Dec. 11.
Fruits and fresh vegetables, Fresh deciduous. Idaho Evaporating Co. 169,761; May 1.
Fruits and fresh vegetables, Fresh deciduous. W. R. Parvin. 168,372; May 8.
Fruits and fresh vegetables, Fresh deciduous. W. R. Parvin. 168,373; Feb. 20.
Fruits and grapes, Deciduous. Y. Maeda. 158,782; June 19.
Fruits and grapes, Fresh deciduous. Marshall & Muller. 174,581; June 26.
Fruits and ice cream, Frozen. W. A. Davis. 167,767; Apr. 24.
Fruits and nuts. E. I. Power. 156,017; Sept. 11.
Fruits and vegetables, canned fruits and vegetables, fresh grapes, melons, etc., Dried. da Roza-Doherty Company. 174,428; June 5.
Fruits and vegetables, Fresh. Haley-Neeley Company. 168,037; Mar. 27.
Fruits and vegetables, Fresh. Illinois Fruit Exchange. 167,641; Apr. 24.
Fruits and vegetables, Fresh. Northern Fruit Company. 165,705; Jan. 2.
Fruits and vegetables, Fresh. W. R. Roach & Company. 159,054; June 19.
Fruits and vegetables, Fresh. Standard Growers Exchange. 169,334; Nov. 13.
Fruits and vegetables, Fresh. Phil Warner & Son. 183,510; Nov. 13.
Fruits and vegetables, Fresh and preserved. F. E. Kip. 168,682; Mar. 27.
Fruits and vegetables, Fresh deciduous. T. S. Smith. 174,038; Apr. 24.
Fruits, Candied citrus. B. Pernetti. 165,707; Jan. 2.
Fruits, canned vegetables, peanut butter, etc., Dried. Twohy-Smith Company. 176,809–10; Sept. 4.
Fruits, Citrous. California Fruit Growers Exchange. 173,621; Sept. 4.
Fruits, Citrous. C. C. Chapman. 181,377; Dec. 18.
Fruits, Citrous. Gold Buckle Association. 173,636–42; Sept. 11.
Fruits, Citrous. Gold Buckle Association. 173,643; Sept. 25.
Fruits, Citrous. Lakeland Highlands Citrus Growers Assn. 175,724; Oct. 2.
Fruits, Citrous. Rancho Sespe. 184,685; Dec. 4.
Fruits, Citrous. Stambaugh & Rabe. 157,637; Aug. 7.
Fruits, Deciduous. Denney & Company of Oregon. 183,646; Dec. 4.
Fruits, Dried. California Prune and Apricot Growers, Inc. 166,650; Feb. 27.
Fruits, Dried. H. G. Coykendall. 184,599; Oct. 30.
Fruits, Dried. C. C. Hall Inc. 173,421; June 5.
Fruits, Dried. Gile & Jenks. 180,858; Sept. 25.
Fruits, Dried and canned. California Fruit Selling Company. 165,667; Feb. 13.
Fruits, dried or dehydrated fruits and vegetables, etc., Fresh citrous and deciduous. J. L. Taylor Co. 164,977; May 8.
Fruits for soda fountain purposes, Preserved crushed. Virginia Dare Company. 154,004; Nov. 20.
Fruits, Fresh and deciduous. Orangevale Fruit Growers Exchange. 168,782; Aug. 14.
Fruits, Fresh and preserved. Pacific-Italian Trading Corporation. 177,046; Aug. 28.
Fruits, Fresh citrous. Anaheim Valencia Growers Ass'n. 178,370; Aug. 7.
Fruits, Fresh citrous. Arizona Citrus Growers' Co. 172,857; Apr. 17.
Fruits, Fresh citrous. C. O. Banks. 180,831; Aug. 21.
Fruits, Fresh citrous. Citrus Sales Corporation. 171,903; May 15.
Fruits, Fresh citrous. Dade City Citrus Growers Association. 177,279; Aug. 14.
Fruits, Fresh citrous. De Land Citrus Growers Assn. 172,863; Dec. 4.
Fruits, Fresh citrous. Dillard & Keene Co. 172,668; May 15.
Fruits, Fresh citrous. Duarte-Monrovia Fruit Exchange. 175,853; June 26.
Fruits, Fresh citrous. Lee County Packing Co. 178,261; Sept. 4.
Fruits, Fresh citrous. Leeco Citrous Growers' Association. 180,867; Aug. 21.
Fruits, Fresh citrous. Lindsay Co-Operative Citrus Association. 175,609; June 19.
Fruits, Fresh citrous. Lindsay Co-Operative Citrous Association. 175,610; June 26.
Fruits, Fresh citrous. Lindsay Farm Bureau Fruit Association. 185,713; Nov. 13.
Fruits, Fresh citrous. A. G. Maddock. 178,854; Sept. 25.
Fruits, Fresh citrous. Mupu Citrus Association. 182,169; Oct. 2.
Fruits, Fresh citrous. Mupu Citrus Association. 182,171; Oct. 2.
Fruits, Fresh citrous. Chas. C. Oyler & Son. 179,482; Sept. 25.
Fruits, Fresh citrous. Richardson-Marsh Corporation. 178,867; July 17.
Fruits, Fresh citrous. W. G. Roe. 177,408; Oct. 16.
Fruits, Fresh citrous. W. G. Roe. 177,410; July 3.
Fruits, Fresh citrous. San Dimas Lemon Association. 184,296–7; Oct. 9.
Fruits, Fresh citrous. San Dimas Lemon Association. 184,299; Oct. 9.
Fruits, Fresh citrous. San Dimas Lemon Association. 184,300; Oct. 23.
Fruits, Fresh citrous. Silver Palm Citrus Growers Association. 170,044; May 29.
Fruits, Fresh citrous. J. H. Strait & Company. 181,319; Aug. 21.
Fruits, Fresh citrous. Vero Indian River Producers Association. 171,478; May 8.
Fruits, Fresh citrous and deciduous. L. A. Banks. 161,959; July 3.
Fruits, Fresh citrous and deciduous. Mutual Orange Distributors. 168,060; May 15.

Fruits, Fresh citrous and deciduous. W. G. Roe. 177,409; May 29.
Fruits, Fresh citrus. Florida Citrus Exchange. 162,105; Feb. 6.
Fruits, Fresh citrus. A. H. Kalbfleisch. 164,809; Jan. 9.
Fruits, Fresh citrus. R. Krasnow & Sons, Inc. 166,304; Feb. 20.
Fruits, Fresh citrus. Chas. C. Oyler & Son. 169,863; Mar. 13.
Fruits, Fresh citrus. Redland Citrus Growers Association. 168,068; Apr. 3.
Fruits, Fresh citrus. H. C. Sullivan. 159,536; Jan. 16.
Fruits, Fresh citrus. Sunland Packing House Company. 166,106; Jan. 16.
Fruits, Fresh citrus and deciduous. R. Di Giorgio. 165,354; Feb. 27.
Fruits, Fresh deciduous. W. A. Caldwell. 169,236; July 3.
Fruits, Fresh deciduous. Colfax Fruit Growers Assn. 179,459; July 31.
Fruits, Fresh deciduous. Coops Bros. 181,881; Sept. 4.
Fruits, Fresh deciduous. Earl Fruit Company. 170,010; Aug. 7.
Fruits, Fresh deciduous. J. F. Elliot. 184,661; Dec. 4.
Fruits, Fresh deciduous. Ivanhoe Fruit Association. 169,304; Mar. 6.
Fruits, Fresh deciduous. B. T. Shute. 176,221; July 3.
Fruits, Fresh deciduous. H. W. Wood. 169,511; Mar. 6.
Fruits, fresh grapes, and vegetables, Fresh citrous. Ames & Ames. 179,510; July 31.
Fruits, fresh tomatoes, celery, lettuce, etc., Fresh citrus. Manatee Fruit Co. 167,183; Mar. 6.
Fruits, fresh vegetables, canned fruits and vegetables and fruit jam, Fresh deciduous and citrous. Pleasant Grove Canning Co. 171,952; May 1.
Fruits, fresh vegetables, etc., Fresh deciduous and citrous. Pleasant Grove Canning Company. 171,951; July 3.
Fruits, jellies, jams, etc. F. B. Nordman, jr. 146,979; Aug. 28.
Fruits, nuts, etc., Citrous. R. C. Vilas. 175,227; July 31.
Fruits, Processed dried. Vin-Sok Food Products Corporation. 169,792; Mar. 6.
Fudge. Golden Nugget Sweets. 137,927; June 19.
Fudge bars, Chocolate-coated. A. B. Mewhinney Co., Inc. 162,564; Apr. 10.
Fudge bars or rolls. R. W. Lovering. 181,837; Sept. 25.
Garlic flavoring compound. B. Heller & Company. 172,990; July 24.
Gelatin. Puritan Gelatin Company. 156,403; Jan. 30.
Gelatin. United Chemical and Organic Products Co. 182,189; Oct. 9.
Gelatin dessert preparation. California Food Products Company. 182,649; Nov. 13.
Gelatin preparation. Tyler Chemical Co. 182,553; Nov. 13.
Gelatin used as a food or as ingredient of foods. Lijmen-Gelatinefabriek-Delft. 173,332; Oct. 16.
Gelatine. Societe des Produits Chimiques Coignet. 165,097; Feb. 6.
Ginger, chutney, honey, etc. J. O. Taneyhill. 174,757; July 10.
Grapefruit. Kopf Bros. Co. 183,451; Oct. 16.
Grapefruit, Fresh. Merrick and Rice. 154,317; June 19.
Grapefruit, oranges, etc., Fresh. Indian River Products Company. 149,508; Dec. 18.
Grapefruit, oranges, tangerines, pineapples, etc., Fresh. J. Pratt Carroll, Inc. 166,347; May 29.
Grapes and cantaloupes, Fresh. Ben H. Arkelian & Co. 164,482; June 5.
Grapes and raisins, Fresh. A. Mattei. 178,266; June 12.
Grapes, citrous fruits, and cantaloupes, Fresh. Associated Fruit Co. 182,645; Oct. 16.
Grapes, Fresh. C. Anderson. 182,898; Sept. 25.
Grapes, Fresh. Associated Growers Inc. 157,402; Mar. 27.
Grapes, Fresh. P. O. Clark. 164,101; Feb. 20.
Grapes, Fresh. Freedman & Engelman. 185,654; Nov. 13.
Grapes, Fresh. L. R. Hamilton. 184,611; Oct. 9.
Grapes, Fresh. O. J. Le Baron. 185,661; Dec. 4.
Grapes, Fresh. W. C. McLellan. 168,371; May 8.
Grapes, Fresh. E. E. Morse. 167,307; Feb. 27.
Grapes, Fresh. Navelencia Fruit Growers. 184,618; Dec. 18.
Grapes, Fresh. K. Okuda. 164,067; Jan. 16.
Grapes, Fresh. Sierra Vista Vineyard Corporation. 169,329; Feb. 27.
Grapes, Fresh. Starry, Young & Way. 185,724; Nov. 20.
Grapes, Fresh. Starry, Young & Way. 185,725; Nov. 13.
Grapes, Fresh. Sunset Fruit Co. 168,387; July 3.
Grapes, Fresh. Tipton Fruit Growers Assn. 185,731; Nov. 13.
Grapes, peaches, plums, and citrous fruits, Fresh. Federal Fruit Distributors. 182,374; Dec. 4.
Greasing compound to be applied to bread pans, etc. Dryol Corporation. 184,395; Oct. 9.
Gum, Chewing. American Chicle Company. 175,834; June 19.
Gum, Chewing. Apple Gum Company. 173,161; May 8.
Gum, Chewing. R. H. Cobb. 155,253; July 3.
Gum, Chewing. Dudley Gum Company. 161,040; Sept. 11.
Gum, Chewing. Franklin-Caro Company. 101,984; July 3.
Gum, Chewing. Goudey Gum Company. 156,001; June 5.
Gum, Chewing. Listerated Gum Corporation. 178,399; July 10.
Gum, Chewing. Listerated Gum Corporation. 184,977–8; Dec. 11.
Gum, Chewing. Morton Gum Co. 185,932; Nov. 27.
Gum, Chewing. H. W. White. 185,100; Nov. 6.
Gum, Chewing. Wm. Wrigley Jr. Company. 165,734; Feb. 6.
Gum, Wax chewing. Sweetman Company. 161,587; Oct. 16.
Ham, lard, bacon, sausage, salt pork, etc. Northern Packing Company. 182,667; Dec. 25.
Hams. Hickory Hill Farm. 158,311; Jan. 16.
Hams and bacon. Higgin's Packing Company. 164,908; Jan. 30.
Hams and bacon, Smoked. Patrick-Young Company. 179,677; July 31.
Hams and bacons. Arthur E. Door & Co. 159,852; Oct. 16.
Hams, bacon, and sausage. Indianapolis Abattoir Company. 174,837; June 19.
Hams, bacon, lard, and sausage. Greenwald Packing Company. 157,150; Mar. 6.
Hams, bacon, lard, and sausage products. Lake Erie Provision Company. 172,422; May 29.
Hams, bacon, sausage, lard, etc. Evansville Packing Company. 179,931; Oct. 16.
Hams, bacons, sausage, etc. Indianapolis Abattoir Company. 176,629; July 31.
Hams, breakfast bacon. William Zoller Company. 172,924; June 5.
Hams, Raw and cooked. Smithfield Company. 162,216; Aug. 28.
Hams, shoulders, bacon, sausage, tongues, dried beef, jowls, butts, and lard. Indianapolis Abattoir Company. 177,380; July 3.
Hams, sugar-cured meats, lard, pork sausage. Boise Butcher Company. 156,775; Jan. 30.
Handkerchiefs. Silberstein, Rosen & Sons, Inc. 166,109; Feb. 6.
Honey. G. Harrison, Jr. 163,664–5; Jan. 9.
Honey. Long Island Packing Co. 180,709; Sept. 25.
Honey. L. R. Nolen. 169,072; Apr. 3.
Honey. Peninsular Honey Producers. 171,194; Dec. 4.
Honey. A. I. Root Company of Texas. 181,698; Oct. 30.
Honey. J. A. Warnecke. 167,665; Feb. 6.
Honey, marmalade, candied fruits, peanut roll, etc. E. A. Wilcox. 169,883; Apr. 24.
Hen and chick scratch, laying mash, dairy and horse feed. Owensboro Milling Co. 170,895; May 1.
Herrings, Salted and pickled. G. Davidson. 171,204; May 22.
Hominy. American Hominy Company. 178,156; Aug. 21.
Horse-radish. R. J. Diekemper. 172,867; Apr. 17.
Horse-radish and mustard, jellies, jams, etc. A. Van Erp. 173,154; June 26.
Ice cream. A. M. Alexander. 166,494; Jan. 16.
Ice cream. P. Arcese. 163,729; Mar. 6.
Ice cream. Beatrice Creamery Company. 182,734; Oct. 30.
Ice cream. Beech-Nut Packing Company. 159,687; Nov. 13.
Ice cream. C. N. Bergmann. 174,651; Nov. 6.
Ice cream. Bridgeman-Russell Co. 177,268; Aug. 28.
Ice cream. Bittersweet Products Corporation. 180,579; Sept. 25.
Ice cream. George K. Brown Co. 164,576; July 17.
Ice cream. Bunkie Ice Company. 185,105; Nov. 27.
Ice cream. City Dairy and Ice Cream Co. 165,229; Mar. 20.
Ice cream. Dryden Corporation. 170,680; Mar. 27.
Ice cream. Erie County Milk Association. 167,237; Feb. 6.
Ice cream. Franklin Ice Cream Company. 178,437; Aug. 21.
Ice cream. Franklin Ice Cream Company. 183,649; Nov. 27.
Ice cream. Goodman American Ice Cream Company. 169,710; Apr. 17.
Ice cream. J. M. Gries. 174,832; June 19.
Ice cream. Hanselman Candy Company. 159,580; Oct. 2.
Ice cream. C. A. Hay. 160,938; Sept. 18.
Ice cream. Hydrox Corporation. 177,783; July 24.
Ice cream. C. C. Madson. 166,396; May 15.
Ice cream. Nissley Creamery Company. 157,726; Jan. 9.
Ice cream. Nissley Creamery Company. 158,995; Mar. 6.
Ice Cream. People's Fuel & Supply Co. 159,176; June 26.
Ice cream. Purity Ice Cream Company. 170,543; Oct. 23.
Ice cream. P. Smolinsky. 166,725; Apr. 3.
Ice Cream. Spokane Bakery Co. 177,054; Aug. 14.
Ice cream. Stuart & Emerson. 168,130; May 22.
Ice cream. United States Foil Company. 164,204; July 31.
Ice cream. Watson & Aven. 169,343; Apr. 3.
Ice cream and butter. Carolina Creamery Co. 149,504; Mar. 20.
Ice cream and frozen confections. Melloyd Co. 166,531; Nov. 6.

Ice cream and frozen-custard biscuit. F. Prestia. 166,468; Feb. 27.
Ice cream and frozen dainties. F. E. Mayol. 165,697; July 3.
Ice-cream bar. C. G. Louda. 163,277; Jan. 9.
Ice-cream bar, Chocolate-covered. Cairo Food Products Company. 163,328; Jan. 9.
Ice cream, butter, ice-cream mix, and condensed milk. Kentwood Ice Manufacturing & Bottling Works, Ltd. 178,444–5; Nov. 6.
Ice cream, Compound of vegetable gums and sugars for use as an ingredient of. Liquid Carbonic Company. 176,485; May 22.
Ice-cream cones. Cone Company of America. 158,819; Aug. 14.
Ice-cream cones. H. L. Goodwin. 165,258; July 3.
Ice-cream cones. Walter J. Hirsch Company. 172,534; May 29.
Ice-cream cones. Kansas City Pure Food Co. 160,887; Oct. 16.
Ice-cream cones. I. Marchiony. 184,971; Oct. 16.
Ice-cream cones and chocolate for lining ice-cream cones, Chocolate-lined. Midland Brokerage Company. 161,788; May 22.
Ice cream cones made of milk chocolate. H. L. Scott. 170,043; Apr. 24.
Ice-cream confection. Frozen Peak Mfg. Co. 166,994; Feb. 20.
Ice-cream confection. C. W. Johnson. 162,879; Feb. 13.
Ice-cream confection. M. Ryerson. 185,723; Dec. 4.
Ice-cream confections. Square Dipper Specialty Company. 171,474; Mar. 27.
Ice-cream confections. Sullivan, Hensley & Ponto. 177,145; July 3.
Ice-cream containers, Edible. Jack Frost Sales Agency. 166,299; Mar. 20.
Ice-cream containers, Edible. F. A. Muscente. 172,758; July 24.
Ice-cream dainties, Frozen. C. Pulliam. 177,572; May 29.
Ice cream, flavored ice, ice-cream bricks, etc. Marchiony Brothers. 157,377; Aug. 14.
Ice cream, Fruit. N. F. Spinelli. 183,170; Dec. 11.
Ice cream inclosed in pastry. G. H. Garnet. 161,251; Apr. 17.
Ice-cream mix. Troy Milk Products Company. 167,742; Feb. 27.
Ice cream, Nongelatinous combination of substances for use in manufacturing. Cherry-Bassett-Winner Company. 166,132; Feb. 20.
Ice cream or analogous filler within, Product consisting of an edible container with. E. J. H. Westphal. 171,146; Apr. 10.
Ice cream or other frozen dainties. Icy Hunni Co. 173,706; June 26.
Ice-cream portion. L. A. Sutermeister. 172,912; July 24.
Ice-cream preparation. W. Klug. 174,696; July 3.
Ice-cream products, Coated. J. E. Zangmaster. 158,352; Aug. 14.
Ice cream, sherbet, ices, and frozen dainties. B. B. Cutrer. 156,188; Mar. 13.
Ice cream, sweetened and plain condensed milk, ice-cream mixes, etc. Dewart Milk Prod. Co. Inc. 169,849; May 1.
Iced confections. Ice Poles, Inc. 164,760; Oct. 2.
Ices, Edible chocolate-lined shell adapted to contain. Polar Food Products Corporation. 181,539; Sept. 11.
Invertase used in making sugar sirups. American Burtonizing Company and Wallerstein Laboratories. 166,340; Mar. 27.
Jams. J. C. Forkner Fig Gardens, Incorporated. 171,071; Aug. 14.
Jams and fruit preserves. N. L. Bennett. 165,478; Feb. 6.
Jams, jellies, and icings. American Syrup Company. 168,192; Feb. 6.
Jams, jellies, marmalades, fruit preserves and butters, candies, etc. Frutrite Products Company. 166,991; Feb. 20.
Jams, preserves, jellies, etc., Fruit. Paul De Laney Co. 175,773; Oct. 16.
Jams, vegetable soup, etc., Dehydrated apricot and peach. Caladero Products Company. 164,695; Mar. 27.
Jellies. Doubrava & Morris. 172,588; Sept. 25.
Jellies. V. P. Kennard. 169,976; Aug. 28.
Jellies. V. P. Kennard. 176,130; July 3.
Jellies and jams, vinegar, honey, etc., Fruit. Grocers Specialty Co. 181,275; Nov. 13.
Jellies, caramel toffees, and other boiled-sugar goods. Walter Robertson & Son Ltd. 167,690; Apr. 24.
Jellies, jams, etc., Powder used in making. Joy-Jel Company. 163,680; Mar. 6.
Jellies, jams, preserves, marmalades, and pickles. C. E. Marvin. 176,198; Aug. 14.
Jelly, apple butter, and fruit preserves. Blanke-Baer Extract & Preserving Company. 163,316; Jan. 30.
Jelly compound, Pure-fruit. C. L. Weston. 182,731; Oct. 16.
Lard. P. S. Arthur. 165,113; Jan. 2.
Lard. Boyd, Lunham & Company. 174,607; June 5.
Lard. E. Godel & Sons. 165,586; Oct. 2.
Lard. E. Kahn's Sons Company. 165,451; Sept. 18.
Lard. Schaffner Brothers Company. 169,930; Sept. 18.
Lard. F. G. Vogt & Sons, Inc. 179,756–7; Sept. 4.
Lard and lard substitutes and compounds. L. Sellmayer. 170,696; Oct. 16.
Lard substitute. Wynne Lard & Provision Co. 170,459; Nov. 20.
Lard substitute. Wynne Lard & Provision Co. 170,461; Nov. 27.
Lard substitute. Wynne Lard & Provision Co. 170,462; Nov. 20.
Lard substitute. Wynne Lard & Provision Co. 170,465; Nov. 20.
Lard substitute and shortening. Southern Cotton Oil Company. 158,062; Mar. 20.
Lard substitute, Vegetable. Cooknut Corporation. 175,650; June 26.
Lard substitute, Vegetable. Cooknut Corporation. 175,651; May 15.
Lard substitutes. Swift and Company. 160,637; Feb. 27.
Lard, vinegar, olives, pickles, sauerkraut, etc. C. Perceval. 169,819; May 1.
Lemons, Fresh. Santa Paula Citrus Fruit Association. 163,701; Jan. 9.
Lemons, Fresh. Santa Paula Citrus Fruit Association. 163,702; Sept. 4.
Lemons, Fresh. Santa Paula Citrus Fruit Association. 163,703; May 8.
Lemons, Fresh. Santa Paula Citrus Fruit Association. 163,704; Jan. 9.
Lemons, Fresh. Corona Foothill Lemon Company. 164,865–6; Feb. 13.
Lettuce and cantaloupes, Fresh. Sawdey & Hunt. 179,884; July 31.
Lettuce, Fresh. Sawdey & Hunt. 179,885; Aug. 28.
Limes and lemons, Fresh. L. A. Strauss. 179,493; Sept. 4.
Lollypops. Popsicle Corporation. 181,614; Sept. 25.
Macaroni. Cella's, Inc. 163,670; Jan. 9.
Macaroni. Fortune Products Company. 181,884; Sept. 25.
Macaroni. F. A. Martoccio Macaroni Co. 175,258; June 19.
Macaroni. Prince Macaroni Mfg. Co. 165,708; Jan. 30.
Macaroni. Peter Rossi & Sons Inc. 170,730; May 8.
Macaroni. Westchester Macaroni Co. 168,741; Mar. 20.
Macaroni. Wisconsin Macaroni Company. 158,205; Dec. 18.
Macaroni and olive oil. Kurtz Brothers. 167,002; Apr. 17.
Macaroni and spaghetti. Red Star Macaroni Co. 167,101; Jan. 23.
Macaroni products. Keystone Macaroni Manufacturing Company. 181,129; Oct. 16.
Macaroni products. Keystone Macaroni Manufacturing Company. 181,130; Oct. 23.
Macaroni products. Keystone Macaroni Manufacturing Company. 181,131–3; Oct. 16.
Macaroni products, canned fruits, vegetables, and fish, evaporated milk, etc. Fontana Food Products Company. 172,872; Apr. 17.
Macaroni, Shell-shaped. Kansas City Macaroni & Importing Co. 177,303; May 29.
Macaroni, spaghetti, and vermicelli. Sussman, Wormser & Co. 167,431; Feb. 6.
Macaroni, spaghetti, macaroni shells, vermicelli, etc. Kansas City Macaroni & Importing Co. 171,325; May 1.
Macaroni, spaghetti, noodles, and short paste stuff. Liberty Macaroni Manufacturing Co. 153,609; Feb. 27.
Macaroni, spaghetti, noodles, etc. Liberty Macaroni Manufacturing Co. 176,745; Sept. 25.
Macaroni, spaghetti, noodles, etc. Randazzo Macaroni Mfg. Co. 156,862; Oct. 16.
Macaroni, spaghetti, vermicelli, etc. Union Macaroni Company. 163,554; Jan. 30.
Malt extract. Chicago Malt Extract Co. 168,754; Apr. 10.
Malt extract. Pacific Malt & Hops Co. 163,001; Oct. 30.
Malt extract. Primalt Products Co. 167,418; Mar. 27.
Malt extract for food purposes. M. A. Hurwitz. 170,777; Mar. 27.
Malt extract for food purposes. L. Stetelman. 178,298; June 12.
Malt extract for food purposes. O. Thoma. 179,240; Sept. 25.
Malt extract, Pure. Pacific Malt & Hop Co. 152,767; Sept. 18.
Malt extracts for food purposes. MalVaz Malt Extract Company. 180,481; Oct. 16.
Maple cream, sirup, sugar, and honey, sauce for ice cream. Maple Grove Candies, Inc. 154,522; Apr. 17.
Marmalade. Florida Products Company. 182,505; Sept. 11.
Marmalade. F. I. Halsey. 180,280; Nov. 13.
Marmalade. B. S. Powell. 183,500; Dec. 25.
Marmalade and jellies. N. A. Twaits. 165,169; Aug. 28.
Marmalade, jams, and preserved fruits. T. K. Mott. 176,850; July 3.
Marmalade, Orange. E. G. Driffill. 165,784; Feb. 13.
Marmalades, Fruit. E. R. Claflin. 177,362; Aug. 21.
Mash, scratch and poultry feed, etc., Laying. Arkadelphia Milling Co. 184,228; Dec. 18.
Masticatories. J. H. Walter. 164,738; May 15.
Matzoths. A. Goodman & Sons, Inc. 162,732; Sept. 4.
Mayonnaise. Atmore and Son, Inc. 172,196; Apr. 10.
Mayonnaise and Thousand Island salad dressing. R. A. Lunsford. 174,087; May 8.

Mayonnaise and Thousand Island salad dressing. I. H. Ragsdale. 176,282; Nov. 27.
Mayonnaise, catchup, Thousand Island dressing, etc. F. M. Casler. 168,755; June 26.
Mayonnaise dressing. H. A. Orthmann. 167,582; Feb. 13.
Mayonnaise dressing. C. Vander Koogh. 145,403; May 8.
Mayonnaise dressing for foodstuffs. Eskay Products Company. 167,230; Mar. 6.
Mayonnaise dressing, jams, and jellies. Tea Rose Corporation. 138,657; Jan. 9.
Mayonnaise dressing, peanut butter, cocoa, etc. Champlain Valley Fruit Co. 178,713; Sept. 25.
Mayonnaise, salad and cooking oil, olive oil, and tartar sauce. J. R. Berger. 180,649; Dec. 11.
Mayonnaise, salad, etc., dressings. J. H. Hargreaves. 170,882; Dec. 25.
Mayonnaise, salads, etc. D. W. Howe. 161,362; May 29.
Meal and grits, horse, cow, and hen feed, etc., Corn. Western Grain Company. 175,117; Aug. 21.
Meal, Steam bone mineral. United Chemical and Organic Products Co. 182,190; Oct. 2.
Meat and meat products. N. Auth Provision Company. 185,282; Dec. 4.
Meat and milk essence, beverage chocolate, pea soup, etc. Food Products Ltd. 176,821; Nov. 13.
Meat extracts. Fred Walker & Co. Proprietary Limited. 162,087; Feb. 6.
Meat loaf, sugar-cured bacon, souse, etc. Virden Packing Company. 164,282; June 5.
Meat pies, dumplings, etc. W. H. Brooks. 167,597; June 5.
Meat products. H. L. Handy. 171,079; Dec. 11.
Meat products. Hygrade Provision Co. 138,568; Apr. 10.
Meat scraps for poultry food. Los Angeles Fertilizer Company. 159,269; July 31.
Meats and meat products. M. Auth Prov. Co. 162,092–3; July 3.
Meats and meat products in general, Packaged. Joseph Stern & Sons, Inc. 156,718; June 26.
Meats, boiled ham, and lard, Smoked. C. Swanston & Son. 187,394; Dec. 25.
Meats, butter, eggs, etc. Allied Packers, Incorporated. 163,309; Nov. 20.
Meats, dried beef, sausage, ham, bacon, lard, and butter, Smoked. Iowa Packing Co. 160,290; May 1.
Meats, fresh sausage, and extract of beef, Smoked and canned. Cudahy Packing Company. 165,782; Jan. 2.
Meats, hams, bacon, etc. Illinois Meat Company. 174,306; Sept. 18.
Meats, poultry, fresh fruits and vegetables, Fresh and smoked. C. Pisner. 174,591; Sept. 11.
Meats, poultry, game, etc., Dressed. D. Klein. 175,872; Sept. 11.
Meats, Preserved. V. Stanisits. 178,148; Dec. 11.
Meats, Smoked. Virden Packing Company. 142,184; May 8.
Meringue and icing powder. R. J. Burgess. 162,536; Nov. 27.
Milk and a powder for making a beverage, Powdered. Empire Food Products Company. 151,358; Apr. 3.
Milk and baby foods, Powdered. Fraser Milk Products Co. 177,480; July 10.
Milk and cream. Beatrice Creamery Company. 175,459; June 19.
Milk and cream, butter, cheese, and ice cream, Fresh. Purity Maid Products Company. 181,775; Dec. 11.
Milk and cream, butter, cheese, eggs, etc., Raw. W. Mellor. 166,082; July 31.
Milk and cream, butter, milk, and cottage cheese, Raw. Kelly-Lester Milk Company. 168,717; June 5.
Milk and cream, Evaporated. W. B. Fair. 166,881–2; Feb. 27.
Milk and cream, Fresh. Hagerstown Dairy Company. 180,598; Nov. 6.
Milk and cream, Fresh. A. M. Richards. 175,372; Mar. 6.
Milk and milk products. Bernese Alps Milk Co. 176,533; Dec. 25.
Milk, Bottled. Kokomo Grocers Dairy Products Company. 168,533; Sept. 11.
Milk, butter. C. J. Davol. 167,714; July 31.
Milk, butter, eggs, and cheese, Raw and pasteurized. H. N. Brawner, jr. 161,349; May 15.
Milk, butter, eggs, and cheese, Raw and pasteurized. H. N. Brawner, jr. 170,739; May 1.
Milk, Canned vegetables, fruit, etc., Evaporated. John Hoffmann & Sons Co. 178,249; Aug. 21.
Milk, Chocolate malted. S. W. Brown Co. 185,556; Dec. 11.
Milk, Condensed. Nestle & Anglo-Swiss Condensed Milk Co. 157,625; Sept. 11.
Milk, Condensed. Nestlé & Anglo-Swiss Condensed Milk Co. 157,629; Sept. 18.
Milk, Condensed and evaporated. Dairymen's League Co-Operative Association, Inc. 178,376; June 12.
Milk, cream, and milk-chocolate drinks, Preserved. Sterling Milk Company. 178,297; Sept. 4.
Milk, cream, buttermilk. Supplee-Wills-Jones Milk Company. 164,457; Oct. 2.
Milk, cream, buttermilk, butter, and cheese. Holstein-Friesian Association of America. 183,973; Dec. 18.
Milk, cream, ice cream, etc. Supplee-Wills-Jones Milk Company. 163,473; Dec. 18.
Milk culture. Lacteal Analytical Laboratories. Inc. 169,767; Mar. 27.
Milk, Dried or desiccated. Adolph Coors Company. 162,668; June 26.
Milk, Evaporated. Defiance Dairy Products Company. 174,129; Oct. 2.
Milk, Evaporated. L. L. Lyons. 175,668; June 19.
Milk, Evaporated. National Dairy Company. 142,994; Mar. 6.
Milk, Evaporated and condensed. Colorado Condensed Milk Co. 178,492; Nov. 13.
Milk, Evaporated skimmed. Valecia Evaporated Milk Co. 185,941; Dec. 11.
Milk, Fermented. Malone Dairy Co. 165,804; Jan. 30.
Milk, Fermented bottled. Lederle Antitoxin Laboratories. 167,136; Mar. 27.
Milk flour, milk paste, milk-chocolate coating, etc. Hershey Brothers. 162,552; Nov. 6.
Milk for bakers and confectioners. International Company. 159,318; Nov. 13.
Milk for use in making beverages, Malted. J. A. Harris. 161,885; Feb. 20.
Milk, Malted. Horlick's Malted Milk Company. 181,526; Oct. 16.
Milk powder, Whole-. Merrell-Soule Company. 174,474; May 8.
Milk, Powdered. International Dry Milk Co. 155,689–91; Apr. 24.
Milk, Powdered. Merrell-Soule Company. 174,146; June 19.
Milling products. Berea Milling Co. 145,933; Apr. 3.
Milk, Raw. Kenwood Dairy Company. 176,082; Dec. 4.
Milk without sugar, Concentrated. Nestlé & Anglo-Swiss Condensed Milk Co. 157,628; Sept. 18.
Mincemeat. Oest Fruit Co. 161,446; Oct. 30.
Mincemeat. Oest Fruit Co. 161,448; Oct. 30.
Mincemeat. T. F. B. Sotham. 172,126; Apr. 10.
Mincemeat, plum pudding, and fig pudding. Charles A. Rauscher & Co. 177,622; Aug. 21.
Mints. H. W. Alexander, jr. 166,802; Mar. 6.
Mints. cream bars, etc., Chocolate-covered. Candy Sales Corporation. 183,361; Oct. 16.
Molasses. Boston Molasses Company. 158,212; Feb. 27.
Molasses. Penick & Ford, Ltd., Incorporated. 170,692; Mar. 27.
Molasses. Wm. Wirt Wickes & Son. 176,930; Aug. 14.
Mush and Philadelphia scrapple, Corn-meal. Colonial Mush Company. 180,964; Dec. 11.
Mushroom paste. A. G. Hupfel, jr. 172,382; May 22.
Mustard, mayonnaise and olive relishes, Prepared. Maryland Packing Co. 160,145; Mar. 27.
Mustard, preserved fruits, jellies, etc. M. Pinkus. 175,733; Nov. 6.
Mustard, tartar, and mayonnaise dressings. A. Julien. 164,595; Feb. 6.
Mustard vinegar, tomato catchup, coffee, etc., Prepared. A. B. Gray. 177,485; July 17.
Mutton, lamb, beef, and tallow. New Zealand Refrigerating Company Limited. 163,371; Jan. 30.
Noodles. C. Foltzer. 166,503; June 26.
Noodles. Weitz & Lefft. 161,949; Apr. 3.
Noodles and alimentary paste products. John B. Canepa Company. 167,166; Feb. 27.
Noodles, vermicelli, and similar paste products. Pfaffmann Egg Noodle Company. 160,633; Nov. 13.
Nut butter. Battle Creek Food Company. 175,057; Aug. 14.
Nut food, Prepared. Battle Creek Food Company. 168,509; Mar. 27.
Nutmeats, Salted. National Nut Products Co. 179,109; July 31.
Nuts. Colonial Novelty Co. 152,740; Feb. 20.
Nuts and candy, Chocolate-coated. O. P. Catsigianis. 172,257; May 8.
Nuts and nut products. United Fig & Date Co. 157,701; July 3.
Nuts and peanut butter. Famo Nut Co. 132,934; Mar. 27.
Nuts and peanut butter. Pedigreed Products Corporation. 176,647; Sept. 18.
Nuts and peanut butter. Pedigreed Products Corporation. 176,648; Sept. 11.
Nuts, Brazil. United Fig & Date Company. 176,298; July 3.
Nuts. Candied and salted. E. Steeves. 163,716; Jan. 9.
Nuts in the shell and shelled, salted and candied nuts, and glace fruit candies. Charles S. Cash, Inc. 163,613; Feb. 6.
Nuts, Shelled. Great Atlantic and Pacific Tea Company. 169,744; Mar. 27.
Oats. E. E. Anderson. 175,835; Nov. 20.
Oats. E. E. Anderson. 175,837; Nov. 20.
Oats and oatmeal, Rolled. Quaker Oats Company. 174,915; June 5.
Oats and wheat flour, Rolled. Quaker Oats Company. 173,531; Nov. 6.
Oats and wheat food, Rolled. Quaker Oats Company. 174,335; June 5.
Oats, coffee, salted peanuts, etc., Rolled. G. E. Bursley & Company. 175,183; July 31.

Oats, corn meal, wheat flour, rye flour, etc., Rolled. Quaker Oats Company. 181,647; Sept. 25.
Oats, Rolled. Quaker Oats Company. 173,983; June 5.
Oats, Rolled. Quaker Oats Company. 174,751; Sept. 4.
Oats, Rolled. Rich Brothers Cereal Company. 174,031; May 15.
Oats, split peas, hominy, farina, etc., Rolled. Albers Bros. Milling Co. 175,753; Sept. 25.
Oil and canned anchovies, Olive. A. Russo. 177,411; May 29.
Oil and canned fruits and vegetables, Olive. Mouquin Restaurant and Wine Company. 176,687; June 19.
Oil and macaroni, Olive. F. Zichello. 186,174; Dec. 25.
Oil, caraway and celery seeds, cocoa butter, etc., Olive. Sun Drug Company. 139,632; Apr. 3.
Oil, Cooking. F. A. Bowles. 171,897; Sept. 18.
Oil, Corn. Bragno & Mustari. 174,817; Aug. 28.
Oil, Cottonseed. Cellas', Inc. 178,090; June 12.
Oil, Cottonseed. Cooknut Corporation. 175,652; May 15.
Oil, Edible. Corn Products Refining Company. 180,272; Oct. 16.
Oil, Edible corn. Corn Products Refining Co. 171,487; May 1.
Oil flavored with olive oil, Vegetable. Strohmeyer & Arpe Company. 166,959; Feb. 20.
Oil for frying, cooking, etc., Cottonseed. Great Atlantic and Pacific Tea Company. 176,106; July 24.
Oil for mayonnaise and salads. Maggioros & Rousos. 180,075; Nov. 6.
Oil for salad and cooking, Vegetable. American Cotton Oil Company. 165,575; Feb. 20.
Oil for salads and cooking. American Cotton Oil Company. 171,520; Apr. 10.
Oil for treating fruit, White mineral. Standard Oil Company (Incorporated in New Jersey). 170,409; Mar. 27.
Oil, Hydrogenated coconut. Best Foods, Inc. 186,688–9; Dec. 25.
Oil, oleomargarine, cooking fats, etc., Cottonseed. Procter and Gamble Company. 177,996; Sept. 18.
Oil, Olive. C. Basilea & Co. 168,912; Feb. 13.
Oil, Olive. Bertini Bros. 166,034; Jan. 16.
Oil, Olive. Briones & Company, Inc. 167,039; May 15.
Oil, Olive. Buenaventura Balcells Vallbona. 135,438; May 22.
Oil, Olive. Campania Importing Company. 155,665; July 24.
Oil, Olive. M. Catalano and Company. 183,639; Dec. 4.
Oil, Olive. Corrado & Marranzini. 164,493; June 5.
Oil, Olive. F. & J. di Palma. 166,878; Mar. 27.
Oil, Olive. European Export Corporation. 185,748; Dec. 11.
Oil, Olive. Flor, Barblan y Rimathe. 180,320; Dec. 4.
Oil, Olive. Hijos de Ybarra. 182,501; Oct. 16.
Oil, Olive. H. Janssen & Co. 167,642; May 29.
Oil, Olive. H. Karlin. 175,497; Aug. 14.
Oil, Olive. H. Karlin. 176,550; July 3.
Oil, Olive. G. Lingua & Co. 165,237; Feb. 13.
Oil, Olive. Mailliard & Schmiedell. 165,801–2; Apr. 24.
Oil, Olive. D. Micheletti. 174,585; July 3.
Oil, Olive. Patrician Olive Oil Corp. 165,460; Feb. 13.
Oil, Olive. C. Perceval. 176,913; July 3.
Oil, Olive. Joseph Petrocelli & Co. 169,181; Sept. 25.
Oil, Olive. Rome Importing Co. 175,580; June 26.
Oil, Olive. F. Romeo & Co. 167,364; Aug. 21.
Oil, Olive. J. H. Savvas. 182,011; Oct. 23.
Oil, Olive. Theodore & Levas. 165,511; Jan. 2.
Oil, Salad. Lebannon Oil Co. 160,416; May 15.
Oil, Salad and cooking. H. E. Havens. 172,738; Apr. 17.
Oil, Salad vegetable. Reliable Importing Company. 172,174; Apr. 10.
Oil, Sesame. Menorah Food Products Co. 183,983; Dec. 25.
Oil, Vegetable. Puget Sound Oil Works, Inc. 140,398; Aug. 21.
Oil, Vegetable salad. Reliable Importing Co. 168,238; Mar. 27.
Oil, Winter-pressed cottonseed salad. A. Gash. 173,819; June 26.
Oils and fats, Edible. American Cotton Oil Company. 178,944; Sept. 4.
Oils, Edible. De Bruyn Limited. 169,125; May 8.
Oils, Edible. Standard Oil Company of New York. 182,487; Oct. 30.
Oils, Edible. Standard Oil Company of New York. 185,321; Dec. 25.
Oils, Edible cottonseed and vegetable. American Cotton Oil Company. 177,812; June 12.
Oils, fats, and combinations thereof, Edible. American Cotton Oil Company. 176,709; Aug. 28.
Oils, macaroon paste, crystallized fruit candies, etc., Salad and cooking. California Prune & Apricot Growers, Inc. 172,932; Aug. 21.
Oils, Olive and salad. Strohmeyer & Arpe Company. 151,237; May 1.
Oils, Salad. Strohmeyer & Arpe Company. 186,089; Dec. 11.
Oleaginous or unctuous food substances, Prepared fatty. Southern Cotton Oil Company. 165,605; Feb. 27.
Oleo, oleo oil, and shortening. Consolidated Rendering Co. 162,723; May 8.
Oleo, oleo oil, and shortening. Consolidated Rendering Company. 175,187; Sept. 18.
Oleomargarine. Glidden Nut Butter Company. 159,506; Feb. 13.
Oleomargarine. Jaburg Brothers, Inc. 176,630; Sept. 11.
Oleomargarine. Morris & Company. 170,443; Mar. 13.
Oleomargarine. Standard Nut Margarine Co. 161,649; Dec. 11.
Oleomargarine. Troco Nut Butter Co. 178,782; Nov. 20.
Oleomargarine, Nut. E. S. Bazley. 171,242; Nov. 13.
Olives. Bolivar Packing Company. 180,835; Aug. 21.
Olives, allspice, savory, mustard, etc. Chas. W. Bauermeister Co. 166,932; May 15.
Olives and olive oil. Wyandotte Olive Growers Association. 162,789; Jan. 16.
Onions. Dingfelder & Balish. 184,604; Nov. 6.
Onions. W. R. Wedrick. 177,941; July 17.
Onions, Fresh. Dingfelder & Balish. 184,659; Dec. 11.
Oranges. Sanger Citrus Ass'n. 168,492; Mar. 6.
Oranges and lemons. James Mills Orchards Corporation. 186,797; Dec. 11.
Oranges and lemons, Fresh. Escondido Citrus Union. 177,369; July 3.
Oranges, bananas, mangoes, jam, etc. W. L. Kann. 182,824; Sept. 18.
Oranges, grapefruit, and citrous fruit. J. M. Knight. 168,848; May 1.
Oranges, grapefruit, tangerines, etc., Fresh. J. C. Lee, sr. 164,815; Jan. 9.
Oranges, grapefruit, tangerines, etc., Fresh. Leesburg Packing House. 164,813; Jan. 9.
Oranges, lemons, and pears. James Mills Orchards Corporation. 186,796; Dec. 11.
Oranges, Preserved. G. B. Raffetto, Inc. 181,412; Sept. 25.
Oysters. S. B. Field. 173,184; May 8.
Oysters. McNasby Oyster Co. 155,269; June 5.
Oysters. J. C. Walker & Bros. 155,848; Mar. 27.
Oysters and clams, cooked lobsters, scallops, etc. J. G. Patton. 101,176; June 5.
Packing-house products. Wilmington Provision Company. 158,808–9; Dec. 4.
Paprika and spices. E. Miltenberg, Inc. 169,407; Apr. 3.
Paprika and spices, Spanish. E. Flores. 174,567; July 24.
Paste products, Alimentary. A. Goodman & Sons, Inc. 169,545; Sept. 11.
Pastes, Alimentary. La Cie. C. H. Catelli, Limited. 166,348; Aug. 14.
Pastries. Py-Et Company. 169,456; Feb. 27.
Pastry. O. Davis and C. R. Ridgway. 163,216; Jan. 30.
Pastry and cakes and macaroon tarts. Victoria Pastry Co. 157,457; Mar. 27.
Pastry, fruit tarts and pies. H. Zincke. 164,847; Jan. 30.
Peaches and figs, Dried. California Peach & Fig Growers. 177,827; Nov. 6.
Peaches and pears, Fresh. Suisun Valley Fruit Growers Ass'n. 169,093; Feb. 27.
Peaches, Fresh. Fruit Haven Farm. 166,053; Dec. 11.
Peanut bar. Taylor Candy Company. 186,034; Dec. 25.
Peanut butter. Kidd and Company. 177,304; Aug. 14.
Peanut butter. Nash Coffee Company. 166,901–2; Jan. 16.
Peanut butter. Newton Tea & Spice Co. 176,090; Nov. 27.
Peanut butter. E. K. Pond Company. 176,427; May 22.
Peanut butter. L. Snow. 177,877; July 24.
Peanut butter. G. Townsend. 167,855; May 8.
Peanut butter and salted peanuts. G. Q. Townsend. 164,280; Feb. 6.
Peanut butter, butter, cereals, coffee, tea, etc. W. H. Johnson. 162,932; Aug. 21.
Peanut butter, olives, mustard, chow relish. Walter J. Hirsch Co. 157,523; Apr. 24.
Peanut jam. Honey Products Co. 173,769; Apr. 24.
Peanuts. Lummis & Co. 102,565–6; Oct. 30.
Peanuts and all kinds of nut meats and nut products. C. A. Coari. 162,917; June 26.
Peanuts and peanut butter, Salted. Davis & Lamb. 163,382; Nov. 13.
Peanuts and peanut butter, Salted. F. M. Hoyt. 171,320; July 3.
Peanuts and salted almonds, Salted. H. D. Sawkins. 173,580; Apr. 24.
Peanuts in the shell. J. E. Clancy. 166,346; Jan. 16.
Peanuts, peanut butter, oil, and meal. Peanut Growers Association. 173,004; July 31.
Peanuts prepared with meat extract. H. G. Craven. 158,815; July 10.
Peanuts, Roasted. Betterton-Rupert Coffee Co. 183,904; Oct. 9.
Peanuts, Roasted and salted. R. J. George. 163,795; May 8.
Peanuts, Salted. Imperial Candy Company. 169,302; Oct. 30.
Peanuts, Sugar-coated. G. J. Bulubassis. 173,590; Sept. 11.
Pears, Fresh. N. E. Dean. 184,602; Oct. 23.
Pears, Fresh. H. Reed. 161,579; Oct. 16.
Pectin. A. Leo. 183,073; Nov. 27.
Pectin, fruit preserves, jelies, etc., containing added pectin, Concentrated fruit. H. L. Hulburt. 169,249; June 26.
Pepper. Peter Rabbit Stores. 167,926; May 15.
Pickles. American Pickle & Canning Company. 172,716; Apr. 17.

Classified list of trade-mark titles—Continued.

Pickles. American Pickle & Canning Company. 172,717; May 8.
Pickles. E. W. Maffitt. 171,371; May 15.
Pickles and canned vegetables. American Pickle & Canning Company. 166,621; May 15.
Pickles and canned vegetables. American Pickle & Canning Company. 172,715; Aug. 14.
Pickles and condiments. Price-Booker Manufacturing Company. 174,100; May 8.
Pickles, catchup, tomato paste, vinegar, mustard, etc. Williams Food Co. 161,603; Feb. 6.
Pickles, Crystallized sweet. L. Curtiss. 165,913; Mar. 27.
Pickles, Sweet. Fa-Mo Company. 167,592; Aug. 14.
Pickles, tomato catchup, cider vinegar, etc., Sweet. California Supply Company. 165,346; Jan. 2.
Pies. J. Kalt, jr. 167,918; Mar. 20.
Pies, cakes, bread, and pastries. C. W. Gosney. 169,757; May 8, 1923.
Pies, dumplings, etc., Meat. W. H. Brooks. 170,806; June 26.
Pies, Lemon-meringue. Sunkist Lemon Pie Company. 178,576; Sept. 18.
Pigeons, squabs, or poultry, Live or dressed. J. M. Pun. 164,720; Feb. 13.
Pimientos, Pickled. Sylmar Packing Corporation. 182,449; Sept. 11.
Pineapple glacé, glacé assorted fruits, and crystallized ginger. Causse Manufacturing & Importing Co. 177,274; July 3.
Pop corn. H. A. Kesting. 182,420; Oct. 16.
Pop corn and other pop-corn confections, Candied. H. R. Blackford. 164,153; Jan. 9.
Pop corn, Candied. Mercier Bros. 175,150; July 3.
Pop-corn confection. Domino Confection Mfg. Co. 153,650; Feb. 20.
Pop-corn confection. Rich-Maid Mfg. Co. 167,328; Mar. 27.
Pop-corn confection. Rich-Maid Mfg. Co. 171,817; Aug. 21.
Popcorn confection. Rich-Maid Mfg. Co. 178,816; June 19.
Pop-corn confection. Edward C. Wagner & Son. 165,650; Mar. 27.
Pop corn, Toasted. J. A. Pardoe Co. 173,671; Dec. 4.
Pork and beans and canned concentrated strained tomatoes. Edward V. Stockham, Inc. 158,689; July 3.
Pork and beans, meat extracts, bouillon cubes, etc. Libby, McNeill & Libby. 159,711; July 31.
Pork products, Smoked. Rohe & Brother. 171,708; Aug. 14.
Potato chips. H. C. Blakely. 168,913; Apr. 3.
Potato chips. Saginaw Potato Chip Company. 165,163; Jan. 2.
Potato chips. J. Zes. 165,107; Feb. 6.
Potato chips and caramels. White Seal Potato Chip Co. 186,452; Nov. 27.
Potato chips, macaroni, egg noodles, and spaghetti. A. Klein. 163,154; Aug. 14.
Potato, Cooked. M. F. Ruffner. 172,442; May 8.
Potatoes. E. D. Askegaard. 175,911; June 19.
Potatoes. C. Hechtman. 169,902; Apr. 10.
Potatoes. E. Kahn. 181,640; Oct. 2.
Potatoes. E. D. McSweeny. 162,755; Jan. 9.
Potatoes. Nix Produce Company. 183,884; Nov. 13.
Potatoes. H. C. Whitehead. 180,915; Dec. 11.
Potatoes and dairy feeds. South Jersey Farmers Exchange. 162,960; Jan. 2.
Potatoes and head lettuce. Johnson, Young & Hamilton. 171,849; July 17.
Potatoes, Fresh. Twin Falls County Potato Growers Inc. 170,103; Mar. 13.
Potatoes, Fresh. A. Worthley. 171,777; June 5.
Potatoes, Irish. Nix Produce Company. 165,300; June 5.
Potatoes, onions, apples, and carrots, Fresh. A. Rosenblum. 171,656; Feb. 20.
Potatoes, Seed. Phillips & Company. 185,644–5; Dec. 11.
Potatoes, Selected sweet. J. P. Brownlee. 156,351; Jan. 2.
Potatoes, Sweet. Alexandria Potato Curing Company. 162,475; Jan. 30.
Potatoes, Sweet. Texas Distributing Company. 184,627; Dec. 25.
Potatoes, Table. Phillips & Company. 185,643; Dec. 11.
Potatoes, Table. Phillips & Company. 185,646; Dec. 11.
Poultry and eggs, Dressed. C. J. Loyd. 175,255; June 5.
Poultry and eggs, Dressed. Seymour Packing Company. 156,927; Jan. 23.
Poultry and eggs, Dressed. Seymour Packing Company. 156,929; Jan. 23.
Poultry and eggs, Dressed. J. A. Shannon & Son. 164,562; Aug. 7.
Poultry and eggs, Live. Estate of Charles J. Fisk. 176,020; Aug. 14.
Poultry and eggs, Live. J. W. Parks. 166,092; Sept. 25.
Poultry and eggs, Live. A. H. Shaw. 157,855; May 1.
Poultry and lard, Dressed. Evansville Packing Company. 171,531; May 1.
Poultry, butter, eggs. H. Snyder. 159,625; Sept. 18.
Poultry, Dressed. Fairmont Creamery Co. 165,674; Jan. 2.
Poultry, Dressed. Seymour Packing Company. 156,926; Jan. 23.
Poultry, Dressed. Seymour Packing Company. 156,928; Jan. 23.
Poultry, Dressed. Seymour Packing Company. 174,925; May 8.
Poultry, Dressed. Swift and Company. 165,096; Jan. 30.
Poultry, Live. E. M. Hobbs. 164,592; Jan. 30.
Powder to be used in the preparation of salad dressing. G. M. Field. 171,158; May 8.
Powder, Whipping. Jos. Middleby, Jr., Inc. 176,199; Sept. 18.
Preparation for use as a frosting, icing, etc. E. E. Curtis. 180,753; Oct. 16.
Preparation made from rice. Vita Rice Products Co. 155,841; May 1.
Preserves, Fruit. Ford & Company. 179,933; Sept. 18.
Pretzels. Moyer Bros. 183,311; Dec. 18.
Pretzels. T. A. Myers. 165,502; Apr. 3.
Pretzels. D. F. Stauffer Biscuit Co. 180,903; Sept. 25.
Pretzels. York Pretzel Bakers. 172,790–1. May 8.
Prunes. Walla Walla Valley Prune Growers Co-Operative Association. 166,697; May 8.
Prunes. J. A. Wayborn. 154,631; May 15.
Prunes, Fresh. W. C. Stone. 166,020; July 3.
Pudding, pie, and layer-cake filling. W. H. Simonson. 169,186; Apr. 10.
Raisin sirup, mincemeat, etc. Sun-Maid Raisin Growers. 172,694; Nov. 20.
Raisins. Hershey Chocolate Company of New York. 158,774; Apr. 17.
Raisins. J. H. Keely. 156,281; Apr. 10.
Raisins. M. Mostovoy. 157,770; May 1.
Raisins. Sun Maid Raisin Growers. 171,108; Nov. 13.
Raisins. J. T. Wetherald. 167,440; Feb. 6.
Raisins and candy. California Associated Raisin Co. 157,758; Aug. 14.
Raisins, Chocolate-coated. S. S. Lee. 164,649; May 1.
Relish or sandwich filler, Vegetable. Clare Food & Relish Company. 182,565; Oct. 30.
Relish or sandwich filler, Vegetable. Schlorer Delicatessen Co. 183,234; Oct. 30.
Relish, piccalilli, Russian and salad dressings, etc., Spiced India. Daintymaid Co. 165,484; Feb. 27.
Relish, Salad. Hirsch Bros. & Co. 176,627; May 22.
Relishes and condiments in the form of dressings and sauces, sandwiches, etc. W. B. Cross. 173,814; Aug. 7.
Relishes, Vegetable. G. J. Easton. 172,149; May 8.
Rennet extract and tablets and lactic-acid ferment. Levring & Company. 178,450; July 24.
Rennet, junket tablets, and lactic ferment. N. Kjaergaard Jensens Tekn. Kem. Fabrik. 154,654; July 3.
Rice. North American Mercantile Co. 176,356; Aug. 21.
Rice. Seaboard Rice Milling Co. 156,603; Nov. 20.
Rice and rice flour. Rosenberg Bros. & Co. 161,062; Dec. 11.
Roast, spaghetti, potted beef, tripe stew, etc., Pot. C. Molinelli. 176,354; July 3.
Rolls and bread. Franco-American Baking Co. 176,401; Aug. 21.
Rolls, Edible. Tristate Baking Co. 169,103; Apr. 3.
Rusk. H. Diederich. 180,110; Sept. 25.
Salad, canned fruits and vegetables, Fruit. California Co-Operative Canneries. 178,222; Dec. 4.
Salad dressing. American Mayonnaise Company. 169,433; Mar. 27.
Salad dressing. Mrs. C. H. Evans. 174,430; June 19.
Salad dressing. M. Germany. 176,119; July 24.
Salad dressing. W. E. Johnson. 158,188; June 19.
Salad dressing. F. L. Kayack. 170,435; Apr. 3.
Salad dressing. Mahoney & Saxton. 163,279; Feb. 6.
Salad dressing. Preserving Mushroom Co. 176,693; June 19.
Salad dressing. C. Weisbecker. 174,349; May 8.
Salad dressing. S. G. Whitsitt. 183,616; Oct. 30.
Salad-dressing and cake-icing powders. Mills Brothers Company. 140,737; Mar. 20.
Salad dressing, filling for sandwiches, etc. Delfine Pure Food Co. 179,588; Sept. 11.
Salad dressing, mayonnaise, tartar sauce, etc. Dainty Maid Company. 150,138; June 5.
Salad dressing, salad and olive oil, vinegar, etc. John Scowcroft & Sons Company. 182,014; Nov. 13.
Salad dressing, vinegar, canned fruits, vegetables, etc. Higgins-Babcock-Hurd Company. 165,134; Mar. 27.
Salad dressings. J. C. Brown. 176,446; June 26.
Salad dressings. M. R. Sanborn. 162,070; Oct. 23.
Salad dressings, mayonnaise dressings, horse-radish relishes, and mustard relishes. Quality Specialty Company. 172,393; June 5.
Salads and sandwiches, Dressing for. Fritz Heim & Son. 168,262; Feb. 20.
Salads, salad dressings, pickles, etc. Barke-Berger Food Products Co. 175,182; Aug. 14.
Sandwich filling. M. B. L. Brown. 161,765; Feb. 13.
Sandwich, Fruit-nut. McCall Groniger Co. 176,414; Dec. 11.
Sandwiches. A. Brooks. 170,469; Nov. 13.
Sandwichlike product. W. D. Kemp. 155,352; Sept. 18.
Sardines. F. H. Fromm. 162,924; June 26.
Sardines. Henriques Brothers Limited. 164,434; Feb. 13.
Sardines in oil. Silveira, Carmo & Companhia. 169,139; June 12.
Sauce, a combination of mushrooms, tomatoes, chicken, and tomato paste. Prince Macaroni Mfg. Co. 175,808; June 26.

Classified list of trade-mark titles—Continued.

Sauce for meat and fish. C. I. Wood. 139,240; May 15.
Sauce, soy, packed miso, etc., Bottled and barreled. Asia Company. 174,163; July 24.
Sauces or sirups. Powder used in making chocolate. Siren Mills Corporation. 176,102; July 24.
Sausage and sausage meat. Keane Provision Co. 175,085; July 3.
Sausage, bacon, lard, and lard compound. E. Kahn's Sons Company. 182,153; Sept. 25.
Sausage, boiled ham, etc. Schaffner Brothers Company. 169,931; July 3.
Sausages. Purity Packing Company. 169,560; Feb. 27.
Sea food. Star Fish & Oyster Co. 174,156; July 3.
Semolina. Star & Crescent Milling Co. 180,308; Sept. 25.
Semolina. W. P. Tanner-Gross & Co. 183,609; Dec. 25.
Semolina. Washburn-Crosby Company. 174,048; Aug. 7.
Semolinas, rices, alimentary pastes, and biscuits. "Cérès" Docks, Minoterie, Semoulerie Pates Alimentaires. 153,385; May 8.
Semolinas, rices, alimentary pastes, biscuits. "Cérès" Docks, Minoterie, Semoulerie, Pates Alimentaires. 153,386; Sept. 4.
Sherbet bars. Coverdale & Bruebaker. 168,633; May 15.
Shortening. Brown Orcola Company. 167,598; Apr. 17.
Shortening. A. Cohen. 147,093; Oct. 16.
Shortening compound. Cudahy Packing Company. 161,031; Feb. 27.
Shortening, lard substitute, Vegetable. Jefferson Co. Inc. 153,551; Apr. 10.
Shortening or fat. Southern Cotton Oil Company. 162,215; Jan. 30.
Shorts, Gray. Midland Flour Milling Co. 169,029; Mar. 20.
Shoulders, hams, lard, and bacon. Urbana Packing Co. 165,219; Jan. 30.
Shrimp, Dried. Blum & Bergeron. 181,167; Sept. 25.
Shrimp, Dried. Blum & Bergeron. 181,168; Oct. 2.
Sirup. Corn Products Refining Company. 178,593–6; Oct. 2.
Sirup. Sethness Company. 174,264; Dec. 18.
Sirup and maple sugar, Table. Welden National Bank. 162,088; Aug. 14.
Sirup and molasses. Dunbar Molasses & Syrup Co. 165,529; Feb. 6.
Sirup and sugar, Maple. Maple Producers' Co-Operative Association, Inc. 175,432; June 19.
Sirup, Bakers'. Adolph Coors Company. 166,591; July 3.
Sirup for beverage purposes, Malt-extract. Pilsner Products Co. 169,420; Jan. 2.
Sirup for food beverages, ice cream, etc., Flavoring. J. F. Hightower. 182,585; Nov. 13.
Sirup for food purposes, Malt. Independent Breweries Company. 178,849; Aug. 21.
Sirup, Grape-flavored. Queen City Extract Company. 163,595; July 3.
Sirup made from cane and maple sugar. Vermont Maple Syrup Company. 166,117; Mar. 6.
Sirup, Malt. W. Graf. 181,443; Oct. 2.
Sirup, Malt. Primalt Products Co. 167,420; Apr. 24.
Sirup, Malt and corn. E. M. Blumenthal. 170,678; Jan. 9.
Sirup, Table. D. B. Scully Syrup Company. 173,786; June 5.
Sirup, Table. A. M. Stouffer. 178,300; Sept. 25.
Sirups and extracts for flavoring food. Walker Bros. Co. 173,261; July 3.
Sirups, compound extract of coca leaves and kola nuts, Compound. W. G. Robbins. 169,257; June 20.
Sirups for food purposes, Malt. Popel-Giller Co. 165,412; Feb. 27.
Sirups, Malt. P. Hauck, jr. 164,432; Jan. 30.
Sirups, Malt. Red Top Malt Extract Co. 164,831; Aug. 28.
Sirups, Table. Hardaway-Cargill Co. 166,830; Feb. 20.
Soup mixture, vegetables, fish, etc, Dehydrated. Anhydrous Food Products Co. 136,346; Apr. 10.
Soups, and preparations for making soups. Oxo, Limited. 157,898; Sept. 25.
Soyer, Curd meat from the. Y. Kin. 131,177; Apr. 24.
Spaghetti. Joseph Campbell Company. 162,606–7; Feb. 6.
Spaghetti and spaghetti sauces. P. A. Caporale. 181,939; Dec. 4.
Spaghetti, cheese, and sauce. Merolla, Ricciardi and Salomone Corporation. 162,842; Jan. 30.
Spaghetti, spaghetti sauces, and cheese. P. A. Caporale. 181,936–8; Nov. 27.
Spices. American Tea & Coffee Co. 141,447; May 15.
Spices. Price Flavoring Extract Company. 169,865–6; Mar. 13.
Spices. Quality Coffee & Tea Co. 162,954; Feb. 20.
Spices, bay leaves, cassia, cinnamon, etc. Hulman & Co. 170,919; Aug. 7.
Spices, birdseed, seasoning herbs, etc. Archibald & Lewis Company. 165,475; June 5.
Spices, coffee, etc. Kaupke Coffee Company. 163,337; Sept. 25.
Spices, flavoring essences for food, extracts, etc. H. A. Tuckett Company. 162,075; June 5.
Spices, peanut butter, honey, etc. Hulman & Co. 170,819; Sept. 18.
Spices, prepared mustard, and prepared mustard cream salad. C. A. Murdock Mfg. Co. 180,879; Dec. 4.
Starch, buckwheat flour, rice flour, and rices, Potato. Holland Food Corporation. 167,616; Mar. 20.
Sugar. American Sugar Refining Company. 177,945; Sept. 11.
Sugar. California and Hawaiian Sugar Refining Corporation. 165,352; Sept. 4.
Sugar. Flamingo Sugar Mills, Inc. 181,687; Oct. 2.
Sugar. A. E. Staley Manufacturing Company. 170,796–8; Mar. 13.
Sugar. Tate & Lyle Limited. 161,707; May 15.
Sugar, Beet, cane, and maple. Union Sugar Company. 178,310; July 24.
Sugar, Corn. Battle Creek Food Company. 175,702; May 15.
Sugar, Corn. A. E. Staley Manufacturing Company. 179,687; Dec. 11.
Sugar, Granulated. Schwabacher Bros. & Co. 177,412; Aug. 28.
Sugar, Icing. J. H. Woodward Company. 155,726; Jan. 9.
Sugar, Malt. Schreiber Products Corporation. 185,498; Dec. 4.
Sugar, Maple. F. M. Pike. 179,883; Oct. 16.
Sugar, Powdered. Richardson & Holland, Inc. 141,399; May 29.
Sugar product used as an ingredient in the manufacture of bread, rice puddings, etc. Ward Baking Company. 170,960–1; Mar. 13.
Sugar, rice, coffee, etc. Netherlands Corporation For Overseas Trade, Inc. 173,525; June 5.
Sugar, rice, pepper, etc. Netherlands Corporation For Overseas Trade, Inc. 173,523; June 5.
Sugar tablets, Flavored. Mills Novelty Company. 175,260; July 3.
Sweet-pickled watermelon rind. G. B. Raffetto, Inc. 169,561; Apr. 3.
Sweets and relishes. E. V. Minetti. 182,217; Dec. 18.
Syrup, Maple. C. W. Treat. 172,021; May 8.
Tablets for food purposes only. J. G. Munsell. 181,765; Dec. 18.
Tablets or cakes, Eatable. A. M. Delmas. 167,557; Sept. 11.
Taffy, Salt-water. Theo. J. Lapres, Inc. 167,777; May 29.
Tamales. E. J. Koppe. 179,154; Sept. 25.
Tamales and enchiladas, Fresh and canned. F. W. Griebnow. 162,403; Oct. 23.
Tamari, vinegar, extract of soy, etc. G. Hamaguchi. 174,434; May 29.
Tankage. E. Kahn's Sons Company. 176,191; Aug. 14
Tapioca. Haas Baruch & Co. 171,317; Apr. 24.
Tea. C & T Importing Company. 171,984; May 15.
Tea. China Products Corporation. 164,745; Jan. 30.
Tea. Delano, Potter & Co. 176,256; May 22.
Tea. Delano, Potter & Company. 183,559; Oct. 9.
Tea. Fantea Company. 178,335; July 17.
Tea. Joannes Bros. Co. 172,743; Apr. 17.
Tea. Kelly, Douglas & Co. 159,755; Mar. 6.
Tea. Lam, Glines & Co. 167,137; Apr. 3.
Tea. Lam, Glines & Co. 167,138; Feb. 20.
Tea. Reid, Murdoch & Co. 183,854–5; Oct. 9.
Tea. Reid, Murdoch & Co. 183,940; Oct. 9.
Tea. Tao Tea Company. 171,292; Aug. 14.
Tea. J. C. Whitney Company. 167,035; Jan. 23.
Tea. Wilson Tea Co. 176,053–4; Aug. 28.
Tea and coffee. Bantam Products Ltd. 179,580; Oct. 16.
Tea and coffee. Midland Grocery Company. 181,346; Aug. 21.
Tea, coffee, canned goods, etc. T. R. Savage Company. 179,963; Oct. 2.
Tea, coffee, rice, and extracts for seasoning foods. T. Masuda. 159,518; May 8.
Teas and spices. Woolson Spice Co. 158,664; Sept. 4.
Teas, coffees, and tea and coffee extracts and substitutes. Societe Anonyme Fabriques de Produits de Chimie Organique de Laire. 174,269; Aug. 14.
Thousand Island and mayonnaise dressings. E. G. Nelson & Son. 174,849; Oct. 2.
Tomato hot sauce, canned vegetables, fruits, and fish. Bayside Canning Company. 165,339; July 3.
Tomato paste. G. Anastopoulos. 162,712; Nov. 13.
Tomato paste. Western Sausage & Provision Co. 179,442; July 31.
Tomato purée, apple butter, canned peaches, etc. Stetson and Ellison Company. 184,150; Nov. 6.
Tomato sauce. Edson Bros. 169,239; Mar. 6.
Tomato sauce and paste, fruit preserves, canned fruits, and vegetables. Brooklyn Heights Canning Company. 164,855; Jan. 30.
Tomatoes, Fresh. N. Goldsmith. 179,664; Sept. 4.
Tomatoes, Fresh. F. E. Mojonnier. 164,935; Feb. 20.
Tomatoes, Fresh. Royal Palm Truckers Association. 165,461; Jan. 2.
Tomatoes, Fresh. Union Celery Company. 166,486; Mar. 6.
Tonic and food for feathered pets. W. Hoffmann. 171,217; Mar. 13.
Tonic and food, Hog. American Stock Food Co. 177,759; Sept. 18.
Tunny fish, tomatoes, tomato sauce, and paste, string beans, etc. Savoy Importing Co., Inc. 163,711; Apr. 24.
Vanilla extract. M. C. Palmer. 170,731; Mar. 27.

Vanilla, Imitation. Cabell Corporation of Baltimore City. 183,194; Nov. 20.
Vanilla materials, Artificial-. Morana, Incorporated. 178,766; Aug. 14.
Vanilla, tomato bouillon, etc., Baker's. Keystone Fruit Products Company. 143,501; Aug. 28.
Vegetable and mineral compound for neutralizing lactic acids in whipping cream and eggs. J. H. Lewis. 175,253; July 3.
Vegetable flavors. Battle Creek Food Company. 175,704; June 19.
Vegetable gums and sugars, Compound. Liquid Carbonic Company. 178,853; Aug. 14.
Vegetable shortening. Best Foods, Inc. 182,198; Sept. 11.
Vegetable shortening. Alberto Vales Company. 185,686; Nov. 13.
Vegetables, citrous fruits, grapes and melons, Fresh. Idaho Producers' Union. 170,685; May 29.
Vegetables, fats, and oils, Edible. G. W. King. 164,111; July 24.
Vegetables, Fresh. Meyer Bros. 164,334; Apr. 24.
Vegetables, Fresh. Osborne Fruit & Vegetable Company. 185,669; Nov. 13.
Vegetables, Fresh. S. Perlmon. 170,597; June 5.
Vegetables, Fresh. Savannah Truckers Exchange. 176,219; Aug. 14.
Vegetables, fruits, etc., Fresh. Withers Brothers. 165,735; Mar. 6.
Vegetables, grapes, and cantaloupes, Fresh. C. A. Brown. 178,216; Aug. 21.
Vinegar. M. A. Gedney Company. 173,826; Aug. 28.
Vinegar. Wayne County Produce Co. 167,441; Mar. 6.
Vinegar, Canned pork and beans, soup, etc., Apple. Hood River Apple Vinegar Co. 147,960; May 8.
Vinegar, Fermented cider. Monroe Cider Vinegar & Fruit Co. 170,149; Mar. 13.
Vinegar, raisins, canned vegetables, fruits, etc. Williamson-Halsell-Frasier Co. 165,323; Nov. 6.
Vinegars. Duffy-Mott Company. 165,068; Sept. 25.
Vinegars. Duffy-Mott Company. 165,070; Jan. 9.
Wafers and crackers. Century Biscuit Co. 166,350; Mar. 20.
Wafers, cookies, biscuits, Sugar. Lakeside Biscuit Co. 182,313; Nov. 20.
Wafers, Sugar. Iten Biscuit Co. 162,740; Jan. 30.
Watermelon, Portions of fresh. F. L. Purvis. 166,711; Feb. 27.
Watermelons. Southwest Georgia Watermelon Growers' Association. 164,673; Jan. 9.
Watermelons. Wm. S. Sweet & Son, Inc. 180,507; Sept. 25
Watermelons. Wm. S. Sweet & Son, Inc. 180,563; Sept. 25.
Watermelons. Texas Farm Bureau Melon Growers' Exchange. 167,152; Apr. 24.
Wheat and a mixture of wheat and bran flour, Rolled. Quaker Oats Company. 170,215; Sept. 25.
Wheat and wheat and bran flour, Rolled. Quaker Oats Company. 170,214; Sept. 18.
Wheat confection, Puffed-. E. F. Allingham Mfg. Co. 172,714; Apr. 17.
Wines. E. Sauza. 163,417; Mar. 13.
Wines and other sparkling wines, Champagne. Societe Vinicole de Champagne. 165,212; Jan. 30.
Yeast. H. G. Holmes. 165,497; Mar. 27.
Yeast aid in the baking of bread. Takamine Laboratory, Inc. 161,286; Aug. 14.
Yeast and vitamine food products. Northwestern Yeast Company. 164,658; Aug. 14.
Yeast cakes. Everlasting Yeast Company. 173,630; May 29.
Yeast cakes for culinary purposes. Reel Products Company. 171,104; May 8.
Yeast cream, Bulgarian. J. Colchagoff. 165,271; Jan. 2.
Yeast food. Ward Baking Company. 173,586; Apr.
Yeast, yeast food of mineral salts and flour, malt extract, etc. Ward Baking Company. 161,661; Jan. 30

CLASS 47.

Wine, Champagne. Societe Vinicole de Champagne. 165,211; Aug. 14.
Wine, Champagne. Societe Vinicole de Champagne. 165,213; Aug. 28.
Wine, Champagne. Societe Vinicole de Champagne 165,214; May 29.
Wine, Champagne. Societe Vinicole de Champagne 165,215; Oct. 2.
Wines. Soc. An. Fsco. Cinzano & Cia. 180,246; Oct. 2.

CLASS 48.

Beer, malt tonic, milk beverages, and malt sirups. San Francisco Breweries, Ltd. 167,367; Feb. 27.
Beverage and malt sirup for making same, Malt or cereal. Crown Brewing Co. 179,032; June 19.
Beverage, Malt. S. Liebmann's Sons, Inc. 175,360; July 10.
Beverages, Alcoholic malt or cereal. Wielands Incorporated. 177,942; Aug. 21.
Malt and hops compound for beverage purposes. A. M. Paulero. 171,948; Jan. 30.
Malt extract. Falstaff Corporation. 161,831; Apr. 3.
Malt extract. R. W. Murray & Co. 174,970; Apr. 10.
Malt extract. P. H. Schwartz. 182,013; Oct. 2.
Malt extract. O. Thoma. 179,241; July 10.
Malt extract and sirup. J. A. Callegari. 184,710; Oct. 30.
Malt extract, Barley-. J. Ruppert. 173,213; May 1.
Malt extracts. Henning Wennersten Incorporated. 173,422; Apr. 3.
Malt extracts. S. Katz. 172,048; Jan. 30.
Malt extracts. J. E. Magnus. 150,363; Oct. 16.
Malt extracts. Malt-Diastase Company. 148,156; Mar. 13.
Malt extracts for beverage purposes, Combination of. H. D. Sterrick. 154,939; July 10.
Malt extracts, Pure. S. Katz. 172,047; June 19.
Malt, Liquor or liquid preparation containing. Coleman and Company. 140,917; Apr. 3.
Sirup and extract, Concentrated malt. Milwaukee Malting & Grain Co. 147,303; June 19.
Sirup and malt cereal beverages sold as a soft drink, Malt. Pabst Corporation. 181,212; Oct. 30.
Sirup and malt cereal beverages sold as a soft drink, Malt. Pabst Corporation. 181,214; Oct. 30.
Sirup for beverage purposes, Malt. P. Ballantine & Sons. 152,881; Oct. 30.
Sirup, Malt. J. D. Childs. 180,419; Oct. 23.
Sirup, Malt. W. Henle. 178,248; June 19.
Sirup, Malt. L. Levy. 137,287; Aug. 28.
Sirup, Malt. W. T. Smoot. 183,674; Nov. 20.
Sirup, Malt. M. Zigelman. 178,083; July 10.

CLASS 49.

Absinthe, brandy, gin, etc. Soc. An. Fsco. Cinzano & Cia. 180,247; Oct. 2.
Whisky, Scotch. Wm. Grant & Sons, Ltd. 177,221–2; Oct. 2.

CLASS 50.

Advertising devices. H. Goldman. 169,014; May 29.
Art objects. Decorative Arts League. 144,853; May 8.
Artists' sets for children. Elephant Studios. 163,622; Dec. 11.
Asbestos mats. Gillen-Cole Co. 171,312; July 3.
Automobile and carriage fabric, Waterproof. F. S. Carr Company. 177,273; May 29.
Automobiles and parts thereof, Service covers for. Riverside Manufacturing Company. 182,611; Nov. 20.
Awnings and tarpaulins. Indianapolis Tent & Awning Company. 172,538; Apr. 3.
Awnings, awning frames, covers, and parts thereof. F. R. Ashley. 173,068; May 8.
Beehives and comb foundations. A. I. Root Co. 128,133; June 5.
Blackboards. G. W. Brooks. 149,884; July 24.
Blackboards and blackboard stands. Weber Costello Co. 182,193; Dec. 25.
Blankets, rubber sheetings, sheet rubber, etc., Offset. Vulcan Proofing Company. 180,156; Aug. 14.
Boots and shoes, Fabricated box toes and box-toe material for use in. Frank W. Whitcher Company. 169,882; Mar. 13.
Bottle caps. American Bottle Cap Co. 151,777; Apr. 3.
Bottle closures. New Process Cork Company. 160,076 June 12.
Bottle crowns. E. M. Blumenthal. 186,100; Dec. 11.
Bottles and jars, Metal caps for. Closure Service Corporation. 181,248; Oct. 23.
Bottles, Crown seals and closures for. Armstrong Cork Company. 164,293; Feb. 20.
Bottles, etc., Crown seals and closures for. Armstrong Cork Company. 164,294; Mar. 13.
Bottles, jars, cans, etc. Screw caps, tops, and covers for. Security Metal Products Co. 183,762; Dec. 4.
Bottles, jars, etc., Caps or closures for. George A. Haynes, Inc. 180,762; July 3.
Bottles, Seals and closures for. Armstrong Cork Company. 164,292; Mar. 27.
Bungs. United States Bung Mfg. Co. 162,909; Apr. 24.
Buttons, Lapel. Supreme Orient O. O. H. & P. 145,596; July 24.
Buttons, shoe ornaments, badges, and emblems. Hinckley Manufacturing Co. 165,552; Apr. 3.
Canvas or other fabric having metal cross strips and roller, Article made of. Rolup Screen Company. 171,511; Sept. 4.
Clothes hangers. Hunger & Hunger. 156,688; Apr. 3.
Clothes racks and hangers. Economy System Co. 174,513; May 22.
Corks. Biertuempfel Bros. Cork Company. 172,076; Mar. 13.
Cotton cloth for use as an acoustical membrane. Johns-Manville, Incorporated. 183,977; Dec. 11.
Covers, Transparent food. Fiber-Glass Food Cover Company. 176,612; Sept. 11.
Crutch, Vegetable. Frost Superior Fence Co. 179,143; Aug. 14.
Cuts, emblems, and collar devices. Military Order of the Cootie. 166,316; Sept. 4.
Decorating outfits. R. F. Johnston Paint Company. 176,631; July 3.
Designs and photographs on glass and metal. Photoplating Company. 166,536; Dec. 18.

Classified list of trade-mark titles—Continued.

Designs and photographs on glass, etc. Photoplating Company. 166,535; Dec. 25.
Dress forms. Gummed Products Company. 182,537; Nov. 27.
Drinking straws. A. Herz. 167,567; June 12.
Electrical switches and lamps, Luminous pendants for use with. Luminite Corporation. 165,876; Mar. 13.
Fabrics of vulcanized sheet gum rubber, Ornamental. Brandon Mills Inc. 182,200; Oct. 30.
Felt. American Hair Felt Co. 173,067; Feb. 27.
Felt piece goods. Tingue, Brown & Co. 173,153; Feb. 27.
Flags, banners, pennants, etc. James W. Brine Company. 172,581; July 24.
Floor mats and runners, Leather. W. J. Reilly. 158,154; Mar. 13.
Fly swatters. U. S. Manufacturing Corporation. 175,686–8; June 5.
Fly swatters and sticky paper. F. W. Hampshire & Co. Ld. 175,490; May 22.
Furniture and furniture-van pads. A. L. Reach. 177,244; May 22.
Furniture moving pads, tents, tarpaulins, and awnings, etc. A. Bruns & Sons. 177,544; July 3.
Furniture, Protecting pad for. Silver Pad Mfg. Co. 170,159; Mar. 13.
Garment hangers. J. A. Shoemaker. 157,640; Mar. 27.
Granite, Monumental blocks of. Phillips & Slack, Inc. 182,548; Sept. 4.
Images, bric-a-brac, statuary, etc. E. M. Viquesney. 170,228; July 17.
Implements for killing and disabling insects, flies, and the like. U. S. Manufacturing Corporation. 172,453; June 5.
Incubators and brooders. Montgomery Ward & Co. 187,144; Dec. 11.
Incubators, brooders, trap nests, etc. Newtown Giant Incubator Corporation. 184,254; Dec. 18.
Insulating felt for use in making built-up roofing, Heat-. Johns-Manville, Incorporated. 169,765; May 1.
Knee rests. J. Novak. 183,402; Dec. 25.
Ladders. Goshen Churn & Ladder Company. 171,315; July 24.
Ladders. Goshen Manufacturing Co. 170,245; Feb. 20.
Ladders. Saginaw Ladder Co. 177,696; Aug. 28.
Ladders and step stools. Goshen Churn & Ladder Company. 171,314; Aug. 7.
Lasts. Schelter Last Company. 168,984; Mar. 13.
Leather and rubber surface cloth. Chemitex Products Company. 174,233; June 5.
Leather, Substitute. Textileather Company. 165,773; Jan 2.
Letters and figures of resilient material, Interchangeable cut-to-shape. Davenport-Taylor Mfg. Company. 175,471; June 5.
Liquids, Permanent foam for protection and preventing evaporation of. Standard Oil Company (Incorporated in New Jersey.) 164,201; Jan. 2.
Mat. Leather flexible door. S. J. Kane. 171,926; May 8.
Metal caps and closures. American Metal Cap Company. 181,628; Oct. 23.
Monuments. Burton Preston & Co. 157,002; May 1.
Mousetraps. Sand Company Inc. 169,227; Mar. 13.
Numbers, changeable window display signs, and sign reflectors, House. C. E. Z. Company. 176,449; May 29.
Ornaments for decorative purposes, Figure. A. R. Jones. 156,744; Jan. 30.
Packages or outfits containing materials for making lamp shades, night lights, etc. Bernard W. Cowen Corp. 166,285–6; Dec. 18.
Paper drinking straws. A. Herz. 176,182; May 1.
Paper drinking straws. New Jersey Paper Tube Company. 175,590; Aug. 28.
Pendants, Luminous. Hart & Hegeman Mfg. Co. 171,419; May 22.
Plaques, Metallic hot-dish. Etched Products Corporation. 176,075; July 24.
Poultry-raising appliances. Watson Manufacturing Company. 115,304; June 19.
Receptacles and containers, Caps and closures for. C. & W. Cap Company. 180,688; Aug. 7.
Rubber mats, waterproofed fabrics, etc. Tetralin Gesellschaft mit beschränkter Haftung. 142,044; May 8.
Rubber matting. Paine & Williams Company. 178,060; July 3.
Rubber rods, sheets, and tubes, Hard-. American Hard Rubber Company. 165,655; Feb. 20.
Rubber sheeting. Holstein Rubber Company. 168,681; Feb. 20.
Rubber sheeting. A. Stein & Company. 183,005; Sept. 4.
Rubberized cloth. Meade Rubber Company. 174,173; Oct. 23.
Rug and carpet holders and materials for same. L. C. Chase & Company. 174,289; June 5.
Rugs, carpets, floor and door mats, etc. Standard Felt Company. 159,627; Nov. 13.
Shadow-casting devices, Animated-. B. H. Scotford. 161,653; Dec. 11.
Sheet material formed from textile material and a binder, Nonmetallic. General Electric Company. 170,524; Mar. 13.
Shoe and slipper trees. James N. Mayhew Co. 182,427; Sept. 4.
Shoe lasts. F. W. Stuart. 163,059; Jan. 30.
Shoe lasts, blind awnings, animal traps, etc. Baltimore Bargain House. 117,793; June 26.
Signs. Brown & Bigelow. 160,745; July 17.
Signs. Thomas Cusack Company. 164,234; Feb. 6.
Signs, Advertising. Cott-a-lap Company. 181,980; Sept. 4.
Signs, advertising boards, and painted board signs, Sheet-metal bill. G. Minck. 169,136; Apr. 10.
Signs for mechanical advertising purposes. H. C. Dawson. 179,033; Aug. 21.
Signs, Metal. Little Giant Company. 170,394; Mar. 13.
Stakes for supporting cooking and other utensils, Camp-fire. Sterling Products Corporation. 165,040; Feb. 20.
Statuettes. Ragbag Sisters Company. 174,638; June 26.
Stepladders. Baker, Hamilton and Pacific Company. 170,352; Aug. 28.
Stepladders. Dayton Safety Ladder Company. 167,605; Mar. 13.
Stereotyping and electroplating, Matrix or dry mat used in. W. B. Wheeler Corporation. 165,840; Feb. 6.
Stereotyping and electroplating, Matrix or dry mat used in. W. B. Wheeler Corporation. 172,309; Feb. 20.
Straws, Soda. New Jersey Paper Tube Company. 156,542; Aug. 14.
Swatters, Fly. Lubbers and Bell Manufacturing Company. 187,325–6. Dec. 11.
Tags. Fogarty Manufacturing Company. 175,783; June 5.
Tapioca preparations. Minute Tapioca Company. 180,546; Dec. 4.
Tea, shelled walnuts, vinegar, and tomato catchup. John Scowcroft & Sons Company. 182,015; Dec. 25.
Tents. Denver Tent and Awning Company. 184,963; Nov. 20.
Tents. G. H. Dial. 187,205; Dec. 11.
Tents. I. S. Purcell. 179,553; Oct. 30.
Tents. H. Wenzel Tent and Duck Co. 183,513; Oct. 30.
Tents, tent flies, tarpaulins, etc. Canvas Products Company. 174,065; July 17.
Tents, tent flies, tarpaulins, etc. Canvas Products Company. 174,068; July 17.
Textile-fabric sheeting coated with compositions. Kenlit Mfg. Co. 152,076; Feb. 27.
Theaters in the nature of an advertising device, Miniature. Animated Miniature Theatre Corp. 175,830; Oct. 23.
Towels, etc., Markers for. A. D. Rostow. 179,013; Aug. 14.
Traps, Animal. V. C. Karda. 167,878; Mar. 13.
Traps, Game. Norwich Wire Works, Inc. 183,848; Dec. 18.
Trunks, Waterproof cloth or fabric which forms the outside covering for. Hartmann Trunk Company. 147,289 June 26.
Vinegar. Seven-O-Co. 184,042; Dec. 4.
Wafers to be used for lining bakers' ware, etc. Johann Schmidt Oblatenfabrik. 165,572; Oct. 23.
Waffles. Orange Mill Company. 181,232; Dec. 25.
Waterproof duck and tarpaulins. Fulton Bag & Cotton Mills. 184,545; Nov. 20.
Waterproof fabrics. Archer Strauss Rubber Company. 170,705; Mar. 13.
Waterproof fabrics. Schwarzwaelder Company. 182,676; Sept. 4.
Waterproofed fabrics in the piece. Nicholson's Raincoat Co. 176,497; July 17.
Waterproofed textiles and fabrics. W. H. Duncan Co. 149,273; Mar. 27.
Yeast. Fleischmann Company. 147,020; Dec. 18.
Yeast extract. J. J. Rick. 187,018; Dec. 25.

ALPHABETICAL LIST OF LABELS REGISTERED.

A. For Fresh Boxed Pears. G. H. Anderson. 26,390; Sept. 18.
A-can-a. For a Can of Tire Patch. V M S Co. 26,037; May 29.
A. F. C. Laces. For Lace Cards. American Fabrics Company. 26,264; July 31.
A Family of Dolls All from One Change-O-Doll and a few extra heads. For Dolls. Change-O-Doll Company. 26,663; Dec. 11.
A Little Of Everything. For Chocolates. Bunte Brothers. 26,367; Sept. 11.
A Mulford Product. For Cartons for Holding Bulbs. Hewett P. Mulford & Co. 26,633; Dec. 4.
A Pale Ginger Ale of Exceptional Quality. For Ginger Ale. Canada Dry Ginger Ale, Inc. 26,473; Oct. 9.
Absorbine. For Healing Antiseptic Liniment for Cuts, Chafes, and Bruises. W. F. Young, Inc. 25,868; Apr. 24.

Alphabetical list of labels registered—Continued.

Absorbine. Jr. The Antiseptic Liniment. For Liniment. W. F. Young, Inc. 26,040; May 29.
Ace High Shampoo Always Wins. For Shampoo. R. I. Paddon. 26,309; Aug. 7.
Aeroplane. For Sweeping Compound. A. W. Mendenhall & Company. 26,240; July 17.
After-Shave. For an After-Shaving Lotion. H. E. Valentin. 26,157; June 26.
After-Shave Laboratories. (See Valentine, Harry E.)
Aines Farm Dairy Co., Kansas City, Mo. Crestwood Farms. For Milk. 26,070; June 12.
Aircraft. For Toilet Tissue Paper. National Paper Products Co. 25,895; May 1.
"Airedale." (For Toilet Tissue Paper.) National Paper Products Co. 25,761; Mar. 27.
Alaskan. For Sugar Wafers. Taggart Baking Company. 26,153; June 26.
Albany. For Blackberries. G. H. Bradt. 26,000; May 29.
Albran. For Cereal Breakfast Food. Kellogg Company. 26,569; Nov. 20.
Alcolotion. For a Preparation for External Use and Application. Cragin Products Co. 26,517; Nov. 13.
Aldea. For Cigars, Cigarettes, and Tobacco. J. Epstein. 26,324; Aug. 14.
"Alice Knick Let her family serve your family." (For Hose.) A. Thompson Co. 25,517; Jan. 30.
Allovit. For Bread. Schafer Bakery, Inc. 26,540; Nov. 13.
"All-Weather Coats." (For Boxes Containing Coats.) Comer Manufacturing Company. 25,685; Mar. 6.
All White Meat. For Canned Bonita Fish. Van Camp Sea Food Company. 26,543; Nov. 13.
Alpine. For Toilet Tissue Paper. National Paper Products Co. 25,890; May 1.
Alucol. For A Medicinal Preparation—Namely, Antacid, Absorbent, Soothing Astringent. Wander Company. 26,651; Dec. 4.
Always Good Any Time—Any Place. For Ginger Snaps. Green & Green Company. 26,557; Nov. 20.
Alyerond. For Overcoats. Little & Golze. 25,838; Apr. 17.
Amberol. For a Liquid Shampoo. Toilet Products "A" Co. 26,355; Sept. 4.
Ambrosia Chicago Best of All Chocolates. For Chocolate. Ambrosia Chocolate Cream Company. 26,507; Nov. 13.
"American Beauty." (For Tin Containers Containing Oysters.) Biloxi Packing & Trading Co. 25,625; Feb. 20.
American Beauty. For Tin Cans Containing Shrimp. Biloxi Packing and Trading Company. 25,925; May 15.
American Dental Emergency Kit. For a Medicated Tooth Filling. H. H. Shapiro. 26,728; Dec. 25.
American Wood Cement Compound. For Semipaste Compound for Filling Defects in Furniture. American Manufacturing Co. 25,993; May 29.
An Art Light Fixture. For Electric-Lighting Fixtures. H. G. Hecker. 25,818; Apr. 10.
Andivista. For Grapes. A. Mattei. 25,977; May 22.
Anestypticide. For a Local Preparation by that name having Anæsthetic, Styptic, and Antiseptic Properties. Dr. L. C. Hess. 26,669; Dec. 11.
"Animal Fair." (For the Cover of a Game Box.) Noble and Noble. 25,637; Feb. 20.
Anodyne Emulsion. For Emulsion. W. E. Wise. 25,924; May 8.
Ant-Roach Powder. For Containers Containing an Insect Exterminator. Ant-Roach Powder Company. 26,364; Sept. 11.
Anti-Fouling Boat Bottom Paint. For Boat Paint. Westcott, Slade and Balcom Company. 25,947; May 15.
Anti-Roach Powder. For Containers Containing a Roach Exterminator. Ant-Roach Powder Company. 26,365; Sept. 11.
Antikocchibacterio. For a Preparation Used in Treatment for Tuberculosis. Mazziotti Corporation. 26,426; Sept. 26.
Antillas. For Canned Lobster. W. Frank. 26,522; Nov. 13.
Antillas Brand Rock Lobster. For Lobster. William Frank & Company. 26,608; Dec. 4.
Antoniadis, Antonio, New York, N. Y. Olio D'Oliva Puro. For Imported Italian Olive Oil. 26,104; June 26.
Apartment. For Toilet Tissue Paper. National Paper Products Co. 25,893; May 1.
Apex Chocolates. For Chocolates. Apex Chocolate Company. 25,994; May 29.
Apricot Sheik. For Soft Beverages of Apricot Flavor. King and Company. 26,689; Dec. 18.
Arabello Bitters. For a Medicinal Preparation—Namely, an Appetizing Digestive Tonic. Kronberger's Laboratories. 26,452; Oct. 2
Arabo. For Coffee. T. N. Koffey Co. 26,526; Nov. 13.
Argonaut. For Toilet Tissue Paper. National Paper Products Co. 25,891; May 1.
Armistice. For Sardines. Universal Importing Company. 26,650; Dec. 4.
Army & Navy. For Liquid Glue. W. E. Kriel. 26,625; Dec. 4.
Arrowhead Shovels, Scoops, Spades. For Shovels, Scoops, and Spades. Union Furnace Manufacturing Company. 26,359; Sept. 4.
Artesia. For Table Water. Pabst Corporation. 26,188; July 10.
"As Soothing as the Tropical Breeze." (For Soap.) Rub-No-More Company. 25,676; Feb. 27.
Ask For The Hirschnet. For a Special One-Piece Folded and Printed Paper Envelope in Which Hirschnet Hair Nets Exclusively are Packed. Hirsch's Hair Bazar Inc. 26,617; Dec. 4.
Asma Relef. For Asthma, Hay Fever, Bronchial and Catarrhal Medicine. W. H. Goodridge. 26,226; July 17.
Assorted Chocolates All cream centers. For Assorted Chocolates. Huyler's. 26,567; Nov. 20.
Assorted Nut Chocolates. For Assorted Nut Chocolates. Huyler's. 26,565; Nov. 20.
Aunt Almira's. For Mayonnaise. Champlain Valley Fruit Co. 26,076; June 12.
Aunt Betty's. For Orange Marmalade. Aunt Betty's Products Co. 26,545; Nov. 20.
Aunt Susan's Famous Homemade Sandwiches. For Sandwiches. Factory Service Company. 26,114; June 26.
Automatic Salesman. For a Machine Vending Packages of Confection. O. A. Williams. 26,159; June 26.
"Auto-Mechanic." (For Hand Soap.) R. H. Buck. 25,746; Mar. 27.
Avalon. For Toilet Tissue Paper. National Paper Products Co. 25,888; May 1.
Avery Red Tag Cultivator Sweep. For Cultivator Sweeps. B. F. Avery & Sons. 26,510; Nov. 13.
"Avona." (For Packages Containing Hair Nets.) Jordan Marsh Company. 25,598–9; Feb. 13.
B & M. For Fish Flakes. Burnham & Morrill Co. 25,873; May 1.
B & M. For Lima Beans. Burnham & Morrill Co. 25,872; May 1.
Baby Comfort Kit. For a Container Holding Articles for the Care of Babies. Miller Rubber Company. 26,277; July 31.
"Baby Knick Let her family serve your family." (For Hose.) A. Thompson Co. 25,520; Jan. 30.
Baby Peggy. For Dolls. Louis Amberg & Son. 26,363; Sept. 11.
Baby's Clothes Tree. For Babies' Clothes Trees. Richard G. Krueger. 26,672; Dec. 11.
Bagpipe Brand Wisconsin Select Early June Early Variety Peas Size 4. For Canned Peas. Beaver Canning Company. 26,717; Dec. 25.
Bainbridge, Mary A., Caldwell, N. J. Myrykle Fruit Balls. For Glass Jars Containing Medicated Fruit Balls Having Laxative Properties. 26,105; June 26.
"Baker's Hygrade." (For Pails and Cartons for Ice Cream.) Menasha Printing and Carton Company. 25,759; Mar. 27.
Balanced. For Bread. D. P. Woolley. 26,213; July 10.
"Bal-Mane." (For Laxative Powders.) P. Schaupner. 25,723; Mar. 13.
Barbers Hair Dressing. For Hair Dressing. V. E. Benedict. 26,657; Dec. 11.
Bardell Fototone Miniatures. For Miniature Post Cards. J. C. Bardell. 26,468; Oct. 9.
"Barley Malt Syrup." (For Barley Malt Sirup.) J. Ruppert. 25,642; Feb. 20.
Bartow Beverages, Inc., Nashville, Tenn. Beverley Club. For Ginger Ale. 26,106; June 26.
"Battery Clips." (For Battery Clips.) Mueller Electric Co. 25,707; Mar. 13.
Beach. For Toilet Tissue Paper. National Paper Products Co. 25,894; May 1.
Beaton Hose. For Hosiery. J. R. Beaton Company. 25,869; May 1.
Beaver Dam Brand Wisconsin Select Sweet June Peas. For Canned Peas. Beaver Canning Company. 26,712; Dec. 25.
Bechtold, Charles, Brooklyn, N. Y. PorceVeneer. For Dental Crowns and Bridges. 26,041; June 5.
Belle Isle. For Canned Tuna. French Sardine Co. 26,555; Nov. 20.
"Ben Bey." (For Cigars.) N. Elson. 25,655; Feb. 27.
Bennington Wax Paper Company, Bennington, Vt. Slip-Sheet Package. For Paper Specialties, and Especially on Wax Paper. 26,042; June 5.
Berber. For Dates. B. K. Marvin. 25,883; May 1.
Bernard, Albert, New York, N. Y. Weebits. For Candies and Confections. 26,071; June 12.
Bernice Guaranteed Perfect Hair Net. For Hair Nets. Ad-Packed Hair Net Co. 25,776–8; Apr. 3.
Bernice Hair Net. For Hair Nets. Ad-Packed Hair Net Co. 25,781; Apr. 3.
Best Brand. For Creamery Butter. A. S. Spiess. 26,587; Nov. 20.
Bestovall. For Metal Polish. Bestovall Co. 25,997; May 29.
Best Yet Lice, Mite & Roach Powder. For Insect Powder. T. A. Hargrave. 25,958; May 22.
"Bestyette." (For Bread.) Dragon Paper Mfg. Co. 25,627; Feb. 20.
Beta-Pine. For Cough Sirup. Beta-Pine Co. 26,658; Dec. 11.
Betsy Ross. For Bread. Menasha Printing and Carton Company. 26,383; Sept. 11.

Alphabetical list of labels registered—Continued.

Better Berries Grown in Santa Margarita Valley Gardens. For Fresh Berries. Santa Margarita Valley Gardens Association. 26,200; July 10.
Betty Brown. For Bread. D. P. Woolley. 26,212; July 10.
"Betty Knick Let her family serve your family." (For Hose.) A. Thompson Co. 25,519; Jan. 30.
Beverley Club For Ginger Ale. Bartow Beverages, Inc. 26,106; June 26.
Bevis. For Salt. Bevis Rock Salt Co. 25,847; Apr. 24.
Big Chef. For Canned Shrimp. H. N. Cook. 25,951; May 22.
Big Mike Suspenders. For Men's Suspenders. Clawson & Wilson Company. 26,444; Oct. 2.
Bilt-E-Z The Boy Builder. For Toy Building Blocks. Scott Manufacturing Company. 26,464; Oct. 2.
"Black Leaf 40" Nicotine Sulphate. For Bottles Containing Nicotine Sulphate for Spraying Purposes. Tobacco By-Products & Chemical Corporation. 26,035; May 29.
Black Monk. For Ice-Cream Cones. Walter J. Hirsch Company. 25,879; May 1.
Black Point. For Fresh Tomatoes. A. T. Pearce. 26,637; Dec. 4.
Black Sambo. For a Children's Game. Noble and Noble. 26,535; Nov. 13.
Blacky. For Cigars. Parodi Cigar Co. 26,096; June 12.
Blair, Jim, Shoe Corporation, St. Joseph, Mo. Jim Blair's Duz Wear Supported Arch Shoe. For Shoes. 26,072; June 12.
Blaisdell Arab. For Lead Pencils. Blaisdell Pencil Company. 26,073; June 12.
Blaisdell Pencil Company, Philadelphia, Pa. Blaisdell Arab. For Lead Pencils. 26,073; June 12.
Blatz Bohemian Malt Syrup. For Malt Sirups. Val. Blatz Brewing Company. 26,282; July 31.
Blendwell Hair Net. For Hair Nets. Ad-Packed Hair Net Co. 25,780; Apr. 3.
Blok-Tite. For Adhesives. Capital Rodewite Company. 26,108; June 26.
"Blue Bird." (For Orange Pekoe Tea.) Blue Bird Tea Co. of Canada, Ltd. 25,745; Mar. 27.
"Blue Bird." (For Tea.) Blue Bird Tea Company of Canada, Limited. 25,729; Mar. 20.
Blue Bird. For Toilet Paper. Interlake Tissue Mills Co. 26,175; July 10.
Bluebirds for Happiness. For Liver Pills. Bluebird Pharmacal Co. 26,439; Oct. 2.
Blue Flag Brand Fancy Crab. For Canned Crabs. N. Tatsukawa. 25,845; Apr. 17.
Blue Diamond Service. For Lime Putty. Blue Diamond Materials Company. 25,998; May 29.
Blue Dot. For Hops. L. M. Hirschler. 26,272; July 31.
Bue Dot. For Malt Sirup. L. M. Hirschler. 26,123; June 26
"Blue Flag" Brand White Meat Tuna. For Canned Tuna Fish. N. Tatsukawa. 26,388; Sept. 11.
Blue Spade Playing Cards. For Playing Cards. S. F. Hanzel. 26,560; Nov. 20.
Blue Wing. For Apples. Touchet Valley Apple Co. 26,590; Nov. 20.
"Bobby Knick Let his family serve your family." (For Hose.) A. Thompson Co. 25,518; Jan. 30.
Bollingers Malted Milk Bread. For Bread. A. J. Bollinger. 26,599; Dec. 4.
Bond Bread. For Bread. E. Frisch. 25,930; May 15.
Bonnie B Talcum. For Talcum Powders. Bonnie-B Co. 25,829; Apr. 17.
"Bootee." (For Felt Boots, Slippers, or Bootees.) Federal Slipper Co. Inc. 25,656; Feb. 27.
Brainard's Little Brown Jug. For Heat-Insulated Liquid Containers. P. H. Brainard. 26,511; Nov. 13.
Bran Candy. For Candy. A. Widdis. 26,595; Nov. 20.
Bran Flakes. For Edible Bran for Human Consumption. Kellogg Company. 25,821; Apr. 10.
"Brano Flakes." (For Cereal Foods.) Kellogg Company. 25,755; Mar. 27.
"Brazil." (For Toilet Paper.) National Paper Products Company. 25,719; Mar. 13.
"Brewer's King." (For Cigars.) P. J. Brewer. 25,526; Feb. 6.
"Bright O'Light Polish." (For Bottles Containing Furniture Polish.) J. Wiesbrodt. 25,744; Mar. 20.
Bromo. For Headache Capsules. N. V. Kroeze. 25,861; Apr. 24.
Brook Hill Water. For Bottled Water and Water Supplied in Other Containers. Harry L. Phillips and Alverda B. Phillips. 26,144; June 26.
"Brooke Bond Tea." (For Packages of Tea.) Brooke Bond & Co., Ltd., of America. 25,730; Mar. 20.
Brown, Edward H., Minneapolis, Minn. Brownies Root Beer. For Root Beer, a Nonintoxicating Beverage. 26,107; June 26.
Brownies Root Beer. For Root Beer, a Nonintoxicating Beverage. E. H. Brown. 26,107; June 26.
Brundage Co., The. (See Menasha Printing and Carton Company, assignor.)
Buck Shot Load. For Loaded Shot Shells. Remington Arms Company. 26,280; July 31.
Buckeye Brand Apples. For Apples. Ohio Fruit Growers Cooperative Association. 26,331; Aug. 14.
Buckeye Brand Peaches. For Peaches. Ohio Fruit Growers Cooperative Association. 26,332; Aug. 14.
Buddy Brooks A Man's Powder for Men. For Containers for Talcum Powder. Buddy Brooks, Inc. 26,074; June 12.
Buddy Brooks, Inc., Marshall, Mich. Buddy Brooks A Man's Powder for Men. For Containers for Talcum Powder. 26,074; June 12.
"Bull-Meat-Brand Flour." (For Barrels, Drums, and Cases Containing a Cereal Product for Use in Making Sausages and Other Meat Products.) B. Heller & Company. 25,540; Feb. 6.
"Bull-Meat-Brand Flour." (For a Carton for Enclosing a Cereal Product for Use in Meat Loaves, Bologna, Frankfort, Pork and Other Sausage. B. Heller & Company. 25,538; Feb. 6.
Bunny Cleaner. For a Water Softener and Washing Powder. M. L. Keagy. 26,180; July 10.
"Bunny Cottontail." (For Infants' Hose.) Hub Hoisery Mills. 25,661; Feb. 27.
Bunte Diana Stuft Confections. For Cans for Containing Candy. Bunte Brothers. 26,661; Dec. 11.
Bunte Fine Hard Candies. For Cans for Containing Candy. Bunte Brothers. 26,660; Dec. 11.
Bunte Licorice Tips. For Candy. Bunte Brothers. 26,443; Oct. 2.
Bunte Pollyanna Chocolates. For Chocolates. Bunte Brothers. 26,547; Nov. 20.
Bunte World Famous Candies. For Cans for Containing Candy. Bunte Brothers. 26,662; Dec. 11.
Burgess 'A' Battery. For Electric Batteries. Burgess Battery Company. 26,164; July 10.
Burro Coffee. For Coffee. B. Fischer & Co. 26,520; Nov. 13.
Buster Bear. For Cake Chocolate. Ideal Cocoa & Chocolate Co. 26,419; Sept. 25.
Butarol Butter Paper. For Butter. Newark Paraffine & Parchment Paper Co. 25,840; Apr. 17.
Butter-Kist. For Pop Corn. Holcomb & Hoke Mfg. Co.
"C and H." (For Cartons for Sugar.) California and Hawaiian Sugar Refining Corporation. 25,527; Feb. 6.
"C and H Pure Cane Sugar Cubelets." (For Cartons for Sugar.) California and Hawaiian Sugar Refining Corporation. 25,681; Mar. 6.
"C and H Pure Cane Sugar Cubelets Extra Hard." (For Cartons for Sugar.) California and Hawaiian Sugar Refining Corporation. 25,682; Mar. 6.
"C and H Pure Cane Sugar Dessert." (For Cartons for Sugar.) California and Hawaiian Sugar Refining Corporation. 26,680; Mar. 6.
"C and H Pure Cane Sugar X X X X Powdered." (For Cartons for Sugar.) California and Hawaiian Sugar Refining Corp. 25,683; Mar. 6.
"C O M." (For Citrate of Magnesia.) H. E. Frees Co. 25,508; Jan. 30.
Calcum Makes Puppies Grow Strong And Healthy. For a Medicinal Preparation for Dogs. R. W. McRoberts. 26,255; July 24.
California Cantaloupe Confection. For a Confection Having Cantaloupes as Its Base or Main Ingredient. E. B. Hutchison. 26,326; Aug. 14.
California Sun-Sweetened Raisins Nuts. For Raisins and Nuts. Park & Son. 26,727; Dec. 25.
"Calistoga Mineral Water." (For Mineral Water.) G. Musante. 25,708; Mar. 13.
Camel. For Battery Solution. Camel Chemical Co. 25,950; May 22.
Camel Malt Syrup. For Malt Sirup. G. D. Lindeman and L. V. Novak. 26,086; June 12.
Camp Fire. For Smoked Meats. Virden Packing Company. 25,923; May 8.
Canada Dry (Imitation of Coat of Arms Against a Background of Blue, Yellow, Pink, and Green Design). For Ginger Ale. Canada Dry Ginger Ale, Inc. 26,475; Oct. 9.
Canada Dry (Imitation of Coat of Arms Against a Blue Background Design.) For Ginger Ale. Canada Dry Ginger Ale, Inc. 26,476; Oct. 9.
Canada Dry (Leaf Design). For Ginger Ale. Canada Dry Ginger Ale, Inc. 26,474; Oct. 9.
Canada Dry (Map Design). For Ginger Ale. Canada Dry Ginger Ale, Inc. 26,472; Oct. 9.
"Canary." (For Oranges and Grape Fruit.) Deland Citrus Growers Ass'n. 25,506; Jan. 30.
Canyon Crest. For Valencias. J. H. Strait & Company. 26,152; June 26.
Capital Rodewite Company, Incorporated, South Washington, Va. Blok-Tite. For Adhesives. 26,108; June 26.
"Capitol." (For Evaporated Milk.) Hillsboro Condensed Milk Company. 25,736; Mar. 20
Capt. Jack's Sand Ship. For Toys—Namely, Miniature Ships. P. J. Barnard. 26,469; Oct. 9.
Captain Kidd. For Peas. Rochelle Canneries, Inc. 26,640; Dec. 4.
"Carlyle House." (For Coffee.) Alexandria Coffee Company. 25,566; Feb. 13.
Carnation Brand Malt Sirup. For Malt Sirup. I. & P. Products Co. 26,373; Sept. 11.
Casalingo. For Tomato Paste. Western Sausage & Provision Co. 26,318; Aug. 7.
"Castrocol." (For a Laxative.) Zagat Inc. 25,771; Mar. 27.

Alphabetical list of labels registered—Continued.

Cedar Creek Crab Meat. For Crab Meat. U. S. Stewart & Bro. 26,465; Oct. 2.
Cedar Creek Steamed Crab. For Steamed Crabs. U. S. Stewart & Bro. 26,151; June 26.
Cellas', Inc., New York, N. Y. Fortunella Pure Cottonseed Oil. For Cottonseed Oil. 26,075; June 12.
"Celry-Fil." (For Tubes of a Specially-Prepared Cheese Paste.) Hansbury Co. 25,509; Jan. 30.
Champion Metal Polish. For a Polish for Silverware. Brassware, and Similar Metal Surfaces. Wm. L. Houghton and Sons. 25,834; Apr. 17.
"Champion Novelty Bag." (For Candy and Toy Bags and Packages.) American Novelty Candy Co. 25,522; Feb. 6.
Champlain Valley Fruit Co. Inc., Burlington, Vt. Aunt Almira's. For Mayonnaise. 26,076; June 12.
"Check-To-Ache." (For Boxes for Medicinal Tablets.) W. C. Powell. 25,753; Mar. 27.
Cheese-Treats. For Cheese. W. Frank. 25,927; May 15.
Cheez-Kloth-Pack. For Cheesecloth. High Grade Mills, Inc. 26,615; Dec. 4.
Che-Rene. For a Carbonated Beverage. Pabst Corporation. 26,141; June 26.
Chex—Does More Than Soap. For Boxes for Soap. Pioneer Products Co. 26,583; Nov. 20.
Chicago Brand-De Luxe. For Ginger Ale. Chicago Beverage Co. 26,514; Nov. 13.
"Chicago Motor Club." (For Cigars.) Mid West Cigar Co. Inc. 25,741; Mar. 20.
Chief Brand, The Universal Hydrated Lime. For Hydrated Lime and Lime Products. Chief Consolidated Mining Co. 26,686; Dec. 18.
Childs Very Best Hair Net. For Hair Nets. Ad-Packed Hair Net Co. 25,772; Apr. 3.
Chilipitine Syrup. For a Compound for Coughs and Colds. B. & B. Chemical Company. 26,220; July 17.
Chocolate Covered Cherries. For a Pasteboard Box Containing an Article of Confectionery. Hopewell Chocolate Company. 25,935; May 15.
Chocolate Covered Sun-Maid Raisins. For Raisins, Chocolate Covered. Elmer Candy Co. 26,006; May 29.
"Cigar Box Label." (For Cigar Boxes.) J. S. Tillman. 25,560; Feb. 6.
Cinco. For an Herb Remedy. C. G. Boyd. 26,471; Oct. 9.
Cinderella. For a Children's Game. Noble and Noble. 26,536; Nov. 13.
Cino Miniature Farm. For Toy Houses, Barns, Outbuildings, Trees, Shrubbery, People, Animals, Poultry, and Other Things Common to a Farm Habitation. Cino Toy Works. 26,600; Dec. 4.
"Cipho-Soda a Pleasant Tasting Saline Combination." (For Cipho-Soda.) A. G. Millican. 25,603; Feb.13.
Circus Sally. For Candy. Circus Sally Company. 26,549; Nov. 20.
"Clean Out D'Zolvent C. O. D." (For a Liquid Chemical to Clean Printers' Material.) E. J. Craig. 25,732; Mar. 20
Cleans and Polishes All-In-One Operation. For a Polish for Autos and Furniture. E. T. Stege. 26,677; Dec. 11.
Cleanse-All. For a Cleansing Preparation Made from Certain Pine Products. Cleanse-All Company. 26,368; Sept. 11.
Cleen-Made. For Alimentary Paste Products, Such as Macaroni. J. P. Weidenhamer. 25,867; Apr. 24.
Clegg's (Representation of an eye) Grow Hair. For Hair Tonic. H. B. Clegg. 26,601; Dec. 4.
"Clio." (For a System Cleanser and Blood Purifier.) W. E. Speight. 25,514; Jan. 30.
Clover Blossom Butter. For Butter. Menasha Printing and Carton Company. 26,381; Sept. 11.
"Clover Brand." (For Corn Sirup.) Joannes Bros. Co. 25,511; Jan. 30.
Clover Club. For Cartons and Packages Containing Ice Cream and Ice-Cream Bricks. J. D. Hodskin. 25,819; April 10.
Clover Dew. For Creamery Butter. Midwest Creamery Co. 26,696; Dec. 18.
"Clover Ice Cream." (For Cartons for Ice Cream.) Menasha Printing and Carton Company. 25,663; Feb. 27.
College Days. For Chocolates. Milwaukee Paper Box Company. 26,580; Nov. 20.
Collegian. For Toilet Tissue Paper. National Paper Products Company. 25,897; May 1.
Colonial Mush. For Corn-Meal Mush. Colonial Mush Company. 26,109; June 26.
Colonial Mush Company, Chicago, Ill. Colonial Mush. For Corn-Meal Mush. 26,109; June 26.
Columbia Graphophone Company, New York, N. Y. Emile Coue's Own Method of Self Mastery. For Phonograph Records. 26,077; June 12.
Columbia Gray Label. For Electric Batteries. National Carbon Company. 25,918; May 8.
"Columbia Hair Cream." (For Bottles Containing Hair Preparation.) Columbia Perfume Co. 25,747; Mar. 27.
Columbia Ignitor Dry Cell. For Electric Batteries. National Carton Company. 25,824; Apr. 10.
"Combeasy." (For Bottles Containing a Preparation to Make the Hair Stay Combed.) T. H. Nell. 25,606; Feb. 13.
Comet. For Golf Balls. Jordan Marsh Company. 25,881; May 1.
"Comet Rice." (For Rice.) Seaboard Rice Milling Company. 25,611; Feb. 13.
Composite reproduction of Ancient Egyptian Art, Egyptian exploration, King Keperu neb Ra Tut Ankh Amen Puzzle Game. For a Parlor Game. G. W. Sheppard. 26,314; Aug. 7.
Composite reproduction of Egyptian Art, XVIII Dynasty, King Tut Ankh Amen Game. For a Parlor Game. G. W. Sheppard. 26,313; Aug. 7.
Connecticut Valley Brand. For Canned Tomatoes. S. Vogel Sons. 26,433; Sept. 25.
"Consumers Cheribim." (For Candy.) Consumers Biscuit Company. 25,529; Feb. 6.
Conte Verde. For Cigars. Parodi Cigar Co. 26,093; June 12.
Cooney's Ink Paste. For Concentrated Ink. F. B. Cooney. 26,267; July 31.
Coopers Sox. For Socks. Cooper Underwear Company. 25,809; Apr 10.
Coopers Sox. For Socks. Cooper Underwear Company. 25,810; Apr. 10.
Copley, The Men's Store Of New England, A Separate Store In A Separate Building. For Men's Stockings and Socks. Jordan Marsh Company. 26,177; July 10.
Copley, The Men's Store Of New England, A Separate Store In A Separate Building. For Men's Sweaters. Jordan Marsh Company. 26,179; July 10.
Copley, The Men's Store of New England, A Separate Store In A Separate Building. For Men's Vests. Jordan Marsh Company. 26,178; July 10.
Copley, The Store For Men A Separate Store In A Separate Building. For Men's Coats. Jordan Marsh Company. 26,251; July 24.
Copley, The Store For Men A Separate Store In A Separate Building. For Men's Overcoats. Jordan Marsh Company. 26,250; July 24.
Corona Del Java. For Cigars. A. C. Henschel & Co. 25,933; May 15.
"Cortland." (For Toilet Paper.) National Paper Products Company. 25,713; Mar. 13.
"Country Maid." (For Cartons for Butter.) Menasha Printing and Carton Company. 25,757; Mar. 27.
Cove Dale. For Eggs. John V. Kisker & Co. 25,966; May 22.
"Cozy Corner Candies." (For Candies.) B. E. Chase. 25,731; Mar. 20.
Cracker Jack. For Carbonated Beverages. Cracker Jack Co. 26,406; Sept. 25.
"Crane Assortment." (For Assortments of Small Bristle Brushes.) Rennous-Kleinle Division. 25,640; Feb. 20.
Creme Ventura. For Vanishing Cream. A. J. Krank. 26,412; Sept. 25.
Crestwood Farms. For Milk. Aines Farm Dairy Co. 26,070; June 12.
Crisp-O-Lite. For Crackers. Hoyt's Consumers Cracker & Biscuit Corporation. 26,620; Dec. 4.
"Criterion." (For Cleaning and Polishing Materials.) W. H. Phelps. 25,674; Feb. 27.
Crocus. For A Box of Crocus Bulbs. New Amsterdam Bulb Co. 26,091; June 12.
Cross, Fred W., & Co., Binghamton, N. Y. New Luster Furniture Polish. For Liquid Polishing Substance. 26,110; June 26.
Cuban Prize. For Cigars. Ginsburg Cigar Company. 25,795; Apr. 3.
"Cum Clean Soap." (For a Can Containing Soap.) M. E. Lott. 25,739; Mar. 20.
Curiosity Box. For Dried Fruits. D. K. Gibbs. 25,877; May 1.
Cottage Creamery Co., The. (See Menasha Printing and Carton Company, assignor.)
Cut-To-Fit-The-Mouth. For Candy. James Brothers. 26,126; June 26.
Camel Malt Syrup Company. (See Lindeman, G. D., and Novak.)
"D & C Self-Raising Flour." (For Packages Containing Self-Rising Flour for Biscuits, Cakes, and Pastry.) D & C Co. Inc. 25,476; Jan. 23.
D. P. Hair Net. For Hair Nets. Ad-Packed Hair Net Co. 25,784; Apr. 3.
Dairylea Condensed Milk. For Condensed Milk. Dairymen's League Co-Operative Association, Inc. 25,907; May 8.
Dairylea Evaporated Milk. For Evaporated Milk. Dairymen's League Co-Operative Association, Inc. 25,906; May 8.
Daisy. For Bread. Lily Baking Company. 25,882; May 1.
"Dakota Gold." (For Cartons for Containing Butter.) Menasha Printing and Carton Company. 25,705; Mar. 13.
Dan W. Hershey's Famous Special Dressing For All Kinds of Salads. For Salad Dressing. D. W. Hershey. 25,878; May 1.
Dance Series No. 1. For Talking-Machine Sound Records. National Music Lovers, Inc. 26,184; July 10.
Dandrfall. For Hair Tonic. F. Russo. 26,676; Dec. 11.
Danya. For Rouge Vanishing Cream. Danya, Inc. 26,341; Sept. 4.

Alphabetical list of labels registered—Continued.

Daveylac. For Shellac for Trees. Davey Tree Expert Company. 26,285; Aug. 7.
Davis-Cleaver Produce Company, Quincy, Ill. Ferndale. For Butter. 26,111; June 26.
Dayly Bread. For Bread. Package Paper & Supply Corporation. 26,190; July 10.
"Defenders of the Flag." (For the Cover of a Game Box.) Noble and Noble. 25,636; Feb. 20.
"Delicious Sweet Bits." (For Boxes Containing Candy.) Milwaukee Paper Box Company. 25,604; Feb. 13.
Dello Ink. For Containers Holding Ink. Dello Ink Corp. 26,112; June 26.
Dello Ink Corporation, New York, N. Y. Dello Ink. For Containers Holding Ink. 26,112; June 26.
Del-Rose. For Lobsters. Central Brokerage Company. 26,513; Nov. 13.
Delta. For Fresh Pears. J. F. Elliot. 26,478; Oct. 9.
"Delta." (For Pickles.) American Pickle & Canning Company. 25,525; Feb. 6.
De Luxe. For Canned Peas. Hayes & Co. 26,122; June 26.
"De Luxe." (For Funnels.) Schlueter Manufacturing Co. 25,610; Feb. 13.
Dependable. For Coffee. Dwight Edwards Company. 26,268; July 31.
"De Robertis' Spumoni Ice-Cream." (For Ice-Cream.) De Robertis' Spumoni Ice Cream Co. 25,477; Jan. 23.
Derryvale. For Irish Linen. Derryvale Linen Co. 25,811; Apr. 10.
Desert Remedy. For Ephedra Nevadensis. Desert Remedy Company. 26,604; Dec. 4.
Dewey's Big Havana. For Cigars. Hudson Cigar Company. 25,960; May 22.
Dickinson's Evergreen. For Grass Seed. Albert Dickinson Company. 26,719; Dec. 25.
Dinner Time. For Sliced Hawaiian Pineapple. Symons-Moffett Co. 25,990; May 22.
Dixie Cups. For Drinking Cups. Individual Drinking Cup Company. 26,345; Sept. 4.
Dixie Rose. For Hair Nets. G. D. Milligan Company. 26,504; Oct. 30.
Dixie Rose. For Hosiery. G. D. Milligan Company. 26,632; Dec. 4.
"Doll Cut-Out Crepe." (For Toilet Paper.) Fort Howard Paper Company. 25,533; Feb. 6.
"Doll Cut-Out Crepe." (For Toilet Paper.) Fort Howard Paper Company. 25,534; Feb. 6.
Don Julian Tampa Whiffs. For Cans and Baxes Containing Cigars. Gradiaz, Annis & Co. 26,170; July 10.
"Don't Tell Your Age." (For Corsets.) American Lady Corset Company. 25,697; Mar. 13.
Doppel Braü Beer. For Beer. Pabst Corporation. 26,726; Dec. 25.
Dora-Dee. For Silk Hosiery for Women. Hansen Hosiery House. 26,613; Dec. 4.
Dorr's Vim Cleaning Compound. For a Cleaning Compound. C. Dorr. 26,446; Oct. 2.
Double V Fold. For Bias-Seam Tape and Bias-Seam Binding. Economy Bias Binding Co. 25,832; Apr. 17.
"Douch-Ese." (For Cans and Bottles Containing Douch-Ese, an Antiseptic Preparation.) W. Verrier. 25,696; Mar. 6.
Dr. Beck's Lasses Dreams. For Molasses Candy. C. M. Beck Company. 2,438; Oct. 2.
Dr. Lawton's Automatic Waistline Reducer. For Surgical Appliances. T. Lawton. 26,236; July 17.
Dr. A. Peters' Tuberosum Pyorrhea Remedy. For Bottles Containing the Liquid. Tuberosum Pyorrhea Co. 26,205; July 10.
"Dr. Rookledge's Shu-Bright." (For Shoe Polish.) P. L. Rookledge. 25,675; Feb. 27.
"Dr. White's Antiseptic Female Cones." (For Boxes Containing Cones or Suppositories for Antiseptic Use.) First National Laboratories. 25,577; Feb. 13.
"Dr. White's Aseptagina." (For Packages and Boxes Containing an Antiseptic Powder.) First National Laboratories. 25,576; Feb. 13.
"Dr. White's Cold and Grippe Pills." (For Boxes Containing Pills for the Relief of Colds and Grippe. First National Laboratories. 25,578; Feb. 13.
"Dr. R. Wilkinson's Haemogenic Tablets." (For Tablets for the Treatment of Anaemia, Chlorosis, General Debility, and Disease Depending upon a Disordered Condition of the Blood.) Bertjardi Medicine Co. 25,475; Jan. 23.
Drake Brand. For Apples. Earl Fruit Co. of the Northwest. 26,447; Oct. 2.
Drano. For a Chemical for Cleansing Drains, Sinks, Washbowls, Bathtubs, Flush Bowls, Traps, Toilet Bowls, Stationary Washtubs, Waste Pipes, and Lavatories. Drackett Chemical Company. 25,875; May 1.
Dromedary Coconut. For Packaged Coconut. Hills Brothers Company. 26,344; Sept. 4.
Drum's. For Malt Extract. H. F. Drummond. 25,793; Apr. 3.
Dunham's Shampoo. For Shampoo for Cleansing and Soothing the Scalp. G. A Dunham. 25,952; May 22.
Dutch Maid. For Old-Fashioned Bittersweets. Milwaukee Paper Box Company. 26,697; Dec. 18.
Dwarfies. For Breakfast Food. Pokodot Cereal Company. 26,146; June 26.
"Dyspeptol." (For Bottles Containing a Tonic for the Relief of Indigestion, Heartburn, and Dyspepsia.) Dyspeptol Remedy Company. 25,686; Mar. 6.
Eagle. For White Lead. Eagle-Picher Lead Company. 26,078; June 12.
Eagle-Picher Lead Company, The, Cincinnati, Ohio. Eagle. For White Lead. 26,078; June 12.
"Easton's Vegonnaise." (For Vegonnaise, a Food Preparation Made of Vegetables, Eggs, Oil, Vinegar, Spices, and Salt.) Gilbert J. Easton, Inc. 25,733; Mar. 20.
Eatem. For Dates Stuffed with Nuts. H. C. Edwards. 26,043; June 5.
Edgemonte. For Boxes Containing Assorted Chocolates. Milwaukee Paper Box Company. 26,458; Oct. 2.
Edwards, Henry C., also doing business as Imperial Fruit Products Co., Los Angeles, Calif. Eatem. For Dates Stuffed with Nuts. 26,043; June 5.
Eggs. For Poultry Products. Long Island Poultry Association. 26,273; July 31.
Egyptian Flower Scent Bags. For Boxes of Sachet. M. E. Miller. 25,978; May 22.
El Contento. For Coffee. Quality Coffee & Tea Co. 26,675; Dec. 11.
Eleise Toy Furniture 'You Build It' Instructive—Educational—Entertaining. For Sets of Toy Furniture. C. J. Kern. 25,859; Apr. 24.
Eline's Pure Milk Chocolate Boats—Buy them for the children. For Chocolate. Eline's Incorporated. 26,605; Dec. 4.
Eline's Pure Milk Chocolate Boats 5¢. For Chocolate. Eline's Incorporated. 26,606; Dec. 4.
Elite. For Cigars. A. Sima. 26,354; Sept. 4.
Elmdale. For Butter. H. C. Christians Co. 25,831; Apr. 17.
Elmwood Club. For Coffee. Thomas J. Webb Company. 26,731; Dec. 25.
El Pareson. For Cigars, Cigarettes, and Tobacco. Elias Paredes & Son. 25,985; May 22.
"El Portal." (For Toilet Paper.) National Paper Products Company. 25,714; Mar. 13.
Emblems of Distinction. For Emblems and Badges. E. L. Logee Company. 26,455; Oct. 2.
Emerson Drug Co., Baltimore, Md. Emerson's Ginger-Mint Julep. For a Nonalcoholic Beverage and Sirups and Concentrates for Use in said Beverage. 26,044; June 5.
Emerson's Ginger-Mint Julep. For a Nonalcoholic Beverage and Sirups and Concentrates for Use in Said Beverage. Emerson Drug Co. 26,044; June 5.
Emile Coue's Own Method of Self Mastery. For Phonograph Records. Columbia Graphophone Company. 26,077; June 12.
English, Geo., Jr., & Co., Shamokin, Pa. Fashunfit. For Union Suits. 26,113; June 26.
"Eveready." (For Sport Coats.) Eclipse Mills Company Inc. 25,575; Feb. 13.
Eveready Radio 'A' Battery. For Electric Batteries. National Carbon Company. 25,802; Apr. 3.
Eveready Radio "A" Battery. For Electric Batteries. National Carbon Company. 25,917; May 8.
Eveready Radio B Battery. For Electric Batteries. National Carbon Company. 25,839; Apr. 17.
Eveready Radio "B" Battery. For Electric Batteries. National Carbon Company. 26,241; July 17.
Eveready "Three" Radio Battery. For Electric Batteries. National Carbon Company. 26,308; Aug. 7.
Everstyle. For Hosiery. Milwaukee Paper Box Company. 26,579; Nov. 20.
Everwear Hosiery. For Hosiery. Milwaukee Paper Box Company. 26,031; May 29.
Every Day. For Hair Nets. West Electric Hair Curler Company. 26,069; June 5.
"Every Meal Brand Apple Butter." (For Apple Butter.) J. M. Smucker Co. 25,765; Mar. 27.
Every Sip Is Delicious. For Coffee. Levering Coffee Company. 26,129; June 26.
"Excel." (For Tomatoes.) Universal Wholesale Grocery Co. 25,562; Feb. 6.
Exeter. For Fresh Grapes. Exeter Orange Growers Association. 26,551; Nov. 20.
Exeter. For Oranges. Exeter Orange Growers Association. 26,552; Nov. 20.
Extra Dry (with a representation of a Peacock.) For Ginger Ale. Weisbrod & Hess Brewing Company. 26,682; Dec. 11.
Extra Fine. For Bread. D. P. Woolley. 26,215; July 10.
Eye Opener. For Candy. Anthony Candy Company. 26,508; Nov. 13.
"E-Z Shine Polish." (For a Polish for Silver, Gold, Brass, and Glass.) E. A. Hallam. 25,752; Mar. 27.
F H M Ever Ease Preparation. For a Massaging Preparation. F. H. Menge. 26,574; Nov. 20.
Factory Service Company, New York, N. Y. Aunt Susan's Famous Homemade Sandwiches. For Sandwiches. 26,114; June 26.
Fairy Sweets Adonis Candies. For Candies. Paul Freund Inc. 26,610; Dec. 4.
"Faithful." (For Toilet Paper.) National Paper Products Company. 25,717; Mar. 13.

Alphabetical list of labels registered—Continued.

"Fam'ly Cake." (For Cake.) W. Freihofer. 25,629; Feb. 20.
Famous Brand Hair Net. For Hair Nets. Ad-Packed Hair Net Co. 25,775; Apr. 3.
Fangerine. For Laxative and Corrective Preparations. Gotham Corporation. 25,797; Apr. 3;
Fashionable. For Hair Nets. A. Klar. 26,450; Oct. 2.
Fashion-Bilt Clothes. For Men's Garments. Lieberman & Star Co. 26,528; Nov. 13.
Fashunfit. For Union Suits. Geo. English Jr. & Co. 26,113; June 26.
"Father Knick Let his family serve your family." (For Hose.) A. Thompson Co. 25,515; Jan. 30.
"Faultless." (For Hosiery.) Wolf Brothers & Company. 25,565; Feb. 6.
Ferndale. For Butter. Davis-Cleaver Produce Company. 26,111; June 26.
"Ferry." (For Canned Apricots.) Wirden Packing Company. 25,620. Feb. 13.
"F. Hubacher's Nature Salve." (For Containers for the Salve Aforesaid.) F. Hubacher. 25,753; Mar. 27.
"Fifty-Fifty." (For a Nonalcoholic Maltless Beverage.) Easton Orange Juice Company. 25,530; Feb. 6.
Finetex. For Bread. D. P. Woolley. 26,219; July 10.
"Firmtex." (For Canned Sardines.) Funsten & Gross. 25,535; Feb. 6.
Flash Light. For Furniture Polish. William Manheim Marlowe & Son. 26,530; Nov. 13.
Fleur De Lis. For Sulphur. Kutner-Goldstein Co. 26,374; Sept. 11.
Flexo, Bar Belt Dressing, Preservative For All Kinds Of Belts. For A Belt Dressing. Flexo Company. 26,521; Nov. 13.
Flexo The Original Life Giving Belt Treatment High Strength Combination of Tannage Oils. For Dressing Oils Suitable for Softening and Preserving Articles of Leather and Similar Substances. Flexo Company. 25,876; May 1.
"Floralo Incense." (For Boxes Containing Incense.) Karnak Studios. 25,738; Mar. 20.
Flor de Mehlhop. For Cigars. J. Kerns. 26,028; May 29.
Flory's Blendwell Hair Net. For Hair Nets. Ad-Packed Hair Net Co. 25,786; Apr. 3.
Flostik Minute-Dry Golf Ball Renewer. For Paint. Flostik Company. 25,909; May 8.
Flower Garcia. For Cigars. M. & D. Dastin. 26,369; Sept. 11.
"Fontana's." (For Macaroni.) Fontana Food Products Company. 25,532; Feb. 6.
"Fortune." (For Macaroni.) Fortune Products Company. 25,484; Jan. 23.
"Fortune." (For Spaghetti). Fortune Products Company. 15,485; Jan. 23.
"Fortune." (For Vermicelli.) Fortune Products Company. 25,483; Jan. 23.
Fortune Shells. For Macaroni. Fortune Products Company. 26,166; July 10.
Fortunella Pure Cottonseed Oil. For Cottonseed Oil. Cellas', Inc. 26,075; June 12.
Foursome-Match Score Card. For Friction Matches. R. L. Combs. 26,003; May 29.
Frank's Quality Sauerkraut. For Canned Sauerkraut. Frank Pure Food Company. 26,371; Sept. 11.
"Freeman's Butter." (For Cartons for Butter.) Menasha Printing and Carton Company. 25,664; Feb. 27.
Freeman's Dust Absorber. For a Preparation for Absorbing Dust from Polished Surfaces. Freeman Dust Absorber Mfg. Co. 26,009; May 29.
Freihofer's Fine Bread. For Bread. Wm. Freihofer Baking Co., 25,955; May 22.
"French Breakfast." (For Coffee.) Joannes Bros. Co. 25,513; Jan. 30.
Fresh Eggs. For Eggs. Menasha Printing and Carton Company. 26,573; Nov. 20.
Freund, Freund & Company, New York, N. Y. Slovaka Nankin. For Nankins. 26,045; June 5.
Frigid Fruits. For Frozen Candy Confection. Frigid Fruits Corporation. 25,929; May 15.
"From the Shops of The Cap Crafters." (For Boxes Containing Men's Hats and Caps.) Chas. S. Merton & Co. 25,668; Feb. 27.
Fruit-Kist. For Lip Sticks. Mynuette Company. 26,352; Sept. 4.
Ft. Smith Maid. For Butter. Menasha Printing and Carton Company. 26,307; Aug. 7.
"Fun." (For Toys.) Candy-Toy Company of America.) 25,626; Feb. 20.
1000 Funny Faces. For Toy Puzzles. M. W. Sanders. 26,641; Dec. 4.
"G. and G." (For Sarsaparilla.) G. & G. Bottling Co. 25,652; Feb. 27.
G. W. Five Circuit Switch Plug. For Electrical Plugs. G. E. Walker Company. 26,593; Nov. 20.
Game of Alice in Wonderland. For a Children's Game. Noble and Noble. 26,537; Nov. 13.
Game Of Alice In Wonderland. For the Cover of the Game Box. Noble and Noble. 26,486; Oct. 9.
Game Of Black Sambo. For a Box Containing a Game. Stoll & Edwards Co. 26,488; Oct. 9.
Game of Cinderella. For the Cover of the Game Box. Noble and Noble. 26,485; Oct. 9.
Game of Treasure Island. For the Cover of the Game Box. Noble and Noble. 26,484; Oct. 9.
Garden Sweets Rose Scent Bags. For Boxes of Sachet. M. E. Miller. 25,823; Apr. 10.
Gentry's High-Grade Chili Powder. For Chili Powder. C. B. Gentry Chili Powder Co. 25,956; May 22.
Genuine Philippine Repp Originated 1915. For Philippine Repp Cloth. G. E. and L. Milius. 26,090; June 12.
Genuine Ra-Der-Mo Complexion Cream. For Complexion Cream. J. Farrelly. 26,502; Oct. 30.
Germex. For Germicidal Cleansing and Polishing Materials, Cleveland Chemical Corporation. 25,874; May 1.
"Gifties." (For Jewelry.) W. A. Phillips. 25,500; Jan. 23.
Glacier Kaps. For Fancy Cakes. Hoyt's Consumers Cracker & Biscuit Corporation. 26,410; Sept. 25.
Gladice. For Writing Tablets. Kalamazoo Stationery Co. 26,622; Dec. 4.
Glasbake Guaranteed Glass Cooking Ware Juvenile Set Our "Betty Jane" Set. For Glass Cooking Dishes for Children's Use. McKee Glass Company. 26,628; Dec. 4.
Glynco Brand Shrimp. For Canned Shrimp. Glynn Canning Company. 26,169; July 10.
Glenco Dustaway. For Mops. Glenco Products Company. 25,816; Apr. 10.
Glen's. For Liver Capsules. G. S. Johnson. 26,025; May 29.
Goblin. For Toilet Tissue Paper. National Paper Products Company. 25,899; May 1.
Gold Chain Hair Net. For Hair Nets. Ad-Packed Hair Net Co. 25,788; Apr. 3.
Gold Medal Brand. For Pancake Flour. Richardson Company. 26,311; Aug. 7.
Gold Medal Buckwheat and Wheat Flour. For Buckwheat and Wheat Flour. France Milling Company. 26,479; Oct. 9.
"Gold Peep." (For Pickles.) American Pickle & Canning Company. 25,523; Feb. 6.
Gold Seal Malt Extract. For Cans Containing Malt Extract. J. J. Haupt. 25,833; Apr. 17.
Golden. For Toilet Tissue Paper. National Paper Products Co. 25,896; May 1.
Golden. For Zwieback. Manchester Biscuit Company. 26,529; Nov. 13.
Golden Cal. For Canned Asparagus. Mailliard & Schmiedell. 26,275; July 31.
Golden Cal. For Canned Grapefruit. Mailliard & Schmiedell. 26,274; July 31.
Golden-Crust. For Bread. Robertson Paper Co. 26,312; Aug. 7.
Golden Diamond Playing Cards. For Playing Cards. S. F. Hanzel. 26,561; Nov. 20.
"Golden Gate." (For Infants' Shoes.) L. E. Berry. 25,651; Feb. 27.
Golden Gate. For Infants' Shoes. L. E. Berry. 25,806; Apr. 10.
Golden Grain. For Butter. Menasha Printing and Carton Company. 26,630; Dec. 4.
Golden Guernsey Products. For Milk, Cream, Butter, and Cheese. American Guernsey Cattle Club. 26,404; Sept. 25.
Golden Horn. For Roasted Coffee. Ennis-Hanly-Blackburn Coffee Co. 26,269; July 31.
Golden Quinine. For Hair Tonic. T. H. Nell. 25,863; Apr. 24.
Golden Rose Hair Net. For Hair Nets. Ad-Packed Hair Net Co. 25,774; Apr. 3.
Good Creamery Butter. For Buttery. Menasha Printing and Carton Company. 26,087; June 12.
Good Samaritan Ointment. For Ointment. H. E. Kelley. 26,671; Dec. 11.
Goodman, A., & Sons, Inc., New York, N. Y. Goodman's Pure Matzoth Meal. For Matzoth Meal. 26,046; June 5.
Goodman's. For Matzoths. A. Goodman & Sons, Inc. 26,556; Nov. 20.
Goodman's Pure Matzoth Meal. For Matzoth Meal. A. Goodman & Sons, Inc. 26,046; June 5.
Graham Bread. For Bread. Hamersley Manufacturing Company. 26,271; July 31.
Gran'ma's Extra Quality. For Bread. Markert & Waybright. 26,690; Dec. 18.
Granola. For Corn Oil. Bramu Packing Co. 26,440; Oct. 2.
Grap-Di-Vine. For a Carbonated Beverage. Pabst Corporation. 26,142; June 26.
Great West Mill and Elevator Company, Amarillo, Tex. Luna De Oro. For Flour. 26,115; June 26.
Green Club Playing Cards. For Playing Cards. S. F. Hanzel. 26,559; Nov. 20.
Green Tree Inn Brand Early June Wisconsin Peas. For Canned Peas. Beaver Canning Company. 26,713; Dec. 25.
"Greendale." (For Cartons for Butter.) Menasha Printing and Carton Company. 25,758; Mar. 27.
Grin. For Auto Polish. Grin Co. 26,409; Sept. 25.
Grounder. For Ready-Mixed Paints. R. F. Johnston Paint Company. 26,568; Nov. 20.
Gulbransen Instruction Roll, Third Edition. For Instruction Rolls for Player Pianos. Gulbransen-Dickinson Co. 26,720; Dec. 25.

Alphabetical list of labels registered—Continued.

"H. & H. Honey." (For Honey.) Hoffman & Hauck, Inc. 25,488; Jan. 23.
Haberman's Views of New York. For Souvenir Postal Cards. H. W. Haberman. 26,342; Sept. 4.
Hage's Ice Cream. For Ice Cream. Sanitary Ice Cream Co. 26,585; Nov. 20.
Hair Nets. For Hair Nets. Theo. H. Gary Co. 26,168; July 10.
Hamilton & Sons Canning Co., New London, Wis. Sunday. For Canned Sauerkraut. 26,116; June 26.
Hamilton & Sons Canning Co., New London, Wis. Testo. For Canned Sauerkraut. 26,117; June 26.
Hamilton & Sons Canning Co., New London, Wis. Hamilton's. For Canned Sauerkraut. 26,118; June 26.
Hamilton & Sons Canning Co., New London, Wis. Mondel. For Canned Sauerkraut. 26,119; June 26.
Hamilton's. For Canned Sauerkraut. Hamilton & Sons Canning Co. 26,118; June 26.
"Hammermill Announcement Bristol." (For Packages Containing Announcement Stock.) Hammermill Paper Company. 25,687; Mar. 6.
"Hammermill Announcement Stock." (For Packages Containing Paper for Making Announcements and Envelopes to Match.) Hammermill Paper Company. 25,489; Jan. 23.
Hannah Weston Brand. For Blueberries. Chandler River Co-Operative Canning Association. 26,548; Nov. 20.
Harrington & Waring, New York, N. Y. Hollywood. For Hose. 26,120; June 26.
Hart-Ford. For Containers for Hosiery. W. H. Hartford and J. N. Hartford. 26,343; Sept. 4.
Hartman, Gideon, doing business as Hartman Co., Altoona, Pa. Hartman's Liniment. For Liniment. 26,121; June 26.
Hartman's Liniment. For Liniment. G. Hartman. 26,121; June 26.
Harvest Home. For Blackberries. Jett & Wood Mercantile Company. 25,963; May 22.
Hastings Bakery. (See Menasha Printing and Carton Company, assignor.)
"Hasty's White Mule." (For Candies.) M. A. Hasty. 25,583; Feb. 13.
Hayes & Co., Inc., Boston, Mass. De Luxe. For Canned Peas. 26,122; June 26.
Health-O. For Rubbing and Massage Alcohol. Mihalovitch Co. 26,137; June 26.
Hearn Infants Wear. For Infants' Wear. James A. Hearn & Son, Inc. 26,047; June 5.
Hearn, James A., & Son, Inc., New York, N. Y. Hearn Infants Wear. For Infants' Wear. 26,047; June 5.
Heavenly Hash. For Candy. A. G. Williams Homemade Candy Co. 26,436; Sept. 25.
"Hel'ene." (For Bottles Containing a Salad Dressing for Food.) H. Butler. 25,653; Feb. 27.
Heller, B., & Company, Chicago, Ill. $1000.00 Guaranteed Moth Killer. For Insecticide Preparation for Killing Moths and Carpet Beetles. 26,079; June 12.
Heller, B., & Company, Chicago, Ill. $1000.00 Guaranteed Enamel Cleaner. For A Preparation for Cleaning Enamel and Porcelain Ware. 26,080; June 12.
Heller, B., & Company, Chicago, Ill. $1000.00 Guaranteed Ozo Waste Pipe Opener. For a Drain Pipe Cleaner and Solvent. 26,081; June 12.
Heller, B., & Company, Chicago, Ill. $1000.00 Guaranteed Auto Glo. For An Automobile and Wood Polish. 26,082; June 12.
Heller's Fancy-Pastry Dessert Powder. For a Preparation for Use in Making Desserts. B. Heller & Company. 26,172; July 10.
Heller's Fancy-Pastry Dessert Powder. For Preparation for Use in Making Dessert. B. Heller & Company. 26,229; July 17.
Heller's Ice Cream Bouquet. For Dry Powder Flavoring Compound for Use in Flavoring Ice Cream. B. Heller & Company. 26,614; Dec. 4.
"Heller's Ice Cream Makers Special Pure Vanilla Extract." (For Containers Holding a Pure Vanilla Extract for Use in Ice Cream and Food Products.) B. Heller & Company. 25,588; Feb. 13.
"Heller's Malaboza Brand Caramel-Me." (For Containers Holding a Combined Coloring and Flavoring Paste for Use in Food Products.) B. Heller & Company. 25,539; Feb. 6.
"Heller's Royal Zest Prepared Cocoa with Milk and Malt." (For Containers Holding a Prepared Cocoa.) B. Heller & Company. 25,589; Feb. 13.
Hemoglotone. For a Tonic. Bio-Medical Laboratories. 26,221; July 17.
He-Pa-Co. For a Headache, Cold, and Pain Remedy. Tri-Me-Laboratories, Inc. 26,591; Nov. 20.
"Herbert's Fancy." (For Canned Pears.) Herbert Packing Co. 25,592; Feb. 13.
Hercules. For Liquid Glue. W. E. Kriel. 26,624; Dec. 4.
"High School Compositions," (For Composition and Note Books.) White & Wyckoff Mfg. Co. 25,768; Mar. 27.
Hillco Hair Net. For Hair Nets. Ad-Packed Hair Net Co. 25,789; Apr. 3.
Hillcrest Honey. For Extracted-Honey Containers. C. R. Anderson. 26,437; Oct. 2.
Hilliard's Healing Hazel Cream. For Medicinal Preparation for the Treatment of the Skin. D. G. Hilliard. 26,616; Dec. 4.
Hirschler, Lee M., doing business as Hirschler & Co., Cincinnati, Ohio. Blue-Dot. For Malt Sirup. 26,123; June 26.
Hirschman, Jerome, Ocean Park, Calif. Pepkik. For Hamburger-Sausage Sandwiches. 26,048; June 5.
Hoffmann's Finest Quality. For Apricots. John Hoffmann & Sons Co. 26,015; May 29.
Hoffmann's Finest Quality. For Coffee. John Hoffmann & Sons Co. 26,017; May 29.
Hoffmann's Finest Quality. For Cornstarch. John Hoffmann & Sons Co. 26,021; May 29.
Hoffmann's Finest Quality. For Currants. John Hoffmann & Sons Co. 26,010; May 29.
Hoffmann's Finest Quality. For Evaporated Milk. John Hoffmann & Sons Co. 26,020; May 29.
Hoffman's Finest Quality. For Gloss Starch. John Hoffmann & Sons Co. 26,022; May 29.
Hoffmann's Finest Quality. For Horse-Radish. John Hoffmann & Sons Co. 26,013; May 29.
Hoffmann's Finest Quality. For Macaroni. John Hoffmann & Sons Co. 26,019; May 29.
Hoffmann's Finest Quality. For Peas. John Hoffmann & Sons Co. 26,016; May 29.
Hoffmann's Finest Quality. For Rolled Oats. John Hoffmann & Sons Co. 26,014; May 29.
Hoffmann's Finest Quality. For Shrimp. John Hoffmann & Sons Co. 26,012; May 29.
Hoffmann's Finest Quality. For Sugar. John Hoffmann & Sons Co. 26,011; May 29.
Hoffmann's Finest Quality. For Tea. John Hoffmann & Sons Co. 26,018; May 29.
Holcomb & Hoke Mfg. Co., Indianapolis, Ind. Butter-Kist. For Pop Corn. 26,049; June 5.
Holland Bread Co., The. (See Menasha Printing and Carton Company, assignor.)
Holland's Raisin Bread. For Bread. Menasha Printing and Carton Company. 26,379; Sept. 11.
Holland's Twin Loaf Bread. For Bread. Menasha Printing and Carton Company. 26,088; June 12.
Holly Champagne. For Extracts, Sirups, and Beverages. S. M. Hoye. 26,619; Dec. 4.
Hollybrook. For Butter. H. C. Christians Co. 26,515; Nov. 13.
Hollywood. For Hose. Harrington & Waring. 26,120; June 26.
Holsum. For Bread. Menasha Printing and Carton Company. 26,691; Dec. 18.
Home Kraft. For Bread. D. P. Woolley. 26,217; July 10.
"Honey Scotch." (For Complete Candy Parcels Made Up of a Box Filled with Wrapped Candy—Namely, Caramels.) J. N. Collins Company. 25,684; Mar. 6.
"Honeysuckle." (For Coffee.) Ferril Bros. 25,701; Mar. 13.
"Hot Shot." (For Horse Radish.) R. J. Diekemper. 25,507; Jan. 30.
Houseman Cream Fried Cake Co., Grand Rapids, Mich. Houseman's Puffs. For Fried Cakes. 26,083; June 12.
Hovden's. For Sardines. K. Hovden Co. 22,857; Apr. 24.
Hoye's Holly Champagne. For Beverages. S. M. Hoye. 26,023; May 29.
Hoye's Sparkling Whisko. For Beverages. S. M. Hoye. 26,173; July 10.
Humphrey's Big Chief Bar. For Candy Bar. W. E. Humphrey Co. 25,835; Apr. 17.
Humphrey's Bright Eyes Bar. For Candy Bar. W. E. Humphrey Co. 25,836; Apr. 17.
"Humphrey's Malted Milk Nut Caramel Special." (For Candies (Candy Bar).) W. E. Humphrey Co. 25,510; Jan. 30.
Hygiène De La Tête. For Hair Tonics. Imperial Perfumery and Barber's Supplies Inc. 26,024; May 29.
"Hygienic Made." (For Aseptic Absorbent Material.) Hygienic Fibre Company. 25,596; Feb. 13.
"Hypo." (For Toilet Paper.) National Paper Products Company. 25,712; Mar. 13.
I-S. For Bread. S. E. Loveless. 26,181; July 10.
Ice Cream. For Ice Cream. Menasha Printing and Carton Company. 26,398; Sept. 18.
Ice Cream. For Ice Cream. Menasha Printing and Carton Company. 26,572; Nov. 20.
Iceland. For Toilet Paper. National Paper Products Company. 25,982; May 22.
"Icy Hunni." (For Frozen Dainties.) Icy Hunni Co. 25,541; Feb. 6.
Ideal Nut Cracker. For Nutcrackers. Cook Electric Company. 26,603; Dec. 4.
"Idozan." (For a Pharmaceutical Product Being an Iron Preparation.) Aktieselskabet Ferrosan. 25,648; Feb. 27.
Il Progresso. For Cigars. Parodi Cigar Co. 26,097; June 12.
Imperial Bay Rum. For Bay Rum. Imperial Perfumery and Barber's Supplies, Inc. 26,231; July 17.
Imperial Fruit Products Co. (See Edwards, Henry C.)
"Imperial Lilac Toilet Water." (For Toilet Water.) Imperial Perfumery and Barber's Supplies, Inc. 25,737; Mar. 20.
Indian Apple-Us. For Cartons for Gloves. Indianapolis Glove Company. 26,124; June 26.
Indianapolis Glove Company, Indianapolis, Ind. Indian Apple-Us. For Cartons for Gloves. 26,124; June 26.

Alphabetical list of labels registered—Continued.

Inland Chowder. For Chowder Made from Combination of Various Meats and Vegetables. C. W. McMorran. 25,862; Apr. 24.
Instant Coffeola. For Coffeelike Beverages. Kellogg Company. 26,026; May 29.
Instructions For Installing Hoffman Quick Change Transmission Band For Ford Cars. For Transmission Bands for Automobiles. Hoffman Manufacturing Company. 26,394; Sept. 18.
"Interborough." (For Toilet Paper.) National Paper Products Company. 25,721; Mar. 13.
Interlake. For Toilet Paper. Interlake Tissue Mills Co. 26,174; July 10.
International Silver Company, Meriden, Conn. Kiddie Kup. For Children's Cups. 26,125; June 26.
"Iodex Skin Soap." (For Soap for Soothing and Healing the Skin.) Menley & James, Limited. 25,667; Feb. 27.
Ionia. For Hair Nets. Paristyle Novelty Co., Inc. 26,430; Sept. 25.
Iris. For Tea. Symons-Moffett Co. 25,991; May 22.
It Is A Pleasure To Use Jack's Fly and Insect Mist. For a Preparation for Destroying Flies and Insects. Johnston United Chemical Co. 26,670; Dec. 11.
It Takes 'Em Off, Dawes Ideal Corn Remover. For Corn Remover. J. C. Dawes. 26,322; Aug. 14.
It's A Candy Dandy Bird. For a Toy with a Whistle. Musical Toy Production Company. 26,278; July 31.
"Italian Cook." (For Winterpressed Cottonseed Salad Oil Flavored With Pure Olive Oil. A. Gash. 25,486; Jan. 23.
Italo French Brand Alimentary Pastes. For Macaroni. J. Cuda. 26,718; Dec. 25.
Ivins. For Biscuits. J. S. Ivins' Son, Inc. 26,395; Sept. 18.
J. M. P. For Cigars. J. M. Prim. 26,310; Aug. 7.
J. R. White's Emerald Soft Soap. For Soft Soap. J. R. White. 26,467; Oct. 2.
"Jack's Pork Rind Frogs." (For Fishing Bait.) J. R. Cunningham. 25,749; Mar. 27.
"Jacquin Sauce." (For Sauce for Cooking Purposes.) Charles Jacquin et Cie. Inc. 25,688; Mar. 6.
James Brothers, Atlantic City, N. J. Salt Water Taffy. For Candy. 26,084; June 12.
James Brothers, Atlantic City, N. J. Cut-To-Fit-The-Mouth. For Candy. 26,126; June 26.
Janet Real Human Hair Net. For Hair Nets. N. B. Cohen & Bro. 25,851; Apr. 24.
Jap. An. and a representation of two eyes. For a Polish and Coating for Japanned, Varnished, or Enameled Surfaces. F. S. Kelly. 26,503; Oct. 30.
Jap Rose. For Soap. James S. Kirk & Company. 26,328; Aug. 14.
"Japanese Toilet Tissue." (For Toilet Paper.) Boyce Paper Exchange. 25,571; Feb. 13.
Jarrett Mineral Spring Water. For Water. Jarrett Water Co. 26,085; June 12.
Jarrett Water Co., Philadelphia, Pa. Jarrett Mineral Springs Water. For Water. 26,085; June 12.
Jay-Kay Khaki. For Cotton Piece Goods, Khaki Colored. Jenkins, Kreer & Co. Inc. 25,937; May 15.
Jenquin's Ext. For Cod-Liver-Oil Pills. Jenquins Laboratories. 25,962; May 22.
Jensen, S. C., Creamery Co. (See Menasha Printing and Carton Company, assignor.)
Jersey Jerry. For Crates Containing Fruits. Jersey Fruit Growers Co-operative Association. 26,621; Dec. 4.
"Jiffy." (For Men's and Boys' Work Shirts.) Salant & Salant, Inc. 25,643; Feb. 20.
Jim Blair's Duz Wear Supported Arch Shoe. For Shoes. Jim Blair Shoe Corporation. 26,072; June 12.
Jim Dandy. For Bread. H. V. Walters. 26,102; June 12.
Johnson's Sane Nuts—They're More Refined. For Salted-Nut Containers. Johnson Nut Company. 25,880; May 1.
"Jolly Rover." (For Toilet Paper.) National Paper Products Company. 25,718; Mar. 13.
"Just-Rite." (For An Insect Destroyer and Germicide.) Can-Ho-Lab. Chemical Co. 25,573; Feb. 13.
Just Scrumpshus. For Chocolates. Milwaukee Paper Box Company. 26,399; Sept. 18.
"Kandlitening." (For Receptacles Containing a Liquid for Intensifying the Action of Gasoline and Other Fuels Used in Internal-Combustion Motors.) Clinton Chemical Corporation. 25,528; Feb. 6.
Kandy Packs. For Candy. United Drug Company. 26,506; Oct. 30.
Karp, Joseph H., New York, N. Y. Noble-Heart Egyptian Henna Powder. For a Preparation for Brightening and Glinting the Hair. 26,050; June 5.
Kayseeco. For Boxes Containing Assorted Chocolates. Knowlan Candy Co. 26,482; Oct. 9.
Kazbek Complexion Clay. For Complexion Clays. Kazbek Company. 26,481; Oct. 9.
"Ka-Zu Champagne." (For Beverages.) S. M. Hoye. 25,632; Feb. 20.
Kellogg Company, Battle Creek, Mich. Kellogg's Corn Flakes. For Cereal Food. 26,051; June 5.
Kellogg Company, Battle Creek, Mich. Kellogg's Krumbles. For Cereal Breakfast Food. 26,127; June 26.
Kellogg's Bran. For Cereal Breakfast Food. Kellogg Company. 25,939; May 15.
Kellogg's Bran Cooked and Krumbled. For Cereal Breakfast Food. Kellogg Company. 26,327; Aug. 14.
Kellogg's Bran Flakes. For Cereal Breakfast Food. Kellogg Company. 26,290; Aug. 7.
Kellogg's Corn Flakes. For Cereal Breakfast Food. Kellogg Company. 25,938; May 15.
Kellogg's Corn Flakes. For Cereal Breakfast Food. Kellogg Company. 25,965; May 22.
Kellogg's Corn Flakes. For Cereal Food. Kellogg Company. 26,051; June 5.
Kellogg's Corn Flakes. For Cereal Breakfast Food, Kellogg Company. 26,289; Aug. 7.
Kellogg's Corn Flakes. For Cereal Breakfast Food. Kellogg Company. 26,623; Dec. 4.
Kellogg's Krumbles. For Cereal Breakfast Food. Kellogg Company. 26,127; June 26.
Kelp Iodized Water. For Medical Preparation. H. A. Morriss. 26,182; July 10.
Kentucky Chimney. For Cigars. Parodi Cigar Co. 26,094; June 12.
Kewpee Hotels. For Sandwiches. F. J. Blair. 26,659; Dec. 11.
Kewpie. For Toilet Paper. Wortendyke Mfg. Co. 26,263; July 24.
Keystone. For Malt Sirup. H. Mihm. 26,532; Nov. 13.
Kiddie Kup. For Children's Cups. International Silver Company. 26,125; June 26.
Kiddie-Need Toilet Seat Take it With You. For Containers for a Child's Toilet Seat. De Rand Company. 26,518; Nov. 13.
Kiddies Filling. For Dental Filling Material. J. A. Williams, D. D. S. 26,248; July 17.
King Tut. For Wrapper for a Candy Confection. Croft & Allen Company. 25,853; Apr. 24.
King Tut Shirt. For Shirts and Boxes Containing Shirts. Oppenheim Oberndorf & Co. Inc. 25,865; Apr. 24.
King's Castle. For Wheat Flour. H. H. King Flour Mills Company. 26,252; July 24.
Kirk's Original Olive Cocoa Castile. For Soap. James S. Kirk & Company. 26,235; July 17.
Kismet White Laid Confectionery Bags." (For Boxes of Paper Bags.) A. Herz. 25,631; Feb. 20.
Klansman Cigar. For Cigars. L. W. Dunn. 26,323; Aug. 14.
Kleenz 'em. For Hand Cleanser. H. B. Garside. 26,612; Dec. 4.
Kleenzal. For Paint, Grease, Varnish, and Oil Remover. Realneed Products Co. 25,987; May 22.
"Klumyrna." (For Canned Figs.) Food Products Co. 25,579; Feb. 13.
Knicker Boston Garter. For Cards Containing Men's Garters. George Frost Company. 26,325; Aug. 14.
Konomy Hair Net. For Hair Nets. Ad-Packed Hair Net Co. 25,782; Apr. 3.
"Kosher Sausage." (For Sausage.) Levin's Sinai Kosher Sausage Factory. 25,662; Feb. 27.
Krank, Alfred J., St. Paul, Minn. Kranks Skin-Health Face Powder. For Face Powder. 26,128; June 26.
Krank's Camolease. For Containers Containing a Salve. A. J. Krank. 25,971; May 22.
Krank's Fix-A-Gloss. For Hair Fixative and Dandruff Remedy. A. J. Krank. 25,912; May 8.
"Krank's Fix-A-Gloss." (For Containers Containing a Dandruff Remedy and Hair Dressing.) A. J. Krank. 25,495; Jan. 23.
Krank's Hairwealth. For Containers Containing a Hair Tonic. A. J. Krank. 25,973; May 22.
Krank's Hydrofoam (Orange) Shampoo. For Containers Containing a Shampoo. A. J. Krank. 25,968; May 22.
Krank's Hydrofoam (Pine Tar) Shampoo. For Containers Containing a Shampoo. A. J. Krank. 25,967; May 22.
Krank's Lemon Facial Pack. For Skin Treatment and Beautifier. A. J. Krank. 25,913; May 8.
Krank's Lemon Facial Pack. For a Skin Treatment and Beautifier. A. J. Krank. 26,253; July 24.
Krank's Liquid Cream. For Containers Containing a Face Lotion. A. J. Krank. 25,969; May 22.
"Krank's Mentho-Lemon." (For Containers Containing a Vanishing Cream.) A. J. Krank Mfg. Co. 25,601; Feb. 13.
Krank's Mentho-Lemon. For Vanishing Cream. A. J. Krank. 25,974; May 22.
"Krank's Oilaa Head Rub." (For Containers Containing a Hair Tonic and Fixative.) A. J. Krank. 25,493; Jan. 23.
"Krank's Pink Blush." (For Cartons Containing a Vanishing and Massage Cream.) A. J. Krank. 25,492; Jan. 23.
"Krank's Pink Blush." (For Jars Containing a Vanishing and Massage Cream.) A. J. Krank. 25,493; Jan. 23.
Krank's Scalphealth. For Containers Containing a Hair Tonic. A. J. Krank. 25,972; May 22.
Krank's Skin-Health Face Powder. For Face Powder. A. J. Krank. 26,128; June 26.
Krank's Sporicide. For Containers Containing an Antiseptic. A. J. Krank. 25,970; May 22.
"Kream Krust." (For Wax-Paper Bread Wrappers.) Menasha Printing and Carton Company. 25,666; Feb. 27.

Alphabetical list of labels registered—Continued.

Kreeper. For Infants' Hosiery. Krueger-Tobin Co. Inc. 25,914; May 8.
Krinkletex. For Shirts. Oppenheim, Oberndorf & Co. 26,400; Sept. 18.
Kro Mor. For Tomatoes. Defiance Grocery Company. 25,854; Apr. 24.
Kutner's Highland. For Coffee. Kutner-Goldstein Co. 26,292; Aug. 7.
"La Dez." (For Cigars.) La Dez Cigar Co. 25,496; Jan. 23.
La Divinidad. For Cigars. C. H. Hundemann. 26,564; Nov. 20.
"Lady Anne Coffee." (For Coffee.) Vaughn Grocery Company. 25,617; Feb. 13.
Lady Betty. For Bread. D. P. Woolley. 26,211; July 10.
"Lady Bugg's Fudge." (For Candies.) M. V. Bugg. 25,572; Feb. 13.
Lago Pure Crushed Fruit Laxative. For a Laxative Preparation. I. A. Freeman. 26,480; Oct. 9.
"Lake Chelan Brand." (For Fresh Apples.) N. D. Lindsley. 25,497; Jan. 23.
"Lake Yale Grapefruit Marmalade." (For Grapefruit Marmalade.) Lake Yale Orange Company. 25,602; Feb. 13.
Lamp. For Lamps. Moe-Bridges Company. 26,497; Oct. 16.
"La Pereza." (For Cigars.) J. M. Perez. 25,553; Feb. 6.
"La Rose du Bain." (For Receptacles Containing a Bathing Salt.) J. E. Barnes. 25,650; Feb. 27.
Las Palmas Red Chile Sauce. For Chili Sauce. Ramirez & Feraud Chile Co. 26,401; Sept. 18.
Laura Double Mesh Net. For Hair Nets. C. K. Thau. 26,649; Dec. 4.
Leather Plaiting Outfit. For Outfits Which Include Leather Cutting and Plaiting Implements for Forming and Plaiting Leather Strips or Thongs. L. E. Griswold. 26,688; Dec. 18.
Lemane. For Porcelain and Enamel. New York Vitreous Enamel Products Corporation. 25,864; Apr. 24.
"Lemon Facial Pack." (For Containers Containing a Skin Treatment and Beautifier.) A. J. Krank Mfg. Co. 25,600; Feb. 13.
"Lemon-Flush 'Makes the Pores Weep'." (For a Cleansing Cream.) J. F. Murray. 25,546; Feb. 6.
"Lemon Liver Workers." (For Envelopes Containing Liver Pills.) G. Littman. 25,690; Mar. 6.
Lenox Guaranteed Hosiery. For Hosiery and Boxes Containing the Same. Fermustex Hosiery Company. 25,813; Apr. 10.
Lenz-Lite. For a Bottle of Liquid for Cleaning Glasses. M. C. Kenney. 25,800; Apr. 3.
Leone di San Marco. For Cigars. Parodi Cigar Co. 26,095; June 12.
Les Produits de Beauté de Rosario Duprez New York. For Beauty Preparations. R. Duprez. 26,665; Dec. 11.
Levering Coffee Company, The, Baltimore, Md. Every Sip Is Delicious. For Coffee. 26,129; June 26.
Lewis' Single Binder De Luxe. For Cigars. Frank P. Lewis Cigar Co. 26,527; Nov. 13.
Lezak Malt Extract. For Malt Extract. E. J. Suehla. 26,501; Oct. 23.
Liberty. For Macaroni. S. Nunziato. 26,636; Dec. 4.
Liberty Patch. For Automobile Tube Patches. United States Distribution Co. 26,592; Nov. 20.
Likaslice. For Bread. D. P. Woolley. 26,214; July 10.
"Lily Brand." (For Cartons for Ice Cream.) Menasha Printing and Carton Company. 25,760; Mar. 27.
Lindeman, Gaylen D., and Leo V. Novak, doing business as Camel Malt Syrup Company, Cedar Rapids, Iowa. Camel Malt Syrup. For Malt Sirup. 26,086; June 12.
"Lino-Nu." (For Decorating Outfits Comprising Varnish, Coloring Matter, Brushes, and Sponges.) R. F. Johnston Paint Company. 25,754; Mar. 27.
Lion. For a Water-Softener Washing Powder. M. L. Keagy. 26,347; Sept. 4.
Lion Puncture Patch. For a Patch for Repairing Articles Made of Rubber. S. G. Clendenning. 26,550; Nov. 20.
Lionel Electric Toy Trains. For Electric Toy Trains. Lionel Corporation. 26,329; Aug. 14.
Liquid El Vampiro. For a Liquid Spray for Flies, Mosquitoes, Moths, Fleas, Bedbugs, Lice, Cockroaches, and Ants. Allaire, Woodward & Co. 26,685; Dec. 18.
"Lithia Polaris." (For Natural Spring Water.) Boonville Mineral Spring Company. 25,570; Feb. 13.
"Little Boy Blue." (For Hosiery.) Toewear Hosiery Inc. 25,616; Feb. 13.
"Little Red Riding-Hood." (For the Cover of a Game Box.) Noble and Noble. 25,634; Feb. 20.
Live Long. For Bread. D. P. Woolley. 26,210; July 10.
"Lorelei." (For Toilet Paper.) National Paper Products Company. 25,716; Mar. 13.
"Lubri-Gas." (For a Chemically-Treated Oil for Use in Connection with Internal-Combustion Engines.) C. E. Paden. 25,673; Feb. 27.
Lucido's Quality. For Peas. Lucido Brothers Grocery Company. 26,238; July 17.
Luna De Oro. For Flour. Great West Mill and Elevator Company. 26,115; June 26.
Lustershine Black Gloss. For Containers for Black Gloss. I. Slavin. 25,921; May 8.
Lydia Darrah. For Candy. Lydia Darrah Candy Shops, Inc. 26,165; July 10.
Lyons' California Orchard Scenes, Series No. 2. For Glacé Fruits. J. C. Raas. 26,702; Dec. 18.
M R J. For Coffee. M. R. Johnston. 25,964; May 22.
"Madden's Digestive Tonic." (For Bottles Containing Medicine—Namely, a Digestive Tonic.) J. M. Madden. 25,756; Mar. 27.
"Magic Marvel." (For Washing Compounds.) L. Mitchell & Co. 25,544; Feb. 6.
"Magic Marvel Bluing Paddle." (For Bluing Compounds.) L. Mitchell & Co. 25,545; Feb. 6.
Magnet. Hair nets. Femina Importing Company. 26,666; Dec. 11.
Mah Deuck. For a Game. B. Levison. 26,375; Sept. 11.
Mah Jongg. For Candy. J. G. McDonald Chocolate Co. 26,030; May 29.
Maid Of The Birch. For Packages Containing Toothpicks. Hardwood Products Co. 25,798; Apr. 3.
Maid-O-Wheat. For Bread. Newark Paraffine & Parchment Paper Co. 26,461; Oct. 2.
"Maison Blanche Devil's Food Candy." (For Candy Boxes.) Maison Blanche Co. 25,543; Feb. 6.
Maleto. For Mayonnaise Salad Dressing. Henard Mayonnaise Company. 26,562; Nov. 20.
Mammy's Delight Southern Beaten Biscuit. For Wrappers for Biscuits. Adelaide A. Jackson and Elizabeth Jones. 26,523; Nov. 13.
Mammy's Sure-Fat. For Medicine. D. E. Locke. 26,029; May 29.
Maple Ridge Creamery Butter. For Butter. Menasha Printing and Carton Company. 26,089; June 12.
"Marchiony's Spumoni Italian Ice Cream." (For Cartons for Ice Cream.) Menasha Printing and Carton Company. 25,665; Feb. 27.
Margaret's. For a Hair Tonic. M. G. Casavant. 26,340; Sept. 4.
Mark Twain. For Oranges. San Joaquin Fruit & Investment Company. 25,988; May 22.
Market. For Fresh Pears. N. E. Dean. 26,391; Sept. 18.
Mar-Son Preparation. For Tooth Paste. Mar-Son Medicine Co. 26,376; Sept. 11.
"Mártás Sauce." (For a Food Sauce.) R. W. Wilsbach. 25,770; Mar. 27.
Martin. For Toilet Paper. National Paper Products Company. 25,984; May 22.
Marvel. For a Luting Composition. F. R. Schulz. 26,387; Sept. 11.
Marvel Chick Feed. For Cereal Products. C. O. Sandefur. 26,060; June 5.
Marvel Hog Chops. For Cereal Products. C. O. Sandefur. 26,058; June 5.
Marvel Meal. For Cereal Products. C. O. Sandefur. 26,057; June 5.
Marvel Scratch Feed. For Cereal Products. C. O. Sandefur. 26,059; June 5.
Mary Fraser Candies. For Candies. Mary Fraser Candies, Inc. 25,928; May 15.
Mascot. For Coffee. Thomas J. Webb Company. 26,317; Aug. 7.
Mason's Almond Nougat Bars. For Candy. Mason, Au & Magenheimer Confectionery Manufacturing Company. 26,673; Dec. 11.
"Massie's Is Good Bread." (For Bread.) Massie Baking Co. 25,704; Mar. 13.
Mato Wonder Washing Powder. For Washing Powder. A. B. C. Sales Corporation. 25,827; Apr. 17.
Mattlage, Charles F., & Sons Inc., New York, N. Y. Royall's French Salad Dressing. For French Salad Dressing. 26,130; June 26.
Mavoureen Hair Net. For Hair Nets. Ad-Packed Hair Net Co. 25,783; Apr. 3.
"Mayer's Prolongation of Life." (For a Medicinal Preparation, an Inhalent Composed of Equal Parts of Onion and Pele-Mele Fruits.) E. Mayer. 25,691; Mar. 6.
Mayflower. For Cartons for Butter. Menasha Printing and Carton Company. 25,885; May 1.
Mayflower-Brand. For Malt Extract. S. Krepstman. 25,940; May 15.
Maywood. For Canned Olives. Maywood Packing Company. 26,377; Sept. 11.
Mecca. For Oranges. Andrews Brothers Company. 25,805; Apr. 10.
"Medium." (For the Containers of Cigars and Tobacco.) F. Dovichi. 25,479; Jan. 23.
Meese. For Brooms. G. Meese. 26,571; Nov. 20.
Mel-Aroma. For a Remedy for Stomach Disorders and Constipation. I. A. Melnick. 26,350; Sept. 4.
Mello-Freeze. For a Preparation for Use in Improving Ice Cream and in Conditioning the Ice Cream Mix. B. Heller & Company. 26,171; July 10.
Melodew Prepared Liquid Choclet. For Chocolate. Melodew Corporation. 26,306; Aug. 7.
Melodew Prepared Liquid Choclet. For Chocolate. Melodew Corporation. 26,378; Sept. 11.
Meloine. For Preparation for Use in Improving Ice Cream and in Conditioning the Ice-Cream Mix. B. Heller & Company. 26,230; July 17.
Menasha Printing and Carton Company, Menasha, Wis., assignor to The Cottage Creamery Co., Cleveland, Ohio. Good Creamery Butter. For Butter. 26,087; June 12.

Alphabetical list of labels registered—Continued.

Menasha Printing and Carton Company, Menasha, Wis., assignor to The Holland Bread Co., Columbus, Ohio. Holland's Twin Loaf Bread. For Bread. 26,088; June 12.

Menasha Printing and Carton Company, Menasha, Wis., assignor to The Brundage Co., Cleveland, Ohio. Maple Ridge Creamery Butter. For Butter. 26,089; June 12.

Menasha Printing and Carton Company, Menasha, Wis., assignor to Metropolitan Ice Cream Co., Newark, N. J. Sterling Ice Cream. For Ice Cream. 26,131; June 26.

Menasha Printing and Carton Company, Menasha, Wis., assignor to B. C. Reich & Son, Fort Worth. Tex. Mity Nice Bread. For Wrappers for Bread. 26,132; June 26.

Menasha Printing and Carton Company, Menasha, Wis., assignor to Weber Ice Cream Co., Jefferson City, Mo. Weber. For Ice Cream. 26,133; June 26.

Menasha Printing and Carton Company, Menasha, Wis., assignor to Valley Dairy Products Co., Appleton, Wis. Valdair Creamery Butter. For Butter. 26,134; June 26.

Menasha Printing and Carton Company, Menasa, Wis., assignor to S. C. Jensen Creamery Co., Milwaukee, Wis. Reliable Brand. For Butter. 26,135; June 26.

Menasha Printing and Carton Company, Menasha, Wis., assignor to Hastings Bakery, Hastings, Nebr. Sugar Loaf. For Wrappers for bread. 26,136; June 26.

Mermaid. For Dates. G. H. Narbonne. 26,534; Nov. 13.

"Mermes." (For a Wrapper for Toilet-Paper Rolls.) Northern Paper Mills. 25,671; Feb. 27.

Merrillite College Special. For Candy. Merrill Candy Company. 26,575; Nov. 20.

Messina. For Canned Tunny Fish. French Sardine Co. 26,609; Dec. 4.

Metro-Dutch Style Creams. For Packages or Boxes Containing Candy. Metro Chocolate Co. Inc. 25,822; Apr. 10.

Metropolitan Ice Cream Co. (See Menasha Printing and Carton Company, assignor.)

"Meyers' Eskimo Stogies." (For Boxes of Stogies.) Beechnut Stogie Co. 25,728; Mar. 20.

Mihalovitch Co., The, Cincinnati, Ohio. Health-O. For Rubbing and Massage Alcohol. 26,137; June 26.

"Mild." (For Containers of Cigars and Tobacco.) F. Dovichi. 25,480; Jan. 23.

Mildred Cressey Silver Polish. For a Polish for Gold, Silver, or Any Like Material Where a Bright Lustrous Finish is Desired. M. Cressey. 26,284; Aug. 7.

Milius, Gay E. and L., doing business as E. Milius & Co., New Rochelle and New York, N. Y. Genuine Philippine Repp Originated 1915. For Philippine Repp Cloth. 26,090; June 12.

Milius, Lester. (See Milius, Gay E. and L.)

Mill On The Floss. For Oranges. James Mills Orchards Corporation. 26,578; Nov. 20.

"Millcrest." (For Canned Yellow Cling Peaches.) Virden Packing Company. 25,618; Feb. 13.

Milo Wheat. For Cereal Food. Los Angeles Milo Wheat Co. 26,627; Dec. 4.

Miracle Hair Net. For Envelopes for Hair Nets. Crown Hair Goods Co. 26,004; May 29.

"Miss America." (For Pickles.) American Pickle & Canning Company. 25,524; Feb. 6.

Miss America. For Stringless Beans. American Pickle & Canning Company. 26,389; Sept. 18.

Miss Bunny. For Cake Chocolate. Ideal Cocoa & Chocolate Co. 26,420; Sept. 25.

Miss Kitty. For Cake Chocolate. Ideal Cocoa & Chocolate Co. 26,417; Sept. 25.

Mission-Vineyards. For Fresh Grapes. G. J. Lewis. 26,397; Sept. 18.

Missisquoi Lime Works, Inc., St. Albans, and Highgate Springs, Vt. White Horse Brand No. 1 Common Lime. For Lime Barrels. 26,138; June 26.

Missisquoi Lime Works, Inc., St. Albans, and Highgate Springs, Vt. Red Indian Brand Finishing Lime. For Lime Barrels. 26,139; June 26.

"Mistland." (For Loganberries.) Oregon Growers Co-Operative Association. 25,548; Feb. 6.

Mi-Te Good. For Tobacco. Steacy-Shaeffer Tobacco Co. 26,149; June 26.

Mittnes. For Nonalcoholic Maltless Beverages and Sirups for Preparing the Same. R. Hill. 25,911; May 8.

Mity Nice Bread. For Wrappers for Bread. Menasha Printing and Carton Company. 26,132; June 26.

Model. For Ice Cream. Menasha Printing and Carton Company. 26,457; Oct. 2.

Modern Pure Food Products Co., New York, N. Y. Nocook Eagle Brand Malthop. For Malt Extract. 26,052; June 5.

Modesty Shadow Panel. For Undergarments for Women. Modesty Shadow Panel Co. 26,494; Oct. 16.

Mole Poblano. For a Mixture of Dried Chili and Spices. P. Baca. 25,996; May 29.

"Molinelli's Home Cooked Spaghetti." (For Jars of Spaghetti.) C. Molinelli. 25,499; Jan. 23.

Monarch. For Butter. Menasha Printing and Carton Company. 26,631; Dec. 4.

Mondel. For Canned Sauerkraut. Hamilton & Sons Canning Co. 26,119; June 26.

Moon-Glow. For Assorted Chocolates. Milwaukee Paper Box Company. 26,698; Dec. 18.

"Moonlight Brand." (For Tin Containers Containing Shrimp.) Biloxi Packing & Trading Co. 25,568; Feb. 13.

Moonshine Cleaner. For Cartons Containing Cleaner for Automobiles and Furnitures. Bowen Chemical Co. 25,830; Apr. 17.

Moonstone Brand Select Sweet June Wisconsin Peas. For Canned Peas. Beaver Canning Company. 26,711; Dec. 26.

Morning Bloom Brand Wisconsin Peas. For Canned Peas. Beaver Canning Company. 26,716; Dec. 25.

"Moth Preventive Larvex." (For Bottles or Other Containers of Larvex, a Liquid Moth Preventive.) Process Chemicals, Incorporated. 25,638; Feb. 20.

"Mother Knick Let her family serve your family." (For Hose.) A. Thompson Co. 25,516; Jan. 30.

"Mothers' Day." (For Boxes Containing Chocolates.) Milwaukee Paper Box Company. 25,742; Mar. 20.

Motorist. For Cigars. H. Erickson. 25,812; Apr. 10.

"Mound City." (For Malt Sirup.) Mound City Products Co. 25,706; Mar. 13.

Moyer Bros. For Pretzels. Moyer Bros. 26,330; Aug. 14.

Mozel. For Silk Opera and Sport Hair Nets. J. Fleischer. 26,408; Sept. 25.

Mr. Porker. For Cake Chocolate. Ideal Cocoa & Chocolate Co. 26,414; Sept. 25.

Mt. Lassen. For Fresh Pears. James Mills Orchards Corporation. 26,576; Nov. 20.

Mt. Tom. For Bread. Labrecque Brothers. 25,915; May 8.

Mount Vernon. For Coffee. Thomas J. Webb Company. 26,732; Dec. 25.

Muenchner Brand Malt Extract. For Malt Extracts and Sirups. F. Muench. 26,032; May 29.

Muh-Juhng, The Great Chinese Game. For Game Devices for Playing the Said Chinese Game. Regensteiner Corporation. 26,195; July 10.

Murell's Handcleaner Claro. For Soap Powder. P. Muller. 26,701; Dec. 18.

"My Mans Melster's Special Center." (For Candy Bars.) Melster Candy Company. 25,498; Jan. 23.

Myrykle Fruit Balls. For Glass Jars Containing Medicated Fruit Balls Having Laxative Properties. M. A. Bainbridge. 26,105; June 26.

"Nafziger Fluffy-Loaf." (For Bread.) Nafziger Baking Company. 25,669; Feb. 27.

Nafziger Fluffy-Loaf. For Bread. Nafziger Baking Company. 25,916; May 8.

Name. For Handkerchiefs. S. W. Magnus & Co. 26,239; July 17.

Narbonne. For Dates. G. H. Narbonne. 26,533; Nov. 13.

"Narcissus, Jonquils and Daffodils." (For a Box of Narcissus Bulbs.) New Amsterdam Bulb Co. Inc. 25,762; Mar. 27.

Narcissus Paper White. For a Box of Narcissus Bulbs. New Amsterdam Bulb Co. 26,242; July 17.

Nelson Ball Bearing Timer. For Timers. Nelson Timer Company. 26,634; Dec. 4.

Neo. For a Preparation for Destroying Bugs. M. Robins. 25,942; May 15.

Neo. For a Preparation for Destroying Bugs. M. Robins. 26,431; Sept. 25.

Nepo. For a Compound for Cleaning Paint and Like Surfaces. G. E. Marshall. 25,976; May 22.

Neptune. For Table Salt. Haas, Baruch & Co. 26,227; July 17.

New Amsterdam Bulb Co. Inc., New York, N. Y. Crocus. For a Box of Crocus Bulbs. 26,091; June 12.

New Luster Furniture Polish. For Liquid Polishing Substance. Fred W. Cross & Co. 26,110; June 26.

"Nightwear Pajamas and Night Shirts." (For Shirts R. Drew. 25,478; Jan. 23.

Nile Queen. For Toilet Paper, Paper Napkins, Paper Towels, and Paper Tablecloths. Fort Howard Paper Company. 25,926; May 15.

No. 04 Mirror and Scottissue Towel Holder. For Cartons for Shipping Combination Mirrors and Towel Holders. Scott Paper Company. 26,098–9; June 12.

Noble-Heart. For Soap. J. H. Karp. 26,396; Sept. 18.

Noble-Heart Egyptian Henna Powder. For a Preparation for Brightening and Glinting the Hair. J. H. Karp. 26,050; June 5.

Nocook Eagle Brand Malthop. For Malt Extract. Modern Pure Food Products Co. 26,052; June 5.

"No-Leak-O" Oil Sealing. For Piston Rings. No-Leak-O Piston Ring Company. 26,140; June 26.

No-Leak-O Piston Ring Company, Muskegon, Mich. "No-Leak-O" Oil Sealing. For Piston Rings. 26,140; June 26.

Normedal. For Wrapper for Toilet Paper Rolls. Northern Paper Mills. 25,900; May 1.

Northern Paper Mills, Green Bay, Wis. Northern Towels. For Wrapper for Folded Paper Towels. 26,053; June 5.

Northern Towels. For Wrapper for Folded Paper Towels. Northern Paper Mills. 26,053; June 5.

No. 2 Tru Lite Acme. For Lamp Chimneys. Gill Brothers Company. 25,931; May 15.

No. 2 Tru Lite O. K. For Lamp Chimneys. Gill Brothers Company. 25,932; May 15.

Nothrow Piston Rings. For Piston Rings. Nothrow Piston Ring Co. 26,538; Nov. 13.

Alphabetical list of labels registered—Continued.

Novak, Leo V. (See Lindeman, G. D., and Novak.)
Nulusta Shoe Polish. For Tubes and Cartons Containing Shoe Polish. Nulusta Company. 26,635; Dec. 4.
Nut and Fruit Chocolates. For Nut and Fruit Chocolates. Huyler's. 26,566; Nov. 20.
"Nutr-O-Life Bread." (For Loaves of Bread.) American Bakery Company. 25,649; Feb. 27.
Nutty Notion Nougat. For Candy. H. Dilas. 25,855; Apr. 24.
Nu-Type. For a Preparation Used for Cleaning Metal Type and Stamps. C. E. Tidwell. 25,803; Apr. 3.
Nyanza. For Toilet Paper. National Paper Products Company. 25,887; May 1.
Odex. For a Foot Medicine for Treating the Feet. Odex Products Company. 26,462; Oct. 2.
Ohio Salt Co., The, Wadsworth, Ohio. Purex. For Salt. 26,092; June 12.
Old Mission Toffee. For Toffee Candy. Geo. Haas & Sons. 26,372; Sept. 11.
"Old Virginia Café-Sweet Chocolate." (For Milk Chocolate.) W. H. Baker, Inc. 25,624; Feb. 20.
"Old Woman and Her Pig." (For the Cover of a Game Box.) Noble and Noble. 25,633; Feb. 20.
Olio D'Oliva Puro. For Imported Italian Olive Oil. A. Antoniadis. 26,104; June 26.
One Biscuit Morning, Noon & Night. For Biscuits. Standard Biscuit Company. 26,063; June 5.
Oriental Mystic Game. For Games. W. Wendtland. 26,435; Sept. 25.
Original Weinger's Best Look For The Name Of S. Weinger On Every Carton. For Cartons Containing Eggs. S. Weinger. 26,038; May 29.
Otter. For Toilet Paper. National Paper Products Company. 25,981; May 22.
Oxidene. For Powder for Malodorous, Galled, Calloused, Cracked, or Sore Feet, Body-Perspiration Odors, Sunburn, and Prickly Heat. Realneed Products Co. 26,192; July 10.
"$1000 00 Guaranteed Ant-Bane." (For a Carton Inclosing an Insecticide Preparation for Killing Ants.) B. Heller & Company. 25,585; Feb. 13.
$1000.00 Guaranteed Auto Glo. For An Automobile and Wood Polish. B. Heller & Company. 26,082; June 12.
$1000.00 Guaranteed Enamel Cleaner. For A Preparation for Cleaning Enamel and Porcelain Ware. B. Heller & Company. 26,080; June 12.
"$1000.00 Guaranteed Flea Killer." (For Cartons Inclosing an Insecticide Preparation for Killing Fleas.) B. Heller & Company. 25,702; Mar. 13.
$1000.00 Guaranteed Moth Killer. For Insecticide Preparation for Killing Moths and Carpet Beetles. B. Heller & Company. 26,079; June 12.
$1000.00 Guaranteed Ozo Waste Pipe Opener. For A Drain Pipe Cleaner and Solvent. B. Heller & Company. 26,081; June 12.
"$1000 00 Guaranteed Pure Vanilla Extract." (For Containers Holding a Pure Vanilla Extract for Use in Flavoring Food Products and Confectionery and Ice Cream.) B. Heller & Company. 25,587; Feb. 13.
"$1000.00 Guaranteed Rat and Mice Killer." (For a Carton for Inclosing an Insecticide Preparation for Killing Rats and Mice.) B. Heller & Company. 25,586; Feb. 13.
"$1000.00 Guaranteed Silver Polish." (For Cartons for Inclosing a Dry Powder Polish for Use on Precious Metals.) B. Heller & Company. 25,584; Feb. 13.
"P W Globe Quality." (For Paper of All Kinds.) Parsons & Whittemore Inc. 25,607; Feb. 13.
"Pa an Ma." (For Pickles.) American Pickle & Canning Company. 25,567; Feb. 13.
Pabst Corporation, Milwaukee, Wis. Che-Rene. For a Carbonated Beverage. 26,141; June 26.
Pabst Corporation, Milwaukee, Wis. Grap-Di-Vine. For a Carbonated Beverage. 26,142; June 26.
Pabst Malt Syrup. For Malt Sirup. Pabst Corporation. 26,187; July 10.
Pabst Sheboygan. For Ginger Ale. Pabst Corporation. 26,385; Sept. 11.
Pack-O Whipped Cream. For Whipped Cream. C. Seidler; 26,034; May 29.
Paint—Varnish. For Paints and Varnishes. Pittsburgh Plate Glass Company. 25,843; Apr. 17.
Palladium Paints. For Paints. Dixie Paint Company. 26,519; Nov. 13.
"Paradise." (For Hair Nets.) Ego Trading Corporation. 25,734; Mar. 20.
Parfait. For Powder Puffs. Hardy, Newman & Co. 26,228; July 17.
Paristyle. For Hair Nets. Paristyle Novelty Co. 26,429; Sept. 25.
Park's Original. For Ginger Ale. Waukesha Silurian Water Co. 25,992; May 22.
Par-Lin Hair Net. For Hair Nets. Ad-Packed Hair Net Co. 25,787; Apr. 3.
Parodi Cigar Co., Inc., Jersey City, N. J. Conte Verde. For Cigars. 26,093; June 12.
Parodi Cigar Co., Inc., Jersey City, N. J. Kentucky Chimney. For Cigars. 26,094; June 12.
Parodi Cigar Co., Inc., Jersey City, N. J. Leone di San Marco. For Cigars. 26,095; June 12.
Parodi Cigar Co., Inc., Jersey City, N. J. Blacky. For Cigars. 26,096; June 12.
Parodi Cigar Co., Inc., Jersey City, N. J. Il Progresso. For Cigars. 26,097; June 12.
Parry's Vegetable Compound. For Vegetable Compound. Parry Vegetable Compound Co. 26,386; Sept. 11.
Patch-O-Paint. For an Enamel for Metal Surfaces. B. D. K. Company. 25,792; Apr. 3.
Paul Dresser. For Cigars. V. Levor. 26,723; Dec. 25.
Pax 2 New Life Savers. For a Blood Builder and Nervine and a Healing Extract, for Inside Bath. Pax-American Cross Chemical Co. 26,539; Nov. 13.
Payne, Edward B., Berkeley, Calif. The Omar Loaf. For Bread. 26,143; June 26.
P-B. For Soap Flakes. Prouty-Bowler Soap Co. 25,902; May 1.
Peacock Pale Amber Sparkling Ginger Ale. For Ginger Ale. Weisbrod & Hess Brewing Company. 26,594; Nov. 20.
"Peak Fono-tell Dance Instruction." (For Phonograph Records.) W. C. Peak. 25,551; Feb. 6.
Peck's Pure Paints. For Paint. E. C. Peck. 26,353; Sept. 4.
Penela. For Hair Nets. Rieser Company. 26,198; July 10.
"Pep." (For Cereal Foods.) Kellogg Toasted Corn Flake Co. 25,689; Mar. 6.
Pepkik. For Hamburger-Sausage Sandwiches. J. Hirschman. 26,048; June 5.
Pepper Sauce. For West Indian Pepper Sauce. E. Murdock. 26,256; July 24.
Pepsid. For a Preparation for Indigestion. Cofield Laboratories, Inc. 26,602; Dec. 4.
Percy Pierce Package. For Cartons Containing Ice Cream. P. Pierce. 25,901; May 1.
Perfection. For Ice Cream. Menasha Printing and Carton Company. 26,694; Dec. 18.
Perry's. For Ice Cream. Menasha Printing and Carton Company. 26,693; Dec. 18.
Personality Linen. For Boxes Containing Stationery. Western Tablet and Stationery Company. 26,208; July 10.
Perspero. For a Composition of Matter Used for the Toilet. M. W. Levkowicz. 26,254; July 24.
Per-Spire-Gone. For an Antiseptic and Deodorant. G. L. Margowski. 26,349; Sept. 4.
"Peter Knick Let his family serve your family." (For Hose. A. Thompson Co. 25,521; Jan. 30.
Peter-Pan. For Corn. Inderrieden Canning Co. 26,233; July 17.
Peter-Pan. For Peas. Inderrieden Canning Co. 26,232; July 17.
Peter Squirrel. For Cake Chocolate. Ideal Cocoa & Chocolate Co. 26,415; Sept. 25.
Pheasant. For Toilet Paper. National Paper Products Company. 25,980; May 22.
Philadelphia Double Strength. For Malt Extract. Philadelphia Malt Extract Co. 26,674; Dec. 11.
Philco Hair Net. For Hair Nets. Ad-Packed Hair Net Co. 25,773; Apr. 3.
Phillips, Harry L., & Alverda B. Phillips, Wichita, Kans. Brook-Hill Water. For Bottled Water and Water Supplied in Other Containers. 26,144; June 26.
Phillips Minute Rice. For Rice. S. M. Phillips. 26,639; Dec. 4.
Phillips Waffle and Pancake Flour. For Waffle and Pancake flour. S. M. Phillips. 26,638; Dec. 4.
Phosphorcin. For a Tonic for the Nervous System. Organic Preparations Co. 26,427; Sept. 25.
Phosphorcin. For a Tonic for the Nervous System. Organic Preparations Co. 26,428; Sept. 25.
"Pickaninny Peanuts." (For Packages Containing Peanuts and Peanut Products.) Peanut Growers Association. 25,552; Feb. 6.
Picture Alphabetic Prize Candy Box. For Candy and a Prize. Leader Novelty Candy Company. 26,293–305; Aug. 7.
Piedigrotta. For Italian Peeled Tomatoes. P. Pastene & Co. 25,986; May 22.
Piper's Ice Cream. For Ice Cream. Menasha Printing and Carton Company. 26,384; Sept. 11.
Pipian Ranchero. For a Mixture of Dried Chili, Spices, and Cereals. P. Baca. 25,995; May 29.
Pitirre. For Paper Bags. U. S. Paper Goods Co. 26,155; June 26.
Piute. For Toilet Tissue Paper. National Paper Products Company. 25,889; May 1.
Platenole. For a Preparation for Treating Typewriter Rollers. J. E. Fuller. 26,611; Dec. 4.
Play Balls. For Sponge-Rubber Balls. Faultless Rubber Company. 26,224; July 17.
Plzenske. For Malt Extract. M. Hinko. 26,563; Nov. 20.
Pocket Radio. For Pocket Radio Receiving Sets. Auto Indicator Company. 25,791; Apr. 3.
Pokodot. For Pancake Flour. Pokodot Cereal Company. 26,145; June 26.
Pokodot Cereal Company, Fargo, N. Dak. Pokodot. For Pancake Flour. 26,145; June 26.
Pokodot Cereal Company, Fargo, N. Dak. Dwarfies. For Breakfast Food. 26,146; June 26.
Pom-Po-Lay. For Preparation Suitable for the Treatment of the Hair. G. H. Weyer. 25,948; May 15.
Pom-Ora. For Nonalcoholic Beverages. Florida Products Company. 25,794; Apr. 3.

PorceVeneer. For Dental Crowns and Bridges. C. Bechtold. 26,041; June 5.
Portage Hair Net. For Hair Nets. Ad-Packed Hair Net Co. 25,785; Apr. 3.
Portola. For Sardines. K. Hovden Co. 25,856; Apr. 24.
Praz Droy. For Malt Extract. C. F. Vrhel. 26,068; June 5.
"Prepared Almonds Oriental Process O. and O. Co. Manufacturers and Importers." (For Prepared and Packaged Nuts.) C. Olmstead. 25,672; Feb. 27.
"Preston's Gold Seal Flour." (For Sacks Containing Flour.) Preston Milling Co. 25,608; Feb. 13.
Pretty baby. For Canned Citrous Fruits. W. E. Lee & Co. 26,454; Oct. 2.
Pre-War. For Cans and Boxes Containing Cigars. E. P. Gillespie. 25,815; Apr. 10.
Prince. For Cake Chocolate. Ideal Cocoa & Chocolate Co. 26,416; Sept. 25.
Prince Charming. For Candy. E. E. Hoffmann Candy Co. 26,618; Dec. 4.
Priscilla Tissue. For Dry Goods—Namely, Cotton and Linen Cloth. Farley Harvey Company. 26,392; Sept. 18.
Progress. For Writing Tablets. Kalamazoo Stationery Co. 26,524; Nov. 13.
Puget Sound. For Blackberries. G. H. Bradt. 26,002; May 29.
"Puncher." (For Boxes Containing Cigars.) S. Goldberg. 25,537; Feb. 6.
Pure Food. For Butter. Menasha Printing and Carton Company. 26,725; Dec. 25.
Pure Honey. For Honey. A. I. Root Company. 26,584; Nov. 20.
Purex. For Salt. Ohio Salt Co. 26,092; June 12.
Pussy Silver Legs. For Infants' Hose. Hub Hosiery Mills. 25,959; May 22.
Puyallup. For Red Raspberries. G. H. Bradt. 25,999; May 29.
"Pyo-Rem Dental Cream." (For Dental Cream.) J. J. Nesom. 25,547; Feb. 6.
Quality. For Butter. Menasha Printing and Carton Company. 26,695; Dec. 18.
Quality Fabrics. For Quality Fabrics of Cotton Duck and Dyed, Printed, and Painted Cotton Fabrics. Foster & Stewart Company. 25,954; May 22.
R. S. V. P. For Candy. Robert A. Johnston Co. 25,858; Apr. 24.
Radcose. For a Nonfreezing Solution for Automobile, Truck, and Tractor Radiators. Lee-Strauss Co. 26,687; Dec. 18.
"Radio." (For Malt Extracts.) Henning Wennersten Incorporated. 25,591; Feb. 13.
"Radio Pup." (For a Sandwich Composed of a Bun and a Sausage.) M. Solmson. 25,501; Jan. 23.
"Radium." (For Chewing Gum.) W. J. White. 25,564; Feb. 6.
"Radium Beauté Clay." (For Beauty Clay.) C. C. White. 25,503; Jan. 23.
Radium Brand Select Early June Peas. For Canned Peas. Beaver Canning Company. 26,715; Dec. 25.
Rainbow. For Salt. Bevis Rock Salt Co. 25,848; Apr. 24.
Rainbow Brand Creamery Butter. For Butter. Menasha Printing and Carton Company. 26,531; Nov. 13.
Rainbow-Sundae. For Ice-cream Tops and Cake Icing. Atlas Candy Company. 26,366; Sept. 11.
Raisin Bread Made With Sun-Maid Raisins. For Bread. Menasha Printing and Carton Company. 26,351; Sept. 4.
Rajah. For Cake Chocolate. Ideal Cocoa & Chocolate Co. 26,418; Sept. 25.
"Ravenite Fabrics." (For Cotton Piece Goods, More Definitely Sateens.) Jenkins, Kreer & Co. 25,703; Mar. 13.
Rawleigh's Good Health Talcum. For Talcum. W. T. Rawleigh Company. 26,191; July 10.
"Raybrook." (For Blackberries.) Ray-Maling Co. 25,639; Feb. 20.
"Raycrest." (For Loganberries.) Ray-Maling Co. 25,556; Feb. 6.
"Raycroft." (For Loganberries.) Ray-Maling Co. 25,555; Feb. 6.
"Raymal." (For Loganberries.) Ray-Maling Co. 25,557; Feb. 6.
"Raymondè." (For Ladies' Hats.) Gould Millinery Co. 25,630; Feb. 20.
"Rayvale." (For Pears.) Ray-Maling Co. 25,554; Feb. 6.
Real Human Hair Net. For Hair Nets. N. B. Cohen & Bro. 25,849–50; Apr. 24.
Real Human Hair Net. For Hair Nets. N. B. Cohen & Bro. 25,852; Apr. 24.
Real Silk Guaranteed Hosiery. For Hosiery. Real Silk Hosiery Mills. 26,147; June 26.
Real Silk Guaranteed Hosiery. For Hosiery. Real Silk Hosiery Mills. 26,258–9; July 24.
Real Silk Hosiery Mills, Indianapolis, Ind. Real Silk Guaranteed Hosiery. For Hosiery. 26,147; June 26.
Real Silk Hosiery Mills, Indianapolis, Ind. Real Silk Super-Service Socks. For Hosiery. 26,148; June 26.
Real Silk Super-Service Socks. For Hosiery. Real Silk Hosiery Mills. 26,148; June 26.
Reali-Good Butter. For Butter. Menasha Printing and Carton Company. 26,380; Sept. 11.
Reckord Brand Tomatoes. For Cans Containing Tomatoes. Reckord Bros. 26,193; July 10.
Red Boy. For Fresh Apples. Smith & Holden. 26,644; Dec. 4.
Red Girl. For Fresh Apples. Smith & Holden. 26,643; Dec. 4.
Red Indian Brand Finishing Lime. For Lime Barrels. Missisquoi Lime Works, Inc. 26,139; June 26.
Red Mill. For Hosiery. Red Mill Hosiery Co. 26,333–4; Aug. 14.
Red Wing. For Apples. Touchet Valley Co. 26,589; Nov. 20.
Reich, B. C., & Son. (See Menasha Printing and Carton Company, assignor.)
Rejuven. For Bird-Food Preparation. W. B. Madder. 25,975; May 22.
Reliable Brand. For Butter. Menasha Printing and Carton Company. 26,135; June 26.
"Relief for Hay Fever and Rose Fever." (For a Medicinal Preparation for the Relief of Hay Fever and Rose Fever.) Rose Brand Co. 25,641; Feb. 20.
Rem. For a Medicine for Coughs. Maryland Pharmaceutical Company. 26,493; Oct. 16.
"Resolute." (For Toilet Paper.) National Paper Products Company. 25,715; Mar. 13.
Reynolds' Reliance. For Coffee. Wm. T. Reynolds & Co. 26,196; July 10.
"Rhopac" Flexible Metallic Packing. For Packing. Chicago Metallic Packing Co. 26,266; July 31.
"Rhopac" Piston Head Packing for Inside Packed Type Pumps. For Packing. Chicago Metallic Packing Co. 26,321; Aug. 14.
"Rhopac" Valve Stem Rod and Plunger Packing. For Packing. Chicago Metallic Packing Co. 26,320; Aug. 14.
Rice Hearts. For Cereal Products. Perfection Products Company. 25,842; Apr. 17.
Rich's Best. For Rolled Oats. Rich Brothers Cereal Company. 26,197; July 10.
Ridgecrest. For Dried Prunes. Coykendall, Inc. 26,664; Dec. 11.
Riverdale. For Creamery Butter. John Morrell & Co. 26,699; Dec. 18.
Riverdale. For Sugar Peas. John Morrell & Co. 26,700; Dec. 18.
Robin Brand. For Pure Ribbon Cane Sirup. Robinson Syrup Co. 26,463; Oct. 2.
Robin Hood. For Bread. Saniwax Paper Co. 26,262; July 24.
Rogers Developing Powders. For Containers for a Powder for the Developing of Latent Prints. W. J. Rogers. 25,943; May 15.
Rogers Hair Net. For Hair Nets. Ad-Packed Hair Net Co. 25,790; Apr. 3.
Romolo. For Macaroni. R. C. Ajello. 26,161; July 10.
"Rosemary Undergarments." (For Boxes Containing Silk Undergarments.) Hughes & Bradley Co. 25,594; Feb. 13.
Rosen's Peanut Brittle. For Peanut Brittle. E. Rosen Company. 26,703; Dec. 18.
Rose's Pure Honey. For Honey. S. B. Rose. 26,505; Oct. 30.
Roszell's Mallo-Nut. For Chocolate Bars. J. D. Roszell. 25,825; Apr. 10.
"Round Pep Sand The Lost Key To Health." (For Purified Insoluble Sand.) "Pep" Sand Company. 25,722; Mar. 13.
Rovina. For Hair Nets. Rieser Company. 26,199; July 10.
Rowles Red Pepper Rub. For Cartons or Boxes Inclosing or Containing the Compound Described Therein. J. F. Murray. 26,257; July 24.
"Royal Grapefruit." (For Canned Grapefruit.) Florida Grapefruit Canning Co. 25,628; Feb. 20.
Royal Muslin. For Muslin. Isser Reznik's Sons. 26,234; July 17.
Royall's French Salad Dressing. For French Salad Dressing. Charles F. Mattlage & Sons Inc. 26,130; June 26.
"Royalty." (For Cigars.) D. Gibson. 25,487; Jan. 23.
S & M Spot-Lite. For Electric Spotlights. S. & M. Lamp Co. 26,463; Oct. 2.
S and W. For Canned Grapefruit. Sussman, Wormser & Co. 26,706; Dec. 18.
S and W Calasia Figs. For Whole Figs Canned, Preserving Natural Flavor of Fresh Figs. Sussman, Wormser & Co. 26,705; Dec. 18.
Saigo. For Varnish. M. Gordon. 25,796; Apr. 3.
Salem. For Pears. Northwest Fruit Products Company. 26,243; July 17.
Sally Brown. For Bread. D. P. Woolley. 26,218; July 10.
Salt. For Salt. International Salt Company. 26,449; Oct. 2.
Salt Water Taffy. For Candy. James Brothers. 26,084; June 12.
Sampson. For Malt Sirup. Independent Breweries Company. 25,961; May 22.
San Marco. For Macaroni. Roman Macaroni Co. 25,904; May 1.

Sandefur, Charles O., doing business as Sandefur's Cereal Mill, Owensboro, Ky. Vitacreme Pancake Flour. For Cereal Products. 26,054; June 5.

Sandefur, Charles O., doing business as Sandefur's Cereal Mill, Owensboro, Ky. Vitems of Corn. For Cereal Products. 26,055; June 5.

Sandefur, Charles O., doing business as Sandefur's Cereal Mill, Owensboro, Ky. Vitawheat Flour. For Cereal Products. 26,056; June 5.

Sandefur, Charles O., doing business as Sandefur's Cereal Mill, Owensboro, Ky. Marvel Meal. For Cereal Products. 26,057; June 5.

Sandefur, Charles O., doing business as Sandefur's Cereal Mill, Owensboro, Ky. Marvel Hog Chops. For Cereal Products. 26,058; June 5.

Sandefur, Charles O., doing business as Sandefur's Cereal Mill, Owensboro, Ky. Marvel Scratch Feed. For Cereal Products. 26,059; June 5.

Sandefur, Charles O., doing business as Sandefur s Cereal Mill, Owensboro, Ky. Marvel Chick Feed. For Cereal Products. 26,060; June 5.

Sandefur, Charles O., doing business as Sandefur's Cereal Mill, Owensboro, Ky. Vitems of Wheat. For Cereal Products. 26,061; June 5.

Sandefur, Charles O., doing business as Sandefur's Cereal Mill, Owensboro, Ky. Vita Wheat. For Cereal Products. 26,062; June 5.

Sandhill. For Peaches. Sandhill Fruit Growers Association. 26,261; July 24.

Sandwich Relish. For Relish. Henard Mayonnaise Company. 26,668; Dec. 11.

"Sanicovers." (For Packages Containing Toilet Closet Seat Covers.) Sanitary Toilet Company. 25,693; Mar. 6.

Sans Crème. For Boxes Containing Chocolates. Milwaukee Paper Box Company. 26,459; Oct. 2.

Save Your Hair Haironna Don't Get Bald. For a Hair Tonic. M. J. Bidwell. 26,405; Sept. 25.

Savoly K Y X. For Powder Finger-Nail Polish. Armand Company. 26,598; Dec. 4.

"Say it with Flowers." (For Flowers.) Dragon Paper Mfg. Co. 25698–700; Mar. 13.

School Days Brand Wisconsin Sweet June Sweet Variety Peas Size 5. For Canned Peas. Beaver Canning Company. 26,714; Dec. 25.

Scot Toilet Paper. For Toilet Paper. Scott Paper Company. 25,920; May 8.

Scotch Bob Butter Scotch Ice Cream. For Butter-Scotch Ice Cream. Kay-White Products, Inc. 26,722; Dec. 25.

"Scotch Process Oats." (For Packages Containing Rolled Oats.) Northern Illinois Cereal Company. 25,670; Feb. 27.

Scott Paper Company, Chester, Pa. No. 04 Mirror and Scottissue Towel Holder. For Cartons for Shipping Combination Mirrors and Towel Holders. 26,098–9; June 12.

Scottie. For Peas. A. Kickbusch Grocery Company. 25,860; Apr. 24.

Scout Notes. For Blank Notebooks and Memorandum Pads. H. J. Lichtenberger. July 17.

Seaside. For Gasoline. Seaside Oil Company. 26,245; July 17.

Seaware. For Paint. J. W. Merriman. 26,276; July 31.

Select Brand. For Cartons for Butter. Menasha Printing and Carton Company. 25,886; May 1.

Selected Eggs. For Cartons Containing Eggs. Menasha Printing and Carton Company. 26,629; Dec. 4.

"Separable Soft Cuff Link Button." (For Cards for Mounting Cuff Buttons.) Taunton Pearl Works. 25,614; Feb. 13.

"1781." (For Cigars.) Symons-Kraussman Company. 25,613; Feb. 13.

"Sexto-Cherry." (For a Remedy for Coughs and Colds.) Sexto-Cherry M'f'g Co. 25,764; Mar. 27.

"Seybold's Sun-Maid-Raisin Bread." (For Bread.) Seybold Baking Co. 25,724; Mar. 13.

"Shammy." (For Toilet Paper.) National Paper Products Company. 25,720; Mar. 13.

Sharp's Super-Kreem Toffee. For Toffee. Edward Sharp & Sons Ltd. 26,201; July 10.

Shell. For Canned Peas. Free & Klinck, Inc. 26,553; Nov. 20.

"Shell Mound." (For Canned Apricots.) Virden Packing Company. 25,619; Feb. 13.

Shiek. For Oranges. Andrews Brothers Company. 25,804; Apr. 10.

Sigaro Vesuvio. For Boxes and Cans Containing Cigars. Parodi Cigar Co. 26,279; July 31.

Silver and Gold, Inc. The World's Standard Clothiers—Haberdashers. For Men's Clothing. Silver & Gold, Inc. 26,642; Dec. 4.

Silver-Birch. For Packages Containing Toothpicks. Minto Tooth Pick & Specialty Co. 25,801; Apr. 3.

Silver Cap. For Cigars. M. Stern. 25,866; Apr. 24.

Silver King Novelty Co. (See Williams, Ollie A.)

Sinclairs. For Cigars. J. Kerns. 26,027; May 29.

Sinco. For an Herb Remedy. C. G. Boyd. 26,470; Oct. 9.

Skeezix. For Candy. F. O. King. 26,492; Oct. 16.

Skin-Health. For Toilet Cream. A. J. Krank. 26,413; Sept. 25.

"Skookum Brand." (For Containers Containing Oysters.) Biloxi Packing & Trading Co. 25,569; Feb. 13.

Skookum Brand. For Tin Cans Containing Shrimp. Biloxi Packing and Trading Company. 25,871; May 1.

Skwez-Me A howling Success. For Skwez-Me Squawkers. W. Caldwell. 26,283; Aug. 7.

Sleep Easy Felt Mattress. For Mattresses. Knoxville Mattress Company. 26,525; Nov. 13.

Slip-Sheet Package. For Paper Specialties, and Especially on Wax Paper. Bennington Wax Paper Company. 26,042; June 5.

Slovaka Mankin. For Mankins. Freund, Freund & Company. 26,045; June 5.

Smile. For Oranges. R. Krasnow & Sons. 26,291; Aug. 7.

"Smith's Tayst-A-Won." (For Sweet Potatoes.) T. S. Smith. 25,559; Feb. 6.

"Smucker's Pure Home Made Style Apple Butter." (For Apple Butter.) J. M. Smucker Co. 25,612; Feb. 13.

Snookum Brand Fruits and Vegetables. For Fruits and Vegetables. Fegenbush & Mellen. 25,908; May 8.

"Sno-Wite The Bleach-Masque of Youth." (For a Toilet Preparation.) Alexander Laboratory. 25,623; Feb. 20.

Société. For Knitted Cravats. Holland Knitting Co. 26,249; July 24.

"Soeder's Potok." (For Cigars.) A. W. Soeder. 25,677; Feb. 27.

Solid Brass Fixture. For Lighting Fixtures. Moe-Bridges Company. 26,496; Oct. 16.

Solidified Brilliantine. For a Hair Fixative. A. J. Krank. 26,570; Nov. 20.

"Something To Crow About." (For Cartons Containing Eggs.) Spangenberg & Co. 25,726; Mar. 13.

"Sopura Special 'Safety' Shredded Soap." (For Boxes Containing Soap.) Sopura Soap Products, Inc. 25,725; Mar. 13.

Southern Cross. For Lettuce. V. M. Gerrard. 26,393; Sept. 18.

Southern Style Moist Sweetened Coconut. For Prepared Coconut. Franklin Baker Co. 26,225; July 17.

"Southland." (For Toilet Paper.) National Paper Products Company. 25,710; Mar. 13.

Southland. For Toilet Tissue Paper. National Paper Products Co. 25,892; May 1.

"Speedex Ansco Film." (For Photographic Film Cartons.) Ansco Company. 25,474; Jan. 23.

"Spestos" Furniture Polish. For a Polish for Furniture, Pianos, Woodwork, Floors, Automobiles, and the Like. Spestos Mfg. Co. 26,316; Aug. 7.

"Spestos" The Celebrated Cleaner. For a Cleaner for Painted Walls, Woodwork, Window Shades, Carpets, Autos, Upholstery, and the Like. Spestos Mfg. Co. 26,315; Aug. 7.

"Spicky." (For an Aluminum Metal Polish.) Spicky Polish Corporation. 25,645; Feb. 20.

"Splendid." (For Toilet Paper.) National Paper Products Company. 25,709; Mar. 13.

Spot Cleaner. For a Compound Used to Clean Carpets, Automobile Covers, Woodwork, Fabrics, and Leather Goods. Aristocrat Products Co. 26,509; Nov. 13.

"Squirrel." (For Toilet Paper.) National Paper Products Company. 25,711; Mar. 13.

Standard Biscuit Company, San Francisco, Calif. One Biscuit Morning, Noon & Night. For Biscuits. 26,063; June 5.

Standard Shirt. For Shirts. I. Greenberg. 26,667; Dec. 11.

Star. For Leather Dressing. Picken Chemical Company. 26,582; Nov. 20.

Star Brand Shoes are Better. For Shoes. International Shoe Company. 26,424; Sept. 25.

State. For Toilet Paper. National Paper Products Company. 25,979; May 22.

State Line. For Early June Peas. South Chicago Wholesale Grocery and Produce Company. 26,247; July 17.

Steacy-Shaeffer Tobacco Co. Inc., York, Pa. Mi-Te Good. For Tobacco. 26,149; June 26.

Stearns, Frank R., Delta, Colo. Visitor's Napkin. For Paper Napkins. 26,100; June 12.

Steele's Vana Brand Flavoring. For Flavoring Compound. R. C. Steele. 25,989; May 22.

Sterling Ice Cream. For Ice Cream. Menasha Printing and Carton Company. 26,131; June 26.

Sterling Lawn Grass Seed. For Bags Containing Sterling Lawn-Grass Seed. Northrup, King & Co. 25,841; Apr. 17.

Stetelman, Louis, Columbus, Ohio. Supreme. For Malt Extract. 26,150; June 26.

Stewart, U. S., & Bro., Baltimore, Md. Cedar Creek Steamed Crab. For Steamed Crabs. 26,151; June 26.

Stimpson, Edwin B., Company, Brooklyn, N. Y. Forked Rivets. For Rivets. 26,064; June 5.

"Stop A Leak." (For Radiator Cement.) Government Square Garage Company. 25,582; Feb. 13.

Stop Cough Chewing Gum. For Chewing Gum. S. B. Dexter. 26,337; Aug. 21.

Stop-To-Bac Chewing Gum. For Chewing Gum. S. B. Dexter. 26,338; Aug. 21.

Storck's New Life Bread. For Bread. Menasha Printing and Carton Company. 26,724; Dec. 25.

"Storck's New Life Bread." (For Bread.) Storck Baking Company. 25,695; Mar. 6.
Stork Band for Cigars. For Cigars. O. E. King. 26,421; Sept. 25.
Stormshield Liquid, The Roof that's Waterproof. For Protective Coatings for Roofs and the Like. F. I. Siegel & Son. 26,246; July 17.
Strait, J. H., & Company, Redlands, Calif. Canyon Crest. For Valencias. 26,152; June 26.
"Strong." (For the Containers of Cigars and Tobacco.) F. Dovichi. 25,481; Jan. 23.
Sugar Loaf. For Wrappers for Bread. Menasha Printing and Carton Company. 26,136; June 26.
Sugar Spread. For a Confection for Use as an Icing. Kellogg-Birge Company. 25,820; Apr. 10.
Sumner. For Blackberries. G. H. Bradt. 26,001; May 29.
Sunbeam. For Cigars. Austin, Nichols & Co. 26,546; Nov. 20.
Sunday. For Canned Sauerkraut. Hamilton & Sons Canning Co. 26,116; June 26.
Sundew. For Canned Succotash. Free & Klinck, Inc. 26,554; Nov. 20.
Sun-E-Isle Grape Fruit. For Grapefruit. Kopf Bros. Co. 26,348; Sept. 4.
Sunflower. For Roofing. Foster Lumber Company. 26,167; July 10.
Sungloss. For Cans, Bottles, and Boxes Containing Polishes for Automobiles. W. H. Gould. 25,817; Apr. 10.
Sun-Maid Raisinut Chocolates. For Boxes Containing Chocolates. Sun-Maid Raisin Growers. 26,202–4; July 10.
Sunny Jim. For Prunes. J. G. Shaw. 26,586; Nov. 20.
Sun Reign. For Fresh Grapes. C. T. Johns. 26,721; Dec. 25.
Sunset. For Sacks Containing Salt. Bevis Rock Salt Co. 25,949; May 22.
"Sunset Club." (For Coffee.) Joannes Bros. Co. 25,512; Jan. 30.
Sunset Club. For Grape Punch and Other Flavors of Carbonated Beverages. Sunset Club Bottling Co. 26,647; Dec. 4.
Sunset Label. For Calf Leather. Barnet Leather Co. Inc. 25,828; Apr. 17.
Sunshine Polish. For Preparation for Cleaning and Polishing Automobiles. C. A. Payne. 25,919; May 8.
"Sunshine Straws." (For Boxes of Paper Drinking Straws.) A. Herz. 25,735; Mar. 20.
Super-Bond Vellum. For Special Tracing Papers. Special Paper Mfg. Co. 26,646; Dec. 4.
Superfine. For Bread. D. P. Woolley. 26,216; July 10.
Supergloss. For Auto and Furniture Polish. Realneed Products Co. 25,903; May 1.
Supertwist. For Cotton Piece Goods. American Printing Company. 26,491; Oct. 16.
Supreme. For Malt Extract. L. Stetelman. 26,150; June 26.
Supreme Vellum. For Special Tracing Papers. Special Paper Mfg. Co. 26,645; Dec. 4.
Susquehanna Brand Tomatoes. For Cans Containing Tomatoes. Reckord Bros. 26,194; July 10.
"Sutter Club." (For Canned Bartlett Pears.) Virden Packing Company. 25,678; Feb. 27.
Swantex Products Corporation, New York, N. Y. Swantex Sanitary Napkins. For Packages and Cartons of Sanitary Paper Napkins. 26,065; June 5.
Swantex Sanitary Napkins. For Packages and Cartons of Sanitary Paper Napkins. Swantex Products Corporation. 26,065; June 5.
Sweet Briar Graham Flour. For Flour. B. Mills. 25,808; Apr. 10.
Sweet Clover Creamery Butter. For Creamery Butter. Sweet Clover Dairy Co. 26,466; Oct. 2.
Sweethome Chocolates. For Chocolates. Apex Chocolate Company. 26,162; July 10.
Sweetie. For Cake Chocolate. Ideal Cocoa & Chocolate Co. 26,422; Sept. 25.
"Taffy Tavern Candies." (For Display Racks for Dispensing Lollipops.) J. L. Goss. 25,581; Feb. 13.
Taggart Baking Company, Indianapolis, Ind. Alaskan. For Sugar Wafers. 26,153; June 26.
"Tailors Diamond Edge Crayons." (For Containers Containing Crayons.) Western Chalk Mfg. Co. 25,502; Jan. 23.
"Taiyo Brand (The Great Ocean)." (For Cans Containing Crab Meat or the Like.) Taiyo Trading Company. 25,766; Mar. 27.
"Tansy, Pennyroyal and Cotton Root Sunbeam Brand." (For Boxes Containing Pennyroyal, Tansy, and Cotton-Root Pills.) A. Wilner. 25,504; Jan. 23.
"Tar Naphthaline." (For Preservative Compounds.) E. J. Trum, Inc. 25,767; Mar. 27.
Tastum. For a Sandwich Made of Milk Crackers and Cheese. Crawford Farms, Incorporated. 26,477; Oct. 9.
Tedello. For Cigars. Delphia Cigar Co. 26,005; May 29.
Tempt-Her. For Candy. Chas. Weinhagen & Co. 26,158; June 26.
Tender Crust. For Bread. D. P. Woolley. 26,209; July 10.
Testo. For Canned Sauerkraut. Hamilton & Sons Canning Co. 26,117; June 26.
Texas Citrus Fruit Growers Exchange. For Citrous Fruit Wrappers. Texas Citrus Fruit Growers Exchange. 26,648; Dec. 4.
The Best Nipple. For Pipe Nipples. Fred Pabst Company. 26,189; July 10.
The Best Tonic. For General Medicinal Tonic. Pabst Corporation. 26,186; July 10.
The Bissinger Hat. For Hats. G. H. Bissinger. 25,807; Apr. 10.
"The Bridal Blossom Band." (For Wedding Rings.) I. Schiffman. 25,609; Feb. 13.
The Chocolate Rooster. For Cake Chocolate. Ideal Cocoa & Chocolate Co. 26,421; Sept. 25.
The Chocolate Soldier. For Cake Chocolate. Ideal Cocoa & Chocolate Co. 26,423; Sept. 25.
"The Demon Chimney Cleaner." (For a Compound for Cleaning Chimneys.) F. R. Watt. 25,622; Feb. 13.
The Dr. Butler Tooth Brush. For Toothbrushes. J. O. Butler. 26,339; Sept. 4.
The Dubl-Wear Shirt. For Men's Shirts with Soft or Unstarched Cuffs. S. V. Gardiner. 25,814; Apr. 10.
The Embossing Company's Everedy Modelling Material. For Plastic Compositions or the Like for Modelling Purposes. Embossing Company. 26,607; Dec. 4.
The every day under arm toilette. For a Vanishing-Cream Deodorant. Odorono Company. 26,498; Oct. 16.
The Fiery Cross—The Great Ku Klux Problem. For a Game Problem. G. E. Badger. 26,710; Dec. 25.
"The Genuine Safety Cushion Heel." (For Rubber Heels.) Genuine Rubber Co. 25,580; Feb. 13.
"The Hall of Bakery Fame." (For Bread.) Hall Baking Co. 25,659; Feb. 27.
"The Hamersley Roll." (For Waxed Paper.) Hamersley Manufacturing Co. 25,660; Feb. 27.
The Ideal Tip Match. For Matches. W. E. Standley. 26,336; Aug. 14.
The Invisible Touch That Means So Much. For Hair Nets. Samstag & Hilder Bros., Inc. 26,432; Sept. 25.
The Judge. For Cigars. G. H. Thompson. 26,541; Nov. 13.
"The K. R. (For Cans Containing Pure Malt Extracts.) S. Katz. 25,491; Jan. 23.
The Kristo Board. For a Child's Drawing Board. Crawford-Rooney-Soderlund. 26,445; Oct. 2.
The Laura Net. For Hair Nets. C. K. Thau. 26,678; Dec. 11.
The Little Wonder Spot Chaser. For Cleansing Fluid. M. Wolf. 26,403; Sept. 18.
"The Misty Way." (For Containers of a Surface Cleaning and Polishing Composition.) Mist-O-Ene Manufacturing Co. 25,605; Feb. 13.
The Mystic Finger. For a Toy. Block-Walsh Corporation. 26,163; July 10.
"The Mother Goose Series." (For Sweaters.) Manhattan Knitting Mills, Inc. 25,740; Mar. 20.
The Old Fashioned Kind. For Vanilla. M. G. Webb Flavoring Products Co. 26,362; Sept. 4.
"The Only Brand Coffee." (For Coffee.) W. Coninx. 25,748; Mar. 27.
The Omar Loaf. For Bread. E. B. Payne. 26,143; June 26.
"The Original Old French Olive Oil Shampoo." (For Shampoo.) J. F. Gaffney. 25,536; Feb. 6.
"The Park & Pollard Co. Bonnie Booster Chick Feed." (For Poultry Food.) Park & Pollard Company. 25,550; Feb. 6.
"The Park & Pollard Co., 'Lay or Bust' Poultry Feeds." (For Poultry Feeds.) Park & Pollard Company. 25,549; Feb. 6.
"The Patent 'Perfect Part' Toupee." (For Toupees.) Emmelin & Winter. 25,482; Jan. 23.
"The Perfect Perfectol Motor Oil." (For Lubricating Oils and Greases.) U. S. Oil Company. 25,727; Mar. 13.
"The Pride." (For Washboilers.) M. Kamenstein. 25,542; Feb. 6.
The Rose of Guadalupe (La Rose de Guadalupe). For Face Powder. E. Haslett. 26,288; Aug. 7.
"The Rose of Kansas." (For Roasted Coffee.) Ennis-Hanly-Blackburn Coffee Co. 25,531; Feb. 6.
The Shingle Beautiful. For Shingles. T. A. Bruett Lumber, Inc. 26,265; July 31.
The Sweet Heart of Flowers. For Honey Butter. Foster Honey and Mercantile Company. 25,953; May 22.
The Teachewrself Dance Record. For Dance Records. M. F. Trostler. 26,357; Sept. 4.
"The Three Bears." (For the Cover of a Game Box.) Noble and Noble. 25,635; Feb. 20.
"The Tidbit Package." (For a Special Assortment of Bonbons and Chocolates.) Huyler's. 25,595; Feb. 13.
The Variety Box. For Candy. Norris Inc. 26,185; July 10.
"Thibeault's New Discovery." (For Containers Filled With This Liquid Remedy as Medicine for Cattle, Horses and Hogs.) V. Thibeault. 25,615; Feb. 13.
Thomas J. Webb. For Coffee. Thomas J. Webb Company. 26,733; Dec. 25.
3 Cell Eveready Flashlight Battery. For Electric Batteries. National Carbon Company. 26,183; July 10.

Alphabetical list of labels registered—Continued.

Tiny Pops. For Stick Candy. Davis-Reece Co. 26,370; Sept. 11.
Tissue. For Dry-Goods—Namely, Cotton and Linen Cloth. Farley Harvey Company. 26,407; Sept. 25.
Todd's Old Virginia Hams. For Hams. E. M. Todd Co. 25,922; May 8.
Toddy. For a Food Drink Consisting of Powdered Malt, Milk, Cocoa, and Sugar. J. W. Rudhard. 26,487; Oct. 9.
Toilet Water. For Toilet Water. Toilet Products "A" Co. 26,356; Sept. 4.
"Toot Sweet" Marshmallow Fluff. For Marshmallow Fluff. Durkee-Mower & Co. 26,223; July 17.
"Tootsi Infants Hose." (For Boxes Containing Infants' Hose.) Sklaroff Bros. 25,694; Mar. 6.
Topaz Dairy. For Butter. Menasha Printing and Carton Company. 26,382; Sept. 11.
Toscani Marca Avanti. For Cigars. Petri Cigar Co. 26,033; May 29.
T-O-T Turnover Gas Toaster. For Bread Toasters. Turn-Over-Toaster Company. 26,154; June 26.
Travelers. For Dried Raisins. A. M. Biddle. 25,870; May 1.
Treasure Chest. For Phonograph Records. C. Bruno & Son, Inc. 26,442; Oct. 2.
Treasure Chest (Spanish Scenes). For Phonograph Records. C. Bruno & Son, Inc. 26,441; Oct. 2.
Treasure Island. For a Child's Game. Noble and Noble. 26,483; Oct. 9.
Trickle Ice. For Silver Ribbon Used for Christmas Trees and Other Decorations. United States Foil Company. 26,101; June 12.
Trio. For Dandruff Remover. Trio Laboratories. 26,036; May 29.
Trophy Tooth Picks. For Packages Containing Toothpicks. Hardwood Products Co. 25,799; Apr. 3.
Tropical Fruit. For Gum. Oakland Gum Company. 26,244; July 17.
True Bread. For Wrapper for Loaves of Bread. General Baking Company. 25,910; May 8.
Trumpet. For Coffee. H. P. Coffee Company. 26,516; Nov. 13.
"Trupak." (For Canned Corn.) Haas Brothers. 25,657; Feb. 27.
"Trupak." (For Canned Peaches.) Haas Brothers. 25,658; Feb. 27.
Turn-Over-Toaster Company, Inc., New York, N. Y. T-O-T Turnover Gas Toaster. For Bread Toasters. 26,154; June 26.
TuT. For Nonalcoholic Beverages. M. E. Vaughan. 26,202; July 10.
Tut-Ankh-Amen Egyptian Beauty Clay. For White Beauty Clay. H. Wakelin. 26,679; Dec. 11.
"Twelvette Chocolates." (For Candy.) H. Dilas. 25,750; Mar. 27.
"Twin Loaf." (For Bread.) South Bend Bread Company. 25,644; Feb. 20.
Twinkle. For a Metal and Glass Polish. Twinkle Polish Corporation. 26,358; Sept. 4.
U. S. Paper Goods Co., The, Cincinnati, Ohio. Pitirre. For Paper Bags. 26,155; June 26.
Ulmanite Polish. For a Polish for All Painted and Varnished Surfaces. L. S. Ulmer. 26,156; June 26.
Umaco. For Coffee. J. Zinsmeister & Sons, Incorporated. 26,160; June 26.
Uncle Wiggily. For a Pull Toy. Fred A. Wish, Inc. 26,684; Dec. 11.
Uncle Wiggily Animal Crackers. For Cracker Boxes. Fred A. Wish, Inc. 26,596; Nov. 20.
Uncle Wiggily at the Seashore. For Metallic Containers. Fred A. Wish, Inc. 26,655; Dec. 4.
Uncle Wiggily Crayola Color Box. For Crayon Boxes. Fred A. Wish, Inc. 26,683; Dec. 11.
Uncle Wiggily Toy Balloons. For Balloon Boxes. Fred A. Wish, Inc. 26,597; Nov. 20.
Uncle Wiggily Water Colors. For Paint Boxes. Fred A. Wish, Inc. 26,734; Dec. 25.
Uncle Wiggily's Balloon—Bang! For Toy Balloons. Fred A. Wish, Inc. 26,709; Dec. 18.
Uncle Wiggily's Outing. For Metallic Containers. Fred A. Wish, Inc. 26,654; Dec. 4.
Uncle Wiggily's Parade. For Toy Balloons. Fred A Wish, Inc. 26,708; Dec. 18.
Ulmer, Lewis S., Pittsburgh, Pa. Ulmanite Polish. For a Polish for All Painted and Varnished Surfaces. 26,156; June 26.
United States Blotting. For Blotting Paper. Standard Paper Manufacturing Co. 26,335; Aug. 14.
United States Bronze Powder Works. For Bronze Powder. United States Bronze Powder Works, Inc. 25,945–6; May 15.
United States Foil Company, Louisville, Ky. Trickle Ice. For Silver Ribbon Used for Christmas Trees and Other Decorations. 26,101; June 12.
"Universal's Best." (For Tomatoes.) Universal Wholesale Grocery Co. 25,561; Feb. 6.
Unrivalled Excellence. For Crackers. Green & Green Company. 26,558; Nov. 20.
Use C. W. Robb's Very Best Paints. For Packages and Barrels of Paint. C. W. Robb. 26,260; July 24.
Valdair Creamery Butter. For Butter. Menasha Printing and Carton Company. 26,134; June 26.
Valentine, Harry E., doing business as After-Shave Laboratories, Los Angeles, Calif. After-Shave. For an After Shaving Lotion. 26,157; June 26.
Valley Dairy Products Co. (See Menasha Printing and Carton Company, assignor.)
Vap. For Sterilized Evaporated Pure Skimmed Milk. Valecia Evaporated Milk Co. 26,499; Oct. 16.
Vapo Products. For a Natural Hand Cleanser. Vapo Products Co. 26,067; June 5.
Vapo Products. For Rug and Carpet Cleaning Compound. Vapo Products Co. 26,066; June 5.
Vapo Products Co., Inc. Sandpoint, Idaho. Vapo Products. For a Natural Hand Cleanser. 26,067; June 5.
Vapo Products Co., Inc., Sandpoint, Idaho. Vapo Products. For Rug and Carpet Cleaning Compound. 26,066; June 5.
Varnole. For a Liquid for Cleaning and Preserving the Luster on Automobiles and Furniture. American Manufacturing Co. 26,490; Oct. 16.
Vegetone. For Stomach Relief Remedy. E. E. Stiner. 25,944; May 15.
Velvet Brand. For Butter. Menasha Printing and Carton Company. 26,692; Dec. 18.
Velvet Lawn Grass. For Lawn Grass Seed. Fredonia Seed Company. 26,286; Aug. 7.
"Velvet-Tinge." (For Velvet-Tinge, a Face Lotion.) V. C. Honn. 25,593; Feb. 13.
Veteran. For Work Shirts for Men and Boys. Salant & Salant, Inc. 25,844; Apr. 17.
Victor Rust Proof Spring Snap Fastener. For Snap Fasteners. New York Merchandise Company. 26,460; Oct. 2.
Viennette. For Hair Nets. A. Klar. 26,461; Oct. 2.
Vieux Carré Souvenir Package. For Candies. Elmer Candy Co. 26,007; May 29.
Vim. For Cereal Food. Kellogg Company. 25,837; Apr. 17.
"Vineland Eggs." (For Eggs.) Vineland Co-Operative Poultry Association, Inc. 25,646; Feb. 20.
"Vin-Sok Tasties." (For Peaches.) Vin-Sok Food Products Corporation. 25,563; Feb. 6.
"Vise Signals." (For Vise Signals.) H. C. Cook Company. 25,654; Feb. 27.
Visitor's Napkin. For Paper Napkins. F. R. Stearns. 26,100; June 12.
Vitacreme Pancake Flour. For Cereal Products. C. O. Sandefur. 26,054; June 5.
Vita Perfecta. For a Medicinal Compound. J. O. Lemieux. 26,626; Dec. 4.
Vita Wheat. For Cereal Products. C. O. Sandefur. 26,062; June 5.
Vitawheat Flour. For Cereal Products. C. O. Sandefur. 26,056; June 5.
Vitems of Corn. For Cereal Products. C. O. Sandefur. 26,055; June 5.
Vitems of Wheat. For Cereal Products. C. O. Sandefur. 26,061; June 5.
Vitomen Shreds. For Cereal. Vitomen Cereal Company. 26,729; Dec. 25.
Vrhel, Chas. F., Chicago, Ill. Praz Droy. For Malt Extract. 26,068; June 5.
Waldes Trusty. For Cards Containing Snap Fasteners. Waldes & Company. 26,207; July 10.
"Wallace Reducing Record." (For Talking-Machine Records.) Wallace Institute. 25,679; Feb. 27.
Walters, Henry V., Long Branch, N. J. Jim Dandy. For Bread. 26,102; June 12.
Wanda Guaranteed Perfect Hair Net. For Hair Nets. Ad-Packed Hair Net Co. 25,779; Apr. 3.
Wanda Hair Net. For Hair Nets. N. Seligman. 26,281; July 31.
Ward's Breko Loaf. For Cake. Ward Baking Company. 26,361; Sept. 4.
Ward's Dainty Dimple Donuts. For Doughnuts. Ward Baking Company. 26,707; Dec. 18.
Ward's De Luxe Fruit Cake. For Cake. Ward Baking Company. 26,730; Dec. 25.
Ward's De Luxe Layer Cakes. For Cake. Ward Baking Company. 26,434; Sept. 25.
Ward's Diabetost Bread. For Bread. Ward Baking Company. 26,500; Oct. 16.
Ward's Milk-Maid Bread. For Bread. Ward Baking Company. 26,652; Dec. 4.
Ward's Mother Hubbard Bread. For Bread. Ward Baking Company. 26,360; Sept. 4.
Ward's Nonpareil Cakes. For Cake. Ward Baking Company. 26,681; Dec. 11.
"Ward's Par-Tea Pound Cake." (For Cake.) Ward Baking Company. 25,647; Feb. 20.
Ward's Sweet Rolls. For Rolls. Ward Baking Company. 26,680; Dec. 11.
Ward's White Star Bread. For Bread. Ward Baking Company. 26,653; Dec. 4.
Wasite. For Toilet Paper. National Paper Products Company. 25,983; May 22.
Watchman. For Cigars. Celestino Fernandez & Co. 26,008; May 29.
Waximac. For a Polish for Automobiles, Furniture, and Floors. Waximac Co. 26,489; Oct. 9.
We Put The 'O's In Potato's. For Potato Waffles or Chips. Kaiser-Ford Co. 26,346; Sept. 4.
Weber. For Ice Cream. Menasha Printing and Carton Company. 26,133; June 26.

Alphabetical list of labels registered—Continued.

Weber Ice Cream Co. (See Menasha Printing and Carton Company, assignor.)
Wedding Ring Coffee. For Coffee. J. Shapiro. 26,704; Dec. 18.
Weebits. For Candies and Confections. A. Bernard. 26,071; June 12.
Weinhagen, Chas., & Co., St. Paul, Minn. Tempt-Her. For Candy. 26,158; June 26.
Welch's Grapelade. For Welch's Grapelade. Welch Grape Juice Company. 26,039; May 29.
Welding Electrode. For Welding Electrodes. General Electric Company. 26,287; Aug. 7.
West Electric Hair Curler Company, Philadelphia, Pa. Every Day. For Hair Nets. 26,069; June 5.
"Western Chief." (For Canned Apricots.) Virden Packing Company. 25,621; Feb. 13.
Westland. For Toilet Tissue Paper. National Paper Products Company. 25,898; May 1.
"White Banner." (For Malt Extract.) Decatur Brewing Co. 25,574; Feb. 13.
White Circle, The Soap That Cleans So Clean. For Soap. J. Dietrich & Company. 26,222; July 17.
"White Clover." (For Corn Sirup.) Joannes Bros. Co. 25,597; Feb. 13.
White Cross. For Toilet Paper. Interlake Tissue Mills Co. 26,176; July 10.
"White Cross Malted Milk." (For Malted Milk.) White Cross Food Company. 25,743; Mar. 20.
White Flower. For Cigars. M. Wilkof. 26,402; Sept. 18.
White Horse Brand No. 1 Common Lime. For Lime Barrels. Missisquoi Lime Works, Inc. 26,138; June 26.
White Pearl Brand. For Cartons for Butter. Menasha Printing and Carton Company. 25,884; May 1.
White Pine Expectorant. For Cough Sirup. N. V. Kroeze. 25,941; May 15.
White Shellac. For Shellac. Twin City Shellac Co. 25,826; Apr. 10.
White Sulphur Springs, Inc., White Sulphur Springs, W. Va. White Sulphur Springs Water. For Mineral Waters. 26,103; June 12.
White Sulphur Springs Water. For Mineral Waters. White Sulphur Springs, Inc. 26,103; June 12.
"Whitney's Valentine Wonder Box." (For Boxes of Valentine Material.) George C. Whitney Company. 25,769; Mar. 27.
Whole Wheat Bread. For Bread. Hamersley Manufacturing Company. 26,270; July 31.
"Whole Wheat Bread." (For Bread.) Newark Paraffine & Parchment Paper Co. 25,692; Mar. 6.
William Burdell. For Cigars. A. C. Henschel & Co. 25,934; May 15.
Williams, Ollie A., doing business as Silver King Novelty Co., Indianapolis, Ind. Automatic Salesman. For a Machine Vending Packages of Confection. 26,159; June 26.
Windmill. For Oranges. James Mills Orchards Corporation. 26,577; Nov. 20.
Windsor Chocolates. For Candy. Tacoma Biscuit & Candy Company. 26,588; Nov. 20.
"Wings Of The Morning." (For Receptacles for Packaging Coffee.) A. Schilling & Co. 25,558; Feb. 6.
Winona. For Pineapple. Geo. Bubb & Sons. 26,512; Nov. 13.
Wisconsin Brand. For Canned Peas. Wisconsin State Canners Co. 26,544; Nov. 13.
Wonderlay. For Containers for Egg Mash. Wonderlay Milling Company. 25,846; Apr. 17.
Wondershine Metal Polish. For a Metal Polish. J. G. Tracey. 26,542; Nov. 13.
Wooly-Lamb. For Infants' Hose. Hub Hosiery Mills. 25,936; May 15.
World Over. For Stogies. G. Mahnken. 26,456; Oct. 2.
"Wren-Wrest." (For Bird House.) Homer Furnace Company. 25,490; Jan. 23.
Wrought Iron Fixture. For Lighting Fixtures. Moe-Bridges Company. 26,495; Oct. 16.
Wyrick. For Ginger Ale. C. F. Hagan. 25,957; May 22.
"Yankee." (For Fried Cakes and Doughnuts.) Yankee Fried Cake Co. 25,505; Jan. 23.
Yellow Cab Bar. For Candy Bars. Dr. Brown Candy Company. 26,319; Aug. 14.
Yes. For Water-Softening and Cleaning Powder. Yarger & Syler. 26,656; Dec. 6.
Yorkshire Farm. For Peanut Butter. John Morrell & Co. 26,581; Nov. 20.
Your Money Back and a New Pair of Shoes Free. For Shoes. International Shoe Company. 26,425; Sept. 25.
Youthtone. For a Cosmetic. Mrs. E. W. Ingram. 26,448; Oct. 2.
"Zanzibar Brand Writing Fluid." (For Bottles, Cans, and Cases Containing a Writing Ink for All Purposes.) B. Heller & Company. 25,590; Feb. 13.
Za-Rex. For Bottles Containing a Fruit Sirup for Making Beverages. Za-Rex Food Products Inc. 25,905; May 1.
Zinsmeister, J., & Sons, Incorporated, Louisville, Ky. Umaco. For Coffee. 26,160; June 26.
"Zipp." (For Headache Powders.) M. Gannino and I. Volgel. 25,751; Mar. 27.

ALPHABETICAL LIST OF PRINTS REGISTERED.

A Baby In Your Home. For a Proprietary Remedy for Use in the Treatment of Sterility in Women. H. W. Elders, M. D. 7,092; Dec. 18.
A baby specialist's advice about the first solid food. For Wheat Breakfast Food. Cream of Wheat Co. 6,930; Oct. 16.
A Delicious Dish. For Ice Cream. Frederick C. Mathews Company. 7,036; Dec. 4.
A Delight to All. For Ice Cream. Frederick C. Mathews Company. 7,004; Nov. 20.
A Delight to Eye and Palate. For Ice Cream. Frederick C. Mathews Company. 7,026; Dec. 4.
A Fountain Drink. For Ice Cream. Frederick C. Mathews Company. 7,033; Dec. 4.
A Genuine Achievement for the better care of your Teeth and Gums. For Dental Cream. E. R. Squibb & Sons. 6,893; Sept. 18.
A Good Complexion Comes From Within. For Bottled Milk. O. J. Gude Company, N. Y. 6,931; Oct. 16.
"A Heinz Kitchen Is A Pleasant Place." (For Advertising Purposes for Heinz 57 Products.) H. J. Heinz Co. 6,547; Feb. 13.
A Joy to the Epicure. For Ice Cream. Frederick C. Mathews Company. 7,098; Dec. 18.
A Message to Nurses. For Nursery Powder. E. R. Squibb & Sons. 6,938; Oct. 16.
A new dental cream that halts Acid-Erosion at The Danger Line. For Dental Cream. E. R. Squibb & Sons. 7,053; Dec. 4.
A Refreshing—Delicious—Satisfying Dish. For Ice Cream. Frederick C. Mathews Company. 6,996; Nov. 20.
A Royal Feast. For Ice Cream. Frederick C. Mathews Company. 7,029; Dec. 4.
A Slice of Deliciousness. For Ice Cream. Frederick C. Mathews Company. 7,003; Nov. 20.
"A Study In Values." (For Advertising Purposes for Wheat Breakfast Food.) Cream of Wheat Co. 6,557; Feb. 20.
"A Thin Colored Lead Mechanical Pencil No. 9." (For Advertising Purposes for Mechanical Pencils.) American Lead Pencil Company. 6,590; Mar. 6.
A Thin Colored Lead Mechanical Pencil No. 9. For Mechanical Pencils. American Lead Pencil Company. 6,715; May 22.
A Vacancy In The Department Of The Interior. For Wheat Breakfast Food. Cream of Wheat Co. 6,770; June 26.
A vitally important place in every home. For Household Products. E. R. Squibb & Sons. 7,052; Dec. 4.
A Wonderful Combination. For Ice Cream. Frederick C. Mathews Company. 7,047; Dec. 4.
A Wooden Box Wire Bound Ready to Go. For Canned Fish. Holmes Company. 6,642; Apr. 10.
Above them all. For Cuff Buttons. J. F. Sturdy's Sons Company. 6,844; July 31.
Acid-Erosion at The Danger Line. For Dental Cream. E. R. Squibb & Sons. 6,942; Oct. 16.
"Adplus." (For Advertising Purposes for Advertising Folders.) Advertising Art Studios. 6,492; Jan. 23.
Ajax Brand Perfection In Mens Dressing Combs. For Combs. Vulcanized Rubber Company. 7,014; Nov. 20.
"Alkohol Massage." (For Advertising Purposes for an Alcohol Massaging Preparation.) Mifflin Chemical Corporation. 6,528; Feb. 6.
Allied Packers, Inc., Chicago, Ill. Peter Porker says. For Foods. 6,763; June 26.
Along The French Highways. For Arrow Shirts. Cluett, Peabody & Co. 6,975; Nov. 20.
Always Pleasing. For Ice Cream. Frederick C. Mathews Company. 7,002; Nov. 20.
"American Akron." (For Advertising Purposes for Bathing Shoes.) American Rubber & Tire Co. 6,533; Feb. 13.
American Bottlers of Carbonated Beverages. For Beverages. American Bottlers of Carbonated Beverages. 6,894; Sept. 25.
American Family. For Soap. James S. Kirk & Company. 6,700; May 8.
"American Palates Infallible." (For Advertising Purposes for Coffee.) Hills Bros. 6,567; Feb. 20.
Amortized Mortgages, What They Are and Why We Urge Them. For Amortized Mortgages. A. J. Wilson. 6,818; July 10.
"'And Norah says.'" (For Advertising Purposes for Jell-O, a Dessert Preparation.) Genesee Pure Food Company. 6,521; Feb. 6.
An Important Feature of "Onyx Pointex" Hosiery. For Hosiery. "Onyx" Hosiery, Inc. 6,964; Nov. 13.

Alphabetical list of prints registered—Continued.

An Old Wood Cut. For Wheat Breakfast Food. Cream of Wheat Co. 6,655; Apr. 17.

Another great achievement by the Squibb Laboratories. For Dental Cream. E. R. Squibb & Sons. 6,947; Oct. 30.

Another great achievement by the Squibb Laboratories. For Squibb's Magnesia Dental Cream. E. R. Squibb & Sons. 6,816; July 10.

"Appreciating." (For Advertising Purposes for Gas Ranges.) Geo. D. Roper Corporation. 6,549; Feb. 13.

Aracoma. For Draperies and Other Silk Fabrics. Aracoma Textile Company. 6,830; July 24.

Are you buying your medicine cabinet requisites "in the dark?" For Drugs. E. R. Squibb & Sons. 6,872; Aug. 14.

Are you buying your medicine cabinet requisites "in the dark?" For Drugs. E. R. Squibb & Sons. 7,055; Dec. 4.

Aristokrat Kut. For Fancy Cut Spectacle and Eyeglass Lenses. W. B. Georgia. 6,832; July 24.

Arrow Collars and Shirts for Formal Dress. For Collars and Shirts. Cluett, Peabody & Co. 7,068; Dec. 11.

Arrow Shirts For the most formal, etc. For Arrow Shirts. Cluett, Peabody & Co. 6,986; Nov. 20.

Arrow Shirts—Gordon—Spencer. For Shirts. Cluett, Peabody & Co. 7,089; Dec. 18.

Arrow Shirts—Merit in Arrow Shirts, etc. For Arrow Shirts. Cluett, Peabody & Co. 6,980, Nov. 20.

Arrow Shirts—The Arrow Shirts are distinguished, etc. For Arrow Shirts. Cluett, Peabody & Co. 6,985; Nov. 20.

Arrow Shirts—The Arrow Shirts are distinguished for their better quality, etc. For Shirts. Cluett, Peabody & Co. 7,070; Dec. 11.

Arrow Shirts—The Arrow Shirt makers depend, etc. For Shirts. Cluett, Peabody & Co. 7,090; Dec. 18.

Arrow Shirts—This is Spencer 10, an Arrow Shirt designed, etc. For Shirts. Cluett, Peabody & Co. 7,091; Dec. 18.

Arrow Shirts—What is universally accepted, etc. For Arrow Shirts. Cluett, Peabody & Co. 6,983; Nov. 20.

"Artifax Omnes." (For Old and Modern Silver, Sheffield Plate, Old and Modern Glass, Garnitures, and Fine Porcelains.) A. Schmidt & Son. 6,628; Mar. 27.

As Invigorating as a Breath of Mountain Air. For Soap. James S. Kirk & Company. 6,994; Nov. 20.

As Others See It. For Income-Tax Records or Books. Commonwealth Publishing Company. 7,071; Dec. 11.

Ask for the Hirschnet. For Hair Nets. Hirsch's Hair Bazaar Inc. 6,705; May 15.

"At Your Service Folks." (For Advertising Purposes for Piston Rings.) Hanward Manufacturing Company. 6,587; Feb. 27.

Attract the Eye to Make Folks Buy. For Soap. James S. Kirk & Company. 6,737; May 29.

Austin, Nichols & Co., Brooklyn, N. Y. Sunbeam. For Pure Food Products. 6,764; June 26.

Authorities call it the "neglected age." For Wheat Breakfast Food. Cream of Wheat Co. 7,073; Dec. 11.

Autumn Glory. For Ice Cream. Frederick C. Mathews Company. 7,044; Dec. 4.

Baby Eggs. For Eggs. M. Packman. 7,080; Dec. 11.

Baby Lincoln, A Distinctive Motor Car. For Motor Cars. Baby Lincoln Auto Co. 6,928; Oct. 16.

Baby needs Blank's Talc and depends upon you to get it. For Talc. Carl Percy, Inc. 6,649; Apr. 10.

Battery Service By The Year. For Electric Storage Batteries. H. E. Watson. 6,834; July 24.

Beauty That Lures. For Palmolive Soap. Palmolive Company. 6,827; July 17.

"Better White Duck Clothing." (For Advertising Purposes for White Duck Clothing.) James E. Richardson. 6,511; Jan. 23.

Better White Duck Clothing. For White Duck Clothing. James E. Richards Company. 6,681; May 1.

"Biltmore Dressing." (For Advertising Purposes for Salad Dressing.) J. R. Jennings. 6,507; Jan. 23.

Blank's Fine Chocolates. For Chocolates. Carl Percy, Inc. 6,701; May 8.

Bleacho For Bleaching Hair—Use Bleacho. For Hair Preparations. J. H. Karp. 6,933; Oct. 16.

Boyd, Charles G., Bethlehem, Pa. Six Feet Foot Comfort. For Foot Powders for Foot Baths. 6,744; June 5.

Boyd's Step Lively Foot Powder. For Foot Powders for Foot Baths. C. G. Boyd. 6,717; May 22.

"Boys Scalpax." (For Underwear.) Oppenheim Oberndorf & Co. Inc. 6,621; Mar. 20.

Brace up Your Child with Eline's Milk Chocolate Bars. For Chocolate. Eline's Incorporated. 6,658; Apr. 17.

Brief-O'Grip. For Brief Cases. Max Damm Co. 6,873; Sept. 4.

Brown, Edward H., Minneapolis, Minn. Brownies Root-Beer. For Root Beer, a Nonintoxicating Beverage. 6,767; June 26.

Brownies Root-Beer. For Root Beer, a Nonintoxicating Beverage. E. H. Brown. 6,767; June 26.

Brown's Velvet Ice Cream Made By New Orleans Ice Cream Co. For Ice Cream. B. C. Brown. 6,959; Nov. 13.

"Buy Hudson Bay Furs." (For Fur Garments.) A. Kosofsky. 6,614; Mar. 20.

B. V. D. Company, Inc., The, New York, N. Y. Fit as a Fiddle. For Athletic Underwear. 6,755; June 12.

B. V. D. Company, Inc., The, New York, N. Y. "B. V. D." Red Woven Label. For Athletic Underwear. 6,765; June 26.

B. V. D. Company, Inc., The, New York, N. Y. "B. V. D." Shows the Way to Comfort. For Athletic Underwear. 6,756; June 12.

"B. V. D." Red Woven Label. For Athletic Underwear. B. V. D. Company. 6,765; June 26.

"B. V. D." Shows the Way to Comfort. For Athletic Underwear. B. V. D. Company. 6,756; June 12.

B. V. D. Company, Inc., The, New York, N. Y. There is only one "B. V. D." For Athletic Underwear. 6,766; June 26.

"C. Perceval, Inc. 'The Home of A Thousand Delicacies.'" (For Fine Table Luxuries.) C. Perceval. 6,627; Mar. 27.

"California De-Hydro." (For Advertising Purposes for Dehydrated Grapes.) California De-Hydro Fruit Co. 6,579; Feb. 27.

Canada Dry, The Champagne of Ginger Ales. For Ginger Ale. Canada Dry Ginger Ale, Inc. 7,017; Dec. 4.

Candles. For Candles. Will & Baumer Candle Co. 6,944; Oct. 16.

Cap'n. Grapejack. For Nonalcoholic, Noncereal, Maltless Beverages. Good-Grape Company. 6,879; Sept. 11.

Carleton & Hovey Company, Lowell, Mass. Father John Between Two Billboards. For Father John's Medicine. 6,745; June 5.

Carleton & Hovey Company, Lowell, Mass. Fortified For Life. For Father John's Medicine. 6,746; June 5.

Certainly—Your own mild Palmolive. For Soap. Palmolive Company. 6,966; Nov. 13.

"'Cheaper to Buy Good Soap than New Clothes'." (For Soap.) James S. Kirk & Company. 6,625; Mar. 27.

Cherry Whip. For Jell-O. Genesee Pure Food Company. 6,912; Oct. 2.

Chex—Thrills you with Cleanliness. For Soap. Pioneer Products Co. 7,049; Dec. 4.

"Chocolate for Health and Goodness." (For Advertising Purposes for Chocolate.) Eline's Incorporated. 6,514; Feb. 6.

Chocolates Fit for a Queen. For Schrafft's Chocolates. W. F. Schrafft & Sons Corporation. 6,665; Apr. 17.

Claim Check. For Goodyear Wingfoot Soles and Heels. Goodyear Tire & Rubber Company. 6,991; Nov. 20.

Closing Out Factory Pianos. For Pianos of All Kinds. Boston Piano Company. 6,732; May 29.

Cochran & McCluer Company, Chicago, Ill. Pioneers of Safety. For First-Mortgage Real-Estate Gold Bonds. 6,768; June 26.

Coffee flavor that satisfies. For Coffee. Hills Bros. 6,918; Oct. 2.

Collars Outside! For Gordon an Arrow Shirt. Cluett, Peabody & Co. 6,973; Nov. 20.

Color Certainteed. For Dyeing of Yarn, Fabric, and Garments. "S. & M." Dye Works, Inc. 6,740; May 29.

Columbia Graphophone Company, New York, N. Y. Columbia New Process Records. For Graphophone Records. 6,769; June 26.

Columbia New Process Records. For Graphophone Records. Columbia Graphophone Company. 6,769; June 26.

Columbia New Process Records. For Graphophone Records. Columbia Graphophone Company. 6,837; July 31.

"Comer All-Weather Coats." (For Advertising Purposes for Raincoats, Cravenettes, and Gabardines.) Comer Manufacturing Company. 6,592; Mar. 6.

Comet Rice. For Rice. Seaboard Rice Milling Company. 6,684–7; May 1.

Correct taste strength & Flavor. For Coffee. Hills Bros. 6,932; Oct. 16.

Could This Be You In These Hopelessly Old Style Clothes? For Papeteries. Eaton, Crane & Pike Company. 6,821; July 17.

Could you wear a string of pearls? For Soap. James S. Kirk & Company. 6,634; Apr. 3.

"Crawford Homes." (For a Particular Kind of House Manufactured and Sold as a Complete Structure.) D. Crawford, jr. 6,610; Mar. 20.

Cream of Wheat Co., Minneapolis, Minn. A Vacancy In The Department Of The Interior. For Wheat Breakfast Food. 6,770; June 26.

Crema de Perlas de Barry. For Liquid Face Powder. Barclay & Co. 7,065; Dec. 11.

"Cremo Potato Bread." (For Bread.) W. Evans. 6,606; Mar. 13.

Crystal Rock. For Carbonated and Plain Nonintoxicating Beverages and Drinking Waters. Crystal Rock Co. 6,757; June 12.

Crystal Rock Co., Spring Valley, Muhlenberg Township, Berks County, Pa. Crystal Rock. For Carbonated and Plain Nonintoxicating Beverages and Drinking Waters. 6,757; June 12.

Dare you wear a diamond ring? For Soap. James S. Kirk & Company. 6,633; Apr. 3.

De-Fi Typewriter Paper. For Typewriter Paper. De-Fi Manufacturing Company. 6,888; Sept. 18.

"Deliciously Good." (For Advertising Purposes for Chocolate.) Eline's Incorporated. 6,562; Feb. 20.

Deliciousness with Crushed Fruits. For Ice Cream. Frederick C. Mathews Company. 7,032; Dec. 4.

Demand this Brand. For Ham and Bacon. E. Kahn's Sons Company. 6,644; Apr. 10.

Dental Authorities say—Fight Acid-Erosion at "The Danger Line." For Dental Cream. E. R. Squibb & Sons. 6,941; Oct. 16.

Desmond's Miracle Oil for Upper Motor Lubrication. For Lubricating Oils and Lubricants. B. G. Desmond Manufacturing Corporation. 6,656; Apr. 17.

Different from All Others. For Dental Cream. E. R. Squibb & Sons. 6,937; Oct. 16.

Different from all other tooth pastes. For Dental Cream. E. R. Squibb & Sons. 6,885; Sept. 11.

Dim Brite. For Dimming Switch on Automobile Steering Wheels. Weber Tool, Die and Machine Company. 7,062; Dec. 4.

"Domestic Science Class." (For Advertising Purposes for Jell-O, a Dessert Preparation.) Genesee Pure Food Company. 6,584; Feb. 27.

"Donnelly Lemon Jell-O." (For Advertising Purposes for Jell-O, a Dessert Preparation.) Genesee Pure Food Company. 6,522; Feb. 6.

"Donnelly Strawberry Jell-O." (For Advertising Purposes for Jell-O, a Dessert Preparation.) Genesee Pure Food Company. 6,526; Feb. 6.

Don't cut the Cuticle—keep your nails always lovely the Cutex Way. For Manicure Preparations and Implements. Northam Warren Corporation. 6,891; Sept. 18.

Double-in Twist Cloth. For Clothing. Bonded Tailoring Co. 6,819; July 17.

"Duro-Cords." (For Advertising Purposes for Rubber Tires and Tubes.) C. Kenyon Company. 6,548; Feb. 13.

"Duxbak." (For Advertising Purposes for Leather Belting.) Chas. A. Schieren Company. 6,550; Feb. 13.

Dynamo Electric Works Guaranteed Quality + Service. For Dynamos. Dynamo Electric Works. 6,897; Sept. 25.

"Eat Eline's Chocolate for Endurance and Goodness." (For Advertising Purposes for Chocolate.) Eline's Incorporated. 6,515; Feb. 6.

"Eat Eline's Chocolate Bars and Nourish the Skin from Within." (For Advertising Purposes for Chocolate.) Eline's Incorporated. 6,594; Mar. 6.

"Eat Eline's Chocolate Bars and Nourish the Skin from Within." (For Chocolate.) Eline's Incorporated. 6,604; Mar. 13.

Eat Eline's Milk Chocolate Bars. For Chocolate. Eline's Incorporated. 6,690; May 8.

"Eaton's Highland Linen The Correct Writing Paper 'Anything Important, Marion?'" (For Advertising Purposes for Eaton's Highland Linen.) Eaton, Crane & Pike Company. 6,542; Feb. 13.

Eaux De Toilette De Coty. For Perfumes and Toilet Water. Coty, Inc. 6,989; Nov. 20.

Edgeworth Extra High Grade Tobacco. For Tobacco. Larus & Brother Company. 6,900; Sept. 25.

"Eline's Milk Chocolate." (For Advertising Purposes for Chocolate.) Eline's Incorporated. 6,561; Feb. 20.

"Eline's Sweet Milk Chocolate." (For Advertising Purposes for Chocolate.) Eline's Incorporated. 6,560; Feb. 20.

Embroider & Crochet with Nun's Boilproof. For Threads, Yarns, and Cottons. T. Buettner & Co. 6,971; Nov. 20.

Erlanger Dry Goods Company, The, doing business as Stark Dry Goods Co., Canton, Ohio. Johnny On The Spot. For Dry Goods. 6,758; June 12.

Espec. For Electrical Spectacles. Laadt Corporation. 6,723; May 22.

Esso. For Petroleum, Gasoline, Refined Oils, Lubricating Oils, Greases, and Other Petroleum Products. Standard Oil Company (New Jersey.) 6,886; Sept. 11.

Eternal Bliss. For Finger Rings. H. E. Kaplan. 6,804; July 10.

"Every Pipeful Has a Thank You in It." (For Advertising Purposes for Smoking Tobacco.) J. G. Dill Company. 6,558; Feb. 20.

Everybody's Favorite. For Ice Cream. Frederick C. Mathews Company. 7,038; Dec. 4.

Everywhere, people welcome this better way of keeping their teeth sound and attractive! For Dental Cream. E. R. Squibb & Sons. 6,926; Oct. 2.

"Evolution of the Idea." (For Advertising Purposes for Obstetrical Tables.) J. H. Thomsen. 6,554; Feb. 13.

Exclusive Features of Real Silk Guaranteed Hosiery. For Hosiery. Real Silk Hosiery Mills. 6,783; June 26.

Face to Face. For Palmolive Soap. Palmolive Company. 6,708; May 15.

Fashionknit Turtle Ties. For Knitted Neckties. Franklin Knitting Mills, Inc. 6,691; May 8.

Father John's Medicine No Drugs. For Father John's Medicine. Carleton & Hovey Company. 6,668; Apr. 24.

Father John Between Two Billboards. For Father John's Medicine. Carleton & Hovey Company. 6,745; June 5.

15¢ in a Sealright Container. For Sealright Paper Boxes. Sealright Co. 6,968; Nov. 13.

Fifty Years Ago—When the village grocer, etc. For Heinz 57 Varieties. H. J. Heinz Co. 7,023; Dec. 4.

50-50 Cotton Seed. For Cottonseed. Summerour & Son. 7,109; Dec. 25.

Fifty-Fifty. For Wheat Breakfast Food. Cream of Wheat Co. 6,929; Oct. 16.

56 is just a number—58 is just a number, etc. For Heinz 57 Varieties. H. J. Heinz Co. 7,077; Dec. 11.

Fight Acid-Erosion at "The Danger Line" If you want sound teeth and healthy gums. For Dental Cream. E. R. Squibb & Sons. 7,084; Dec. 11.

Fine flavor comes from fine quality. For Coffee. Hills Bros. 6,773; June 26.

First Choice. For Coffee. Hills Bros. 6,699; May 8.

First in Flavor. For Coffee. Hills Bros. 6,697; May 8.

First in Freshness. For Coffee. Hills Bros. 6,696; May 8.

First in Perfection. For Coffee. Hills Bros. 6,693; May 8.

First in Quality. For Coffee. Hills Bros. 6,695; May 8.

First in Vacuum. For Coffee. Hills Bros. 6,698; May 8.

First-try. For Coffee. Hills Bros. 6,694; May 8.

Fit as a Fiddle. For Athletic Underwear. B. V. D. Company. 6,755; June 12.

Fit-Rite. For Shoe and Slipper Trees. James N. Mayhew Co. 6,823; July 17.

Flavor Is The Hidden Difference. For Coffee. Hills Bros. 6,775; June 26.

Flexible Bend Like Birch Boughs. For Shoes. Trail Moc Shoe Company. 6,828; July 17.

"Florida Sealdsweet Grapefruit for Health." (For Advertising Purposes for Health.) Florida Citrus Exchange. 6,497; Jan. 23.

Folly Towns. For Candy. Universal Theatres Concession Co. 6,785; June 26.

For Baby's Bath. For a Rubber Sponge. Miller Rubber Company. 6,866; Aug. 14.

For Baby's Comfort. For A Baby Comfort Kit. Miller Rubber Company. 6,865; Aug. 14.

"For Delicate Fabrics." (For Advertising Purposes for Citrus Soap Powder.) Citrus Soap Company of California. 6,535; Feb. 13.

"For Snowy Linens." (For Advertising Purposes for Citrus Soap Powder.) Citrus Soap Company of California. 6,537; Feb. 13.

"For Snowy Linens and Soft White Hands." (For Advertising Purposes for Citrus Soap Powder.) Citrus Soap Company of California. 6,534; Feb. 13.

"For Soft White Hands." (For Advertising Purposes for Citrus Soap Powder.) Citrus Soap Company of California. 6,538; Feb. 13.

For Your Baby's Sake! For Drugs. E. R. Squibb & Sons. 6,970; Nov. 13.

From Blossom to Tasty Fruit. For Ice Cream. Frederick C. Mathews Company. 6,997; Nov. 20.

For Your Spring Cleaning. For Gold Dust Washing Powder. N. K. Fairbank Company. 6,660; Apr. 17.

Fortified For Life. For Father John's Medicine. Carleton & Hovey Company. 6,746; June 5.

Frisch Fresh Feeling Bread Wrappers. For Bread Wrappers. American Bread Wrapper Company. 7,099; Dec. 25.

Fulling Scouring Perfectol. For Greases for Treating Textile Fabrics. U. S. Oil Company. 6,674; Apr. 24.

Galloping Shirts. For Arrow Shirts. Cluett, Peabody & Co. 6,978; Nov. 20.

Gasoline Alley Bunch. For Dolls. F. O. King. 6,993; Nov. 20.

Get It Now. For Germicidal Cleansing and Polishing Materials. Cleveland Chemical Corporation. 6,676; May 1.

Getting the most out of life. For Athletic Underwear. B. V. D. Company, Inc. 6,788; July 10.

"Giro Cherry Jell-O." (For Advertising Purposes for Jell-O, a Dessert Preparation.) Genesee Pure Food Company. 6,585; Feb. 27.

"Giro Figures." (For Advertising Purposes for Jell-O, a Dessert Preparation.) Genesee Pure Food Company. 6,520; Feb. 6.

Gladding Dry Goods Co., Providence, R. I. Thriftables. For Women's Apparel. 6,747; June 5.

Good as Gold. For Ice Cream. Frederick C. Mathews Company. 7,041; Dec. 4.

Good! Every Day in the Year. For Ice Cream. Frederick C. Mathews Company. 7,040; Dec. 4.

"Good things for desserts Heinz Fig Pudding." (For Advertising Purposes for Heinz Fig Pudding.) H. J. Heinz Co. 6,546; Feb. 13.

Gordon, an Arrow Shirt—A Shirt that is tailored for service. For Arrow Shirts. Cluett, Peabody & Co. 6,979; Nov. 20.

Grape Nuts Window Trim. For Grape Nuts. Postum Cereal Company. 6,833; July 24.

Gridley. For Metal-Working Machines and Tools. National Acme Company. 6,881; Sept. 11.

H C O. For Canned Fish. Holmes Company. 6,643; Apr. 10.

Half past eight-Ten O'clock. For Domestic-Labor-Saving Devices, Particularly Ironers. Apex Electrical Manufacturing Company. 6,877; Sept. 11.

Alphabetical list of prints registered—Continued.

Happy Home Apron Dresses. For Aprons and Dresses. Sterling Company. 6,741; May 29.
"Happy Home Bread." (For Bread.) W. Evans. 6,607; Mar. 13.
Hartmann Cushion Top Wardrobe Trunks. For Wardrobe Trunks. Hartmann Trunk Company. 6,669–71; Apr. 24.
Hartmann Cushion Top Wardrobe Trunks. For Wardrobe Trunks. Hartmann Trunk Company. 6,703; May 15.
Hartmann Trunk Company, Racine, Wis. Hartmann Cushion Top Wardrobe Trunks. For Wardrobe Trunks. 6,771; June 26.
Have Lovely Nails Without Cutting the Cuticle. For Manicure Preparations and Implements. Northam Warren Corporation. 6,892; Sept. 18.
Hawaiian Pineapple. For Ice Cream. Frederick C. Mathews Company. 7,009; Nov. 20.
Haynes. For Automobiles. Haynes Automobile Company. 6,704; May 15.
Haynes 77. For Automobiles. Haynes Automobile Co. 6,798; July 10;
Headlighting Satisfaction. For Tilting Reflectors for Controlling the Positions of Headlight Beams from Light-Projecting Devices. Federal Manufacturing Company. 6,954; Nov. 6.
"Health Yoga." (For Advertising Purposes for Medicinal Products—Namely, A Combination Consisting of Herbs. Used Primarily for the Treatment of Stomach Trouble and Indigestion.) S. K. A. Dass. 6,541; Feb. 13.
Heinz, H. J., Company, Pittsburgh, Pa. Pickles in Patterns. For Heinz 57 Varieties (Food Products). 6,772; June 26.
"Hemlock." (For Hemlock Lumber.) Hemlock Manufacturers. 6,613; Mar. 20.
Here's Happiness! Just Use Bluebirds For Happiness. For Liver Pills. Bluebird Pharmacal Co. 7,087; Dec. 18.
Hightone Kut II. For Fancy Cut Spectacle and Eyeglass Lenses. W. B. Georgia. 7,020; Dec. 4.
Hightone Kut III. For Fancy Cut Spectacle and Eyeglass lenses. W. B. Georgia. 7,021; Dec. 4.
Hills Bros., San Francisco, Calif. Fine flavor comes from fine quality. For Coffee. 6,773; June 26.
Hills Bros., San Francisco, Calif. First on the List. For Coffee. 6,748; June 5.
Hills Bros., San Francisco, Calif. Flavor Is The Hidden Difference. For Coffee. 6,775; June 26.
Hills Bros., San Francisco, Calif. The hidden difference. For Coffee. 6,776; June 26.
Hills Bros., San Francisco, Calif. The hidden difference is Flavor. For Coffee. 6,777; June 26.
Hills Bros., San Francisco, Calif. The original vacuum pack. For Coffee. 6,774; June 26.
Hills Bros., San Francisco, Calif. The original vacuum pack keeps its fine flavor fresh for you. For Coffee. 6,778; June 26.
"Hinds Disappearing Cream." (For Advertising Purposes for Hinds Disappearing Cream.) A. S. Hinds Co. 6,504; Jan. 23.
"Hinds Honey and Almond Cream." (For Advertising Purposes for Hinds Honey and Almond Cream.) H. S. Hinds Co. 6,500–3; Jan. 23.
"Hinds Honey and Almond Cream." (For Advertising Purposes for Hinds Honey and Almond Cream.) A. S. Hinds Co. 6,505–6; Jan. 23.
Hinds Honey and Almond Cream. For Honey and Almond Cream. A. S. Hinds Co. 6,880; Sept. 11.
His Best Effort. For Ice Cream. Frederick C. Mathews Company. 7,046; Dec. 4.
Hitone Kut. For Fancy-Cut Spectacle and Eyeglass Lenses. W. B. Georgia. 6,840; July 31.
Hour Saving Appliances. For Domestic-Labor-Saving Devices, and Particularly Vacuum Cleaners, Washers, Ironers, and Wringers. Apex Electrical Manufacturing Company. 6,836; July 31.
"How to Make Coffee." (For Advertising Purposes for Coffee.) Hills Bros. 6,568; Feb. 20.
Hurley Gripsem G/A Arch Shoe. For Shoes. Hurley Shoe Co. 6,736; May 29.
"'I Don't Need Him' I wear 'Good Health' Clothes." (For Advertising Purposes for Boys' Clothing.) Phil Klein Co. 6,588; Feb. 27.
If your hands were so tiny that your fingers were no thicker than pins. For Hosiery. "Onyx" Hosiery, Inc. 6,963; Nov. 13.
"Indiana Limestone The Nation's Building Stone." (For Advertising Purposes for Indiana Limestone.) Indiana Limestone Quarrymen's Assn. 6,595; Mar. 6.
Inevitably. For Gas Ranges. Geo. D. Roper Corporation. 6,812; July 10.
Insist on this label! For Athletic Underwear. B. V. D. Company. 6,638; Apr. 10.
Introducing The 'Corset-less' Corset Model Nu West. For Corsets and Similar Garments. Nu Bone Corset Co. 7,010; Nov. 20.
It Was Thus Intended. For Drugs. E. R. Squibb & Sons. 6,814; July 10.
"It Washes Clean." (For Advertising Purposes for Citrus Soap Powder.) Citrus Soap Company of California. 6,536; Feb. 13.
It's a Treat Indeed. For Ice Cream. Frederick C. Mathews Company. 7,035; Dec. 4.
"Its just as easy to put it in one window as the other." (For Advertising Purposes for Dwelling Houses.) Michigan Investment Company. 6,509; Jan. 23.
Its Points of Advantages. For Solargentum Squibb. E. R. Squibb & Sons. 6,949; Oct. 30.
It's real coffee. For Coffee. Hills Bros. 6,916; Oct. 2.
"It's so Simple." (For Advertising Purposes for Jell-O, a Dessert Preparation.) Genesee Pure Food Company. 6,523; Feb. 6.
It's sunny flavor wins your favor. For Coffee. Hills Bros. 6,923; Oct. 2.
Jabón Reuter. For Toilet Soap. Barclay & Co. 6,957; Nov. 13.
Janez Loops. For a Protector and Support for Earrings. Mrs. E. C. Stough. 6,784; June 26.
Japanese Tea Gardens and Pickers. For Tea. Jewel Tea Co. 7,024; Dec. 4.
Johnny On The Spot. For Dry Goods. Erlanger Dry Goods Company. 6,758; June 12.
Just As Good As It Looks. For Ice Cream. Frederick C. Mathews Company. 7,030; Dec. 4.
Kant-Break. For Ladders. Kant-Break Ladders, Inc. 6,749; June 5.
Kant-Break Ladders, Inc., St. Louis, Mo. Kant-Break. For Ladders. 6,749; June 5.
Kantlose Mitten and Glove Guard. For Mitten and Glove Guards. B. C. Christy. 6,654; Apr. 17.
"Ka-Zu Punch Extra Dry." (For Advertising Purposes for a Nonalcoholic Beverage.) S. M. Hoye. 6,569; Feb. 20.
"Keep Warm on a Frozen Corner with this Underwear." For Advertising Purposes for Adults' and Children's Underwear.) Wright's Underwear Company. 6,575; Feb. 20.
Keep Your System Regulated. For Dried Peaches and Figs and Fig Products. California Peach & Fig Growers. 6,653; Apr. 17.
"Keeping Watch." (For Advertising Purposes for Wheat Breakfast Food.) Cream of Wheat Co. 6,494; Jan. 23.
Keeping your child's hair beautiful. For Mulsified Cocoanut-Oil Shampoo. R. L. Watkins Company. 7,057; Dec. 4.
Keeps the Clothes Dry. For A Nursery Apron. Miller Rubber Company. 6,863; Aug. 14.
"Ken Washes Everything Yes—Everything!" (For Advertising Purposes for Soap.) Kendall Products Corp. 6,508; Jan. 23.
"Kept Clean With Gold Dust." (For Advertising Purposes for Gold Dust Washing Powder.) N. K. Fairbank Company. 6,564; Feb. 20.
Kept Sweet and Clean with Gold Dust. For Gold Dust Washing Powder. N. K. Fairbank Company. 6,838; July 31.
Kiddygrip Socklets. For Hosiery Supporters. I. Goldberg. 6,720; May 22.
"Kill Those Moths." (For Advertising Purposes for Cedar Chests.) J. B. Crosby. 6,495; Jan. 23.
King Tut. For Cotton Piece Goods. Oppenheim Oberndorf & Co. 6,662; Apr. 17.
"Kirk's Cocoa Hardwater Castile." (For Soap.) James S. Kirk & Company. 6,623–4; Mar. 27.
"Kirk's Cocoa Hardwater Castile." (For Soap.) James S. Kirk & Company. 6,626; Mar. 27.
Kirk's Cocoa Hardwater Castile. For Soap. James S. Kirk & Company. 6,635; Apr. 3.
Kirk's Cocoa Hardwater Castile. For Soap. James S. Kirk & Company. 6,706; May 15.
Kirk's Cocoa Hardwater Castile. For Soap. James S. Kirk & Company. 6,722; May 22.
Kirk's Cocoa Hardwater Castile. For Soap. James S. Kirk & Company. 6,739; May 29.
Knicker Boston Garter. For Man's Garters. George Frost Company. 6,797. July 10.
Kno the Club Garters. For Men's Garters. Knothe Brothers Co. 6,646; Apr. 10.
Krank, Alfred J., St. Paul, Minn. Krank's "Pompa" Comb. For Combination Comb and Brush for Training the Hair. 6,779; June 26.
Krank's. For Toilet Preparations. A. J. Krank. 6,899; Sept. 25.
"Krank's Fix-A-Gloss." (For Advertising Purposes for a Dandruff Remedy and Hair Dressing.) A. J. Krank. 6,570; Feb. 20.
Krank's Hair-Root-Oil. For a Hair Tonic. A. J. Krank. 6,850; Aug. 7.
Krank's "Pompa" Comb. For Combination Comb and Brush for Training the Hair. A. J. Krank. 6,779; June 26.
"Lady Scalpax." (For Advertising Purposes for Underwear.) Oppenheim Oberndorf & Co. 6,530–1; Feb. 6.
"Lemon Liver Workers." (For Advertising Purposes for Liver Pills.) G. Littman. 6,597; Mar. 6.
Les Parfums De Coty. For Perfumes. Coty, Inc. 6,990; Nov. 20.
Les Poudres De Coty. For Powders. Coty, Inc. 6,988; Nov. 20.
Libby's Fancy Red Alaska Salmon. For Salmon. Libby, McNeill & Libby. 6,874; Sept. 4.
Like a Painted Lily—. For Fairy Soap. N. K. Fairbank Company. 6,659; Apr. 17.

Like no other talcum ever made! For Talcum. E. R. Squibb & Sons. 6,943; Oct. 16.
"Lionel Compact." (For Compacts.) Lionel Trading Co. Inc. 6,615; Mar. 20.
Lionel Square Compact. For Compacts. Lionel Trading Co. 6,889; Sept. 18.
Little Stories of Success For Vanilla Extracts. Consumers Distributing Co. 6,791; July 10.
Little Women Dress Co. For Dresses. Little Women Dress Co. 6,805; July 10.
Look best—Longest. For Knitted Neckties and Scarfs. Franklin Knitting Mills, Inc. 6,632; Apr. 3.
Loose-Fitting B. V. D. Underwear. For Athletic Underwear. B. V. D. Company, Inc. 7,064; Dec. 11.
L'Origan De Coty. For Perfumes. Coty, Inc. 6,987; Nov. 20.
Lowney's Chocolates. For Chocolate Products, Including Particularly Lowney's Chocolates. Walter M. Lowney Company. 6,822; July 17.
"Luminite Locator." (For Advertising Purposes for Luminite Radium Locators.) Luminite Corporation. 6,598; Mar. 6.
"Luminite Pendant." (For Advertising Purposes for Luminite Radium Pendants.) Luminite Corporation. 6,572; Feb. 20.
"Luminite Push Buttons." (For Advertising Purposes for Luminite Radium Push Buttons.) Luminite Corporation. 6,571; Feb. 20.
M. J. B. Coffee 'Exceeds All Expectations'. For Coffee. M. J. Brandenstein & Co. 7,088; Dec. 18.
"Magic Results on Dirty Hands." (For Advertising Purposes for Citrus Soap Powder.) Citrus Soap Company of California. 6,539; Feb. 13.
Makes the Feet Feel Fine. For Foot Powders for Foot Baths. C. G. Boyd. 6,734; May 29.
Martin's 100% Pure. For Varnishes. Martin Varnish Company. 6,995; Nov. 20.
Miada Co., The, New York, N. Y. Miada Lingerie Guards For Comfort Neatness Security. For Lingerie Guards. 6,759; June 12.
Miada Lingerie Guards For Comfort Neatness Security. For Lingerie Guards. Miada Co. 6,759; June 12.
Miller Baby Week. For Nipple Applicator and Breast Nipples. Miller Rubber Company. 6,864; Aug. 14.
Monarch. For Tea, Coffee, and Cocoa. Reid, Murdoch & Co. 6,678; May 1.
Monarch Coffee. For Coffee. Reid, Murdoch & Co. 6,679; May 1.
Monarch Quality. For Groceries. Reid, Murdoch & Co. 6,680; May 1.
Monarch Tea. For Tea. Reid, Murdoch & Co. 6,677; May 1.
Most Serious Dental Troubles Start at The Danger Line. For Squibb's Magnesia Dental Cream. E. R. Squibb & Sons. 6,842; July 31.
Most Smiles Per Gallon. For Gasoline and Oils. Hygrade Oil & Fuel Corporation. 6,802; July 10.
Mother's Bread. For Bread. J. A. Sloan. 6,760; June 12.
Mothers give Father John's Medicine. For Father John's Medicine. Carleton & Hovey Company. 6,857; Aug. 14.
Motion Picture Memory Contest. For Motion Pictures. J. C. Jessen. 6,803; July 10.
Motor Parts Replacement, for Pistons, Parts, and Accessories of Gasoline Engines. Piston Service Co. Inc. 6,650; Apr. 10.
Mr. Beaded Tip. For Beaded-Tip Shoe Lacings. United Lace & Braid Manufacturing Co. 6,743; May 29.
Mr. Coff E. Bean says: For Coffee. Joannes Brothers Company. 6,961; Nov. 13.
Mr. I. Lubricate. For Lubricating Oils. Sherwood Petroleum Company. 6,853; Aug. 7.
My Life's Best Work. For Bread. Ward Baking Company. 6,637; Apr. 3.
My wife asked me to do this. For Palmolive Shampoo. Palmolive Company. 6,882; Sept. 11.
N. For Batteries and Electrical Apparatus. D. Neal. 6,824; July 17.
"Nek-Ritz's Iron Lustre." (For Advertising Purposes for Stove Polish.) L. Nekritz. 6,529; Feb. 6.
Neo Bug Destroyer. For a Preparation for Destroying Bugs. M. Robins. 6,709; May 15.
Nestlé's Every Day Milk. For Evaporated Milk. Nestlé's Food Company. 6,868; Aug. 14.
Next To Myself I Like 'B. V. D.' Best. For Athletic Underwear. B. V. D. Company. 6,688; May 8.
"1923 Mother's Birthday." (For Advertising Purposes for Jell-O, a Dessert Preparation.) Genesee Pure Food Company. 6,586; Feb. 27.
No Fire can expand with Minimax at hand. For Fire Extinguishers. Minimax Company. 6,852; Aug. 7.
No More Spilt Milk. For a Nipple Applicator. Miller Rubber Company. 6,862; Aug. 14.
No one appreciates a pure talcum as does the nurse. For Talcum Powder. E. R. Squibb & Sons. 6,936; Oct. 16.
Not a Day Older. For Palmolive Soap. Palmolive Company. 6,664; Apr. 17.
Nothing Comes Out. For Baby Pants. Miller Rubber Company. 6,867; Aug. 14.
Now I Ask a Favor of the Ladies. For Palmolive Shampoo. Palmolive Company. 6,751; June 5.
Now you can know what your dental cream will do. For Dental Cream. E. R. Squibb & Sons. 6,948; Oct. 30.
Nurses Appreciate the Exceptional Purity of These Products. For Cold Cream. E. R. Squibb & Sons. 7,054; Dec. 4.
Ocean Power Products. For Machinery for the Development of Power from Tides, Currents, and Other Water Movements. C. G. Polleys. 7,108; Dec. 25.
"Oil Shale By-Products. (For Advertising Purposes for Oil Shale and Refinings Therefrom.) R. E. Magee. 6,599; Mar. 6.
Olives from Spain—From Seville, in sunny Spain, etc. For Heinz 57 Varieties. H. J. Heinz Co. 7,076; Dec. 11.
Olmsted, Allen S., Le Roy, N. Y. So Easy to Use. For Allen's Foot-Ease, a Toilet Preparation. 6,780; June 26.
O'Neil's "Every drop tested" Greases. For Greases. O'Neil Oil & Paint Company. 6,724; May 22.
O'Neil's "Every drop tested" Motor Oils. For Motor Oils. O'Neil Oil & Paint Company. 6,648; Apr. 10.
O'Neil's "Every drop tested" Non-Chatter Motor Oil. For Motor Oils. O'Neil Oil & Paint Company. 6,727; May 22.
O'Neil's "Every drop tested" Pure Gasoline. For Gasoline. O'Neil Oil & Paint Company. 6,726; May 22.
O'Neil's "Every drop tested" Velvet Greases. For Motor Oils. O'Neil Oil & Paint Company. 6,725; May 22.
O'Neil's "Every drop tested" Velvet Motor Oils. For Motor Oils. O'Neil Oil & Paint Company. 6,728; May 22.
Only in Italy is found such talc—only Squibb brings such a talcum to you. For Talcum and Cold Cream. E. R. Squibb & Sons. 7,085; Dec. 11.
Only One in five is safe. For a Preparation for the Teeth. Forhan Company. 6,907; Oct. 2.
"Onyx Hosiery." (For Advertising Purposes for Hosiery.) Emery & Beers Company Inc. 6,496; Jan. 23.
"'Onyx' Hosiery." (For Advertising Purposes for Hosiery.) Emery and Beers Co. 6,517; Feb. 6.
"Onyx Hosiery." (For Advertising Purposes for Hosiery.) Emery and Beers Co. 6,563; Feb. 20.
"'Onyx' Hosiery." (For Advertising Purposes for Hosiery.) Emery and Beers Co., Inc. 6,580; Feb. 27.
"'Onyx' Hosiery." (For Advertising Purposes for Hosiery.) Emery & Beers Company, Inc. 6,581; Feb. 27.
"'Onyx' Hosiery." (For Hosiery.) Emery & Beers Company, Inc. 6,612; Mar. 20.
"Onyx" Hosiery. For Hosiery. Emery & Beers Company. 6,793–5; July 10.
"Onyx" Hosiery. For Hosiery. "Onyx" Hosiery Inc. 6,750; June 5.
"Onyx" Hosiery. For Hosiery. "Onyx" Hosiery Inc. 6,781; June 26.
"Onyx" Hosiery. For Hosiery. "Onyx" Hosiery Inc. 6,810; July 10.
"Onyx" Hosiery. For Hosiery. "Onyx" Hosiery Inc. 6,875; Sept. 4.
"Onyx" Hosiery Inc., New York, N. Y. "Onyx" Hosiery. For Hosiery. 6,750; June 5.
"Onyx" Hosiery Inc., New York, N. Y. "Onyx" Hosiery. For Hosiery. 6,781; June 26.
Order Today! Delivered Tomorrow. For Hotels, Restaurants, and Janitor Supplies. Edward Don & Company. 6,657; Apr. 17.
Our Strawberry Soda. For Ice Cream. Frederick C. Mathews Company. 7,008; Nov. 20.
O'Zol (Benzol Motor Gasoline). For Gasoline. O'Neil Oil & Paint Company. 6,901; Sept. 25.
Palmolive Company, The, Milwaukee, Wis. Now I Ask a Favor of the Ladies. For Palmolive Shampoo. 6,751; June 5.
Palmolive Company, The, Milwaukee, Wis. She looks as young as ever. For Palmolive Soap. 6,782; June 26.
Paramount. For Automobiles. Paramount Motor Syndicate. 6,925; Oct. 2.
Par Arrow Collars. For Arrow Collars. Cluett, Peabody & Co. 6,984; Nov. 20.
Paris De Coty. For Perfume. Coty, Inc. 7,018; Dec. 4.
Park & Pollard Company, The, Boston, Mass. The Park & Pollard Co. Lay or Bust Poultry Feeds. For Poultry Feeds. 6,752; June 5.
Passed By The Board of Censors. For Wheat Breakfast Food. Cream of Wheat Co. 6,735; May 29.
Peace And Plenty. For Wheat Breakfast Food. Cream of Wheat Co. 6,831; July 24.
Permanent Wave Effect Now Quick, Cheap and Easy. For Curling Fluid. M. Sullivan. 6,742; May 29.
Peter Porker says. For Foods. Allied Packers, Inc. 6,763; June 26.
Pickles in Patterns. For Heinz 57 Varieties (Food Products). H. J. Heinz Company. 6,772; June 26.
Pickles in Patterns. For Heinz 57 Varieties (Food Products). H. J. Heinz Company. 6,799; July 10.
Pildoritas Reuter. For Liver Pills. Barclay & Co. 7,076; Dec. 11.
Pineapple and Cherries. For Ice Cream. Frederick C. Mathews Company. 7,031; Dec. 4.
Pineapple Bavarian Cream. For Jell-O. Genesee Pure Food Company. 6,914; Oct. 2.

Alphabetical list of prints registered—Continued.

Pioneers of Safety. For First-Mortgage Real Estate Gold Bonds. Cochran & McCluer Company. 6,708; June 26.
"Perfect Coffee." (For Advertising Purposes for Coffee.) Hills Bros. 6,565; Feb. 20.
"Plant Marvel Acts Like Magic On All Plants." (For Advertising Purposes for Plant Foods and Fertilizers.) F. Denkewalter. 6,593; Mar. 6.
Pleasant flavor means preferred sales. For Aromatic Squibb. E. R. Squibb & Sons. 6,950; Oct. 30.
"Please write us For Winter Comfort." (For the A. S. Hinds Co. Honey and Almond Cream.) A. S. Hinds Co. 6,608; Mar. 13.
Plumb Double Life Saw Files. For Files. Fayette R. Plumb, Inc. 6,651; Apr. 10.
Polly Put The Kettle On. For Jell-O. Genesee Pure Food Company. 6,913; Oct. 2.
Post's Bran Flakes. For Breakfast Food (Cereal). Postum Cereal Company. 7,011; Nov. 20.
"Post's Bran Flakes. Now You'll Like Bran!!" (For Advertising Purposes for Post's Bran Flakes.) Postum Cereal Co. Inc. 6,510; Jan. 23.
Power. For Storage Batteries. Grier-Sutherland Co. 6,692; May 8.
Prattlow Products Please Particular People. For Canned Fruits and Vegetables. Pratt-Low Preserving Co. 6,869; Aug. 14.
Protecta. For Table Mats. A. & W. Products Company. 6,953; Nov. 6.
Protected By Professional Honor. For Drugs. E. R. Squibb & Sons. 6,813; July 10.
Protecting The Beautiful Complexion. For Honey and Almond Cream and Cre-mia Face Powder. A. S. Hinds Co. 7,078; Dec. 11.
"Protection Goggles." (For Advertising Purposes for Goggles.) Willson Goggles Inc. 6,603; Mar. 6.
Pure Enough to Eat. For a Toilet Soap (Reuter's). Reuter-Barry, Inc. 6,811; July 10.
Put Your Name On My Face. For Thermometers. Standard Thermometers Co. 6,887; Sept. 11.
Pyorrhea-Applying Pyro-Pack Cream. For a Medicinal Cream for Treating Teeth. Brown-Brand & Brown. 6,905; Oct. 2.
Quality made. For Coffee. Hills Bros. 7,097; Dec. 18.
Real Crushed Fruit Flavor. For Ice Cream. Frederick C. Mathews Company. 7,005; Nov. 20.
Real Food for Everyone. For Ice Cream. Frederick C. Mathews Company. 7,034; Dec. 4.
Real Silk Hosiery Mills, Indianapolis, Ind. Exclusive Features of Real Silk Guaranteed Hosiery. For Hosiery. 6,783; June 26.
Reef Brand Crushed Oyster Shell For Poultry. For Crushed Oyster Shell. Gulf Crushing Co. 7,093; Dec. 18.
"Re-Fillit." (For Advertising Purposes for Leather Memorandum Books.) David H. Zell, Inc. 6,556; Feb. 13.
Reflecting Beauty Secrets of the Past. For Palmolive Soap. Palmolive Company. 6,965; Nov. 13.
Regular as Clock Work. For Medicinal Oils. Standard Oil Company (New Jersey). 6,666; Apr. 17.
Remember the Man You'll remember the Can. For Coffee. Hills Bros. 6,919; Oct. 2.
"Republic White Ware." (For Advertising Purposes for Enameled Kitchen Utensils.) Republic Stamping & Enameling Company. 6,574; Feb. 20.
Rest Assured. For Beds, Bedding, and Bedding Supplies. M. Branner. 7,101; Dec. 25.
Right Over The Home Plate. For Wheat Breakfast Food. Cream of Wheat Co. 6,895; Sept. 25.
Ring Her At Beiman's. For Jewelry. D. Beiman and Sons. 6,945; Oct. 30.
Rodewite. For Cement-Colored Composition for Roads and Cement Constructions. Capital Rodewite Co. 6,718; May 22.
Roper. For Gas Ranges. Geo. D. Roper Corporation. 6,967; Nov. 13.
"Round Oak Doe-Wah-Jack Double Action Gas Range." (For Advertising Purposes for Round Oak Gas Ranges.) Beckwith Company. 6,591; Mar. 6.
"Rubberland." (For Advertising Purposes for Tires.) F. Uiblein. 6,602; Mar. 6.
S. S. S. Nature's Blood Purifier. For a Medicinal Preparation—Namely, a Tonic for the Blood. Swift Specific Company. 7,013; Nov. 20.
Saint Bernards. For a Frankfurter Inclosed and Baked Inside of a Biscuit or Roll. W. F. Copeland. 6,906; Oct. 2.
"Sanicovers." (For Advertising Purposes for Toilet Closet Seat Covers.) Sanitary Toilet Company. 6,600; Mar. 6.
"Sanicovers." (For Advertising Purposes for Toilet Closet Seat Covers.) Sanitary Toilet Co. 6,601; Mar. 6.
"Sanitary Sealpax." (For Underwear.) Oppenheim Oberndorf & Co. Inc. 6,618; Mar. 20.
Sany E Naml. For Enamel Fixtures. Whyt-E-Naml Specialty Co. 6,952; Oct. 30.
Satisfaction in Both. For Ice Cream. Frederick C. Mathews Company. 7,048; Dec. 4.
Saving Jell-O. For Jell-O, a Dessert Preparation. Genesee Pure Food Company. 7,102; Dec. 25.
Say—Kayser Gloves. For Gloves. Julius Kayser & Co. 6,661; Apr. 17.
"Schrafft's Chocolates Christmas Packages." (For Advertising Purposes for Christmas Package of Chocolates.) W. F. Schrafft & Sons Corp. 6,551; Feb. 13.
Schulze's Cake Eight Varieties. For Cake. Schulze Baking Co. 6,956; Nov. 6.
"Sealpax." (For Underwear.) Oppenheim Oberndorf & Co. Inc. 6,617; Mar. 20.
"Sealpax a better Athletic Underwear Sold in a Cleaner Way." (For Underwear.) Oppenheim Oberndorf & Co. Inc. 6,620; Mar. 20.
Sealright Paper Butter Tubs. For Sealright Paper Boxes. Sealright Co. 7,050–1; Dec. 4.
"See How Easy It Is." For Advertising Purposes for Jell-O, a Dessert Preparation.) Genesee Pure Food Company. 6,519; Feb. 6.
Selling Health and Common Sense. For Adults' and Children's Underwear. Wright's Underwear Company. 6,729; May 22.
Serious business, now, for little brains. For Wheat Breakfast Food. Cream of Wheat Co. 6,896; Sept. 25.
Servants Of Science. For Drugs. E. R. Squibb & Sons. No. 6,815; July 10.
She looks as young as ever. For Palmolive Soap. Palmolive Company. 6,782; June 26.
Shoot the Plugs. For Plugs for Cleaning Condenser Tubes. Mannion & Arthur Co. 6,807; July 10.
Shoot the Plugs. For Plugs for Cleaning Condenser Tubes. Mannion & Arthur Co. 6,890; Sept. 18.
Shoot the Plugs Use One 400 Times And More. For Plugs for Cleaning Condenser Tubes. Mannion & Arthur Co. 6,924; Oct. 2.
Show Girl. For Cigars. Haas Bros. 6,858; Aug. 14.
"Signed on the Rind." (For Advertising Purposes for Ham and Bacon.) E. Kahn's Sons Company. 6,596; Mar. 6.
Six Feet Foot Comfort. For Foot Powders for Foot Baths. C. G. Boyd. 6,744; June 5.
Skeezix. For Dolls. F. O. King. 6,992; Nov. 20.
Slazum. For Insecticide to Kill Boll Weevil. Southern Farm Products Co. 6,636; Apr. 3.
Sloan, John A., Chicago, Ill. Mother's Bread. For Bread. 6,760; June 12.
Snap—A Better Hair Waver. For Hair Wavers. McConnell Manufacturing Company. 6,806; July 10.
Snow Fluff. For Toilet Powder. E. Fougera & Co. 6,631; Apr. 3.
So Easy to Use. For Allen's Foot-Ease, a Toilet Preparation. A. S. Olmsted. 6,780; June 26.
Solid Silver—Precious thro the Ages. For Solid Silverware. Towle Manufacturing Co. 7,086; Dec. 11.
Solid Silver Precious through the Ages. For Solid Silverware. Towle Manufacturing Co. 7,056; Dec. 4.
Spark the Human Engine with Eline Chocolate Bars. For Chocolates. Eline's Incorporated. 6,630; Apr. 3.
Specially Designed for Special Sales. For Soap. James S. Kirk & Company. 6,738; May 29.
Spirit of No Man's Land. For Fireworks and Firework Displays. W. J. H. Engelke. 6,640; Apr. 10.
Sport Trousers. For White Duck Clothing. James E. Richards Company. 6,682; May 1.
Squibb's Dental Cream. For Dental Cream. E. R. Squibb & Sons. 6,939; Oct. 16.
Squibb's Healthy Baby Contest. For Nursery Products. E. R. Squibb & Sons. 6,951; Oct. 30.
"Standardized Drilling And Reaming Jig Bushings." (For Drilling and Reaming Jig Bushings and Liners Therefor.) W. R. Fisher. 6,622; Mar. 27.
Stark Dry Goods Co. (See Erlanger Dry Goods Company.)
"Starting The New Year Right." (For Advertising Purposes for Wheat Breakfast Food.) Cream of Wheat Co. 6,540; Feb. 13.
Steameter The new heat Indicator. For Temperature-Indicating Devices. Steameter Co. 6,843; July 31.
"Step Full of Pep." (For Advertising Purposes for Rubber Heels.) P. Barbieri. 6,493; Jan. 23.
Stop Hunting For That Handle. For Extension Door Handles for Ford Automobiles. Bronzo Alumina Corporation. 6,958; Nov. 13.
Stop Your Own Roof Leaks With Feder's Jiffy Easy Roof Repair Outfit. For Roof-Repair Outfits. D. H. Feder. 6,878; Sept. 11.
Stough, Mrs. Eva C., San Francisco, Calif. Janez Loops. For a Protector and Support for Earrings. 6,784; June 26.
Summer's Refreshment. For Ice Cream. Frederick C. Mathews Company. 7,042; Dec. 4.
Sunbeam. For Pure Food Products. Austin, Nichols & Co. 6,764; June 26.
Sunburn Hurts! Unguentine Heals! For Unguentine. Norwich Pharmacal Company. 6,825; July 17.
Swantex. For Sanitary Paper Napkins. Swantex Products Corporation. 6,753; June 5.
Swantex Products Corporation, New York, N. Y. Swantex. For Sanitary Paper Napkins. 6,753; June 5.
T-O-T Turnover Gas Toaster. For Bread Toasters. Turn-Over-Toaster Company. 6,817; July 10.
Tabhurst Arrow Wing Collars. For Arrow Collars. Cluett, Peabody & Co. 6,982; Nov. 20.
Take One Home—Slice it! For Baffle Bar Candy. Cardinet Candy Company. 6,820; July 17.
Tartaroff. For Preparations for Removing Tartar, Film, and Discolorations from the Teeth. W. H. and B. Waddell. 6,786; June 26.

Tartaroff Co. (See Waddell, Walter H. and B.)
Tempts Any Appetite. For Ice Cream. Frederick C. Mathews Company. 7,037; Dec. 4.
10¢ in a Sealright Container. For Sealright Paper Boxes. Sealright Co. 6,969; Nov. 13.
10-Piece Cretonne Set. For Cretonne Draperies. Brooklyn Curtain Works, Inc. 6,652; Apr. 17.
That First Shirt Washing. For Arrow Shirts. Cluett, Peabody & Co. 6,974; Nov. 20.
That you may know. For Drugs. E. R. Squibb & Sons. 6,841; July 31.
The Ace of Golf Balls. For Golf Balls. The Fair. 6,796; July 10.
The After-Shave Comfort and Enjoyment. For A. S. Hinds Co. Honey and Almond Cream. A. S. Hinds Co. 6,848; Aug. 7.
The Aristocrats of Credit Jewelers. For Jewelry and Silverware. Olsen & Ebann. 6,826; July 17.
"The Balanced Gasoline." (For Advertising Purposes for Gasoline.) Standard Oil Company (Incorporated in New Jersey.) 6,552; Feb. 13.
The Beauty. For Gas Ranges. Geo. D. Roper Corporation. 6,683; May 1.
"The Beauty Which Glows from Within." (For Advertising Purposes for Chocolate.) Eline's Incorporated. 6,513; Feb. 6.
The Big Brother Package. For Jell-O. Genesee Pure Food Company. 6,908; Oct. 2.
"The Call to Luncheon." (For Advertising Purposes for Jell-O, a Dessert Preparation.) Genesee Pure Food Company. 6,525; Feb. 6.
The charm of beautiful hair. For Mulsified Coconut-Oil Shampoo. R. L. Watkins Company. 7,060; Dec. 4.
The Children's Grocery Store. For Jell-O. Genesee Pure Food Company. 6,910; Oct. 2.
The choice of a million American housewives. For Fruits and Vegetables. King's Food Products Company. 6,861; Aug. 14.
The Choice of Particular People. For Ice Cream. Frederick C. Mathews Company. 7,000; Nov. 20.
The Cream for Every Home. For Honey and Almond Cream and Cre-Mis Face Powder. A. S. Hinds Co. 6,898; Sept. 25.
The Danger Line There is a tiny ridge on the surface of your teeth. For Dental Cream. E. R. Squibb & Sons. 7,083; Dec. 11.
The delicious aroma of an opened can is a promise of the full-flavored cup to come Quality made it. For Coffee. Hills Bros. 7,096; Dec. 18.
The Economical Way. For Hosiery. Real Silk Hosiery Mills. 6,903; Sept. 25.
"The Estey Pipe Organ." (For Advertising Purposes for Estey Pipe Organs.) Estey Organ Company. 6,543; Feb. 13.
"The Estey Residence Pipe Organ." (For Advertising Purposes for Estey Pipe Organs.) Estey Organ Company. 6,582; Feb. 27.
The Estey Residence Pipe Organ—Greatest of all instruments of music is the Organ, etc. For Estey Organs. Estey Organ Company. 7,075; Dec. 11.
The Expensive Way. For Hosiery. Real Silk Hosiery Mills. 6,902; Sept. 25.
The Extreme of Excellence. For Ice Cream. Frederick C. Mathews Company. 7,001; Nov. 20.
The Eye Is Forerunner Of The Palate. For Jell-O, a Dessert Preparation. Genesee Pure Food Company. 7,106; Dec. 25.
The Fabric's The Thing. For Woolen and Worsted Piece Goods for Men's Wear Only. Cyril Johnson Woolen Co. 6,860; Aug. 14.
The Favorite of Childhood. For Ice Cream. Frederick C. Mathews Company. 7,043; Dec. 4.
The Fiery Cross—The Great Ku Klux Problem. For a Game Problem. G. E. Badger. 7,100; Dec. 25.
The Figurines. For Jell-O, a Dessert Preparation. Genesee Pure Food Company. 7,105; Dec. 25.
The Flavor Difference. For Coffee. Hills Bros. 7,094; Dec. 18.
"The Fountain of Youth." (For Advertising Purposes for Coffee.) Hills Bros. 6,566; Feb. 20.
The Greatest Body Builder. For Father John's Medicine. Carleton & Hovey Company. 6,639; Apr. 10.
The Greatest Piano Sale in the History of Chicago. For Pianos of All Kinds. Moist Piano Company. 6,647; Apr. 10.
The Grocery Boy. For Jell-O. Genesee Pure Food Company. 6,915; Oct. 2.
"The Guarantee of many smooth running miles No-Leak-O." (For Advertising Purposes for Piston Rings.) No-Leak-O Piston Ring Company. 6,512; Jan. 30.
The Happy Family. For Jell-O, a Dessert Preparation. Genesee Pure Food Company. 7,104; Dec. 25.
The Heart Of The Locomotive. For Parts of Locomotive Boilers Known as Thermic Siphons. Locomotive Firebox Company. 6,851; Aug. 7.
The Height of Delight. For Ice Cream. Frederick C. Mathews Company. 6,999; Nov. 20.
The hidden difference. For Coffee. Hills Bros. 6,776; June 26.
The hidden difference is Flavor! For Coffee. Hills Bros. 6,777; June 26.
The High Quality makes friends. For Coffee. Hills Bros. 7,095; Dec. 18.
"The Hinds Cre-Maids have beauty rare, each one is a perfect dream for they always use each day with care Hinds Honey and Almond Cream." (For Advertising Purposes for Hinds Honey and Almond Cream.) A. S. Hinds & Co. 6,409; Jan. 23.
The Ideal Dessert. For Ice Cream. Frederick C. Mathews Company. 7,006; Nov. 20.
The Importance of One Short Word! For Drugs. E. R. Squibb & Sons. 6,870; Aug. 14.
The importance of One Short Word. For Drugs. E. R. Squibb & Sons. 6,935; Oct. 16.
The Issue Shirt. For Arrow Shirts. Cluett, Peabody & Co. 6,977; Nov. 20.
The Keiser Tied Tie. For Neckties. James R. Keiser, Inc. 6,645; Apr. 10.
The Kiddies' Delight. For Ice Cream. Frederick C. Mathews Company. 7,039; Dec. 4.
The Label Shows the Way to "B. V. D." For Athletic Underwear. B. V. D. Company. 6,789; July 10.
The 'Listless Age.' For Wheat Breakfast Food. Cream of Wheat Co. 7,019; Dec. 4.
The Luncheon Party. For Jell-O. Genesee Pure Food Company. 6,909; Oct. 2.
The Maid. For Jell-O. Genesee Pure Food Company. 6,911; Oct. 2.
"The Most Up-to-Date Plant in the World." (For Advertising Purposes for Plaited Novelties.) L. Frischer. 6,544; Feb. 13.
The Motorists' Eleventh Commandment—Thou shalt Not Glare. For Tilting Reflectors for Controlling the Positions of Headlight Beams from Light-Projecting Devices. Federal Manufacturing Company. 6,955; Nov. 6.
The "Never-Say-Dry" Lather. For Shaving Cream. J. B. Williams Company. 6,762; June 12.
"The New Improved Five Passenger Haynes 75 Brougham." (For Advertising Purposes for Automobiles.) Haynes Automobile Company. 9,498; Jan. 23.
"The New 1923 Haynes 55 Sport Touring 5 Passengers." (For Advertising Purposes for Automobiles.) Haynes Automobile Company. 6,545; Feb. 13.
"The Nuway Artshel." (For Advertising Purposes for Spectacle Frames.) Stevens & Company. 6,553; Feb. 13.
The original vacuum pack. For Coffee. Hills Bros. 6,774; June 26.
The original vacuum pack keeps its fine flavor fresh for you. For Coffee. Hills Bros. 6,778; June 26.
"The Panama Opening." (For Advertising Purposes for Wardrobe Trunks.) Hartmann Trunk Company. 6,527; Feb. 6.
The Park & Pollard Co. Lay or Bust Poultry Feeds. For Poultry Feeds. Park & Pollard Company. 6,752; June 5.
The Powder Base Perfection. For Hinds Honey and Almond Cream and Cre-mis Face Powder. A. S. Hinds Co. 6,849; Aug. 7.
The Priceless Ingredient. For Drugs. E. R. Squibb & Sons. 6,884; Sept. 11.
The Pride of June. For Ice Cream. Frederick C. Mathews Company. 7,045; Dec. 4.
The Raybestos Way is the Safe Way. For Brakes and Brake Linings. Raybestos Company. 6,946; Oct. 30.
The recognized standard. For Coffee. Hills Bros. 6,917; Oct. 2.
The Safety-Device for Porches. For Porch-Rail Safety Device. Christell Brothers. 6,719; May 22.
The secret of having beautiful hair. For Mulsified Coconut-Oil Shampoo. R. L. Watkins Company. 7,061; Dec. 4.
The Shirt Off Your Back. For Arrow Shirts. Cluett, Peabody & Co. 6,976; Nov. 20.
The Springtime of Life. For a Palmolive Soap. Palmolive Company. 6,663; Apr. 17.
The Stork Model Nesmoht Portable Obstetrical Table. For Nesmoht Portable Obstetrical Table. J. H. Thomsen. 6,702; May 8.
The story time will tell. For Cold Cream. E. R. Squibb & Sons. 6,871; Aug. 14.
The suit that changed bathing to swimming. For Swimming Suit. Jantzen Knitting Mills. 6,859; Aug. 14.
"The Thinking Fellow Buys a Yellow." (For Advertising Purposes for Taxicabs.) Yellow Cab Manufacturing Co. 6,576; Feb. 20.
"The Way to Beautiful Homes." (For Paint.) Bass-Hueter Paint Co. 6,609; Mar. 20.
The Wedding Present. For Jell-O, a Dessert Preparation. Genesee Pure Food Company. 7,103; Dec. 25.
"The Woodsman Shirt." (For Shirts.) Oppenheim Oberndorf & Co. Inc. 6,619; Mar. 20.
The Wonder Waterproof Wrapping Paper Boyce Perfection Fibre. For Waterproof Wrapping Paper. Union Paper & Twine Co. 6,761; June 12.
The World's Fare. For Wheat Breakfast Food. Cream of Wheat Co. 6,847; Aug. 7.
There is only one "B. V. D." For Athletic Underwear. B. V. D. Company. 6,766; June 26.
"There is only One Cream of Wheat." (For Wheat Breakfast Food.) Cream of Wheat Co. 6,611; Mar. 20.

Alphabetical list of prints registered—Continued.

There is something about the presence of a pipe organ in a home that gives the house a distinction, etc. For Estey Organs. The Estey Organ Company. 7,074; Dec. 11.

Thermalene Gas for Cutting & Welding. For Generators for Producing Gas. Thermalene Gas Corporation. 6,710; May 15.

They Know Why They Prefer "B. V. D." For Athletic Underwear. B. V. D. Company. 6,689; May 8.

They Know Why They Prefer "B. V. D.". For Athletic Underwear. B. V. D. Company. 6,731; May 29.

Thommen's Inc. Originators of the Japanese Cake. For Cake. Thommen's Inc. 6,845; July 31.

Three Delicious Dishes. For Ice Cream. Frederick C. Mathews Company. 7,027; Dec. 4.

Three Star Brands. For Bronze Powders. United States Bronze Powder Works, Inc. 6,876; Sept. 4.

Thriftables. For Women's Apparel. Gladding Dry Goods Co. 6,747; June 5.

To Be Sure Use Sperry Drifted Snow Flour. For Wheat Flour. Sperry Flour Company. 7,012; Nov. 20.

To The Queen's Taste. For Wheat Breakfast Food. Cream of Wheat Co. 7,072; Dec. 11.

Toy Store. For Canned Goods. Libby, McNeill & Libby. 6,962; Nov. 13.

Trail Mocs. For Shoes. Trail Moc Shoe Company. 6,904; Sept. 25.

Treats in Sweets. For Candies. Asprey Candy Company. 6,716; May 22.

Tricófero Barry. For a Hair Tonic. Barclay & Co. 7,066; Dec. 11.

Truth in Advertising Drug Products. For Drugs. E. R. Squibb & Sons. 7,082; Dec. 11.

Tuxara an Arrow Wing Collar—A Smart, etc. For Collars. Cluett, Peabody & Co. 7,069; Dec. 11.

Tuxara Arrow Collars. For Arrow Collars. Cluett, Peabody & Co. 6,981; Nov. 20.

Twilyte-Ra Kut Lenzez. For Fancy Cut Spectacle Eyeglass and Colored Lenses. W. B. Georgia. 7,022; Dec. 4.

2/5. For Lumber, Also Doors, Windows, and Interior Finish. Allen A. Smith Company. 6,934; Oct. 16.

Two New Haynes Cars Now on display for first time at Your local Haynes Showroom. For Automobiles. Haynes Automobile Company. 6,641; Apr. 10.

Two Tasty Dishes. For Ice Cream. Frederick C. Mathews Company. 7,007; Nov. 20.

"Tylite." (For Advertising Purposes for Knitted Neckties and Scarfs.) Franklin Knitting Mills, Inc. 6,518; Feb. 6.

"Undernourished Children Need Eline's Chocolate Bars." (For Chocolate.) Eline's Incorporated. 6,605; Mar. 13.

Under the keen appraisal of scores of critical eyes. For Hosiery. "Onyx" Hosiery Inc. 7,079; Dec. 11.

Union Paper & Twine Co., The, Cleveland, Ohio. The Wonder Waterproof Wrapping Paper Boyce Perfection Fibre. For Waterproof Wrapping Paper. 6,761; June 12.

Unity. For Stoves. F. Krux. 7,025; Dec. 4.

Universal Theatres Concession Co., Chicago, Ill. Folly Towns. For Candy. 6,785; June 26.

Unquestionably The Best. For Foot Powders for Foot Baths. C. G. Boyd. 7,016; Dec. 4.

V. T. F. Fancy Shape Lentiles. For Watch Glasses. Hammel, Riglander & Co. 6,721; May 22.

"Vanilla." (For Advertising Purposes for Vanilla.) J. H. Bender. 6,578; Feb. 27.

Veedol 1923. For Oil. Tide Water Oil Sales Corporation. 6,673; Apr. 24.

Venus Erasers. For Erasers. American Lead Pencil Company. 6,712; May 22.

Venus Everpointed. For Mechanical Pencils. American Lead Pencil Company. 6,714; May 22.

"Venus Everpointed Pencils." (For Advertising Purposes for Mechanical Pencils.) American Lead Pencil Company. 6,577; Feb. 27.

Venus Pencil. For Copying Pencils. American Lead Pencil Company. 6,713; May 22.

Venus Pencils. For Lead Pencils. American Lead Pencil Company. 6,730; May 29.

Venus: The Largest Selling Quality Pencil in the World. For Pencils. American Lead Pencil Company. 7,063; Dec. 11.

Venus Thin Leads. For Pencils. American Lead Pencil Co. 6,829; July 24.

Vitovim Twins. For Bread. Ward Baking Company. 6,667; Apr. 17.

Volta Powder. For Medicinal Preparation—Namely a Powder for the Treatment of Rheumatism. Volta Co. of America, Inc. 6,675; Apr. 24.

Waddell, Bertha. (See Waddell, Walter H. and B.)

Waddell, Walter H. and B., doing business as Tartaroff Co., Chicago, Ill. Tartaroff. For Preparations for Removing Tartar, Film, and Discolorations from the Teeth. 6,786; June 26.

Watch Your (In)-Step! For Arch Builders or Supports. Ohio Truss Co. 6,809; July 10.

Wear Knit Underwear. For Knit Underwear. Associated Knit Underwear Manufacturers of America. 7,015; Dec. 4.

We Buy In Carloads The Gain Is Yours and representation of products in the form of a human figure. For Groceries. Central Wholesale Grocers, Inc. 6,960; Nov. 13.

Wellsworth Glasses All that Science can give, all that Artistry can add. For Spectacles and Eyeglasses. American Optical Company. 6,787; July 10.

"We Deliver What You Buy." (For Advertising Purposes for Hides, Skins, and Tanning Materials.) Schmoll Fils & Co. 6,532; Feb. 6.

We-Fone-U Stores. For Groceries. V. E. Thurman. 6,927; Oct. 2.

We Sell Dr. Lawton's Guaranteed Fat Reducer. For Surgical Appliances. T. Lawton. 6,707; May 15.

"We Want Cool Comfort." (For Underwear.) Oppenheim Oberndorf & Co. Inc. 6,616; Mar. 20.

What I Need Today. For Ginger Ale. Canada Dry Ginger Ale. 6,972; Nov. 20.

What is 'B. V. D.'? For Athletic Underwear. B. V. D. Company. 6,790; July 10.

What Surprised The Chef. For Heinz 57 Varieties (Food Products) H. J. Heinz Company. 6,801; July 10.

What the eyes of others see. For Palmolive Soap. Palmolive Company. 7,081; Dec. 11.

"When She Grows Up." (For Advertising Purposes for Palmolive Soap.) Palmolive Company. 6,573; Feb. 20.

Where Beauty Begins. For Palmolive Soap. Palmolive Company. 7,107; Dec. 25.

Where the Finest Coffee Flavor Comes From. For Coffee. Hills Bros. 6,672; Apr. 24.

Where the finest coffee flavor comes from. For Coffee. Hills Bros. 6,920; Oct. 2.

"Whipped Strawberry Jell-O." (For Advertising Purposes for Jell-O, a Dessert Preparation.) Genesee Pure Food Company. 6,524; Feb. 6.

White Trucks. For Motor Trucks. White Company. 6,711; May 15.

"Why Eline's Chocolate is Best." (For Advertising Purposes for Chocolate.) Eline's Incorporated. 6,516; Feb. 6.

Why Not Both In One? For Dental Cream. E. R. Squibb & Sons. 6,883; Sept. 11.

Coffee. Hills Bros. 6,922; Oct. 2.

Why proper shampooing makes your hair beautiful. For Mulsified Coconut-Oil Shampoo. R. L. Watkins Company. 7,058; Dec. 4.

Whyr E Naml. For Enamel Fixtures. Whyt-E-Naml Specialty Co. 6,754; June 5.

Whyt-E-Naml Specialty Co., Inc., New York, N. Y. Whyr E Naml. For Enamel Fixtures. 6,754; June 5.

Why you must have beautiful well-kept hair—to be attractive. For Mulsified Coconut-Oil Shampoo. R. L. Watkins Company. 7,059; Dec. 4.

Wilder's Lion. For Half Soles and Strips. Wilder & Company. 6,835; July 24.

Williams' Doublecap Shaving Stick. For Shaving-Soap Sticks. J. B. Williams Company. 6,846; July 31.

Williams' Holder Top. For Shaving-Soap Sticks. J. B. Williams Company. 6,856; Aug. 7.

Williams' Holder Top-Doublecap. For Shaving-Soap Sticks. J. B. Williams Company. 6,854; Aug. 7.

Williams, J. B., Company, The, Glastonbury, Conn. The "Never-Say-Dry" Lather. For Shaving Cream. 6,762; June 12.

Williams' Shaving Cream. For Shaving Cream. J. B. Williams Company. 6,855; Aug. 7.

"Willys-Knight Coupe-Sedan." (For Automobiles.) Willys-Overland, Inc. 6,629; Mar. 27.

Winsomeness. For Ice Cream. Frederick C. Mathews Company. 7,028; Dec. 4.

"Winsor's White Dent." (For Advertising Purposes for Corn.) E. W. Winsor. 6,555; Feb. 13.

Wiss Guarantee Tag. For Snips. J. Wiss & Sons Co. 7,110; Dec. 25.

World's Largest Exclusive Reproducing and Artist Grand Piano House. For Pianos of All Kinds. Moist Piano Company. 6,808; July 10.

"Yellow Cab—The Modern Cab." (For Advertising Purposes for Taxicabs.) Yellow Cab Manufacturing Co. 6,589; Feb. 27.

You can get good coffee. For Coffee. Hills Bros. 6,921; Oct. 2.

You Can Wear Smaller Size Shoes. For Foot Powders for Foot Baths. C. G. Boyd. 6,733; May 29.

"You Can't Bank The Profits Until You Sell The Goods!" (For Advertising Purposes for Trousers.) Dutchess Manufacturing Company. 6,559; Feb. 20.

"You might as well varnish your skin as to have clogged, inactive pores." (For Advertising Purposes for Fairy Soap.) N. K. Fairbank Company. 6,583; Feb. 27.

You Wouldn't drink from your saucer. For Papeteries. Eaton, Crane & Pike Company. 6,792; July 10.

Your Dream. For Ice Cream. Frederick C. Mathews Company. 6,998; Nov. 20.

Your Friend And Ours—The Grocer. For Heinz 57 Varieties (Food Products) H. J. Heinz Company. 6,800; July 10.

Your men folks prefer Fairy Soap. For Fairy Soap. N. K. Fairbank Company. 6,839; July 31.

Your whole life long—Acid-Erosion threatens at The Danger Line. For Dental Cream. E. R. Squibb & Sons. 6,940; Oct. 16.

LIST OF DISCLAIMERS ARRANGED BY PATENT NUMBERS.

Adding and recording machine. W. S. Gubelmann. 1,429,201; date of patent Sept. 12, 1922; disclaimer filed May 8, 1923; v. 310; p. 979.

Bearing, Antifriction. H. N. Parsons. 1,420,339; date of patent June 20, 1922; disclaimer filed Mar. 12, 1923; v. 308; p. 660.

Car, Hot-metal. A. C. Nelson and E. J. Reilly. 1,438,661; date of patent Dec. 12, 1922; disclaimer filed Aug. 18, 1923; v. 314; p. 175.

Current generator, Oscillating-. L. de Forest. 1,201,270; date of patent Oct. 17, 1916; disclaimer filed Dec. 29, 1922; v. 306; p. 483.

Facing, Clutch. S. Simpson. 1,270,559; date of patent June 25, 1918; disclaimer filed Oct. 3, 1923; v. 315; p. 609.

Fire-extinguisher agent. G. E. Ferguson and L. E. Eckelmann. 1,421,436; date of patent July 4, 1922; disclaimer filed Aug. 24, 1923; v. 314; p. 175.

Heater, Electric. E. N. Lightfoot. 1,359,400; date of patent Nov. 16, 1920; disclaimer filed Oct. 18, 1923; v. 316; p. 1.

Igniter, Flash. F. A. Gauger and R. W. Johnson. 1,417,510; date of patent May 30, 1922; disclaimer filed Aug. 1, 1923; v. 313; p. 451.

Lead arsenate, Manufacture of. R. E. Wilson. 1,393,474; date of patent Oct. 11, 1921; disclaimer filed May 24, 1923; v. 311; p. 5.

Machine, Tire-opening. W. C. Stevens. 1,288,733; date of patent Dec. 24, 1918; disclaimer filed Oct. 25, 1923; v. 316; p. 238.

Phonograph records, Method of and apparatus for making. J. V. Errickson. 1,307,812; date of patent June 24, 1919; disclaimer filed June 6, 1923; v. 312; p. 1.

Sign, Illuminated. R. R. Wiley, W. K. Wiley, and W. S. Hough, jr. 1,224,253; date of patent May 1, 1917; disclaimer filed Apr. 12, 1923; v. 310; p. 1.

Socket, Candelabrum. G. B. Thomas. 1,215,079; date of patent Feb. 6, 1917; disclaimer filed Oct. 2, 1923; v. 316; p. 238.

Spring oiler. G. T. Lemelin. 1,452,429; date of patent Apr. 17, 1923; disclaimer filed Apr. 21, 1923; v. 310; p. 233.

Telephone apparatus for the deaf. E. C. Hanson. 1,373,717; date of patent June 15, 1920; disclaimer filed Sept. 24, 1923; v. 315; p. 609.

Telephone system. F. M. Slough. 1,298,589; date of patent Mar. 25, 1919; disclaimer filed Mar. 13, 1923; v. 308; p. 660.

Tire pump, Automobile-driven. G. E. Hazard. 1,323,053; date of patent Nov. 25, 1919; disclaimer filed June 22, 1923; v. 312; p. 185.

Vehicles, Means of suspension of. P. H. Johnson. Re15,288; date of patent Feb. 21, 1922; disclaimer filed Feb. 7, 1923; v. 307; p. 485.

Washtub cover. G. P. Morell. 1,268,754; date of patent June 4, 1918; disclaimer filed Feb. 2, 1923; v. 307; p. 485.

Window frame and sash, Metal. H. E. Campbell. 1,222,358; date of patent Apr. 10, 1917; disclaimer filed Dec. 27, 1922; v. 306; p. 245.

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